

**EXPRESS TERMS
FOR
PROPOSED BUILDING STANDARDS
OF THE
DEPARTMENT OF HOUSING AND COMMUNITY DEVELOPMENT
REGARDING THE AMENDMENT OF THE 2013 CALIFORNIA BUILDING CODE
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 2, CHAPTER 11A
“HOUSING ACCESSIBILITY”**

(HCD 04/13)

The Department of Housing and Community Development (HCD) proposes to make necessary changes to the 2013 edition of the California Building Code (CBC), Chapter 11A, as presented on the following pages.

LEGEND FOR EXPRESS TERMS:

- 1. Existing California amendments or language being modified:** *All such language shown in italics Arial 9 point; modified language is underlined or shown in ~~strikeout~~.*
 - 2. Existing text not being modified:** All language not displayed in full is shown as “...” (i.e., ellipsis).
 - 3. Repealed text:** *All such language shown in ~~strikeout~~.*
 - 4. Amended, adopted or repealed language after public hearing:** *All such language shown in double underline or ~~double strikeout~~.*
 - 5. Notation:** Authority and Reference citations are provided at the end of each section.
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1. HCD proposes to amend Section 1101A “Application”, as follows:

**CHAPTER 11A
HOUSING ACCESSIBILITY**

NOTE 1: *Covered multifamily dwellings may be subject to the requirements of more than one jurisdiction or law, which would require compliance with each law. Where federal, state, or local laws differ, the more stringent requirements apply. For additional information, see the Joint Statement of the Department of Housing and Urban Development and the Department of Justice issued April 30, 2013 (www.hud.gov.)*

NOTE 2: *Dwelling units constructed as senior citizen housing may also be subject to the Unruh Civil Rights Act. Refer to Division I, Part 2 of the California Civil Code. For additional information regarding application, interpretation and enforcement, contact the California Department of Fair Employment and Housing.*

Division I — APPLICATION, GENERAL PROVISIONS, AND DEFINITIONS

Division I Table of Contents

*Section 1101A Application
Section 1102A Building Accessibility
Section 1103A Design and Construction
Section 1104A Covered Multifamily Dwellings
Section 1105A Garages, Carports and Parking Facilities
Section 1106A Site and Building Characteristics
Section 1107A Definitions*

**SECTION 1101A
APPLICATION**

1101A.1 Scope. *The application and authority of this chapter are identified and referenced in Sections 1.8.2.1.2 and 1102A for the Department of Housing and Community Development. Applicable sections are identified in the Matrix*

10. Public housing as defined in Chapter 2 of this code is subject to provisions of the Division of the State Architect (DSA-AC) in Chapter 11B. See Chapter 11B. Newly constructed covered multifamily dwellings, which can also be defined as public housing, shall be subject to the requirements of Chapter 11A and Chapter 11B.

1102A.2 Existing buildings. ~~The building standards contained in this chapter do not apply to the alteration, repair, rehabilitation or maintenance of multifamily dwellings constructed for first occupancy prior to March 13, 1991. Public housing as defined in Chapter 2 of this code is subject to provisions of the Division of the State Architect (DSA-AC) See Chapter 11B.~~

Covered multifamily dwellings shall be maintained in compliance with the accessibility standards in effect at the time of construction. Apartments constructed prior to March 13, 1991, shall be maintained in compliance with the accessibility standards in effect at the time of construction.

Additions shall be subject to the requirements of this chapter, provided the addition, when considered alone, meets the definition of a covered multifamily dwelling, as defined in Chapter 2. New common use spaces serving existing covered multifamily dwellings shall be subject to the requirements of this chapter.

Note: For all existing public use areas, public accommodations and public housing, see Chapter 11B for provisions of the Division of the State Architect-Access Compliance (DSA-AC).

1102A.3 Multistory dwellings.

1102A.3.1 Multistory apartment or condominium dwellings in buildings with no elevator. This section shall apply to multistory dwelling units on the ground floor of buildings without elevators for which an application for a construction permit is submitted on or after July 1, 2005.

Exception: Carriage units as defined in ~~Section 1107A.3-C~~ Chapter 2 and regulated only by the Department of Housing and Community Development as referenced in Section 1.8.2.1.2.

At least 10 percent but not less than one of the multistory dwellings in apartment buildings with 3 or more dwelling units and/or condominiums with 4 or more dwelling units shall comply with the following:

1. The primary entry to the dwelling unit shall be on an accessible route unless exempted by site impracticality tests in Section 1150A.
2. At least one powder room or bathroom shall be located on the primary entry level, served by an accessible route and shall comply with the provisions in Division IV.
3. All rooms or spaces located on the primary entry level shall be served by an accessible route and shall comply with the provisions in Division IV. Rooms and spaces located on the primary entry level and subject to this chapter may include but are not limited to kitchens, powder rooms, bathrooms, living rooms, bedrooms or hallways.
4. Common use areas covered by this section shall be accessible as required by this chapter. Public use areas as defined in Chapter 2 of this code are subject to provisions of the Division of the State Architect (DSA-AC) and are referenced in Section 1.9.1.

The minimum number of multifamily dwelling units which must comply with this section shall be calculated using the total number of all multistory dwelling units in buildings on a site which are subject to this section. Any fraction thereof shall be rounded to the next highest whole number.

1102A.3.2 Multistory dwelling units in buildings with one or more elevators. Multistory dwelling units contained in buildings with elevators shall comply with this section. For multistory dwelling units in buildings with elevators, the story of the unit that is served by the building elevator is considered a ground floor and the primary entry floor to the unit and shall comply with the following:

1. At least 1 powder room or bathroom shall be located on the primary entry level.
2. At least 1 kitchen shall be located on the primary entry level.
- ~~2-3.~~ 3. All rooms or spaces located on the primary entry level shall be served by an accessible route and shall comply with Division IV.

~~**1102A.4 Swimming pools.** Swimming pools and spas required to be accessible shall comply with the provisions of Section 1141A.~~

~~**1102A.5 1102A.4 Temporary restrictions.** During periods of partial or restricted use of a building or facility, the entrances used for primary access shall be accessible to and usable by persons with disabilities.~~

NOTE:

Authority Cited: Health and Safety Code Sections 17040, 17050, 17920.9, 17921, 17921.3, 17921.6, 17921.10, 17922, 17922.6, 17922.12, 17927, 17928, 17959.6, 18300, 18552, 18554, 18620, 18630, 18640, 18670, 18690, 18691, 18865, 18871.3, 18871.4, 18873, 18873.1, 18873.2, 18873.3, 18873.4, 18873.5, 18938.3, 18944.11 and 19990; and Government Code Section 12955.1.

Reference: Health and Safety Code Sections 17000 through 17062.5, 17910 through 17995.5, 18200 through 18700, 18860 through 18874, and 19960 through 19997; and Government Code Sections 12955.1 and 12955.1.1.

3. HCD proposes to amend Section 1103A “Design and Construction”, as follows:

**SECTION 1103A
DESIGN AND CONSTRUCTION**

1103A.1 General.

~~1103A.1.1~~ *When buildings are required to be accessible, they shall be designed and constructed as provided in this chapter.*

~~**Note:** Public use areas, public accommodations, and public housing as defined in Chapter 2 of this code are subject to provisions of the Division of the State Architect (DSA-AC) and are referenced in Section 1.9.1.1.~~

NOTE:

Authority Cited: Health and Safety Code Sections 17040, 17050, 17920.9, 17921, 17921.3, 17921.6, 17921.10, 17922, 17922.6, 17922.12, 17927, 17928, 17959.6, 18300, 18552, 18554, 18620, 18630, 18640, 18670, 18690, 18691, 18865, 18871.3, 18871.4, 18873, 18873.1, 18873.2, 18873.3, 18873.4, 18873.5, 18938.3, 18944.11 and 19990; and Government Code Section 12955.1.

Reference: Health and Safety Code Sections 17000 through 17062.5, 17910 through 17995.5, 18200 through 18700, 18860 through 18874, and 19960 through 19997; and Government Code Sections 12955.1 and 12955.1.1.

3A. No Change to Text of Sections 1104A, 1105A, 1106A and 1107A.

**SECTION 1104A
COVERED MULTIFAMILY DWELLINGS**

1104A.1 General. ... (No change to text)

1104A.2 Ground floors above grade. ... (No change to text)

**SECTION 1105A
GARAGES, CARPORTS AND PARKING FACILITIES**

1105A.1 General. ... (No change to text)

**SECTION 1106A
SITE AND BUILDING CHARACTERISTICS**

1106A.1 General. ... (No change to text)

1106A.2 Site Impracticality. ... (No change to text)

**SECTION 1107A
DEFINITIONS**

All definitions are located in Chapter 2.

4. HCD proposes to amend Section 1108A “General Requirements for Accessible Parking and Exterior Routes of Travel”, as follows:

Division II — EXTERIOR FACILITIES

Division II Table of Contents

Section 1108A General Requirements for Accessible Parking and Exterior Routes of Travel

Section 1109A Parking Facilities

Section 1110A Exterior ~~Accessible~~ Routes of Travel

Section 1111A Changes in Level on Accessible Routes

Section 1112A Curb Ramps on Accessible Routes

Section 1113A Walks and Sidewalks on ~~an~~ Accessible Routes

Section 1114A Exterior Ramps and Landings on Accessible Routes

Section 1115A Exterior Stairways

Section 1116A Hazards on Accessible Routes

SECTION 1108A

GENERAL REQUIREMENTS FOR ACCESSIBLE PARKING AND EXTERIOR ROUTES OF TRAVEL

Notes:

1. In addition to provisions of this division, exterior routes of travel that provide access to, or egress from, buildings for persons with disabilities shall also comply with Chapter 10.
2. ~~Public use areas, public accommodations, and public housing as defined in Chapter 2 of this code are subject to provisions of the Division of the State Architect (DSA-AC) and are referenced in Section 1.9.1.1.~~

NOTE:

Authority Cited: Health and Safety Code Sections 17040, 17050, 17920.9, 17921, 17921.3, 17921.6, 17921.10, 17922, 17922.6, 17922.12, 17927, 17928, 17959.6, 18300, 18552, 18554, 18620, 18630, 18640, 18670, 18690, 18691, 18865, 18871.3, 18871.4, 18873, 18873.1, 18873.2, 18873.3, 18873.4, 18873.5, 18938.3, 18944.11 and 19990; and Government Code Section 12955.1.

Reference: Health and Safety Code Sections 17000 through 17062.5, 17910 through 17995.5, 18200 through 18700, 18860 through 18874, and 19960 through 19997; and Government Code Sections 12955.1 and 12955.1.1.

5. HCD proposes to amend Section 1109A “Parking Facilities”, as follows:

Division II — EXTERIOR FACILITIES

SECTION 1109A PARKING FACILITIES

1109A.1 Accessible parking required. ... (No change to text)

1109A.2 Parking facilities. ... (No change to text)

1109A.2.1 Private garages. Private garages accessory to covered multifamily dwelling units, shall be accessible as required in Section 1109A. Private garages include individual garages and multiple individual garages grouped together.

Exception: ~~An attached~~ A private garage attached to and directly serving a single covered multifamily dwelling unit, providing at least one of the following options:

1. A door leading directly from the covered dwelling unit, which immediately enters the garage. The door shall comply on both sides with Sections 1132A.3 through 1132A.9.
2. An accessible route of travel from the covered dwelling unit to an exterior door entering the garage. See Section 1132A.1 for requirements at both exit doors.
3. An accessible route of travel from the dwelling unit's primary entry door to the vehicular entrance at the garage. See Section 1132A.1 for requirements at the primary entry door.

1109A.3 Required accessible parking spaces. ... (No change to text)

1109A.4 Assigned accessible parking spaces. ... (No change to text)

1109A.5 Unassigned and visitor parking spaces. ... (No change to text)

1109A.6 Requests for accessible parking spaces. ... (No change to text)

1109A.7 Location of accessible parking spaces. ... (No change to text)

1109A.8 Design and construction. Accessible parking required by this section shall be designed and constructed in accordance with Section 1109A.

1109A.8.1 Vertical clearances. All entrances, exits and vehicular passageways to and from required accessible parking spaces within parking facilities, shall have a minimum vertical clearance of 8 feet 2 inches (2489 mm) from the floor to the lowest projection of the ceiling. Reflective warning signs complying with ~~Chapter 11B~~ Section 1143A for character height shall be installed at transitions from the 8 feet 2 inch ceiling to lower ceiling heights in vehicular passageways in the same parking level.

1109A.8.2 Arrangement of parking spaces. ... (No change to text)

1109A.8.3 Slope of accessible parking spaces and access aisles. ... (No change to text)

1109A.8.4 Accessible parking space size. ... (No change to text)

1109A.8.5 Accessible single parking space. Where accessible single spaces are provided, they shall be constructed in accordance with the following:

~~1. Single spaces shall be 14 feet (4267 mm) wide and lined to provide a 9-foot (2743 mm) wide parking area and a 5-foot (1524 mm) wide loading and unloading access aisle on the passenger side of the vehicle (see Figure 11A-2B) with the vehicle parked in the forward position.~~

1. Single spaces shall be 14 feet (4267 mm) wide minimum, and shall provide a 9-foot (2743 mm) wide parking area and a 5-foot (1524 mm) wide loading and unloading access aisle. Access aisles shall be permitted to be located on either side of the vehicle, and shall extend the full required length of the parking spaces they serve.

2. When more than one space is provided, two 9-foot (2743 mm) wide parking spaces may be lined on each side of a 5-foot (1524 mm) wide loading and unloading access aisle ~~(see Figures 11A-2A and 11A-2C).~~

3. The minimum length of each parking space shall be 18 feet (5486 mm).

4. The loading and unloading access aisle shall be marked by a border painted blue. Within the blue border, hatched lines a maximum of 36 inches (914 mm) on center shall be painted a color contrasting with the parking surface, preferably blue or white. The words "NO PARKING" shall be painted on the ground within each 5-foot (1524 mm) wide loading and unloading access aisle. This notice shall be painted in white letters no less than 12 inches (305 mm) high and located so that it is visible ~~to traffic enforcement officials~~ from the adjacent vehicular way.

Note: See Figures 11A-2A, 11A-2B and 11A-2C.

1109A.8.6 Van accessible parking space. One in every eight accessible spaces, but not less than one, shall be van accessible and shall be constructed in accordance with the following:

~~1. Each space shall be served by a loading and unloading access aisle at least 8-foot (2438 mm) wide, placed on the passenger side with the vehicle parked in the forward position.~~
Each van-accessible parking space shall be 17 feet (5181 mm) wide minimum, and shall provide either of the following:

1.1. A 12-foot (3658 mm) wide minimum parking area and a 5-foot (1524 mm) wide minimum loading and unloading access aisle.

1.2. A 9-foot (2743 mm) wide minimum parking area and an 8-foot (2438 mm) wide minimum loading and unloading access aisle.

Access aisles shall be located on the passenger side of the vehicle with the vehicle parked in the forward position, and shall extend the full required length of the parking spaces they serve.

2. The minimum length of each space shall be 18 feet (5486 mm).

3. Each space shall be designated "van accessible" as required by Section 1109A.8.8.

4. All van accessible spaces may be grouped on one level of a multilevel parking facility.

5. The loading and unloading access aisle shall be marked by a border painted blue. Within the blue border, hatched lines a maximum of 36 inches (914 mm) on center shall be painted a color contrasting with the parking surface, preferably blue or white. The words "NO PARKING" shall be painted on the ground within each ~~8-foot (2438 mm) wide~~ loading and unloading access aisle. This notice shall be painted in white letters no less than 12 inches (305 mm) high and located so that it is visible ~~to traffic enforcement officials~~ from the adjacent vehicular way.

Note: See Figures 11A-2A, 11A-2B and 11A-2C.

1109A.8.7 Adjacent parking. ... (No change to text)

1109A.8.8 Parking signage. ~~Each accessible parking space reserved for persons with disabilities shall be identified by a reflective sign permanently posted immediately adjacent to and visible from each stall or space consisting of the "International Symbol of Accessibility" in white on a dark blue background. 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 at a minimum height of 36 inches (914 mm) from the parking space finished grade, ground or sidewalk. Van accessible spaces shall comply with Section 1109A.8.6 and shall have an additional sign or additional language stating "Van Accessible" below the symbol of accessibility.~~

Note: ~~When assigned resident parking is provided, signage is not required except for unassigned or visitor parking spaces.~~

1109A.8.8 Identification. ~~Each accessible parking space shall be identified with signage and surface marking in accordance with Sections 1109A.8.8.1 and 1109A.8.8.2.~~

1109A.8.8.1 Parking signage. ~~Each accessible parking space reserved for persons with disabilities shall be identified by a reflective sign consisting of the "International Symbol of Accessibility" complying with Section 1143A.8. The sign shall not be smaller than 70 square inches (4516 mm²) in area, and shall be posted 60 inches minimum above the finish floor or ground surface, measured to the bottom of the sign. Signs located on accessible routes shall be posted at a minimum height of 80 inches (2032 mm) above the finish floor or ground surface of the accessible route, measured to the bottom of the sign.~~

~~Signs identifying accessible parking spaces shall be visible from each parking space they serve, and shall be permanently posted immediately adjacent to the parking space or within the projected parking space width at the head end of the parking space. Signs may also be permanently posted on a wall at the interior end of the parking space.~~

~~Van accessible spaces shall comply with Section 1109A.8.6 and shall have an additional sign or additional language stating "Van Accessible" below the symbol of accessibility.~~

~~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 parking space. The sign shall not be less than 17 inches (432 mm) by 22 inches (559 mm) in size with lettering not less than 1 inch (25.4 mm) in height, and shall clearly and conspicuously state the following:~~

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

~~Blank spaces are to be filled in with appropriate information as a permanent part of the sign.~~

1109A.8.8.2 Parking space marking. ~~In addition to the above signage requirements, the surface of each accessible parking space shall have a surface identification duplicating complying with either of the following schemes:~~

~~1. By outlining or painting the stall or space in blue and outlining on the ground in the stall or space in white or suitable contrasting color the "International Symbol of Accessibility"; or,~~

~~1. The parking space shall be outlined or painted blue, and shall be marked with the "International Symbol of Accessibility" in white or a suitable contrasting color. The "International Symbol of Accessibility" shall be 36 inches (914 mm) wide by 36 inches (914 mm) high minimum, with the centerline 6 inches (152 mm) maximum from the centerline of the parking space, its sides parallel to the length of the parking space, and its lower side aligned with the end of the parking space.~~

~~2. By outlining the "International Symbol of Accessibility" in white on blue background. The "International Symbol of Accessibility" shall be located so that it is visible to a traffic enforcement officer when a vehicle is properly parked in the space and shall be 36 inches high by 36 inches wide (914 mm by 914 mm).~~

~~2. The parking space shall be marked with the "International Symbol of Accessibility", in white on a blue background, 36 inches (914 mm) wide by 36 inches (914 mm) high minimum in size. The centerline of the "International Symbol of Accessibility" shall be 6 inches (152 mm) maximum from the centerline of the parking space, its sides shall be parallel to the length of the parking space, and its lower side shall be aligned with the end of the parking space length.~~

Note: See Figures 11A-2A, 11A-2B and 11A-2C.

NOTE:

Authority Cited: Health and Safety Code Sections 17040, 17050, 17920.9, 17921, 17921.3, 17921.6, 17921.10, 17922, 17922.6, 17922.12, 17927, 17928, 17959.6, 18300, 18552, 18554, 18620, 18630, 18640, 18670, 18690, 18691, 18865, 18871.3, 18871.4, 18873, 18873.1, 18873.2, 18873.3, 18873.4, 18873.5, 18938.3, 18944.11 and 19990; and Government Code Section 12955.1.

Reference: Health and Safety Code Sections 17000 through 17062.5, 17910 through 17995.5, 18200 through 18700, 18860 through 18874, and 19960 through 19997; and Government Code Sections 12955.1 and 12955.1.1.

6. HCD proposes to amend Section 1110A “Exterior Accessible Routes”, as follows:

**SECTION 1110A
EXTERIOR ROUTES OF TRAVEL
EXTERIOR ACCESSIBLE ROUTES**

1110A.1 Exterior accessible route General. When a building or portion of a building is required to be accessible or adaptable, an accessible route shall be provided to all portions of the building, accessible building entrances and between the building and the public way. The accessible route shall be the most practical direct route and to the maximum extent feasible, coincide with the route for the general public and building residents.

Exterior accessible routes shall be provided as follows:

- ~~1. Where more than one route of travel is provided, all routes shall be accessible.~~
- ~~2. 1. At least one accessible route within the boundary of the site shall be provided from public transportation stops, accessible parking and accessible passenger loading and unloading zones, and public streets or sidewalks to the accessible building entrance they serve. Where more than one route of travel is provided, all routes shall be accessible.~~
- ~~3. 2. At least one accessible route shall connect accessible buildings, facilities, elements and spaces that are on the same site. Accessible routes shall be provided between accessible buildings and accessible site facilities when more than one building or facility is located on a site.~~
- ~~4. 3. At least one accessible route shall connect accessible building or facility entrances with all accessible spaces, elements, and covered multifamily dwelling units.~~
- ~~5. 4. An accessible route shall connect at least one accessible entrance of each covered multifamily dwelling unit with exterior spaces and facilities that serve the dwelling unit.~~
- ~~6. 5. Where elevators are provided for vertical access, all elevators shall be accessible. See Section 1124A.~~

Note: If the slope of the finished grade between covered multifamily dwellings and site arrival points, a public use or common use ~~facility~~ facilities (including parking) exceeds 1 unit vertical in 12 units horizontal (8.33-percent slope), or where other physical barriers (natural or artificial) or legal restrictions, all of which are outside the control of the owner, prevent the installation of an accessible route, an acceptable alternative is to provide access by a vehicular route, provided:

1. There is accessible parking on an accessible route for at least 2 percent of the covered multifamily dwelling units, and
2. Necessary site provisions such as parking spaces and curb ramps are provided at the public use or common use facility.

1110A.2 Signs. At every primary public entrance and at every major junction where the accessible route diverges from the circulation path along or leading to an accessible route, entrance or facility, there shall be a sign displaying the “International Symbol of Accessibility”. Signs shall indicate the direction to accessible building entrances and facilities and shall comply with the requirements found in ~~Section 4443A-2~~ 1143A.

1110A.3 Flooring Floor and ground surfaces. Floor and ground surfaces shall be stable, firm, and slip resistant. If carpet or carpet tile is used in a common-use area or public-use area on a ground or floor surface, it shall have firm backing or no backing. Carpet or carpet tile shall have a level loop, textured loop, level cut pile, or level cut/uncut pile texture. The maximum pile height shall be 1/2 inch (12.7 mm). Exposed edges of carpet shall be fastened to floor surfaces and have trim along the entire length of the exposed edge. Carpet edge trim shall comply with Section 1111A requirements for changes in level.

