

**45-DAY EXPRESS TERMS
FOR
PROPOSED BUILDING STANDARDS
OF THE
DIVISION OF THE STATE ARCHITECT – ACCESS COMPLIANCE (DSA-AC)
REGARDING PROPOSED CHANGES TO:**

**2007 CALIFORNIA BUILDING CODE (CBC)
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 2**

DSA-AC proposes to:

1. Amend the 2007 edition of the California Building Code.
 2. Adopt new building standards that are not addressed by the model code.
 3. Adopt US DOJ Americans with Disabilities Act (ADA) Certification related accessibility standards.
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Legend for Express Terms:

1. Existing California amendments or code language being modified: All such language appears in *italics*, modified language is underlined or in ~~strikeout~~.
 2. New California amendments: All such language appears *underlined and in italics*.
 3. Repealed text: All such language appears in ~~strikeout~~.
 4. Related Changes: Where adoptions, amendments, or repeals in one section, create code changes in another section, those related code change(s) are indented.
 5. Notation: Authority and Reference citations are provided at the end of each chapter.
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Abbreviations Used:

Chapter (CH or Ch.)

Section (SEC or Sec.)

Americans with Disabilities Act (ADA)

Division of the State Architect-Access Compliance (DSA-AC)

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CH 2 – DEFINITIONS AND ABBREVIATIONS

Adopting Agency	B S C	S F M	HCD			DSA		OSHPD				C S A	D H S	A G R	D W R	C E C	C A	S L	S L C
Adopt Entire Chapter			1	2	1/ AC	AC	S S	1	2	3	4								
Adopt entire Chapter as amended (amended sections listed below)																			
Adopt only those sections that are listed below						X													
Chapter / Section	Codes																		
<u>COMPLY</u>	CA					X													
<u>HOTEL or MOTEL</u>	CA					X													
<u>IF, IF ...THEN</u>	CA					X													
<u>MAY</u>	CA					X													
<u>MOTEL</u>	CA					X													
<u>LIFT, SPECIAL ACCESS</u>	CA					X													
<u>LIFT, PLATFORM (WHEELCHAIR)</u>	CA					X													
<u>SPECIAL ACCESS LIFT</u>	CA					X													
<u>PLATFORM (WHEELCHAIR) LIFT</u>	CA					X													
<u>SERVICE ENTRANCE</u>	CA					X													
<u>TREAD DEPTH</u>	CA					X													
<u>TREAD RUN</u>	CA					X													

1. Proposed code change(s):

CH 2 – DEFINITIONS AND ABBREVIATIONS
SEC 202 -- DEFINITIONS

~~HOTEL or MOTEL [DSA-AC] is any building containing six or more guest rooms intended or designed to be used, or which are used, rented or hired out to be occupied, or which are occupied for sleeping purposes by guests.~~

MOTEL [DSA-AC] See "Hotel (or Motel)."

2. Proposed code change(s):

CH 2 – DEFINITIONS AND ABBREVIATIONS
SEC 202 -- DEFINITIONS

PUBLIC ACCOMMODATION [DSA-AC] includes, but is not limited to, any public use building or facility ~~or other specific public use facilities not listed in Items 1 through 12 if they fall that may be classified~~ into one or more of the following categories:

1. *Places of public lodging.*
2. *Establishments serving food or drink open to public use.*
3. *Places of exhibition or entertainment open to public use.*
4. *Places of public gathering.*
5. *Sales or rental establishments open to public use.*
6. *Service establishments open to public use.*
7. *Stations used for public transportation.*
8. *Places of public display or collection.*
9. *Places of public recreation.*
10. *Places of public education.*

11. *Social service center establishments open to ~~the~~ general public use.*
12. *Places of exercise or recreation open to public use.*

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Examples of public accommodations for purposes of this code shall include, but not be limited to, the following private entities:

1. An inn, hotel, motel or other place of public lodging, except for a lodging house located within a building that contains not more than five rooms for rent or hire and that is actually occupied by the proprietor of such establishment as the residence of such proprietor.
2. A restaurant, bar, or other establishment serving food or drink.
3. A motion picture house, theater, concert hall, stadium or other place of exhibition or entertainment.
4. An auditorium, convention center, lecture hall, or other place of public gathering.
5. A bakery, grocery store, clothing store, hardware store, shopping center, or other sales or ~~retail~~ rental establishment.
6. A laundromat, dry cleaner, bank, barber shop, beauty shop, travel service, shoe repair service, funeral parlor, gas station, office of an accountant or lawyer, pharmacy, insurance office, professional office of a health care provider, hospital or other service establishment.
7. A terminal, depot, or other station used for specified public transportation.
8. A museum, library, gallery, or other place of public display or collection.
9. A park, zoo, amusement park, or other place of recreation.
10. A nursery, elementary, secondary, undergraduate or postgraduate private school, or other place of education.
11. A day care center, senior citizen center, homeless shelter, food bank, adoption agency or other social service center establishment.
12. A gymnasium, health spa, bowling alley, golf course or other place of exercise.
13. A church.
14. An office building.
15. A public curb or sidewalk.

Notation

Authority Cited – Government Code Section 4450.
Reference – Government Code Sections 4450 through 4461, 12955.1(d) and
Health and Safety Code Sections 18949.1, 19952 through 19959.

3. Proposed code change(s):

CH 10 – MEANS OF EGRESS
SEC 1012 – HANDRAILS

[DSA-AC] In addition to the requirements of this section, means of egress, which provide access to, or egress from, buildings or facilities where accessibility is required for applications listed in Section 109.1 regulated by the Division of the State Architect – Access Compliance, shall also comply with Chapter 11A or Chapter 11B, Sections 1133B.4.1 or 1133B.5.5, as applicable.

Notation

Authority Cited – Government Code Section 4450.
Reference – Government Code Sections 4450 through 4461, 12955.1(d) and
Health and Safety Code Sections 18949.1, 19952 through 19959.

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CH 11B – ACCESSIBILITY TO PUBLIC BUILDINGS, PUBLIC ACCOMMODATIONS, COMMERCIAL BUILDINGS AND PUBLICLY FUNDED HOUSING

DIVISION I – NEW BUILDINGS

4. Proposed code change(s):

SEC 1102B -- DEFINITIONS

For additional definitions pertinent to the Division of the State Architect – Access Compliance accessibility requirements, see Chapter 2, Section 202.

For the purpose of this chapter, the following general terminology applies:

COMPLY WITH means to meet one or more specifications of these regulations.

IF, IF...THEN denotes a specification that applies only when the conditions described are present.

MAY denotes an option or alternative.

SHALL denotes a mandatory specification or requirement.

SHOULD denotes an advisory specification or recommendation.

For the purpose of the chapter, certain terms are defined as follows: ...

4.1 Related code change(s):

CH 2 – DEFINITIONS AND ABBREVIATIONS SEC 202 -- DEFINITIONS

SHALL. ~~[DSA-AC] as used in this code means mandatory.~~ See Chapter 11B, Section 1102B.

*SHOULD. ~~[DSA-AC]~~ See “Recommend.”
[DSA-AC] See Chapter 11B, Section 1102B.*

5. Proposed code change(s):

CH 11B SEC 1102B -- DEFINITIONS

CURB RAMP is a sloping pedestrian way, intended for pedestrian traffic, which provides access between a walk or sidewalk ~~to~~ and a surface located above or below an adjacent curb face.

6. Proposed code change(s):

CH 11B SEC 1102B -- DEFINITIONS

LIFT, ~~SPECIAL ACCESS PLATFORM (WHEELCHAIR).~~ See “~~Special access lift~~” “Platform (wheelchair) lift.

SPECIAL ACCESS PLATFORM (WHEELCHAIR) LIFT is a hoisting and lowering mechanism equipped with a car or platform or support that serves two landings of a building or structure and is designed to carry a passenger or passengers and (or) luggage or other material a vertical distance as may be allowed.

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6.1 Related code change(s):

CH 2 -- DEFINITIONS
SEC 202 -- DEFINITIONS

LIFT, SPECIAL ACCESS PLATFORM (WHEELCHAIR). [DSA-AC] See "Special Access Platform (wheelchair) lift" Chapter 11A, Section 1107A.12-L and Chapter 11B, Section 1102B.

SPECIAL ACCESS PLATFORM (WHEELCHAIR) LIFT. [DSA-AC] See Chapter 11A, Section 1107A.19-S, and Chapter 11B, Section 1102B.

6.2 Related code change(s):

CH 10 -- MEANS OF EGRESS
SEC 1007 -- ACCESSIBLE MEANS OF EGRESS

1007.5 Platform lifts. Platform (wheelchair) lifts shall ...
[DSA-AC] See Chapter 11B, Section 1116B.3 for additional accessible means of egress requirements at platform or special access (wheelchair) lifts.

6.3 Related code change(s):

CH 11B
SEC 1114B -- EXIT ACCESS

1114B.1.1 General. When accessibility is required ...

Special Access Platform (Wheelchair) Lifts – [for HCD 1/AC] Section 1124A; [for DSA-AC] Section 1116B.2.

6.4 Related code change(s):

CH 11B
SEC 1116B -- ELEVATORS AND SPECIAL ACCESS PLATFORM (WHEELCHAIR) LIFTS

1116B.2 *Special access Platform (wheelchair) lifts. Special access Platform (wheelchair) lifts may be provided between levels in lieu of passenger elevators when the vertical distance between landings, as well as the structural design and safeguards are as allowed by ASME A18.1 Safety Standard for Platform Lifts and Stairway Chair Lifts; the State of California, Division of the State Architect—Access Compliance; the Department of Industrial Relations, Division of Occupational Safety and Health and any applicable safety regulations of other administrative authorities having jurisdiction. ...*

1116B.3 *When provided as a means of egress. Special access Platform (wheelchair) lifts, when provided as a component in an accessible means of egress, shall conform to the requirements of Section 1116B.3.*

1116B.3.1 *Standby power. To ensure continued operation in case of primary power loss, special access platform (wheelchair) lifts shall be provided with standby power or with self-rechargeable battery power that provides sufficient power to operate all platform lift functions for a minimum of five upward and downward trips.*

1116B.3.2 *Special access Platform (wheelchair) lifts, when provided per Section 1116B.2.2, are permitted to be a component of an accessible means of egress when the area served by the special access platform (wheelchair) lift does not serve more than four wheelchair viewing positions and where any one of the following conditions exist: ...*

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6.5 Related code change(s):

CH 11B
SEC 1120B -- SPACE ALLOWANCE AND REACH RANGES

1120B.1 Floors within each story. In buildings and facilities, floors of a given story shall be a common level throughout, or shall be connected by pedestrian ramps, passenger elevators or ~~special access platform (wheelchair) lifts~~. ...

6.6 Related code change(s):

CH 30 -- ELEVATORS AND CONVEYING SYSTEMS
SEC 3001 – GENERAL

3001.1 Scope. This chapter governs ...

Exception: [DSA-AC] For accessibility requirements for ~~special access platform (wheelchair) lifts~~ and elevators, see California Code of Regulations, Title 8 and Title 24, Part 2, Sections 1124A AND 1116B.

3001.3 Accessibility. Passenger elevators and ~~special access platform (wheelchair) lifts~~ required to be accessible by Chapters 11A or 11B shall conform to Chapter 11A for applications listed in Section 108.2.1.2 regulated by the Department of Housing and Community Development or Chapter 11B for applications listed in Section 109.1 regulated by the Division of the State Architect—Access Compliance.

7. Proposed code change(s):

CH 11B
SEC 1102B -- DEFINITIONS

TEXT TELEPHONE is machinery or equipment that employs interactive ~~graphic (for example, typed) text-based~~ communications through the transmission of coded signals across the standard telephone network. Text telephones can include, for example, devices known as TTYs (~~telecommunication display devices teletypewriters~~) or computers.

8. Proposed code change(s):

CH 11B
SEC 1104B -- ACCESSIBILITY FOR GROUP A OCCUPANCIES

1104B.3 Auditoriums, assembly halls, theaters and related facilities.

