

A Comparative Matrix
between
Fair Housing Accessibility Guidelines
issued by US Department of Housing and Urban Development, March 6,
1991
and the following
Model Building Codes
ICC - International Building Code (11-97 First Draft)
BOCA - National Building Code (1996 edition)
ICBO - Uniform Building Code (1997 edition)
SBCCI - Standard Building Code (1997 edition)

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December 15, 1997

	Fair Housing Accessibility Guidelines	ICC International Building Code 11-97 Draft / CABO A117.1-98	BOCA 1996 National Building Code CABO A117.1-92	ICBO 1997 Uniform Building Code CABO A117.1-1992	SBCCI 1997 Standard Bldg. Code CABO A117.1-92
1.	Section 1. Introduction (Not included)				
2.	Section 2. Definitions				
3.	As used in these guidelines:	<p>Chapter 2 Definitions 201 General 201.1 Scope. The provisions of this chapter govern the definitions of words and terms used in this code. 201.2 Interchangeability. Words used in the present tense include the future, words used in the masculine include the feminine and neuter, the singular number includes the plural and the plural the singular. 201.3. Terms not defined. Where terms are not defined through the methods authorized by this chapter, such terms shall have ordinarily accepted meanings such as the context implies. 201.4 Terms defined. Unless otherwise expressly stated, the following words and terms shall, for the purposes of this code, have the meanings show in this chapter. 1102 DEFINITIONS 1102.1 General. The following words and terms shall, for the purposes of this chapter and as used elsewhere in this code, have the meanings shown herein. A117.1 106 Definitions. A117.1 106.1 General. For the purpose of this standard, the terms listed in 106.2 have the indicated meaning. A117.1 106.2 Terms Defined in Referenced Standards. Terms not defined in this section, but specifically defined in a referenced standard, shall have the specified meaning from the referenced standard, unless otherwise stated. A117.1 106.3 Undefined Terms. The meaning of terms not specifically defined in this document or in referenced standards shall be as defined by collegiate dictionaries in the sense that the context implies. A117.1 106.4 Interchangeability. Words, terms and phrases used in the singular includes the plural and the plural the singular.</p>	<p>Chapter 2 Definitions 201 General 201.1 Scope. Unless otherwise expressly stated, the following words and terms shall, for purposes of this code, have the meanings shown in this chapter. 201.2 Interchangeability. Words used in the present tense include the future; words used in the masculine gender include the feminine and neuter; the singular number includes the plural and the plural the singular. 201.3 Terms defined in other codes. Where terms are not defined in this code and are defined in the plumbing, fire prevention or mechanical codes listed in Chapter 35, such terms shall have the meanings ascribed to them as in those codes. 201.4 Terms not defined: Where terms are not defined through the methods authorized by this section, such terms shall have ordinarily accepted meanings such as the context implies. A117.1 3.4 Definitions For the purpose of this standard, the terms listed in 3.4 have the indicated meaning.</p>	<p>Chapter 2 Definitions and Abbreviations 201 Definitions 201.1 General. For the purposes of this code, certain terms, phrases, words and their derivatives shall be construed as specified in this chapter and elsewhere in this code where specific definitions are provided. Terms, phrases and words used in the singular include the plural and the plural the singular. Terms, phrases and words used in the masculine gender include the feminine and the feminine the masculine. Where terms, phrases and words are not defined, they shall have their ordinary accepted meanings within the context with which they are used. Webster's Third New International Dictionary of the English Language, Unabridged, copyright 1986, shall be considered as providing ordinarily accepted meanings. A117.1 3.4 Definitions For the purpose of this standard, the terms listed in 3.4 have the indicated meaning.</p>	<p>Chapter 2 Definitions 201 General 201.1 Scope. For the purpose of this code, certain abbreviations, terms, phrases, words, and their derivatives, shall be construed as set forth in this chapter. 201.2 Tense, gender and number. Words used in the present tense include the future. Words in the masculine gender include the feminine and neuter. The singular number includes the plural and the plural number includes the singular. 201.3 Words not defined. Words not defined herein shall have the meanings stated in the Standard Mechanical Code, Standard Plumbing Code, Standard Gas Code or Standard Fire Prevention Code. Words not defined in the Standard Codes shall have the meanings in Webster's Ninth New Collegiate Dictionary, as revised. A117.1 3.4 Definitions For the purpose of this standard, the terms listed in 3.4 have the indicated meaning.</p>

	Fair Housing Accessibility Guidelines	ICC International Building Code 11-97 Draft / CABO A117.1-98	BOCA 1996 National Building Code CABO A117.1-92	ICBO 1997 Uniform Building Code CABO A117.1-1992	SBCCI 1997 Standard Bldg. Code CABO A117.1-92
4.	<p>"Accessible", when used with respect to the public and common use areas of a building containing covered multifamily dwellings, means that the public or common use areas of the building can be approached, entered, and used by individuals with physical handicaps. The phrase "readily accessible to and usable by" is synonymous with accessible. A public or common use area that complies with the appropriate requirements of ANSI A117.1-1986, a comparable standard or these guidelines is "accessible" within the meaning of this paragraph.</p>	<p>Accessible. A site, building, facility or portion thereof that complies with this chapter. (1102.1)</p> <p>1101.2 Design. Details, dimensions and construction specifications for items herein shall comply with this code, and CABO A117.1.</p> <p>Chapter 35 Referenced Standards CABO A117.1-98 Accessible and Usable Buildings and Facilities</p> <p>Accessible: Describes a site, building, facility, or portion thereof that complies with this standard. (A117.1 106.5)</p>	<p>Accessible: Describes a site, building, facility or portion thereof that complies with this section and CABO A117.1 listed in Chapter 35, and that can be approached, entered and used by a physically disabled person. (1102.1)</p> <p>Chapter 35 Referenced Standards CABO A117.1-92 Accessible and Usable Buildings and Facilities</p> <p>Accessible: Describes a site, building, facility, or portion thereof that complies with this standard and that can be approached, entered, and used by persons with physical disabilities. (A117.1 3.4)</p>	<p>Accessible describes a site, building, facility or portion thereof that complies with this chapter and that can be approached, entered and used by persons with physical disabilities. (1102)</p> <p>Chapter 35 Part III Standards Adopted by Reference CABO A117.1-92 Accessible and Usable Buildings and Facilities</p> <p>Accessible: Describes a site, building, facility, or portion thereof that complies with this standard and that can be approached, entered, and used by persons with physical disabilities. (A117.1 3.4)</p>	<p>Accessible. A site, building, facility, or portion thereof that complies with Chapter 11 and that can be approached, entered, and used by persons with a physical disability. (202)</p> <p>Chapter 35 Referenced Standards CABO A117.1-92 Accessible and Usable Buildings and Facilities</p> <p>Accessible: Describes a site, building, facility, or portion thereof that complies with this standard and that can be approached, entered, and used by persons with physical disabilities. (A117.1 3.4)</p>
5.	<p>"Accessible route" means a continuous unobstructed path connecting accessible elements and spaces in a building or within a site that can be negotiated by a person with a severe disability using a wheelchair, and that is also safe for and usable by people with other disabilities.</p> <p>Interior accessible routes may include corridors, floors, ramps, elevators and lifts. Exterior accessible routes may include parking access aisles, curb ramps, walks, ramps and lifts.</p> <p>A route that complies with the appropriate requirements of ANSI A117.1-1986, a comparable standard, or Section 5, Requirement 1 of these guidelines is an "accessible route".</p> <p>In the circumstances described in Section 5, Requirements 1 and 2, "accessible route" may include access via a vehicular route.</p>	<p>Accessible Route. A continuous unobstructed path that complies with this chapter. (1102.1)</p> <p>Accessible Route: An interior or exterior circulation path that complies with this standard. (A117.1 106.5)</p> <p>A117.1 402.2 Components. Accessible routes shall consist of one or more of the following components: Walking surfaces with a slope not steeper than 1:20, doorways, ramps, curb ramps, elevators, and wheelchair (platform) lifts. All components of an accessible route shall comply with the applicable portions of this standard.</p>	<p>Accessible route: A continuous unobstructed path connecting all accessible elements and spaces in a building or facility which can be negotiated by a person with a severe disability using a wheelchair and which is also safe for and usable by people with other disabilities. Interior accessible routes include <i>corridors</i>, floors, ramps, elevators, lifts and clear floor space at fixtures. Exterior accessible routes include parking access aisles, curb ramps, walks, ramps and lifts. (1102.1)</p> <p>Accessible route: A path connecting all accessible elements and spaces in a building or facility that is usable by persons with physical disabilities. (A117.1 3.4)</p> <p>A117.1 4.3.2 Components A117.1 4.3.2.1 Accessible routes shall consist of one or more of the following components: Walking surfaces with a slope not steeper than 1:20, marked crossings at vehicular ways, clear floor space at accessible elements, access aisles, ramps, curb ramps and elevators. A117.1 4.3.2.2 All components of an accessible route shall comply with the applicable portions of this standard.</p>	<p>Accessible route is a continuous path connecting accessible elements and spaces in a building or facility that is usable by persons with disabilities. (1102)</p> <p>Accessible route: A path connecting all accessible elements and spaces in a building or facility that is usable by persons with physical disabilities. (A117.1 3.4)</p> <p>A117.1 4.3.2 Components A117.1 4.3.2.1 Accessible routes shall consist of one or more of the following components: Walking surfaces with a slope not steeper than 1:20, marked crossings at vehicular ways, clear floor space at accessible elements, access aisles, ramps, curb ramps and elevators. A117.1 4.3.2.2 All components of an accessible route shall comply with the applicable portions of this standard.</p>	<p>Accessible route: A continuous unobstructed path connecting all accessible elements and spaces in a building or facility, that can be negotiated by a person with a severe disability using a wheelchair, and that is also safe for and usable by people with other disabilities. (202)</p> <p>Accessible route: A path connecting all accessible elements and spaces in a building or facility that is usable by persons with physical disabilities. (A117.1 3.4)</p> <p>A117.1 4.3.2 Components A117.1 4.3.2.1 Accessible routes shall consist of one or more of the following components: Walking surfaces with a slope not steeper than 1:20, marked crossings at vehicular ways, clear floor space at accessible elements, access aisles, ramps, curb ramps and elevators. A117.1 4.3.2.2 All components of an accessible route shall comply with the applicable portions of this standard.</p>

	Fair Housing Accessibility Guidelines	ICC International Building Code 11-97 Draft / CABO A117.1-98	BOCA 1996 National Building Code CABO A117.1-92	ICBO 1997 Uniform Building Code CABO A117.1-1992	SBCCI 1997 Standard Bldg. Code CABO A117.1-92
6.	"Adaptable dwelling units", when used with respect to covered multifamily dwellings, means dwelling units that include the features of adaptable design specified in 24 CFR 100.205(c)(2)-(3).	Dwelling Unit, Type B. A dwelling unit designed and constructed for accessibility in accordance with CABO A117.1 and intended to be consistent with the intent of the Federal Fair Housing Amendments Act Accessibility Guidelines technical requirements. (1102.1)	Type B dwelling unit: A dwelling unit that is designed and constructed to provide a minimal level of accessibility in accordance with the applicable provisions of this chapter and the plumbing code listed in Chapter 35 (see Section 1107.4.2). (1102.1) Chapter 35 Referenced Standards IPC-95 ICC International Plumbing Code - with 1996 Supplement	Dwelling Unit-Type B is a dwelling unit that is designed and constructed for accessibility in accordance with Section 1106. (1102) Adaptability is the capability of altering or adding to certain building spaces and elements, such as kitchen counter, sinks and grab bars, to accommodate the needs of persons with and without disabilities, or to accommodate the needs of persons with different types or degrees of disability. (1102)	Dwelling Unit, Type B. A dwelling unit designed and constructed for accessibility in accordance with 1110. (202) Adaptability. The capability of certain building spaces and elements, such as kitchen counters, sinks and grab bars, to be altered or added so as to accommodate the needs of persons with and without disabilities, or to accommodate the needs of persons with different types or degrees of disability. (202)
7.	"ANSI A117.1-1986" means the 1986 edition of the American National Standard for buildings and facilities providing accessibility and usability for physically handicapped people.	Chapter 35 Referenced Standards CABO A117.1 - 1998 Accessible and Usable Buildings and Facilities	Chapter 35 Referenced Standards CABO A117.1-92 Accessible and Usable Buildings and Facilities	Chapter 35 Referenced Standards Part III Standards Adopted by Reference CABO A117.1-92 Accessible and Usable Buildings and Facilities	Chapter 35 Referenced Standards CABO A117.1-92 Accessible and Usable Buildings and Facilities
8.	"Assistive device" means an aid, tool, or instrument used by a person with disabilities to assist in activities of daily living. Examples of assistive devices include tongs, knob-turners, and oven-rack pusher/pullers.	<i>Term not defined</i>	<i>Term not defined</i>	<i>Term not defined</i>	<i>Term not defined</i>
9.	"Bathroom" means a bathroom which includes a water closet (toilet), lavatory (sink), and bathtub or shower. It does not include single-fixture facilities or those with only a water closet and lavatory. It does include a compartmented bathroom. A compartmented bathroom is one in which the fixtures are distributed among interconnected rooms. A compartmented bathroom is considered a single unit and is subject to the Act's requirements for bathrooms.	A117.1 1003.11 Toilet and Bathing Fixtures. Toilet and bathing fixtures shall comply with 1003.11.1 through 1003.11.3. Exception: Fixtures on levels not required to be accessible. A117.1 1003.11.3.1 Option A. Each fixture provided shall comply with 1003.11.3.1.1 through 1003.11.3.1.4. EXCEPTION: A lavatory and a water closet in a room containing only a lavatory and water closet, provided that the room does not contain the only lavatory or water closet on the accessible level of the dwelling unit. A117.1 1003.11.3.2 Option B. One of	IPC 405.3 Type B dwelling unit toilet and bathing facilities. Toilet and bathing facilities in dwelling units required to be Type B dwelling units shall comply with Sections 405.3.3 and 405.3.4, and either Section 405.3.1 or Section 405.3.2. This section shall not apply to facilities on levels not required to be accessible by the building code. IPC 405.3.2 Multiple accessible fixtures. Each fixture provided shall comply with Sections 405.3.2.1 through 405.3.2.4. A lavatory and a water closet located in a room containing only a lavatory and water closet shall not be required to comply with this section provided that the room does not contain the only lavatory or water closet on the accessible level of the dwelling unit. IPC 405.3.1 Single accessible fixtures. One of each type of fixture provided shall comply with Sections 405.3.1.1 through	1106.6 Toilet and Bathing Facilities. 1106.6.1 General. Toilet and bathing facilities in Type B dwelling units shall comply with Section 1106.2 through 1106.4 and this section. EXCEPTION: Facilities on levels not required to be accessible. 1106.6.4 Toilet and bathing fixtures. Toilet and bathing fixtures shall comply with either Section 1106.6.4.1 (Type A) or 1106.6.4.2 (Type B). 1106.6.4.1 Option A. Each fixture provided shall comply with this section. EXCEPTION: A lavatory and a water closet located in a room containing only a lavatory and water closet, provided that the room does not contain the only lavatory or water closet on the accessible level of the dwelling unit. 1106.6.4.2 Option B. One of each type of fixture provided shall comply with Section	1110.9 Toilet and Bathing Facilities. 1110.9.1 General. Toilet and bathing facilities in Type B dwelling units shall comply with 1110.3 through 1110.5, and with 1110.9. Exception: Facilities on levels not required to be accessible. 1110.9.4 Toilet and bathing fixtures. Toilet and bathing fixtures shall comply with either 1110.9.4.1 Option A or 1110.9.4.2 Option B. 1110.9.4.1 Option A. Each fixture provided shall comply with 1110.9.4.1. Exception: A lavatory and a water closet located in a room containing only a lavatory and water closet, provided the room does not contain the only lavatory or water closet on the accessible level of the dwelling unit.

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		each type of fixture provided shall comply with 1003.11.3.2.1 through 1003.11.3.2.3. The accessible fixtures shall be in a single toilet/bathing area, such that travel between fixtures does not require travel through other parts of the dwelling unit.	405.3.1.4. The accessible fixtures shall be located in a single toilet/bathing area and access shall not require travel through other parts of the dwelling unit.	1106.6.4.2. The accessible fixtures shall be located in a single toilet/bathing area.	1110.9.4.2 Option B. One of each type of fixture provided shall comply with 1110.9.4.2. The accessible fixtures shall be located in a single toilet/bathing area.
10.	"Building" means a structure, facility or portion thereof that contains or serves one or more dwelling units.	Building. Any structure used or intended for supporting or sheltering any use or occupancy. (IBC 201) Structure. That which is built or constructed. (201)	Building: Any structure occupied or intended for supporting or sheltering any occupancy. For application of this code, each portion of a building which is completely separated from other portions by fire walls complying with Section 707.0 shall be considered as a separate building. (202.0) Structure: That which is built or constructed or a portion thereof. (202.0)	Building is any structure used or intended for supporting or sheltering any use or occupancy. (203) Structure is that which is built or constructed, an edifice or building of any kind, or any piece of work artificially built up or composed of parts joined together in some definite manner. (220)	Building. Any structure that encloses a space used for sheltering any occupancy. Each portion of a building separated from other portions by a fire wall shall be considered as a separate building. (202) Structure. That which is built or constructed. (202)
11.	"Building entrance on an accessible route" means an accessible entrance to a building that is connected by an accessible route to public transportation stops, to parking or passenger loading zones, or to public streets or sidewalks, if available. A building entrance that complies with ANSI A117.1-1986 or a comparable standard complies with the requirements of this paragraph.	<i>Term not defined</i>	<i>Term not defined</i>	<i>Term not defined</i>	<i>Term not defined</i>
12.	"Clear" means unobstructed	<i>Term not defined</i>	Clear: unobstructed (A117.1 3.4)	Clear: unobstructed (A117.1 3.4)	Clear: unobstructed (A117.1 3.4)
13.	"Common use areas" means rooms, spaces or elements inside or outside of a building that are made available for the use of residents of a building or the guests thereof. These areas include hallways, lounges, lobbies, laundry rooms, refuse rooms, mail rooms, recreational areas and passageways among and between buildings. See Section 5, Requirement 2 of these guidelines.	Common-Use Areas. Rooms, spaces or elements that are made available for use by a specific group of people. (1102.1)	Common use: Those rooms, spaces, or elements that are made available for use of a specific group of people. (A117.1 3.4)	Common-use Areas are rooms, spaces or elements that are made available for use by a specific group of people. (1102) Common use: Those rooms, spaces, or elements that are made available for use of a specific group of people. (A117.1 3.4)	Common use: Those rooms, spaces, or elements that are made available for use of a specific group of people. (A117.1 3.4)
14.	"Covered multifamily dwellings" or "covered multifamily dwellings subject to the Fair Housing	<i>Term not defined</i> 1107.4.4 Accessible dwelling units. In	<i>Term not defined</i> 1107.4.2 Accessible dwelling units: In	<i>Term not defined</i> 1103.1.9.3 Multi-unit dwellings. In Group	<i>Term not defined</i> 1105.4.2 In Group R2 occupancies

	Fair Housing Accessibility Guidelines	ICC International Building Code 11-97 Draft / CABO A117.1-98	BOCA 1996 National Building Code CABO A117.1-92	ICBO 1997 Uniform Building Code CABO A117.1-1992	SBCCI 1997 Standard Bldg. Code CABO A117.1-92
	<p>Amendments" means buildings consisting of four or more dwelling units if such buildings have one or more elevators; and ground floor dwelling units in other buildings consisting of four or more dwelling units. Dwelling units within a single structure separated by firewalls do not constitute separate buildings</p>	<p>occupancies in Group R-2 containing four or more dwelling units and in occupancies in Group R-3 where there are four or more dwelling units in a single structure, every dwelling unit shall be a Type B dwelling unit. ...</p> <p>Exceptions: 1. Where no elevator service is provided in a building, Type B dwelling units need not be provided on floors other than the ground floor. 2. Where no elevator service is provided in a building and the ground floor does not contain dwelling units, only those dwelling units located on the lowest floor containing dwelling units need comply with the requirements of this section.</p>	<p>occupancies in Use Group R-2 containing four or more dwelling units and in occupancies in Use Group R-3 where there are four or more dwelling units in a single structure, all dwelling units shall be Type B dwelling units. ...</p> <p>Exceptions 2. The requirement for Type B dwelling units shall not apply to dwelling units that are both located above the first level containing dwelling units and that are not provided with elevator access thereto.</p>	<p>R, Division 1 Occupancies apartments containing four or more dwelling units and Group R, Division 3 Occupancies where there are four or more dwelling units in a single structure, all dwelling units shall be Type B dwelling units. ...</p> <p>Exceptions: 1. Where no elevator service is provided in a building, type B dwelling units need not be provided on floors other than the ground floor. 2. Where no elevator service is provided in a building and the ground floor does not contain dwelling units, only those dwelling units located on the first floor of either Group R, Division 1 apartments occupancies or Group R, Division 3 Occupancies need comply with the requirements of this section.</p>	<p>containing four or more dwelling units and Group R3 occupancies where there are four or more dwelling units in a single structure, all dwelling units shall be Type B dwelling units. ...</p> <p>Exception: 1. Requirements for Type B dwelling units shall not apply to dwelling units that are both located above the first level containing dwelling units and that are not provided with elevator access thereto.</p>
15.	<p>"Dwelling unit" means a single unit of residence for a household of one or more persons. Examples of dwelling units covered by these guidelines include: condominiums; an apartment unit within an apartment building; and other types of dwellings in which sleeping accommodations are provided but toileting or cooking facilities are shared by occupants of more than one room or portion of the dwelling. Examples of the latter include dormitory rooms and sleeping accommodations in shelters intended for occupancy as a residence for homeless persons.</p>	<p>Dwelling unit. A single unit providing complete, independent living facilities for one or more persons including permanent provisions for living, sleeping, eating, cooking and sanitation. (1102.1)</p>	<p>Dwelling unit: A single unit providing complete, independent living facilities for one or more persons, including permanent provisions for living, sleeping, eating, cooking and sanitation. (310.2)</p> <p>Dwelling unit: A single unit of residence that provides a kitchen or food preparation area, in addition to rooms and spaces for living, bathing, sleeping, and the like. (A117.1 3.4)</p>	<p>Dwelling unit is any building or portion thereof that contains living facilities, including provisions for sleeping, eating, cooking and sanitation, as required by this code, for not more than one family , or a congregate residence for 10 or less persons. (205)</p> <p>Dwelling unit: A single unit of residence that provides a kitchen or food preparation area, in addition to rooms and spaces for living, bathing, sleeping, and the like. (A117.1 3.4)</p>	<p>Dwelling unit. A single unit providing complete, independent living facilities for one or more persons including permanent provisions for living, sleeping, eating, cooking and sanitation. (202)</p> <p>Dwelling unit: A single unit of residence that provides a kitchen or food preparation area, in addition to rooms and spaces for living, bathing, sleeping, and the like. (A117.1 3.4)</p>
16.	<p>"Entrance" means any exterior access point to a building or portion of a building used by residents for the purpose of entering. For purposes of these guidelines, an "entrance" does not include a door to a loading dock or a door used primarily as a service entrance, even if nonhandicapped residents occasionally use that door to enter.</p>	<p><i>Term not defined</i></p>	<p><i>Term not defined</i></p>	<p><i>Term not defined</i></p>	<p><i>Term not defined</i></p>
17.	<p>"Finished grade" means the ground surface of the site after all</p>	<p>Grade Plane. A reference plane representing the average of finished ground</p>	<p>Grade Plane. A reference plane representing the average of finished ground level</p>	<p>Grade (Adjacent Ground Elevation) is the lowest point of elevation of the finished</p>	<p>Grade Plane. A reference plane representing the average of finished</p>

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	construction, leveling, grading, and development has been completed.	level adjoining the building at all exterior walls. Where the finished ground level slopes away from the exterior walls, the reference plane shall be established by the lowest points within the area between the building and the lot line or, where the lot line is more than 6 feet (1829 mm) from the building, between the building and a point 6 feet (1829 mm) from the building. (201)	adjoining the building at all exterior walls. Where the finished ground level slopes away from the exterior walls, the reference plane shall be established by the lowest points within the area between the building and the lot line or, where the lot line is more than 6 feet (1829 mm) from the building, between the building and a point 6 feet (1829 mm) from the building. (502.1)	surface of the ground, paving or sidewalk within the area between the building and the property line or, when the property line is more than 5 feet (1524 mm) from the building, between the building and a line 5 feet (1524 mm) from the building. (208)	ground level adjoining the building at all exterior walls. Where the finished ground level slopes away from the exterior walls, the reference plane shall be established by the lowest points within the area between the building and the lot line or between the building and a point 6 ft (1829 mm) from the building, whichever is closer to the building. (202)
18.	<p>"Ground floor" means a floor of a building with a building entrance on an accessible route. A building may have one or more ground floors. Where the first floor containing dwelling units in a building is above grade, all units on that floor must be served by a building entrance on an accessible route. This floor will be considered to be a ground floor.</p>	<p>Dwelling Unit, Ground Floor. A dwelling unit with a primary entrance and habitable space at grade. (1102.1)</p> <p>1107.4.4 Accessible dwelling units. In occupancies in Group R-2 containing four or more dwelling units and in occupancies in Group R-3 where there are four or more dwelling units in a single structure, every dwelling unit shall be a Type B dwelling unit. ...</p> <p>Exceptions:</p> <ol style="list-style-type: none"> 1. Where no elevator service is provided in a building, Type B dwelling units need not be provided on floors other than the ground floor. 2. Where no elevator service is provided in a building and the ground floor does not contain dwelling units, only those dwelling units located on the lowest floor containing dwelling units need comply with the requirements of this section. 	<p>Ground floor dwelling unit: For application of the accessibility requirements, this term shall mean a <i>dwelling unit</i> with a primary entrance and <i>habitable space</i> at ground level or the lowest floor containing dwelling units, whether that floor is at or above grade. (1102.1)</p> <p>1107.4.2 Accessible dwelling units: In occupancies in Use Group R-2 containing four or more dwelling units and in occupancies in Use Group R-3 where there are four or more dwelling units in a single structure, all dwelling units shall be Type B dwelling units. ...</p> <p>Exceptions</p> <ol style="list-style-type: none"> 2. The requirement for Type B dwelling units shall not apply to dwelling units that are both located above the first level containing dwelling units and that are not provided with elevator access thereto. 	<p>Ground floor dwelling unit is a dwelling unit with a primary entrance and habitable space at grade. (1102)</p> <p>1103.1.9.3 Multi-unit dwellings. In Group R, Division 1 Occupancies apartments containing four or more dwelling units and Group R, Division 3 Occupancies where there are four or more dwelling units in a single structure, all dwelling units shall be Type B dwelling units. ...</p> <p>Exceptions:</p> <ol style="list-style-type: none"> 1. Where no elevator service is provided in a building, type B dwelling units need not be provided on floors other than the ground floor. 2. Where no elevator service is provided in a building and the ground floor does not contain dwelling units, only those dwelling units located on the first floor of either Group R, Division 1 apartments occupancies or Group R, Division 3 Occupancies need comply with the requirements of this section. 	<p>Ground floor dwelling unit: A dwelling unit with a primary entrance and habitable space at grade. (202)</p> <p>1105.4.2 In Group R2 occupancies containing four or more dwelling units and Group R3 occupancies where there are four or more dwelling units in a single structure, all dwelling units shall be Type B dwelling units. ...</p> <p>Exceptions:</p> <ol style="list-style-type: none"> 1. Requirements for Type B dwelling units shall not apply to dwelling units that are both located above the first level containing dwelling units and that are not provided with elevator access thereto.
19.	<p>"Handicap" means, with respect to a person, a physical or mental impairment which substantially limits one or more major life activities; a record of such an impairment; or being regarded as having such an impairment. This term does not include current, illegal use of or addiction to a controlled substance. For purposes of these guidelines, an individual shall not be considered to have a handicap solely</p>	<p><i>Term not defined</i></p>	<p><i>Term not defined</i></p> <p>Physically disabled person: An individual who has a physical impairment, including impaired sensory, manual or speaking abilities, that results in a functional limitation in gaining access to and using a building or facility. (1102.1)</p>	<p><i>Term not defined</i></p> <p>Person with Disability is an individual who has an impairment, including a mobility, sensory or cognitive impairment, that results in a functional limitation in access to and use of a building or facility. (1102)</p>	<p><i>Term not defined</i></p> <p>Physically disabled person. An individual who has a physical impairment, including impaired sensory, manual, or speaking abilities, that results in a functional limitation in gaining access to and using a building or facility. (202)</p>