1110A.3.1 Recessed doormats. ... (No change to text)

1110A.4 Exterior accessible routes over 200 feet. ... (No change to text)

NOTE:

Authority Cited: Health and Safety Code Sections 17040, 17050, 17920.9, 17921, 17921.3, 17921.6, 17921.10, 17922, 17922.6, 17922.12, 17927, 17928, 17959.6, 18300, 18552, 18554, 18620, 18630, 18640, 18670, 18690, 18691, 18865, 18871.3, 18871.4, 18873, 18873.1, 18873.2, 18873.3, 18873.4, 18873.5, 18938.3, 18944.11 and 19990; and Government Code Section 12955.1.

Reference: Health and Safety Code Sections 17000 through 17062.5, 17910 through 17995.5, 18200 through 18700, 18860 through 18874, and 19960 through 19997; and Government Code Sections 12955.1 and 12955.1.1.

6A. No Change to Text of Sections 1111A and 1112A.

**SECTION 1111A
CHANGES IN LEVEL ON ACCESSIBLE ROUTES**

1111A.1 Changes in level not exceeding 1/2 inch. ... (No change to text)

1111A.2 Changes greater than 1/2 inch. ... (No change to text)

**SECTION 1112A
CURB RAMPS ON ACCESSIBLE ROUTES**

1112A.1 General. ... (No change to text)

1112A.2 Obstructions. ... (No change to text)

1112A.3 Width of curb ramps. ... (No change to text)

1112A.4 Diagonal curb ramps. ... (No change to text)

1112A.5 Slope of curb ramps. ... (No change to text)

1112A.6 Level landing. ... (No change to text)

1112A.7 Finish. ... (No change to text)

1112A.8 Border. ... (No change to text)

1112A.9 Detectable warnings. ... (No change to text)

7. HCD proposes to amend Section 1113A “Walks and Sidewalks on Accessible Routes” as follows:

**SECTION 1113A
WALKS AND SIDEWALKS ON AN ACCESSIBLE ROUTES**

1113A.1 Width and continuous surface. *Walks and sidewalks subject to this chapter shall have a continuous common surface, not interrupted by steps or by abrupt changes in level exceeding 1/2 inch (12.7 mm). (See Section 1111A).*

Walking surfaces shall be stable, firm, and slip resistant, and shall comply with Section 1110A.3.

1113A.1.1 Width. ... (No change to text)

1113A.1.2 Surfaces. ~~Surfaces shall be slip resistant as follows:~~

- ~~1. Surfaces with a slope of less than 6 percent gradient shall be at least as slip-resistant as that described as a medium salted finish.~~
- ~~2. Surfaces with a slope of 6 percent or greater gradient shall be slip-resistant.~~

~~**1113A.1.3 1113A.1.2 Surface cross slopes.** Surface cross slopes shall not exceed 1/4 inch (6.35 mm) per foot 1 unit vertical in 48 units horizontal (2.083-percent slope) except when the enforcing agency finds that due to local conditions it creates an unreasonable hardship, the cross slope may be increased to a maximum of 1/2 inch (12.7 mm) per foot (4.2-percent slope) for distances not to exceed 20 feet (6096 mm).~~

~~**1113A.2 Walks with continuous gradients.** ... (No change to text)~~

~~**1113A.3 Five percent gradient.** ... (No change to text)~~

~~**1113A.4 Level areas.** Walks on an accessible route shall be provided with a level area not less than 60 inches by 60 inches (1524 mm by 1524 mm) at a door or gate that swings toward the walk, and not less than 48 inches wide by 44 inches (1219 mm by 1118 mm) deep at a door or gate that swings away from the walk. See Section 1126A.3.2 for strike edge maneuvering space at doors or gate.~~

~~Walks on an accessible route shall be provided with a level area at each side of a door or gate. Level areas shall comply with the applicable requirements for maneuvering clearances in Section 1126A.3.~~

~~**1113A.5 Smooth surface.** The bottom 10 inches (254 mm) of all doors and/or gates except automatic and sliding doors or gates shall have a smooth, uninterrupted surface to allow the door or gate to be opened by a wheelchair footrest without creating a trap or hazardous condition. Where narrow frame doors are used, a 10-inch (254 mm) high smooth panel shall be installed on the push side of the door, which will allow the door to be opened by a wheelchair footrest without creating a trap or hazardous condition.~~

~~**1113A.6 1113A.5 Gratings.** Walks, sidewalks and pedestrian ways on an accessible route shall be free of gratings whenever possible. Gratings located in the surface of any of these areas, grid openings in gratings shall be limited to 1/2 inch (12.7 mm) in the direction of traffic flow. Elongated openings in gratings shall be placed so that the long dimension is perpendicular to the dominant direction of traffic.~~

Exceptions:

- ~~1. Where the enforcement agency determines that compliance with this section would create an unreasonable hardship, an exception may be granted when equivalent facilitation is provided.~~
- ~~2. This section shall not apply in those conditions where, due to legal or physical constraints, all or portions of the site of the project will not allow compliance with these building standards or equivalent facilitation on all or portions of one site without creating an unreasonable hardship.~~

~~**1113A.6 Handrails.** Handrails provided along walking surfaces with running slopes not steeper than one unit vertical in 20 units horizontal (5-percent slope) shall comply with Section 1114A.6.~~

NOTE:

Authority Cited: Health and Safety Code Sections 17040, 17050, 17920.9, 17921, 17921.3, 17921.6, 17921.10, 17922, 17922.6, 17922.12, 17927, 17928, 17959.6, 18300, 18552, 18554, 18620, 18630, 18640, 18670, 18690, 18691, 18865, 18871.3, 18871.4, 18873, 18873.1, 18873.2, 18873.3, 18873.4, 18873.5, 18938.3, 18944.11 and 19990; and Government Code Section 12955.1.

Reference: Health and Safety Code Sections 17000 through 17062.5, 17910 through 17995.5, 18200 through 18700, 18860 through 18874, and 19960 through 19997; and Government Code Sections 12955.1 and 12955.1.1.

8. HCD proposes to amend Section 1114A “Exterior Ramps and Landings on Accessible Routes”, as follows:

SECTION 1114A EXTERIOR RAMPS AND LANDINGS ON ACCESSIBLE ROUTES

~~**1114A.1 Width.** The clear width of ramps shall be consistent with the requirements for exits in Chapter 10 of this code, but in no case shall the ramp width be less than the following: 48 inches (1219 mm).~~

~~Handrails may project into the required clear width of the ramp at each side 3 1/2 inches (89 mm) maximum at the handrail height. Curbs, wheel guides and/or appurtenances shall not project into the required clear width of ramps.~~

- ~~1. Ramps serving accessible entrances to covered multifamily 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).~~
- ~~2. Ramps serving accessible entrances of covered multifamily dwellings with an occupant load of 10 or less may be 36 inches (914 mm) in clear width.~~
- ~~3. All other ramps shall have a minimum clear width of 48 inches (1219 mm).~~
- ~~4. Handrails, curbs, wheel guides and/or appurtenances shall not project into the required clear width of a ramp.~~

Exception: The clear width of ramps serving accessible entrances to covered multifamily dwellings with an occupant load of 10 or less may be 36 inches (914 mm) minimum between handrails.

Note: See Section 1114A.6.2.4 for handrail projections.

1114A.2 Slope. The maximum slope of ramps on an accessible route shall be no greater than 1 unit vertical in 12 units horizontal (8.33-percent slope). Transitions from ramps to walks, gutters or streets shall be flush and free of abrupt changes.

Exception: Ramps serving decks, patios or balconies as specified in Section 1132A.4.

1114A.2.1 Cross slope. The cross slope of ramp surfaces shall be no greater than 1/4 inch (6.35 mm) per foot 1 unit vertical in 48 units horizontal (2.083-percent slope).

1114A.3 Outdoor ramps. ... (No change to text)

1114A.4 Landings. ... (No change to text)

1114A.4.1 Location of landings. ... (No change to text)

1114A.4.2 Size of top landings. ... (No change to text)

1114A.4.3 Landing width Size of bottom and intermediate landings. The minimum width of bottom and intermediate landings shall not be less than the width of the ramp. Intermediate landings shall have a length in the direction of ramp run of not less than 60 inches (1524 mm). Bottom landings shall have a length in the direction of ramp run of not less than 72 inches (1829 mm).

1114A.4.4 Encroachment of doors. ... (No change to text)

1114A.4.5 Strike edge extension. The width of the landing shall comply with Section 1126A.3 for strike edge extension and maneuvering space clearance at doors.

Where doorways are located adjacent to a ramp landing, maneuvering clearance required by Section 1126A.3 shall be permitted to overlap the required landing area.

1114A.4.6 Change of direction. Intermediate landings at a change of direction shall be sized to provide 60 inches turning space complying with Section 1138A.1.3. Intermediate and bottom landings at a change of direction in excess of 30 degrees shall have a length in the direction of ramp run of not less than 72 inches (1829 mm). (See Figure 11A-6C) (See Figures 11A-6C and 11A-6D).

~~**1114A.4.7 Other intermediate landings.** Other intermediate landings shall have a dimension in the direction of ramp run of not less than 60 inches (1524 mm). (See Figure 11A-6C).~~

1114A.5 Ramp height. ... (No change to text)

1114A.6 Ramp handrails.

1114A.6.1 Where required. Handrails shall be provided at each side of ramps when the slope exceeds 1 unit vertical in 20 units horizontal (5-percent slope). ~~Handrails on all ramps shall be continuous.~~

Exceptions:

1. Curb ramps.
2. Ramps that serve an individual dwelling unit may have one handrail, except that ramps open on one or both sides shall have handrails provided on the open side or sides.
3. Ramps at exterior door landings with less than 6 inches (152 mm) rise or less than 72 inches (1829 mm) in length.

1114A.6.2 Handrail configuration.

1114A.6.2.1 Handrail heights. ... (No change to text)

1114A.6.2.2 Handrail ends. ~~Handrail ends shall be returned.~~ **Handrail continuity.** Handrails on all ramps shall be continuous within the full length of each ramp run. Inside handrails on switchback or dogleg ramps shall be continuous between ramp runs.

1114A.6.2.3 Handrail extensions. Handrails shall extend a minimum of 12 inches (305 mm) horizontally above landings, beyond the top and bottom of the ramp runs. Extensions shall return to a wall, guard, or the walking surface, or shall be continuous to the handrail of an adjacent ramp run. Where the extension creates a hazard, the termination of the extension shall be rounded or returned smoothly to floor, wall or post. Handrail extensions shall be in the same direction as the ramp runs. (See Figure 11A-5A).

1114A.6.2.4 Handrail projections. Handrails projecting from a wall shall have a space of 1½ inches (38.1 mm) minimum between the wall and the handrail. Handrails shall not reduce the required minimum clear width of ramps.

Handrails may be located in a recess if the recess is a maximum of 3 inches (76.2 mm) deep and extends at least 18 inches (457 mm) above the top of the rail. Any wall or other surface adjacent to the handrail shall be free of sharp or abrasive elements. (See Figure 11A-6B).

1114A.6.2.5 Handrail grips. ~~The handgrip portion of handrails shall not be less than 1¼ inches (31.75 mm) nor more than 2 inches (50.8 mm) in cross-sectional dimension or the shape shall provide an equivalent gripping surface. The handgrip portion of handrails shall have a smooth surface with no sharp corners. Edges shall have a minimum radius of 1/8 inch (3.17 mm). Handrails shall not rotate within their fittings. (See Figure 11A-6B).~~

Note: ~~For public use areas, public accommodations, and public housing, see Chapter 11B for provisions of the Division of the State Architect--Access Compliance (DSA-AC).~~

1114A.6.2.5 Handrail gripping surfaces. Handrail gripping surfaces shall be continuous along their length, and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20 percent of their length. When provided, horizontal projections shall occur 1½ inches (38 mm) minimum below the bottom of the handrail gripping surface. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by ¼ inch (3.2 mm) for each ½ inch (12.7 mm) of additional handrail perimeter dimension that exceeds 4 inches (102 mm).

Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements, and shall have rounded edges.

Exception: Where handrails are provided along walking surfaces with slopes not steeper than 1 unit vertical in 20 units horizontal, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards.

1114A.6.2.6 Cross section. Handrail gripping surfaces shall comply with this section, or the shape shall provide equivalent gripping surface.

1. Circular cross section. The handrail gripping surfaces with a circular cross section shall not be less than 1¼ inches (31.75 mm) nor more than 2 inches (50.8 mm) in cross-sectional dimension.

2. Non-circular cross section. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4 inches (102 mm) minimum and 6¼ inches (159 mm) maximum, and a cross-section dimension of 2 ¼ inches (57 mm) maximum.

1114A.6.2.7 Fittings. Handrails shall not rotate within their fittings.

1114A.7 Edge protection. ... (No change to text)

NOTE:

Authority Cited: Health and Safety Code Sections 17040, 17050, 17920.9, 17921, 17921.3, 17921.6, 17921.10, 17922, 17922.6, 17922.12, 17927, 17928, 17959.6, 18300, 18552, 18554, 18620, 18630, 18640, 18670, 18690, 18691, 18865, 18871.3, 18871.4, 18873, 18873.1, 18873.2, 18873.3, 18873.4, 18873.5, 18938.3, 18944.11 and 19990; and Government Code Section 12955.1.

9. HCD proposes to amend Section 1115A “Exterior Stairways”, as follows:

SECTION 1115A EXTERIOR STAIRWAYS

1115A.1 General. Exterior stairways serving buildings on a site containing covered multifamily dwelling units shall comply with this section.

1115A.2 Open risers. ... (No change to text)

1115A.3 Treads. All tread surfaces shall be stable, firm and slip resistant, and shall comply with Section 1110A.3. Treads shall have smooth, rounded or chamfered exposed edges, and no abrupt edges at the nosing (lower front edge).

1115A.4 Nosing. ... (No change to text)

1115A.5 Striping for the visually impaired. Exterior stairs serving buildings on a site containing multifamily dwelling units shall have the upper approach and all treads marked by a stripe providing clear visual contrast. The stripe shall be a minimum of 2 inches (50.8 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 upper approach. The stripe shall extend the full width of the step or upper approach and shall be of material that is at least as slip resistant as the other treads of the stair. A painted stripe shall be acceptable. Grooves shall not be used to satisfy this requirement.

1115A.6 Exterior stairway handrails.

1115A.6.1 Where required. ... (No change to text)

1115A.6.2 Handrail configuration. ... (No change to text)

1115A.6.2.1 Handrail heights. ... (No change to text)

1115A.6.2.2 Handrail ends. ~~Ends shall be returned or shall terminate in newel posts or safety terminals.~~

1115A.6.2.2 Handrail continuity. Handrails on all stairways shall be continuous within the full length of each stair flight. Inside handrails on switchback or dogleg stairs shall be continuous between stair flights.

1115A.6.2.3 Handrail extensions. ~~Handrails shall extend a minimum of 12 inches (305 mm) beyond the top nosing and 12 inches (305 mm), plus the tread width, beyond the bottom nosing.~~

~~Where the extension creates a hazard, the termination of the extension shall be rounded or returned smoothly to floor, wall or post. Where the stairs are continuous from landing to landing, the inner rail shall be continuous and need not extend out into the landing. (See Figures 11A-6A and 11A-6E).~~

At the top of stair flights, handrails shall extend a minimum of 12 inches (305 mm) horizontally above landings, beginning directly above the first riser nosing. Extensions shall return to a wall, guard, or the walking surface, or shall be continuous to the handrail of an adjacent stair flight.

At the bottom of stair flights, handrails shall extend at the slope of the stair flight for a distance equal to one tread depth beyond the last riser nosing. Such extension shall continue with 12 inches (305 mm) minimum horizontal extension, shall be continuous to the handrail of an adjacent stair flight, or shall return to a wall, guard, or the walking surface. Handrail horizontal extensions shall be in the same direction as the stair flights. (See Figures 11A-6A and 11A-6E).

1115A.6.2.4 Handrail projections. Handrails projecting from a wall shall have a space of 1½ inches (38.1 mm) minimum between the wall and the handrail.

Handrails may be located in a recess if the recess is a maximum of 3 inches (76.2 mm) deep and extends at least 18 inches (457 mm) above the top of the rail. Any wall or other surface adjacent to the handrail shall be free of sharp or abrasive elements. (See Figure 11A-6B).

1115A.6.2.5 Handrail grips. *The handgrip portion of handrails shall not be less than 1¼ inches (31.75 mm) nor more than 2 inches (50.8 mm) in cross-sectional dimension or the shape shall provide an equivalent gripping surface. The handgrip portion of handrails shall have a smooth surface with no sharp corners. Edges shall have a minimum radius of 1/8 inch (3.17 mm). Handrails shall not rotate within their fittings. (See Figure 11A-6B).*

Note: *For public use areas, public accommodations, and public housing, see Chapter 11B for provisions of the Division of the State Architect - Access Compliance (DSA-AC).*

1115A.6.2.5 Handrail gripping surfaces. *Handrail gripping surfaces shall be continuous along their length, and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20-percent of their length. When provided, horizontal projections shall occur 1½ inches (38.1 mm) minimum below the bottom of the handrail gripping surface. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by ½ inch (3.2 mm) for each ½ inch (12.7 mm) of additional handrail perimeter dimension that exceeds 4 inches (102 mm).*

Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements, and shall have rounded edges.

1115A.6.2.6 Cross section. *Handrail gripping surfaces shall comply with this section, or the shape shall provide equivalent gripping surface.*

1. Circular cross section. *The handrail gripping surfaces with a circular cross section shall not be less than 1¼ inches (31.75 mm) nor more than 2 inches (50.8 mm) in cross-sectional dimension.*

2. Non-circular cross section. *Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4 inches (102 mm) minimum and 6¼ inches (159 mm) maximum, and a cross-section dimension of 2 ¼ inches (57 mm) maximum.*

1115A.6.2.7 Fittings. *Handrails shall not rotate within their fittings.*

NOTE:

Authority Cited: Health and Safety Code Sections 17040, 17050, 17920.9, 17921, 17921.3, 17921.6, 17921.10, 17922, 17922.6, 17922.12, 17927, 17928, 17959.6, 18300, 18552, 18554, 18620, 18630, 18640, 18670, 18690, 18691, 18865, 18871.3, 18871.4, 18873, 18873.1, 18873.2, 18873.3, 18873.4, 18873.5, 18938.3, 18944.11 and 19990; and Government Code Section 12955.1.

Reference: Health and Safety Code Sections 17000 through 17062.5, 17910 through 17995.5, 18200 through 18700, 18860 through 18874, and 19960 through 19997; and Government Code Sections 12955.1 and 12955.1.1.

10. HCD proposes to amend Section 1116A “Hazards on Accessible Routes”, as follows:

SECTION 1116A HAZARDS ON ACCESSIBLE ROUTES

1116A.1 Warning curbs. ... (No change to text)

1116A.2 Headroom clearance. *Walks, pedestrian ways, and other circulation spaces which are part of the required egress system shall have a minimum clear headroom as required in Section 1003.2. Other walks, pedestrian ways, and circulation spaces shall have a minimum clear headroom of 80 inches (2032 mm). If the vertical clearance of an area adjoining an accessible route is reduced to less than 80 inches (2032 mm) nominal dimension, a guardrail or other barrier having its leading edge at or below 27 inches (686 mm) above the finished floor shall be provided.*

Exception: *Doorways and archways less than 24 inches (610 mm) in depth may have a minimum clear headroom of 80 inches (2032 mm) nominal. (See Section 1126A for door requirements.)*

1116A.3 Overhanging obstructions. *Any obstruction that overhangs a pedestrian way shall be a minimum of 80 inches (2032 mm) above the walking surface as measured from the bottom of the obstruction. (See Figure 11A-1B). Where a guy support is used parallel to a path of travel, including, but not limited to, sidewalks, a guy brace, sidewalk guy or similar device shall be used to prevent an overhanging obstruction (see Section 1116A.2 for required headroom clearance).*

Exception: *Door closers and door stops shall be permitted to be 78 inches (1981 mm) minimum above the finish floor or ground.*

1116A.4 Free-standing signs. ... (No change to text)

1116A.5 Detectable warnings at vehicular areas. *When a walk crosses or adjoins a vehicular way, the walking surface shall be separated from the vehicular area by curbs, railings or other elements, or the boundary between the pedestrian areas and the vehicular areas shall be defined by a continuous detectable warning 36 inches (914 mm) wide minimum, complying with Chapter 11B, Section 11B-705.*

NOTE:

Authority Cited: Health and Safety Code Sections 17040, 17050, 17920.9, 17921, 17921.3, 17921.6, 17921.10, 17922, 17922.6, 17922.12, 17927, 17928, 17959.6, 18300, 18552, 18554, 18620, 18630, 18640, 18670, 18690, 18691, 18865, 18871.3, 18871.4, 18873, 18873.1, 18873.2, 18873.3, 18873.4, 18873.5, 18938.3, 18944.11 and 19990; and Government Code Section 12955.1.

Reference: Health and Safety Code Sections 17000 through 17062.5, 17910 through 17995.5, 18200 through 18700, 18860 through 18874, and 19960 through 19997; and Government Code Sections 12955.1 and 12955.1.1.

11. HCD proposes to amend Section 1117A “General Requirements for Accessible Entrances, Exits, Interior Routes of Travel and Facility Accessibility”, as follows:

Division III — BUILDING FEATURES

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**SECTION 1117A
GENERAL REQUIREMENTS FOR ACCESSIBLE ENTRANCES, EXITS, INTERIOR ROUTES OF TRAVEL
AND FACILITY ACCESSIBILITY**

Note: *In addition to provisions of this division, interior routes of travel that provide access to, or egress from, buildings for persons with disabilities shall also comply with Chapter 10.*

1117A.1 General. *When buildings are required to be accessible, building facilities shall be accessible as provided in this division. Where specific floors of a building are required to be accessible, the requirements of this division shall apply only to the facilities located on accessible floors.*

1117A.2 Primary entrances and exterior exit doors. *All primary entrances and exterior ground floor exit doors to buildings and facilities on accessible routes shall be accessible to persons with disabilities.*

Exceptions:

1. Exterior ground floor exits serving smoke-proof enclosures, stairwells, and exit doors serving stairs only.

2. Exits in excess of those required by Chapter 10, and which are more than 24 inches (610 mm) above grade.

1117A.3 Separate dwelling unit entrances. ... (No change to text)

1117A.4 Multiple entrances. ... (No change to text)

1117A.5 Entrances from parking structures, tunnels or elevated walkways. *Where direct access for pedestrians is provided from a parking structure to a building or facility, each direct access to the building or facility entrance shall be accessible.*

Where direct access for pedestrians is provided from a pedestrian tunnel or elevated walkway to a building or facility, all entrances to the building or facility from each tunnel or walkway shall be accessible.

