

**DRAFT PROPOSED CODE CHANGES  
FOR  
THE CALIFORNIA BUILDING CODE  
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 2  
  
2016 CALIFORNIA BUILDING CODE  
TRIENNIAL CODE CYCLE**

**LEGEND**

1. Existing California amendments or code language being modified are in italics when they appear in the model code text: All such language appears in *italics*, modified language is underlined.
2. New California amendments: All such language appears *underlined and in italics*.
3. Repealed text: All such language appears in ~~strikeout~~.

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**CHAPTER 2  
DEFINITIONS**

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**ITEM 2.XX**

**SECTION 202  
DEFINITIONS**

**~~SIGNAGE. [DSA-AC]~~** ~~Displayed verbal, symbolic, tactile, and/or pictorial information.~~

**SIGN. [DSA-AC]** An architectural element composed of displayed textual, symbolic, tactile, and/or pictorial information.

**REASON:** DSA-AC is proposing to repeal the definition of SIGNAGE and add a new definition for SIGN. Signage is defined as a system of signs as differentiated from a sign which is a singular element. This amendment will align the 2013 California Building Code with the 2010 ADA Standards model code providing clarity and consistency for code users.

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**ITEM 2.XX – RELATED CODE AMENDMENT**

**CHAPTER 11B  
DIVISION 1: APPLICATION AND ADMINISTRATION**

**11B-106.5 Defined terms. ...**

**Sign**

**~~Signage~~**

**REASON:** DSA-AC is proposing to replace the term “signage” with the term “sign” consistent with 2013 California Building Code and 2010 ADA Standards model code format.

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**ITEM 2.XX – RELATED CODE AMENDMENT**  
**CHAPTER 11B**  
**DIVISION 2: SCOPING REQUIREMENTS**

**11B-206.4 Entrances. ...**

**11B-206.4.1 Entrances and exterior ground floor exits. ...**

**Exceptions:**

1. ...
2. Exits in excess of those required by Chapter 10, and which are more than 24 inches (610 mm) above grade shall not be required to comply with Section 11B-404. Directional signage signs shall comply with Chapter 10, Section 1007.10.

**11B-216.6 Entrances. ...**

**Exceptions:**

1. An International Symbol of Accessibility is not required at entrances to individual rooms, suites, offices, sales or rental establishments, or other such spaces when all entrances to the building or facility are accessible and persons entering the building or facility have passed through one or more entrances with signage signs complying with this section.
2. ...

**11B-216.9 TTYs. ...**

**11B-216.9.1 Identification signs. ...**

**11B-216.9.2 Directional signs.** Directional signs indicating the location of the nearest public TTY shall be provided at all banks of public pay telephones not containing a public TTY. In addition, where signs provide direction to public pay telephones, they shall also provide direction to public TTYs. *If a facility has no banks of telephones, the directional signage signs shall be provided at the entrance or in a building directory.* Directional signs shall comply with Section 11B-703.5 and shall include the International Symbol of TTY complying with Section 11B-703.7.2.2.

**REASON:** DSA-AC is proposing to replace the term “signage” with the term “sign” consistent with 2013 California Building Code with the 2010 ADA Standards model code.

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**ITEM 2.XX – RELATED CODE AMENDMENT**  
**CHAPTER 11B**  
**DIVISION 4: ACCESSIBLE ROUTES**

**11B-404.2.9 Door and gate opening force. ...**

**Exceptions:**

1. ...
2. ...
  - d. Signage Signs identifying the accessible entrance required by Section 11B-216.6 shall be placed on, or immediately adjacent to, each powered door. Signage Signs shall be provided in compliance with BHMA A156.10 or BHMA 156.19, as applicable.

**11B-411.2 Elevator landing requirements. ...**

**11B-411.2.1.6 Identification of floors served.** In buildings with two or more elevator banks, each serving a different group of specific floors, hall call consoles located on floors with a building entry, including parking and transfer levels, shall be provided with signage signs complying with Sections 11B-703.2, 11B-703.3, and 11B-703.5 on the surface of or above the

hall call console stating “FLOORS n1 – n2”, where n1 - n2 represents the range of floors served. Characters shall be white on a black background. When the accessibility function button is pressed, the audio output shall provide a verbal announcement of the floors served by the elevator group.

**REASON:** DSA-AC is proposing to replace the term “signage” with the term “sign” consistent with 2013 California Building Code amendments to the 2010 ADA Standards model code.