1104B.3.3 Variety of locations. Accessible seating or accommodations in places of public amusement and resort, including theaters, concert halls and stadiums, ~~but not including hotels and motels~~, shall be provided in a variety of locations so as to provide persons with disabilities a choice of admission prices otherwise available to members of the general public.

9. Proposed code change(s):

CH 11B
SEC 1104B -- ACCESSIBILITY FOR GROUP A OCCUPANCIES

1104B.3 Auditoriums, assembly halls, theaters and related facilities.

1104B.3.4 Wheelchair spaces.

1. The number of such spaces is as shown in Table 11B-1.

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TABLE 11B-1
WHEELCHAIR SEATING SPACES

SEATING CAPACITY	NO. OF WHEELCHAIR SEATING SPACES
4 to 25	1
26 to 50	2
51 to 300	4
301 to 500	6

In addition, 1 percent, but not less than one, of all fixed seats, shall be aisle seats with no armrests on the aisle side, or removable or folding armrests on the aisle side. Each such seat shall be identified by a sign or marker. Signage notifying patrons of the availability of such seats shall be posted at the ticket office. Signs and markers shall comply with 1117B.5.1 Items 2 and 3, as applicable. ...

10. Proposed code change(s):

CH 11B

SEC 1104B -- ACCESSIBILITY FOR GROUP A OCCUPANCIES

1104B.4 Stadiums, grandstands, bleachers, athletic pavilions, gymnasiums and miscellaneous sports-related facilities.

1104B.4.3 Participation areas. Participation areas shall be accessible to persons with disabilities, including the following listed and similar activity areas: ...

4. Swimming pool deck areas ~~must~~ shall be accessible, and a mechanism to assist persons with disabilities in gaining entry into the pool and in exiting from the pool shall be provided. Such a mechanism may consist of a swimming pool lift device as long as the device meets all of the following criteria:

4.1. Have a seat that meets all of the following:

- 4.1.1. The seat ~~must~~ shall be rigid;
- 4.1.2. The seat ~~must~~ shall be not less than 17 inches (423 mm) and not more than 19 inches (483 mm), inclusive of any cushioned surface that might be provided, above the pool deck;
- 4.1.3. The seat ~~must~~ shall have two armrests. The armrest on the side of the seat by which access is gained shall be either removable or fold clear of the seat;
- 4.1.4. The seat ~~must~~ shall have a back support that is at least 12 inches (305 mm) tall;
- 4.1.5. The seat ~~must~~ shall have an occupant restraint for use by the occupant of the seat, and the restraint ~~must~~ shall meet the standards for operable controls in compliance with Section 1117B.6, Items 1 through 4. ...

11. Proposed code change(s):

CH 11B

SEC 1104B -- ACCESSIBILITY FOR GROUP A OCCUPANCIES

1104B.5 Dining, banquet and bar facilities.

1. General. Dining, banquet, and bar facilities shall be made accessible to persons with disabilities as provided in this section. All areas where each type of functional activity occurs shall be made accessible.

Exceptions:

1. In existing buildings, when the enforcing agency determines that compliance with any regulation under this section would create an unreasonable hardship, an exception shall be granted when equivalent facilitation is provided.

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2. *In existing buildings, these regulations shall not apply when legal or physical constraints would not allow compliance with these regulations or equivalent facilitation without creating an unreasonable hardship. See Section 109.1.5.*
2. Entrance. Access ...
3. ~~Functional activity. Raised or sunken areas. All dining areas, including raised or sunken dining areas, loggias, outdoor seating areas, and all areas where each type of functional activity occurs shall be accessible. Raised or sunken areas, including dining areas, loggias and outdoor seating areas, shall be accessible. A raised platform where a head table or speaker's lectern is located shall be accessible. Open edges of raised or sunken areas shall be protected by placement of tables, by a curb complying with 1133B.5.4.9 or by other means as required by this code. For existing buildings, see Section 1120B, Floors and Levels.~~
4. Seating. Each dining, ...
5. Food service aisles. Food service ...
6. Tableware and condiment areas. Self-service ...
7. Restrooms. Restrooms and ...
8. Food preparation areas. Access to ...

12. Proposed code change(s):

CH 11B
SEC 1106B -- ACCESSIBILITY FOR GROUP E OCCUPANCIES

1106B.4 Library general use areas. ...

5. Reading and study areas. At least 5 percent or a minimum of one of each element of fixed seating, tables, or study carrels shall be on an accessible route complying with Section 1114B.1.2, and shall comply with Section 1118B, "Space Allowance and Reach Ranges", Section 1122B, "Fixed or Built-in Seating, Tables, and Counters" and Section 1133B.6 "Aisles".
6. Check-out areas. At least one lane at each check-out area shall be on an accessible route complying with Section 1114B.1.2, and shall have a portion of the counter which is at least 36 inches (914 mm) in length with a maximum height of 34 inches (864 mm) above the finish floor with a 36 inch (914 mm) wide aisle on the customer side. Any traffic control or book security gates or turnstiles shall comply with Section 1133B.2.3.4.

13. Proposed code change(s):

CH 11B
SEC 1109B -- ACCESSIBILITY FOR GROUP I OCCUPANCIES

1109B.3 Patient bedrooms and toilet rooms. Patient bedrooms and associated toilet facilities shall be made accessible as follows:

1. Long-term-care facilities,
2. General-purpose hospitals, ...
3. Hospitals and rehabilitation facilities ...

Exceptions:

1. In existing buildings, when patient bedrooms are being added or altered as part of a planned renovation of an entire wing, a department, or other discrete area of an existing medical facility, the accessible rooms provided shall comply with Section 1109B.4 and shall be consistent with the percentage of rooms required to be accessible by 1109B.3, until the number of accessible patient bedrooms in the facility equals the overall number that would be required if the facility were newly constructed. (For example, if 20 patient bedrooms are being altered in the obstetrics department of a hospital, 2 of the altered rooms must be made accessible. If, within the same hospital, 20 patient bedrooms are being altered in a unit that specializes in treating mobility impairments, all of the altered rooms must be made accessible.) Where toilet/bathrooms are part of patient bedrooms which are added or altered and required to be accessible, each such patient toilet/bathroom shall comply with 1109B.5.

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2. In existing buildings, when patient bedrooms are being added or altered individually, and not as part of an alteration of the entire area, the altered patient bedrooms shall comply with 1109B.4, unless either: a) the number of accessible rooms provided in the department or area containing the altered patient bedroom equals the number of accessible patient bedrooms that would be required if the percentage requirements of 1109B.3 were applied to that department or area; or b) the number of accessible patient bedrooms in the facility equals the overall number that would be required if the facility were newly constructed. Where toilet/bathrooms are part of patient bedrooms which are added or altered and required to be accessible, each such toilet/bathroom shall comply with 1109B.5.

14. Proposed code change(s):

CH 11B

SEC 1111B -- ACCESSIBILITY FOR GROUP R OCCUPANCIES

1111B.4 Hotels, motels, inns, dormitories, resorts, homeless shelters, halfway houses, transient group homes and similar places of transient lodging. Hotels ...

1111B.4.6 Bathrooms in hotels, motels, inns, dormitories, resorts, homeless shelters, halfway houses, transient group homes and similar places of transient lodging. Required accessible bathrooms for places of transient lodging shall comply with the following provisions:

~~Exception: Hotel and motel bathrooms beyond those specified in Section 1111B.4 need not comply with the provisions of this section or other accessibility provisions of the California Building, Electrical, and Plumbing Codes if they provide the following features:~~

- ~~1. All bathroom fixtures are in a location that allows a person using a wheelchair measuring 30 inches by 48 inches (762 mm by 1219 mm) to touch the wheelchair to any lavatory, urinal, water closet, tub, sauna, shower stall and any other similar sanitary installation, if provided.~~
 - ~~2. All bathroom entrance doors have a clear opening width of 32 inches (813 mm) and shall be either sliding doors or shall be hung to swing in the direction of egress from the bathroom.~~
1. Doors. Doors to accessible bathrooms shall ...
 2. Clear floor space. All fixtures and controls shall ...
 3. Water closets. If a toilet compartment is provided, it shall ...
 4. Lavatory and mirrors. If a lavatory and/or mirror is provided, they shall ...
 5. Controls and dispensers. If controls, dispensers, ...
 6. Bathing and shower facilities. If tubs or showers are provided, then ...
 7. Toilet facilities. Toilet facilities shall ...

Hotel and motel bathrooms beyond those specified in Section 1111B.4 shall provide the following features:

1. All bathroom fixtures shall be in a location that allows a person using a wheelchair measuring 30 inches by 48 inches (762 mm by 1219 mm) to touch the wheelchair to any lavatory, urinal, water closet, tub, sauna, shower stall and any other similar sanitary installation, if provided.
2. All bathroom entrance doors shall have a clear opening width of 32 inches (813 mm) and shall be either sliding doors or shall be hung to swing in the direction of egress from the bathroom.

15. Proposed code change(s):

CH 11B

SEC 1111B -- ACCESSIBILITY FOR GROUP R OCCUPANCIES

1111B.4 Hotels, motels, inns, dormitories, resorts, homeless shelters, halfway houses, transient group homes and similar places of transient lodging. Hotels, ...

1111B.4.7 Storage areas. Fixed or built-in storage facilities located within accessible sleeping rooms or suites required by Table 11B-3 shall be accessible in the number and dimensions provided in Section 1125B.

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~~1111B.4.8~~ ~~1111B.4.7~~ Dormitory rooms. Dormitory rooms beyond those specified herein shall comply with the adaptability requirements of Section 1111B.5.

16. Proposed code change(s):

CH 11B

SEC 1115B – BATHING AND TOILET FACILITIES (SANITARY FACILITIES)

1115B.3 Toilet facilities.

1115B.3.1 Multiple-accommodation toilet facilities. Multiple-accommodation toilet facilities shall have the following:

1. Wheelchair clearance. A clear space ...
2. Clear floor space at fixtures. Doors shall not swing into the clear floor space required for any fixture.

Exception: An in-swinging, side-opening door to an accessible water closet compartment shall comply with Figure 11B-1B.

3. Accessible water closet. Provide a minimum...

17. Proposed code change(s):

CH 11B

SEC 1115B --- BATHING AND TOILET FACILITIES (SANITARY FACILITIES)

1115B.3 Toilet facilities.

1115B.3.1 Multiple-accommodation toilet facilities. Multiple-accommodation toilet facilities shall have the following: ...

3. Accessible ~~fixtures water closet~~. Provide a minimum of one accessible water closet in compliance with Section 1115B.4.1. In new construction, all lavatories shall comply with Section 1115B.4.3. In existing buildings, a minimum of one of each type fixture shall be accessible.

18. Proposed code change(s):

CH 11B

SEC 1115B – BATHING AND TOILET FACILITIES (SANITARY FACILITIES)

1115B.3 Toilet facilities.

1115B.3.1 Multiple-accommodation toilet facilities. Multiple-accommodation toilet facilities shall have the following: ...

4. Accessible water closet compartment. Accessible water closet ...

4.5 ~~The inside and outside of the compartment door shall be equipped with a loop or U-shaped handle immediately below the latch. The latch shall be flip-over style, sliding or other hardware not requiring the user to grasp or twist. Except for door-opening widths and door swings, a clear, unobstructed access of not less than 44 inches (1118 mm) shall be provided to water closet compartments designed for use by persons with disabilities. Maneuvering space at the compartment door shall comply with Sections 1133B.2.4.2 and 1133B.2.4.3, except that and in no case shall the space immediately in front of a outside of the water closet compartment door shall not be less than 48 inches (1219 mm) as measured at right angles perpendicular to the compartment door in its closed position.~~

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19. Proposed code change(s):

CH 11B

SEC 1115B – BATHING AND TOILET FACILITIES (SANITARY FACILITIES)

1115B.4 Accessible fixture.

1115B.4.4 Accessible showers. Showers required to be accessible shall ...