NOTE:

Authority Cited: Health and Safety Code Sections 17040, 17050, 17920.9, 17921, 17921.3, 17921.6, 17921.10, 17922, 17922.6, 17922.12, 17927, 17928, 17959.6, 18300, 18552, 18554, 18620, 18630, 18640, 18670, 18690, 18691, 18865, 18871.3, 18871.4, 18873, 18873.1, 18873.2, 18873.3, 18873.4, 18873.5, 18938.3, 18944.11 and 19990; and Government Code Section 12955.1.

Reference: Health and Safety Code Sections 17000 through 17062.5, 17910 through 17995.5, 18200 through 18700, 18860 through 18874, and 19960 through 19997; and Government Code Sections 12955.1 and 12955.1.1.

11A. No Change to Text of Section 1118A.

SECTION 1118A EGRESS AND AREAS OF REFUGE

1118A.1 General. ... (No change to text)

12. HCD proposes to amend Section 1119A “Interior Accessible Routes”, as follows:

SECTION 1119A INTERIOR ROUTES OF TRAVEL INTERIOR ACCESSIBLE ROUTES

1119A.1 General. *When a building or portion of a building is required to be accessible or adaptable, an accessible route shall be provided to all portions of the building, accessible building entrances and to covered multifamily dwelling units. The accessible route shall, to the maximum extent feasible, coincide with the route for the general public and other building residents. Accessible routes shall not pass through kitchens, storage rooms, restrooms, closets or other spaces used for similar purposes except within an individual dwelling unit.*

Accessible Interior accessible routes shall be provided as follows:

- 1. Where more than one route of travel is provided all routes shall be accessible.*
- 2. At least one accessible route shall connect accessible building or facility entrances with all accessible spaces, elements and covered multifamily dwelling units.*
- 3. An accessible route shall connect at least one accessible primary entrance of each covered multifamily dwelling unit with interior and exterior spaces and facilities that serve the unit.*
- 4. Where elevators are provided for vertical access, all elevators shall be accessible.*

1119A.2 Flooring Floor and ground surfaces. *Floor and ground surfaces shall be stable, firm, and slip resistant. If carpet or carpet tile is used in a common-use area or public-use area on a ground or floor surface, it shall have firm backing or no backing. Carpet or carpet tile shall have a level loop, textured loop, level cut pile, or level cut/uncut pile texture. The maximum pile height shall be 1/2 inch (12.7 mm). Exposed edges of carpet shall be fastened to floor surfaces and have trim along the entire length of the exposed edge. Carpet edge trim shall comply with Section 1121A requirements for changes in level.*

1119A.2.1 Recessed doormats. ... (No change to text)

1119A.3 Widths. *Interior accessible routes serving an occupant load of 10 or more shall not be less than 44 inches (1118 mm) in width. Interior accessible routes serving an occupant load of less than 10 shall not be less than 36 inches (914 mm) in width.*

If a person in a wheelchair must make a turn around a corner or an obstruction, the minimum clear width of the accessible route shall be as specified in Section 1138A.1.5.

1119A.4 Interior accessible routes over 200 feet. Interior accessible routes that exceed 200 feet (60 960 mm) in length shall comply with Section 1138A.1.2. (See Figure 11A-1L).

1119A.5 Changes in elevation. Interior accessible routes which have changes in elevation shall be transitioned and comply with Sections 1121A or 1122A.

Exception: Doors and thresholds as provided in Section 1126A.

NOTE:

Authority Cited: Health and Safety Code Sections 17040, 17050, 17920.9, 17921, 17921.3, 17921.6, 17921.10, 17922, 17922.6, 17922.12, 17927, 17928, 17959.6, 18300, 18552, 18554, 18620, 18630, 18640, 18670, 18690, 18691, 18865, 18871.3, 18871.4, 18873, 18873.1, 18873.2, 18873.3, 18873.4, 18873.5, 18938.3, 18944.11 and 19990; and Government Code Section 12955.1.

Reference: Health and Safety Code Sections 17000 through 17062.5, 17910 through 17995.5, 18200 through 18700, 18860 through 18874, and 19960 through 19997; and Government Code Sections 12955.1 and 12955.1.1.

13. HCD proposes to amend Section 1120A “Reserved”, as follows:

**SECTION 1120A
INTERIOR ACCESSIBLE ROUTES
RESERVED**

~~**Note:** For the purpose of this section, interior accessible routes shall include but not be limited to corridors, hallways, exit balconies and covered or enclosed walkways.~~

~~**1120A.1 Widths.** Interior accessible routes serving an occupant load of 10 or more shall not be less than 44 inches (1118 mm) in width. Interior accessible routes serving an occupant load of less than 10 shall not be less than 36 inches (914 mm) in width.~~

~~If a person in a wheelchair must make a turn around a corner or an obstruction, the minimum clear width of the accessible route shall be as specified in Section 1138A.1.5.~~

~~**1120A.2 Interior accessible routes over 200 feet.** Interior accessible routes that exceed 200 feet (60 960 mm) in length shall comply with Section 1138A.1.2. See Figure 11A-1L.~~

~~**1120A.3 Changes in elevation.** Interior accessible routes which have changes in elevation shall be transitioned and comply with Sections 1121A or 1122A.~~

~~**Exception:** Doors and thresholds as provided in Section 1126A.~~

NOTE:

Authority Cited: Health and Safety Code Sections 17040, 17050, 17920.9, 17921, 17921.3, 17921.6, 17921.10, 17922, 17922.6, 17922.12, 17927, 17928, 17959.6, 18300, 18552, 18554, 18620, 18630, 18640, 18670, 18690, 18691, 18865, 18871.3, 18871.4, 18873, 18873.1, 18873.2, 18873.3, 18873.4, 18873.5, 18938.3, 18944.11 and 19990; and Government Code Section 12955.1.

Reference: Health and Safety Code Sections 17000 through 17062.5, 17910 through 17995.5, 18200 through 18700, 18860 through 18874, and 19960 through 19997; and Government Code Sections 12955.1 and 12955.1.1.

13A. No Change to Text of Section 1121A.

**SECTION 1121A
CHANGES IN LEVEL ON ACCESSIBLE ROUTES**

1121A.1 Changes in level not exceeding 1/2 inch. ... (No change to text)

1121A.2 Changes greater than 1/2 inch. ... (No change to text)

14.HCD proposes to amend Section 1122A “Interior Ramps and Landings on Accessible Routes”, as follows:

SECTION 1122A INTERIOR RAMP AND LANDINGS ON ACCESSIBLE ROUTES

1122A.1 Width. *The clear width of ramps shall be consistent with the requirements for exits in Chapter 10 of this code, but in no case shall ~~the ramp width~~ be less than the following: 48 inches (1219 mm).*

Handrails may project into the required clear width of the ramp at each side 3 1/2 inches (89 mm) maximum at the handrail height. Curbs, wheel guides and/or appurtenances shall not project into the required clear width of ramps.

- 1. ~~Ramps serving accessible entrances to covered multifamily 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).~~*
- 2. ~~Ramps serving accessible entrances of covered multifamily dwellings with an occupant load of 10 or less may be 36 inches (914 mm) in clear width.~~*
- 3. ~~All other ramps shall have a minimum clear width of 48 inches (1219 mm).~~*
- 4. ~~Handrails, curbs, wheel guides and/or appurtenances shall not project into the required clear width of a ramp.~~*

Exception: *The clear width of ramps serving accessible entrances to covered multifamily dwellings with an occupant load of 10 or less may be 36 inches (914 mm) minimum between handrails.*

Note: See Section 1122A.5.2.4 for handrail projections.

1122A.2 Slope. *The maximum slope of ramps on an accessible route shall be no greater than 1 unit vertical in 12 units horizontal (8.33-percent slope).*

1122A.2.1 Cross slope. *The cross slope of ramp surfaces shall ~~not exceed 1/4 inch (6.35 mm) per foot~~ be no greater than 1 unit vertical in 48 units horizontal (2.083-percent slope).*

1122A.3 Landings. *Ramp landings shall be level and comply with this section. (See Figure 11A-6C).*

1122A.3.1 Location of landings. ... (No change to text)

1122A.3.2 Size of top landings. ... (No change to text)

1122A.3.3 ~~Landing width~~ Size of bottom and intermediate landings. *The minimum width of bottom and intermediate landings shall not be less than the width of the ramp.*

Intermediate landings shall have a length in the direction of ramp run of not less than 60 inches (1524 mm).

Bottom landings shall have a length in the direction of ramp run of not less than 72 inches (1829 mm).

1122A.3.4 Encroachment of doors. ... (No change to text)

1122A.3.5 Strike edge extension. *The width of the landing shall comply with Section 1126A.3 for strike edge extension and maneuvering ~~space~~ clearance at doors.*

Where doorways are located adjacent to a ramp landing, maneuvering clearance required by Section 1126A.3 shall be permitted to overlap the required landing area.

1122A.3.6 Change of direction. *Intermediate landings at a change of direction shall be sized to provide 60 inches turning space complying with Section 1138A.1.3. Intermediate ~~and bottom~~ landings at a change of direction in excess of 30 degrees shall have a length in the direction of ramp run of not less than 72 inches (1829 mm). (See Figures 11A-6C and 11A-6D).*

1122A.3.7 Other intermediate landings. *~~Other intermediate landings shall have a dimension in the direction of ramp run of not less than 60 inches (1524 mm). (See Figure 11A-6C).~~*

1122A.4 Ramp height. ... (No change to text)

1122A.5 Ramp handrails.

1122A.5.1 Where required. Handrails shall be provided at each side of ramps when the slope exceeds 1 unit vertical in 20 units horizontal (5-percent slope). ~~Handrails on all ramps shall be continuous.~~

Exceptions:

1. Curb ramps.
2. Ramps that serve an individual dwelling unit may have one handrail, except that ramps open on one or both sides shall have handrails provided on the open side or sides.

1122A.5.2 Handrail configuration.

1122A.5.2.1 Handrail heights. ... (No change to text)

~~1122A.5.2.2 Handrail ends.~~ ~~Handrail ends shall be returned.~~ **Handrail continuity.** Handrails on all ramps shall be continuous within the full length of each ramp run. Inside handrails on switchback or dogleg ramps shall be continuous between ramp runs.

1122A.5.2.3 Handrail extensions. Handrails shall extend a minimum of 12 inches (305 mm) horizontally above landings, beyond the top and bottom of the ramp runs. Extensions shall return to a wall, guard, or the walking surface, or shall be continuous to the handrail of an adjacent ramp run. ~~Where the extension creates a hazard, the termination of the extension shall be rounded or returned smoothly to floor, wall or post.~~ Handrail extensions shall be in the same direction as the ramp runs. (See Figure 11A-5A).

1122A.5.2.4 Handrail projections. Handrails projecting from a wall shall have a space of 1½ inches (38.1 mm) minimum between the wall and the handrail. ~~Handrails shall not reduce the required minimum clear width of ramps.~~

Handrails may be located in a recess if the recess is a maximum of 3 inches (76.2 mm) deep and extends at least 18 inches (457 mm) above the top of the rail. Any wall or other surface adjacent to the handrail shall be free of sharp or abrasive elements. (See Figure 11A-6B).

~~1122A.5.2.5 Handrail grips.~~ ~~The handgrip portion of handrails shall not be less than 1¼ inches (31.75 mm) nor more than 2 inches (50.8 mm) in cross-sectional dimension or the shape shall provide an equivalent gripping surface.~~

~~The handgrip portion of handrails shall have a smooth surface with no sharp corners. Edges shall have a minimum radius of 1/8 inch (3.17 mm). Handrails shall not rotate within their fittings. (See Figure 11A-6B).~~

~~**Note:** For public use areas, public accommodations, and public housing, see Chapter 11B for provisions of the Division of the State Architect - Access Compliance (DSA-AC).~~

1122A.5.2.5 Handrail gripping surfaces. Handrail gripping surfaces shall be continuous along their length, and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20 percent of their length. When provided, horizontal projections shall occur 1½ inches (38 mm) minimum below the bottom of the handrail gripping surface. The distance between horizontal projections and the bottom of the gripping surface shall be permitted to be reduced by ½ inch (3.2 mm) for each ½ inch (12.7 mm) of additional handrail perimeter dimension that exceeds 4 inches (102 mm). Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements, and shall have rounded edges.

Exception: Where handrails are provided along walking surfaces with slopes not steeper than 1 unit vertical in 20 units horizontal, the bottoms of handrail gripping surfaces shall be permitted to be obstructed along their entire length where they are integral to crash rails or bumper guards.

1122A.5.2.6 Cross section. Handrail gripping surfaces shall comply with this section, or the shape shall provide equivalent gripping surface.

1. Circular cross section. The handrail gripping surfaces with a circular cross section shall not be less than 1¼ inches (31.75 mm) nor more than 2 inches (50.8 mm) in cross-sectional dimension.

2. Non-circular cross section. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4 inches (102 mm) minimum and 6¾ inches (159 mm) maximum, and a cross-section dimension of 2 ¼ inches (57 mm) maximum.

1122A.5.2.7 Fittings. Handrails shall not rotate within their fittings.

1122A.6 Edge protection. ... (No change to text)

NOTE:

Authority Cited: Health and Safety Code Sections 17040, 17050, 17920.9, 17921, 17921.3, 17921.6, 17921.10, 17922, 17922.6, 17922.12, 17927, 17928, 17959.6, 18300, 18552, 18554, 18620, 18630, 18640, 18670, 18690, 18691, 18865, 18871.3, 18871.4, 18873, 18873.1, 18873.2, 18873.3, 18873.4, 18873.5, 18938.3, 18944.11 and 19990; and Government Code Section 12955.1.

Reference: Health and Safety Code Sections 17000 through 17062.5, 17910 through 17995.5, 18200 through 18700, 18860 through 18874, and 19960 through 19997; and Government Code Sections 12955.1 and 12955.1.1.

15. HCD proposes to amend Section 1123A “Interior Stairways”, as follows:

**SECTION 1123A
INTERIOR STAIRWAYS**

1123A.1. General. Interior stairways serving buildings containing covered multifamily dwelling units shall comply with this section.

1123A.2 Open risers. ... (No change to text)

1123A.3 Treads. All tread surfaces shall be stable, firm and slip resistant, and shall comply with Section 1119A.2. Treads shall have smooth, rounded or chamfered exposed edges, and no abrupt edges at the nosing (lower front edge).

1123A.4 Nosing. ... (No change to text)

1123A.5 Striping for the visually impaired. Interior stairs shall have the upper approach and lower tread marked by a stripe providing clear visual contrast.

Exception: Stairways within an individual dwelling unit.

The stripe shall be a minimum of 2 inches (50.8 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 upper approach. The stripe shall extend the full width of the step or upper approach and shall be of material that is at least as slip resistant as the other treads of the stair. A painted stripe shall be acceptable. Grooves shall not be used to satisfy this requirement.

Exception: Striping is not required for stairways within individual dwelling units.

1123A.6 Interior stairway handrails.

1123A.6.1 Where required. ... (No change to text)

1123A.6.2 Handrail configuration.

1123A.6.2.1 Handrail heights. ... (No change to text)

1123A.6.2.2 Handrail ends. ~~Ends shall be returned or shall terminate in newel posts or safety terminals.~~

1123A.6.2.2. Handrail continuity. Handrails on all stairways shall be continuous within the full length of each stair flight. Inside handrails on switchback or dogleg stairs shall be continuous between stair flights.

1123A.6.2.3 Handrail extensions. ~~Handrails shall extend a minimum of 12 inches (305 mm) beyond the top nosing and 12 inches (305 mm), plus the tread width, beyond the bottom nosing.~~

~~Where the extension creates a hazard, the termination of the extension shall be rounded or returned smoothly to floor, wall or post. Where the stairs are continuous from landing to landing, the inner rail shall be continuous and need not extend out into the landing. (See Figures 11A-6A and 11A-6E).~~

At the top of stair flights, handrails shall extend a minimum of 12 inches (305 mm) horizontally above landings, beginning directly above the first riser nosing. Extensions shall return to a wall, guard, or the walking surface, or shall be continuous to the handrail of an adjacent stair flight.

At the bottom of stair flights, handrails shall extend at the slope of the stair flight for a distance equal to one tread depth beyond the last riser nosing. Such extension shall continue with 12 inches (305 mm) minimum horizontal extension, shall be continuous to the handrail of an adjacent stair flight, or shall return to a wall, guard, or the walking

1124A.2 Location. ... (No change to text)

1124A.3 Size of cab and control locations.

1124A.3.1 General. ... (No change to text)

1124A.3.2 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 opening doors. (See Figure 11A-7A). Minimum distance from wall to return panel shall not be less than 51 inches (1295 mm).*

The elevator car shall be designed to comply with one of the following:

1. Door centered on the wall. *When the door is centered on the car wall, it shall provide a clear width of 42 inches (1067 mm) minimum, and the clear distance between car side walls shall be 80 inches (2032 mm) minimum. The clear distance between the back wall and the return panel shall be 51 inches (1295 mm) minimum. The clear distance between the back wall and the inside face of the door shall be 54 inches (1372 mm) minimum.*

2. Door not centered on the wall. *When the door is not centered on the car wall, it shall provide a clear width of 36 inches (914 mm) minimum, and the clear distance between car side walls shall be 68 inches (1727 mm) minimum. The clear distance between the back wall and the return panel shall be 51 inches (1295 mm) minimum. The clear distance between the back wall and the inside face of the door shall be 54 inches (1372 mm) minimum.*

3. Door at any location. *An elevator door with 36 inches (914 mm) minimum clear width may be installed at any location if one of the following is met:*

3.1. *The car inside, with the door closed, shall provide a turning clear space at least 60 inches (1524 mm) in diameter to allow for the turning of a wheelchair.*

3.2. *The clear distance between car side walls shall be 54 inches (1372 mm) minimum. The clear distance between the back wall and the return panel shall be 51 inches (1295 mm) minimum. The clear distance between the back wall and the inside face of the door shall be 80 inches (2032 mm) minimum.*

Note: See Table 1124A.3.2 and Figure 11A-7A.

**TABLE 1124A.3.2
ELEVATOR CAR DIMENSIONS**

DOOR LOCATION	MINIMUM DIMENSIONS			
	DOOR CLEAR WIDTH	INSIDE CAR, SIDE TO SIDE	INSIDE CAR, BACK WALL TO FRONT RETURN	INSIDE CAR, BACK WALL TO INSIDE FACE OF DOOR
Centered	42 inches (1067 mm)	80 inches (2032 mm)	51 inches (1295 mm)	54 inches (1372 mm)
Side (off-centered)	36 inches (914 mm) ¹	68 inches (1727 mm)	51 inches (1295 mm)	54 inches (1372 mm)
Any	36 inches (914 mm)	54 inches (1372 mm)	80 inches (2032 mm)	80 inches (2032 mm)
Any	36 inches (914 mm) ²	60 inches (1524 mm) ²	60 inches (1524 mm) ²	60 inches (1524 mm)

1. *A tolerance of minus 5/8 inch (15.9 mm) is permitted.*

2. *Other car configurations that provide a turning space complying with Section 1138A.1.3 with the door closed shall be permitted.*

1124A.3.2.1 Door size. *Elevator doors shall provide a minimum clear width of 36 inches (914 mm).*

1124A.3.3 Car controls.

1124A.3.3.1 Car control location. *Elevator floor buttons shall be within 54 inches (1372 mm) above the finish floor for side approach and 48 inches (1219 mm) for front approach located within one of the reach ranges specified in Section 1138A.3. Except for photoelectric tube bypass switches, emergency controls, including the emergency stop*

and alarm, shall be grouped in or adjacent to the bottom of the panel and shall be no lower than 35 inches (889 mm) from the floor. For multiple controls, only one set ~~must~~ shall comply with these height requirements. Floor buttons shall be provided with visual indicators to show when each call is registered. The visual indicators shall be extinguished when each call is answered. (See Figure 11A-7B).

Note: Where possible, a 48-inch (1219 mm) maximum height for elevator floor buttons is preferred.

1124A.3.3.2 Car control buttons. ... (No change to text)

1124A.3.4 Emergency Communication. Emergency two-way communication systems, complying with ASME A17.1, shall be installed between the elevator and a point outside the hoistway. Emergency two-way communication systems shall comply with the requirements for reach ranges contained in Section 1138A. Raised characters or symbols, and Braille, shall be installed adjacent to the communication device. Raised characters, symbols, and Braille shall comply with Section 1143A. Raised characters and symbols shall be white on a black background.

1124A.3.4.1 Emergency telephone. When an emergency telephone system is installed, ~~The~~ the emergency telephone handset shall be positioned no higher than 48 inches (1219 mm) above the floor, and the handset cord shall be a minimum of 29 inches (737 mm) in length. If the telephone system is located in a closed compartment, the compartment door hardware shall conform to the provisions of Section 1138A.4.4. Emergency intercommunication shall not require voice communication.

1124A.4 Hall call buttons. Call operation buttons and keypads shall be centered ~~42 inches (1067 mm)~~ above the floor located within one of the reach ranges specified in Section 1138A.3, measured to the centerline of the highest operable part. Buttons shall have square shoulders, shall be a minimum of 3/4-inch (19.1 mm) in size, and shall be raised 1/8-inch (3.2 mm) plus or minus 1/32-inch (0.8 mm) above the surrounding surface. The button designating the "Up" direction shall be on top. A clear floor or ground space complying with Section 1138A.1.4 shall be provided at call controls.

Visual indication shall be provided to show each call registered and extinguished when answered. Objects adjacent to, and below, hall call buttons shall not project more than 4 inches (101.6 mm) from the wall. Hall call buttons shall be internally illuminated with a white light over the entire surface of the button.

1124A.5 Minimum illumination. ... (No change to text)

1124A.6 Hall lantern. A visual and audible signal shall be provided at each hoistway entrance indicating to the prospective passenger the car answering the call and its direction of travel as follows:

1. The visual signal for each direction shall be a minimum of 2 1/2 inches (63.5 mm) high by 2 1/2 inches (63.5 mm) wide, and visible from the proximity of the hall call button.
2. The audible signal shall sound once for the "up" direction and twice for the "down" direction or of a configuration which distinguishes between up and down elevator travel. Audible signals shall have a frequency of 1500 Hz maximum. Verbal annunciators shall have a frequency of 300 Hz minimum and 3000 Hz maximum. The audible signal and verbal annunciator shall be 10 dB minimum above ambient, but shall not exceed 80 dB, measured at the hall call button.
3. The center line of the fixture shall be located a minimum of 6 feet (1829 mm) in height ~~from the lobby~~ above the finish floor.
4. The use of in-car lanterns, located in or on the car doorjamb, visible from the proximity of the hall call buttons and conforming to the above requirements of this section, ~~or will~~ be acceptable.

Note: The use of arrow shapes is preferred for visible signals.

1124A.7 Door delay

1124A.7.1 Hall call. The minimum acceptable time from notification that a car is answering a call (lantern and audible signal) until the doors of the car start to close shall be calculated by the following equations, but shall be no less than 5 seconds:

$$T = D / (1.5 \text{ ft/s}) \text{ or } T = D / (445 \text{ mm/s})$$

Where T is the total time in seconds and D is the distance from a point in the lobby or landing area 60 inches (1524 mm) directly in front of the farthest call button controlling that car to the centerline of its hoistway door (see Figure 11A-7D). For cars with in-car lanterns, T begins when the lantern is visible from the vicinity of hall call buttons and an audible signal is sounded.