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**ITEM 2.XX – RELATED CODE AMENDMENT**

**CHAPTER 11B**

**DIVISION 5: GENERAL SITE AND BUILDING ELEMENTS**

**11B-502.8 Additional ~~signage~~ signs.** *An additional sign shall be posted either; 1) in a conspicuous place at each entrance to an off-street parking facility or 2) immediately adjacent to on-site accessible parking and visible from each parking space.*

**REASON:** DSA-AC is proposing to replace the term “signage” with the term “sign” consistent with 2013 California Building Code with the 2010 ADA Standards model code.

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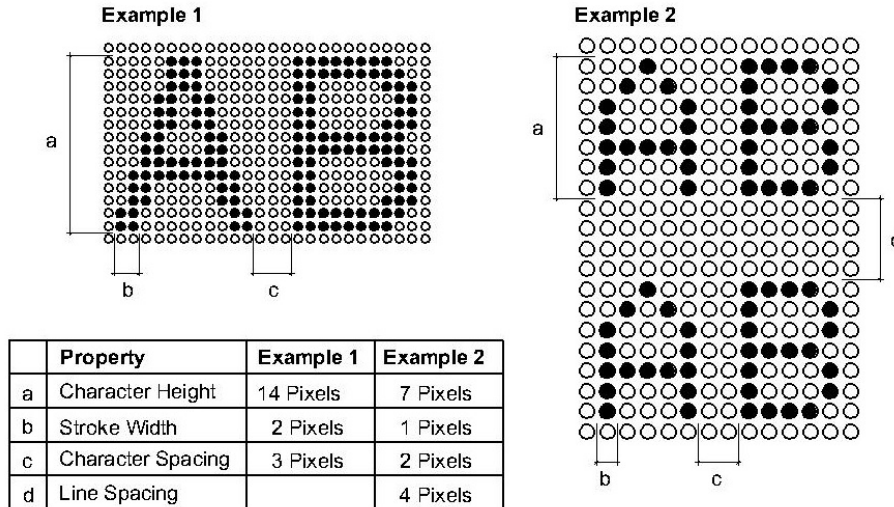
**ITEM 2.XX – RELATED CODE AMENDMENT**

**CHAPTER 11B**

**DIVISION 7: COMMUNICATION ELEMENTS AND FEATURES**

***Table 11B-703.8.5 Pixel Count for Low Resolution VMS ~~Signage~~ Signs***

Character Height	Character Width Range	Stroke Width Range	Character Spacing Range
7	5-6	1	2
8	6-7	1-2	2-3
9	6-8	1-2	2-3
10	7-9	2	2-4
11	8-10	2	2-4
12	8-11	2	3-4
13	9-12	2-3	3-5
14	10-13	2-3	3-5
15	11-14	2-3	3-5



**Figure 11B-703.8.5**  
**Low Resolution VMS Signage Signs Characters**

**REASON:** DSA-AC is proposing to replace the term “signage” with the term “sign” consistent with 2013 California Building Code with the 2010 ADA Standards model code.

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**ITEM 2.XX – RELATED CODE AMENDMENT**  
**CHAPTER 11B**  
**DIVISION 8: SPECIAL ROOMS, SPACES, AND ELEMENTS**

**11B-802.4 Designated aisle seats. ...**

**11B-802.4.2 Identification.** Each designated aisle seat shall be identified by a sign or marker with the International Symbol of Accessibility complying with Section 11B-703.7.2.1. Signage Signs complying with Section 11B-703.5, notifying patrons of the availability of such seats shall be posted at the ticket office.

**REASON:** DSA-AC is proposing to replace the term “signage” with the term “sign” consistent with 2013 California Building Code with the 2010 ADA Standards model code.

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**CHAPTER 11B**  
**ACCESSIBILITY TO PUBLIC BUILDINGS,**  
**PUBLIC ACCOMMODATIONS, COMMERCIAL BUILDINGS AND PUBLICLY FUNDED HOUSING**

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**ITEM 11B.XX**  
**DIVISION 2: SCOPING REQUIREMENTS**

**11B-202 Existing buildings and facilities**

**11B-202.4 Path of travel requirements in alterations, additions and structural repairs.** When alterations or additions are made to existing buildings or facilities, an accessible path of travel to the specific area of alteration or addition shall be provided. The primary accessible path of travel shall include:

1. A primary entrance to the building or facility,
2. Toilet and bathing facilities serving the area,

3. Drinking fountains serving the area,
4. Public telephones serving the area, and
5. Signs.

**Exceptions:**

1. ...
2. ...
3. ...
4. ...
5. ...
6. ...
7. ...
8. ...