	Fair Housing Accessibility Guidelines	ICC International Building Code 11-97 Draft / CABO A117.1-98	BOCA 1996 National Building Code CABO A117.1-92	ICBO 1997 Uniform Building Code CABO A117.1-1992	SBCCI 1997 Standard Bldg. Code CABO A117.1-92
	because that individual is a transvestite. As used in this definition:				
20.	<p>(a) "Physical or mental impairment" includes:</p> <p>(1) Any physiological disorder or condition, cosmetic disfigurement, or anatomical loss affecting one or more of the following body systems: Neurological; musculoskeletal; special sense organs; respiratory, including speech organs; cardiovascular; reproductive; digestive; genito-urinary; hemic and lymphatic; skin; and endocrine; or</p> <p>(2) Any mental or psychological disorder, such as mental retardation, organic brain syndrome, emotional or mental illness, and specific learning disabilities. The term "physical or mental impairment" includes, but is not limited to, such diseases and conditions as orthopedic, visual, speech and hearing impairments, cerebral palsy, autism, epilepsy, muscular dystrophy, multiple sclerosis, cancer, heart disease, diabetes, Human Immunodeficiency Virus infection, mental retardation, emotional illness, drug addiction (other than addiction caused by current, illegal use of a controlled substance) and alcoholism. These guidelines are designed to make units accessible or adaptable for people with physical handicaps.</p>	<i>Term not defined</i>	<i>Term not defined</i>	<i>Term not defined</i>	<i>Term not defined</i>
21.	<p>(b) "Major life activities" means functions such as caring for one's self, performing manual tasks, walking, seeing, hearing, speaking, breathing, learning and working.</p>	<i>Term not defined</i>	<i>Term not defined</i>	<i>Term not defined</i>	<i>Term not defined</i>
22.	<p>(c) "Has a record of such an impairment" means has a history of, or has been misclassified as having, a mental or physical impairment that substantially limits one or more major life activities.</p>	<i>Term not defined</i>	<i>Term not defined</i>	<i>Term not defined</i>	<i>Term not defined</i>

	Fair Housing Accessibility Guidelines	ICC International Building Code 11-97 Draft / CABO A117.1-98	BOCA 1996 National Building Code CABO A117.1-92	ICBO 1997 Uniform Building Code CABO A117.1-1992	SBCCI 1997 Standard Bldg. Code CABO A117.1-92
23.	<p>(d) "Is regarded as having an impairment" means:</p> <p>(1) Has a physical or mental impairment that does not substantially limit one or more major life activities but that is treated by another person as constituting such a limitation;</p> <p>(2) Has a physical or mental impairment that substantially limits one or more major life activities only as a result of the attitudes of others toward such impairment; or</p> <p>(3) Has none of the impairments defined in paragraph (a) of this definition but is treated by another person as having such an impairment.</p>	<i>Term not defined</i>	<i>Term not defined</i>	<i>Term not defined</i>	<i>Term not defined</i>
24.	<p>"Loft" means an intermediate level between the floor and ceiling of any story, located within a room or rooms of a dwelling.</p>	<p>Mezzanine. An intermediate level or levels between the floor and ceiling of any story with an aggregate floor area of not more than one-third of the area of the room or space in which the level or levels are located. (502.1)</p>	<p>Mezzanine: An intermediate level or levels between the floor and ceiling of any story with an aggregate floor area of not more than one-third of the area of the room in which the level or levels are located. (502.1)</p>	<p>Mezzanine or Mezzanine floor is an intermediate floor placed within a room. (214)</p> <p>507 Mezzanines.... 3. The aggregate area of mezzanines within a room shall not exceed one third of the room in which they are located.</p>	<p>Mezzanine. One or more intermediate levels between the floor and ceiling of a story, meeting the requirements of 503.2.3. (202)</p> <p>503.2.3 Mezzanines. A mezzanine shall not be counted as a story when it meets the following requirements: ...</p> <p>503.2.3.2 The total area of mezzanines within a room shall not exceed one-third that of the room or space in which they are located. ...</p>
25.	<p>"Multistory dwelling unit" means a dwelling unit with finished living space located on one floor and the floor or floors immediately above or below it.</p>	<p>Dwelling unit, multistory. A dwelling unit with habitable or bathroom space located on more than one story. (1102.1)</p>	<p>Multistory dwelling unit: For application of the accessibility requirements, this term shall mean a dwelling unit with habitable or bathroom space located on more than one story. (1102.1)</p>	<p>Multistory dwelling unit is a dwelling unit with habitable or bathroom space located on more than one story. (1102)</p>	<p>Multistory dwelling unit. A dwelling unit with habitable or bathroom space located on more than one story. (202)</p>
26.	<p>"Public use areas" means interior or exterior rooms or spaces of a building that are made available to the general public. Public use may be provided at a building that is privately or publicly owned.</p>	<p>Public-use areas. Interior or exterior rooms or spaces that are made available to the general public. (1102.1)</p>	<p>Public use: Describes rooms or spaces that are made available to the general public. (A117.1 3.4)</p>	<p>Public-use areas are rooms or spaces that are made available to the general public. (1102)</p> <p>Public use: Describes rooms or spaces that are made available to the general public. (A117.1 3.4)</p>	<p>Public use: Describes rooms or spaces that are made available to the general public. (A117.1 3.4)</p>
27.	<p>"Single-story dwelling unit" means a dwelling unit with all finished living space located on one floor.</p>	<i>Term not defined</i>	<i>Term not defined</i>	<i>Term not defined</i>	<i>Term not defined</i>
28.	<p>"Site" means a parcel of land bounded by a property line or a</p>	<p>Site. A parcel of land bounded by a property line or a designated portion of a</p>	<p>Site: A parcel of land bounded by a lot line or a designated portion of a public</p>	<p>Site is a parcel of land bounded by a property line or a designated portion of a</p>	<p>Site. A parcel of land bounded by a property line or a designated portion of a</p>

	Fair Housing Accessibility Guidelines	ICC International Building Code 11-97 Draft / CABO A117.1-98	BOCA 1996 National Building Code CABO A117.1-92	ICBO 1997 Uniform Building Code CABO A117.1-1992	SBCCI 1997 Standard Bldg. Code CABO A117.1-92
	designated portion of a public right of way.	public right-of- way. (1102.1)	right-of-way. (1102.1)	public right-of-way. (1102)	public right-of-way. (202)
29.	"Slope" means the relative steepness of the land between two points and is calculated as follows: The distance and elevation between the two points (e.g., an entrance and a passenger loading zone) are determined from a topographical map. The difference in elevation is divided by the distance and that fraction is multiplied by 100 to obtain a percentage slope figure. For example, if a principal entrance is ten feet from a passenger loading zone, and the principal entrance is raised one foot higher than the passenger loading zone, then the slope is 1/10 x 100 = 10%.	<i>Term not defined</i>	<i>Term not defined</i>	<i>Term not defined</i>	<i>Term not defined</i>
30.	"Story" means that portion of a dwelling unit between the upper surface of any floor and the upper surface of the floor next above, or the roof of the unit. Within the context of dwelling units, the terms "story" and "floor" are synonymous.	Story. That portion of a building included between the upper surface of a floor and the upper surface of the floor or roof next above (also see "Mezzanine"). It is measured as the vertical distance from top to top of two successive tiers of beams or finished floor surfaces; and, for the topmost story, from the top of the floor finish to the top of the ceiling joists or, where there is not a ceiling, to the top of the roof rafters. (202.18)	Story: The vertical distance from top to top of two successive tiers of beams or finished floor surfaces; and, for the topmost story, from the top of the floor finish to the top of the ceiling joists or, where there is not a ceiling, to the top of the roof rafters. (502.1)	Story is that portion of a building included between the upper surface of any floor and the upper surface of the floor next above, except that the topmost story shall be that portion of a building included between the upper surface of the topmost floor and the ceiling or roof above. If the finished floor level directly above a usable or unused under-floor space is more than 6 feet (1829 mm) above grade, as defined herein, for more than 50 percent of the total perimeter or is more than 12 feet (3658 mm) above grade, as defined herein, at any point, such usable or unused under-floor space shall be considered as a story. (220)	Story. That portion of a building included between the upper surface of a floor and upper surface of the floor or roof next above. (202)
31.	"Undisturbed site" means the site before any construction, leveling, grading, or development associated with the current project	<i>Term not defined</i>	<i>Term not defined</i>	<i>Term not defined</i>	<i>Term not defined</i>
32.	"Vehicular or pedestrian arrival points" means public or resident parking areas, public transportation stops, passenger loading zones, and public streets or sidewalks	<i>Term not defined</i>	<i>Term not defined</i>	<i>Term not defined</i>	<i>Term not defined</i>
33.	"Vehicular route" means a route intended for vehicular traffic, such as a street, driveway or parking lot.	Vehicular Way. A route provided for vehicular traffic. (A117.1 106.5)	Vehicular way: A route provided for vehicular traffic. (A117.1 3.4)	Vehicular way: A route provided for vehicular traffic. (A117.1 3.4)	Vehicular way: A route provided for vehicular traffic. (A117.1 3.4)

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34.	Section 3. Fair Housing Act Design and Construction Requirements <i>(Not included)</i>				
35.	Section 4. Application of the Guidelines				
36.	<p>The design specifications (guidelines) presented in Section 5 apply to new construction of "covered multifamily dwellings", as defined in Section 2. These guidelines are recommended for designing dwellings that comply with the requirements of the Fair Housing Amendments Act of 1988.</p>	<p>1101 General 1101.1 Scope. The provisions of this chapter shall control the design and construction of facilities for accessibility to physically disabled persons. 1101.2 Design. Details, dimensions and construction specifications for items herein shall comply with this code, and CABO A117.1. 1103 Scoping Requirements 1103.1 Where required. Buildings and structures, temporary or permanent, including their associated sites and facilities, shall be accessible to persons with physical disabilities. 1103.2 General exceptions. Sites, buildings, facilities and elements shall be exempt from these guidelines to the extent specified in this Section. 1103.2.1 Specific requirements. Accessibility is not required in buildings and facilities, or portions thereof, to the extent permitted by Sections 1104 through 1109. Chapter 34 (1110.5 in working draft) Exception: Type B dwelling units required by Section 1107.4.6 are not required to be provided in existing buildings and facilities. 1107.4.4 Accessible dwelling units. ... Type A and Type B dwelling units shall comply with CABO A117.1.</p>	<p>1101.0 General 1101.1 Scope: The provisions of this chapter shall control the design and construction of facilities for accessibility to physically disabled persons. Facilities that comply with this chapter and CABO A117.1 shall be considered accessible. 1103.2 Standard. Details, dimensions, and construction specifications for items required by this section shall comply with CABO A117.1 listed in Chapter 35. 1103.0 Applicability 1103.1 Where required: All buildings and structures, including their associated sites and facilities, shall be accessible to persons with physical disabilities including, but not limited to, occupants, employees, students, spectators, participants and visitors. Exceptions: 1. Accessibility is not required in buildings and facilities, or portions thereof, to the extent permitted by Sections 1104.0 through 1110.0. Type A dwelling unit: An accessible dwelling unit that is designed and constructed in accordance with the applicable provisions of this chapter and CABO A117.1 listed in Chapter 35. (1102.0) Type B dwelling unit: A dwelling unit that is designed and constructed to provide a minimal level of accessibility in accordance with the applicable provisions of this chapter</p>	<p>1101 Scope 1101.1 General. Buildings or portions of buildings shall be accessible to persons with disabilities as required by this chapter. ... 1101..2 Standards of Quality. The standard listed below labeled an "Adopted Standard" is also listed in Chapter 35, Part III, and is part of this code. 1. Accessible Design Adopted Standard - CABO/ANSI A117.1-1992 1101.3 Design. The design and construction of accessible buildings and building elements shall be in accordance with this chapter and CABO/ANSI A117.1-1992. For a building to be considered accessible, it shall be designed and constructed to the minimum provisions of this chapter and CABO/ANSI A117.1. Exception: Type B dwelling units shall comply with Section 1106. Appendix Chapter 11 ACCESSIBILITY 1112 ALTERATIONS 1112.1.1 Compliance. Alterations to existing buildings or facilities shall comply with this section. ... Exception: Alterations to Group R, Division 1 apartment occupancies need not comply with this section. Dwelling unit, Type A is a dwelling unit that is designed and constructed in accordance with CABO/ANSI A117.1. (1102) Dwelling unit, Type B is a dwelling unit that is designed and constructed in accordance with Section 1106. (1102)</p>	<p>1101 General 1101.1 Scope 1101.1.1 Provisions of this chapter shall govern the design and construction for accessibility to physically disabled persons. These provisions are not applicable in areas where state mandated accessibility requirements are in effect. 1101.1.4 Details, dimensions, and construction specifications for items herein shall comply with the requirements of CABO A117.1. Exception: Type B dwelling units complying with 1110. 1101.1.2 All buildings and structures, including their associated sites and facilities, shall be accessible with accessible means of egress for people with physical disabilities, as required in these provisions. Exceptions: 1. Buildings and facilities or portions thereof not required to be accessible in 1103, 1104, 1105, and 1106. 1101.1.3 This section sets minimum requirements for the application of standards for facility accessibility for all persons, including but not limited to occupants, employees, consumers, students, spectators, participants and visitors. Dwelling unit, Type A is a dwelling unit that is designed and constructed for accessibility in accordance with CABO/ANSI A117.1. (202) Dwelling unit, Type B is a dwelling unit that is designed and constructed in</p>

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		Dwelling units required to be Type B dwelling units shall be permitted to be designed and constructed as Type A dwelling units.	and the plumbing code listed in Chapter 35 (see Section 1107.4.2). (1102.0) 1107.4.2 Accessible dwelling units:... Exceptions: 6. Dwelling units required to be Type B dwelling units shall be permitted to be designed and constructed as Type A dwelling units.	1106.1 General. Type B dwelling units, when required, shall comply with this section. Exception: Type B dwelling units designed and constructed as Type A dwelling units.	accordance with 1110. (202) 1110.1 General. Type B dwelling units, when required, shall comply with this section. Exception: Type B dwelling units designed and constructed as Type A dwelling units.

	Fair Housing Accessibility Guidelines	ICC International Building Code 11-97 Draft / CABO A117.1-98	BOCA 1996 National Building Code CABO A117.1-92	ICBO 1997 Uniform Building Code CABO A117.1-1992	SBCCI 1997 Standard Bldg. Code CABO A117.1-92
37.	Section 5. Guidelines				
38.	Requirement 1. Accessible building entrance on an accessible route.				
39.	Under section 100.205(a), covered multifamily dwellings shall be designed and constructed to have at least one building entrance on an accessible route, unless it is impractical to do so because of terrain or unusual characteristics of the site.				
40.	<p>Guidelines</p> <p>(1) Building entrance. Each building on a site shall have at least one building entrance on an accessible route unless prohibited by the terrain, as provided in paragraphs (2)(a)(i) or (2)(a)(ii), or unusual characteristics of the site, as provided in paragraph (2)(b). This guideline applies both to a single building on a site and to multiple buildings on a site.</p> <p>(a) Separate ground floor unit entrances. When a ground floor unit of a building has a separate entrance, each such ground floor unit shall be served by an accessible route, except for any unit where the terrain or unusual characteristics of the site prohibit the provision of an accessible route to the entrance of that unit.</p> <p>(b) Multiple entrances. Only one entrance is required to be accessible to any one ground floor of a building, except in cases where an individual dwelling unit has a separate exterior entrance, or where the building contains clusters of dwelling units, with each cluster sharing a different exterior entrance. In these cases, more than one entrance may be required to be accessible, as determined by analysis of the site. In every case, the</p>	<p>1105 Accessible Entrances</p> <p>1105.1 Required. At least 50 percent but not less than one entrance to each building and structure, and each separate tenant space within the building or structure, shall comply with the accessible route provisions of this chapter.</p> <p>Exceptions:</p> <p>1. Entrances to spaces not required to be accessible as provided for in Section 1107.</p> <p>2. Loading and service entrances that are not the only entrance to a building or to a tenant space.</p> <p>1105.2 Multiple accessible entrances. Where a building or facility has entrances which normally serve accessible parking facilities, transportation facilities, passenger loading zones, taxi stands, public streets and sidewalks, tunnels or elevated walkways, or accessible interior vertical access, then at least one of the entrances serving each such function shall comply with the accessible route provisions of this chapter.</p> <p>A117.1 1003 Type B Dwelling Units</p> <p>A117.1 1003.1 General. Type B dwelling units shall comply with 1003.</p> <p>A117.1 1003.2 Primary Entrance. The accessible primary entrance shall be on an accessible route from public and common areas. The primary entrance shall not be to a bedroom.</p>	<p>1106.0 Accessible Entrances</p> <p>1106.1 Required: At least 50 percent but not less than one entrance to each building and structure, and each separate tenant space within the building or structure, shall comply with the accessible route provisions of CABO A117.1 listed in Chapter 35.</p> <p>Exceptions</p> <p>1. Entrances to spaces not required to be accessible as provided for in Section 1107.0.</p> <p>2. Loading and service entrances.</p> <p>1106.2 Multiple accessible entrances: Where a building or facility has entrances which normally serve accessible parking facilities, transportation facilities, passenger loading zones, taxi stands, public streets and sidewalks, or accessible interior vertical access, then at least one of the entrances serving each such function shall comply with the accessible route provisions of CABO A117.1 listed in Chapter 35.</p> <p>1107.4.3 Accessible route: In occupancies in Use Groups R-2 and R-3, at least one accessible route shall connect accessible building or facility entrances with all accessible dwelling units within the building or facility and with those exterior and interior spaces and facilities that serve the accessible dwelling unit.</p>	<p>1103.2.3 Accessible Entrances</p> <p>Each building and structure, and each separate tenancy within a building or structure, shall be provided with at least one entrance that complies with the accessible route provisions of CABO/ANSI A117.1. A least 50% of all entrances shall be accessible.</p> <p>Exceptions:</p> <p>2. Entrances to spaces not required to be accessible as provided for in Section 1103.</p> <p>1. Entrances used exclusively for loading and service.</p> <p>When a building or facility has entrances that normally serve accessible parking facilities, transportation facilities, passenger loading zones, taxi stands, public streets and sidewalks, or accessible interior vertical access, then at least one of the entrances serving each such function shall comply with the accessible route provisions of CABO/ANSI A117.1.</p> <p>The primary entrance to either a Type A or Type B dwelling unit shall be located on an accessible route from public or common areas. The primary entrance shall not be to a bedroom.</p>	<p>1103.2 Entrances</p> <p>1103.2.1 In each building and structure, and each separate tenancy within a building or structure, at least 50% of its entrances, but not less than one, shall comply with the accessible route provisions of CABO/ANSI A117.1.</p> <p>Exceptions:</p> <p>1. Entrances to spaces not required to be accessible as provided for in 1105.4.</p> <p>2. Loading and service entrances.</p> <p>1103.2.2 When a building or facility has entrances which normally serve accessible parking facilities, transportation facilities, passenger loading zones, taxi stands, public streets and sidewalks, or accessible interior vertical access, then at least one of the entrances serving each such function shall comply with the accessible route provisions of CABO/ANSI A117.1.</p> <p>1110 Type B Dwelling Units</p> <p>1110.1 General. Type B dwelling units shall comply with 1110.</p> <p>1110.2 Primary Entrance. The accessible primary entrance shall be on an accessible route from public and common areas. The primary entrance shall not be to</p>

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	accessible entrance should be on an accessible route to the covered dwelling units it serves.				a bedroom.
41.	<p>(2) Site impracticality. Covered multifamily dwellings with elevators shall be designed and constructed to provide at least one accessible entrance on an accessible route, regardless of terrain or unusual characteristics of the site. Covered multifamily dwellings without elevators shall be designed and constructed to provide at least one accessible entrance on an accessible route unless terrain or unusual characteristics of the site are such that the following conditions are found to exist:</p>	<p>1107.4.4 Accessible dwelling units. In occupancies in Group R-2 containing four or more dwelling units and in occupancies in Group R-3 where there are four or more dwelling units in a single structure, every dwelling unit shall be a Type B dwelling unit. ...</p> <p>Exceptions:</p> <p>1. Where no elevator service is provided in a building, Type B dwelling units need not be provided on floors other than the ground floor.</p> <p>2. Where no elevator service is provided in a building and the ground floor does not contain dwelling units, only those dwelling units located on the lowest floor containing dwelling units need comply with the requirements of this section.</p> <p>3. A multistory dwelling unit which is not provided with elevator service is not required to comply with requirements for Type B dwelling units. Where a multistory dwelling unit is provided with elevator service to only one floor, the floor provided with elevator service shall comply with the requirements for a Type B dwelling unit, and a toilet facility shall be provided on that floor.</p> <p>1107.4.5 Accessible route. In occupancies in Groups R-2 and R-3, at least one accessible route shall connect accessible building or facility entrances with the primary entrance of each accessible dwelling units within the building or facility and with those exterior and interior spaces and facilities that serve the accessible dwelling unit.</p>	<p>1107.4.2 Accessible dwelling units: In occupancies in Use Group R-2 containing four or more dwelling units and in occupancies in Use Group R-3 where there are four or more dwelling units in a single structure, all dwelling units shall be Type B dwelling units. ...</p> <p>Exceptions:</p> <p>2. The requirement for Type B dwelling units shall not apply to dwelling units that are both located above the first level containing dwelling units and that are not provided with elevator access thereto.</p> <p>1. In buildings without elevators, multistory dwelling units are not required to comply with the requirements for Type B dwelling units. Where a multistory dwelling unit is provided with elevator service to only one floor, the floor provided with elevator service shall comply with the requirements for a Type B dwelling unit and a toilet facility shall be provided on that floor.</p> <p>1107.4.3 Accessible route: In occupancies in Use Groups R-2 and R-3, at least one accessible route shall connect accessible building or facility entrances with all accessible dwelling units within the building or facility and with those exterior and interior spaces and facilities that serve the accessible dwelling unit.</p>	<p>1103.1.9.3 Multi-unit dwellings In Group R, Division 1 Occupancies apartments containing four or more dwelling units and Group R, Division 3 Occupancies where there are four or more dwelling units in a single structure, all dwelling units shall be Type B dwelling units.</p> <p>Exceptions:</p> <p>1. Where no elevator service is provided in a building, type B dwelling units need not be provided on floors other than the ground floor.</p> <p>2. Where no elevator service is provided in a building and the ground floor does not contain dwelling units, only those dwelling units located on the first floor of either Group R, Division 1 apartments occupancies or Group R, Division 3 Occupancies need comply with the requirements of this section</p> <p>3. A multistory dwelling unit not provided with elevator service is not required to comply with requirements for Type B dwelling units. Where a multistory dwelling unit is provided with elevator service to only one floor, the floor provided with elevator service shall comply with the requirements for a Type B dwelling unit, and a toilet facility shall be provided on that floor.</p> <p>1103.2.2 Accessible route. When a building, or portion of a building, is required to be accessible, an accessible route shall be provided to all portions of the building, to accessible building entrances, connected accessible pedestrian walkways and the public way. ...</p>	<p>1105.4.2 In Group R2 occupancies containing four or more dwelling units and Group R3 occupancies where there are four or more dwelling units in a single structure, all dwelling units shall be Type B dwelling units. ...</p> <p>Exceptions:</p> <p>1. Requirements for Type B dwelling units shall not apply to dwelling units that are both located above the first level containing dwelling units and that are not provided with elevator access thereto.</p> <p>2. A multistory dwelling unit which is not provided with elevator service is not required to comply with requirements for Type B dwelling units. Where a multistory dwelling unit is provided with elevator service to only one floor, the floor provided with elevator service shall comply with the requirements for a Type B dwelling unit and a toilet facility shall be provided.</p> <p>1105.4.4 At least one accessible route shall connect accessible building or facility entrances with all accessible dwelling units within the building or facility and with those accessible exterior and interior spaces and facilities that serve the accessible or adaptable dwelling unit.</p>
42.	<p>(a) Site impracticality due to terrain. There are two alternative tests for determining site impracticality due to terrain: the individual building test provided in</p>	<p>1107.4.4 Accessible dwelling units. ...</p> <p>Exceptions:</p> <p>1. Where no elevator service is provided in a building, Type B dwelling units need not be provided on floors other than the ground</p>	<p>1107.4.2 Accessible dwelling units...</p> <p>Exceptions:</p> <p>2. The requirement for Type B dwelling units shall not apply to dwelling units that are both located above the first level</p>	<p>1103.1.9.3 Multi-unit dwellings ...</p> <p>Exceptions:</p> <p>1. Where no elevator service is provided in a building, type B dwelling units need not be provided on floors other than the ground</p>	<p>1105.4.2 ...</p> <p>Exceptions:</p> <p>1. Requirements for Type B dwelling units shall not apply to dwelling units that are both located above the first level</p>