1124A.7.2 Door delay for car calls. ... (No change to text)

1124A.8 Doorjamb marking. *The floor level at all elevator hoistway entrances shall be designated by raised characters provided on both jambs. Characters shall be 2 inches (50.8 mm) in height located ~~with the centerline 60 inches (1524 mm) from the floor, 48 inches (1219 mm) minimum above the finish floor, measured from the baseline of the lowest Braille cells, and 60 inches (1524 mm) maximum above the finish floor, measured from the baseline of the highest line of raised characters.~~*

On the main entry level, a raised five-pointed star shall be placed to the left of the raised character. The outside diameter of the star shall be 2 inches (50.8 mm) and all points shall be of equal length. The raised characters and the star shall be white on a black background. Contracted Grade 2 Braille, conforming to Section 1143A.7, shall be placed below the corresponding raised characters and the star. The Braille translation for the star shall state "MAIN". The raised characters shall comply with Section 1143A.6. (See Figure 11A-7C).

1124A.9 Door protective and reopening devices. ... (No change to text)

1124A.10 Operation and leveling. ... (No change to text)

1124A.11 Platform (wheelchair) lifts.

1124A.11.1 General. *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, the Department of Industrial Relations, Division of Occupational Safety and Health (Title 8 "Elevator Safety Orders"). California Code of Regulations, Title 8 (Elevator Safety Orders), and any applicable safety regulations of other administrative authorities having jurisdiction.~~*

If lifts are provided, they shall be designed and constructed to facilitate unassisted entry, operation and exit from the lift, and shall comply with restrictions and enhancements of this section in conjunction with Title 8 of the California Code of Regulations.

1124A.11.2 Size and clear floor space. ... (No change to text)

1124A.11.3 Lift access. ... (No change to text)

1124A.11.4 Standby power. ... (No change to text)

1124A.11.5 Openness. ... (No change to text)

1124A.11.6 Doors and gates. ... (No change to text)

1124A.11.7 Restriction sign. *A sign complying with Section 1143A shall be securely fastened in a conspicuous place at each landing and on the platform. The sign shall state "No Freight" in letters not less than 5/8 inch (16 mm) high and include the "International Symbol of Accessibility".*

NOTE:

Authority Cited: Health and Safety Code Sections 17040, 17050, 17920.9, 17921, 17921.3, 17921.6, 17921.10, 17922, 17922.6, 17922.12, 17927, 17928, 17959.6, 18300, 18552, 18554, 18620, 18630, 18640, 18670, 18690, 18691, 18865, 18871.3, 18871.4, 18873, 18873.1, 18873.2, 18873.3, 18873.4, 18873.5, 18938.3, 18944.11 and 19990; and Government Code Section 12955.1.

Reference: Health and Safety Code Sections 17000 through 17062.5, 17910 through 17995.5, 18200 through 18700, 18860 through 18874, and 19960 through 19997; and Government Code Sections 12955.1 and 12955.1.1.

17. HCD proposes to amend Section 1125A "Hazards on Accessible Routes", as follows:

**SECTION 1125A
HAZARDS ON ACCESSIBLE ROUTES**

1125A.1 Warning curbs. ... (No change to text)

1125A.2 Headroom clearance. Walks, halls, corridors, passageways, aisles, pedestrian ways and other circulation spaces which are part of the required egress system shall have a minimum clear headroom as required in Section 1003.2. Other walks, pedestrian ways and circulation spaces shall have a minimum clear headroom of 80 inches (2032 mm). If the vertical clearance of an area adjoining an accessible route is reduced to less than 80 inches (2032 mm) ~~nominal dimension~~, a guardrail or other barrier having its leading edge at or below 27 inches (686 mm) above the finished floor shall be provided.

Exception: Doorways and archways less than 24 inches (610 mm) in depth may have a minimum clear headroom of 80 inches (2032 mm) ~~nominal~~. (See Section 1126A for door requirements.)

1125A.3 Overhanging obstructions. Any obstruction that overhangs a pedestrian way shall be a minimum of 80 inches (2032 mm) above the walking surface as measured from the bottom of the obstruction. (See Figure 11A-1B). Where a guy support is used parallel to a path of travel, including, but not limited to, sidewalks, a guy brace, sidewalk guy or similar device shall be used to prevent an overhanging obstruction (see Section 1125A.2 for required headroom clearance).

Exception: Door closers and door stops shall be permitted to be 78 inches (1981 mm) minimum above the finish floor or ground.

1125A.4 Free-standing signs. ... (No change to text)

NOTE:

Authority Cited: Health and Safety Code Sections 17040, 17050, 17920.9, 17921, 17921.3, 17921.6, 17921.10, 17922, 17922.6, 17922.12, 17927, 17928, 17959.6, 18300, 18552, 18554, 18620, 18630, 18640, 18670, 18690, 18691, 18865, 18871.3, 18871.4, 18873, 18873.1, 18873.2, 18873.3, 18873.4, 18873.5, 18938.3, 18944.11 and 19990; and Government Code Section 12955.1.

Reference: Health and Safety Code Sections 17000 through 17062.5, 17910 through 17995.5, 18200 through 18700, 18860 through 18874, and 19960 through 19997; and Government Code Sections 12955.1 and 12955.1.1.

18. HCD proposes to amend Section 1126A “Doors and Windows”, as follows:

SECTION 1126A DOORS, GATES AND WINDOWS

1126A.1 Width and height of doors and gates. Doorways which provide access to common use areas or covered multifamily dwellings shall comply with the following:

1. Permit the installation of a door or gate not less than 36 inches (914 mm) in width, not less than 80 inches (2032 mm) in height and provide a clear ~~width~~ opening of not less than 32 inches (813 mm), measured with the door positioned at an angle of 90 degrees from its closed position.
2. ~~Be~~ Doors or gates shall be capable of opening at least 90 degrees.
3. A pair of doors or gates, manual or automatic, ~~must shall~~ have at least one leaf which provides a clear width of not less than 32 inches (813 mm), measured with the door or gate positioned at an angle of 90 degrees from its closed position.
4. The width of any component in the egress system shall not be less than the minimum width required by Section 1005.
5. Revolving doors or gates shall not be used as required entrances for persons with disabilities, and shall not be part of an accessible route.

1126A.2 Level floor or landing. The floor or landing on each side of an exit door or gate shall be level. (See Chapter 10).

1126A.2.1 Thresholds and changes in elevation at doors. The floor or landing shall not be more than 1/2 inch (12.7 mm) lower than the top of the threshold of the doorway. (See Figure 11A-8I).

Changes in level between 1/4 inch (6.35 mm) and 1/2 inch (12.7 mm) shall be beveled with a slope no greater than 1 unit vertical in 2 units horizontal (50 percent slope). Changes in level greater than 1/2 inch (12.7 mm) shall be accomplished by means of a ramp (see Section 1122A).

1126A.3 Maneuvering clearances at doors.

1126A.3.1 General. ~~The level floor or landing of an exit door shall have a length in the direction of the door swing of at least 60 inches (1524 mm) and a length opposite the direction of the door swing of at least 44 inches (1118 mm) measured at right angles to the plane of the door in its closed position. (See Figures 11A-8D, 11A-8E and 11A-8F for maneuvering spaces at sliding doors).~~

~~The minimum maneuvering clearance at doors shall comply with Sections 1126A.3.2, 1126A.3.3, and 1126A.3.4. The floor or landing area within the required maneuvering clearance shall be level and clear. The required length shall be measured at right angles to the plane of the door in its closed position. Maneuvering clearances shall extend the full width of the doorway and the required latch side or hinge side clearances (strike edge maneuvering clearances).~~

1126A.3.2 Strike edge maneuvering space ~~The width of the level area on the side to which the door swings shall extend at least 24 inches (610 mm) past the strike edge of the door for exterior doors and at least 18 inches (457 mm) past the strike edge for interior doors.~~

Note: ~~Twenty-four inches (610 mm) is preferred for strike-side clearance.~~

1126A.3.2 Swinging doors and gates.

1126A.3.2.1 Front approach. The following provisions shall apply to swinging doors or gates with front approach:

1. **Pull side approach.** ~~For pull side approach, the~~ The level floor or landing shall extend in the direction of the door or gate swing at least 60 inches (1524 mm). (See Figure 11A-8A).
2. **Push side approach.** ~~For push side approach, the~~ The level floor or landing shall extend opposite the direction of the door or gate swing at least 48 inches (1219 mm). (See Figure 11A-8A).
3. **Doors and gates with push side approach having both a closer and a latch.** Doors or gates with push side approach having both a closer and a latch shall be provided with a clear and level area extending a minimum of 12 inches (305 mm) past the strike edge on the approach side of the door or gate. (See Figure 11A-8A).
4. **Strike edge maneuvering space.** The width of the level area on the side to which the door or gate swings shall extend at least 24 inches (610 mm) past the strike edge of the door for exterior doors or gates and at least 18 inches (457 mm) past the strike edge for interior doors or gates.

Note: See Section 1132A.5 for maneuvering clearances at primary entry doors and all required exit doors to covered multifamily dwellings.

1126A.3.2.2 Hinge side approach. The following provisions shall apply to swinging doors or gates with hinge side approach:

1. **Pull side approach.** Doors or gates with pull side approach shall be provided with a level floor or landing not less than 60 inches (1524 mm) in depth. A clear and level area shall extend a minimum of 36 inches (914 mm) past the strike edge on the approach side of the door or gate. (See Figure 11A-8B).

Exception: Doors with pull side approach and a level floor or landing greater than 60 inches (1524 mm) in depth shall be provided with a clear and level area at least 24 inches (610 mm) past the strike edge of the door for exterior doors and at least 18 inches (457 mm) past the strike edge for interior doors.

2. **Push side approach.** Doors or gates with push side approach shall have a level floor or landing not less than 44 inches (1118 mm) in depth, and shall be provided with a clear and level area extending a minimum of 54 inches (1372 mm) from the strike edge of the door or gate jamb past the hinge side of the door or gate. Doors or gates with a latch and closer shall have a level floor or landing not less than 48 inches (1219 mm) depth at the push side of the door or gate. (See Figure 11A-8B).

1126A.3.2.3 Latch side approach. The following provisions shall apply to swinging doors or gates with latch side approach:

1. **Pull side approach.** Doors or gates with pull side approach shall have a level floor or landing not less than 60 inches (1524 mm) in depth, and shall be provided with a clear and level area extending a minimum of 24 inches (610 mm) past the strike edge on the approach side of the door or gate. (See Figure 11A-8C).

Exception: Doors serving individual covered multifamily dwelling units shall have a minimum landing depth of 44 inches (1118 mm) except that doors with a closer shall have a minimum landing depth of 54 inches (1372 mm).

2. **Push side approach.** Doors or gates with push side approach shall have a level floor or landing not less than 44 inches (1118 mm) in depth, and shall be provided with a clear and level area extending a minimum of 24 inches (610 mm) past the strike edge on the approach side of the door or gate. Doors or gates with a closer shall have a level floor or landing not less than 48 inches (1219 mm) depth at the push side of the door or gate. (See Figure 11A-8C).

1126A.3.3 Space between consecutive doors and/or gates. The minimum space between two hinged or pivoted doors or gates in series, serving other than a required exit stairway, shall provide a minimum of 48 inches (1219 mm) plus the width of the door or gate swinging into the space. Doors or gates in a series shall swing either in the same direction or away from the space between the doors or gates. (See Figure 11A-8G, and 11A-8H).

Where the door or gate opens into a stair or smokeproof enclosure, the landing need not have a minimum length of 60 inches (1524 mm). (See Figure 11A-8H).

1126A.3.4 Doorways without doors or gates, sliding doors, and folding doors. Doorways less than 36 inches (914 mm) wide without doors or gates, sliding doors, or folding doors shall have maneuvering clearances complying with this section.

1126A.3.4.1 Front approach. The level floor or landing shall extend at least 48 inches (1219 mm) on each side, perpendicular to the doorway. Strike edge maneuvering clearance for front approach is not required. (See Figure 11A-8D).

1126A.3.4.2. Side approach. Doorways without doors or gates, and side approach, shall be provided with level floor or landing extending 42 inches (1067 mm) minimum on each side, perpendicular to the doorway. Strike edge maneuvering clearance is not required.

1126A.3.4.3 Pocket/ hinge side approach. Doors with pocket or hinge approach shall be provided with a level floor or landing not less than 42 inches (1067 mm) in depth. The level floor or landing shall extend a minimum of 22 inches (559 mm) beyond the pocket/hinge side. (See Figure 11A-8E).

1126A.3.4.4 Stop/latch side approach. Doors or gates with stop or latch approach shall have a level floor or landing not less than 42 inches (1067 mm) in depth. The level floor or landing shall extend a minimum of 24 inches (610 mm) beyond the stop/latch side. (See Figure 11A-8F).

1126A.3.4.5 Recessed doors or gates. Maneuvering clearances for forward approach shall be provided when any obstruction within 18 inches (457 mm) of the latch side of an interior doorway, or within 24 inches (610 mm) of the latch side of an exterior doorway, projects more than 8 inches (203 mm) beyond the face of the door, measured perpendicular to the face of the door or gate.

1126A.4 Closer-effort to operate doors or gates. Maximum effort to operate doors or gates shall not exceed 8½ pounds (38 N) for exterior doors or gates and 5 pounds (22 N) for interior doors or gates, such pull or push effort being applied at right angles to hinged doors or gates and at the center plane of sliding or folding doors. Compensating devices or automatic door or gate operators may be utilized to meet these standards. When fire doors are required, the maximum effort to operate the door may be increased to the minimum allowable by the appropriate enforcement agency, not to exceed 15 pounds (66.7 N).

1126A.4.1 Door or gate closer. If the door has a closer, then the sweep period of the closer shall be adjusted so that from an open position of 70 degrees, the door will take at least 3 seconds to move to a point 3 inches (75 mm) from the latch, measured to the landing edge of the door.

If a door or gate has a closer, the sweep period of the closer shall be adjusted so that from an open position of 90 degrees, the door will take 5 seconds minimum to move to a position of 12 degrees from the latch.

1126A.4.2 Spring hinges. Spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.

1126A.5 Type of latch or latch and lock. The type of latch and lock required for all doors or gates shall be in accordance with Section 1126A.6 and Chapter 10, Section 1008.

1126A.6 Hand-activated door or gate hardware. *Hand-activated door or gate latching, locking and opening hardware shall be centered between 30 inches (762 mm) and 44 inches (1118 mm) above the floor. Latching and locking doors or gates that are hand-activated and on an accessible route shall be operable with a single effort by lever type hardware, panic bars, push-pull activating bars or other hardware designed to provide passage without requiring the ability to grasp the opening hardware. Locked exit doors or gates shall operate consistent with Section 1126A.4, in the direction of egress. When sliding doors are in the fully open position, operating hardware shall be exposed and usable from both sides.*

Exception: *Access doors or gates in barrier walls and fences protecting pools, spas, and hot tubs shall be permitted to have operable parts of the release of latch on self-latching devices at 54 inches (1372 mm) maximum above the finish floor or ground provided the self-latching devices are not also self-locking devices operated by means of a key, electronic opener, or integral combination lock.*

1126A.6.1 Lever type hardware. *The lever or lever of actuated latches or locks shall be curved with a return to within 1/2 inch (12.7 mm) of the door or gate to prevent catching on the clothing of persons during egress.*

Exception: *Group R and U Occupancies with an occupant load of 10 or less.*

1126A.7 Smooth surface. *The bottom 10 inches (254 mm) of all doors and/or gates shall have a smooth, uninterrupted surface to allow the door or gate to be opened by a wheelchair footrest without creating a trap or hazardous condition. Where narrow frame doors are used, a 10-inch (254 mm) high smooth panel shall be installed on the push side of the door, which will allow the door to be opened by a wheelchair footrest without creating a trap or hazardous condition.*

Swinging doors and/or gate surfaces within 10 inches (254 mm) of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch (1.6 mm) of the same plane as the other and be free of sharp or abrasive edges. Cavities created by added kick plates shall be capped.

Exceptions:

- 1. Automatic and sliding doors or gates.*
- 2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal.*
- 3. Doors or gates that do not extend to within 10 inches (254 mm) of the finish floor or ground.*

1126A.8 Windows. *Where glazed openings are provided in accessible rooms or spaces for operation by occupants, at least one opening shall comply with Section 1138A.4.*

Each glazed opening required by the enforcing agency to be operable shall comply with Section 1138A.4.

NOTE:

Authority Cited: Health and Safety Code Sections 17040, 17050, 17920.9, 17921, 17921.3, 17921.6, 17921.10, 17922, 17922.6, 17922.12, 17927, 17928, 17959.6, 18300, 18552, 18554, 18620, 18630, 18640, 18670, 18690, 18691, 18865, 18871.3, 18871.4, 18873, 18873.1, 18873.2, 18873.3, 18873.4, 18873.5, 18938.3, 18944.11 and 19990; and Government Code Section 12955.1.

Reference: Health and Safety Code Sections 17000 through 17062.5, 17910 through 17995.5, 18200 through 18700, 18860 through 18874, and 19960 through 19997; and Government Code Sections 12955.1 and 12955.1.1.

19. HCD proposes to amend Section 1127A “Common Use Facilities”, as follows:

SECTION 1127A COMMON USE FACILITIES

Note: *For public use facilities, see Chapter 11B of this code.*

1127A.1 General. ... (No change to text)

1127A.2 Toilet facilities. ... (No change to text)

1127A.2.1 Multiple-accommodation toilet facilities. *Multiple-accommodation toilet facilities shall have the following:*

Note: (See Figures 11A-9A and 11A-9B).

1. **Wheelchair turning space.** Turning space of sufficient size to inscribe a circle with a diameter not less than 60 inches (1524 mm) or a T-shaped space shall be provided within the toilet facility. The wheelchair turning space shall comply with Section 1138A.1.3. Other than the door to the accessible water closet compartment, a door, in any position, may encroach into this space by not more than 12 inches (305 mm).
2. **Clear space at fixtures.** Doors shall not swing into the clear floor space required for any fixture. Required clear floor space, clearance at fixtures, and turning space shall be permitted to overlap.
3. **Accessible water closet compartment.** Accessible water closet compartments shall be 60 inches (1524 mm) wide minimum measured perpendicular to the side wall, 56 inches (1422 mm) deep minimum for wall hung water closets and 59 inches (1499 mm) deep minimum for floor mounted water closets measured perpendicular to the rear wall. (See Figure 11A-9A (c)).

Water closet fixtures located in accessible water closet compartments shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 17 inches (406 mm) minimum to 18 inches (457 mm) maximum from the side wall or partition.

In ambulatory accessible toilet compartments specified in Item 6 of this section, the water closet shall be 17 inches (432 mm) minimum and 19 inches (483 mm) maximum from the side wall or partition. (See Figure 11A-9A (d)).

Clearance around a water closet shall be 60 inches (1524 mm) minimum measured perpendicular from the side wall and 56 inches (1422 mm) minimum measured perpendicular from the rear wall. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance.

A minimum 48 inches (1219 mm) deep and 60 inches (1524 mm) wide clear maneuvering space shall be provided in front of the water closet if the compartment has an end-opening door (facing the water closet). A minimum 60 inches (1524 mm) deep and 60 inches (1524 mm) wide clear maneuvering space shall be provided in a compartment with the door located at the side. See Figure 11A-9A.

4. **Grab bars.** Grab bars shall be provided on the side wall closest to the water closet and on the rear wall. Grab bars shall comply with this section and Section 1127A.4.

The side wall grab bar shall be 42 inches (1067 mm) long minimum, located 12 inches (305 mm) maximum from the rear wall and extend 54 inches (1372 mm) minimum from the rear wall. The front end of the side grab bar shall be positioned 24 inches (610 mm) minimum in front of the water closet.

The rear wall grab bar shall be 36 inches (914 mm) long minimum and extend from the centerline of the water closet 12 inches (305 mm) minimum on one side and 24 inches (610 mm) minimum on the other side.

Exceptions:

1. The rear grab bar shall be permitted to be 24 inches (610 mm) long minimum, centered on the water closet, when wall space does not permit a length of 36 inches (914 mm) minimum due to the location of a recessed fixture adjacent to the water closet.
2. When the enforcing agency requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.

5. **Compartment doors.** Compartment doors shall comply with Section 1126A and the following:

5.1. The water closet compartment shall be equipped with a door that has an automatic-closing device, and shall have a clear, unobstructed opening width of 32 inches (813 mm) when located at the end and 34 inches (864 mm) when located at the side with the door positioned at an angle of 90 degrees from its closed position.

5.2. When standard compartment doors are used, with a minimum 9-inch (228.6 mm) clearance for footrests underneath and a self-closing device, clearance at the strike edge as specified in Section 1126A.3.2 is not required.

5.3. 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.

5.4. 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, and the space immediately in front of a water closet compartment shall not be less than 48 inches (1219 mm) as measured at right angles to compartment door in its closed position.

5.5. Doors shall be located in the front or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (102 mm) maximum from the side wall or partition. Where located in the side wall or partition, the door opening shall be 4 inches (102 mm) maximum from the front wall or partition.

6. **Ambulatory accessible compartments.** When six or more toilet compartments are provided within a multiple-accommodation toilet room, or when the combination of urinals and water closets totals six or more fixtures, at least one compartment shall comply with Section 1127A.2.1, Items 2 and 3. At least one additional ambulatory compartment shall have a depth of 60 inches (1524 mm) minimum, and a width of 35 inches (890 mm) minimum and 37 inches (940 mm) maximum.

The ambulatory accessible compartment shall have a self-closing door, which shall not swing into the minimum required compartment area. Grab bars, complying with Sections 1127A.4.2, 1127A.4.3, 1127A.4.4 and 1127A.4.5, shall be installed on each compartment side wall. (See Figure 11A-9A (d)).

1127A.2.2 Single-accommodation toilet facilities. ... (No change to text)

1127A.2.3 Water closets. ... (No change to text)

1127A.2.4 Accessible urinals. ... (No change to text)

1127A.3 Accessible lavatories. When common use lavatories are provided for residents or guests, at least one, and not less than 1 percent of all lavatories, shall comply with the following:

1. **Location.** Lavatories shall be installed with the centerline of the fixture a minimum of 18 inches (457 mm) horizontally from an adjoining wall, partition or fixture. The top of the fixture rim shall be a maximum of 34 inches (864 mm) above the finished floor.
2. **Floor space.** A clear floor space at least 30 inches by 48 inches (762 mm by 1219 mm) shall be provided in front of accessible lavatories to allow forward approach. Such clear floor space shall adjoin or overlap an accessible route or another clear floor space.
3. **Knee and toe space.** A clear and unobstructed knee and toe space, complying with Section 1138A.2, shall be provided underneath the lavatory. The knee and toe space shall be centered on the fixture. The clear floor space required by Item 2 shall not extend into the knee and toe space more than 19 inches (483 mm). (See Figure 11A-9D).
4. **Finished floor.** The finished floor beneath the lavatory shall be extended to the wall.
5. **Plumbing protection.** Water supply and drain pipes accessible under lavatories shall be insulated or otherwise covered to protect against contact. There shall be no sharp or abrasive surfaces under lavatories.
6. **Lavatory faucet controls.** Faucet controls and operation 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 no greater than 5 pounds (22.2N). Lever operated, push type and electronically controlled mechanisms are examples of acceptable designs. Hand-operated metering faucets are allowed if the faucet remains open for at least 10 seconds.