1115B.4.4.4 Water controls. Water controls shall be of a single-lever design, operable with one hand, and shall not require tight grasping, pinching or twisting of the wrist. The force required to activate controls shall be no greater than 5 lbf (22.2N). The centerline of the controls shall be located ~~at 40 inches (1016 mm)~~ 39 inches (991 mm) to 41 inches (1041 mm) above the shower floor.

20. Proposed code change(s):

CH 11B

SEC 1115B – BATHING AND TOILET FACILITIES (SANITARY FACILITIES)

1115B.6 Identification symbols. ~~Doorways leading to men's sanitary facilities shall be identified by an equilateral triangle, ¼ inch (6.4 mm) thick with edges 12 inches (305 mm) long and a vertex pointing upward. Women's sanitary facilities shall be identified by a circle, ¼ inch (6.4 mm) thick and 12 inches (305 mm) in diameter. Unisex sanitary facilities shall be identified by a circle, ¼ inch (6.4 mm) thick, 12 inches (305 mm) in diameter with a ¼-inch (6.4 mm) thick triangle superimposed on the circle and within the 12-inch (305 mm) diameter. These geometric symbols shall be centered on the door at a height of 60 inches (1524 mm) and their color and contrast shall be distinctly different from the color and contrast of the door. See also Section 1117B.5.1 Item 1 for additional signage requirements applicable to sanitary facilities. Doorways leading to sanitary facilities shall be identified by a geometric symbol in compliance with this section. Geometric symbols shall be centered horizontally on the door at a height of 60 inches (1524 mm) to the center of the symbol. See Section 1117B.5.1, Item 1 for additional signage requirements applicable to sanitary facilities.~~

1115B.6.1 Men's sanitary facilities shall be identified by an equilateral triangle, ¼ inch (6.4 mm) thick with edges 12 inches (305 mm) long and a vertex pointing upward. The triangle symbol shall contrast with the door, either light on a dark background or dark on a light background.

1115B.6.2 Women's sanitary facilities shall be identified by a circle, ¼ inch (6.4 mm) thick and 12 inches (305 mm) in diameter. The circle symbol shall contrast with the door, either light on a dark background or dark on a light background.

1115B.6.3 Unisex sanitary facilities shall be identified by a circle, ¼ inch (6.4 mm) thick and 12 inches (305 mm) in diameter with a ¼ inch (6.4 mm) thick triangle superimposed on the circle and within the 12-inch (305 mm) diameter. The triangle symbol shall contrast with the circle symbol, either light on a dark background or dark on a light background. The circle symbol shall contrast with the door, either light on a dark background or dark on a light background.

21. Proposed code change(s):

CH 11B

SEC 1115B – BATHING AND TOILET FACILITIES (SANITARY FACILITIES)

1115B.8 Accessories.

1115B.8.1 Mirrors. ~~Mirrors~~ All mirrors shall be mounted with the bottom edge of the reflecting surface no higher than 40 inches (1016 mm) from the floor.

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22. Proposed code change(s):

CH 11B
SEC 1116B – ELEVATORS AND SPECIAL ACCESS (WHEELCHAIR) LIFTS

1116B.1 Elevators. Passenger elevators shall ...

1116B.1.8 Car inside. The car inside shall allow for the turning of a wheelchair. The minimum clear distance between walls or between wall and door, excluding return panels, shall not be less than 80 inches by 54 inches (2032 mm by 1372 mm) for center-opening doors, and 68 inches by 54 inches (1727 mm by 1372 mm) for side-slide openings doors. See Figure 11B-40A. Minimum distance from wall to return panel shall not be less than 51 inches (1295 mm). Elevator floor surfaces shall comply with Section 1124B-Ground and Floor Surfaces.

23. Proposed code change(s):

CH 11B
SEC 1117B -- OTHER BUILDING COMPONENTS

1117B.1 ~~Water fountains (drinking). See Section 1115B.4.6.~~ <Language relocated from Section 1115B> 1115B.4.6 Accessible drinking fountains. Where drinking fountains are provided, they shall comply with this section:

1. General. Where only one drinking fountain area is provided on a floor, there shall be a drinking fountain that is accessible to individuals who use wheelchairs in accordance with this section and one accessible to those who have difficulty bending or stooping. This can be accommodated by the use of "hi-low" fountains, or by such other means as would achieve the required accessibility for each group on each floor.

Where more than one drinking fountain is provided on a floor, 50 percent of those provided shall comply with Items 1, 2, 4 and 5 of this section and shall be on an accessible route complying with Section 1114B.1.2. All drinking fountains shall comply with Item 3 of this section.

2. Clearances. Wall- and post-mounted cantilevered drinking fountains shall be a minimum of 18 inches (457 mm) and a maximum of 19 inches (483 mm) in depth and shall have a clear knee space between the bottom of the apron and the floor or ground not less than 27 inches (686 mm) in height, 30 inches (762 mm) in width, and 8 inches (203 mm) in depth, the depth measurements being taken from the front edge of the fountain back toward the wall or mounting post. The knee clearance space must be free of equipment or obstructions. Additionally, there shall be toe clearance of 9 inches (229 mm) in height above the floor and 17 inches (432 mm) in depth from the front edge of the fountain. The toe clearance space must be free of equipment or obstructions. A clear floor space at least 30 inches (762 mm) by 48 inches (1219 mm) complying with Section 1118B.4 shall be provided in front of the drinking fountain to allow forward approach. A side approach drinking fountain is not acceptable.
3. Alcoves. All drinking fountains shall be located completely within alcoves or otherwise positioned so as not to encroach into pedestrian ways. The alcove in which the drinking fountain is located shall not be less than 32 inches (813 mm) in width and 18 inches (457 mm) in depth. See Figure 11B-3 of this code. Additionally, alcoves shall comply with Section 1118B.4 Item 2. Protruding objects located in alcoves or otherwise positioned so as to limit encroachment into pedestrian ways are permitted to project 4 inches (102 mm) into walks, halls, corridors, passageways or aisles.

Exception: When the enforcing agency determines that it would create an unreasonable hardship to locate the drinking fountain in an alcove, the drinking fountain may project into the path of travel, and the path of travel shall be identifiable to the blind as follows. Wing walls shall be provided on each side of the drinking fountain. The wing walls shall project out from the supporting wall at least as far as the drinking fountain to within 6 inches (152 mm) of the surface of the path of travel. There shall also be a minimum of 32 inches (813 mm) clear between the wing walls. Additionally, maneuvering clearances shall comply with Section 1118B.4 Item 2. The drinking fountain and wing walls shall comply with Section 1133B.8.6.

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4. *The bubbler shall be activated by a manually operated system complying with Section 1117B.6 Item 4 that is front mounted or side mounted and located within 6 inches (152 mm) of the front edge of the fountain or an electronically controlled device (preferably). The bubbler outlet orifice shall be located within 6 inches (152 mm) of the front edge of the drinking fountain and within 36 inches (914 mm) of the floor. The water stream from the bubbler shall be substantially parallel to the front edge of the drinking fountain.*

5. *The spout shall provide a flow of water at least 4 inches (102 mm) high so as to allow the insertion of a cup or glass under the flow of water. On an accessible drinking fountain with a round or oval bowl, the spout must be positioned so the flow of water is within 3 inches (75 mm) of the front edge of the fountain.*

24. Proposed code change(s):

CH 11B
SEC 1117B -- OTHER BUILDING COMPONENTS

1117B.2 Telephones

1117B.2.1 *General. If public pay telephones, public closed-circuit telephones, or other public telephones are provided, they shall comply with this section to the extent required by the following table. See Figure 11B-4.*

<i>Number of each type of telephone provided on each floor</i>	<i>Minimum number of telephones required to comply with Section 1117B.2¹</i>
<i>1 or more single units</i>	<i>1 or at At least 50 percent of telephone unit(s) units per floor but not less than one.</i>
<i>1 telephone bank</i>	<i>1 or at At least 50 percent of telephone unit(s) units per bank but not less than one.</i>
<i>2 or more banks</i>	<i>1 or at At least 50 percent of telephone unit(s) units per bank but not less than one. At least 1 telephone per floor shall meet the requirements for a forward reach telephone</i>

¹Additional public telephones may be installed at any height.

25. Proposed code change(s):

CH 11B
SEC 1117B -- OTHER BUILDING COMPONENTS

1117B.2 Telephones.

1117B.2.8 *Telephone equipment for hearing impaired persons. Telephones shall be equipped with a receiver that generates a magnetic field in the area of the receiver cap. All telephones required to be accessible shall be equipped with a volume control. In addition, 25 percent, but never less than one, of all other public telephones provided shall be equipped with a volume control and shall be dispersed among all types of public telephones, including closed circuit telephones, throughout the building or facility. If banks of public telephones are provided, at least one in each bank and a total of at least 25 percent of the total number of public telephones, including closed-circuit telephones in a building or facility, shall be equipped with a volume control. Such telephones shall be capable of a minimum of 12 dBA and a maximum of 18 dBA above normal. If an automatic reset is provided, 18 dBA may be exceeded. Public telephones with volume control shall be hearing aid compatible and shall be identified by a sign containing a depiction of a telephone handset with radiating sound waves.*

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26. Proposed code change(s):

CH 11B

SEC 1117B -- OTHER BUILDING COMPONENTS

1117B.2 Telephones.

1117B.2.9 Text telephones. ...

1117B.2.9.2 General. Text telephones shall comply with the following requirements: ...

3. Equivalent facilitation may be substituted for the requirements of this section. For example, a portable text telephone may be made available in a hotel at a registration desk if it is available on a 24-hour basis for use with nearby public pay phones. In this instance, at least one pay phone shall comply with Item 2 above. In addition, if an acoustic coupler is used, the telephone handset cord shall be sufficiently long to allow connection of the text telephone and the telephone receiver. Directional signage shall comply with Section ~~4417B.5~~ 1117B.5.1 Items 2 and 3.

27. Proposed code change(s):

CH 11B

SEC 1117B -- OTHER BUILDING COMPONENTS

1117B.5 Signs and identification. California's standards for signage are more stringent ~~and are significantly larger and wider than Federal law, Americans with Disabilities Act (ADA)~~ than Section 4.30 of the ADA Standards for Accessible Design.

28. Proposed code change(s):

CH 11B

SEC 1117B -- OTHER BUILDING COMPONENTS

1117B.5 Signs and identification.

1117B.5.6 Braille. ~~Contracted~~ Grade 2 (contracted) Braille shall be used wherever Braille is required in other portions of these standards. Dots shall be 1/10 inch (2.54 mm) on centers in each cell with 2/10-inch (5.08 mm) space between cells, measured from the second column of dots in the first cell to the first column of dots in the second cell. Dots shall be raised a minimum of 1/40 inch (0.635 mm) above the background. Braille dots shall be domed or rounded.

29. Proposed code change(s):

CH 11B

SEC 1117B -- OTHER BUILDING COMPONENTS

1117B.5 Signs and identification.

1117B.5.8 Symbols of accessibility.

1117B.5.8.1 International symbol of accessibility.

1117B.5.8.1.2 Entrance signs. All building and facility entrances that are accessible to and usable by persons with disabilities shall be identified with a minimum of one International Symbol of Accessibility and with additional directional signs, utilizing the symbol, at junctions where the accessible route of travel diverges from the regular circulation path, to be visible to persons along approaching circulation paths. In existing buildings and facilities, entrances ~~Entrances~~ which are not accessible shall have directional signage complying with Section 1117B.5.1, Items 2 and 3, which indicates the location of and route to the nearest accessible entrance.

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30. Proposed code change(s):

CH 11B
SEC 1117B -- OTHER BUILDING COMPONENTS

1117B.6 Controls and operating mechanisms.

5. Installation heights of electrical switches and receptacle outlets.

5.1. ~~Electrical switches. The center of the grip of the operating handle of controls~~ Controls or switches intended to be used by the occupant of the room or area to control lighting and receptacle outlets, appliances or cooling, heating and ventilating equipment shall be located no more than 48 inches (1219 mm) measured from the top of the outlet box nor less than 15 inches (381 mm) measured from the bottom of the outlet box to the level of above the finished floor or working platform.

31. Proposed code change(s):

CH 11B
SEC 1117B -- OTHER BUILDING COMPONENTS

1117B.6 Controls and operating mechanisms.