	Fair Housing Accessibility Guidelines	ICC International Building Code 11-97 Draft / CABO A117.1-98	BOCA 1996 National Building Code CABO A117.1-92	ICBO 1997 Uniform Building Code CABO A117.1-1992	SBCCI 1997 Standard Bldg. Code CABO A117.1-92
	<p>paragraph (i), or the site analysis test provided in paragraph (ii). These tests may be used as follows.</p> <p>A site with a single building having a common entrance for all units may be analyzed only as described in paragraph (i).</p> <p>All other sites, including a site with a single building having multiple entrances serving either individual dwelling units or clusters of dwelling units, may be analyzed using the methodology in either paragraph (i) or paragraph (ii). For these sites for which either test is applicable, regardless of which test is selected, at least 20% of the total ground floor units in nonelevator buildings, on any site, must comply with the guidelines.</p>	<p>floor.</p> <p>4. The number of Type B dwelling units provided in multiple non-elevator buildings on a single site is allowed to be reduced to a percentage of the ground floor units which is equal to the percentage of the entire site having grades, prior to development, which are 10 percent or less; but in no case shall the number of Type B units be less than 20 percent of the ground floor dwelling units on the entire site.</p> <p>5. The required number of Type A and Type B dwelling units shall not apply to a site where the lowest floor or the lowest structural building members is required to be at or above the base flood elevation resulting in:</p> <p>5.1 A difference in elevation between the minimum required floor elevation at the primary entrances and vehicular and pedestrian arrival points within 50 feet (15 240 mm) exceeding 30 inches (762 mm). 5.2 A slope exceeding 10 percent between the minimum required floor elevation at the primary entrances and vehicular and pedestrian arrival points within 50 feet (15 240 mm).</p> <p>Where no such arrival points are within 50 feet (15 240 mm) of the primary entrances, the closest arrival point shall be used.</p>	<p>containing dwelling units and that are not provided with elevator access thereto. 3. Where multiple buildings on a site are each not equipped with elevators, the percentage of required ground floor Type B dwelling units shall be equal to the percentage of buildings on the entire site having site grades of 10 percent or less. The site grade shall be based on the site conditions prior to development. In no case shall the number of Type B dwelling units be less than 20 percent of the ground floor dwelling units on the entire site.</p> <p>4. In areas where buildings are required to be constructed in accordance with Section 3107.0, the required number of Type A and Type B <i>dwelling units</i> shall not apply to a site where the lowest floor or the lowest structural building member is required to be at or above the base flood elevation resulting in:</p> <p>4.1. A difference in elevation between the minimum required floor elevation at the primary entrances and all vehicular and pedestrian arrival points within 50 feet (15240 mm) exceeding 30 inches (762 mm); and 4.2. A slope exceeding 10 percent between the minimum required floor elevation at the primary entrances and all vehicular and pedestrian arrival points within 50 feet (15240 mm).</p> <p>Where no such arrival points are within 50 feet (15240 mm) of the primary entrances, the closest arrival point shall be used.</p>	<p>floor.</p> <p>4. The number of Type B dwelling units provided in multiple non-elevator buildings on a single site may be reduced to a percentage of the ground floor units that is equal to the percentage of the entire site having grades, prior to development, that are 10 percent or less, but in no case shall the number of Type B units be less than 20 percent of the ground floor dwelling units on the entire site.</p> <p>5. The required number of Type A and Type B dwelling units shall not apply to a site where the lowest floor or the lowest structural building members is required to be at or above the base floor elevation resulting in:</p> <p>5.1 A difference in elevation between the minimum required floor elevation at the primary entrances and all vehicular and pedestrian arrival points within 50 feet (1524 mm) exceeding 20 inches (762 mm). 5.2 A slope exceeding 10 percent between the minimum required floor elevation at the primary entrances and all vehicular and pedestrian arrival points within 50 feet (1425 mm).</p> <p>Where no such arrival points are within 50 feet (1524 mm) of the primary entrances, the closest arrival point shall be used.</p>	<p>containing dwelling units and that are not provided with elevator access thereto. 3. The required number of Type B dwelling units provided in multiple nonelevator buildings on a single site shall be reduced to a percentage of the ground floor units which is equal to the percentage of the entire site having grades which are 10% or less prior to development, but in no case shall the number of Type B dwelling units be less than 20% of the ground floor dwelling units on the entire site.</p> <p>4. The required number of Type A and Type B dwelling units shall not apply to a site where the lowest floor or the lowest structural building member is required to be at or above the base flood elevation resulting in:</p> <p>4.1 A difference in elevation between the minimum required floor elevation at the primary entrances and all vehicular and pedestrian arrival points within 50 ft (15240 mm) exceeding 30 inches (762 mm), or 4.2 A slope exceeding 10% between the minimum required floor elevation at the primary entrances and all vehicular and pedestrian arrival points within 50 ft (15240 mm).</p> <p>Where no such arrival points are within 50 ft (15240 mm) of the primary entrances, the closet arrival point shall be used.</p>
43.	<p>(i) Individual building test. It is impractical to provide an accessible entrance served by an accessible route when the terrain of the site is such that:</p> <p>(A) the slopes of the undisturbed site measured between the planned entrance and all vehicular or pedestrian arrival points within 50 feet of the planned entrance exceed</p>	<p>1107.4.4 Accessible dwelling units. ... Exceptions:</p> <p>1. Where no elevator service is provided in a building, Type B dwelling units need not be provided on floors other than the ground floor.</p> <p>4. The number of Type B dwelling units provided in multiple non-elevator buildings on a single site is allowed to be reduced to a</p>	<p>1107.4.2 Accessible dwelling units... Exceptions:</p> <p>2. The requirement for Type B dwelling units shall not apply to dwelling units that are both located above the first level containing dwelling units and that are not provided with elevator access thereto. 3. Where multiple buildings on a site are each not equipped with elevators, the percentage of required ground floor Type B dwelling units shall be equal to the percentage of</p>	<p>1103.1.9.3 Multi-unit dwellings ... Exceptions:</p> <p>1. Where no elevator service is provided in a building, type B dwelling units need not be provided on floors other than the ground floor.</p> <p>4. The number of Type B dwelling units provided in multiple non-elevator buildings on a single site may be reduced to a</p>	<p>1105.4.2 ... Exceptions:</p> <p>1. Requirements for Type B dwelling units shall not apply to dwelling units that are both located above the first level containing dwelling units and that are not provided with elevator access thereto. 3. The required number of Type B dwelling units provided in multiple nonelevator buildings on a single site shall be reduced to a percentage of the ground</p>

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	<p>10 percent; and (B) the slopes of the planned finished grade measured between the entrance and all vehicular or pedestrian arrival points within 50 feet of the planned entrance also exceed 10 percent.</p> <p>If there are no vehicular or pedestrian arrival points within 50 feet of the planned entrance, the slope for the purposes of this paragraph (i) will be measured to the closest vehicular or pedestrian arrival point.</p> <p>For purposes of these guidelines, vehicular or pedestrian arrival points include public or resident parking areas; public transportation stops; passenger loading zones; and public streets or sidewalks. To determine site impracticality, the slope would be measured at ground level from the point of the planned entrance on a straight line to (i) each vehicular or pedestrian arrival point that is within 50 feet of the planned entrance, or (ii) if there are no vehicular or pedestrian arrival points within that specified area, the vehicular or pedestrian arrival point closest to the planned entrance. In the case of sidewalks, the closest point to the entrance will be where a public sidewalk entering the site intersects with the sidewalk to the entrance. In the case of resident parking areas, the closest point to the planned entrance will be measured from the entry point to the parking area that is located closest to the planned entrance</p>	<p>percentage of the ground floor units which is equal to the percentage of the entire site having grades, prior to development, which are 10 percent or less; but in no case shall the number of Type B units be less than 20 percent of the ground floor dwelling units on the entire site.</p> <p>5. The required number of Type A and Type B dwelling units shall not apply to a site where the lowest floor or the lowest structural building members is required to be at or above the base flood elevation resulting in:</p> <p>5.1 A difference in elevation between the minimum required floor elevation at the primary entrances and vehicular and pedestrian arrival points within 50 feet (15 240 mm) exceeding 30 inches (762 mm). 5.2 A slope exceeding 10 percent between the minimum required floor elevation at the primary entrances and vehicular and pedestrian arrival points within 50 feet (15 240 mm).</p> <p>Where no such arrival points are within 50 feet (15 240 mm) of the primary entrances, the closest arrival point shall be used.</p>	<p>buildings on the entire site having site grades of 10 percent or less. The site grade shall be based on the site conditions prior to development. In no case shall the number of Type B dwelling units be less than 20 percent of the ground floor dwelling units on the entire site.</p> <p>4. In areas where buildings are required to be constructed in accordance with Section 3107.0, the required number of Type A and Type B dwelling units shall not apply to a site where the lowest floor or the lowest structural building member is required to be at or above the base flood elevation resulting in:</p> <p>4.1. A difference in elevation between the minimum required floor elevation at the primary entrances and all vehicular and pedestrian arrival points within 50 feet (15240 mm) exceeding 30 inches (762 mm); and 4.2. A slope exceeding 10 percent between the minimum required floor elevation at the primary entrances and all vehicular and pedestrian arrival points within 50 feet (15240 mm).</p> <p>Where no such arrival points are within 50 feet (15240 mm) of the primary entrances, the closest arrival point shall be used.</p>	<p>percentage of the ground floor units that is equal to the percentage of the entire site having grades, prior to development, that are 10 percent or less, but in no case shall the number of Type B units be less than 20 percent of the ground floor dwelling units on the entire site.</p> <p>5. The required number of Type A and Type B dwelling units shall not apply to a site where the lowest floor or the lowest structural building members is required to be at or above the base floor elevation resulting in:</p> <p>5.1 A difference in elevation between the minimum required floor elevation at the primary entrances and all vehicular and pedestrian arrival points within 50 feet (1524 mm) exceeding 20 inches (762 mm). 5.2 A slope exceeding 10 percent between the minimum required floor elevation at the primary entrances and all vehicular and pedestrian arrival points within 50 feet (1425 mm).</p> <p>Where no such arrival points are within 50 feet (1524 mm) of the primary entrances, the closest arrival point shall be used.</p>	<p>floor units which is equal to the percentage of the entire site having grades which are 10% or less prior to development, but in no case shall the number of Type B dwelling units be less than 20% of the ground floor dwelling units on the entire site.</p> <p>4. The required number of Type A and Type B dwelling units shall not apply to a site where the lowest floor or the lowest structural building member is required to be at or above the base flood elevation resulting in:</p> <p>4.1 A difference in elevation between the minimum required floor elevation at the primary entrances and all vehicular and pedestrian arrival points within 50 ft (15240 mm) exceeding 30 inches (762 mm), or 4.2 A slope exceeding 10% between the minimum required floor elevation at the primary entrances and all vehicular and pedestrian arrival points within 50 ft (15240 mm).</p> <p>Where no such arrival points are within 50 ft (15240 mm) of the primary entrances, the closet arrival point shall be used.</p>
44.	<p>(ii) Site analysis test. Alternatively, for a site having multiple buildings, or a site with a single building with multiple entrances, impracticality of providing an accessible entrance served by an accessible route can be established by the following steps:</p>	<p>1107.4.4 Accessible dwelling units. ... Exceptions: 4. The number of Type B dwelling units provided in multiple non-elevator buildings on a single site is allowed to be reduced to a percentage of the ground floor units which is equal to the percentage of the entire site having grades, prior to development, which</p>	<p>1107.4.2 Accessible dwelling units... Exceptions: 3. Where multiple buildings on a site are each not equipped with elevators, the percentage of required ground floor Type B dwelling units shall be equal to the percentage of buildings on the entire site having site grades of 10 percent or less. The</p>	<p>1103.1.9.3 Multi-unit dwellings ... Exceptions: 4. The number of Type B dwelling units provided in multiple non-elevator buildings on a single site may be reduced to a percentage of the ground floor units that is equal to the percentage of the entire site having grades, prior to development, that</p>	<p>1105.4.2 ... Exceptions: 3. The required number of Type B dwelling units provided in multiple nonelevator buildings on a single site shall be reduced to a percentage of the ground floor units which is equal to the percentage of the entire site having grades</p>

	Fair Housing Accessibility Guidelines	ICC International Building Code 11-97 Draft / CABO A117.1-98	BOCA 1996 National Building Code CABO A117.1-92	ICBO 1997 Uniform Building Code CABO A117.1-1992	SBCCI 1997 Standard Bldg. Code CABO A117.1-92
	<p>(A) The percentage of the total buildable area of the undisturbed site with a natural grade less than 10% slope shall be calculated. The analysis of the existing slope (before grading) shall be done on a topographic survey with two foot (2') contour intervals with slope determination made between each successive interval. The accuracy of the slope analysis shall be certified by a professional licensed engineer, landscape architect, architect or surveyor.</p> <p>(B) To determine the practicality of providing accessibility to planned multifamily dwellings based on the topography of the existing natural terrain, the minimum percentage of ground floor units to be made accessible should equal the percentage of the total buildable area (not including floodplains, wetlands, or other restricted use areas) of the undisturbed site that has an existing natural grade of less than 10% slope.</p> <p>(C) In addition to the percentage established in paragraph (B), all ground floor units in a building, or ground floor units served by a particular entrance, shall be made accessible if the entrance to the units is on an accessible route, defined as a walkway with a slope between the planned entrance and a pedestrian or vehicular arrival point that is no greater than 8.33%</p>	<p>are 10 percent or less; but in no case shall the number of Type B units be less than 20 percent of the ground floor dwelling units on the entire site.</p>	<p>site grade shall be based on the site conditions prior to development. In no case shall the number of Type B dwelling units be less than 20 percent of the ground floor dwelling units on the entire site.</p>	<p>are 10 percent or less, but in no case shall the number of Type B units be less than 20 percent of the ground floor dwelling units on the entire site.</p>	<p>which are 10% or less prior to development, but in no case shall the number of Type B dwelling units be less than 20% of the ground floor dwelling units on the entire site.</p>
<p>45.</p>	<p>(b) Site impracticality due to unusual characteristics. Unusual characteristics include sites located in a federally-designated floodplain or coastal high-hazard area and sites subject to other similar requirements of law or code that the lowest floor or the lowest structural member of the lowest floor must be raised to a specified level at or above the base flood elevation. An accessible route to a building entrance is impractical</p>	<p>1107.4.4 Accessible dwelling units. ... Exceptions: 5. The required number of Type A and Type B dwelling units shall not apply to a site where the lowest floor or the lowest structural building members is required to be at or above the base flood elevation resulting in: 5.1 A difference in elevation between the</p>	<p>1107.4.2 Accessible dwelling units... Exceptions: 4. In areas where buildings are required to be constructed in accordance with Section 3107.0, the required number of Type A and Type B dwelling units shall not apply to a site where the lowest floor or the lowest structural building member is required to be at or above the base flood elevation resulting in: 4.1. A difference in elevation between the minimum required floor elevation at the</p>	<p>1103.1.9.3 Multi-unit dwellings ... Exceptions: 5. The required number of Type A and Type B dwelling units shall not apply to a site where the lowest floor or the lowest structural building members is required to be at or above the base flood elevation resulting in: 5.1 A difference in elevation between the</p>	<p>1105.4.2 ... Exceptions: 4. The required number of Type A and Type B dwelling units shall not apply to a site where the lowest floor or the lowest structural building member is required to be at or above the base flood elevation resulting in: 4.1 A difference in elevation between the</p>

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	<p>due to unusual characteristics of the site when:</p> <p>(i) the unusual site characteristics result in a difference in finished grade elevation exceeding 30 inches and 10 percent measured between an entrance and all vehicular or pedestrian arrival points within 50 feet of the planned entrance; or</p> <p>(ii) if there are no vehicular or pedestrian arrival points within 50 feet of the planned entrance, the unusual characteristics result in a difference in finished grade elevation exceeding 30 inches and 10 percent measured between an entrance and the closest vehicular or pedestrian arrival point.</p>	<p>minimum required floor elevation at the primary entrances and vehicular and pedestrian arrival points within 50 feet (15 240 mm) exceeding 30 inches (762 mm).</p> <p>5.2 A slope exceeding 10 percent between the minimum required floor elevation at the primary entrances and vehicular and pedestrian arrival points within 50 feet (15 240 mm).</p> <p>Where no such arrival points are within 50 feet (15 240 mm) of the primary entrances, the closest arrival point shall be used.</p>	<p>primary entrances and all vehicular and pedestrian arrival points within 50 feet (15240 mm) exceeding 30 inches (762 mm); and</p> <p>4.2. A slope exceeding 10 percent between the minimum required floor elevation at the primary entrances and all vehicular and pedestrian arrival points within 50 feet (15240 mm).</p> <p>Where no such arrival points are within 50 feet (15240 mm) of the primary entrances, the closest arrival point shall be used.</p>	<p>minimum required floor elevation at the primary entrances and all vehicular and pedestrian arrival points within 50 feet (1524 mm) exceeding 20 inches (762 mm).</p> <p>5.2 A slope exceeding 10 percent between the minimum required floor elevation at the primary entrances and all vehicular and pedestrian arrival points within 50 feet (1425 mm).</p> <p>Where no such arrival points are within 50 feet (1524 mm) of the primary entrances, the closest arrival point shall be used.</p>	<p>minimum required floor elevation at the primary entrances and all vehicular and pedestrian arrival points within 50 ft (15240 mm) exceeding 30 inches (762 mm), or</p> <p>4.2 A slope exceeding 10% between the minimum required floor elevation at the primary entrances and all vehicular and pedestrian arrival points within 50 ft (15240 mm).</p> <p>Where no such arrival points are within 50 ft (15240 mm) of the primary entrances, the closet arrival point shall be used.</p>
46.	<p>(3) Exceptions to site impracticality . Regardless of site considerations described in paragraphs (1) and (2), an accessible entrance on an accessible route is practical when:</p> <p>(a) There is an elevator connecting the parking area with the dwelling units on a ground floor. (In this case, those dwelling units on the ground floor served by an elevator, and at least one of each type of public and common use areas, would be subject to these guidelines.) However:</p> <p>(i) Where a building elevator is provided only as a means of creating an accessible route to dwelling units on a ground floor, the building is not considered an elevator building for purposes of these guidelines; hence, only the ground floor dwelling units would be covered.</p> <p>(ii) If the building elevator is provided as a means of access to dwelling units other than dwelling units on a ground floor, then the building is an elevator building which is a covered multifamily dwelling, and the elevator in that building must provide accessibility to all dwelling units in the building, regardless of the slope of the natural</p>	<p>1107.4.4 Accessible dwelling units. ... Exceptions:</p> <p>1. Where no elevator service is provided in a building, Type B dwelling units need not be provided on floors other than the ground floor.</p> <p>2. Where no elevator service is provided in a building and the ground floor does not contain dwelling units, only those dwelling units located on the lowest floor containing dwelling units need comply with the requirements of this section.</p>	<p>1107.4.2 Accessible dwelling units:... Exceptions</p> <p>2. The requirement for Type B dwelling units shall not apply to dwelling units that are both located above the first level containing dwelling units and that are not provided with elevator access thereto.</p>	<p>1103.1.9.3 Multi-unit dwellings ... Exceptions:</p> <p>1. Where no elevator service is provided in a building, type B dwelling units need not be provided on floors other than the ground floor.</p> <p>2. Where no elevator service is provided in a building and the ground floor does not contain dwelling units, only those dwelling units located on the first floor of either Group R, Division 1 apartments occupancies or Group R, Division 3 Occupancies need comply with the requirements of this section</p>	<p>1105.4.2 ... Exceptions:</p> <p>1. Requirements for Type B dwelling units shall not apply to dwelling units that are both located above the first level containing dwelling units and that are not provided with elevator access thereto.</p>

	Fair Housing Accessibility Guidelines	ICC International Building Code 11-97 Draft / CABO A117.1-98	BOCA 1996 National Building Code CABO A117.1-92	ICBO 1997 Uniform Building Code CABO A117.1-1992	SBCCI 1997 Standard Bldg. Code CABO A117.1-92
	terrain; or (b) An elevated walkway is planned between a building entrance and a vehicular or pedestrian arrival point and the planned walkway has a slope no greater than 10 percent				
47.	(4) Accessible entrance. An entrance that complies with ANSI 4.14 meets section 100.205(a).	1101.2 Design. Details, dimensions and construction specifications for items herein shall comply with this code, and CABO A117.1. A117.1 404 Doors and Doorways A117.1 404.1 General. Doors and doorways that are part of an accessible route shall comply with 404.	1103.2 Standard. Details, dimensions and construction specifications for items required by this section shall comply with CABO A117.1 listed in Chapter 35. 1106.0 Accessible Entrances 1106.1 Required: At least 50 percent but not less than one entrance to each building and structure, and each separate tenant space within the building or structure, shall comply with the accessible route provisions of CABO A117.1 listed in Chapter 35. ... 1106.2 Multiple accessible entrances: Where a building or facility has entrances which normally serve accessible parking facilities, transportation facilities, passenger loading zones, taxi stands, public streets and sidewalks, or accessible interior vertical access, then at least one of the entrances serving each such function shall comply with the accessible route provisions of CABO A117.1 listed in Chapter 35. A117.1 4.14 Entrances Accessible entrances to a building or facility shall comply with 4.3. They shall be connected by an accessible route to all accessible spaces or elements within the building or facility. A117.1 4.3.8 Doors. Doors that are part of an accessible route shall comply with 4.13.	1101.3 Design. The design and construction of accessible buildings and building elements shall be in accordance with this chapter and CABO/ANSI A117.1-1992. For a building to be considered accessible, it shall be designed and constructed to the minimum provisions of this chapter and CABO/ANSI A117.1. Exception: Type B dwelling units shall comply with Section 1106. 1103.2.3 Accessible Entrances Each building and structure, and each separate tenancy within a building or structure, shall be provided with at least one entrance that complies with the accessible route provisions of CABO/ANSI A117.1. A least 50% of all entrances shall be accessible. ... When a building or facility has entrances that normally serve accessible parking facilities, transportation facilities, passenger loading zones, taxi stands, public streets and sidewalks, or accessible interior vertical access, then at least one of the entrances serving each such function shall comply with the accessible route provisions of CABO/ANSI A117.1. ... A117.1 4.14 Entrances Accessible entrances to a building or facility shall comply with 4.3. They shall be connected by an accessible route to all accessible spaces or elements within the building or facility. A117.1 4.3.8 Doors. Doors that are part of an accessible route shall comply with 4.13.	1101.1.4 Details, dimensions, and construction specifications for items herein shall comply with the requirements of CABO A117.1. Exception: Type B dwelling units complying with 1110. 1103.2 Entrances 1103.2.1 In each building and structure, and each separate tenancy within a building or structure, at least 50% of its entrances, but not less than one, shall comply with the accessible route provisions of CABO/ANSI A117.1. ... 1103.2.2 When a building or facility has entrances which normally serve accessible parking facilities, transportation facilities, passenger loading zones, taxi stands, public streets and sidewalks, or accessible interior vertical access, then at least one of the entrances serving each such function shall comply with the accessible route provisions of CABO/ANSI A117.1. ... A117.1 4.14 Entrances Accessible entrances to a building or facility shall comply with 4.3. They shall be connected by an accessible route to all accessible spaces or elements within the building or facility. A117.1 4.3.8 Doors. Doors that are part of an accessible route shall comply with 4.13.
48.	(5) Accessible route. An accessible route that complies with	1101.2 Design. Details, dimensions and construction specifications for items herein	1103.2 Standard. Details, dimensions and construction specifications for items required	1101.3 Design. The design and construction of accessible buildings and	1101.1.4 Details, dimensions, and construction specifications for items herein

	Fair Housing Accessibility Guidelines	ICC International Building Code 11-97 Draft / CABO A117.1-98	BOCA 1996 National Building Code CABO A117.1-92	ICBO 1997 Uniform Building Code CABO A117.1-1992	SBCCI 1997 Standard Bldg. Code CABO A117.1-92
	<p>ANSI 4.3 would meet section 100.205(a). If the slope of the finished grade between covered multifamily dwellings and a public or common use facility (including parking) exceeds 8.33%, or where other physical barriers (natural or manmade) or legal restrictions, all of which are outside the control of the owner, prevent the installation of an accessible pedestrian route, an acceptable alternative is to provide access via a vehicular route, so long as necessary site provisions such as parking spaces and curb ramps are provided at the public or common use facility.</p>	<p>shall comply with this code, and CABO A117.1.</p> <p>A117.1 402 Accessible Routes A117.1 402.1 General. Accessible routes shall comply with 402. A117.1 402.2 Components. Accessible routes shall consist of one or more of the following components: Walking surfaces with a slope not steeper than 1:20, doorways, , ramps, curb ramps, elevators, and wheelchair (platform) lifts. All components of an accessible route shall comply with the applicable portions of this standard.</p> <p>1107.4.5 Accessible route. In occupancies in Groups R-2 and R-3, at least one accessible route shall connect accessible building or facility entrances with the primary entrance of each accessible dwelling units within the building or facility and with those exterior and interior spaces and facilities that serve the accessible dwelling unit.</p> <p>Exception: If the slope of the finished ground level between accessible facilities and buildings exceeds one unit vertical in 12 units horizontal (1:12), or where physical barriers prevent the installation of an accessible route, a vehicular route with parking at each accessible facility or building is permitted in place of the accessible route.</p>	<p>by this section shall comply with CABO A117.1 listed in Chapter 35.</p> <p>A117.1 4.3 Accessible Route A117.1 4.3.1 General. Accessible routes shall comply with 4.3. A117.1 4.3.2 Components A117.1 4.3.2.1 Accessible routes shall consist of one or more of the following components: Walking surfaces with a slope not steeper than 1:20, marked crossings at vehicular ways, clear floor space at accessible elements, access aisles, ramps, curb ramps and elevators. A117.1 4.3.2.2 All components of an accessible route shall comply with the applicable portions of this standard.</p> <p>1107.4.3 Accessible route: In occupancies in Use Groups R-2 and R-3, at least one accessible route shall connect accessible building or facility entrances with all accessible dwelling units within the building or facility and with those exterior and interior spaces and facilities that serve the accessible dwelling unit.</p> <p>Exceptions: 1. If the slope of the finished ground level between accessible facilities and buildings exceeds one unit vertical in 12 units horizontal (1:12), or where physical barriers prevent the installation of an accessible route, a vehicular route with parking at each accessible facility or building is permitted in place of the accessible route.</p>	<p>building elements shall be in accordance with this chapter and CABO/ANSI A117.1-1992. For a building to be considered accessible, it shall be designed and constructed to the minimum provisions of this chapter and CABO/ANSI A117.1. Exception: Type B dwelling units shall comply with Section 1106.</p> <p>A117.1 4.3 Accessible Route A117.1 4.3.1 General. Accessible routes shall comply with 4.3. A117.1 4.3.2 Components A117.1 4.3.2.1 Accessible routes shall consist of one or more of the following components: Walking surfaces with a slope not steeper than 1:20, marked crossings at vehicular ways, clear floor space at accessible elements, access aisles, ramps, curb ramps and elevators. A117.1 4.3.2.2 All components of an accessible route shall comply with the applicable portions of this standard.</p> <p>1103.2.2 Accessible route. When a building, or portion of a building, is required to be accessible, an accessible route shall be provided to all portions of the building, to accessible building entrances, connected accessible pedestrian walkways and the public way. ... When more than on building or facility is located on a site, accessible routes shall be provided connecting accessible buildings and accessible site features. Exception: For Group R, Division 1 apartment occupancies, when the slope of the finished grade between accessible buildings and facilities exceeds 1 unit vertical in 12 units horizontal (8.33% slope), or when physical barriers prevent the installation of an accessible route, a vehicular route with parking at each accessible building or facility may be provided in place of an accessible route.</p>	<p>shall comply with the requirements of CABO A117.1. Exception: Type B dwelling units complying with 1110.</p> <p>A117.1 4.3 Accessible Route A117.1 4.3.1 General. Accessible routes shall comply with 4.3. A117.1 4.3.2 Components A117.1 4.3.2.1 Accessible routes shall consist of one or more of the following components: Walking surfaces with a slope not steeper than 1:20, marked crossings at vehicular ways, clear floor space at accessible elements, access aisles, ramps, curb ramps and elevators. A117.1 4.3.2.2 All components of an accessible route shall comply with the applicable portions of this standard.</p> <p>1105.4.4 At least one accessible route shall connect accessible building or facility entrances with all accessible dwelling units within the building or facility and with those accessible exterior and interior spaces and facilities that serve the accessible or adaptable dwelling unit.</p> <p>Exception: If the slope of the finished grade between accessible facilities and buildings exceeds 1:12, or where physical barriers prevent the installation of an accessible route, a vehicular route with parking at each accessible facility or building is permitted in place of the accessible route.</p>