1127A.4 Grab bars, tub and shower seats, fasteners and mounting devices. ... (No change to text)

1127A.4.1 General. ... (No change to text)

1127A.4.2 Location. ... (No change to text)

1127A.4.3 Diameter or width. ... (No change to text)

1127A.4.4 Structural strength. ... (No change to text)

1127A.4.5 Surface. ... (No change to text)

1127A.4.6 Spacing. ... (No change to text)

1127A.5 Bathing facilities. ... (No change to text)

1127A.5.1 General. ... (No change to text)

1127A.5.2 Bathtubs. ... (No change to text)

1127A.5.2.1 Floor space. ... (No change to text)

1127A.5.2.2 Seat. ... (No change to text)

1127A.5.2.3 Grab bars. ... (No change to text)

1127A.5.2.4 Controls. ... (No change to text)

1127A.5.2.5 Shower spray unit. ... (No change to text)

1127A.5.2.6 Bathtub enclosures. ... (No change to text)

1127A.5.3 Shower compartments. ... (No change to text)

1127A.5.3.1 Size and clearance. ... (No change to text)

1127A.5.3.2 Thresholds. ... (No change to text)

1127A.5.3.3 Enclosures. ... (No change to text)

1127A.5.3.4 Floor. ... (No change to text)

1127A.5.3.5 Controls. ... (No change to text)

1127A.5.3.5.1 Standard roll-in shower compartments. ... (No change to text)

1127A.5.3.5.2 Alternate roll-in shower compartments. ... (No change to text)

1127A.5.3.6 Hand-held shower spray unit. ... (No change to text)

1127A.5.3.6.1 Sprayer unit alternative. ... (No change to text)

1127A.5.3.7 Shower compartment seats. ... (No change to text)

1127A.5.3.7.1 Rectangular seats. ... (No change to text)

1127A.5.3.7.2 L-shaped seats. ... (No change to text)

1127A.5.3.8 Grab bars. ... (No change to text)

1127A.5.3.8.1 Standard roll-in shower compartments. ... (No change to text)

1127A.5.3.8.2 Alternate roll-in shower compartments. ... (No change to text)

1127A.5.3.9 Soap dish. ... (No change to text)

1127A.5.3.10 Open showers. ... (No change to text)

1127A.5.3.11 Multiple showers. ... (No change to text)

1127A.6 Lockers. ... (No change to text)

1127A.6.1 General. ... (No change to text)

19A. No Change to Text of Sections 1128A, 1129A and 1130A.

SECTION 1128A COVERED DWELLING UNITS

1128A.1 General. ... (No change to text)

SECTION 1129A RESERVED

SECTION 1130A ACCESSIBLE ROUTE WITHIN COVERED MULTIFAMILY DWELLING UNITS

1130A.1 General. ... (No change to text)

1130A.2 Width. ... (No change to text)

20. HCD proposes to amend Section 1131A “Changes in Level on Accessible Routes”, as follows:

SECTION 1131A CHANGES IN LEVEL ON ACCESSIBLE ROUTES

1131A.1 Changes in level not exceeding ½ inch. ... (No change to text)

1131A.2 Changes greater than ½ inch. *Changes in level greater than ½ inch (12.7 mm) shall be made by means of a sloped surface not greater than 1 unit vertical in 20 units horizontal (5-percent slope), or a ramp, elevator or platform (wheelchair) lift. See Section 1122A for ramps and Section 1124A.11 for platform (wheelchair) lifts.*

NOTE:

Authority Cited: Health and Safety Code Sections 17040, 17050, 17920.9, 17921, 17921.3, 17921.6, 17921.10, 17922, 17922.6, 17922.12, 17927, 17928, 17959.6, 18300, 18552, 18554, 18620, 18630, 18640, 18670, 18690, 18691, 18865, 18871.3, 18871.4, 18873, 18873.1, 18873.2, 18873.3, 18873.4, 18873.5, 18938.3, 18944.11 and 19990; and Government Code Section 12955.1.

Reference: Health and Safety Code Sections 17000 through 17062.5, 17910 through 17995.5, 18200 through 18700, 18860 through 18874, and 19960 through 19997; and Government Code Sections 12955.1 and 12955.1.1.

21. HCD proposes to amend Section 1132A “Doors”, as follows:

SECTION 1132A DOORS

1132A.1 Primary entry doors and required exit doors. ... (No change to text)

1132A.2 Interior doors and secondary exterior doors. ... (No change to text)

1132A.3 Width and height of interior doors and secondary exterior doors. *Doors shall comply with the following:*

1. *Doors shall not be less than 6 feet 8 inches (2032 mm) in height.*
2. *Swinging doors shall provide a net clear opening width of not less than 32 inches (813 mm), measured with the door or doors positioned at an angle of 90 degrees from the closed position. A 34-inch (864 mm) door is acceptable.*
3. *Swinging doors shall be capable of opening at least 90 degrees.*
4. *A nominal 32-inch (813 mm) clear opening provided by a standard 6-foot wide (1829 mm) sliding patio door assembly is acceptable.*

5. A pair of doors, manual or automatic, must have at least one leaf which provides a clear width of not less than 32 inches (813 mm), measured with the door positioned at an angle of 90 degrees from its closed position.
6. The width of any component in the means of egress system shall not be less than the minimum width required by Section 1005.

1132A.4 Level floor or landing. ... (No change to text)

1132A.4.1 Thresholds. ... (No change to text)

1132A.5 Maneuvering clearances at doors.

1132A.5.1 General. The floor or landing on the dwelling unit side of the primary entry door and any required exit door shall have a minimum length of not less than 44 inches (1118 mm). Section 1126A.3 shall apply to maneuvering clearances at the side of the door exposed to common or public use spaces.

Maneuvering clearances at interior doors shall provide a minimum length on both sides of the door of at least 42 inches (1067 mm) measured at a right angle to the plane of the door in its closed position.

Exceptions:

1. A 39-inch (991 mm) length is acceptable at interior doors when a minimum clear opening width of 34 inches (864 mm) is provided.
2. ~~The floor or landing on the dwelling unit side of the primary entry door and any required exit door shall have a minimum length of not less than 44 inches (1118 mm). Section 1126A.3 shall apply to maneuvering clearances at the side of the door exposed to common or public use spaces.~~

1132A.5.2 Strike edge maneuvering space at doors. ... (No change to text)

1132A.6 Closer-effort to operate doors. ... (No change to text)

1132A.7 Type of lock or latch. ... (No change to text)

1132A.8 Hand-activated door hardware. ... (No change to text)

1132A.8.1 Lever type hardware. ... (No change to text)

1132A.9 Smooth surface. ~~The bottom 10 inches (254 mm) of all doors shall have a smooth, uninterrupted surface to allow the door to be opened by a wheelchair footrest without creating a trap or hazardous condition. Where narrow frame doors are used, a 10-inch-high (254 mm) smooth panel shall be installed on the push side of the door which will allow the door to be opened by a wheelchair footrest without creating a trap or hazardous condition.~~

Swinging doors and/or gates shall have a smooth surface on the push side, measured 10 inches (254 mm) vertically from the finish floor, and extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch (1.6 mm) of the same plane as the other and be free of sharp or abrasive edges. Cavities created by added kick plates shall be capped.

Exceptions:

1. ~~Automatic and sliding doors.~~
2. Tempered glass doors without stiles and having a bottom rail or shoe with the top leading edge tapered at 60 degrees minimum from the horizontal.
3. Doors or gates that do not extend to within 10 inches (254 mm) of the finish floor.

1132A.10 Door signal devices. ... (No change to text)

NOTE:

Authority Cited: Health and Safety Code Sections 17040, 17050, 17920.9, 17921, 17921.3, 17921.6, 17921.10, 17922, 17922.6, 17922.12, 17927, 17928, 17959.6, 18300, 18552, 18554, 18620, 18630, 18640, 18670, 18690, 18691, 18865, 18871.3, 18871.4, 18873, 18873.1, 18873.2, 18873.3, 18873.4, 18873.5, 18938.3, 18944.11 and 19990; and Government Code Section 12955.1.

Reference: Health and Safety Code Sections 17000 through 17062.5, 17910 through 17995.5, 18200 through 18700, 18860 through 18874, and 19960 through 19997; and Government Code Sections 12955.1 and 12955.1.1.

22. HCD proposes to amend Section 1133A “Kitchens”, as follows:

SECTION 1133A KITCHENS

1133A.1 General. Kitchens shall be on an accessible route and shall comply with this section.

1133A.2 Clear floor space. Clear floor space at kitchens shall comply with the following:

1. A clear floor space at least 30 inches (762 mm) by 48 inches (1219 mm) that allows a parallel approach by a person in a wheelchair shall be provided at the range or cooktop.
2. A clear floor space at least 30 inches (762 mm) by 48 inches (1219 mm) that allows either a parallel or a forward approach shall be provided at the kitchen sink and all other fixtures or appliances including the oven, dishwasher, refrigerator/freezer and trash compactor.
3. A clear floor space at least 30 inches (762 mm) by 48 inches (1219 mm) that allows either a parallel or a forward approach shall be provided at the work surface required by Section 1133A.4.
- 3 4. The centerline of the 30-inch (762 mm) by 48-inch (1219 mm) clear floor space provided for parallel or forward approach shall be aligned with the centerline of the work space, appliance or fixture. (See Figure 11A-10A).

1133A.2.1 Clear width. ... (No change to text)

1133A.3 Removable base cabinets.

~~Base cabinets directly under the kitchen sink counter area, including toeboard and shelving, shall be removable without the use of specialized tools or specialized knowledge in order to provide knee and toe space for a wheelchair. The finish floor beneath the kitchen sink counter area shall be extended to the wall.~~

Sinks and work surfaces required by Section 1133A.4 (see Item 1 and Item 2) shall be provided with a knee and toe space complying with Section 1133A.7. Base cabinets (including toeboard and shelving) directly under kitchen sinks and work surfaces shall be removable without the use of specialized tools or specialized knowledge in order to provide knee and toe space. The finish floor beneath kitchen sinks and work surfaces shall be extended to the wall.

1133A.4 Countertops. Kitchen countertops shall comply with this section and shall be provided with the following (see Section 1133A.4.1 for repositionable countertop requirements):

1. A minimum linear length of 30 inches (762 mm) of countertop shall be provided for the kitchen sink installation.
2. A minimum linear length of 30 inches (762 mm) of countertop shall be provided for a work surface.
3. ~~The sink Sinks~~ and work surfaces may be a single integral unit a minimum of 60 inches (1524 mm) in length, or be separate components.

Exception: Two 15-inch (381 mm) wide minimum ~~width~~ breadboards may be provided in lieu of the required 30 inches (762 mm) of countertop work surface.

1133A.4.1 Repositionable countertops. Repositionable countertops shall be provided in a minimum of 5 percent of the covered multifamily dwelling units. Repositionable countertops shall comply with the following:

1. ~~The kitchen sink Sinks~~ and work surfaces ~~space~~ required by Section 1133A.4 shall be designed to enable repositioning to a minimum height of 28 inches (711 mm).
2. Base cabinets directly under ~~the kitchen sinks counter area~~ and work surfaces shall be removable as required in Section 1133A.3.
3. The sides of adjacent cabinets and the back wall, which may become exposed to moisture or food handling when a countertop is lowered, shall be constructed of durable, nonabsorbent materials appropriate for such uses.
4. Finished flooring shall be extended to the wall beneath the sink and work surface.

Exceptions:

1. Stone, cultured stone and tiled countertops may be used without meeting the repositioning requirements.
2. Two 15-inch (381 mm) wide minimum ~~width~~ breadboards may be provided in lieu of the required 30 inches (762 mm) of countertop work surface, and used without meeting the repositioning requirements.

1133A.5 Lower shelving. ... (No change to text)

1133A.6 Kitchen sink faucet controls. ... (No change to text)

1133A.7 Knee and toe space. Knee and toe space, when required by Section 1133A, shall comply with Section 1138A.2 and the following:

1. The knee and toe space shall be clear and unobstructed, or removable base cabinets in compliance with Section 1133A.3 shall be provided.
 2. The knee and toe space shall be 30 inches (762 mm) wide minimum, centered on the sink, countertop or appliance.
 - ~~3. The knee space shall be at least 27 inches (686 mm) above the finish floor.~~
 - ~~4. The knee space shall be 11 inches (279 mm) deep minimum at 9 inches (229 mm) above the finish floor, and 8 inches (203 mm) deep minimum at 27 inches (686 mm) above the finish floor, measured from the front edge.~~
 - ~~5. The toe space shall be at least 9 inches (229 mm) above the finish floor.~~
- 6.3. A clear floor space shall not extend into the knee and toe space more than 19 inches (483 mm).

1133A.7.1 Plumbing protection. Water supply and drain pipes under kitchen sinks shall be insulated or otherwise covered to protect against contact. There shall be no sharp or abrasive surfaces under kitchen sinks.

NOTE:

Authority Cited: Health and Safety Code Sections 17040, 17050, 17920.9, 17921, 17921.3, 17921.6, 17921.10, 17922, 17922.6, 17922.12, 17927, 17928, 17959.6, 18300, 18552, 18554, 18620, 18630, 18640, 18670, 18690, 18691, 18865, 18871.3, 18871.4, 18873, 18873.1, 18873.2, 18873.3, 18873.4, 18873.5, 18938.3, 18944.11 and 19990; and Government Code Section 12955.1.

Reference: Health and Safety Code Sections 17000 through 17062.5, 17910 through 17995.5, 18200 through 18700, 18860 through 18874, and 19960 through 19997; and Government Code Sections 12955.1 and 12955.1.1.

23. HCD proposes to amend Section 1134A “Bathing and Toilet Facilities”, as follows:

SECTION 1134A BATHING AND TOILET FACILITIES

1134A.1 General. All bathrooms, bathing and toilet facilities within covered multifamily dwelling units shall comply with this section.

1134A.2 Number of complying bathrooms. ... (No change to text)

1134A.3 Powder rooms. ... (No change to text)

1134A.4 Sufficient maneuvering space. ... (No change to text)

1134A.5 Bathtubs. Bathtubs required to be accessible shall comply with this section.

1. **Floor space.** There shall be a minimum clear floor space 48 inches parallel by 30 inches perpendicular (1219 mm by 762 mm) to the side of a bathtub or bathtub-shower combination (~~measured from the foot or drain end of the bathtub~~) to provide for the maneuvering of a wheelchair and transfer to and from the bathing facilities. The controls shall be on the wall at the foot of the bathtub. The edge of the clear floor space shall be flush with the control wall surface. The area under a lavatory, located at the control end of the tub, may be included in the clear floor space provided the lavatory is 19 inches (483 mm) maximum deep, and the knee and toe space comply with Section 1134A.8. Cabinets under lavatories and toilets shall not encroach into the clear floor space.
2. **Reinforced walls for grab bars.** A bathtub installed without surrounding walls shall provide reinforced areas for the installation of floor-mounted grab bars.

Where a bathtub is installed with surrounding walls, grab bar reinforcement shall be located on each end of the bathtub, 32 inches to 38 inches (813 mm to 965 mm) above the floor, extending a minimum of 24 inches (610 mm) from the front edge of the bathtub toward the back wall of the bathtub. The grab bar reinforcement shall be a minimum of 6 inches (152.4 mm) nominal in height. (See Figure 11A-9G).

Grab bar reinforcement shall be installed on the back wall of the bathtub a maximum of 6 inches (152.4 mm) above the bathtub rim extending upward to at least 38 inches (965 mm) above the floor. Grab bar backing shall be installed horizontally to permit the installation of a 48-inch (1219 mm) grab bar with each end a maximum of 6 inches (152.4 mm) from the end walls of the bathtub. The grab bar reinforcement shall be a minimum of 6 inches (152.4 mm) nominal in height.

3. **Bathtub controls.** Faucet controls and operation 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 no greater than 5 pounds (22.2N). Lever operated, push type and electronically controlled mechanisms are examples of acceptable designs.

4. **Shower unit.** A shower spray unit is not required in bathtubs.
5. **Bathtub enclosures.** Doors and panels of bathtub enclosures shall be substantially constructed from approved, shatter-resistant materials. Hinged doors shall open outward. Glazing used in doors and panels of bathtub enclosures shall be fully tempered, laminated safety glass or approved plastic. When glass is used, it shall have minimum thickness of not less than 1/8 inch (3.17 mm) when fully tempered, or 1/4 inch (6.35 mm) when laminated, and shall pass the test requirements of this part, Chapter 24 Glass and Glazing. Plastics used in doors and panels of bathtub enclosures shall be of a shatter-resistant type.

1134A.6 Showers. ... (No change to text)

1134A.7 Water closets. Water closets in bathrooms or powder rooms required to be accessible shall comply with this section.

1. **Floor space and location.** The minimum floor space provided at a water closet shall be 48 inches (1219 mm) in clear width. The clear floor space shall extend past the front edge of the water closet at least 36 inches (914 mm). See Figure 11A-9M.

Exception: The 48-inch (1219 mm) minimum clear width may be reduced to 36 inches (914 mm) for lavatories, cabinets, wing walls, or privacy walls located immediately adjacent to a water closet which extend no more than 24 inches (610 mm) in depth.

Water closets shall be located within bathrooms in a manner that permits a grab bar to be installed on at least one side of the fixture. The centerline of the water closet shall be 17 inches (406 mm) minimum to 18 inches (457 mm) maximum from a grab bar wall or partition. In locations where water closets are adjacent to non-grab bar walls, vanities, lavatories or bathtubs, the centerline of the fixture shall be a minimum of 18 inches (457 mm) from the obstacle.

2. **Reinforced walls for grab bars.** Where the water closet is not placed adjacent to a side wall capable of accommodating a grab bar, the bathroom shall have provisions for installation of floor-mounted, foldaway or similar alternative grab bars.

Where the water closet is placed adjacent to a side wall, reinforcement shall be installed on both sides or one side and the back. If reinforcement is installed at the back, it shall be installed between 32 inches (813 mm) and 38 inches (965 mm) above the floor. The grab bar reinforcement shall be a minimum of 6 inches (152.4 mm) nominal in height. The backing shall be a minimum of 40 inches (1016 mm) in length.

Reinforcement installed at the side of the water closet shall be installed 32 inches to 38 inches (813 mm to 965 mm) above the floor. The reinforcement shall be installed a maximum of 12 inches (305 mm) from the rear wall and shall extend a minimum of 26 inches (660 mm) in front of the water closet. The grab bar reinforcement shall be a minimum of 6 inches (152.4 mm) nominal in height.

3. **Seat height.** The minimum height of water closet seats shall be 15 inches (381 mm) above the floor.
4. **Water closet controls.** Water closet controls shall be mounted no more than 44 inches (1118 mm) above the floor. The force required to activate controls shall be no greater than 5 pounds (22.2 N).

1134A.8 Lavatories, vanities, mirrors and towel fixtures. Bathrooms or powder rooms required to be accessible shall have at least one accessible lavatory. Where mirrors and towel fixtures are provided, at least one of each shall be accessible.

1. **Location.** Vanities and lavatories shall be installed with the centerline of the fixture a minimum of 18 inches (457 mm) horizontally from an adjoining wall or fixture to allow for forward approach. When parallel approach is

provided, lavatories shall be installed with the centerline of the fixture a minimum of 24 inches (610 mm) horizontally from an adjoining wall or fixture. The top of the fixture rim shall be a maximum of 34 inches (864 mm) above the finished floor.

2. **Floor space.** A clear maneuvering space at least 30 inches by 48 inches (762 mm by 1219 mm) shall be provided at lavatories and shall be centered on the lavatory.
3. **Cabinets.** Cabinets under lavatories are acceptable provided the bathroom has space to allow a parallel approach by a person in a wheelchair and the lavatory cabinets are designed with adaptable knee and toe space.
4. **Knee and toe space.** Knee and toe space shall be provided ~~as follows~~ by one of the following:
 - 4.1. ~~The knee space shall be at least 30 inches (762 mm) wide and 8 inches (203.2 mm) deep.~~
 - 4.2. ~~The knee space shall be at least 29 inches (737 mm) high at the front face and reducing to not less than 27 inches (686 mm) at a point 8 inches (203.2 mm) back from the front edge.~~
 - 4.3. ~~The knee and toe space required in this section shall be provided by one of the following:~~
 - 4.3.1. ~~4.1. The space beneath the lavatory shall be left clear and unobstructed;~~
 - 4.3.2. ~~4.2. Any cabinet beneath the lavatory shall be removable without the use of specialized knowledge or specialized tools; or~~
 - 4.3.3. ~~4.3. Doors to the cabinet beneath the lavatory shall be removable or openable to provide the required unobstructed knee and toe space.~~

The knee and toe space shall be centered on the fixture, and shall comply with Section 1138A.2. The clear floor space required by Item 2 shall not extend into the knee and toe space more than 19 inches (483 mm). (See Figure 11A-9D).

~~4.4. The toe space required in this section shall be provided as follows:~~

~~4.4.1. Shall be at least 30 inches (762 mm) wide and centered on the lavatory.~~

~~4.4.2. Shall be at least 17 inches (432 mm) deep, measured from the front edge.~~

~~4.4.3. Shall be at least 9 inches (228.6 mm) high from the floor.~~

5. **Finished floor.** The finished floor beneath the lavatory shall be extended to the wall.

6. **Plumbing protection.** ~~Hot water~~ Water supply and drain pipes ~~exposed~~ under lavatories shall be insulated or otherwise covered to protect against contact. There shall be no sharp or abrasive surfaces under lavatories.

7. **Lavatory faucet controls.** Faucet controls and operation 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 no greater than 5 pounds (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.

8. **Mirrors and towel fixtures.** Where mirrors or towel fixtures are provided they shall be mounted with the bottom edge no higher than 40 inches (1016 mm) from the floor.

NOTE:

Authority Cited: Health and Safety Code Sections 17040, 17050, 17920.9, 17921, 17921.3, 17921.6, 17921.10, 17922, 17922.6, 17922.12, 17927, 17928, 17959.6, 18300, 18552, 18554, 18620, 18630, 18640, 18670, 18690, 18691, 18865, 18871.3, 18871.4, 18873, 18873.1, 18873.2, 18873.3, 18873.4, 18873.5, 18938.3, 18944.11 and 19990; and Government Code Section 12955.1.