5. Installation heights of electrical switches and receptacle outlets. ...

5.2. ~~Electrical receptacle outlets. The center of electrical~~ Electrical receptacle outlets on branch circuits of 30 amperes or less and communication system receptacles shall be installed located not no more than 48 inches (1219 mm) measured from the top of the receptacle outlet box or receptacle housing nor less than 15 inches (381 mm) measured from the bottom of the receptacle outlet box or receptacle housing to above the level of the finished floor or working platform.

Exceptions:

1. Receptacle outlets installed as part of permanently installed baseboard heaters are exempt.
2. Required receptacle outlets shall be permitted in floors when adjacent to sliding panels or walls.
3. Baseboard electrical outlets used in relocatable partitions, window walls or other electrical convenience floor outlets are not subject to the minimum height requirements.
4. This section shall not apply to existing buildings when the enforcing agency determines that compliance with these standards would create an unreasonable hardship.

31.1 Related code change(s):

CH 11B
SEC 1117B -- OTHER BUILDING COMPONENTS

1117B.6 Controls and operating mechanisms.

1. **General.** Controls and operating mechanisms in accessible spaces, along accessible routes, or as parts of accessible elements (for example, light switches and dispenser controls) and those required to be accessible by Section 109.1 shall comply with the requirements of this section.
2. **Clear floor space.** Clear floor space complying with Section 1118B.4 that allows a forward or parallel approach by a person using a wheelchair shall be provided at controls, dispensers, receptacles and other operable equipment.
3. **Height.** The highest operable part of all controls, dispensers, receptacles and other operable equipment shall be placed within at least one of the reach ranges specified in Sections 1118B.5 and 1118B.6. ~~Electrical and communication systems receptacles on walls shall be mounted no less than 15 inches (381 mm) above the floor.~~

Exception: These requirements do not apply where the use of special equipment dictates otherwise or where electrical and communication systems receptacles are not normally intended for use by building occupants.

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32. Proposed code change(s):

CH 11B
SEC 1117B -- OTHER BUILDING COMPONENTS

1117B.9 <Language relocated from 1115B> ~~4115B.4.7~~ Accessible sinks. Sinks required to be accessible shall comply with this subsection.

1. ~~Accessible kitchen sinks.~~ A clear floor space at least 30 inches by 48 inches (762 mm by 1219 mm) complying with Section 1118B.4 shall be provided in front of a sink to allow forward approach. The clear floor space shall be on an accessible route and shall extend a maximum of 19 inches (485 mm) underneath the sink (see Figure 11B-1D).
2. Each accessible sink shall be a maximum of 6 ½ inches (165 mm) deep. Sinks shall be mounted with the counter or rim no higher than 34 inches (865 mm) above the finish floor. Knee clearance that is at least 27 inches (685 mm) high, 30 inches (762 mm) wide, and 19 inches (485 mm) deep shall be provided underneath sinks. Hot water and drain pipes exposed under sinks shall be insulated or otherwise configured so as to protect against contact. There shall be no sharp or abrasive surfaces under sinks.
3. Faucet controls and operating mechanisms shall be operable with one hand and shall not require tight grasping, pinching or twisting of the wrist. The force required to activate controls shall be not greater than 5 lbf (22.2 N). Lever-operated, push-type and electronically controlled mechanisms are examples of acceptable designs. Self-closing valves are allowed if the faucet remains open for at least 10 seconds.
2. ~~Noncommercial kitchen and counter bar sinks.~~ A clear floor space at least 30 inches by 48 inches (762 mm by 1219 mm) complying with Section 1118B.4 shall be provided in front of a sink to allow forward approach. The clear floor space shall be on an accessible route and shall extend a maximum of 19 inches (485 mm) underneath the sink (see Figure 11B-1D).

~~Each accessible sink shall be a maximum of 6 1/2 inches (165 mm) deep. Sinks shall be mounted with the counter or rim no higher than 34 inches (865 mm) above the finish floor. Knee clearance that is at least 27 inches (685 mm) high, 30 inches (762 mm) wide, and 19 inches (485 mm) deep shall be provided underneath sinks. Hot water and drain pipes exposed under sinks shall be insulated or otherwise configured so as to protect against contact. There shall be no sharp or abrasive surfaces under sinks.~~

~~Kitchen and counter bar sinks located in common use areas shall have faucet controls and operating mechanisms operable with one hand in accordance with this chapter and shall not require grasping, pinching or twisting of the wrist. The force required to activate controls shall be no greater than 5 lbf (22.2 N). Lever-operated, push-type and electronically controlled mechanisms are examples of acceptable designs.~~

33. Proposed code change(s):

CH 11B
SEC 1118B -- SPACE ALLOWANCE AND REACH RANGES

1118B.1 Wheelchair passage width. The minimum clear width for single wheelchair passage shall be 32 inches (813 mm) at a point and 36 inches (914 mm) continuously. See Figure 11B-10. In addition, wheelchair passage widths shall comply with Figure 11B-5E(a) and (b) for circulation around obstructions.

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33.1 Related code change(s):

CH 11B
SEC 1133B -- GENERAL ACCESSIBILITY FOR ENTRANCES, EXITS
AND PATHS OF TRAVEL

1133B.6 Aisles

1133B.6.1 General. Every portion of every building ...

1133B.6.2 Width. Every aisle shall not be less than 36 inches (914 mm) wide if serving only one side, and not less than 44 inches (1118 mm) wide if serving both sides. In addition, aisles shall comply with Figure 11B-5E(a) and (b) for circulation around obstructions.

34. Proposed code change(s):

CH 11B
SEC 1118B -- SPACE ALLOWANCE AND REACH RANGES

1118B.4 Clear floor or ground space for wheelchairs.

1. Size and approach. The minimum ...
2. Relationship of maneuvering clearances to wheelchair spaces. One full ...
3. Surfaces for wheelchair spaces. Clear floor or ground spaces for wheelchairs shall comply with Section 1124B Ground and Floor Surfaces.

DIVISION II – SITE ACCESSIBILITY

35. Proposed code change(s):

CH 11B
SEC 1129B -- ACCESSIBLE PARKING REQUIRED

1129B.3 Parking space size. Accessible parking spaces shall be located as near as practical to a primary entrance and shall be sized as follows: ...

3. Arrangement of parking space. In each parking area, a bumper or curb shall be provided and located to prevent encroachment of cars over the required width of walkways. Also, the space shall be so located that persons with disabilities are not compelled to wheel or walk behind parked cars other than their own. Pedestrian ways which are accessible to persons with disabilities shall be provided from each such parking space to related facilities, including curb cuts or ramps as needed. Ramps shall not encroach into any accessible parking space or the adjacent access aisle. ~~The maximum cross slope in any direction of an accessible parking space and adjacent access aisle shall not exceed 2 percent.~~
4. Slope of parking space and access aisle. Surface slopes of accessible parking spaces and access aisles shall be the minimum possible and shall not exceed one unit vertical to 50 units horizontal (2-percent slope) in any direction.

36. Proposed code change(s):

CH 11B
SEC 1129B -- ACCESSIBLE PARKING REQUIRED

1129B.4 Identification of parking spaces for off-street parking facilities. Each parking space reserved for persons with disabilities shall be identified by a reflectorized sign permanently posted immediately adjacent to and visible from each stall or space, consisting of the International Symbol of Accessibility in white on dark blue background.

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The sign shall not be smaller than 70 square inches (4516 mm²) in area and, when in a path of travel, shall be posted at a minimum height of 80 inches (2032 mm) from the bottom of the sign to the parking space finished grade. Signs may also be centered on the wall at the interior end of the parking space. Spaces Van accessible spaces complying with Section 1129B.3, Item 2 shall have an additional sign or additional language stating "Van-Accessible" ~~mounted~~ below the symbol of accessibility. Signs identifying accessible parking spaces shall be located so they cannot be obscured by a vehicle parked in the space. ...

37. Proposed code change(s):

CH 11B

SEC 1129B -- ACCESSIBLE PARKING REQUIRED

1129B.4 Identification of parking spaces for off-street parking facilities. Each parking space reserved for persons with disabilities shall be identified by a reflectorized sign permanently posted immediately adjacent to and visible from each stall or space, consisting of ...

The sign shall not ...

Spaces complying with ...

An additional sign shall also be posted in a conspicuous place at each entrance to off-street parking facilities, or immediately adjacent to and visible from each accessible stall or space. The sign shall not be less than 17 inches by 22 inches (432 mm by 559 mm) in size with 1 inch (25 mm) high minimum lettering ~~not less than 1 inch (25 mm) in height~~, which clearly and conspicuously states the following:

"Unauthorized vehicles parked in designated accessible spaces not displaying distinguishing placards or license plates issued for persons with disabilities may be towed away at owner's expense. Towed vehicles may be reclaimed at _____ or by telephoning _____."

DIVISION III – SITE ACCESSIBILITY FOR ENTRANCES, EXITS AND PATHS OF TRAVEL

38. Proposed code change(s):

CH 11B

SEC 1133B -- GENERAL ACCESSIBILITY FOR ENTRANCES, EXITS AND PATHS OF TRAVEL

1133B.1 Building accessibility.

1133B.1.1 Entrances.

1133B.1.1.1 Entrances and exterior ground floor exit doors. ...

1133B.1.1.1.5 Service entrances. In existing buildings and facilities, a service entrance shall not be the sole accessible entrance unless it is the only entrance to a building or facility (for example, in a factory or garage).

38.1 Related code change(s):

CH 2 – DEFINITIONS AND ABBREVIATIONS

SEC 202 -- DEFINITIONS

SERVICE ENTRANCE [DSA-AC] is an entrance intended primarily for delivery of goods or services.

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39. Proposed code change(s):

CH 11B

SEC 1133B -- GENERAL ACCESSIBILITY FOR ENTRANCES, EXITS AND PATHS OF TRAVEL
1133B.2 Doors.

~~1133B.2.5 Closer— effort to operate doors. Maximum effort to operate doors shall not exceed 5 lbf (22 N) for exterior and interior doors, such pull or push effort being applied at right angles to hinged doors and at the center plane of sliding or folding doors. Compensating devices or automatic door operators may be utilized to meet the above standards. When fire doors are required, the maximum effort to operate the door may be increased to the minimum allowable by the appropriate administrative authority, not to exceed 15 lbf (66.72 N).~~

1133B.2.5 Door Opening Force. The maximum force required to push or pull open a door shall comply with this section. Push or pull force for a hinged door shall be measured perpendicular to the door face at the door opening hardware or 30 inches (762 mm) from the hinged side, whichever is farther from the hinge. Push or pull force for a sliding or folding door shall be measured parallel to the door at the door pull or latch. Compensating devices or automatic door operators complying with Section 1133B.2.3.2 may be used to meet the maximum force limits.

1. Required fire doors shall have the minimum opening force allowable by the appropriate administrative authority, not to exceed 15 lbf (66.7 N).
2. Other than required fire doors, interior doors shall have a maximum opening force of 5 lbf (22.2 N).
3. Other than required fire doors, exterior doors shall have a maximum opening force of 5 lbf (22.2 N).

Exceptions:

1. Exterior doors to machinery spaces including, but not limited to, elevator pits or elevator penthouses; mechanical, electrical or communications equipment rooms; piping or equipment catwalks; electric substations and transformer vaults; and highway and tunnel utility facilities.
2. When, at a single location, one of every 8 exterior door leaves, or fraction of 8, is a powered door, other exterior doors at the same location, serving the same interior space, may have a maximum opening force of 8.5 lbf (37.8 N). The powered leaf(s) shall be located closest to the accessible route.
 - a. Powered doors shall comply with Section 1133B.2.3.2. Powered doors shall be fully automatic doors complying with BHMA A156.10 or low energy operated doors complying with BHMA A156.19.
 - b. Powered doors serving a building or facility with an occupancy of 150 or more shall be provided with a back-up battery or back-up generator. The back-up power source shall be able to cycle the door a minimum of 100 cycles.
 - c. Powered doors shall be controlled on both the interior and exterior sides of the doors by sensing devices, push plates, vertical actuation bars or other similar operating devices complying with Section 1117B.6.