	Fair Housing Accessibility Guidelines	ICC International Building Code 11-97 Draft / CABO A117.1-98	BOCA 1996 National Building Code CABO A117.1-92	ICBO 1997 Uniform Building Code CABO A117.1-1992	SBCCI 1997 Standard Bldg. Code CABO A117.1-92
49.	Requirement 2. Accessible and usable public and common use areas.				
50.	<p>Section 100.205(c)(1) provides that covered multifamily dwellings with a building entrance on an accessible route shall be designed in such a manner that the public and common use areas are readily accessible to and usable by handicapped persons.</p> <p>Guideline The following chart identifies the public and common use areas that should be made accessible, cites the appropriate section of the ANSI Standard, and describes the appropriate application of the specifications, including modifications to the referenced Standard.</p>	<p><i>This section addresses only those provisions included in the chart from the Guidelines. Provisions from the model codes and A117.1 addressing similar requirements are included. Specific technical requirements contained in A117.1, and technical differences between the 1986, 1992 and 1998 editions of A117.1, are not included.</i></p>			
51.	<p>1. Accessible route(s) (4.3) Within the boundary of the site: (a) From public transportation stops, accessible parking spaces, accessible passenger loading zones, and public streets or sidewalks to accessible entrances (subject to site considerations described in section 5). (b) Connecting accessible buildings, facilities, elements and spaces that are on the same site. On-grade walks or paths between separate buildings with covered multifamily dwellings, while not required, should be accessible unless the slope of finish grade exceeds 8.33% at any point along the route. Handrails are not required on these accessible routes. (c) Connecting accessible building or facility entrances with accessible spaces and elements within the building or facility, including adaptable dwelling units. (d) Where site or legal constraints prevent a route accessible to wheelchair users between covered multifamily dwellings and public or common-use facilities elsewhere on</p>	<p>1104 Accessible route 1104.1 Site arrival points. Accessible routes within the site shall be provided from public transportation stops, accessible parking and accessible passenger loading zones, and public streets or sidewalks to the accessible building entrance served. 1104.2 Within a site. At least one accessible route shall connect accessible buildings, accessible facilities, accessible elements, and accessible spaces that are on the same site. Exception: An accessible route is not required between accessible facilities that have as the only means of access between them, a vehicular way not provided for pedestrian access. 1104.3 Connected spaces. When a building, or portion of a building, is required to be accessible, an accessible route shall be provided to each portions of the building, to accessible building entrances, connecting accessible pedestrian walkways and the public way. Where only one accessible route is provided, the accessible route shall not pass through kitchens, storage rooms, restrooms, closets or similar spaces. ... 1104.4 Multi-level buildings and</p>	<p>1104.0 Accessible route 1104.1 Where required: Accessible routes within the site shall be provided from public transportation stops, accessible parking and accessible passenger loading zones, and public streets or sidewalks to the accessible building entrance served. 1104.2 Connected spaces: At least one accessible route shall connect accessible spaces, elements, facilities and buildings that are on the same site. Where only one accessible route is provided, the accessible route shall not pass through kitchens, storage rooms, restrooms, closets or similar spaces. Exceptions 2. In other than the offices of health care providers (Use Group B), passenger transportation facilities and airports (Use Group A-3), and multitenant facilities of Use Group M, floors that are above and below accessible levels, and that have an aggregate area of not more than 3,000 square feet (279 m²), and an aggregate occupant load of not more than 50, are not required to be served by an accessible route from an accessible level.</p>	<p>1103.2.2 Accessible route. When a building, or portion of a building, is required to be accessible, an accessible route shall be provided to all portions of the building, to accessible building entrances, connected accessible pedestrian walkways and the public way. ... Exception: In other than the offices of health-care providers, transportation facilities, airports, and Group M Occupancies with five or more tenants, floors above and below accessible levels that have an aggregate area of not more than 3,000 square feet (278.7 m²) need not be served by an accessible route from an accessible level. When only one accessible route is provided, the accessible route shall not pass through kitchens, storage rooms, toilet rooms, bathrooms, closets or similar spaces. ... When more than one building or facility is located on a site, accessible routes shall be provided connecting accessible buildings and accessible site facilities.</p>	<p>1103.1 Connecting routes 1103.1.1 Accessible routes within the site shall be provided from public transportation stops, accessible parking and accessible passenger loading zones, and public streets or sidewalks to the accessible building entrance they serve. 1103.1.2 At least one accessible route shall connect accessible spaces, elements, facilities and buildings that are on the same site. Where only one accessible route is provided, it shall not pass through kitchens, storage rooms, restrooms, closets or similar spaces. Exceptions: 1. A single accessible route shall be permitted to pass through a kitchen or storage room in an accessible or adaptable dwelling unit. 2. In other than the offices of health care providers, transportation facilities and airports, and multitenant Group M occupancies, floors that are above and below accessible levels, and that have an aggregate area of not more than 3,000 sq ft (279 m²), and an aggregate occupant load of not more than 50, need not be served by an accessible route from an</p>

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	the site, an acceptable alternative is the provision of access via a vehicular way so long as there is accessible parking on an accessible route to at least 2% of covered dwelling units, and necessary site provisions such as parking and curb cuts are available at the public or common use facility.	<p>facilities. At least one accessible route shall connect each accessible level, including mezzanines, in multi-story buildings and facilities.</p> <p>Exception: In other than the office of health-care providers (Group B), passenger transportation facilities and airports (Group A-3), and Group M occupancies with five or more tenant spaces, floors above and below accessible levels that have an aggregate area of not more than 3,000 square feet (278.7 m²) need not be served by an accessible route from an accessible level.</p> <p>1104.5 Interior accessible route. Where floor levels are required to be connected by an accessible route, and an interior path of travel is provided between the levels, the accessible route between the levels shall also be interior. ...</p>	<p>1104.3 Interior accessible route: Where floor levels are required to be connected by an accessible route, and an interior path of travel is provided between the levels, the accessible route between the levels shall also be interior.</p>	<p>...When floor levels are required to be connected by an accessible route, and an interior path of travel is provided between the levels, an interior accessible route between the levels shall be provided....</p>	<p>accessible level.</p> <p>1103.1.3 Where floor levels are required to be connected by an accessible route, and an interior path of travel is provided between the levels, the accessible route between the levels shall also be interior.</p>
52.	<p>2. Protruding objects (4.4) Accessible routes or maneuvering space including, but not limited to halls, corridors, passageways, or aisles.</p>	<p>1003.6 Protruding objects. 1003.6.1 Headroom. A minimum headroom of 80 inches (2032 mm) shall be provided for any walking surface, including walks, corridors, aisles and passageways. Door closers and stops shall not reduce headroom to less than 78 inches (1981 mm). A barrier shall be provided where the vertical clearance is less than 80 inches (2020 mm) high. The leading edge of such a barrier shall be located 27 inches (685 mm) maximum above the floor.</p> <p>1003.6.2 Free-standing objects. A free-standing object mounted on a post(s) or pylon(s) shall not overhang that post(s) or pylon(s) more than 12 inches (305 mm) where the lowest point of the leading edge is more than 27 inches (686 mm) and less than 80 inches (2032 mm) above the walking surface.</p> <p>1003.6.3 Horizontal Projections. Structural elements, fixtures or furnishings shall not project horizontally from either side more than 4 inches (102 mm) over any walking surface between the heights of 27 (686 mm) and 80 inches (2032 mm) above</p>	<p>1005.3 Protruding objects: A minimum headroom of 80 inches (2032 mm) shall be provided for any walking surface, including walks, halls, corridors, aisles and passageways. Structural elements, fixtures or furnishings shall not project from either side more than 4 inches (102 mm) over any walking surface between the heights of 27 (686 mm) and 80 inches (2032 mm) above the walking surface. A free-standing object mounted on a post(s) or pylon(s) shall not overhang that post(s) or pylon(s) more than 12 inches (305 mm) where the lowest point of the leading edge is more than 27 inches (686 mm) and less than 80 inches (2032 mm) above the walking surface. Door closers and stops shall not reduce headroom to less than 78 inches (1981 mm).</p> <p>A117.1 4.4 Protruding Objects Protruding objects shall comply with 4.4.</p>	<p>A117.1 4.4 Protruding Objects Protruding objects shall comply with 4.4.</p>	<p>1003.2.3 Objects projecting from walls with their leading edges between 27 and 80 inches (686 and 2032 mm) above the finished floor shall protrude no more than 4 inches (102 mm) into walks, corridors, passageways, or aisles. Free-standing objects mounted on posts or pylons may overhang 12 inches (305 mm) maximum from 27 to 80 inches (686 and 2032 mm) above the ground or finished floor.</p> <p>1003.2.4 There shall be a minimum headroom of 6 ft 8 inches (2032 mm), excluding stops, from the walking surface to the lowest part of any structural member, fixture or furnishing.</p> <p>A117.1 4.4 Protruding Objects Protruding objects shall comply with 4.4.</p>

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		<p>the walking surface. Exception: Handrails serving stairs and ramps are permitted to protrude 4-1/2 inches (115 mm) maximum from the wall.</p> <p>1003.6.4 Clear width. Protruding objects shall not reduce the clear width required by accessible routes as required in Section 1104.</p> <p>A117.1 307 Protruding Objects A117.1 307.1 General. Protruding objects on circulation paths shall comply with 307.</p>			
53.	<p>3. Ground and floor surface treatments (4.5) Accessible routes, rooms and spaces, including floors, walks, ramps, stairs, and curb ramps.</p>	<p>1003.7 Floor surface. Walking surfaces of the means of egress shall have a slip-resistant surface and be securely attached.</p> <p>A117.1 302 Floor or Ground Surfaces A117.1 General. Floor or ground surfaces shall be stable, firm, and slip resistant, and shall comply with 302. ...</p>	<p>1005.4 Floor surface: All walking surfaces, including the floors of corridors, stairways and other components of the means of egress, shall have a slip-resistant surface.</p> <p>A117.1 4.5 Ground and Floor Surfaces A117.1 4.5.1 General. Ground and floor surfaces of accessible routes and in accessible rooms and spaces, shall be stable, firm, and slip resistant, and shall comply with 4.5.</p>	<p>A117.1 4.5 Ground and Floor Surfaces A117.1 4.5.1 General. Ground and floor surfaces of accessible routes and in accessible rooms and spaces, shall be stable, firm, and slip resistant, and shall comply with 4.5.</p>	<p>A117.1 4.5 Ground and Floor Surfaces A117.1 4.5.1 General. Ground and floor surfaces of accessible routes and in accessible rooms and spaces, shall be stable, firm, and slip resistant, and shall comply with 4.5.</p>
54.	<p>4. Parking and passenger-loading zones (4.6) If provided at the site, designated accessible parking at the dwelling unit on request of residents with handicaps, on the same terms and with the full range of choices (e.g., surface parking or garage) that are provided for other residents of the project, with accessible parking on a route accessible to wheelchairs for at least 2% of the covered dwelling units; accessible visitor parking sufficient to provide access to grade-level entrances of covered multifamily dwellings; and accessible parking at facilities (e.g., swimming pools) that serve accessible buildings.</p>	<p>1106.1 Required. Where parking is provided, accessible parking spaces shall be provided in compliance with Table 1106.1 except as required by Sections 1106.2 and 1106.3.</p> <p>1106.2 Group R-2. Two percent of parking spaces provided for occupancies in Group R-2 which are required to have accessible dwelling units shall be accessible. Where parking is provided within or beneath a building, accessible parking spaces shall also be provided within or beneath the building.</p> <p>1106.6 Passenger loading zones. Passenger loading zones shall be designed and constructed in accordance with CABO A117.1.</p>	<p>1105.0 Parking facilities 1105.1 Required: Where parking is provided, accessible parking spaces complying with CABO A117.1 listed in Chapter 35 shall be provided in compliance with Table 1105.1 except as required by Sections 1105.2 and 1105.3. 1105.2 Use Group R-2: Two percent of parking spaces provided for occupancies in Use Group R-2 which are required to have accessible dwelling units shall be accessible. Where parking is provided within or beneath a building, accessible parking spaces shall also be provided within or beneath the building.</p>	<p>Appendix Chapter 11 1108 Parking facilities 1108.1 Accessible parking required. When parking lots or garage facilities are provided, accessible parking spaces shall be provided in accordance with Table A-11-A except for the following occupancies: ... 3. For Group R, Division 1 apartment building containing accessible or adaptable dwelling units where parking is provided, 2 percent of the parking spaces shall be accessible. Where parking is provided within or beneath a building, accessible parking spaces shall also be provided within or beneath the building.</p> <p>Appendix Chapter 11 1109 Passenger loading zones. 1109.2 Design and construction. Passenger loading zones shall be designed and constructed in accordance with CABO/ANSI A117.1.</p>	<p>1104 Parking facilities 1104.1 Two percent of parking spaces provided for R2 occupancies required to have accessible/adaptable dwelling units shall be accessible. Where parking is provided within or beneath a building, accessible parking spaces shall also be provided within or beneath the building. 1104.3 In occupancies not included in 1104.1 or 1104.2, accessible spaces shall be provided in accordance with Table 1104.3.</p>

	Fair Housing Accessibility Guidelines	ICC International Building Code 11-97 Draft / CABO A117.1-98	BOCA 1996 National Building Code CABO A117.1-92	ICBO 1997 Uniform Building Code CABO A117.1-1992	SBCCI 1997 Standard Bldg. Code CABO A117.1-92		
55.		Table 1106.1 Accessible Parking Spaces	Table 1105.1 Accessible Parking Spaces	Table A-11-A Accessible Parking Spaces	Table 1104.3 Accessible Parking Spaces		
56.		Total Parking Spaces Provided	Required Minimum Number of Accessible Spaces	Total Parking Spaces Provided	Required Minimum Number of Accessible Spaces	Total Parking Spaces Provided	Required Minimum Number of Accessible Spaces
57.		1-25	1	1-25	1	1-25	1
58.		26-50	2	26-50	2	26-50	2
59.		51-75	3	51-75	3	51-75	3
60.		76-100	4	76-100	4	76-100	4
61.		101-150	5	101-150	5	101-150	5
62.		151-200	6	151-200	6	151-200	6
63.		201-300	7	201-300	7	201-300	7
64.		301-400	8	301-400	8	301-400	8
65.		401-500	9	401-500	9	401-500	9
66.		501-1000	2% of total	501-1000	2% of total	501-1000	2% of total
67.		more than 1000	20, plus 1 for each 100 over 1000	more than 1000	20, plus 1 for each 100 over 1000	more than 1000	20, plus 1 for each 100 over 1000
68.	5. Curb ramps (4.7) Accessible routes crossing curbs.	A117.1 406 Curb Ramps A117.1 General. Curb ramps on accessible routes shall comply with 406.	A117.1 4.7 Curb Ramps A117.1 4.7.1 Location. Curb ramps complying with 4.7 shall be provided wherever an accessible route crosses a curb.	A117.1 4.7 Curb Ramps A117.1 4.7.1 Location. Curb ramps complying with 4.7 shall be provided wherever an accessible route crosses a curb.	A117.1 4.7 Curb Ramps A117.1 4.7.1 Location. Curb ramps complying with 4.7 shall be provided wherever an accessible route crosses a curb.		
69.	6. Ramps (4.8) Accessible routes with slopes greater than 1:20.	A117.1 405 Ramps A117.1 405.1 General. Walking surfaces on accessible routes with a running slope steeper than 1:20 are ramps and shall comply with 405.	A117.1 4.8 Ramps A117.1 4.8.1 General. A slope steeper than 1:20 shall be considered a ramp and shall comply with 4.8.	A117.1 4.8 Ramps A117.1 4.8.1 General. A slope steeper than 1:20 shall be considered a ramp and shall comply with 4.8.	A117.1 4.8 Ramps A117.1 4.8.1 General. A slope steeper than 1:20 shall be considered a ramp and shall comply with 4.8.		

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70.	7. Stairs (4.9) Stairs on accessible routes not connected by an elevator.	1004.4 Stairways. Stairways shall comply with Sections 1004.4.1 through 1004.4.12.1.	1014.0 Stairways 1014.1 General: All stairways shall comply with the provisions of this section. ...	1003.3.3 Stairways 1003.3.3.1 General. Every stairway having two or more risers serving any building or facility or portion thereof shall comply with the requirements of Section 1003.3.3. ... 1105.3 Elevators and Stairway and Platform Lifts. ... Stairways in buildings, or portions of buildings, required to be accessible shall be designed and constructed to comply with CABO/ANSI A117.1. ...	1007 Stairway Construction
71.	8. Elevator (4.10) If provided.	1108.6 Elevators. Passenger elevators on an accessible route shall be accessible and comply with Chapter 30 (Accessible Elevators).	1108.4 Elevators: All passenger elevators on an accessible route shall be accessible and comply with Section 3006.3.	1105.3 Elevators and Stairway and Platform Lifts. Elevators on an accessible route shall be accessible. ... Elevators required to be accessible shall comply with CABO/ANSI A117.1.	1106.3 Elevators, lifts 1106.3.1 All passenger elevators on an accessible route shall be accessible. ... 3001.1.3 Passenger elevators shall comply with CABO/ANSI A117.1.
72.	9. Platform Lift (4.11) May be used in lieu of an elevator or ramp under certain conditions.	1108.7 Lifts. Platform (wheelchair) lifts shall not be a part of a required accessible route in new construction. Exceptions: Platform (wheelchair) lifts are permitted for: 1. An accessible route to a performing area in occupancies in Group A. 2. An accessible route to wheelchair spaces required by Section 1107.2.2. 3. An accessible route to spaces which are not open to the general public with an occupant load of not more than 5.	1108.5 Lifts: Platform (wheelchair) lifts shall not be a part of a required accessible route in new construction. Exceptions 1. An accessible route to a performing area in occupancies of Use Group A. 2. An accessible route to wheelchair spaces required by 1107.2.3. 3. An accessible route to spaces with an occupant load of not more than 5.	1105.3 Elevators and Stairway and Platform Lifts. ... Platforms lifts may be used in lieu of an elevator under one of the following conditions subject to approval by the building official. 1. To provide an accessible route of travel to a performing area in a Group A Occupancy. 2. To provide unobstructed sight lines and distribution for wheelchair viewing positions in Group A Occupancies. 3. To provide access to spaces with an occupant load of less than five. 4. To provide access where existing site constraints or other constraints make the use of a ramp or elevator infeasible. All platform lifts used in lieu of an elevator shall be capable of independent operation.	1106.3.2 Platform (wheelchair) lifts shall not be part of a required accessible route in new construction.
73.	10. Drinking fountains and water coolers (4.15) Fifty percent of fountains and coolers on each floor, or at least one, if provided in the facility or at the site.	1108.5 Drinking fountains. On floors where drinking fountains are provided, at least 50 percent, but not less than one fountain, shall be accessible.	1108.6 Drinking fountains: At least 50 percent of drinking fountains, but not less than one, provided on every floor shall be accessible.	1105.4.1 Drinking fountains. On any floor where drinking fountains are provided, at least 50 percent, but not less than one fountain, shall be accessible.	1106.4 Drinking fountains. At least 50%, but not less than one, of drinking fountains provided on every floor shall be accessible.
74.	11. Toilet rooms and bathing facilities (including water closets, toilet rooms and stalls, urinals, lavatories and mirrors, bathtubs, shower stalls, and sinks.) (4.22) Where provided in public-use and	1108.2 Toilet and bathing facilities. Toilet rooms and bathing facilities shall be accessible. ... At least one of each type fixture, element, controls or dispensers in each accessible toilet room and bathing facility shall be accessible.	1108.2 Toilet and bathing facilities: Toilet rooms and bathing facilities shall be accessible. At least one of each type fixture or element in each accessible toilet room and bathing facility shall be accessible.	1105.2.1 Bathing facilities. When bathing facilities are provided, at least one of each type of fixture or element shall be accessible. ... 1105.2.2 Toilet facilities. ... In other occupancies, each toilet room shall be	1106.2 Toilet and bathing facilities 1106.2.1 Toilet rooms and bathing facilities shall be accessible. At least one of each type fixture or element in each accessible toilet room and bathing facility shall be accessible.

	Fair Housing Accessibility Guidelines	ICC International Building Code 11-97 Draft / CABO A117.1-98	BOCA 1996 National Building Code CABO A117.1-92	ICBO 1997 Uniform Building Code CABO A117.1-1992	SBCCI 1997 Standard Bldg. Code CABO A117.1-92
	common-use facilities, at least one of each fixture provided per room.			accessible. At least one of each type of fixture or element in each accessible toilet room shall be accessible....	
75.	12. Seating, tables or work surfaces (4.30) If provided in accessible spaces, at least one of each type provided.	1108.11 Seating at tables, counters and work surfaces. Where seating at fixed or built-in tables, counters or work surfaces is provided in accessible spaces, at least five percent of the seating, but not less than one, shall be accessible.	1108.8 Fixed or built-in seating or tables: Where fixed or built-in seating or tables are provided, at least 5 percent, but not less than one, shall be accessible and be distributed throughout the facility.	1105.4.2 Fixed or built-in seating or tables. When fixed or built-in seating or tables are provided, at least 5 percent, but not less than one, shall be accessible. In dining and drinking establishments, such seating or tables shall be distributed throughout the facility.	1106.7 Fixed or built-in seating or tables. Where fixed or built-in seating or tables are provided, at least 5%, but no fewer than one, shall be accessible. In eating and drinking facilities, such seating and tables shall be distributed throughout the facility.
76.	13. Places of assembly (4.31) If provided at the facility or site.	1107.2 Group A. Occupancies in Group A shall be provided with accessible features in accordance with Sections 1107.2.1 through 1107.2.5.	1107.2 Use Group A: Occupancies in Use Group A shall provide for accessible features in accordance with Sections 1107.2.1 through 1107.2.4.	1103.1.2 Group A Occupancies. Group A Occupancies shall be accessible as provided in this chapter. ...	1105.2 Group A Assembly. 1105.2.1 In theaters, bleachers, grandstands and other fixed seating assembly occupancies... 1105.2.2 Stadiums, theaters, auditoriums, lecture halls and similar areas... 1105.2.3 In restaurants, night clubs, and similar assembly areas ...
77.	14. Common-use spaces and facilities (including swimming pools, playgrounds, entrances, rental offices, lobbies, elevators, mailbox areas, lounges, halls and corridors, and the like) (4.1 through 4.30) If provided in the facility or at the site: (a) Where multiple recreational facilities (e.g., tennis courts) are provided sufficient accessible facilities of each type to assure equitable opportunity for use by persons with handicaps. (b) Where practical, access to all or a portion of nature trails and jogging trails.	1103.1 Where required. Buildings and structures, temporary or permanent, including their associated sites and facilities, shall be accessible to persons with physical disabilities. 1103.2 General exceptions. Sites, buildings, facilities and elements shall be exempt from these guidelines to the extent specified in this Section. 1103.2.1 Specific requirements. Accessibility is not required in buildings and facilities, or portions thereof, to the extent permitted by Sections 1104 through 1109. 1108.14.1 Groups R-2 and R-3. Where recreational facilities are provided serving accessible dwelling units in occupancies in Groups R-2 and R-3, 25 percent, but not less than one of each type in each group of such facilities shall be accessible. Every recreational facilities of each type on a site shall be considered to determine the total number of each type which are required to be accessible.	1103.1 Where required: All buildings and structures, including their associated sites and facilities, shall be accessible to persons with physical disabilities including, but not limited to, occupants, employees, students, spectators, participants and visitors. Exceptions 1. Accessibility is not required in buildings and facilities, or portions thereof, to the extent permitted by Sections 1104.0 through 1110.0. 1107.4.4 Recreational facilities: Where recreational facilities are provided serving accessible dwelling units in occupancies in Use Groups R-2 and R-3, 25 percent but not less than one of each type in each group of such facilities shall be accessible. All recreational facilities of each type on a site shall be considered to determine the total number of each type which are required to be accessible.	1103.1 Where required. 1103.1.1 General. Accessibility to temporary or permanent buildings, or portions thereof, shall be provided for all occupancy classifications except as modified by this chapter. See also Appendix Chapter 11. ... 1103.1.9.1 General. ... Where recreational facilities are provided serving accessible dwelling units, 25 percent, but not less than one of each type in each group of such facilities, shall be accessible. All recreational facilities of each type on a site shall be considered to determine the total number of each type that are required to be accessible.	101.1 Scope 1101.1.2 All buildings and structures, including their associated sites and facilities, shall be accessible with accessible means of egress for people with physical disabilities, as required in these provisions. Exceptions: 1. Buildings and facilities or portions thereof not required to be accessible in 1103, 1104, 1105 and 1106. 1105.4.5 Where recreational facilities are provided serving accessible dwelling units, 25% but not less than one of each type in each group of such facilities shall be accessible. All recreational facilities of each type on a site shall be considered to determine the total number of each type which are required to be accessible.
78.	15. Laundry rooms (4.32.6) If provided in the facility or at the site, at least one of each type of appliance provided in each laundry	Appendix Chapter 11 A1104.3 Laundry equipment. Where washing machines or clothes dryers are provided in spaces required to be accessible,	A117.1 4.33.5 Laundry Facilities. If laundry equipment is provided within individual accessible dwelling units, or if separate laundry facilities serve one or more	A117.1 4.33.5 Laundry Facilities. If laundry equipment is provided within individual accessible dwelling units, or if separate laundry facilities serve one or more	A117.1 4.33.5 Laundry Facilities. If laundry equipment is provided within individual accessible dwelling units, or if separate laundry facilities serve one or