Reference: Health and Safety Code Sections 17000 through 17062.5, 17910 through 17995.5, 18200 through 18700, 18860 through 18874, and 19960 through 19997; and Government Code Sections 12955.1 and 12955.1.1.

23A. No Change to Text of Section 1135A.

SECTION 1135A LAUNDRY ROOMS

1135A.1 General. ... (No change to text)

24. No Change to Text of Section 1136A.

SECTION 1136A ELECTRICAL RECEPTACLE, SWITCH AND CONTROL HEIGHTS

1136A.1 Receptacle heights. ... (No change to text)

1136A.2 Switch and control heights. ... (No change to text)

24A. No Change to Text of Section 1137A.

SECTION 1137A OTHER FEATURES AND FACILITIES

1137A.1 General. ... (No change to text)

25. HCD proposes to amend Section 1138A “Space Allowances and Reach Ranges”, as follows:

SECTION 1138A SPACE ALLOWANCES AND REACH RANGES

1138A.1 Space allowances.

1138A.1.1 Single wheelchair passage width. ... (No change to text)

1138A.1.2 Width for two wheelchairs passing. ... (No change to text)

1138A.1.3 Wheelchair turning space. ... (No change to text)

1138A.1.3.1 T-shaped turning space. ... (No change to text)

1138A.1.3.2 Surfaces of turning spaces. ... (No change to text)

1138A.1.4 Clear floor or ground space for wheelchairs. ... (No change to text)

1138A.1.4.1 Size and approach. ... (No change to text)

1138A.1.4.2 Relationship of maneuvering clearances to wheelchair spaces. ... (No change to text)

1138A.1.4.3 Surfaces of wheelchair spaces. ... (No change to text)

1138A.1.4.3.1 Gratings. ... (No change to text)

1138A.1.5 Turn around obstruction. ... (No change to text)

1138A.2 Knee and toe space. ... (No change to text)

1138A.2.1 Knee space. ... (No change to text)

1138A.2.1.1 Minimum width. ... (No change to text)

1138A.2.1.2 Maximum depth. ... (No change to text)

1138A.2.1.3 Minimum depth. ... (No change to text)

1138A.2.1.4 Clearance reduction. ... (No change to text)

1138A.2.2. Toe space. ... (No change to text)

1138A.2.2.1 Minimum width. ... (No change to text)

1138A.2.2.2 Maximum depth. ... (No change to text)

1138A.2.2.3 Minimum depth. ... (No change to text)

1138A.2.2.4 Additional clearance. ... (No change to text)

1138A.3 Reach ranges.

1138A.3.1 Forward reach.

1. **Unobstructed.** # *When the clear floor space allows only forward approach to an object, the maximum high forward reach allowed shall be 48 inches (1219 mm) and the minimum low forward reach shall be no less than 15 inches (381 mm) above the finish floor (See Figure 11A-1I(a)).*
2. **Obstructed High Reach.** *When the high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the reach depth over the obstruction.*

The high forward reach shall be 48 inches (1219 mm) maximum when the reach depth is 20 inches (508 mm) maximum. When the reach depth exceeds 20 inches (508 mm), but is not more than 25 inches (635 mm), the high forward reach shall be 44 inches (1118 mm) maximum. (See Figure 11A-1I(b)).

1138A.3.2 Side reach.

1. **Unobstructed.** *When a clear floor space allows a parallel approach to an element, and the side reach is unobstructed, the high side reach shall be 48 inches (1219 mm) maximum, and the low side reach shall be 15 inches (381 mm) minimum above the finish floor. (See Figure 11A-1J(a) and 11A-1J(b)).*

Exceptions:

1. *An obstruction shall be permitted between the clear floor space and the element when the depth of the obstruction is 10 inches (254 mm) maximum.*
2. *Bookshelves shall be permitted to be 54 inches (1372 mm) maximum above the finish floor. Bookshelves may be greater than 54 inches (1372 mm) above the finish floor when an attendant is available to assist persons with disabilities.*
2. **Obstructed high reach.** *When a clear floor space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34 inches (864 mm) maximum and the depth of the obstruction shall be 24 inches (610 mm) maximum.*

The high side reach shall be 48 inches (1219 mm) maximum for a reach depth of 10 inches (254 mm) maximum. When the reach depth exceeds 10 inches (254 mm), but no more than 24 inches (610 mm), the high side reach shall be 46 inches (1168 mm) maximum. (See Figure 11A-1J(c)).

Exception: *Kitchen countertops in dwelling units, and the top of washing machines and clothes dryers shall be permitted to be 36 inches (914 mm) maximum above the finish floor.*

1138A.4 Controls and operating mechanisms. ... (No change to text)

1138A.4.1 General. ... (No change to text)

1138A.4.2 Clear floor space. ... (No change to text)

1138A.4.3 Height. ... (No change to text)

1138A.4.4 Operation. ... (No change to text)

NOTE:

Authority Cited: Health and Safety Code Sections 17040, 17050, 17920.9, 17921, 17921.3, 17921.6, 17921.10, 17922, 17922.6, 17922.12, 17927, 17928, 17959.6, 18300, 18552, 18554, 18620, 18630, 18640, 18670, 18690, 18691, 18865, 18871.3, 18871.4, 18873, 18873.1, 18873.2, 18873.3, 18873.4, 18873.5, 18938.3, 18944.11 and 19990; and Government Code Section 12955.1.

25A. No Change to Text of Section 1139A.

SECTION 1139A ACCESSIBLE DRINKING FOUNTAINS

1139A.1 General. ... (No change to text)

1139A.2 Accessible route. ... (No change to text)

1139A.3 Depth. ... (No change to text)

1139A.4 Clear floor space. ... (No change to text)

1139A.4.1 Knee and toe space. ... (No change to text)

1139A.5 Spout location. ... (No change to text)

1139A.6 Water flow. ... (No change to text)

1139A.7 Controls and operating mechanisms. ... (No change to text)

1139A.8 Location. ... (No change to text)

26. HCD proposes to amend Section 1140A “Accessible Telephones”, as follows:

SECTION 1140A ACCESSIBLE TELEPHONES

1140A.1 General. ~~When~~ public telephones are provided, they shall comply with this section. On floors where public telephones are provided, at least one telephone shall be accessible. On any floor where two or more banks of multiple telephones are provided, at least one telephone in each bank shall be accessible.

1140A.2 Clear floor or ground space. A clear floor or ground space at least 30 inches by 48 inches (762 mm by 1219 mm) that allows either a forward or a parallel approach by a person using a wheelchair shall be provided at telephones. The clear floor or ground space shall comply with Section 1138A.1.4. Bases, enclosures and fixed seats shall not impede approaches to telephones by people who use wheelchairs. (See Figure 11A-11B).

~~The minimum clear floor or ground space for wheelchairs may be positioned for forward or parallel approach to an object.~~ Clear floor or ground space for wheelchairs may be part of the knee space required under some objects.

1140A.3 Relationship of maneuvering clearances to wheelchair spaces. One full unobstructed side of the clear floor or ground space for a wheelchair shall adjoin another wheelchair clear space. If a clear floor space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearances shall be provided. (See Section 1138A.1.4).

1140A.4 Mounting height. ~~The highest operable part of the telephone shall be within the reach ranges specified in Section 1138A.3 Figure 11A-11B. Telephones mounted diagonally in a corner that require wheelchair users to reach diagonally shall have the highest operable part no higher than 54 inches (1372 mm) above the floor.~~ (See Figure 11A-11B).

1140A.5 Enclosures. ~~If telephone enclosures are provided, they may overhang the clear floor space required in Sections 1140A.2 and 1140A.3 with the following limits:~~ shall comply with Sections 1140A.5.1 and 1140A.5.2.

- ~~1. **Side Reach Possible.** The overhang shall be no greater than 19 inches (483 mm). The height of the lowest overhanging part shall be equal to or greater than 27 inches (686 mm) above the floor.~~
- ~~2. **Full-height Enclosures.** Entrances to full-height enclosures shall be a minimum of 30 inches (762 mm) in width.~~

3. **Forward Reach Required.** *If the overhang is greater than 12 inches (305 mm), then the clear width of the enclosure shall be 30 inches (762 mm) minimum; if the clear width of the enclosure is less than 30 inches (762 mm), then the height of the lowest overhanging part shall be equal to or greater than 27 inches (686 mm).*

1140A.5.1 Parallel Approach. *Where a parallel approach is provided, the distance from the edge of the telephone enclosure to the face of the telephone unit shall be 10 inches (254 mm) maximum.*

1140A.5.2 Forward Approach. *Where a forward approach is provided, the counter may extend beyond the face of the telephone 20 inches (508 mm) maximum into the required clear floor or ground space and the enclosure may extend beyond the face of the telephone 24 inches (610 mm) maximum. If an additional 6 inches (152 mm) in width of clear floor space is provided, creating a clear floor space of 36 inches by 48 inches (914 mm by 1219 mm), the enclosure may extend more than 24 inches (610 mm) beyond the face of the telephone.*

1140A.6 Equipment for hearing impaired people. *Telephones shall be equipped with a receiver that generates a magnetic field in the area of the receiver cap. A reasonable number of the public telephones provided, but always at least one on each floor or in each bank, whichever is more, 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 providing a gain adjustable up to 20 dB minimum. For incremental volume control, at least one intermediate step of 12 dB of gain minimum shall be provided. An automatic reset shall also be provided. 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. (See Figure 11A-11D).*

1140A.7 Text telephones (TTY). *If a total of four or more public pay telephones are provided at the interior and exterior of a site, and if at least one of the total number provided is located in an interior location, at least one interior public text telephone shall be provided. TTYS provided at a public pay telephone shall be permanently affixed within, or adjacent to, the telephone enclosure. Where an acoustic coupler is used, the telephone cord shall be sufficiently long to allow connection of the TTY and the telephone receiver.*

1140A.7.1 Signage. ... (No change to text)

1140A.7.2 Height. *When in use, the touch surface of TTY keypads shall be 34 inches (864 mm) minimum above the finish floor.*

1140A.8 Controls. *Telephones shall have push-button controls where service for such equipment is available. Controls and operating mechanisms shall comply with Section 1138A.4.*

1140A.9 Cord length. ... (No change to text)

1140A.10 Telephone books. *If telephone books are provided, they shall be located in a position that complies with the reach ranges in Figures 11A-1I and 11A-1J Section 1138A.3.*

1140A.11 Shelf. *Public pay telephones required to accommodate a portable TTY shall be equipped with a shelf and an electrical outlet within or adjacent to the telephone enclosure. The telephone handset shall be capable of being placed flush on the surface of the shelf. The shelf shall be capable of accommodating a TTY and shall have 6 inches (152 mm) minimum vertical clearance above the area where the TTY is to be placed.*

NOTE:

Authority Cited: Health and Safety Code Sections 17040, 17050, 17920.9, 17921, 17921.3, 17921.6, 17921.10, 17922, 17922.6, 17922.12, 17927, 17928, 17959.6, 18300, 18552, 18554, 18620, 18630, 18640, 18670, 18690, 18691, 18865, 18871.3, 18871.4, 18873, 18873.1, 18873.2, 18873.3, 18873.4, 18873.5, 18938.3, 18944.11 and 19990; and Government Code Section 12955.1.

Reference: Health and Safety Code Sections 17000 through 17062.5, 17910 through 17995.5, 18200 through 18700, 18860 through 18874, and 19960 through 19997; and Government Code Sections 12955.1 and 12955.1.1.

27. No Change to Text of Section 1141A.

SECTION 1141A ACCESSIBLE SWIMMING POOLS

1141A.1 General. ... (No change to text)

1141A.2 Swimming pool deck areas. ... (No change to text)

NOTE:

Authority Cited: Health and Safety Code Sections 17040, 17050, 17920.9, 17921, 17921.3, 17921.6, 17921.10, 17922, 17922.6, 17922.12, 17927, 17928, 17959.6, 18300, 18552, 18554, 18620, 18630, 18640, 18670, 18690, 18691, 18865, 18871.3, 18871.4, 18873, 18873.1, 18873.2, 18873.3, 18873.4, 18873.5, 18938.3, 18944.11 and 19990; and Government Code Section 12955.1.

Reference: Health and Safety Code Sections 17000 through 17062.5, 17910 through 17995.5, 18200 through 18700, 18860 through 18874, and 19960 through 19997; and Government Code Sections 12955.1 and 12955.1.1.

27A. No Change to Text of Section 1142A.

**SECTION 1142A
ELECTRICAL RECEPTACLE, SWITCH AND CONTROL HEIGHTS**

1142A.1 Receptacle heights. ... (No change to text)

1142A.2 Switch and control heights. ... (No change to text)

28. HCD proposes to amend Section 1143A “Signage”, as follows:

**SECTION 1143A
SIGNAGE**

1143A.1 General. *When signs and/or identification devices are provided, they shall comply with this section. When both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs - one with visual, and one with tactile characters, shall be provided.*

Exception: Signs need not be provided within dwelling units.

Note: See Section 1127A.7 for additional signage requirements applicable to sanitary facilities, and Section 1124A for additional signage requirements applicable to elevators.

1143A.2 Identification signs. ... (No change to text)

1143A.3 Directional and informational signs. ... (No change to text)

1143A.4 Accessibility signs. ... (No change to text)

1143A.5 Visual characters. ... (No change to text)

1143A.6 Raised characters and pictorial symbol signs. ... (No change to text)

1143A.7 Braille. ... (No change to text)

1143A.7.1 Dimensions and capitalization. ... (No change to text)

1143A.7.2 Position. ... (No change to text)

1143A.8 Symbols of accessibility. *Symbols of accessibility and their background shall have a non-glare finish. Symbols of accessibility shall contrast with their background with either a light symbol on a dark background or a dark symbol on a light background. Symbols of accessibility shall comply with the following:*

1. **International Symbol of Accessibility.** *The “International Symbol of Accessibility” shall consist of a white figure on a blue background. ~~The blue shall be Color No. 15090 in Federal Standard 595B.~~ The color blue shall approximate FS 15090 in Federal Standard 595C. (See Figure 11A-1A).*

2. **International Symbol of TTY.** (See Figure 11A-11C).

3. **Volume Control Telephones.** (See Figure 11A-11D).

4. **Assistive Listening Systems.** (See Figure 11A-11E).

5. **Cleaner Air Symbol.** (See Chapter 11B).

6. **Toilet and Bathing Facilities Geometric Symbols.** (See Section 1127A.7).

NOTE:

Authority Cited: Health and Safety Code Sections 17040, 17050, 17920.9, 17921, 17921.3, 17921.6, 17921.10, 17922, 17922.6, 17922.12, 17927, 17928, 17959.6, 18300, 18552, 18554, 18620, 18630, 18640, 18670, 18690, 18691, 18865, 18871.3, 18871.4, 18873, 18873.1, 18873.2, 18873.3, 18873.4, 18873.5, 18938.3, 18944.11 and 19990; and Government Code Section 12955.1.

Reference: Health and Safety Code Sections 17000 through 17062.5, 17910 through 17995.5, 18200 through 18700, 18860 through 18874, and 19960 through 19997; and Government Code Sections 12955.1 and 12955.1.1.

28A. No Change to Text of Section 1150A.

**SECTION 1150A
SITE IMPRACTICALITY TESTS**

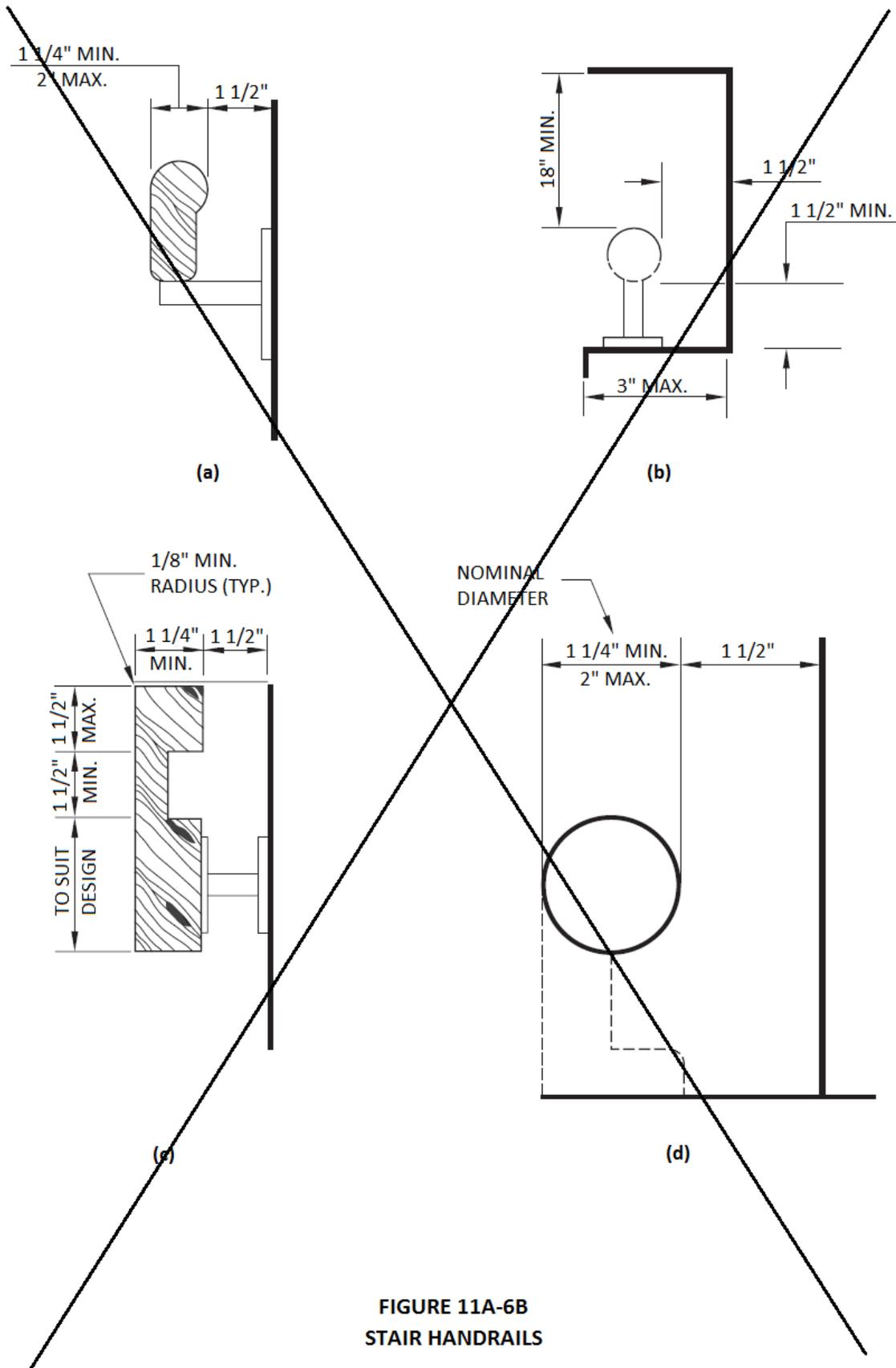
1150A.1 General. ... (No change to text)

1150A.2 Additional requirements for Section 1150A. ... (No change to text)

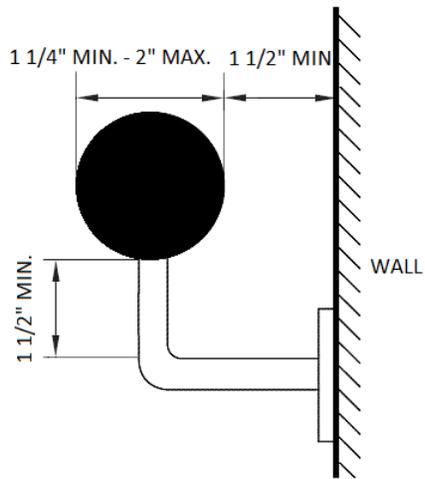
29. HCD proposes to amend Division VII – FIGURES as follows:

Division VII – FIGURES

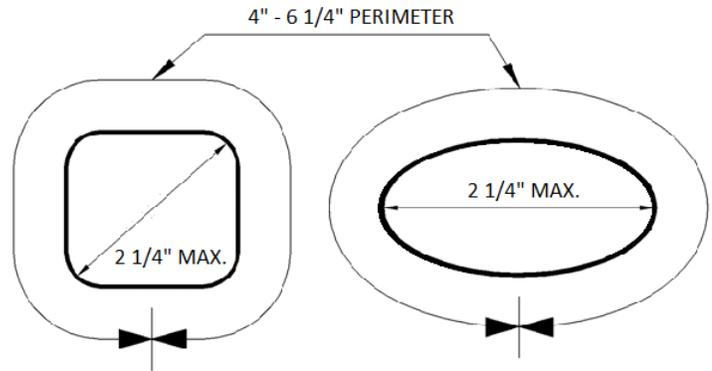
Diagrams illustrate the specific requirements of these regulations and are intended only as an aid for building design and construction. Diagrams are not to scale.