9. Certain types of privately funded, multistory buildings and facilities were formerly exempt from accessibility requirements above and below the first floor under this code, but as of, April 1, 1994, are no longer exempt due to more restrictive provisions in the federal Americans with Disabilities Act. In alteration projects involving buildings and facilities previously approved and built without elevators, areas above and below the ground floor are subject to the 20-percent ~~disproportionately~~ disproportionality provisions described in Exception 8, above, even if the value of the project exceeds the valuation threshold in Exception 8. The types of buildings and facilities are:

1. Office buildings and passenger vehicle service stations of three stories or more and 3,000 or more square feet (279 m<sup>2</sup>) per floor.
2. Offices of physicians and surgeons.
3. Shopping centers.
4. Other buildings and facilities three stories or more and 3,000 or more square feet (279 m<sup>2</sup>) per floor if a reasonable portion of services sought and used by the public is available on the accessible level.

For the general privately funded multistory building exception applicable to new construction and alterations, see Section 11B-206.2.3, Exception 1.

The elevator exception set forth in this section does not obviate or limit in any way the obligation to comply with the other accessibility requirements in this code. For example, floors above or below the accessible ground floor must meet the requirements of this section except for elevator service. If toilet or bathing facilities are provided on a level not served by an elevator, then toilet or bathing facilities must be provided on the accessible ground floor.

**REASON:** DSA-AC is proposing to amend this exception to correct a typographical error. The word “disproportionately” is being replaced with the word “disproportionality”. It was the intent of DSA-AC to carry forward the 2010 CBC, Section 1134B.2.1, Exception 2 language. This is an editorial change without regulatory effect.

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**ITEM 11B.XX**

**DIVISION 2: SCOPING REQUIREMENTS**

**11B-208 Parking spaces**

**11B-208.2 Minimum Number. ...**

**11B-208.2.3 Residential facilities.** Parking spaces provided to serve residential facilities shall comply with Section 11B-208.2.3.

**11B-208.2.3.1 Parking for residents.** Where at least one parking space is provided for each residential dwelling unit, at least one parking space complying with *Section 11B-502* shall be provided for each residential dwelling unit required to provide mobility features complying with *Sections 11B-809.2 through 11B-809.4*. Where fewer than one parking space is provided for each residential dwelling unit, parking spaces complying with Section 11B-502 shall be provided in accordance with Table 11B-208.2.

**REASON:** DSA-AC is proposing an amendment to address the number of accessible parking spaces required for residential dwelling units providing mobility features when fewer than one parking space for each residential dwelling unit is provided. This amendment will provide clarity and consistency for code users when determining the number of parking spaces required by Section 11B-502 in residential facilities.

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## ITEM 11B.XX

### DIVISION 2: SCOPING REQUIREMENTS

#### 11B-216 Signs

**11B-216.5 Parking.** *Signs identifying parking spaces and signs within parking facilities shall comply with Section 11B-216.5.*

**11B-216.5.1 Parking spaces.** Parking spaces complying with *Section 11B-502* shall be identified by signs complying with *Section 11B-502.6*.

**Exceptions:**

1. **Reserved.**
2. In residential facilities, where parking spaces are assigned to specific residential dwelling units, identification of accessible parking spaces shall not be required.

**11B-216.5.2 Parking facilities.** Signs within parking facilities shall comply with 11B-216.5.2.

**11B-216.5.2.1 Signs intended for use by pedestrians.** *Signs intended for use by pedestrians within parking facilities, including directional or informational signs indicating parking sections or levels, shall comply with the requirements of Section 11B-216.*

**11B-216.5.2.2 Additional signs.** Signs within parking facilities containing parking spaces complying with Section 11B-502 shall comply with 11B-502.8.

**REASON:** DSA-AC is proposing to restructure this section to clarify the requirements for signs within parking facilities. A scoping section for the additional sign required at each entrance to an off-street parking facility or immediately adjacent to on-site accessible parking is being added. These amendments will provide clarity and consistency for code users.