At each location where push plates are provided there shall be two push plates; the centerline of one push plate shall be 7 inches (178 mm) minimum and 8 inches (203 mm) maximum above the floor or ground surface and the centerline of the second push plate shall be 30 inches (762 mm) minimum and 44 inches (1219 mm) maximum above the floor or ground surface. Each push plate shall be a minimum of 4 inches (102 mm) diameter or a minimum of 4 inches by 4 inches (102 mm by 102 mm) square and shall display the International Symbol of Accessibility complying with Section 1117B.5.8.1.

At each location where vertical actuation bars are provided the operable portion shall be located so the bottom is 5 inches (127 mm) maximum above the floor or ground surface and the top is 35 inches (889 mm) minimum above the floor or ground surface. The operable portion of each vertical actuation bar shall be a minimum of 2 inches (51 mm) wide and shall display the International Symbol of Accessibility complying with Section 1117B.5.8.1.

A level and clear floor or ground space for forward or parallel approach complying with Sections 1118B.4 and 1124B.1 shall be provided, centered on the operating device. Doors shall not swing into the required clear floor or ground space.

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- d. Signage identifying the accessible entrance required by Section 1127B.3 shall be placed on, or immediately adjacent to, each powered door. Signage shall be provided in compliance with BHMA A156.10 or BHMA 156.19, as applicable.
- e. In addition to the requirements of Item d, where a powered door is provided in buildings or facilities containing assembly occupancies of 300 or more, a sign displaying the International Symbol of Accessibility measuring 6 inches by 6 inches (152 mm by 152 mm), complying with Section 1117B.5.8.1, shall be provided above the door on both the interior and exterior sides of each powered door.

40. Proposed code change(s):

CH 11B

SEC 1133B -- GENERAL ACCESSIBILITY FOR ENTRANCES, EXITS AND PATHS OF TRAVEL

1133B.3 Corridors, hallways and exterior exit balconies.

1133B.3.2 Corridors and hallways over 200 feet (60 960 mm). Corridors and hallways that are located on an accessible route and exceed 200 feet (60 960 mm) in length shall have a minimum clear width of 60 inches (1524 mm). If an accessible route has less than 60 inches (1524 mm) clear width, then passing spaces at least 60 inches by 60 inches (1524 mm by 1524 mm) shall be located at reasonable intervals ~~not to exceed~~ of 200 feet (60 960 mm) maximum. A "T" intersection of two corridors or walks is an acceptable passing place. ...

41. Proposed code change(s):

CH 11B

SEC 1133B -- GENERAL ACCESSIBILITY FOR ENTRANCES, EXITS AND PATHS OF TRAVEL

1133B.4 Stairways.

1133B.4.1 Handrails.

1133B.4.1.1 Required handrails. Stairways shall have handrails on each side, and every stairway required to be more than ~~88 inches (2235 mm)~~ 60 inches (1524 mm) in width shall be provided with not less than one intermediate handrail for each ~~88 inches (2235 mm)~~ of required width. in compliance with Section 1012.8. Intermediate handrails shall be spaced approximately equally across with the entire width of the stairway. Handrails shall be continuous along both sides of a stairway.

42. Proposed code change(s):

CH 11B

SEC 1133B -- GENERAL ACCESSIBILITY FOR ENTRANCES, EXITS AND PATHS OF TRAVEL

1133B.4 Stairways.

1133B.4.4 Striping for the visually impaired. The upper approach and the lower tread of each ~~stair~~ interior stairway shall be marked by a ~~strip of clearly contrasting color~~ stripe providing clear visual contrast at least a minimum of 2 inches (51 mm) wide to a maximum of 4 inches (101.6 mm) wide placed parallel to and not more than 1 inch (25.4 mm) from the nose of the step or landing to alert the visually impaired. The stripe shall extend to within 3 inches (76.2 mm) of the termination at each end of the tread and at the upper approach. The ~~strip~~ stripe shall be of material that is at least as slip resistant as the other treads of the stair.

Where stairways occur outside a building, the upper approach and all treads shall be marked by a ~~strip of clearly contrasting color~~ stripe providing clear visual contrast at least a minimum of 2 inches (51 mm) wide to a maximum of 4 inches (101.6 mm) wide and placed parallel to and not more than 1 inch (25.4 mm) from the nose of the step or landing to alert the visually impaired. The stripe shall extend to within 3 inches (76.2 mm) of the termination at each end of the treads and at the upper approach. The ~~strip~~ stripe shall be of a material that is at least as slip resistant as the other treads of the stair. A painted ~~strip~~ stripe shall be acceptable.

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43. Proposed code change(s):

CH 11B

SEC 1133B -- GENERAL ACCESSIBILITY FOR ENTRANCES, EXITS AND PATHS OF TRAVEL
1133B.4 Stairways.

1133B.4.5 Treads, nosing and risers. Stair treads, risers and nosing. Stair treads shall be no less than 11 inches (279 mm) deep, measured from riser to riser. On any given flight of stairs, all steps shall have uniform riser height and uniform tread widths.

1133B.4.5.1 Treads. All tread surfaces shall be slip resistant. Weather-exposed stairs and their approaches shall be designed so that water will not accumulate on the walking surfaces. Treads shall have smooth, rounded or chamfered exposed edges, ~~and no abrupt edges at the nosing (lower front edge).~~ The radius of curvature at the leading edge of the tread shall be no greater than ½ inch (12.7 mm).

1133B.4.5.2 Risers. Risers shall be solid and shall be vertical or sloped from the underside of the leading edge of the tread above at an angle not more than 30 degrees (0.52 rad) from the vertical. Open risers are not permitted.

~~1133B.4.5.2~~ 1133B.4.5.3 Nosing. Nosing shall not project more than 1-1/2 1-1/4 inches (38 mm) (31.8) past the face of the riser below. The transition from the nosing to the riser shall be free of abrupt edges. All projections shall be of uniform size, including nosings at landings.

Exceptions:

1. In existing buildings there is no requirement to retroactively alter existing nosing projections of 1-½ inches (38.1 mm) which were constructed in compliance with the building code in effect at the time of original construction.

~~1133B.4.5.3 Open risers are not permitted. On any given flight of stairs, all steps shall have uniform riser height and uniform tread widths consistent with Section 1133B.4. Stair treads shall be no less than 11 inches (279 mm) deep, measured from riser to riser. See Figure 11B-35. Risers shall be sloped or the underside of the nosing shall have an angle not less than 60 degrees from the horizontal.~~

Exceptions:

- ~~2. 4. In existing buildings, when the enforcing agency determines that compliance ...~~
- ~~3. 2. These regulations shall not apply to existing buildings when legal or physical ...~~

43.1 Related code change(s):

CH 2 – DEFINITIONS AND ABBREVIATIONS
SEC 202 -- DEFINITIONS

TREAD DEPTH. [DSA-AC] See Chapter 11A, Section 1107A.20-T, ~~and Chapter 11B, Section 1102B.~~

TREAD RUN. [DSA-AC] See Chapter 11A, Section 1107A.20-T, ~~and Chapter 11B, Section 1102B.~~

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43.2 Related code change(s):

CH 11B
SEC 1102B -- DEFINITIONS

NOSE, NOSING is that portion of a stair tread or landing at the top of a stairway flight projecting beyond the face of the riser immediately below.

OPEN RISER is the air space between ~~tread projecting beyond the face of the riser immediately below~~ two adjacent stair treads not closed by a riser.

RISER is the ~~vertical distance from the top of the tread to the top of the next higher tread~~ vertical distance from the top of the tread to the top of the next higher tread upright member between two adjacent stair treads.

TREAD DEPTH is the horizontal distance from the front to back of tread, including nosing when used.

TREAD RUN is the horizontal distance from the leading edge of a tread to the leading edge of an adjacent tread.

44. Proposed code change(s):

CH 11B
SEC 1133B -- GENERAL ACCESSIBILITY FOR ENTRANCES, EXITS AND PATHS OF TRAVEL

1133B.5 Ramps.

1133B.5.1 General. ~~Ramps used as exits~~ shall conform to the provisions of this section. Any accessible route of travel shall be considered a ramp if its slope is greater than 1 foot (305 mm) rise in 20 feet (6096 mm) of horizontal run (5-percent gradient).

1133B.5.2 Width. ~~Pedestrian ramps~~ Ramps shall have a minimum clear width of 48 inches (1219 mm), unless required to be wider by some other provision of this code. ~~Pedestrian ramps~~ Ramps serving entrances to buildings where the ramp is the only exit discharge path and serves an occupant load of 300 or more shall have a minimum clear width of 60 inches (1524 mm). Ramps serving Group R Occupancies may be 36 inches (914 mm) clear width when the occupant load is 50 or less.

1133B.5.3 Slope. The least possible slope shall be used for any ramp. The maximum slope of a ramp ~~that serves any exit way, provides access for persons with physical disabilities or is in the accessible route of travel~~ shall be 1-foot (305 mm) rise in 12 feet (3658 mm) of horizontal run (8.3-percent gradient). The maximum rise for any run shall be 30 inches (762 mm). Examples of ramp dimensions are as follows: ...

44.1 Related code change(s):

CH 11B
SEC 1102B -- DEFINITIONS

CURB RAMP is a sloping pedestrian way, intended for pedestrian traffic, which provides access between a walk or sidewalk to a surface located above or below an adjacent curb face, as differentiated from a ramp.

~~PEDESTRIAN RAMP~~ is a walking surface which has a running slope greater than 1:20 intended for pedestrian traffic and as differentiated from a curb ramp.

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45. Proposed code change(s):

CH 11B

SEC 1133B -- GENERAL ACCESSIBILITY FOR ENTRANCES, EXITS AND PATHS OF TRAVEL

1133B.5 Ramps.

1133B.5.3 Slope. The least possible slope shall be used for any ramp. The maximum ...
Examples of ramp dimensions are as follows:

SLOPE	MAXIMUM RISE		MAXIMUM HORIZONTAL PROJECTION	
	inches	mm	feet	m
1:12 to < 1:16	30	760	30	9
1:16 to < 1:20	30	760	40	12

<u>Slope</u>	<u>Maximum Rise</u>	<u>Maximum Length</u>
<u>1:12</u>	<u>30 inches (762 mm)</u>	<u>30 feet (9144 mm)</u>
<u>1:13</u>	<u>30 inches (762 mm)</u>	<u>32.5 feet (9906 mm)</u>
<u>1:14</u>	<u>30 inches (762 mm)</u>	<u>35 feet (10668 mm)</u>
<u>1:15</u>	<u>30 inches (762 mm)</u>	<u>37.5 feet (11430 mm)</u>
<u>1:16</u>	<u>30 inches (762 mm)</u>	<u>40 feet (12192 mm)</u>
<u>1:17</u>	<u>30 inches (762 mm)</u>	<u>42.5 feet (12954 mm)</u>
<u>1:18</u>	<u>30 inches (762 mm)</u>	<u>45 feet (13716 mm)</u>
<u>1:19</u>	<u>30 inches (762 mm)</u>	<u>47.5 feet (14478 mm)</u>

46. Proposed code change(s):

CH 11B

SEC 1133B -- GENERAL ACCESSIBILITY FOR ENTRANCES, EXITS AND PATHS OF TRAVEL

1133B.7 Walks and sidewalks.

1133B.7.4 Changes in level. Abrupt changes in level along any accessible route shall not exceed 1/2 inch (12.7 mm). When changes in level do occur, they shall be beveled with a slope no greater than 1 unit vertical to 2 units horizontal (50%), except that level changes not exceeding 1/4 inch (6 mm) may be vertical. Changes in level shall comply with Section 1124B.2.

—When changes in levels greater than 1/2 inch (12.7 mm) are necessary, they shall comply with the requirements for curb ramps. See Section 1127B.5.

47. Proposed code change(s):

CH 11B

SEC 1133B -- GENERAL ACCESSIBILITY FOR ENTRANCES, EXITS AND PATHS OF TRAVEL

1133B.7 Walks and sidewalks.