	Fair Housing Accessibility Guidelines	ICC International Building Code 11-97 Draft / CABO A117.1-98	BOCA 1996 National Building Code CABO A117.1-92	ICBO 1997 Uniform Building Code CABO A117.1-1992	SBCCI 1997 Standard Bldg. Code CABO A117.1-92
	<p>area, except that laundry rooms serving covered multifamily dwellings would not be required to have front-loading washers in order to meet the requirements of 100.205(c)(1). (Where front-loading washers are not provided, management will be expected to provide assistive devices on request if necessary to permit a resident to use a top-loading washer.)</p>	<p>at least one of each type shall comply with CABO A117.1.</p>	<p>accessible dwelling units, they shall meet the requirements of 4.33.5.1 and 4.33.5.2.</p>	<p>accessible dwelling units, they shall meet the requirements of 4.33.5.1 and 4.33.5.2.</p>	<p>more accessible dwelling units, they shall meet the requirements of 4.33.5.1 and 4.33.5.2.</p>

	Fair Housing Accessibility Guidelines	ICC International Building Code 11-97 Draft / CABO A117.1-98	BOCA 1996 National Building Code CABO A117.1-92	ICBO 1997 Uniform Building Code CABO A117.1-1992	SBCCI 1997 Standard Bldg. Code CABO A117.1-92
79.	Requirement 3. Usable doors.				
80.	Section 100.205(c)(2) provides that covered multifamily dwellings with a building entrance on an accessible route shall be designed in such a manner that all the doors designed to allow passage into and within all premises are sufficiently wide to allow passage by handicapped persons in wheelchairs. Guideline Section 100.205(c)(2) would apply to doors that are a part of an accessible route in the public and common use areas of multifamily dwellings and to doors into and within individual dwelling units.				
81.	(1) On accessible routes in public and common use areas, and for primary entry doors to covered units, doors that comply with ANSI 4.13 would meet this requirement.	1107.4.5 Accessible route. In occupancies in Groups R-2 and R-3, at least one accessible route shall connect accessible building or facility entrances with the primary entrance of each accessible dwelling units within the building or facility and with those exterior and interior spaces and facilities that serve the accessible dwelling unit. A117.1 402.2 Components. Accessible routes shall consist of one or more of the following components: Walking surfaces with a slope not steeper than 1:20, doorways, , ramps, curb ramps, elevators, and wheelchair (platform) lifts. All components of an accessible route shall comply with the applicable portions of this standard. A117.1 404.1 General. Doors and doorways that are part of an accessible route shall comply with 404. A117.1 1003.5.1 Primary Entrance Door. The primary entrance door to the dwelling unit shall comply with 404. Exception: Maneuvering clearances required by 404.2.4 shall not be required on	1104.2 Connected spaces: At least one accessible route shall connect accessible spaces, elements, facilities and buildings that are on the same site. ... A117.1 4.3.8 Doors. Doors that are part of an accessible route shall comply with 4.13.	1103.2.2 Accessible Route. When a building, or portion of a building, is required to be accessible, an accessible route shall be provided to all portions of the building, to accessible building entrances, connecting accessible pedestrian walkways and the public way. A117.1 4.3.8 Doors. Doors that are part of an accessible route shall comply with 4.13. 1106.4.1 Primary entrance door. The primary entrance door to the dwelling unit shall comply with Section 4.13 of CABO/ANSIA117.1. Exception: Maneuvering clearances	1103.1 Connecting routes 1103.1.2 At least one accessible route shall connect accessible spaces, facilities and buildings that are on the same site. ... A117.1 4.3.8 Doors. Doors that are part of an accessible route shall comply with 4.13. 1110.4 Doors and doorways 1110.4.1 Primary entrance door. The primary entrance door to the dwelling unit shall comply with Section 4.13 of

	Fair Housing Accessibility Guidelines	ICC International Building Code 11-97 Draft / CABO A117.1-98	BOCA 1996 National Building Code CABO A117.1-92	ICBO 1997 Uniform Building Code CABO A117.1-1992	SBCCI 1997 Standard Bldg. Code CABO A117.1-92
		the dwelling unit side of the primary entrance door.		required by Section 4.13.6 of CABO/ANSI A117.1 are not required on the dwelling unit side of the door.	CABO/ANSI A117.1. Exception: Maneuvering clearances required by Section 4.13.6 of CABO/ANSI A117.1 are not required on the dwelling unit side of the doorway.
82.	<p>(2) Within individual dwelling units, doors intended for user passage through the unit which have a clear opening of at least 32 inches nominal width when the door is open 90 degrees, measured between the face of the door and the stop, would meet this requirement. (See Fig. 1 (a), (b), and (c).) Openings more than 24 inches in depth are not considered doorways. (See Fig. 1 (d).)</p> <p>Note A 34-inch door, hung in the standard manner, provides an acceptable nominal 32-inch clear opening. This door can be adapted to provide a wider opening by using offset hinges, by removing lower portions of the door stop, or both. Pocket or sliding doors are acceptable doors in covered dwelling units and have the added advantage of not impinging on clear floor space in small rooms. The nominal 32-inch clear opening provided by a standard six-foot sliding patio door assembly is acceptable.</p>	<p>A117.1 1003.5.2 User Passage Doorways. Doorways intended for user passage shall comply with 1003.5.2.1 through 1003.5.2.4.</p> <p>A117.1 1003.5.2.1 Clear Width. Doorways shall have a clear opening of 31-3/4 inches (810 mm) minimum. Clear opening of swinging doors shall be measured between the face of the door and stop, with the door open 90 degrees.</p> <p>A117.1 1003.5.2.4 Double Leaf Doorways. Where an inactive leaf with operable parts more than 48 inches (1220 mm) above the floor or ground is provided, the active leaf shall provide the clearance required by 1003.5.2.1.</p> <p>A117.1 1003.5.2.3 Automatic Doors. Automatic doors shall comply with 404.3.</p>	<p>1104.2 Connected spaces: At least one accessible route shall connect accessible spaces, elements, facilities and buildings that are on the same site. ...</p> <p>A117.1 4.3.8 Doors. Doors that are part of an accessible route shall comply with 4.13.</p> <p>1017.3 Size of doors: Exceptions:... 9. Door openings within Type B dwelling units shall have a minimum clear width of 31 3/4 inches (806 mm).</p>	<p>1106.4.2 Other doorways. Doorways intended for user passage shall comply with this section.</p> <p>1106.4.2.1 Clear width. Doorways shall have a clear opening of 32 inches (813 mm) minimum. The clear opening of swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Exception: A tolerance of minus 1/4 inch (6.4 mm) is permitted.</p> <p>1106.4.2.2 Double leaf doorways. Where an inactive leaf with operable parts of hardware located more than 48 inches (1219 mm) above the floor is provided, the active leaf shall provide the required clear width.</p>	<p>1110.4.2 Other doorways. Doorways intended for user passage shall comply with 1110.4.2.</p> <p>1110.4.2.1 Clear width. Doorways shall have a clear opening of 31 3/4 inches (806 mm) minimum. The clear opening of doorways with swinging doors shall be measured between the face of the door and stop, with the door open 90 degrees.</p> <p>1110.4.3 Double leaf doors. Where an inactive leaf with operable parts of hardware located more than 48 inches above the floor is provided, the active leaf shall provide the required clear width.</p> <p>1110.4.4 Automatic doors. Automatic doors shall comply with Section 4.13.12 of CABO/ANSI A117.1.</p> <p>1110.4.5 Power-Assisted doors and low-energy power-operated doors. Power-assisted doors shall comply with Section 4.13.13 of CABO/ANSI A117.1.</p>

	Fair Housing Accessibility Guidelines	ICC International Building Code 11-97 Draft / CABO A117.1-98	BOCA 1996 National Building Code CABO A117.1-92	ICBO 1997 Uniform Building Code CABO A117.1-1992	SBCCI 1997 Standard Bldg. Code CABO A117.1-92	
83.	Requirement 4. Accessible route into and through the covered dwelling unit.					
84.	Section 100.205(c)(3)(i) provides that all covered multifamily dwellings with a building entrance on an accessible route shall be designed and constructed in such a manner that all premises within covered multifamily dwelling units contain an accessible route into and through the covered dwelling unit. Guideline Accessible routes into and through dwelling units would meet section 100.205(c)(3)(i) if:					
85.	(1) A minimum clear width of 36 inches is provided.	A117.1 1003.4.1 Width. Clear width of an accessible route shall comply with 403.5.	A117.1 4.3.3 Width. Clear width of an accessible route shall be 36 in (915 mm) minimum, except at doors (see 4.13.5). Clear width of the accessible route with turns around an obstruction less than 48 in (1220 mm) wide shall have a clear space of 42 in by 48 in (1065 mm by 1220 mm) minimum.	1106.2.2 Clear width. Clear width of the accessible route shall be 36 inches (914 mm) minimum, except at doors.	1110.3.2 Clear width. Clear width of the accessible route shall be 36 inches (915 mm) minimum, except at doorways.	
86.		Table 403.5 Clear Width of an Accessible Route				
87.		Segment Length				Minimum Segment Width
88.		≤ 24 inches (610 mm)				32 inches ¹ (815 mm)
89.		≥ 24 inches (610 mm)				36 inches (915 mm)

	Fair Housing Accessibility Guidelines	ICC International Building Code 11-97 Draft / CABO A117.1-98	BOCA 1996 National Building Code CABO A117.1-92	ICBO 1997 Uniform Building Code CABO A117.1-1992	SBCCI 1997 Standard Bldg. Code CABO A117.1-92
90.		<p>1. Consecutive segments of 32 inches (815 mm) wide must be separated by a route segment 48 inches(1220 mm) long minimum and 36 inches (915 mm) wide minimum.</p> <p>A117.1 403.5.1 Clear Width at Turn. Where an accessible route makes a 180 degree turn around an object which is less than 48 inches (1220 mm) wide, clear widths shall be 42 inches (1065 mm) minimum approaching the turn, 48 inches (1220 mm) minimum during the turn, and 42 inches (1065 mm) minimum leaving the turn.</p>			
91.	<p>(2) In single-story dwelling units, changes in level within the dwelling unit with heights between 1/3 inches and 1/2 inch are beveled with a slope no greater than 1:2. Except for design features, such as a loft or an area on a different level within a room (e.g., a sunken living room), changes in level greater than 1/2 inches are ramped or have other means of access. ...</p>	<p>A117.1 1003.4.2 Changes in Level. Changes in level shall comply with 303.</p> <p>Exception: Where exterior deck, patio or balcony surface materials are impervious, the finished exterior impervious surface shall be 4 inches (100 mm) maximum below the finished floor level of the adjacent interior spaces of the dwelling unit.</p> <p>A117.1 303 Changes in Level A117.1 303.1 General. Changes in level in floor or ground surfaces shall comply with 303. A117.1 303.2 Vertical. Changes in level of 1/4 inch (6 mm) high maximum shall be permitted to be vertical. A117.1 303.3 Beveled Changes in level between 1/4 inch (6 mm) high minimum and 1/2 inch (13 mm) high maximum shall</p>	<p>A117.1 4.3.7 Changes in Level. Changes in level along an accessible route shall comply with 4.5.2.</p> <p>A117.1 4.5.2 Changes in Level. A117.1 4.5.2.1 Changes in level of 1/4 in (6 mm) high maximum shall be permitted to be vertical and without edge treatment. A117.1 4.5.2.2 Changes in level between 1/4</p>	<p>1106.2.3 Changes in level. Changes in elevation of not more than 1/2 inches (12.7 mm) in height shall comply with CABO/ANSI A117.1. Changes in level greater than 1/2 inch (12.7 mm) in height shall be accomplished by a ramp, elevator or wheelchair lift complying with CABO/ANSI A117.1.</p> <p>Exception: Where exterior deck, patio or balcony surface materials are impervious, the finished exterior impervious surface shall be 4 inches (102 mm) maximum below the finished floor level of the adjacent interior spaces of the dwelling unit.</p> <p>A117.1 4.3.7 Changes in Level. Changes in level along an accessible route shall comply with 4.5.2.</p> <p>A117.1 4.5.2 Changes in Level. A117.1 4.5.2.1 Changes in level of 1/4 in (6 mm) high maximum shall be permitted to be vertical and without edge treatment. A117.1 4.5.2.2 Changes in level between 1/4 in (6 mm) high minimum and 1/2 in (13</p>	<p>1110.3.3 Changes in level. Changes in level of not more than 1/2 inch (13 mm) in height shall comply with CABO/ANSI A117.1. Changes in level greater than 1/2 inch (13 mm) in height shall be accomplished by a ramp, elevator, or wheelchair lift complying with CABO/ANSI A117.1.</p> <p>Exception: Where exterior deck, patio or balcony surface materials are impervious, the finished exterior impervious surface shall be 4 inches (100 mm) maximum below the finished floor level of the adjacent interior spaces of the dwelling unit.</p> <p>A117.1 4.3.7 Changes in Level. Changes in level along an accessible route shall comply with 4.5.2.</p> <p>A117.1 4.5.2 Changes in Level. A117.1 4.5.2.1 Changes in level of 1/4 in (6 mm) high maximum shall be permitted to be vertical and without edge treatment. A117.1 4.5.2.2 Changes in level between</p>

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		be beveled with a slope not steeper than 1:2. A117.1 303.4 Ramped. Changes in level greater than 1/2 inch (13 mm) shall be ramped, and shall comply with 405 or 406.	in (6 mm) high minimum and 1/2 in (13 mm) high maximum shall be beveled with a slope not steeper than 1:2. A117.1 4.5.2.3 Changes in level greater than 1/2 in (13 mm) shall be accomplished by a curb ramp, ramp or elevator that complies with 4.7, 4.8 or 4.10, respectively.	mm) high maximum shall be beveled with a slope not steeper than 1:2. A117.1 4.5.2.3 Changes in level greater than 1/2 in (13 mm) shall be accomplished by a curb ramp, ramp or elevator that complies with 4.7, 4.8 or 4.10, respectively.	1/4 in (6 mm) high minimum and 1/2 in (13 mm) high maximum shall be beveled with a slope not steeper than 1:2. A117.1 4.5.2.3 Changes in level greater than 1/2 in (13 mm) shall be accomplished by a curb ramp, ramp or elevator that complies with 4.7, 4.8 or 4.10, respectively.
92.	<p>... Where a single story dwelling unit has special design features, all portions of the single story unit, except the loft or the sunken or raised area, are on an accessible route; and</p> <p>(a) In single-story dwelling units with lofts, all spaces other than the loft are on an accessible route.</p> <p>(b) Design features such as sunken or raised functional areas do not interrupt the accessible route through the remainder of the dwelling unit.</p>	<p>A117.1 1003.3.1 Location. At least one accessible route shall connect all spaces and elements which are a part of the dwelling unit. Where only one accessible route is provided, it shall not pass through restrooms, closets or similar spaces.</p> <p>A117.1 1003.3 Type B Accessible Route. Accessible routes within Type B dwelling units shall comply with 1003.3.1 through 1003.3.4.</p> <p>Exception: One of the following is not required to be on an accessible route:</p> <ol style="list-style-type: none"> 1. A raised floor area in a portion of a living, dining or sleeping room; or 2. A sunken floor area in a portion of a living, dining or sleeping room; or 3. A mezzanine that does not have plumbing fixtures or an enclosed habitable space. <p>A117.1 1003.6 Ramps. Ramps shall comply with 405.</p> <p>A117.1 1003.7 Private Residence Elevators. Elevators shall comply with 1002.7.</p> <p>Exception: Elevators complying with 407.</p> <p>1003.8 Wheelchair (Platform Lifts). Wheelchair (platform) lifts shall comply with ASME/ANSI A17.1 and with 305 and 309.</p>	<p>1107.4.3 Accessible route: In occupancies in Use Groups R-2 and R-3, at least one accessible route shall connect accessible building or facility entrances with all accessible dwelling units within the building or facility and with those exterior and interior spaces and facilities that serve the accessible dwelling unit.</p> <p>Exceptions</p> <ol style="list-style-type: none"> 2. Mezzanines and raised or sunken floors in Type B dwelling units are not required to be accessible provided such floor areas do not contain or interrupt the accessible route to the only bathing facility, lavatory, water closet or living, eating, sleeping or cooking areas in the dwelling unit. 	<p>1106.2.1 General. At least one accessible route complying with this section shall connect all spaces and elements that are a part of the dwelling unit. Where only one accessible route is provided, it shall not pass through bathrooms, closets or similar spaces.</p> <p>Exception: One of the following is not required to be on an accessible route:</p> <ol style="list-style-type: none"> 1. A raised floor area in a portion of a living, dining or sleeping room; 2. A sunken floor area in a portion of a living, dining or sleeping room; or 3. A mezzanine that does not have plumbing fixtures or an enclosed habitable space. 	<p>1110.3 Type B accessible route</p> <p>1110.3.1 General. At least one accessible route complying with 1110.3 shall connect all spaces and elements which are a part of the dwelling unit. Where only one accessible route is provided, it shall not pass through bathrooms, closets or similar spaces.</p> <p>Exception: One of the following is not required to be on an accessible route:</p> <ol style="list-style-type: none"> 1. A raised floor area in a portion of a living, dining or sleeping room; or 2. A sunken floor area in a portion of a living, dining or sleeping room; or 3. A mezzanine that does not have plumbing fixtures or an enclosed habitable space. <p>1110.6 Ramps. Ramps shall comply with Section 4.8 of CABO/ANSI A117.1.</p> <p>1110.7 Wheelchair lifts. Wheelchair lifts shall comply with ASME/ANSI A17.1 and with Sections 4.5 and 4.25 of CABO/ANSI A117.1.</p>
93.	(3) In multistory dwelling units in buildings with elevators, the story of the unit that is served by the building elevator (a) is the primary entry to the unit; (b) complies with Requirements 2 through 7 with respect to the rooms located on the entry/accessible floor; and (c) contains a bathroom or powder	<p>1107.4.4 Accessible dwelling units. ...</p> <p>Exceptions:</p> <ol style="list-style-type: none"> 3. A multistory dwelling unit which is not provided with elevator service is not required to comply with requirements for Type B dwelling units. Where a multistory dwelling unit is provided with elevator service to only one floor, the floor provided with elevator service shall comply with the 	<p>1107.4.2 Accessible dwelling units: ...</p> <p>Exceptions</p> <ol style="list-style-type: none"> 1. In buildings without elevators, multistory dwelling units are not required to comply with the requirements for Type B dwelling units. Where a multistory dwelling unit is provided with elevator service to only one floor, the floor provided with elevator service shall comply with the requirements for a 	<p>1103.1.9.3 Multi-unit dwellings. ...</p> <p>Exceptions:</p> <ol style="list-style-type: none"> 3. A multistory dwelling unit not provided with elevator service is not required to comply with requirements for Type B dwelling units. Where a multistory dwelling unit is provided with elevator service to only one floor, the floor provided with elevator service shall comply with the 	<p>1105.4 Group R Residential</p> <p>1105.4.2 ...</p> <p>Exception:</p> <ol style="list-style-type: none"> 2. A multistory dwelling unit which is not provided with elevator service is not required to comply with requirements for Type B dwelling units. Where a multistory dwelling unit is provided with elevator service to only one floor, the floor

	Fair Housing Accessibility Guidelines	ICC International Building Code 11-97 Draft / CABO A117.1-98	BOCA 1996 National Building Code CABO A117.1-92	ICBO 1997 Uniform Building Code CABO A117.1-1992	SBCCI 1997 Standard Bldg. Code CABO A117.1-92
	room which complies with Requirement 7. (Note: multistory dwelling units in non-elevator buildings are not covered dwelling units because, in such cases, there is no ground floor unit.)	requirements for a Type B dwelling unit, and a toilet facility shall be provided on that floor.	Type B dwelling unit and a toilet facility shall be provided on that floor.	requirements for a Type B dwelling unit, and a toilet facility shall be provided on that floor.	provided with elevator service shall comply with the requirements for a Type B dwelling unit and a toilet facility shall be provided.
94.	(4) Except as noted in paragraphs (5) and (6) below, thresholds at exterior doors, including sliding door tracks, are no higher than 3/4 inch. Thresholds and changes in level at these locations are beveled with a slope no greater than 1:2.	<p>A117.1 1003.5.2.2 Thresholds. Thresholds shall comply with 1003.3.4. Exception: Thresholds at exterior sliding doors shall be permitted to be 3/4 inch (19 mm) high maximum provided they are beveled with a slope not steeper than 1:2.</p> <p>A117.1 1003.4.2 Changes in Level. Changes in level shall comply with 303.</p> <p>A117.1 303 Changes in Level</p> <p>A117.1 303.1 General. Changes in level in floor or ground surfaces shall comply with 303.</p> <p>A117.1 303.2 Vertical. Changes in level of 1/4 inch (6 mm) high maximum shall be permitted to be vertical.</p> <p>A117.1 303.3 Beveled. Changes in level between 1/4 inch (6 mm) high minimum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.</p>	<p>A117.1 4.13.8 Thresholds at Doorways. Thresholds, if provided, at doorways shall be 1/2 in (13 mm) high maximum except that thresholds for exterior residential sliding doors shall be 3/4 in (19 mm) high maximum. Raised thresholds and floor level changes shall comply with 4.5.2.</p> <p>1017.1.1 Floor surface: The floor surface on both sides of a door shall be at the same elevation. The floor surface over which the door swings shall be at the same elevation as the floor level at the threshold and shall extend from the door in the closed position a distance equal to the door width.</p> <p>Exception: This requirement shall not apply to:</p> <ol style="list-style-type: none"> 1. Exterior doors, as provided for in Section 1005.6, which are not on an accessible route. 2. Variations in elevation due to differences in finish materials, but not more than 1/2 inch (13 mm). <p>Thresholds at doorways shall not exceed 3/4 inch (19 mm) in height above the finished floor surface for exterior residential sliding doors or 1/2 inch (13 mm) for all other doors. Raised thresholds and floor level changes greater than 1/4 inch (6 mm) at doorways shall be beveled with a slope not greater than one unit vertical in two units horizontal (1:2).</p> <p>A117.1 4.5.2 Changes in Level.</p> <p>A117.1 4.5.2.1 Changes in level of 1/4 in (6 mm) high maximum shall be permitted to be vertical and without edge treatment.</p> <p>A117.1 4.5.2.2 Changes in level between 1/4 in (6 mm) high minimum and 1/2 in (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.</p> <p>A117.1 4.5.2.3 Changes in level greater than 1/2 in (13 mm) shall be accomplished by a</p>	<p>1106.4.2.3 Thresholds. Thresholds, if provided, shall be 1/2 (12.7 mm) high maximum and shall comply with CABO/ANSI A117.1.</p> <p>Exception: Thresholds at exterior sliding doors may be 3/4 inch (19 mm) high maximum, provided they are beveled with a slope of not greater than 1 unit vertical in 2 units horizontal (50% slope).</p> <p>1106.2.3 Changes in level. Changes in elevation of not more than 1/2 inches (12.7 mm) in height shall comply with CABO/ANSI A117.1. Changes in level greater than 1/2 inch (12.7 mm) in height shall be accomplished by a ramp, elevator or wheelchair lift complying with CABO/ANSI A117.1.</p> <p>A117.1 4.5.2 Changes in Level.</p> <p>A117.1 4.5.2.1 Changes in level of 1/4 in (6 mm) high maximum shall be permitted to be vertical and without edge treatment.</p> <p>A117.1 4.5.2.2 Changes in level between 1/4 in (6 mm) high minimum and 1/2 in (13</p>	<p>1110.4.2.2 Thresholds. Thresholds, if provided shall be 1/2 inch (13 mm) high maximum and shall comply with CABO/ANSI A117.1.</p> <p>Exception: Thresholds at exterior sliding doors may be 3/4 inches (19 mm) high maximum, provided they are beveled with a slope of not greater than 1:2.</p> <p>1110.3.3 Changes in level. Changes in level of not more than 1/2 inch (13 mm) in height shall comply with CABO/ANSI A117.1. Changes in level greater than 1/2 inch (13 mm) in height shall be accomplished by a ramp, elevator, or wheelchair lift complying with CABO/ANSI A117.1.</p> <p>A117.1 4.5.2 Changes in Level.</p> <p>A117.1 4.5.2.1 Changes in level of 1/4 in (6 mm) high maximum shall be permitted to be vertical and without edge treatment.</p> <p>A117.1 4.5.2.2 Changes in level between 1/4 in (6 mm) high minimum and 1/2 in</p>