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## ITEM 11B.XX

### DIVISION 2: SCOPING REQUIREMENTS

#### 11B-216 Signs

**11B-216.6 Entrances.** *In existing buildings and facilities where not all entrances comply with Section 11B-404, entrances complying with Section 11B-404 shall be identified by the International Symbol of*

Accessibility complying with Section 11B-703.7.2.1. Directional signs complying with Section 11B-703.5 that indicate the location of the nearest entrance complying with Section 11B-404 shall be provided at entrances that do not comply with Section 11B-404. Directional signs complying with Section 11B-703.5, including the International Symbol of Accessibility complying with Section 11B-703.7.2.1, indicating the accessible route to the nearest accessible entrance shall be provided at junctions when the accessible route diverges from the regular circulation path.

**Exceptions: Exception:**

- ~~1. An International Symbol of Accessibility is not required at entrances to individual rooms, suites, offices, sales or rental establishments, or other such spaces when all entrances to the building or facility are accessible and persons entering the building or facility have passed through one or more entrances with signage complying with this section.~~
2. An International Symbol of Accessibility is not required at entrances to machinery spaces frequented only by service personnel for maintenance, repair, or occasional monitoring of equipment; for example, elevator pits or elevator penthouses; mechanical, electrical or communications equipment rooms; piping or equipment catwalks; electric substations and transformer vaults; and highway and tunnel utility facilities.

**REASON:** DSA-AC is proposing to repeal Exception 1 to Section 11B-216.6. The language of Exception 1 was carried forward from the 2010 CA Building Code, Section 11B-5.8.1.2, which required an ISA at all accessible entrances. CA Building Code, Section 11B-216.6 requires that accessible entrances in existing building and facilities be identified with an ISA only when not all entrances are accessible. In the new 2013 CA Building Code context, Exception 1 contradicts the requirements of the 2010 ADA Standards by eliminating the requirement to identify accessible entrances, when in fact, the accessible entrances should be identified. Repealing Exception 1 will provide clarity and consistency for code users and aid person with disabilities in locating accessible entrances in existing buildings.

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**ITEM 11B.XX**

**DIVISION 2: SCOPING REQUIREMENTS**

**11B-216 Signs**

**11B-216.6 Entrances.** In existing buildings and facilities where not all entrances comply with Section 11B-404, entrances complying with Section 11B-404 shall be identified by the International Symbol of Accessibility complying with Section 11B-703.7.2.1. Directional signs complying with Section 11B-703.5 that indicate the location of the nearest entrance complying with Section 11B-404 shall be provided at entrances that do not comply with Section 11B-404. Directional signs complying with Section 11B-703.5, including the International Symbol of Accessibility complying with Section 11B-703.7.2.1, indicating the accessible route to the nearest accessible entrance shall be provided at junctions when the accessible route diverges from the regular circulation path.

**Exceptions: Exception:**

4. An International Symbol of Accessibility is not required at entrances to individual rooms, suites, offices, sales or rental establishments, or other such spaces when all entrances to the building or facility are accessible and persons entering the building or facility have passed through one or more entrances with signage complying with this section.
- ~~2. An International Symbol of Accessibility is not required at entrances to machinery spaces frequented only by service personnel for maintenance, repair, or occasional monitoring of~~

~~equipment; for example, elevator pits or elevator penthouses; mechanical, electrical or communications equipment rooms; piping or equipment catwalks; electric substations and transformer vaults; and highway and tunnel utility facilities.~~

**REASON:** DSA-AC is proposing to repeal Exception 2 to Section 11B-216.6. Section 11B-203.5 contains a general exception for machinery spaces from the accessibility requirements of Chapter 11B. Section 11B-206.5.2 contains a requirement for accessibility only at doors, doorways and gates serving rooms required to be accessible by Chapter 11B. Doors to machinery spaces are not required to be accessible by the scoping provisions of Chapter 11B, Division 2; therefore, an exception to the requirement to provide an ISA in Section 11B-216.6 is redundant and unnecessary. This amendment will remove an unnecessary code provision, and improve clarity and consistency for code users.