1133B.7.6 Walks with continuous gradients. All walks with continuous gradients shall have level areas at least 5 feet (1524 mm) in length at intervals of ~~at least every~~ 400 feet (121 920 mm) maximum.

45-DAY EXPRESS TERMS

48. Proposed code change(s):

CH 11B

SEC 1133B -- GENERAL ACCESSIBILITY FOR ENTRANCES, EXITS AND PATHS OF TRAVEL

1133B.8 Hazards.

1133B.8.7 Detectable warnings at reflecting pools. The edges of reflecting pools shall be protected by railings, walls, warning curbs or detectable warnings complying with Section 1121B.3.1, Item 8(a).

DIVISION IV – ACCESSIBILITY FOR EXISTING BUILDINGS

49. Proposed code change(s):

CH 11B

SEC 1134B -- ACCESSIBILITY FOR EXISTING BUILDINGS

1134B.1 Scope. The provisions of this division apply to renovation, structural repair, alteration and additions to existing buildings, including those identified as historic buildings. This division identifies minimum standards for removing architectural barriers, and providing and maintaining accessibility to existing buildings and their related facilities.

No renovation, structural repair, alteration or addition shall be undertaken which decreases or has the effect of decreasing accessibility or usability of a building or facility below the requirements for new construction at the time of renovation, structural repair, alteration or addition.

50. Proposed code change(s):

CH 11B

SEC 1134B -- ACCESSIBILITY FOR EXISTING BUILDINGS

1134B.2 General. ...

1134B.2.1 A primary entrance to the building or facility and the primary path of travel to the specific area of alteration, structural repair or addition, and sanitary facilities, drinking fountains, signs and public telephones serving the area.

Exceptions:

1. When the total construction cost of alterations, structural repairs or additions does not exceed a valuation threshold of \$50,000, based on January 1981, "ENR US20 Cities" Average construction cost index of 3372.02 (Engineering News Record, McGraw Hill Publishing Company), and the enforcing agency finds that compliance with this code creates an unreasonable hardship, compliance shall be limited to the actual work of the project. The enforcing agency shall annually update the valuation threshold to a current amount based on the increase in the index since the last figure used. (For example, the January 2006 amount is ~~\$113,586.07~~ \$XXX,XXX.XX.) For purposes of this exception, ...

Notation

Authority Cited – Government Code Section 4450.

Reference – Government Code Sections 4450 through 4461, 12955.1(d) and Health and Safety Code Sections 18949.1, 19952 through 19959.

Related code change(s):

FIGURE 11B-2A SHOWER STALLS

FIGURE 11B-2B SHOWER STALLS (CONT)

FIGURE 11B-2C SHOWER STALLS (CONT)

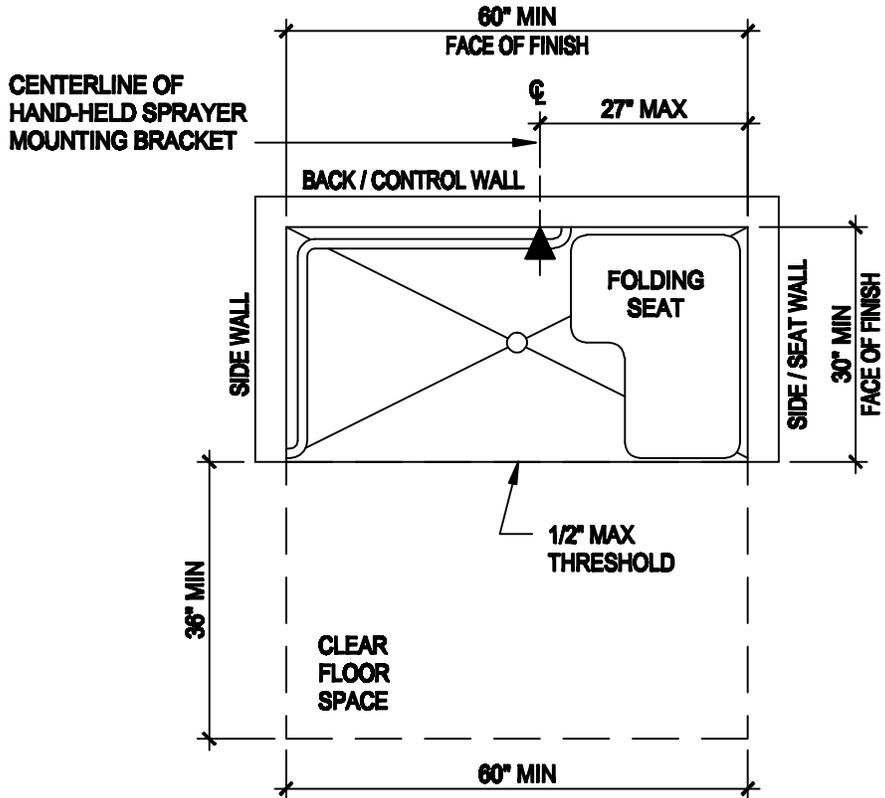
FIGURE 11B-26A LEVEL MANEUVERING CLEARANCE AT DOORS (continued)