	Fair Housing Accessibility Guidelines	ICC International Building Code 11-97 Draft / CABO A117.1-98	BOCA 1996 National Building Code CABO A117.1-92	ICBO 1997 Uniform Building Code CABO A117.1-1992	SBCCI 1997 Standard Bldg. Code CABO A117.1-92
		<p>A117.1 303.4 Ramped. Changes in level greater than 1/2 inch (13 mm) shall be ramped, and shall comply with 405 or 406.</p>	<p>curb ramp, ramp or elevator that complies with 4.7, 4.8 or 4.10, respectively.</p>	<p>mm) high maximum shall be beveled with a slope not steeper than 1:2. A117.1 4.5.2.3 Changes in level greater than 1/2 in (13 mm) shall be accomplished by a curb ramp, ramp or elevator that complies with 4.7, 4.8 or 4.10, respectively.</p>	<p>(13 mm) high maximum shall be beveled with a slope not steeper than 1:2. A117.1 4.5.2.3 Changes in level greater than 1/2 in (13 mm) shall be accomplished by a curb ramp, ramp or elevator that complies with 4.7, 4.8 or 4.10, respectively.</p>
95.	<p>(5) Exterior deck, patio, or balcony surfaces are no more than 1/2 inch below the floor level of the interior of the dwelling unit, unless they are constructed of impervious material such as concrete, stone. In such case, the surface is no more than 4 inches below the floor level of the interior of the dwelling unit, or lower if required by local building code.</p>	<p>A117.1 1003.4.2 Changes in Level. Changes in level shall comply with 303. Exception: Where exterior deck, patio or balcony surface materials are impervious, the finished exterior impervious surface shall be 4 inches (100 mm) maximum below the finished floor level of the adjacent interior spaces of the dwelling unit.</p>	<p>1017.1.1 Floor surface: The floor surface on both sides of a door shall be at the same elevation. The floor surface over which the door swings shall be at the same elevation as the floor level at the threshold and shall extend from the door in the closed position a distance equal to the door width. Exception: This requirement shall not apply to: 1. Exterior doors, as provided for in Section 1005.6, which are not on an accessible route. 2. Variations in elevation due to differences in finish materials, but not more than 1/2 inch (13 mm).</p>	<p>1106.2.3 Changes in level. Changes in elevation of not more than 1/2 inches (12.7 mm) in height shall comply with CABO/ANSI A117.1. Changes in level greater than 1/2 inch (12.7 mm) in height shall be accomplished by a ramp, elevator or wheelchair lift complying with CABO/ANSI A117.1. Exception: Where exterior deck, patio or balcony surface materials are impervious, the finished exterior impervious surface shall be 4 inches (102 mm) maximum below the finished floor level of the adjacent interior spaces of the dwelling unit.</p>	<p>1110.3.3 Changes in level. Changes in level of not more than 1/2 inch (13 mm) in height shall comply with CABO/ANSI A117.1. Changes in level greater than 1/2 inch (13 mm) in height shall be accomplished by a ramp, elevator, or wheelchair lift complying with CABO/ANSI A117.1. Exception: Where exterior deck, patio or balcony surface materials are impervious, the finished exterior impervious surface shall be 4 inches (100 mm) maximum below the finished floor level of the adjacent interior spaces of the dwelling unit.</p>
96.	<p>(6) At the primary entry door to dwelling units with direct exterior access, outside landing surfaces constructed of impervious materials such as concrete, brick, or flagstone, are no more than 1/2 inch below the floor level of the interior of the dwelling unit. The finished surface of this area that is located immediately outside the entry may be sloped, up to 1/8 inch per foot (12 inches), for drainage.</p>	<p>A117.1 1003.5.1 Primary Entrance Door. The primary entrance door to the dwelling unit shall comply with 404. Exception: Maneuvering clearances required by 404.2.4 shall not be required on the dwelling unit side of the primary entrance door.</p>	<p>1017.1.1 Floor surface: The floor surface on both sides of a door shall be at the same elevation. The floor surface over which the door swings shall be at the same elevation as the floor level at the threshold and shall extend from the door in the closed position a distance equal to the door width. Exception: This requirement shall not apply to: 1. Exterior doors, as provided for in Section 1005.6, which are not on an accessible route. 2. Variations in elevation due to differences in finish materials, but not more than 1/2 inch (13 mm). Thresholds at doorways shall not exceed 3/4 inch (19 mm) in height above the finished floor surface for exterior residential sliding doors or 1/2 inch (13 mm) for all other doors. Raised thresholds and floor level changes greater than 1/4 inch (6 mm) at doorways shall be beveled with a slope not greater than one unit vertical in two units horizontal (1:2). A117.1 4.3.8 Doors. Doors that are part of an accessible route shall comply with 4.13.</p>	<p>1106.4.1 Primary entrance door. The primary entrance door to the dwelling unit shall comply with Section 4.13 of CABO/ANSI A117.1. Exception: Maneuvering clearances required by Section 4.13.6 of CABO/ANSI A117.1 are not required on the dwelling unit side of the door.</p>	<p>1110.4.1 Primary entrance door. The primary entrance door to the dwelling unit shall comply with Section 4.13 of CABO/ANSI A117.1. Exception: Maneuvering clearances required by Section 4.13.6 of CABO/ANSI A117.1 are not required on the dwelling unit side of the doorway.</p>

	Fair Housing Accessibility Guidelines	ICC International Building Code 11-97 Draft / CABO A117.1-98	BOCA 1996 National Building Code CABO A117.1-92	ICBO 1997 Uniform Building Code CABO A117.1-1992	SBCCI 1997 Standard Bldg. Code CABO A117.1-92
		<p>A117.1 404.2.4.5 Floor or Ground Surface. Floor or ground surface within the maneuvering clearances shall have a slope not steeper than 1:48 and shall comply with 302.</p> <p>A117.1 404.2.5 Thresholds at Doorways. Thresholds, if provided, at doorways shall be 1/2 inch (13 mm) high maximum. Raised thresholds and changes in level at doorways shall comply with 302 and 303.</p>	<p>A117.1 4.13.6.15 Floor or ground surface within the required maneuvering spaces shall have a slope not steeper than 1:48 and shall be clear.</p> <p>A117.1 4.13.8 Thresholds at Doorways. Thresholds, if provided, at doorways shall be 1/2 in (13 mm) high maximum except that thresholds for exterior residential sliding doors shall be 3/4 in (19 mm) high maximum. Raised thresholds and floor level changes shall comply with 4.5.2.</p>	<p>A117.1 4.13.6.15 Floor or ground surface within the required maneuvering spaces shall have a slope not steeper than 1:48 and shall be clear.</p> <p>A117.1 4.13.8 Thresholds at Doorways. Thresholds, if provided, at doorways shall be 1/2 in (13 mm) high maximum except that thresholds for exterior residential sliding doors shall be 3/4 in (19 mm) high maximum. Raised thresholds and floor level changes shall comply with 4.5.2.</p>	<p>A117.1 4.13.6.15 Floor or ground surface within the required maneuvering spaces shall have a slope not steeper than 1:48 and shall be clear.</p> <p>A117.1 4.13.8 Thresholds at Doorways. Thresholds, if provided, at doorways shall be 1/2 in (13 mm) high maximum except that thresholds for exterior residential sliding doors shall be 3/4 in (19 mm) high maximum. Raised thresholds and floor level changes shall comply with 4.5.2.</p>

	Fair Housing Accessibility Guidelines	ICC International Building Code 11-97 Draft / CABO A117.1-98	BOCA 1996 National Building Code CABO A117.1-92	ICBO 1997 Uniform Building Code CABO A117.1-1992	SBCCI 1997 Standard Bldg. Code CABO A117.1-92
97.	Requirement 5. Light switches, electrical outlets, thermostats and other environmental controls in accessible locations.				
98.	Section 100.205(c)(3)(ii) requires that all covered multifamily dwellings with a building entrance on an accessible route shall be designed and constructed in such a manner that all premises within covered multifamily dwelling units contain light switches, electrical outlets, thermostats, and other environmental controls in accessible locations.				
99.	<p>Guideline Light switches, electrical outlets, thermostats and other environmental controls would meet section 100.205(c)(3)(ii) if operable parts of the controls are located no higher than 48 inches, and no lower than 15 inches, above the floor. If the reach is over an obstruction (for example, an overhanging shelf) between 20 and 25 inches in depth, the maximum height is reduced to 44 inches for forward approach; or 46 inches for side approach, provided the obstruction (for example, a kitchen base cabinet) is no more than 24 inches in depth. Obstructions should not extend more than 25 inches from the wall beneath a control. (See Fig.2.)</p> <p>Note Controls or outlets that do not satisfy these specifications are acceptable provided that comparable controls or outlets (i.e., that perform the same functions) are provided within the same area and are accessible, in accordance with this guideline for Requirement 5.</p>	<p>A117.1 1003.9 Operable Parts. Lighting controls, electrical receptacles, environmental controls, and user controls for security or intercom systems shall comply with 309.2 and 309.3.</p> <p>Exceptions:</p> <ol style="list-style-type: none"> 1. Electrical receptacles serving a dedicated use. 2. Appliance mounted controls or switches. 3. A single outlet where all of the following conditions are met: <ul style="list-style-type: none"> (a) the outlet is above a length of countertop that is uninterrupted by a sink or appliance; and (b) at least one receptacle complying with 1003.9 is provided for that length of countertop; and (c) all other receptacles provided for that length of countertop comply with 1003.9. 4. Floor electrical receptacles. 5. Plumbing fixture controls. 6. HVAC diffusers. 7. Ceiling fan mounted controls. <p>A117.1 309.2 Clear Floor or Ground Space. A clear floor or ground space complying with 305 shall be provided.</p>	<p>1108.10 Controls, operating mechanisms and hardware: Controls, operating mechanisms and hardware, including switches that control lighting, ventilation or electrical outlets, in accessible spaces, along accessible routes or as parts of accessible elements, shall be accessible.</p> <p>A117.1 4.25 Operable Parts of Equipment and Appliances</p> <p>A117.1 4.25.1 General. Operable parts of equipment and appliances in accessible spaces, along accessible routes, or as part of accessible elements shall comply with 4.25.</p>	<p>1106.3 Operating Controls. 1106.3.1 General. Lighting controls, electrical receptacles, environmental controls, and user controls for security or intercom systems shall comply with this section.</p> <p>Exceptions:</p> <ol style="list-style-type: none"> 1. Electrical receptacles serving a dedicated use. 2. Appliance-mounted controls or switches. 3. A single receptacle located above a portion of countertop uninterrupted by a sink or appliance need not be accessible, provided: <ul style="list-style-type: none"> 3.1 At least one receptacle complying with this section is provided for the portion of countertop and 3.2 All other receptacles provided for the portion of countertop comply with this section. 4. Floor electrical receptacles. 5. Plumbing fixture controls. <p>1106.3.2 Clear floor space. A 30-inch-by-48-inch (762 mm by 1219 mm) minimum clear floor space positioned for forward or parallel approach shall be provided at each accessible operating control. Where a parallel approach is provided to an</p>	<p>1110.5 Operating controls 1110.5.1 General. Lighting controls, electrical receptacles, environmental controls, and user controls for security or intercom systems shall comply with 1110.5.</p> <p>Exceptions:</p> <ol style="list-style-type: none"> 1. Electrical receptacles serving a dedicated use. 2. Appliance mounted controls or switches. 3. A single receptacle located above base cabinets, with a length of countertop uninterrupted by a sink or appliance, provided the receptacle is located less than 36 inches from the intersection of two walls behind the countertop, at least one receptacle complying with 1110.5 is provided for the length of the countertop, and all other receptacles provided for the length of countertop comply with 1110.5. 4. Floor electrical receptacles. 5. Plumbing fixture controls. 6. HVAC diffusers. 7. Ceiling fan mounted controls. <p>1110.5.2 Clear floor space. A 30 inch by 48 inch (760 mm by 1220 mm) minimum clear floor space positioned for forward or parallel approach shall be provided at each accessible operating control. Where a parallel approach is provided to an</p>

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		<p>A117.1 309.3 Height. Operable parts shall be placed within one or more of the reach ranges specified in 308.</p> <p>Exceptions:</p> <ol style="list-style-type: none"> 1. Where the use of special equipment dictates otherwise. 2. Where electrical and communications systems receptacles are not normally intended for use by building occupants. <p>A117.1 308 Reach Ranges</p> <p>A117.1 308.1 General. Reach ranges shall comply with 308.</p> <p>A117.1 308.2 Forward Reach.</p> <p>A117.1 308.2.1 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 15 inches (380 mm) minimum above the floor or ground.</p> <p>A117.1 308.2.2 Obstructed High Reach. Where a high forward reach is over an obstruction, the clear floor or ground space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48 inches (1220 mm) maximum where the reach depth is 20 inches (510 mm) maximum. Where the reach depth exceeds 20 inches (510 mm), the high forward reach shall be 44 inches (1120 mm) maximum and the reach depth shall be 25 inches (635 mm) maximum.</p> <p>A117.1 308.3 Side Reach.</p> <p>A117.1 308.3.1 Unobstructed. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, 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 or ground.</p> <p>A117.1 308.3.2 Obstructed High Reach. Where a clear floor or ground space allows a parallel approach to an object and the</p>	<p>A117.1 4.25.3 Height. Operable parts of equipment and appliances shall be placed within one or more of the reach ranges specified in 4.2.5 and 4.2.6.</p> <p>Exception: Electrical and communications-system receptacles on walls shall be mounted 15 in (380 mm) minimum above the floor unless the use of special equipment requires location at a different position.</p> <p>A117.1 4.2.5 Forward Reach</p> <p>A117.1 4.2.5.1 Unobstructed. If the clear floor space allows only forward approach to an object and is unobstructed, the high forward reach permitted shall be 48 in (1220 mm) maximum and the low forward reach shall be 15 in (380 mm) minimum above the floor.</p> <p>A117.1 4.2.5.2 Obstructed. If the high forward reach is over an obstruction, reach depth and heights shall comply with Table 4.2.5.2.</p> <p>A117.1 4.2.6 Side Reach</p> <p>A117.1 4.2.6.1 Unobstructed. If the clear floor space allows a parallel approach by a person in a wheelchair, the high side reach permitted shall be 54 in (1370 mm) maximum and the low side reach shall be 15 in (380 mm) minimum above the floor.</p>	<p>operating control located above an obstruction, the offset between the centerlines of the clear floor space and the operating control shall be 12 inches (305 mm) maximum.</p> <p>1106.3 Height. Operable parts of operating controls shall be 48 inches (1219 mm) maximum and 15 inches (381 mm) minimum above the floor. Operable parts located above an obstruction shall comply with Section 4.2.5.2 or 4.2.6.2 of CABO/ANSI A117.1.</p> <p>A117.1 4.2.5.2 Obstructed. If the high forward reach is over an obstruction, reach depth and heights shall comply with Table 4.2.5.2.</p>	<p>operating control located above an obstruction, the offset between the centerlines of the clear floor space and the operating control shall be 12 inches (305 mm) maximum.</p> <p>1110.5.3 Height. Operable parts of operating controls shall be 48 inches (1220 mm) maximum and 15 inches (380 mm) minimum above the floor. Operable parts located above an obstruction shall comply with Section 4.2.5.2 or 4.2.6.2 of CABO/ANSI A117.1.</p> <p>A117.1 4.2.5.2 Obstructed. If the high forward reach is over an obstruction, reach depth and heights shall comply with Table 4.2.5.2.</p>

	Fair Housing Accessibility Guidelines	ICC International Building Code 11-97 Draft / CABO A117.1-98	BOCA 1996 National Building Code CABO A117.1-92	ICBO 1997 Uniform Building Code CABO A117.1-1992	SBCCI 1997 Standard Bldg. Code CABO A117.1-92			
		<p>high side reach is over an obstruction, the height of the obstruction shall be 34 inches (865 mm) maximum and the depth of the obstruction shall be 24 inches (610 mm) maximum. The high side reach shall be 48 inches (1220 mm) maximum for a reach depth of 10 inches (255 mm) maximum. Where the reach depth exceeds 10 inches (255 mm), the high side reach shall be 46 inches (1170 mm) maximum for a reach depth of 24 inches (610 mm) maximum.</p>	<p>A117.1 4.2.6.2 Obstructed. If the side reach is over an obstruction, the high reach shall be 46 in (1170 mm) maximum providing: – the height of the obstruction from the floor or ground is 34 in (865 mm) maximum, and – the depth of the obstruction is 24 in (610 mm) maximum.</p> <p>A117.1 4.25.4 Operation. Operable parts of equipment and appliances shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 lb (22.2 N) maximum.</p>	<p>A117.1 4.2.6.2 Obstructed. If the side reach is over an obstruction, the high reach shall be 46 in (1170 mm) maximum providing: – the height of the obstruction from the floor or ground is 34 in (865 mm) maximum, and – the depth of the obstruction is 24 in (610 mm) maximum.</p>	<p>A117.1 4.2.6.2 Obstructed. If the side reach is over an obstruction, the high reach shall be 46 in (1170 mm) maximum providing: – the height of the obstruction from the floor or ground is 34 in (865 mm) maximum, and – the depth of the obstruction is 24 in (610 mm) maximum.</p>			
100.			A117.1 Table 4.2.5.2 Reach limits for obstructed forward reach¹	A117.1 Table 4.2.5.2 Reach limits for obstructed forward reach¹	A117.1 Table 4.2.5.2 Reach limits for obstructed forward reach¹			
101.			Reach depth in (mm)	Reach height in (mm)	Reach depth in (mm)	Reach height in (mm)		
102.			0-<20 (0-<510)	48 (1220)	0-<20 (0-<510)	48 (1220)		
103.			20-25	44 (1120)	20-25	44 (1120)		
104.			1. The clear floor space extending under an obstruction shall be equal to or greater than the reach depth for a maximum of 25 in (635 mm).		1. The clear floor space extending under an obstruction shall be equal to or greater than the reach depth for a maximum of 25 in (635 mm).		1. The clear floor space extending under an obstruction shall be equal to or greater than the reach depth for a maximum of 25 in (635 mm).	

	Fair Housing Accessibility Guidelines	ICC International Building Code 11-97 Draft / CABO A117.1-98	BOCA 1996 National Building Code CABO A117.1-92	ICBO 1997 Uniform Building Code CABO A117.1-1992	SBCCI 1997 Standard Bldg. Code CABO A117.1-92
105.	Requirement 6. Reinforced walls for grab bars.				
106.	Section 100.205(c)(3)(iii) requires that covered multifamily dwellings with a building entrance on an accessible route shall be designed and constructed in such a manner that all premises within covered multifamily dwelling units contain reinforcements in bathroom walls to allow later installation of grab bars around toilet, tub, shower stall and shower seat, where such facilities are provided.		<i>Note: "IPC" is the ICC International Plumbing Code - 1995, with 1996 Supplement.</i>		
107.	<p>Guideline Reinforced bathroom walls to allow later installation of grab bars around the toilet, tub, shower stall and shower seat, where such facilities are provided, would meet section 100.205(c)(3)(iii) if reinforced areas are provided at least at those points where grab bars will be mounted. (For example, see Figs. 3, 4 and 5.) Where the toilet is not placed adjacent to a side wall, the bathroom would comply if provision was made for installation of floor mounted, foldaway or similar alternative grab bars. Where the powder room (a room with a toilet and sink) is the only toilet facility located on an accessible level of a multistory dwelling unit, it must comply with the requirement for reinforced walls for grab bars.</p> <p>Note Installation of bathtubs is not limited by the illustrative figures; a tub may have shelves or benches at either end; or a tub may be installed without surrounding walls, if there is provision for alternative mounting of grab bars. For example, a sunken tub placed away from walls could have reinforced areas for installation of floor-mounted grab bars. The same principle applies to shower</p>	<p>A117.1 1003.11.2 Grab Bar Reinforcement. Reinforcement shall be provided for future installation of grab bars and shower seats at water closets, bathtubs, and shower compartments.</p> <p>Where walls are to permit installation of grab bars and seats complying with 604.5, 607.4, or 610, reinforcement shall be provided for future installation of grab bars meeting those requirements.</p> <p>Exception: Reinforcement is not required in a room containing only a lavatory and a water closet, provided that the room does not contain the only lavatory or water closet on the accessible level of the dwelling unit.</p>	<p>IPC 405.3.4 Wall reinforcement.</p> <p>Where walls are located so as to permit the installation of grab bars and seats in accordance with CABO A117.1, reinforcements shall be provided for the installation of such grab bars and seats.</p> <p>Exceptions: 1. Wall reinforcements are not required in a room containing only a lavatory and a water closet, provided that the room does not contain the only lavatory or water closet on the accessible level of the dwelling unit.</p>	<p>1106.6.3 Grab bar and seat reinforcement.</p> <p>Where walls are located to permit installation of grab bars and seats complying with Section 4.17, 4.21.4, 4.22.3 or 4.44.4 of CABO/ANSI A117.1, reinforcement shall be provided for the installation of grab bars and seats meeting those requirements.</p> <p>Exception: Reinforcement is not required in a room containing only a lavatory and a water closet, provided that the room does not contain the only lavatory or water closet on the accessible level of the dwelling unit.</p>	<p>1110.9.3 Grab bar and seat reinforcement.</p> <p>Where walls are located so as to permit installation for grab bars and seats complying with Sections 4.17.4, 4.21.4, 4.22.4 or 4.23.3 of CABO/ANSI A117.1, reinforcement shall be provided for the installation of grab bars and seats meeting those requirements.</p> <p>Exception: Reinforcement is not required in a room containing only a lavatory and a water closet, provided the room does not contain the only lavatory or water closet on the accessible level of the dwelling unit.</p>

	Fair Housing Accessibility Guidelines	ICC International Building Code 11-97 Draft / CABO A117.1-98	BOCA 1996 National Building Code CABO A117.1-92	ICBO 1997 Uniform Building Code CABO A117.1-1992	SBCCI 1997 Standard Bldg. Code CABO A117.1-92
	<p>stalls -- e.g., glass-walled stalls could be planned to allow floor-mounted grab bars to be installed later.</p> <p>Reinforcement for grab bars may be provided in a variety of ways (for example, by plywood or wood blocking) so long as the necessary reinforcement is placed so as to permit later installation of appropriate grab bars</p>				

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108.	Requirement 7. Usable kitchens and bathrooms.				
109.	Section 100.205(c)(3)(iv) requires that covered multifamily dwellings with a building entrance on an accessible route shall be designed and constructed in such a manner that all premises within covered multifamily dwelling units contain usable kitchens and bathrooms such that an individual in a wheelchair can maneuver about the space.		<i>Note: "IPC" is the ICC International Plumbing Code - 1995, with 1996 Supplement.</i>		
110.	<i>Kitchens</i>				
111.	Guideline (1) Usable kitchens. Usable kitchens would meet section 100.205(c)(3)(iv) if:	A117.1 1003.12 Kitchens. Kitchens shall comply with 1003.12.1 and 1003.12.2.	1108.3 Kitchens: Kitchens in Type B dwelling units shall comply with the plumbing code listed in Chapter 35. IPC 405.2 Type B dwelling unit kitchens. Kitchens in dwelling units required to be Type B dwelling units shall comply with Sections 405.2.1 through 405.2.2.2.	1106.5 Kitchens	1110.8 Kitchens
112.	(a) A clear floor space at least 30 inches by 48 inches that allows a parallel approach by a person in a wheelchair is provided at the range or cooktop and sink, and either a parallel or forward approach is provided at oven, dishwasher, refrigerator/freezer or trash compactor. (See Fig. 6)	A117.1 1003.12.2 Clear Floor or Ground Space. Clear floor or ground space at appliances shall comply with 305.3 and 1003.12.2.1 through 1003.12.2.6. A117.1 1003.12.2.1 Sink. The sink shall comply with 1003.12.2.1.1 and 1003.12.2.1.2. A117.1 1003.12.2.1.1 Approach. Clear floor or ground space shall be positioned for a parallel approach. Exception: Sink complying with 606. A117.1 1003.12.2.1.2 Position. The centerline of the sink shall align with the centerline of the clear floor or ground space. A117.1 1003.12.2.2 Dishwasher. Clear floor or ground space shall be positioned for parallel or forward approach. Clear floor or ground space shall be positioned beyond the swing of the dishwasher door. A117.1 1003.12.2.3 Range or Cooktop. Clear floor or ground space shall be	IPC 405.2.2 Clear floor space. Clear floor space in kitchens shall comply with Sections 405.2.2.1 and 405.2.2.2 and CABO A117.1. IPC 405.2.2.1 Sink. A clear floor space at the sink shall be provided for parallel approach by a wheelchair. The clear floor space shall extend a minimum of 15 inches (381 mm) from each side of the centerline of the sink. This section shall not apply to sinks complying with CABO A117.1. IPC 405.2.2.2 Appliances. A clear floor space shall be provided for parallel or forward approach by a wheelchair at dishwashers, ranges, cooktops, ovens, refrigerator/freezers, and trash compactors.	1106.5.2 Clear floor space. A 30-inch-by-48-inch (762 mm by 1219 mm) minimum clear floor space shall be provided at the sink and at each appliance. 1. The clear floor space at the sink shall be positioned for parallel approach. The clear floor space shall extend 15 inches (381 mm) minimum from each side of the sink center line. Exception: Sinks complying with Section 4.33.4.5 of CABO/ANSI A117.1. 2. Where provided, the dishwasher, range, cooktop, oven, refrigerator/freezer and trash compactor shall have a clear floor space positioned for either parallel or forward approach.	1110.8.2 Clear floor space 1110.8.2.1 A 30 inch by 48 inch (762 mm by 1219 mm) minimum clear floor space shall be provided at the sink and at each appliance. 1110.8.2.2 The clear floor space at the sink shall be positioned for parallel approach. The offset of the centerlines of the clear floor space and sink shall be 9 inches (228 mm) maximum. Exception: Sinks complying with Section 4.33.4.5 of CABO/ANSI A117.1. 1110.8.2.3 Where provided, the dishwasher, range, cooktop, oven, refrigerator/freezer and trash compactor shall have a clear floor space positioned for either parallel or forward approach.