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## ITEM 11B.XX

### DIVISION 2: SCOPING REQUIREMENTS

#### 11B-216 Signs

##### ~~11B-216.13 Cleaner Air Symbol.~~

~~**11B-216.13.1 Use of Cleaner Air Symbol.** Use of the Cleaner Air Symbol is voluntary. Where publicly funded facilities or any facilities leased or rented by the State of California, not including concessionaires, comply with the conditions of use identified in Section 11B-216.13.3, a Cleaner Air Symbol complying with Section 11B-703.7.2.5 is permitted to be posted in compliance with Section 11B-216.3 to indicate rooms, facilities, and path of travels that are accessible to and usable by people who are adversely impacted by airborne chemicals or particulates and/or the use of electrical fixtures and/or devices.~~

~~**11B-216.13.2 Removal of Cleaner Air Symbol.** If the path of travel, room and/or facility identified by the Cleaner Air Symbol should temporarily or permanently cease to meet the minimum conditions of use identified in Section 11B-216.13.3, the Cleaner Air Symbol shall be removed and shall not be replaced until the minimum conditions are again met.~~

~~**11B-216.13.3 Conditions of use.** The Cleaner Air Symbol shall be permitted for use to identify a path of travel, and a room or a facility when the following is met:~~

- ~~1. Floor or wall coverings, floor or wall covering adhesives, carpets, formaldehyde-emitting particleboard cabinetry, cupboards or doors have not been installed or replaced in the previous 12 months.~~
- ~~2. Incandescent lighting provided in lieu of fluorescent or halogen lighting, and electrical systems and equipment shall be operable by or on behalf of the occupant or user of the room, facility or path of travel.~~
- ~~3. Heating, ventilation, air conditioning and their controls shall be operable by or on behalf of the occupant or user.~~
- ~~4. To maintain "cleaner air" designation only nonirritating, nontoxic products will be used in cleaning, maintenance, disinfection, pest management or for any minimal touch-ups that are essential for occupancy of the area. Deodorizers or Fragrance Emission Devices and Systems (FEDS) shall not be used in the designated area. Pest control practices for cleaner air areas shall include the use of bait stations using boric acid, sticky traps and silicon caulk for sealing cracks and crevices. Areas shall be routinely monitored for pest problems.~~



~~Additional nontoxic treatment methods, such as temperature extremes for termites, may be employed in the event of more urgent problems. These pest control practices shall not be used 48 hours prior to placement of the sign, and the facility shall be ventilated with outside air for a minimum of 24 hours following use or application.~~

~~5. Signage shall be posted requesting occupants or users not to smoke or wear perfumes, colognes or scented personal care products. Fragranced products shall not be used in the designated cleaner air room, facility or path of travel.~~

~~6. A log shall be maintained on site, accessible to the public either in person or by telephone, e-mail, fax or other accessible means as requested. One or more individuals shall be designated to maintain the log. The log shall record any product or practice used in the cleaner air designated room, facility or path of travel, as well as scheduled activities, that may impact the cleaner air designation. The log shall also include the product label as well as the Material Safety Data Sheets (MSDS).~~

#### **11B-216.14 11B-216.13 Variable message signs. ...**

**REASON:** DSA-AC is proposing an amendment to repeal the requirements for providing the Cleaner Air Symbol for the following reasons:

1. The provisions regarding the use of the Cleaner Air Symbol were first included in the 2001 California Building Code. Since that time the Green Building Code (GBC) and Leadership in Energy & Environmental Design (LEED) standards were developed to address this and related issues on a broader scale than required in 11B-216.13.3. The new GBC and LEED standards apply to the entire building rather than a selected area within the building.
2. Governor Brown issued an Executive Order B-18-12 that requires buildings owned or leased by the State to meet LEED Silver Certification. The executive order addresses indoor environmental air quality and requires the use of environmentally preferable products that have a reduced effect on human health and the environment. The use of the Cleaner Air Symbol has always been voluntary whereas complying with the executive order is mandatory.
3. Material Safety Data Sheets (MSDS) are currently required to be made available and be maintained on site in compliance with public service employee union contracts.
4. The current Chapter 11B provisions represent a request for reasonable accommodation under Title I of the Americans with Disabilities Act. They are not enforceable building code requirements.

Section 11B-216.14 Variable Message Signs will be renumbered as Section 11B-216.13 consistent with model code format.