FIGURE 11B-26B LEVEL MANEUVERING CLEARANCE AT DOORS

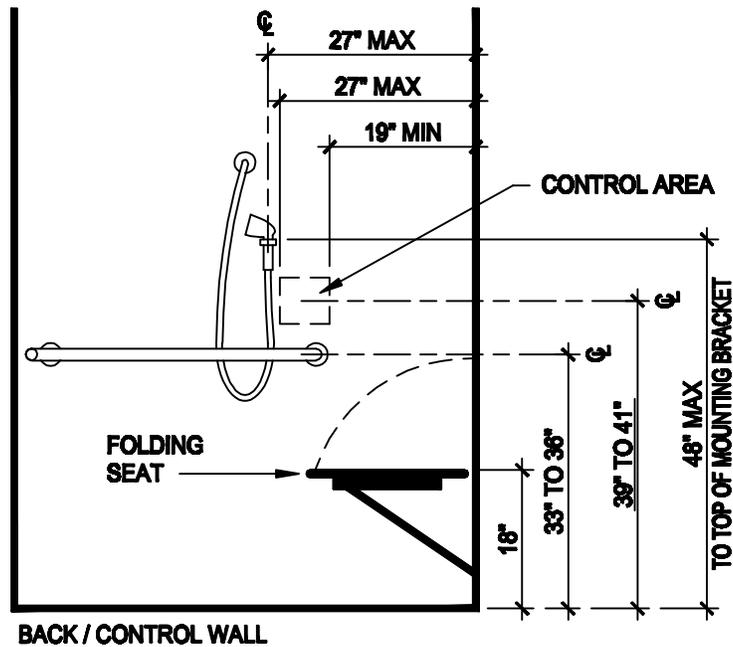
FIGURE 11B-27 RAMPS AND SIDEWALKS

FIGURE 11B-35 WARNING STRIPING AND HANDRAIL EXTENSIONS

FIGURE 11B-36 STAIR HANDRAILS

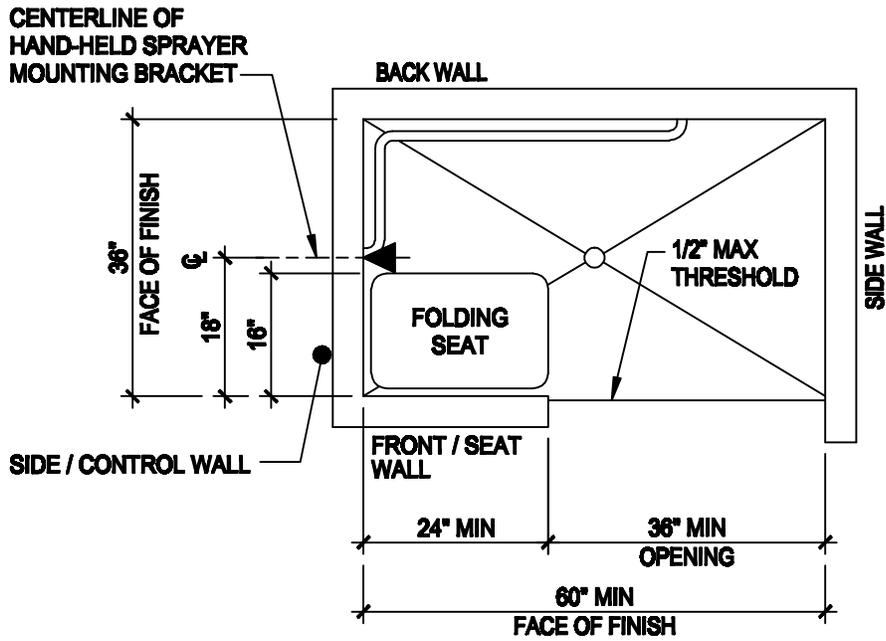


(a) 60" MINIMUM X 30" MINIMUM ROLL-IN SHOWER

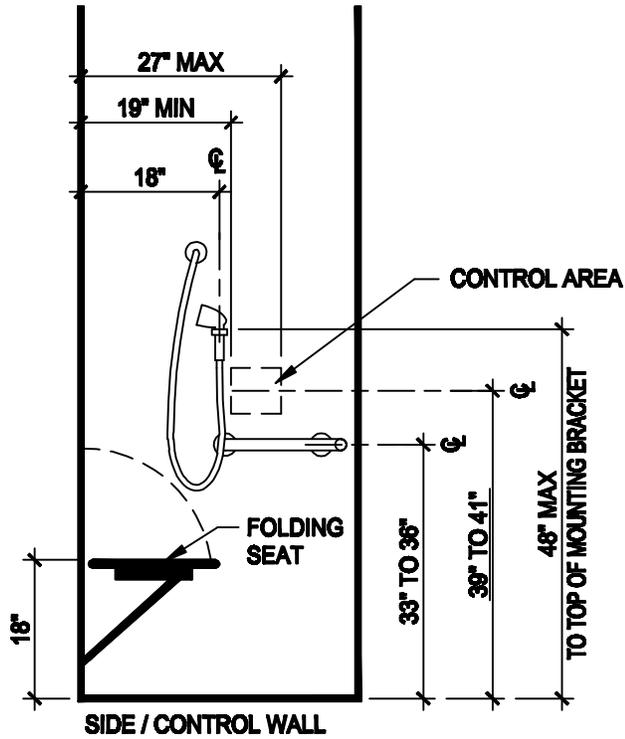


(b) ELEVATION - 60" MINIMUM X 30" MINIMUM ROLL-IN SHOWER

FIGURE 11B-2A - SHOWER STALLS

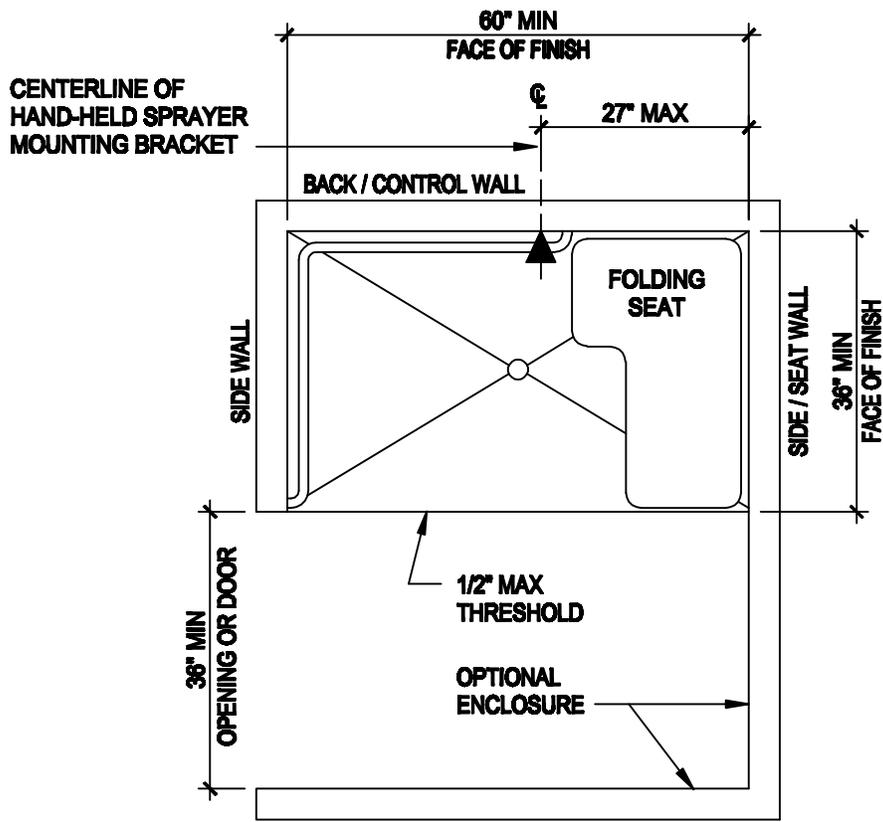


(a) 60" MINIMUM X 36" ALTERNATE ROLL-IN SHOWER

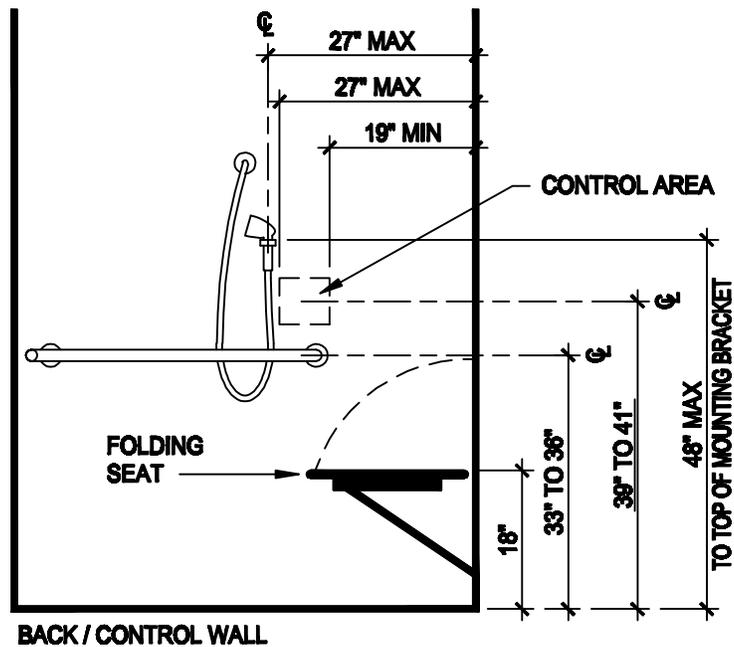


(b) ELEVATION - 60" MINIMUM X 36" ALTERNATE ROLL-IN SHOWER

FIGURE 11B-2B - SHOWER STALLS (CONT)

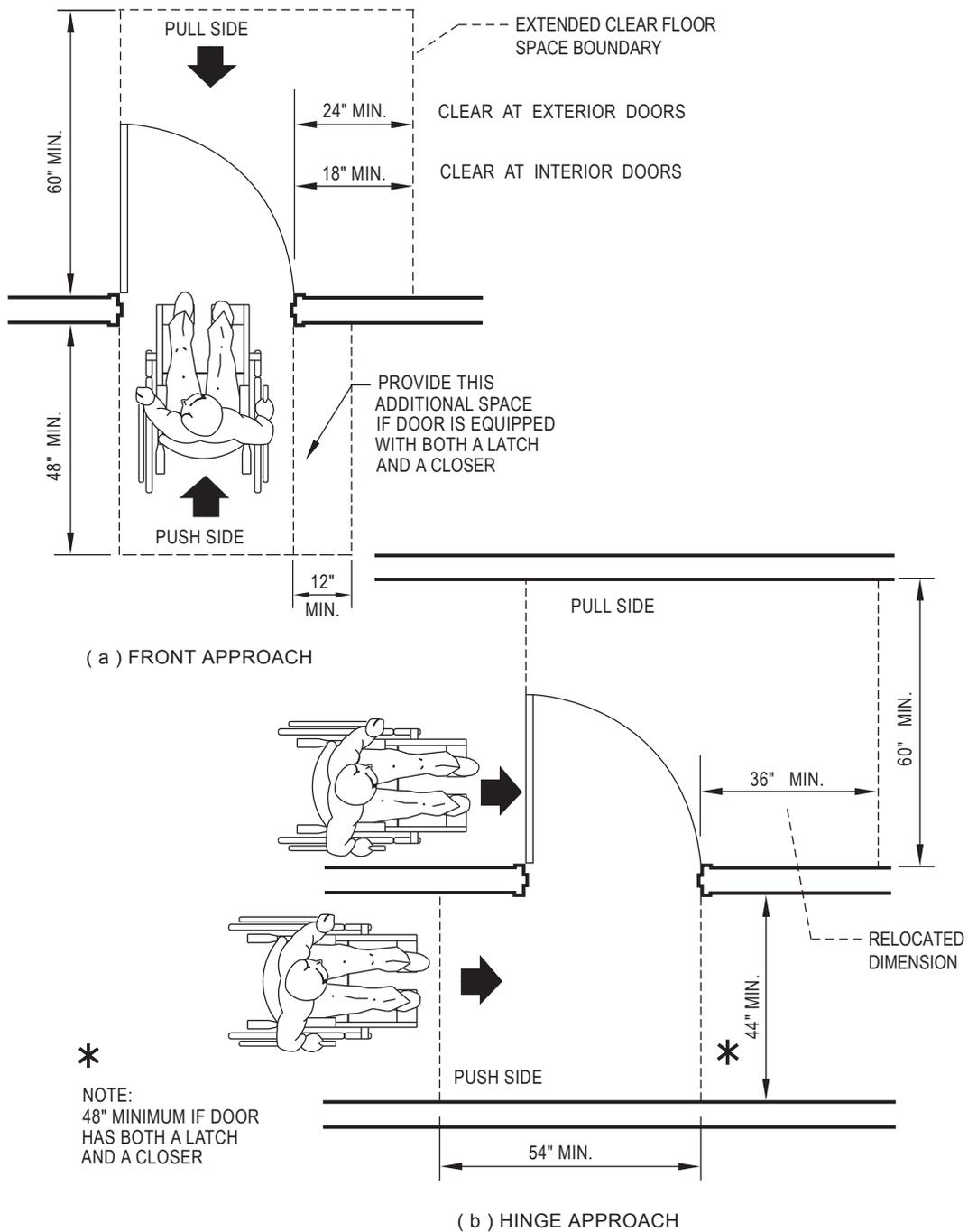


(a) 60" MINIMUM X 36" MINIMUM ALTERNATE ROLL-IN SHOWER WITH OPTIONAL ENCLOSURE



(b) ELEVATION - 60" MINIMUM X 36" MINIMUM ALTERNATE ROLL-IN SHOWER WITH OPTIONAL ENCLOSURE

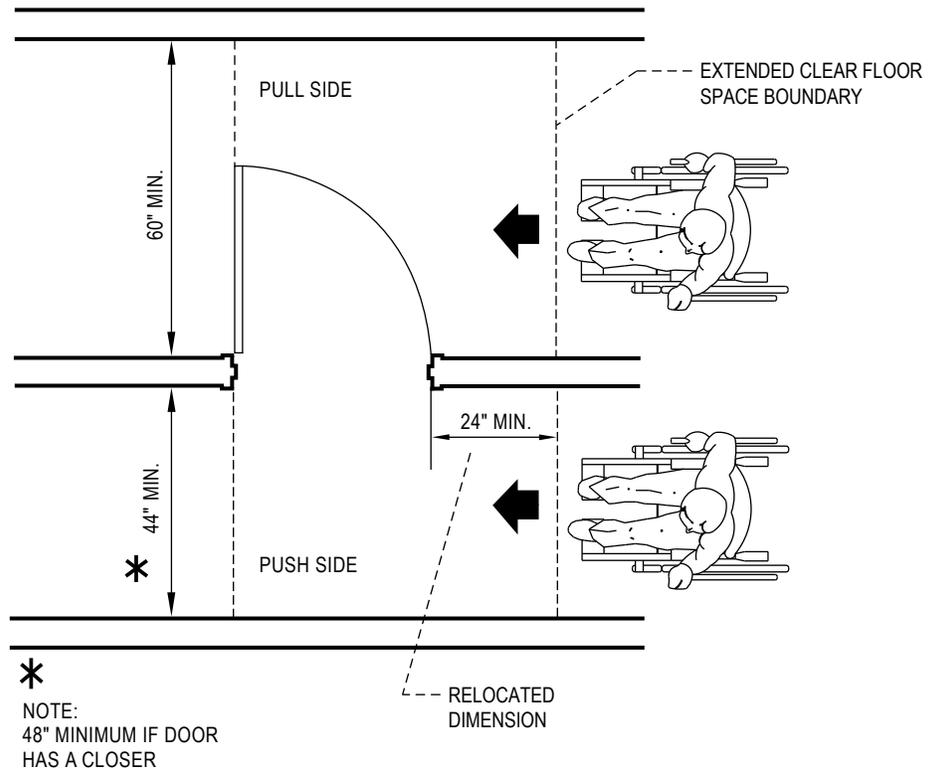
FIGURE 11B-2C - SHOWERS STALLS (CONT)



* NOTE: ALL DOORS IN ALCOVES SHALL COMPLY WITH THE CLEARANCES FOR FRONT APPROACHES.

THESE DIAGRAMS ILLUSTRATE THE SPECIFIC REQUIREMENTS OF THESE REGULATIONS AND ARE INTENDED ONLY AS AN AID FOR BUILDING DESIGN AND CONSTRUCTION.

FIGURE 11B-26A—LEVEL MANEUVERING CLEARANCE AT DOORS (Continued)

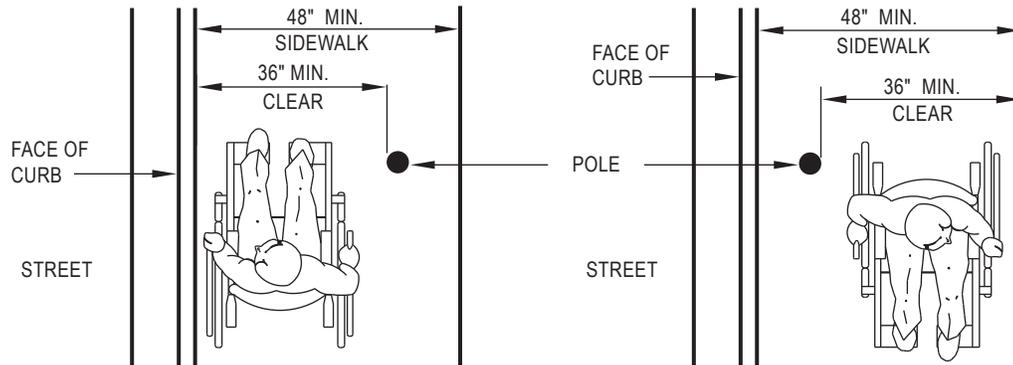


(c) LATCH APPROACH

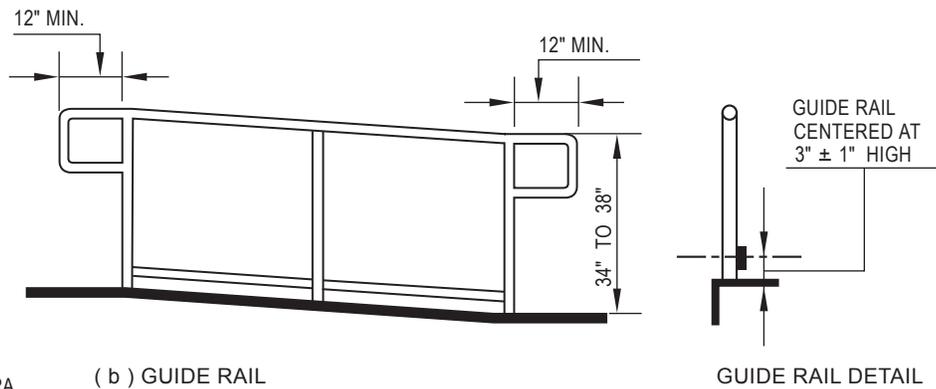
* NOTE: ALL DOORS IN ALCOVES SHALL COMPLY WITH THE CLEARANCES FOR FRONT APPROACHES.