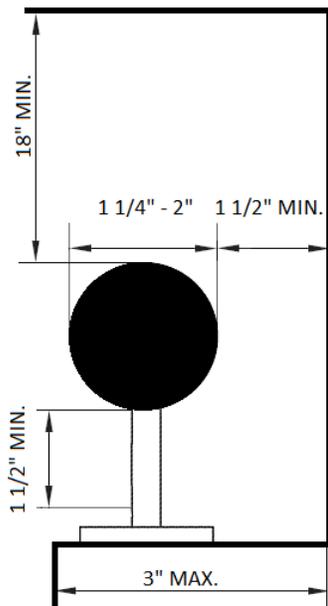
**FIGURE 11A-6B
STAIR HANDRAILS**



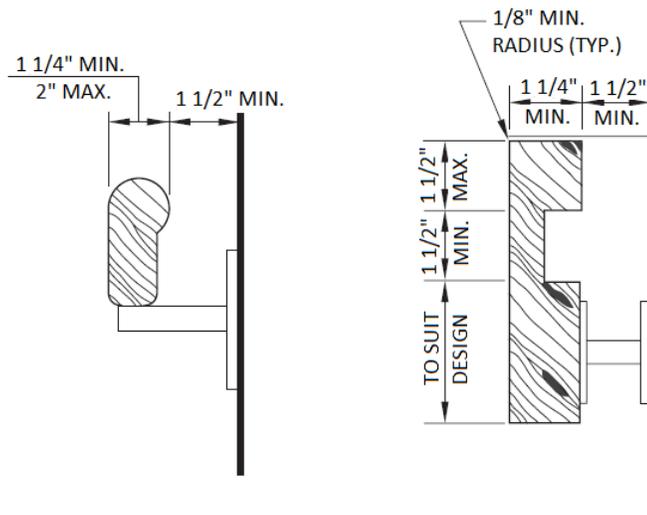
(a) HANDRAILS WITH CIRCULAR CROSS SECTION



(b) HANDRAILS WITH NON-CIRCULAR CROSS SECTION



(c) HANDRAILS LOCATED IN A RECESS



(d) HANDRAILS WITH EQUIVALENT GRIPPING SURFACES

FIGURE 11A-6B
HANDRAILS

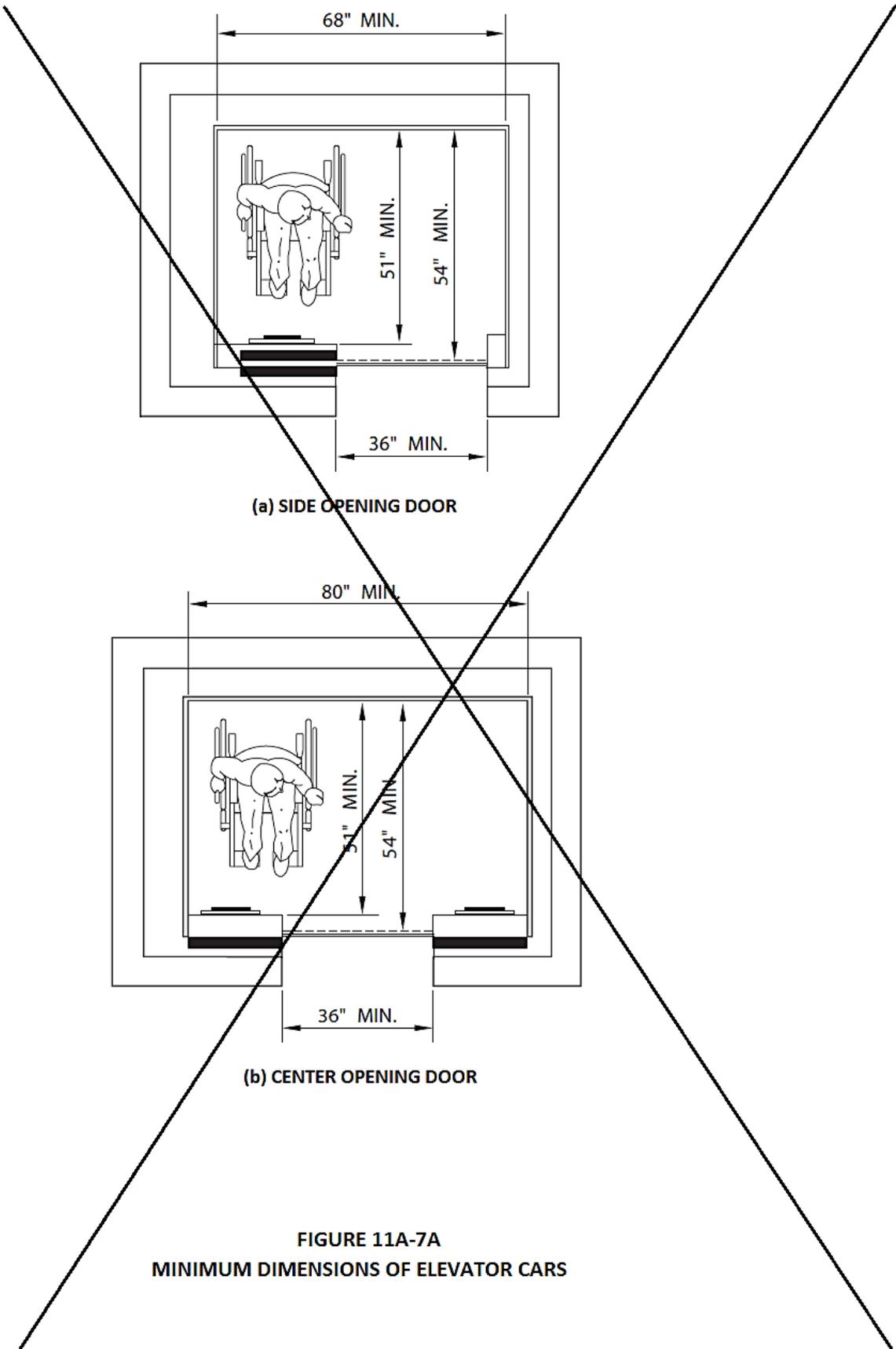
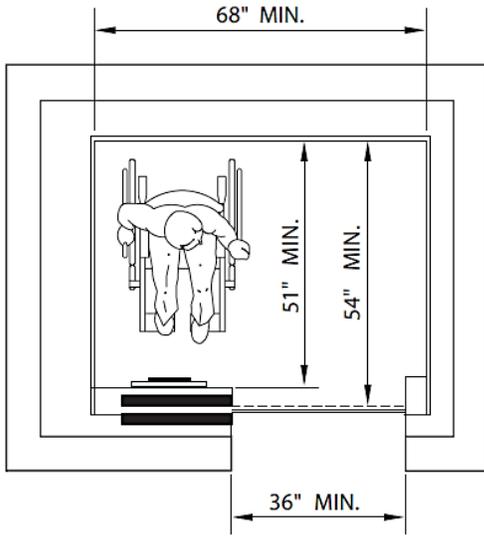
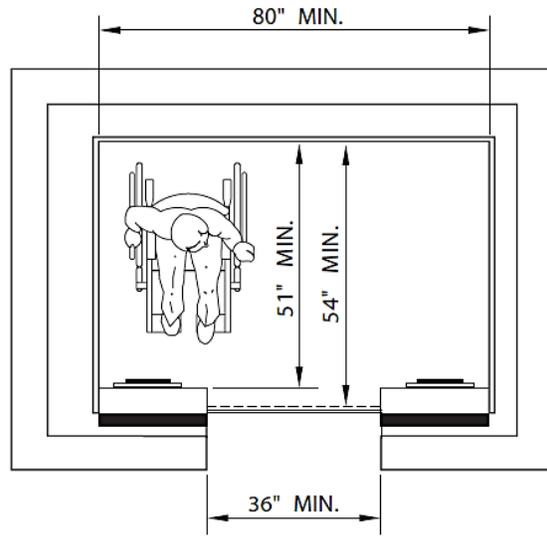


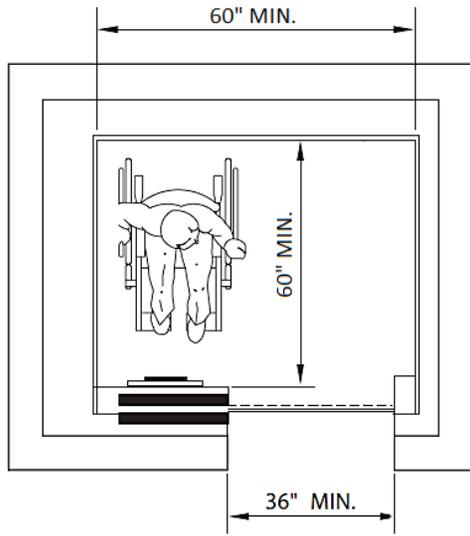
FIGURE 11A-7A
MINIMUM DIMENSIONS OF ELEVATOR CARS



(a) SIDE OPENING DOOR



(b) CENTER OPENING DOOR



(c) DOOR AT ANY LOCATION

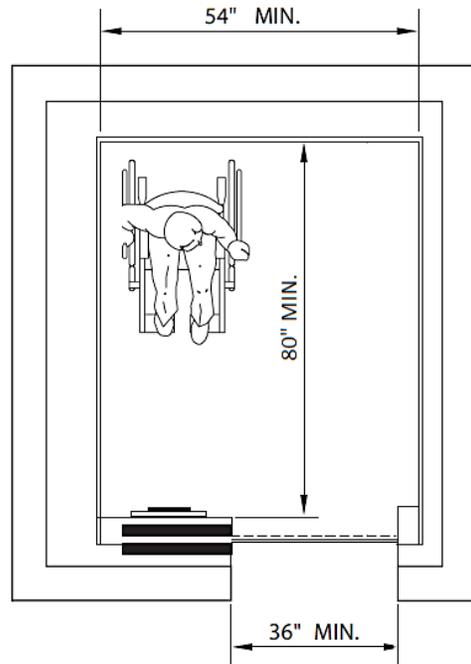
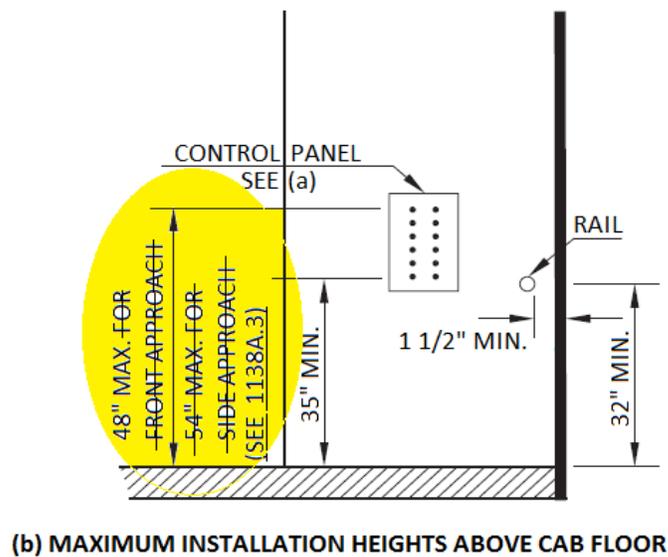
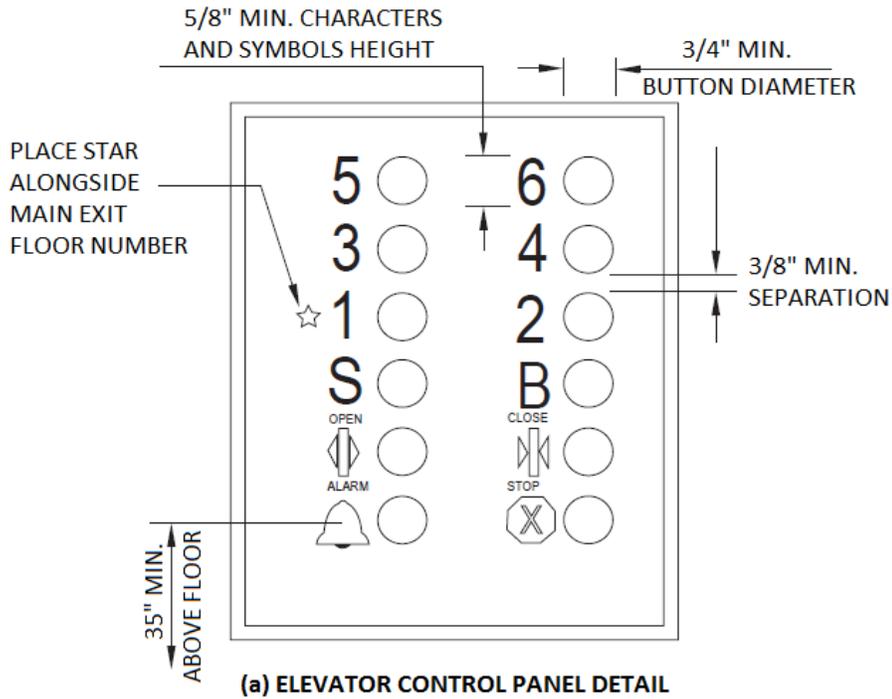
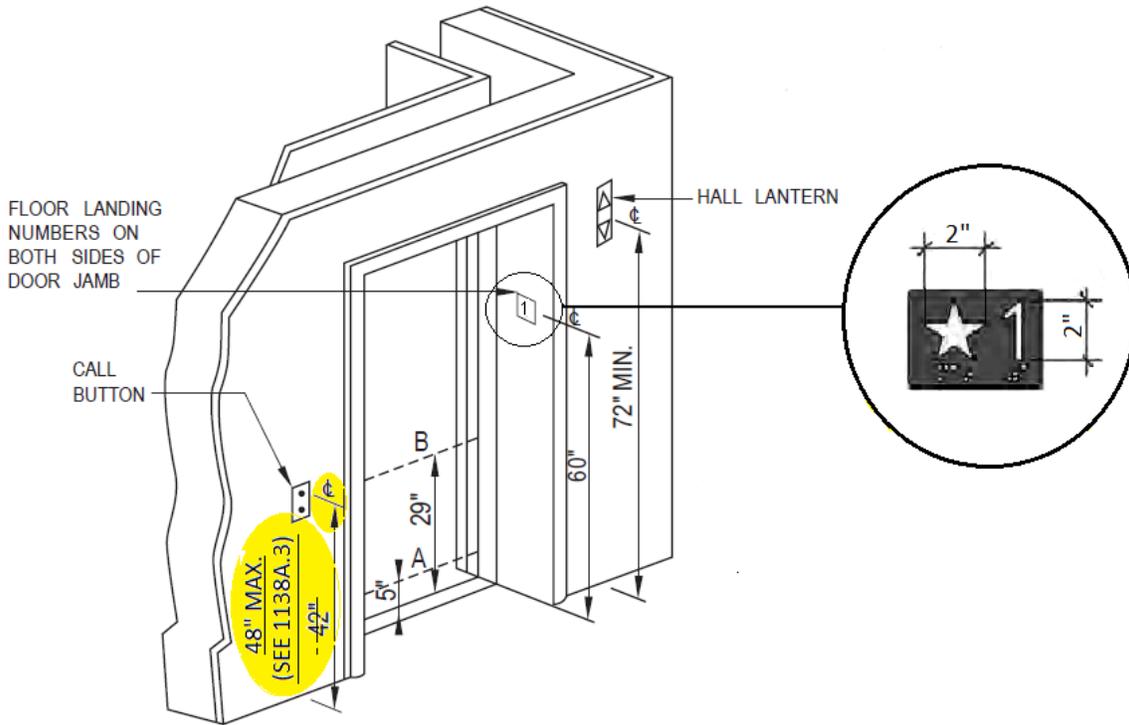


FIGURE 11A-7A
MINIMUM DIMENSIONS OF ELEVATOR CARS

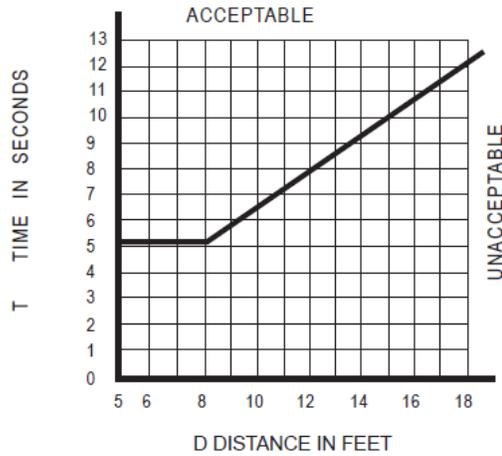


**FIGURE 11A-7B
ELEVATOR CONTROL PANEL**



NOTE:
 THE AUTOMATIC DOOR REOPENING DEVICE IS ACTIVATED IF AN OBJECT PASSES THROUGH EITHER LINE A OR LINE B. LINE A AND LINE B REPRESENT THE VERTICAL LOCATION OF THE DOOR REOPENING DEVICE NOT REQUIRING CONTACT.

**FIGURE 11A-7C
 HOISTWAY AND ELEVATOR ENTRANCES**



**FIGURE 11A-7D
 GRAPH OF TIMING EQUATION**

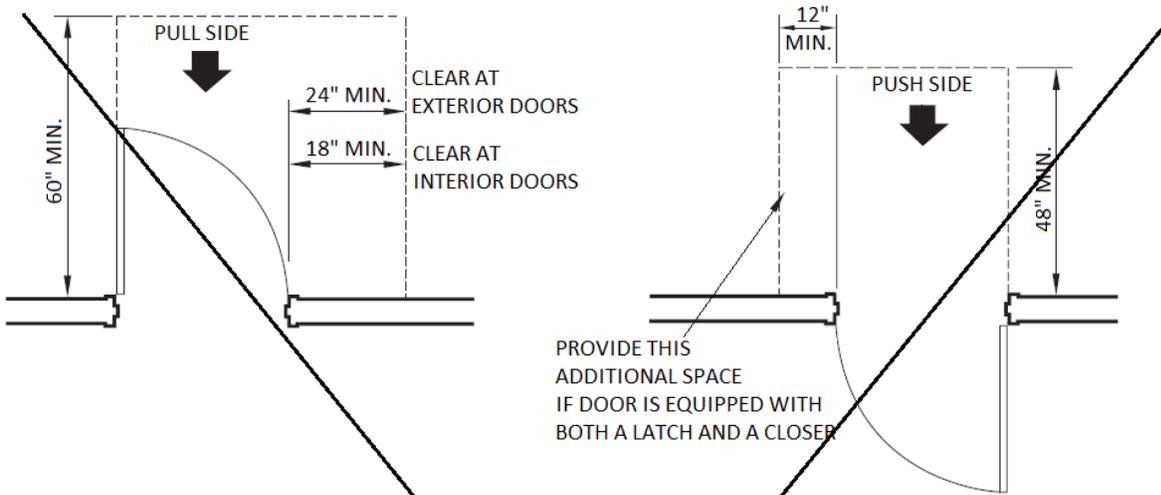


FIGURE 11A-8A
FRONT APPROACHES - SWINGING DOORS

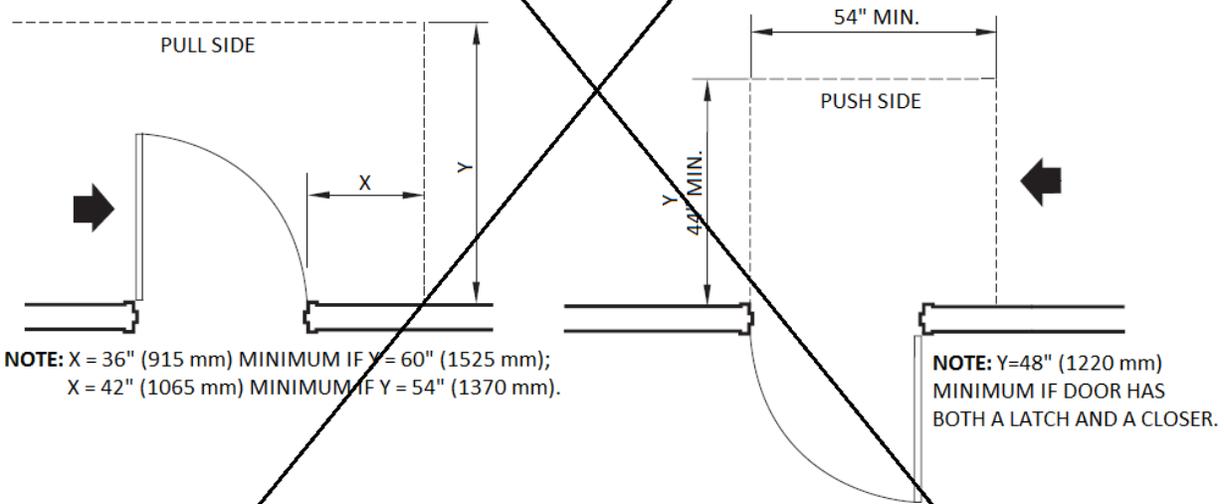


FIGURE 11A-8B
HINGE SIDE APPROACHES - SWINGING DOORS

LEVEL MANEUVERING CLEARANCE AT DOORS

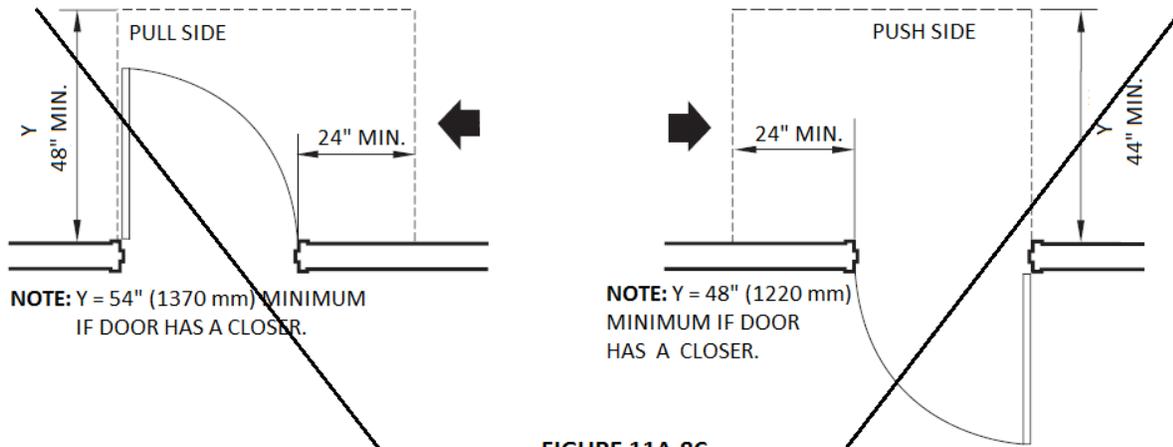


FIGURE 11A-8C
LATCH SIDE APPROACHES - SWINGING DOORS

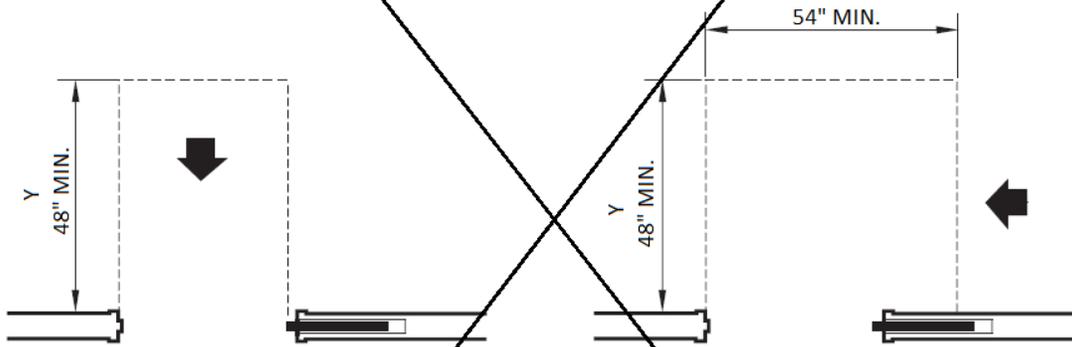


FIGURE 11A-8D
FRONT APPROACH - SLIDING AND FOLDING DOORS

FIGURE 11A-8E
SLIDE SIDE APPROACH - SLIDING AND FOLDING DOORS

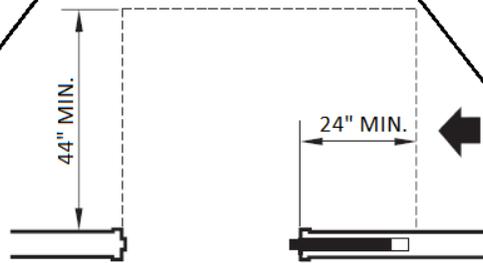
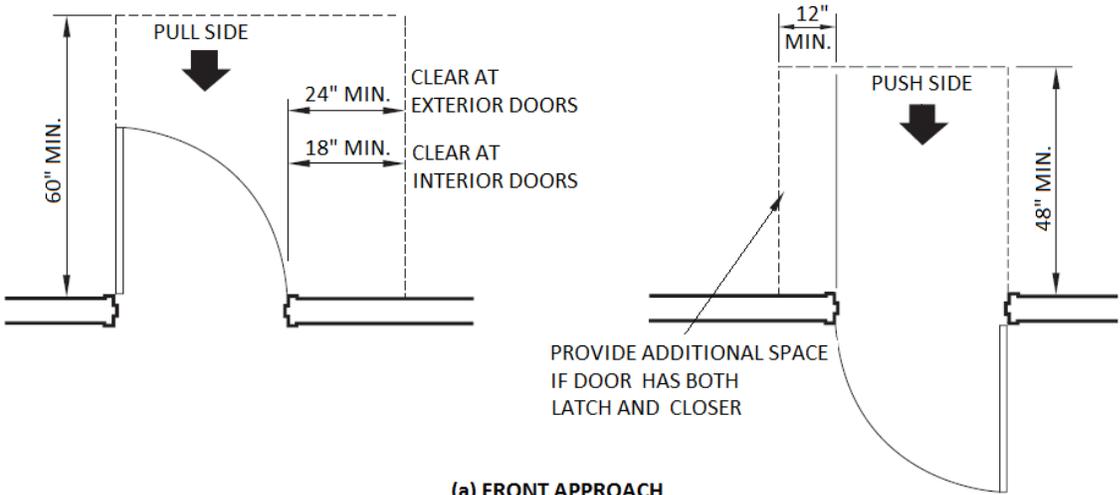
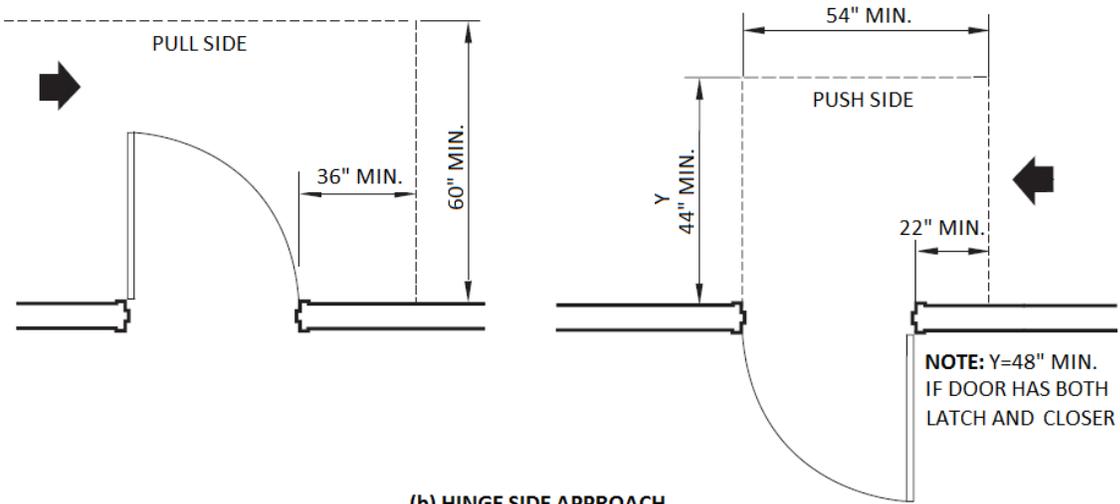