	Fair Housing Accessibility Guidelines	ICC International Building Code 11-97 Draft / CABO A117.1-98	BOCA 1996 National Building Code CABO A117.1-92	ICBO 1997 Uniform Building Code CABO A117.1-1992	SBCCI 1997 Standard Bldg. Code CABO A117.1-92
		<p>positioned for parallel approach. Exception: Where a forward approach clear floor or ground space is provided, the clear floor or ground space shall provide knee and toe clearance complying with 306. Where knee and toe space is provided, the underside of the range or cooktop shall be insulated or otherwise configured to prevent burns, abrasions, or electrical shock. A117.1 1003.12.2.4 Oven. Clear floor or ground space shall be positioned for parallel or forward approach. A117.1 1003.12.2.5 Refrigerator/Freezer. Clear floor or ground space shall be positioned for parallel or forward approach. A117.1 1003.12.2.6 Trash Compactor. Clear floor or ground space shall be positioned for parallel or forward approach. A117.1 1003.10 Laundry Equipment. Washing machines and dryers shall comply with 1003.10.1. A117.1 Clear Floor or Ground Space. A clear floor or ground space complying with 305.3, positioned for parallel approach and centered on the appliance, shall be provided.</p>			<p>1110.8.2.4 The dishwasher door, in the open position, shall not overlap the dishwasher clear floor space.</p>
113.	(b) Clearance between counters and all opposing base cabinets, countertops, appliances or walls is at least 40 inches.	<p>A117.1 1003.12.1 Clearance. Clearance complying with 1003.12.1.1 and 1003.12.1.2 shall be provided. A117.1 1003.12.1.1 Galley Clearance between all opposing base cabinets, counter tops, appliances, or walls within kitchen work areas shall be 40 inches (1015 mm) minimum.</p>	<p>IPC 405.2.1 Clearances. The clearance between all opposing base cabinets, countertops, appliances, or walls within kitchen work areas shall be a minimum of 40 inches (1016 mm). ...</p>	<p>1106.5.1 Clearances. Clearances between all opposing base cabinets, countertops, appliances or walls within kitchen work areas shall be 40 inches (1016 mm) minimum. ...</p>	<p>1110.8.1 Clearances 1110.8.1.1 Clearances between all opposing base cabinets, countertops, appliances, or walls within kitchen work areas shall be 40 inches (1016 mm) minimum.</p>
114.	(c) In U-shaped kitchens with sink or range or cooktop at the base of the "U", a 60-inch turning radius is provided to allow parallel approach, or base cabinets are removable at that location to allow knee space for a forward approach.	<p>A117.1 1003.11.1.2 U-Shaped In kitchens with counters, appliances or cabinets 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.</p>	<p>IPC 405.2.1 Clearances. ... Where kitchens have counters, appliances, or cabinets located on three contiguous sides, the clearance between all opposing base cabinets, countertops, appliances, or walls within the kitchen work area shall be a minimum of 60 inches (1524 mm).</p>	<p>1106.5.1 Clearances. ... In kitchens with counters, appliances or cabinets located on three contiguous sides, clearance between all opposing base cabinets, counter tops, appliances or wall within kitchen work areas shall be 60 inches (1524 mm) minimum.</p>	<p>1110.8.1.2 In kitchens with counters, appliances or cabinets located on three contiguous sides, clearance between all opposing base cabinets, countertops, appliances or walls within kitchen work areas shall be 60 inches (1524 mm) minimum.</p>
115.	<i>Bathrooms</i>				

	Fair Housing Accessibility Guidelines	ICC International Building Code 11-97 Draft / CABO A117.1-98	BOCA 1996 National Building Code CABO A117.1-92	ICBO 1997 Uniform Building Code CABO A117.1-1992	SBCCI 1997 Standard Bldg. Code CABO A117.1-92
116.	(2) Usable bathrooms. To meet the requirements of section 100.205(c)(3)(iv) either:	A117.1 1003.11 Toilet and Bathing Fixtures. Toilet and bathing fixtures shall comply with 1003.11.1 through 1003.11.3. EXCEPTION: Fixtures on levels not required to be accessible. A117.1 1003.11.3 Bathroom Fixtures. Bathroom fixtures shall comply with either 1003.11.3.1 (Option A) or 1003.11.3.2 (Option B).	IPC 405.3 Type B dwelling unit toilet and bathing facilities. Toilet and bathing facilities in dwelling units required to be Type B dwelling units shall comply with Sections 405.3.3 and 405.3.4, and either Section 405.3.1 or Section 405.3.2. This section shall not apply to facilities on levels not required to be accessible by the building code.	1106.6 Toilet and Bathing Facilities. 1106.6.1 General. Toilet and bathing facilities in Type B dwelling units shall comply with Section 1106.2 through 1106.4 and this section. EXCEPTION: Facilities on levels not required to be accessible. 1106.6.4 Toilet and bathing fixtures. Toilet and bathing fixtures shall comply with either Section 1106.6.4.1 or 1106.6.4.2.	1110.9 Toilet and bathing facilities 1110.9.1 General. Toilet and bathing facilities in Type B dwelling units shall comply with 1110.3 through 1110.5, and with 1110.9. Exception: Facilities on levels not required to be accessible. 1110.9.4 Toilet and bathing fixtures. Toilet and bathing fixtures shall comply with either 1110.9.4.1 Option A or 1110.9.4.2 Option B.
117.	All bathrooms in the dwelling unit comply with the provisions of paragraph (a); or	A117.1 1003.11.3.1 Option A. Each fixture provided shall comply with 1003.11.3.1.1 through 1003.11.3.1.4. Exception: A lavatory and a water closet in a room containing only a lavatory and water closet, provided that the room does not contain the only lavatory or water closet on the accessible level of the dwelling unit.	IPC 405.3.2 Multiple accessible fixtures. Each fixture provided shall comply with Sections 405.3.2.1 through 405.3.2.4. A lavatory and a water closet located in a room containing only a lavatory and water closet shall not be required to comply with this section provided that the room does not contain the only lavatory or water closet on the accessible level of the dwelling unit.	1106.6.4.1 Option A. Each fixture provided shall comply with this section. Exception: A lavatory and a water closet located in a room containing only a lavatory and water closet, provided that the room does not contain the only lavatory or water closet on the accessible level of the dwelling unit.	1110.9.4.1 Option A. Each fixture provided shall comply with 1110.9.4.1. Exception: A lavatory and a water closet located in a room containing only a lavatory and water closet, provided the room does not contain the only lavatory or water closet on the accessible level of the dwelling unit.
118.	At least one bathroom in the dwelling unit complies with the provisions of paragraph (b), and all other bathrooms and powder rooms within the dwelling unit must be on an accessible route with usable entry doors in accordance with the guidelines for Requirements 3 and 4.	A117.1 1003.11.3.2 Option B. One of each type of fixture provided shall comply with 1003.11.3.2.1 through 1003.11.3.2.3. The accessible fixtures shall be in a single toilet/bathing area, such that travel between fixtures does not require travel through other parts of the dwelling unit.	IPC 405.3.1 Single accessible fixtures. One of each type of fixture provided shall comply with Sections 405.3.1.1 through 405.3.1.4. The accessible fixtures shall be located in a single toilet/bathing area and access shall not require travel through other parts of the dwelling unit.	1106.6.4.2 Option B. One of each type of fixture provided shall comply with Section 1106.6.4.2. The accessible fixtures shall be located in a single toilet/bathing area.	1110.9.4.2 Option B. One of each type of fixture provided shall comply with 1110.9.4.2. The accessible fixtures shall be located in a single toilet/bathing area.
119.	However, in multistory dwelling units, only those bathrooms on the accessible level are subject to the requirements of section 100.205(c)(3)(iv).	A117.1 1003.11 Toilet and Bathing Fixtures. Toilet and bathing fixtures shall comply with 1003.11.1 through 1003.11.3. Exception: Fixtures on levels not required to be accessible.	IPC 405.3 Type B dwelling unit toilet and bathing facilities. Toilet and bathing facilities in dwelling units required to be Type B dwelling units shall comply with Sections 405.3.3 and 405.3.4, and either Section 405.3.1 or Section 405.3.2. This section shall not apply to facilities on levels not required to be accessible by the building code.	1106.6.1 General. Toilet and bathing facilities in Type B dwelling units shall comply with Section 1106.2 through 1106.4 and this section. Exception: Facilities on levels not required to be accessible.	1110.9.1 General. Toilet and bathing facilities in Type B dwelling units shall comply with 1110.3 through 1110.5, and with 1110.9. Exception: Facilities on levels not required to be accessible.
120.	Where a powder room is the only facility provided on the accessible level of a multistory dwelling unit, the powder room must comply with provisions of paragraph (a) or paragraph (b).	1107.4.4 Accessible dwelling units. ... Exceptions: 3. ... Where a multistory dwelling unit is provided with elevator service to only one floor, the floor provided with elevator service shall comply with the requirements for a Type B dwelling unit, and a toilet	1107.4.2 Accessible dwelling units: ... Exceptions 1. ... Where a multistory dwelling unit is provided with elevator service to only one floor, the floor provided with elevator service shall comply with the requirements for a Type B dwelling unit and a toilet facility	1103.1.9.3 Multi-unit dwellings. ... Exceptions: 3. ... Where a multistory dwelling units is provided with elevator service to only one floor, the floor provided with elevator service shall comply with the requirements for a Type B dwelling unit, and a toilet	1105.4.2 ... Exception: 2. ... Where a multistory dwelling unit is provided with elevator service to only one floor, the floor provided with elevator service shall comply with the requirements for a Type B dwelling unit and a toilet

	Fair Housing Accessibility Guidelines	ICC International Building Code 11-97 Draft / CABO A117.1-98	BOCA 1996 National Building Code CABO A117.1-92	ICBO 1997 Uniform Building Code CABO A117.1-1992	SBCCI 1997 Standard Bldg. Code CABO A117.1-92
		facility shall be provided on that floor.	shall be provided on that floor.	facility shall be provided on that floor.	facility shall be provided.
121.	Powder rooms that are subject to the requirements of section 100.205(c)(3)(iv) must have reinforcements for grab bars as provided in the guideline for Requirement 6.	<p>A117.1 1003.11.2 Grab Bar Reinforcement. Reinforcement shall be provided for future installation of grab bars and shower seats at water closets, bathtubs, and shower compartments. Where walls are to permit installation of grab bars and seats complying with 604.5, 607.4, or 610, reinforcement shall be provided for future installation of grab bars meeting those requirements.</p> <p>Exception: Reinforcement is not required in a room containing only a lavatory and a water closet, provided that the room does not contain the only lavatory or water closet on the accessible level of the dwelling unit.</p>	<p>IPC 405.3.4 Wall reinforcement. Where walls are located so as to permit the installation of grab bars and seats in accordance with CABO A117.1, reinforcements shall be provided for the installation of such grab bars and seats.</p> <p>Exceptions:</p> <p>1. Wall reinforcements are not required in a room containing only a lavatory and a water closet, provided that the room does not contain the only lavatory or water closet on the accessible level of the dwelling unit.</p>	<p>1106.6.3 Grab bar and seat reinforcement. Where walls are located to permit installation of grab bars and seats complying with Section 4.17, 4.21.4, 4.22.3 or 4.44.4 of CABO/ANSI A117.1, reinforcement shall be provided for the installation of grab bars and seats meeting those requirements.</p> <p>Exception: Reinforcement is not required in a room containing only a lavatory and a water closet, provided that the room does not contain the only lavatory or water closet on the accessible level of the dwelling unit.</p>	<p>1110.9.3 Grab bar and seat reinforcement. Where walls are located so as to permit installation for grab bars and seats complying with Sections 4.17.4, 4.21.4, 4.22.4 or 4.23.3 of CABO/ANSI A117.1, reinforcement shall be provided for the installation of grab bars and seats meeting those requirements.</p> <p>Exception: Reinforcement is not required in a room containing only a lavatory and a water closet, provided the room does not contain the only lavatory or water closet on the accessible level of the dwelling unit.</p>
122.	<i>Option A Bathrooms</i>				
123.	(a) Bathrooms that have reinforced walls for grab bars (see Requirement 6) would meet section 100.205(c)(3)(iv) if:	<p>A117.1 1003.11.3.1 Option A. Each fixture provided shall comply with 1003.11.3.1.1 through 1003.11.3.1.4.</p> <p>Exception: A lavatory and a water closet in a room containing only a lavatory and water closet, provided that the room does not contain the only lavatory or water closet on the accessible level of the dwelling unit.</p>	<p>IPC 405.3.2 Multiple accessible fixtures. Each fixture provided shall comply with Sections 405.3.2.1 through 405.3.2.4. A lavatory and a water closet located in a room containing only a lavatory and water closet shall not be required to comply with this section provided that the room does not contain the only lavatory or water closet on the accessible level of the dwelling unit.</p>	<p>1106.6.4.1 Option A. Each fixture provided shall comply with this section.</p> <p>Exception: A lavatory and a water closet located in a room containing only a lavatory and water closet, provided that the room does not contain the only lavatory or water closet on the accessible level of the dwelling unit.</p>	<p>1110.9.4.1 Option A. Each fixture provided shall comply with 1110.9.4.1.</p> <p>Exception: A lavatory and a water closet located in a room containing only a lavatory and water closet, provided the room does not contain the only lavatory or water closet on the accessible level of the dwelling unit.</p>
124.	(i) Sufficient maneuvering space is provided within the bathroom for a person using a wheelchair or other mobility aid to enter and close the door, use the fixtures, reopen the door and exit. Doors may swing into the clear floor space provided at any fixture if the maneuvering space is provided. Maneuvering spaces may include any kneespace or toespace available below bathroom fixtures.	<p>A117.1 1003.11.1 Clear Floor or Ground Space. Clear floor or ground space required by 1003.11.3.1 or 1003.11.3.2 shall comply with 305.3 and 1003.11.1.1 through 1003.11.1.3.</p> <p>A117.1 1003.11.1.1 Doors. Doors shall not swing into the clear floor or ground space for any fixture.</p> <p>Exception: Where a clear floor or ground space complying with 305.3, excluding knee and toe clearances under elements, is provided within the room, beyond the arc of the door swing.</p> <p>A117.1 1003.11.1.2 Knee and Toe Clearance. Clear floor or ground space shall be permitted to include knee and toe</p>	<p>IPC 405.3.3 Clear floor space. The clear floor space required by Sections 405.3.1 and 405.3.2 for toilet and bathing facilities shall also comply with Sections 405.3.3.1 through 405.3.3.3.</p> <p>IPC 405.3.3.1 Door swing. Doors shall not swing into the required clear floor space for any fixture unless a 30 inch by 48 inch (762 mm by 1219 mm) clear floor space is provided beyond the arc of the door swing and within the room.</p> <p>IPC 405.3.3.2 Knee and toe clearances. The minimum required clear floor space shall include the space created by knee and toe clearances provided at fixtures,</p>	<p>1106.6.2 Clear floor space. Doors shall not swing into the clear floor space or clearance required for any fixture.</p> <p>Exception: Where a 30-inch-by-48-inch (762 mm by 1219 mm) minimum clear floor space is provided within the room, beyond the arc of the door swing.</p> <p>Clear floor space shall be permitted to include knee and toe clearances in accordance with Section 4.2.4.3 or CABO/ANSI A117.1. ...</p>	<p>1110.9.2 Clear floor space</p> <p>1110.9.2.1 Doors shall not swing into the clear floor space of clearance required for any fixture.</p> <p>Exception: Where a 30 inch x 48 inch (762 mm x 1219 mm) minimum clear floor space is provided within the room, beyond the arc of the door swing.</p> <p>1110.9.2.2 Clear floor space shall be permitted to include knee and toe clearances in accordance with Section</p>

	Fair Housing Accessibility Guidelines	ICC International Building Code 11-97 Draft / CABO A117.1-98	BOCA 1996 National Building Code CABO A117.1-92	ICBO 1997 Uniform Building Code CABO A117.1-1992	SBCCI 1997 Standard Bldg. Code CABO A117.1-92
		clearances complying with 306.	appliances and cabinets.		4.2.4.3 of CABO/ANSI A117.1.
125.	(ii) Clear floor space is provided at fixtures as shown in Fig. 7 (a), (b), (c) and (d). Clear floor space at fixtures may overlap.	A117.1 1003.11.1.3 Overlap. Clear floor or ground spaces shall be permitted to overlap.	IPC 405.3.3.3 Overlap. Where clear floor spaces overlap, each required clear floor space shall comply with the requirements of Section 405.3.	1106.6.2 Clear floor space. ... Clear floor spaces and clearances may overlap.	1110.9.2.3 Clear floor spaces shall be permitted to overlap with clearances and other clear floor spaces.
126.	Figure 7(a) Clear Floor Space for Water Closets	<p>A117.1 1003.11.3.1.2 Water Closet. The lateral distance from the centerline of the water closet to a bathtub, or lavatory shall be 18 inches (455 mm) minimum on one side and 15 inches (380 mm) minimum on the other side. Where the water closet is adjacent to the wall the lateral distance from the centerline of the water closet to the wall shall be 18 inches (455 mm) and 15 inches (380 mm) minimum to a lavatory or bathtub. The water closet shall be positioned to allow for future installation of a grab bar on the side with 18 inches (455 mm) clearance. Clearance areas around the water closet shall comply with 1003.11.3.1.2.1, 1003.11.3.1.2.2, or 1003.11.3.1.2.3.</p> <p>A117.1 1003.11.3.1.2.1 Parallel Approach. 56 inches (1420 mm) minimum shall be provided measured from the wall behind the water closet. 48 inches (1220 mm) minimum shall be provided measured from a point 18 inches (455 mm) from the centerline of the water closet on the side designated for future installation of grab bars. Vanities or lavatories on the wall behind the water closet are permitted to overlap the clear floor or ground space.</p> <p>A117.1 1003.11.3.1.2.2 Forward Approach. 66 inches (1675 mm) minimum shall be provided measured from the wall behind the water closet. 48 inches (1220 mm) minimum shall be provided measured from a point 18 inches (455 mm) from the centerline of the water closet on the side designated for future installation of grab bars. Vanities or lavatories on the wall</p>	<p>IPC 405.3.2.2 Water closets. Water closets shall comply with Section 405.3.1.2.</p> <p>IPC 405.3.1.2 Water closets. The lateral distance from the centerline of the water closet to a side wall shall be a minimum of 18 inches (457 mm). Where the water closet is located between a bathtub and a lavatory, the lateral distance from the centerline of the water closet to the adjacent fixtures shall be a minimum of 18 inches (457 mm) on one side and 15 inches (381 mm) on the other side. The water closet shall be located to allow for the installation of a grab bar on the side with the 18 inch (457 mm) required clearance. Clear floor space around the water closet shall comply with Sections 405.3.1.2.1 through 405.3.1.2.3 based on the type of wheelchair approach provided.</p> <p>IPC 405.3.1.2.1 Parallel wheelchair approach. Where parallel wheelchair approach is provided to the water closet, the minimum clear floor space shall be 56 inches (1422 mm) measured perpendicular to the wall behind the water closet by 48 inches (1219 mm) measured from the side designated for the installation of grab bars. Vanities or lavatories located on the wall behind the water closet and within the required clear floor space shall not extend beyond the front of the water closet.</p> <p>IPC 405.3.1.2.2 Forward wheelchair approach. Where forward wheelchair approach is provided to the water closet, the minimum clear floor space shall be 66 inches (1676 mm) measured perpendicular to the wall behind the water closet by 48 inches (1219 mm) measured from the side designated for the installation of grab bars. Vanities or lavatories located on the wall behind the water closet and within the required clear floor space shall not extend</p>	<p>1106.4.1.2 Water closet. The lateral distance from the center line of the water closet to a bathtub, lavatory or wall shall be 18 inches (457 mm) minimum on one side and 15 inches (381 mm) minimum on the other side. Where the water closet is located adjacent to a wall, the lateral distance from the center line of the water closet to the wall shall be 18 inches 457 mm) and 15 inches (381 mm) minimum to a lavatory or bathtub. Where the water closet is not located adjacent to a wall, the water closet shall be located to allow for the installation of a grab bar on the side with 18-inches (457 mm) clearance. Clearance areas around the water closet shall comply with one of the following:</p> <p>1. Parallel approach. 1.1 Fifty-six inches (1422 mm) minimum, measured from the wall behind the water closet. 1.2 Forty-eight inches (1219 mm) minimum, measured from a point 18 inches (457 mm) from the center line of the water closet on the side designated for the installation of grab bars. 1.3 Vanities or lavatories located on the wall behind the water closet are permitted to overlap the clear floor space.</p> <p>2. Forward approach. 2.1 Sixty-six inches (1676 mm) minimum, measured from the wall behind the water closet. 2.2 Forty-eight inches (1219 mm) minimum, measured from a point 18 inches (457 mm) from the center line of the water closet on the side designated for the installation of grab bars.</p>	<p>1110.9.4.1.2 Water closet. The lateral distance from the centerline of the water closet to a bathtub, lavatory, or wall shall be 18 inches (457 mm) minimum on one side and 15 inches (381 mm) minimum on the other side. Where the water closet is located adjacent to a wall, the lateral distance from the centerline of the water closet to the wall shall be 18 inches (457 mm) and 15 inches (381 mm) minimum to a lavatory or bathtub. Where the water closet is not located adjacent to a wall, the water closet shall be located to allow for the installation of a grab bar on the side with 18 inch (457 mm) clearance. Clearance areas around the water closet shall comply with one of the following:</p> <p>1. Parallel approach. 56 inches (1422 mm) minimum, measured from the wall behind the water closet. 48 inches (1219 mm) minimum, measured from a point 18 inches (457 mm) from the centerline of the water closet on the side designated for the installation of grab bars. Vanities or lavatories located on the wall behind the water closet are permitted to overlap the clear floor space.</p> <p>2. Forward approach. 66 inches (1676 mm) minimum, measured from the wall behind the water closet. 48 inches (1219 mm) minimum, measured from a point 18 inches (457 mm) from the centerline of the water closet on the side designated for the installation of grab bars. Vanities or lavatories located on the wall behind the water closet are permitted to</p>

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		<p>behind the water closet are permitted to overlap the clear floor or ground space.</p> <p>A117.1 1003.11.3.1.2.3 Parallel or Forward Approach. 56 inches (1420 mm) minimum shall be provided measured from the wall behind the water closet. 42 inches (1065 mm) shall be provided measured from the centerline of the water closet.</p>	<p>beyond the front of the water closet.</p> <p>IPC 405.3.1.2.3 Parallel and forward wheelchair approach. Where parallel and forward wheelchair approach is provided to the water closet, the minimum clear floor space shall be 56 inches (1422 mm) measured perpendicular to the wall behind the water closet by 42 inches (1067 mm) measured from the centerline of the water closet.</p>	<p>2.3 Vanities or lavatories located on the wall behind the water closet are permitted to overlap the clear floor space.</p> <p>3. Parallel or forward approach. 3.1 Fifty-six inches (1422 mm) minimum, measured from the wall behind the water closet. 3.2 Sixty inches (1524 mm) minimum, measured from a point 18 inches (457 mm) from the center line of the water closet on the side designated for the installation of grab bars.</p>	<p>overlap the clear floor space.</p> <p>3. Parallel or forward approach. 56 inches (1422 mm) minimum, measured from the wall behind the water closet. 42 inches (1065 mm) measured from the centerline of the water closet.</p>
127.	<p>Figure 7(b) Clear Floor Space at Bathtubs Figure 7(d) Clear Floor Space at Showers</p>	<p>A117.1 1003.11.3.1.3 Bathing Facilities. Where a bathtub or shower compartment is provided it shall conform with 1003.11.3.1.3.1, 1003.11.3.1.3.2, or 1003.11.3.1.3.3</p> <p>A117.1 1003.11.3.1.3.1 Parallel Approach Bathtubs. Clearance in front of bathtubs with a parallel approach shall be 30 inches (760 mm) wide minimum by 60 inches (1525 mm) long minimum A lavatory shall be permitted at the foot end of the bathtub if a 30 inch (760 mm) wide minimum by 48 inch (760 mm by 1220 mm) long minimum clearance in front of the bathtub is provided. Exception: Lavatories complying with 606 shall be permitted in the clearance.</p> <p>A117.1 1003.11.3.1.3.2 Forward Approach Bathtubs. Clearance in front of bathtubs with a forward approach shall be 48 inches (1220 mm) wide minimum by 60 inches (1220 mm by 1525 mm) long minimum A water closet shall be permitted in the clearance at the foot end of the bathtub.</p>	<p>IPC 405.3.2.3 Bathtubs. Clear floor space at bathtubs shall comply with Sections 405.3.2.3.1 or 405.3.2.3.2 based on the type of wheelchair approach provided.</p> <p>IPC 405.3.2.3.1 Parallel wheelchair approach. Where parallel wheelchair approach is provided to the bathtub, the minimum clear floor space shall be 30 inches (762 mm) measured perpendicular to the bathtub by 60 inches (1524 mm) measured parallel to the bathtub from the control end. A lavatory shall not be located in the required clear floor space unless located at the control end of the bathtub and a clear floor space is provided that is at least 48 inches (1219 mm) measured parallel to the bathtub from the lavatory. Alternatively, the lavatory located in the required clear floor space shall be provided with a removable base allowing for a forward approach to the bathtub in accordance with CABO A117.1.</p> <p>IPC 405.3.2.3.2 Forward wheelchair approach. Where forward wheelchair approach is provided to the bathtub, the minimum clear floor space shall be 48 inches (1219 mm) measured perpendicular to the bathtub by 60 inches (1524 mm) measured parallel to the bathtub from the control end. A water closet shall not be located in the required clear floor space unless located at the control end of the tub.</p> <p>IPC 405.3.2.4 Shower compartments. Shower compartments shall comply with Section 405.3.1.4.</p>	<p>1106.4.1.3 Bathing fixtures. Where bathing fixtures are provided, at least one bathing fixture in each toilet/bathing area shall comply with the following:</p> <p>1. Parallel approach bathtubs. Bathtubs with a parallel approach shall have a clearance 30 inches (762 mm) wide by 60 inches (1524 mm) long minimum adjacent to the bathtub. A lavatory may extend into the clearance at the control end of the tub if the 20-inch-by-48-inch (762 mm by 1219 mm) clearance remains.</p> <p>Exception: Lavatories complying with Section 4.20 of CABO/ANSI A117.1 may be placed in the clearance.</p> <p>2. Forward approach bathtubs. Bathtubs with a forward approach shall have a clearance 48 inches (1219 mm) wide by 60 inches (1524 mm) long minimum adjacent to the bathtub. A water closet may be placed in the clearance at the control end of the tub.</p>	<p>1110.9.4.1.3 Bathing fixtures. Where bathing fixtures are provided, at least one bathing fixture in each toilet/bathing area shall comply with the following:</p> <p>1. Parallel approach bathtubs. Bathtubs with a parallel approach shall have a clearance 30 inches wide by 60 inches long minimum (762 mm x 1524 mm) adjacent to the bathtub. A lavatory may extend into the clearance at the control end of the tub, if a 30 inch x 48 inch (762 mm x 1219 mm) clearance remains.</p> <p>Exception: Lavatories complying with Section 4.20 of CABO/ANSI A117.1 may be placed in the clearance.</p> <p>2. Forward approach bathtubs. Bathtubs with a forward approach shall have a clearance 48 inches wide by 60 inches long minimum (1219 mm x 1524 mm) adjacent to the bathtub. A water closet may be placed in the clearance at the control end of the tub.</p>