THIS DIAGRAM ILLUSTRATES THE SPECIFIC REQUIREMENTS OF THESE REGULATIONS AND IS INTENDED ONLY AS AN AID FOR BUILDING DESIGN AND CONSTRUCTION.

FIGURE 11B-26B—LEVEL MANEUVERING CLEARANCE AT DOORS

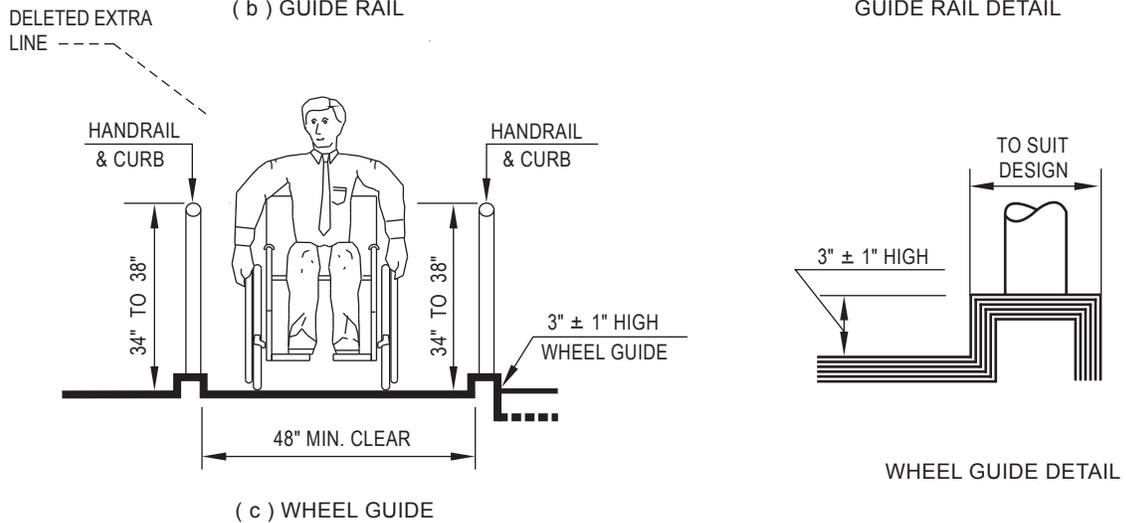


(a) SIDEWALK OBSTRUCTIONS



(b) GUIDE RAIL

GUIDE RAIL DETAIL

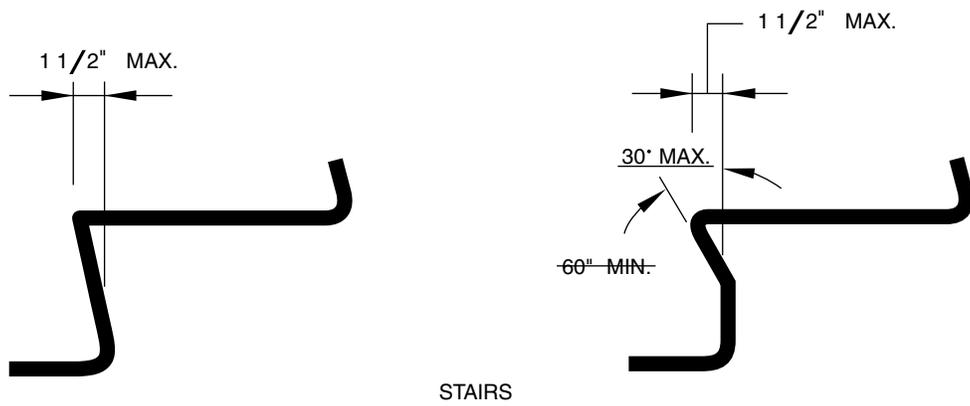


(c) WHEEL GUIDE

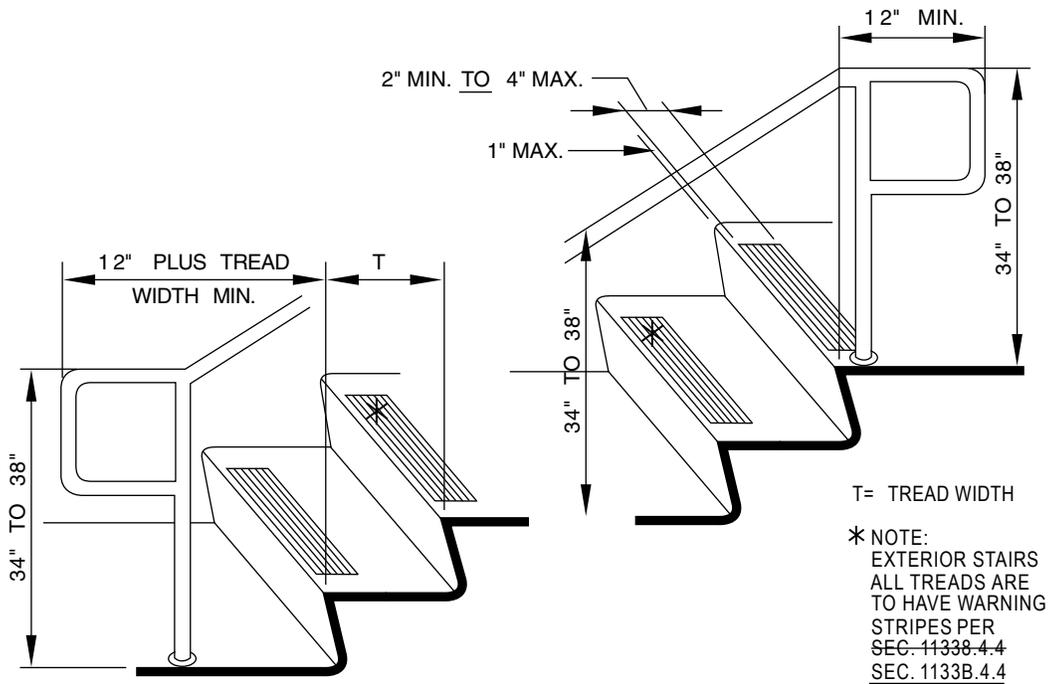
WHEEL GUIDE DETAIL

THESE DIAGRAMS ILLUSTRATE THE SPECIFIC REQUIREMENTS OF THESE REGULATIONS AND ARE INTENDED ONLY AS AN AID FOR BUILDING DESIGN AND CONSTRUCTION.

FIGURE 11B-27—RAMPS AND SIDEWALKS

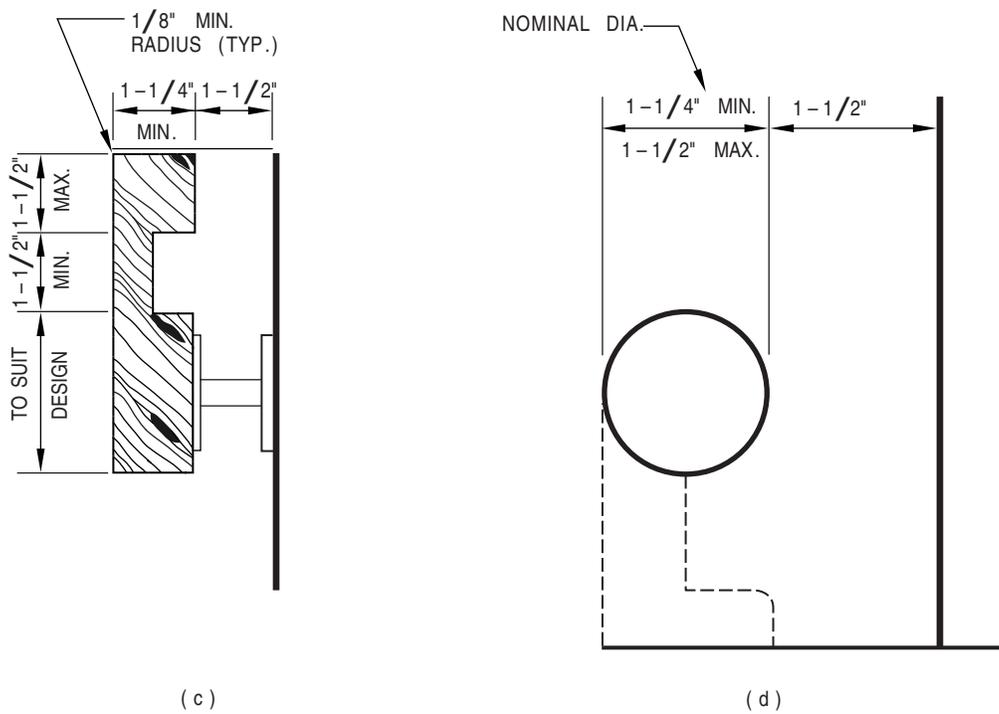
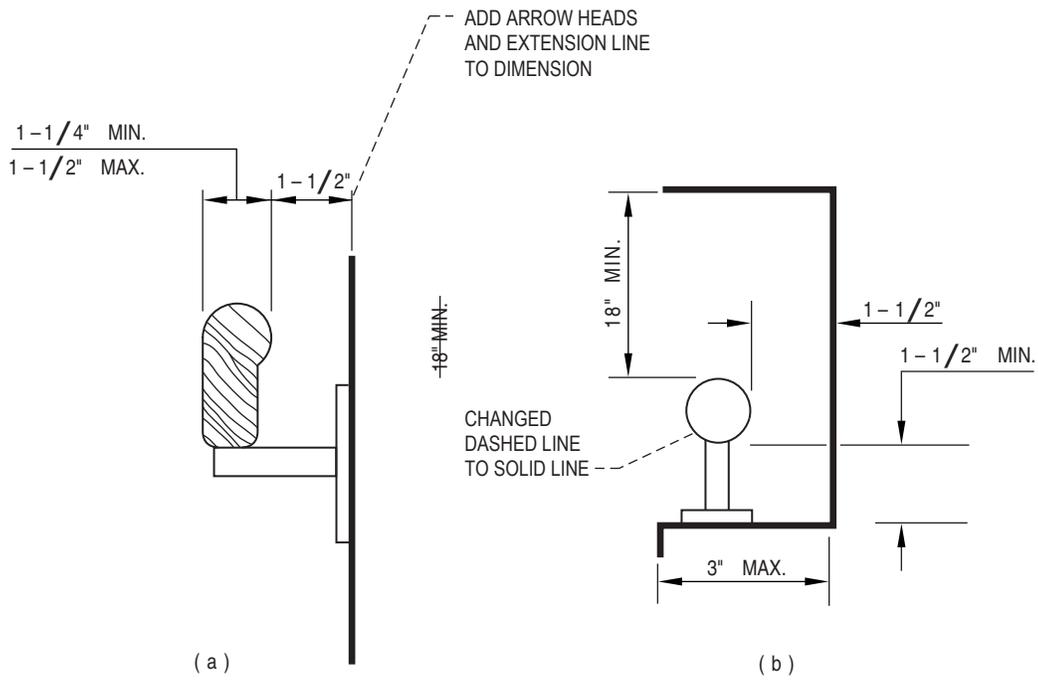


STAIRS



THESE DIAGRAMS ILLUSTRATE THE SPECIFIC REQUIREMENTS OF THESE REGULATIONS AND ARE INTENDED ONLY AS AN AID FOR BUILDING DESIGN AND CONSTRUCTION.

FIGURE 11B-35—WARNING STRIPING AND HANDRAIL EXTENSIONS



THESE DIAGRAMS ILLUSTRATE THE SPECIFIC REQUIREMENTS OF THESE REGULATIONS AND ARE INTENDED ONLY AS AN AID FOR BUILDING DESIGN AND CONSTRUCTION.

FIGURE 11B-36—STAIR HANDRAILS