FIGURE 11A-8F
LATCH SIDE APPROACH - SLIDING DOORS AND FOLDING DOORS

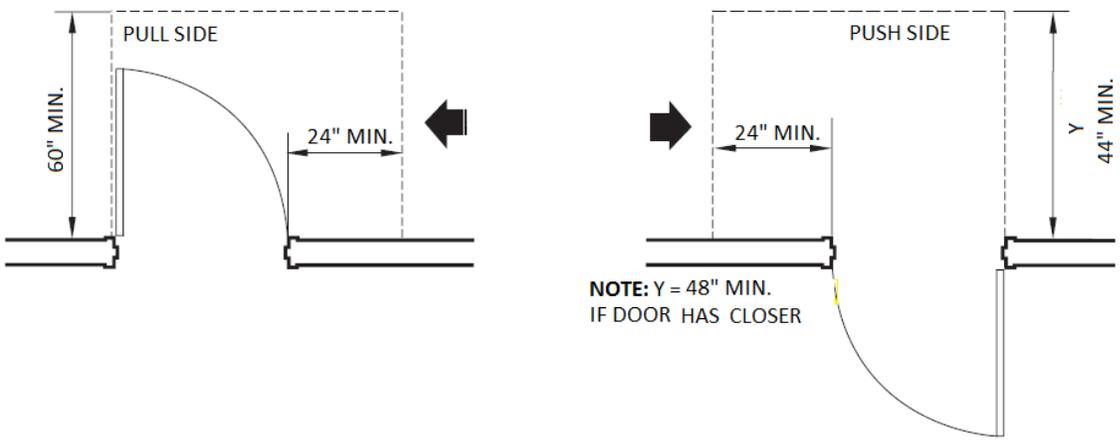
LEVEL MANEUVERING CLEARANCE AT DOORS (Continued)



(a) FRONT APPROACH

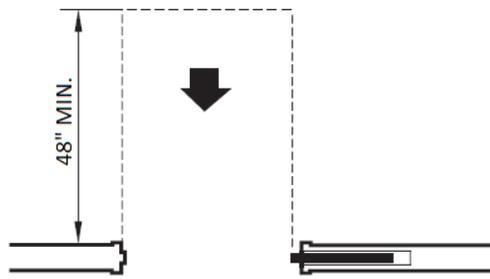


(b) HINGE SIDE APPROACH

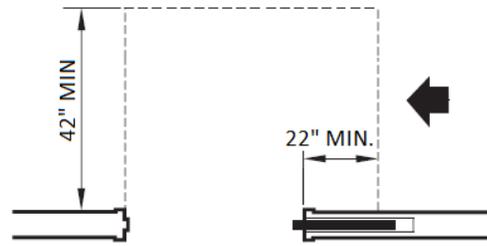


(c) LATCH SIDE APPROACH

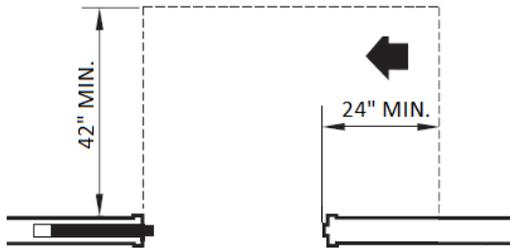
FIGURE 11A-8A
MANEUVERING CLEARANCE AT SWINGING DOORS



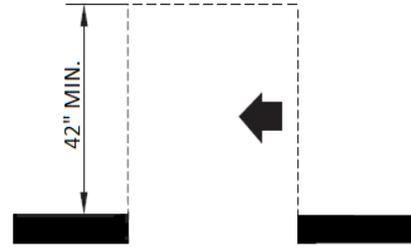
(a) FRONT APPROACH



(b) POCKET OR HINGE SIDE APPROACH

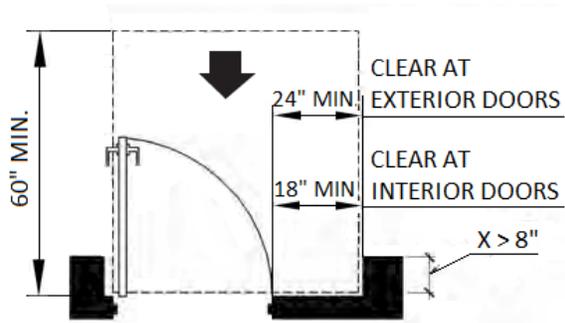


(c) STOP OR LATCH SIDE APPROACH

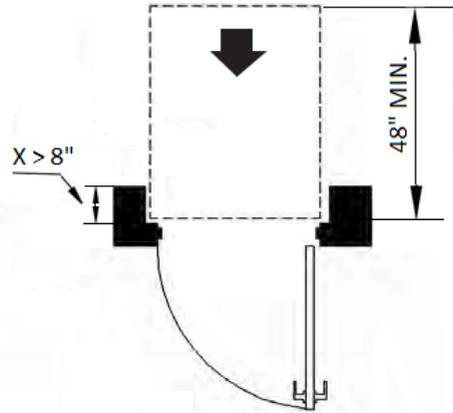


(d) SIDE APPROACH - DOORWAYS WITHOUT DOORS/GATES

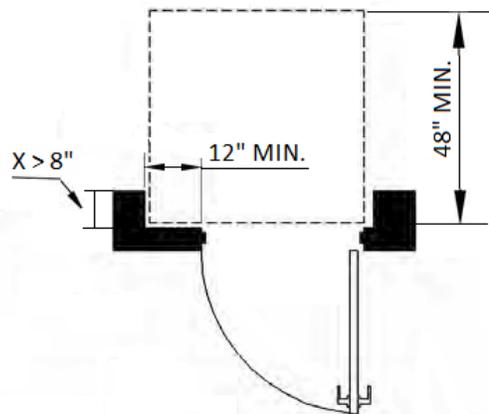
**FIGURE 11A-8B
MANEUVERING CLEARANCE AT DOORWAYS, SLIDING DOORS, AND FOLDING DOORS**



(a) PULL SIDE APPROACH

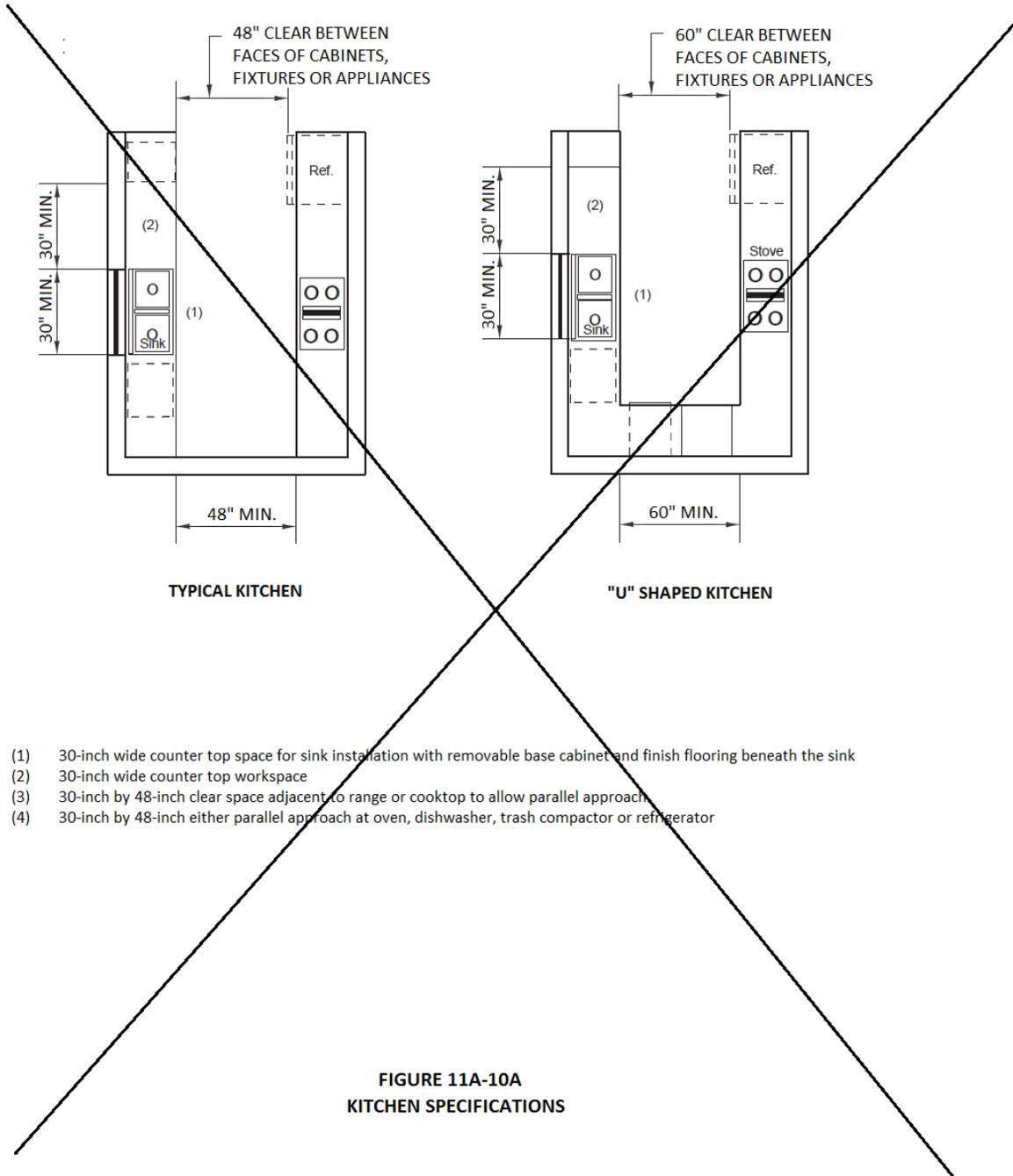


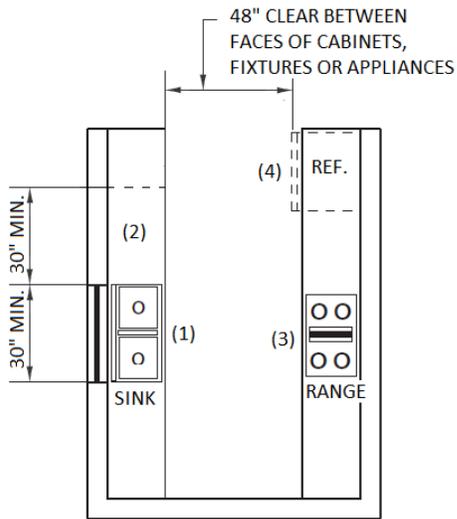
(b) PUSH SIDE APPROACH



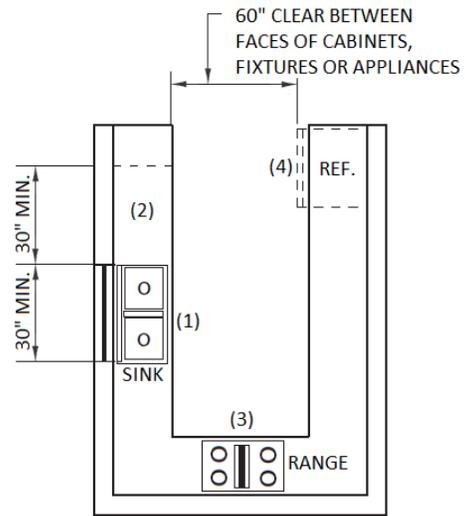
(c) PUSH SIDE APPROACH - DOOR WITH BOTH A LATCH AND A CLOSER

FIGURE 11A-8C
MANEUVERING CLEARANCES AT RECESSED DOORS

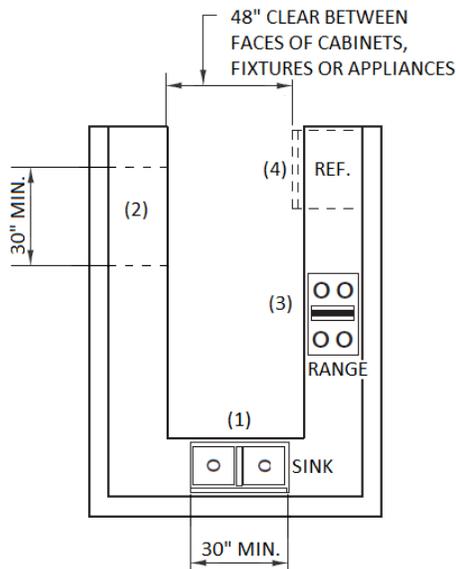




(a) TYPICAL KITCHEN



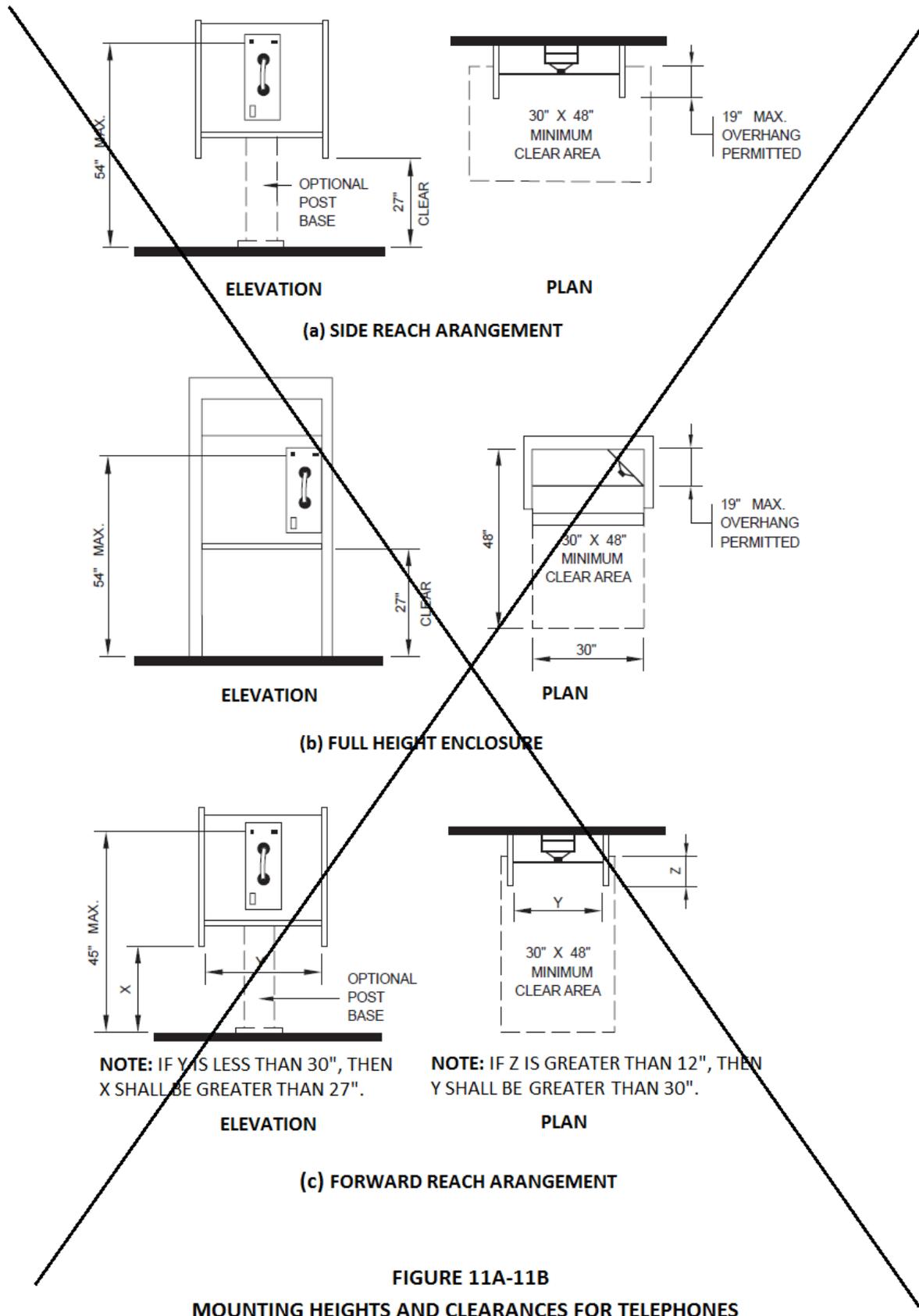
(b) "U" SHAPED KITCHEN WITH RANGE AT THE BASE

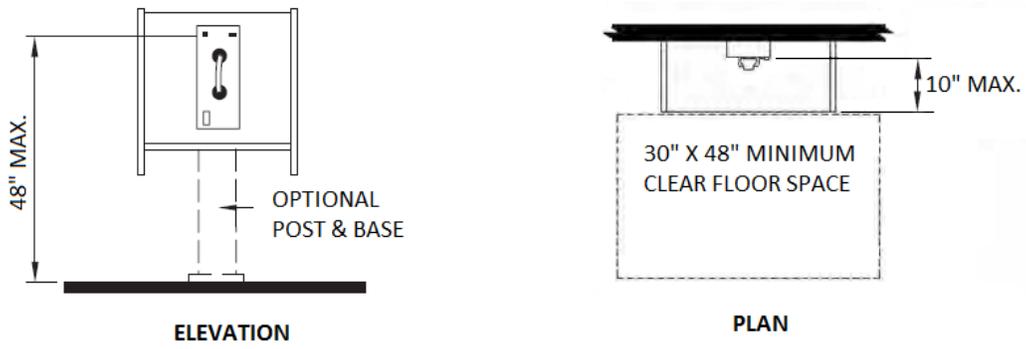


(c) "U" SHAPED KITCHEN WITH SINK AT THE BASE

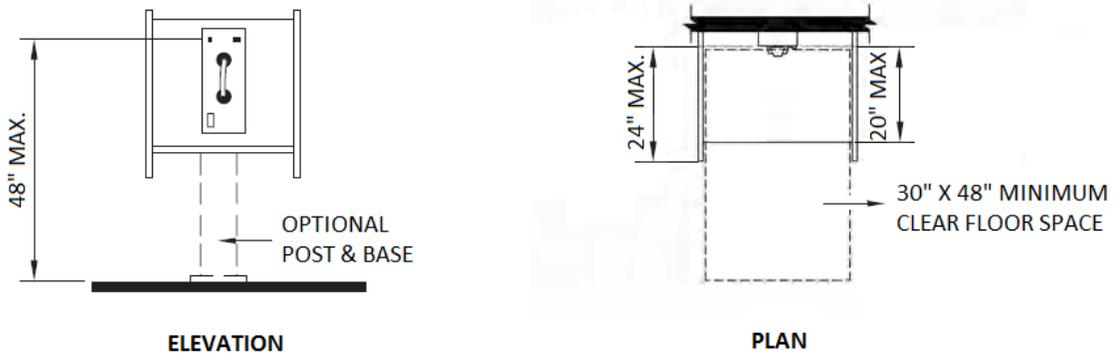
- (1) 30" minimum countertop space for sink installation with removable base cabinet and finish flooring beneath the sink; 30" x 48" minimum clear floor space to allow parallel or forward approach.
- (2) 30" minimum countertop for work surface with removable base cabinet and finish flooring beneath; 30" x 48" minimum clear floor space to allow parallel or forward approach.
- (3) 30" x 48" minimum clear floor space adjacent to range to allow parallel approach.
- (4) 30" x 48" clear floor space at refrigerator, dishwasher, trash compactor or other appliances to allow parallel or forward approach.

FIGURE 11A-10A
KITCHEN SPECIFICATIONS





(a) PARALLEL APPROACH



(b) FORWARD APPROACH

FIGURE 11A-11B
TELEPHONES