	Fair Housing Accessibility Guidelines	ICC International Building Code 11-97 Draft / CABO A117.1-98	BOCA 1996 National Building Code CABO A117.1-92	ICBO 1997 Uniform Building Code CABO A117.1-1992	SBCCI 1997 Standard Bldg. Code CABO A117.1-92
		<p>A117.1 1003.11.3.1.3.3 Shower Compartment. If a shower compartment is the only bathing facility, the shower compartment shall be 36 inches (915 mm) minimum by 36 inches (915 mm) minimum. Reinforcing for shower seat is not required in shower compartments larger than 36 inches (915 mm) by 36 inches (915 mm). Clearance of 30 inches (760 mm) wide minimum, measured from the face of the shower compartment, by 48 inches (1220 mm) deep minimum, measured from the shower head wall shall be provided.</p>	<p>IPC 405.3.1.4 Shower compartments. Where a shower compartment is the only bathing fixture, the shower compartment shall have minimum base dimensions of 36 inches by 36 inches (914 mm by 914 mm). Clear floor space shall be provided that is at least 30 inches (762 mm) measured perpendicular to the opening to the compartment by 48 inches (1219 mm) measured parallel to the compartment from the control side. Fold down or integrally molded-in seats in accessible shower compartments shall be permitted to project into the minimum base dimension.</p>	<p>1106.4.1.4 Showers. If a stall shower is the only bathing fixture, the stall shower shall have minimum dimensions of 36 inches by 36 inches (914 mm) by 914 mm). A clear floor space of not less than 30 inches (762 mm) measured perpendicular from the face of the shower stall by 48 inches (1219 mm) measured parallel from the shower head wall shall be provided</p>	<p>3. Stall showers. If a stall shower is the only bathing fixture, the stall shower shall have minimum dimensions of 36 inches by 36 inches (914 mm x 914 mm). Reinforcing for shower seats is not required in stall showers larger than 36 inches by 36 inches (915 mm by 915 mm). A clear floor space of not less than 30 inches (762 mm) measured perpendicular from the face of the shower stall, by 48 inches (1219 mm) measured parallel from the shower head wall, shall be provided.</p>
128.	<p>Figure 7(c) Clear Floor Space at Lavatories</p>	<p>A117.1 1003.11.3.1.1 Lavatory. A clear floor or ground space complying with 305.3, positioned for a parallel approach and centered on the lavatory shall be provided.</p> <p>Exceptions: 1. A lavatory complying with 606.</p>	<p>IPC 405.3.2.1 Lavatory. A clear floor space at the lavatory shall be provided for parallel approach by a wheelchair.</p> <p>The required clear floor space shall extend a minimum of 15 inches (381 mm) from each side of the centerline of the lavatory.</p> <p>Exception: Clear floor space for parallel approach is not required for a lavatory complying with CABO A117.1.</p>	<p>1106.4.1.1 Lavatory. A 30-inch-by-48-inch (762 mm) by 1219 mm) minimum clear floor space positioned for parallel approach shall be provided.</p> <p>Clear floor space shall extend 15 inches (381 mm) minimum from each side of the lavatory center line.</p> <p>Exception: A lavatory complying with Section 4.20 of CABO/ANSI A117.1.</p>	<p>1110.9.4.1.1 Lavatory. A 30 inch by 48 inch (762 mm x 1219 mm) minimum clear floor space positioned for parallel approach shall be provided.</p> <p>The offset of the centerlines of the clear floor space and lavatory shall be 9 inches (228 mm) maximum.</p> <p>Exception: A lavatory complying with Section 4.20 of CABO/ANSI A117.1.</p>
129.	<p>(iii) If the shower shall is the only bathing facility provided in the covered dwelling unit, or on the accessible level of a covered multistory unit, the shower stall measures at least 36 inches x 36 inches.</p>	<p>A117.1 1003.11.3.1.3.3 Shower Compartment. If a shower compartment is the only bathing facility, the shower compartment shall be 36 inches (915 mm) minimum by 36 inches (915 mm) minimum. Reinforcing for shower seat is not required in shower compartments larger than 36 inches (915 mm) by 36 inches (915 mm). Clearance of 30 inches (760 mm) wide minimum, measured from the face of the shower compartment, by 48 inches (1220 mm) deep minimum, measured from the shower head wall shall be provided.</p>	<p>IPC 405.3.2.4 Shower compartments. Shower compartments shall comply with Section 405.3.1.4.</p> <p>IPC 405.3.1.4 Shower compartments. Where a shower compartment is the only bathing fixture, the shower compartment shall have minimum base dimensions of 36 inches by 36 inches (914 mm by 914 mm). Clear floor space shall be provided that is at least 30 inches (762 mm) measured perpendicular to the opening to the compartment by 48 inches (1219 mm) measured parallel to the compartment from the control side. Fold down or integrally molded-in seats in accessible shower compartments shall be permitted to project into the minimum base dimension.</p>	<p>1106.4.1.4 Showers. If a stall shower is the only bathing fixture, the stall shower shall have minimum dimensions of 36 inches by 36 inches (914 mm) by 914 mm). A clear floor space of not less than 30 inches (762 mm) measured perpendicular from the face of the shower stall by 48 inches (1219 mm) measured parallel from the shower head wall shall be provided</p>	<p>1110.9.4.1.3 3. Stall showers. If a stall shower is the only bathing fixture, the stall shower shall have minimum dimensions of 36 inches by 36 inches (914 mm x 914 mm). Reinforcing for shower seats is not required in stall showers larger than 36 inches by 36 inches (915 mm by 915 mm). A clear floor space of not less than 30 inches (762 mm) measured perpendicular from the face of the shower stall, by 48 inches (1219 mm) measured parallel from the shower head wall, shall be provided.</p>

	Fair Housing Accessibility Guidelines	ICC International Building Code 11-97 Draft / CABO A117.1-98	BOCA 1996 National Building Code CABO A117.1-92	ICBO 1997 Uniform Building Code CABO A117.1-1992	SBCCI 1997 Standard Bldg. Code CABO A117.1-92
			<p>IPC 405.3.4 Wall reinforcement. Exceptions: 2. Wall reinforcement is not required for shower compartment seats where the shower compartment base is larger than 36 inches by 36 inches (914 mm by 914 mm).</p>		
130.	<p>Note Cabinets under lavatories are acceptable provided the bathroom has space to allow a parallel approach by a person in a wheelchair; if parallel approach is not possible within the space, any cabinets provided would have to be removable to afford the necessary knee clearance for forward approach</p>	<p>A117.1 1003.11.3.1.1 Lavatory. ... Exceptions: ... 2. Cabinetry shall be permitted to be added under the lavatory, provided such cabinetry can be removed without removal or replacement of the lavatory, and provided the finish floor extends under such cabinetry.</p>	<p>IPC 405.3.2.1 Lavatory. ... Exception: Clear floor space for parallel approach is not required for a lavatory complying with CABO A117.1. A117.1 4.33.3.3.2 Medicine cabinets provided under the lavatory shall provide, or shall be removable to provide, the clearances specified in 4.20.2.</p>	<p>1106.4.1.1 Lavatory.... Exception: A lavatory complying with Section 4.20 of CABO/ANSI A117.1. A117.1 4.33.3.3.2 Medicine cabinets provided under the lavatory shall provide, or shall be removable to provide, the clearances specified in 4.20.2.</p>	<p>1110.9.4.1.1 Lavatory.... Exception: A lavatory complying with Section 4.20 of CABO/ANSI A117.1. A117.1 4.33.3.3.2 Medicine cabinets provided under the lavatory shall provide, or shall be removable to provide, the clearances specified in 4.20.2.</p>
131.	<i>Option B Bathrooms</i>				
132.	(b) Bathrooms that have reinforced walls for grab bars (see Requirement 6) would meet section 100.205(c)(3)(iv) if:	<p>A117.1 1003.11.3.2 Option B. One of each type of fixture provided shall comply with 1003.11.3.2.1 through 1003.11.3.2.3. The accessible fixtures shall be in a single toilet/bathing area, such that travel between fixtures does not require travel through other parts of the dwelling unit.</p>	<p>IPC 405.3.1 Single accessible fixtures. One of each type of fixture provided shall comply with Sections 405.3.1.1 through 405.3.1.4. The accessible fixtures shall be located in a single toilet/bathing area and access shall not require travel through other parts of the dwelling unit.</p>	<p>1106.6.4.2 Option B. One of each type of fixture provided shall comply with Section 1106.6.4.2. The accessible fixtures shall be located in a single toilet/bathing area.</p>	<p>1110.9.4.2 Option B. One of each type of fixture provided shall comply with 1110.9.4.2. The accessible fixtures shall be located in a single toilet/bathing area.</p>
133.	<p>(i) Where the door swings into the bathroom, there is a clear space (approximately, 2' 6" by 4" 0") within the room to position a wheelchair or other mobility aid clear of the path of the door as it is closed and to permit use of fixtures. This clear space can include any knee space and toe space available below bathroom fixtures. (ii) Where the door swings out, a clear space is provided within the bathroom for a person using a wheelchair or other mobility aid to position the wheelchair such that the person is allowed use of fixtures. There also shall be clear space to allow persons using wheelchairs to reopen the door to exit.</p>	<p>A117.1 1003.11.1 Clear Floor or Ground Space. Clear floor or ground space required by 1003.11.3.1 or 1003.11.3.2 shall comply with 305.3 and 1003.11.1.1 through 1003.11.1.3. A117.1 1003.11.1.1 Doors. Doors shall not swing into the clear floor or ground space for any fixture. Exception: Where a clear floor or ground space complying with 305.3, excluding knee and toe clearances under elements, is provided within the room, beyond the arc of the door swing. A117.1 1003.11.1.2 Knee and Toe Clearance. Clear floor or ground space shall be permitted to include knee and toe clearances complying with 306.</p>	<p>IPC 405.3.3 Clear floor space. The clear floor space required by Sections 405.3.1 and 405.3.2 for toilet and bathing facilities shall also comply with Sections 405.3.3.1 through 405.3.3.3. IPC 405.3.3.1 Door swing. Doors shall not swing into the required clear floor space for any fixture unless a 30 inch by 48 inch (762 mm by 1219 mm) clear floor space is provided beyond the arc of the door swing and within the room. IPC 405.3.3.2 Knee and toe clearances. The minimum required clear floor space shall include the space created by knee and toe clearances provided at fixtures, appliances and cabinets.</p>	<p>1106.6.2 Clear floor space. Doors shall not swing into the clear floor space or clearance required for any fixture. Exception: Where a 30-inch-by-48-inch (762 mm by 1219 mm) minimum clear floor space is provided within the room, beyond the arc of the door swing. Clear floor space shall be permitted to include knee and toe clearances in accordance with Section 4.2.4.3 or CABO/ANSI A117.1.</p>	<p>1110.9.2 Clear floor space 1110.9.2.1 Doors shall not swing into the clear floor space of clearance required for any fixture. Exception: Where a 30 inch x 48 inch (762 mm x 1219 mm) minimum clear floor space is provided within the room, beyond the arc of the door swing. 1110.9.2.2 Clear floor space shall be permitted to include knee and toe clearances in accordance with Section 4.2.4.3 of CABO/ANSI A117.1.</p>

	Fair Housing Accessibility Guidelines	ICC International Building Code 11-97 Draft / CABO A117.1-98	BOCA 1996 National Building Code CABO A117.1-92	ICBO 1997 Uniform Building Code CABO A117.1-1992	SBCCI 1997 Standard Bldg. Code CABO A117.1-92
		<p>A117.1 1003.11.1.3 Overlap. Clear floor or ground spaces shall be permitted to overlap.</p>	<p>IPC 405.3.3.3 Overlap. Where clear floor spaces overlap, each required clear floor space shall comply with the requirements of Section 405.3.</p>	<p>Clear floor spaces and clearances may overlap.</p>	<p>1110.9.2.3 Clear floor spaces shall be permitted to overlap with clearances and other clear floor spaces.</p>
<p>134.</p>	<p>(iii) When both tub and shower fixtures are provided in the bathroom, at least one is made accessible. When two or more lavatories in a bathroom are provided, at least one is made accessible.</p>	<p>A117.1 1003.11.3.2 Option B. One of each type of fixture provided shall comply with 1003.11.3.2.1 through 1003.11.3.2.3. The accessible fixtures shall be in a single toilet/bathing area, such that travel between fixtures does not require travel through other parts of the dwelling unit.</p>	<p>IPC 405.3.1 Single accessible fixtures. One of each type of fixture provided shall comply with Sections 405.3.1.1 through 405.3.1.4. The accessible fixtures shall be located in a single toilet/bathing area and access shall not require travel through other parts of the dwelling unit.</p>	<p>1106.6.4.2 Option B. One of each type of fixture provided shall comply with Section 1106.6.4.2. The accessible fixtures shall be located in a single toilet/bathing area.</p>	<p>1110.9.4.2 Option B. One of each type of fixture provided shall comply with 1110.9.4.2. The accessible fixtures shall be located in a single toilet/bathing area.</p>
<p>135.</p>	<p>(iv) Toilets are located within bathrooms in a manner that permit a grab bar to be installed on one side of the fixture. In locations where toilets are adjacent to walls or bathtubs, the center line of the fixture is a minimum of 1'6" from the obstacle. The other (non-grab bar) side of the toilet fixture is a minimum of 1'3" from the finished surface of adjoining walls, vanities or from the edge of a lavatory. (See Figure 7(a).)</p>	<p>A117.1 1003.11.3.2.2 Water Closet. The water closet shall comply with 1003.11.3.1.2.</p> <p>A117.1 1003.11.3.1.2 Water Closet. The lateral distance from the centerline of the water closet to a bathtub, or lavatory shall be 18 inches (455 mm) minimum on one side and 15 inches (380 mm) minimum on the other side. Where the water closet is adjacent to the wall the lateral distance from the centerline of the water closet to the wall shall be 18 inches (455 mm) and 15 inches (380 mm) minimum to a lavatory or bathtub. The water closet shall be positioned to allow for future installation of a grab bar on the side with 18 inches (455 mm) clearance. Clearance areas around the water closet shall comply with 1003.11.3.1.2.1, 1003.11.3.1.2.2, or 1003.11.3.1.2.3.</p> <p>A117.1 1003.11.3.1.2.1 Parallel Approach. 56 inches (1420 mm) minimum shall be provided measured from the wall behind the water closet. 48 inches (1220 mm) minimum shall be provided measured from a point 18 inches (455 mm) from the centerline of the water closet on the side designated for future installation of grab bars. Vanities or lavatories on the wall behind the water closet are permitted to overlap the clear floor or ground space.</p> <p>A117.1 1003.11.3.1.2.2 Forward Approach. 66 inches (1675 mm) minimum</p>	<p>IPC 405.3.1.2 Water closets. The lateral distance from the centerline of the water closet to a side wall shall be a minimum of 18 inches (457 mm). Where the water closet is located between a bathtub and a lavatory, the lateral distance from the centerline of the water closet to the adjacent fixtures shall be a minimum of 18 inches (457 mm) on one side and 15 inches (381 mm) on the other side. The water closet shall be located to allow for the installation of a grab bar on the side with the 18 inch (457 mm) required clearance. Clear floor space around the water closet shall comply with Sections 405.3.1.2.1 through 405.3.1.2.3 based on the type of wheelchair approach provided.</p> <p>IPC 405.3.1.2.1 Parallel wheelchair approach. Where parallel wheelchair approach is provided to the water closet, the minimum clear floor space shall be 56 inches (1422 mm) measured perpendicular to the wall behind the water closet by 48 inches (1219 mm) measured from the side designated for the installation of grab bars. Vanities or lavatories located on the wall behind the water closet and within the required clear floor space shall not extend beyond the front of the water closet.</p> <p>IPC 405.3.1.2.2 Forward wheelchair approach. Where forward wheelchair approach is provided to the water closet, the</p>	<p>1106.4.1.2 Water closet. The lateral distance from the center line of the water closet to a bathtub, lavatory or wall shall be 18 inches (457 mm) minimum on one side and 15 inches (381 mm) minimum on the other side. Where the water closet is located adjacent to a wall, the lateral distance from the center line of the water closet to the wall shall be 18 inches (457 mm) and 15 inches (381 mm) minimum to a lavatory or bathtub. Where the water closet is not located adjacent to a wall, the water closet shall be located to allow for the installation of a grab bar on the side with 18-inches (457 mm) clearance. Clearance areas around the water closet shall comply with one of the following:</p> <p>1. Parallel approach.</p> <p>1.1 Fifty-six inches (1422 mm) minimum, measured from the wall behind the water closet.</p> <p>1.2 Forty-eight inches (1219 mm) minimum, measured from a point 18 inches (457 mm) from the center line of the water closet on the side designated for the installation of grab bars.</p> <p>1.3 Vanities or lavatories located on the wall behind the water closet are permitted to overlap the clear floor space.</p> <p>2. Forward approach.</p> <p>2.1 Sixty-six inches (1676 mm) minimum,</p>	<p>1110.9.4.2.2 Water closet. The water closet shall comply with 1110.9.4.1.2.</p> <p>1110.9.4.1.2 Water closet. The lateral distance from the centerline of the water closet to a bathtub, lavatory, or wall shall be 18 inches (457 mm) minimum on one side and 15 inches (381 mm) minimum on the other side. Where the water closet is located adjacent to a wall, the lateral distance from the centerline of the water closet to the wall shall be 18 inches (457 mm) and 15 inches (381 mm) minimum to a lavatory or bathtub. Where the water closet is not located adjacent to a wall, the water closet shall be located to allow for the installation of a grab bar on the side with 18 inch (457 mm) clearance. Clearance areas around the water closet shall comply with one of the following:</p> <p>1. Parallel approach. 56 inches (1422 mm) minimum, measured from the wall behind the water closet. 48 inches (1219 mm) minimum, measured from a point 18 inches (457 mm) from the centerline of the water closet on the side designated for the installation of grab bars. Vanities or lavatories located on the wall behind the water closet are permitted to overlap the clear floor space.</p> <p>2. Forward approach. 66 inches (1676 mm) minimum, measured from the wall</p>

	Fair Housing Accessibility Guidelines	ICC International Building Code 11-97 Draft / CABO A117.1-98	BOCA 1996 National Building Code CABO A117.1-92	ICBO 1997 Uniform Building Code CABO A117.1-1992	SBCCI 1997 Standard Bldg. Code CABO A117.1-92
		<p>shall be provided measured from the wall behind the water closet. 48 inches (1220 mm) minimum shall be provided measured from a point 18 inches (455 mm) from the centerline of the water closet on the side designated for future installation of grab bars. Vanities or lavatories on the wall behind the water closet are permitted to overlap the clear floor or ground space.</p> <p>A117.1 1003.11.3.1.2.3 Parallel or Forward Approach. 56 inches (1420 mm) minimum shall be provided measured from the wall behind the water closet. 42 inches (1065 mm) shall be provided measured from the centerline of the water closet.</p>	<p>minimum clear floor space shall be 66 inches (1676 mm) measured perpendicular to the wall behind the water closet by 48 inches (1219 mm) measured from the side designated for the installation of grab bars. Vanities or lavatories located on the wall behind the water closet and within the required clear floor space shall not extend beyond the front of the water closet.</p> <p>IPC 405.3.1.2.3 Parallel and forward wheelchair approach. Where parallel and forward wheelchair approach is provided to the water closet, the minimum clear floor space shall be 56 inches (1422 mm) measured perpendicular to the wall behind the water closet by 42 inches (1067 mm) measured from the centerline of the water closet.</p>	<p>measured from the wall behind the water closet.</p> <p>2.2 Forty-eight inches (1219 mm) minimum, measured from a point 18 inches (457 mm) from the center line of the water closet on the side designated for the installation of grab bars.</p> <p>2.3 Vanities or lavatories located on the wall behind the water closet are permitted to overlap the clear floor space.</p> <p>3. Parallel or forward approach.</p> <p>3.1 Fifty-six inches (1422 mm) minimum, measured from the wall behind the water closet.</p> <p>3.2 Sixty inches (1524 mm) minimum, measured from a point 18 inches (457 mm) from the center line of the water closet on the side designated for the installation of grab bars.</p>	<p>behind the water closet. 48 inches (1219 mm) minimum, measured from a point 18 inches (457 mm) from the centerline of the water closet on the side designated for the installation of grab bars. Vanities or lavatories located on the wall behind the water closet are permitted to overlap the clear floor space.</p> <p>3. Parallel or forward approach. 56 inches (1422 mm) minimum, measured from the wall behind the water closet. 42 inches (1065 mm) measured from the centerline of the water closet.</p>
136.	<p>(v) Vanities and lavatories are installed with the centerline of the fixture a minimum of 1'3" horizontally from an adjoining wall or fixture. The top of the fixture rim is a maximum height of 2'10" above the finished floor. If knee space is provided below the vanity, the bottom of the apron is at least 2'3" above the floor. If provided, full knee space (for front approach) is at least 1'5" deep. (See Figure 7(c).)</p>	<p>A117.1 1003.11.3.2.1 Lavatory. Lavatories shall comply with 1003.11.3.2.1.1 through 103.10.3.2.1.3.</p> <p>A117.1 1003.11.3.2.1.1 Clear Floor or Ground Space. A clear floor or ground space complying with 305.3, positioned for a parallel approach shall be provided.</p> <p>Exception: A lavatory complying with 606.</p> <p>A117.1 1003.11.3.2.1.2 Position. The centerline of the lavatory shall align with the centerline of the clear floor or ground space.</p> <p>A117.1 1003.11.3.2.1.3 Height. The front of the lavatory shall be 34 inches (230 mm) maximum above the floor or ground, measured to the higher of the fixture rim or counter surface.</p>	<p>IPC 405.3.1.1 Lavatory. A clear floor space at the lavatory shall be provided for parallel approach by a wheelchair.</p> <p>Exception: Clear floor space for parallel approach is not required for a lavatory complying with CABO A117.1.</p> <p>The required clear floor space shall extend a minimum of 15 inches (381 mm) from each side of the centerline of the lavatory.</p> <p>IPC 405.3.1.1.1 Flood level rim. The flood level rim of the lavatory shall be a maximum of 34 inches (864 mm) above the finished floor.</p>	<p>1106.6.4.2.1 Lavatory. A 30-inch-by-48-inch (762 mm by 1219 mm) minimum clear floor space positioned for parallel approach shall be provided.</p> <p>Exception: A lavatory complying with Section 4.20 of CABO/ANSI A117.1</p> <p>The clear floor space shall extend 15 inches (381 mm) minimum from each side of the lavatory center line.</p> <p>The fixture rim shall be 34 inches (864 mm) maximum above the finished floor.</p>	<p>1110.9.4.2.1 Lavatory. A 30 inch by 48 inch (762 mm x 1219 mm) minimum clear floor space positioned for parallel approach shall be provided.</p> <p>Exception: Forward approach is permitted for a lavatory complying with Section 4.20 of CABO/ANSI A117.1.</p> <p>The offset of the centerlines of the clear floor space and lavatory shall be 9 inches (228 mm) maximum.</p> <p>The fixture rim shall be 34 inches (864 mm) maximum above the finished floor.</p>
137.	<p>(vi) Bathtubs and tub/showers located in the bathroom provide a clear access aisle adjacent to the lavatory that is at least 2'6" wide and extends for a length of 4'0"</p>	<p>A117.1 1003.11.3.2.3 Bathing Facilities. Where either a bathtub or shower compartment is provided, it shall conform with 1003.11.3.2.3.1 or 1003.11.3.2.3.2.</p>	<p>IPC 405.3.1.3 Bathtubs. A clear floor space adjacent to the bathtub shall be provided that is at least 30 inches (762 mm) measured perpendicular to the bathtub by 48 inches (1219 mm) measured parallel to the bathtub</p>	<p>1106.6.4.2.3 Bathing fixtures. Where bathing fixtures are provided, at least one bathing fixture shall comply with the following:</p>	<p>1110.9.4.2.3 Bathing fixtures. Where bathing fixtures are provided, at least one bathing fixture shall comply with the following:</p>

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	(measured from the head of the bathtub). (See Figure 8.)	A117.1 1003.11.3.2.3.1 Bathtub. Clearance in front of bathtubs shall be 30 inches (760 mm) wide minimum by 48 inches (1220 mm) long minimum measured from the foot end of the bathtub.	from the control end of the bathtub.	1. Bathtub. A 30-inch-by-48-inch (762 mm by 1219 mm) minimum clear floor space positioned for parallel approach shall be provided adjacent to the bathtub. The front edge of the clear floor space shall align with the control end of the bathtub.	1. Bathtub. A 30 inch by 48 inch (762 mm x 1219 mm) minimum clear floor space positioned for parallel approach shall be provided adjacent to the bathtub. The front edge of the clear floor space shall align with the control end of the bathtub.
138.	(vii) Stall showers in the bathroom may be of any size or configuration. A minimum clear floor space 2'6" wide by 4'0" should be available outside the stall. (See Figure 7(d).) If the shower stall is the only bathing facility provided in the covered dwelling unit, or on the accessible level of a covered multistory unit, and measures a nominal 36 x 36 or smaller, the shower stall must have reinforcing to allow for installation of an optional wall hung bench seat	A117.1 1003.11.3.2.3.2 Shower Compartment. If a shower compartment is the only bathing facility the shower compartment shall have minimum dimensions of 36 inches (916 mm) minimum by 36 inches (915 mm) minimum. Reinforcing for shower seat is not required in shower compartments larger than 36 inches (915 mm) by 36 inches (915 mm). Clearance 30 inches (760 mm) minimum, measured from the face of the shower compartment, by 48 inches (1220 mm) minimum, measured from the shower head wall shall be provided.	IPC 405.3.1.4 Shower compartments. Where a shower compartment is the only bathing fixture, the shower compartment shall have minimum base dimensions of 36 inches by 36 inches (914 mm by 914 mm). Clear floor space shall be provided that is at least 30 inches (762 mm) measured perpendicular to the opening to the compartment by 48 inches (1219 mm) measured parallel to the compartment from the control side. Fold down or integrally molded-in seats in accessible shower compartments shall be permitted to project into the minimum base dimension. IPC 405.3.4 Wall reinforcement. Exceptions: 2. Wall reinforcement is not required for shower compartment seats where the shower compartment base is larger than 36 inches by 36 inches (914 mm by 914 mm).	2. Stall showers. If a stall shower is the only bathing fixture, the stall shower shall have minimum dimensions of 36 inches by 36 inches (914 mm by 914 mm). A clear floor space of not less than 30 inches (762 mm) measured perpendicular from the face of the shower stall by 48 inches (1219 mm) measured parallel from the shower head wall shall be provided.	1110.9.4.2.3 2. Stall showers. If a stall shower is the only bathing fixture, the stall shower shall have minimum dimensions of 36 inches by 36 inches (914 mm x 914 mm). A clear floor space of not less than 30 inches (762 mm) measured perpendicular from the face of the shower stall by 48 inches (x 1219 mm) measured parallel from the shower head wall shall be provided.