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### **ITEM 11B.XX – RELATED CODE AMENDMENT**

#### **DIVISION 7: COMMUNICATION ELEMENTS AND FEATURES**

#### **11B-703.7 Symbols of accessibility. ...**

##### **11B-703.7.2 Symbols**

~~**11B-703.7.2.5 Cleaner Air Symbol. Reserved.** Rooms, facilities and paths of travel that are accessible to and usable by people who are adversely impacted by airborne chemicals or particulate(s) and/or the use of electrical fixtures and/or devices shall be identified by the Cleaner Air Symbol complying with Figure 11B-703.7.2.5. This symbol is to be used strictly for~~

~~publicly funded facilities or any facilities leased or rented by state of California, not concessionaires.~~

~~The symbol, which shall include the text "Cleaner Air" as shown, shall be displayed either as a negative or positive image within a square that is a minimum of 6 inches (152 mm) on each side. The symbol may be shown in black and white or in color. When color is used, it shall be Federal Blue (Color No. 15090 Federal Standard 595B) on white, or white on Federal Blue. There shall be at least a 70-percent color contrast between the background of the sign from the surface that it is mounted on.~~



~~Figure 11B-703.7.2.5  
Cleaner Air Symbol~~

**REASON:** DSA-AC is proposing to repeal this section in conjunction with Item XXX, Section 11B-216.13.3 *Conditions of use*.

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## ITEM 11B.XX

### DIVISION 2: SCOPING REQUIREMENTS

#### 11B-219 Assistive listening systems

**11B-219.2 Required systems.** *An assistive listening system shall be provided in assembly areas, including conference and meeting rooms.*

**Exception:** **Exceptions:**

1. *This section does not apply to systems used exclusively for paging, background music, or a combination of these two uses.*
2. ~~*This section does not apply to conference or meeting rooms, without fixed seating, used exclusively by employees.*~~

**REASON:** DSA-AC is proposing an amendment to this section to clarify the requirements for assistive listening systems in areas used exclusively by employees. The requirement to provide a portable assistive listening system in conference or meeting rooms, restricted to employee use, is not readily enforceable by local code jurisdictions.

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## ITEM 11B.XX

### DIVISION 2: SCOPING REQUIREMENTS

## 11B-221 Assembly areas

**11B-221.2 Wheelchair spaces.** Wheelchair spaces complying with Section 11B-221.2 shall be provided in assembly areas with fixed seating.

**NOTE:** *When required wheelchair spaces are not occupied by persons eligible for those spaces, individual, removable seats may be placed in those spaces.*

**11B-221.2.4 Temporary structures.** Wheelchair spaces shall not be located on, or be obstructed by, temporary platforms or other movable structures.

**Exception:** *When an entire seating section is placed on temporary platforms or other movable structures in an area where fixed seating is not provided, in order to increase seating for an event, wheelchair spaces may be placed in that section.*

**NOTE:** *When required wheelchair spaces are not occupied by persons eligible for those spaces, individual, removable seats may be placed in those spaces.*

**REASON:** DSA-AC is proposing to amend this section to relocate the “Note” referring to placing individual, removable seats in wheelchair spaces not occupied by persons eligible to use those spaces. The “Note” is currently located beneath Section 11B-221.2.4 and appears to address wheelchair spaces associated with temporary structures only. The “Note” is being relocated to Section 11B-221.2 to indicate it is applicable to all wheelchair spaces. This is an amendment without regulatory effect.

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## ITEM 11B.XX

### DIVISION 2: SCOPING REQUIREMENTS

#### 11B-233 Residential facilities.

##### 11B-233.3 Public housing facilities. ...

**11B-233.3.1.2.4. Multi-story residential dwelling units.** *In elevator buildings, public housing facilities with multi-story residential dwelling units shall comply with the following:*

**Exception:** *In non-elevator buildings, a minimum of 10 percent but not less than one of the ground floor multi-story residential dwelling units shall comply with Section 11B-233.3.1.2.4, calculated using the total number of multi-story residential dwelling units in buildings on a site.*

1. *The primary entry of the multi-story residential dwelling unit shall be on an accessible route. In buildings with elevators the primary entry shall be on the floor served by the elevator.*
2. *At least one powder room or bathroom shall be located on the primary entry level.*
3. *Rooms or spaces located on the primary entry level shall be served by an accessible route and comply with Chapter 11A, Division IV – Dwelling Unit Features.*

**Exception:** *In non-elevator buildings, a minimum of 10 percent but not less than one of the ground floor multi-story residential dwelling units shall comply with Section 11B-233.3.1.2.4, calculated using the total number of multi-story residential dwelling units in buildings on a site.*

**REASON:** DSA-AC is proposing an amendment to reorganize the provisions of this section. This

amendment is editorial and has no regulatory effect. This amendment will provide clarity and consistency for code users.

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**ITEM 11B.XX**  
**DIVISION 2: SCOPING REQUIREMENTS**

**11B-233 Residential facilities.**  
**11B-233.3 Public housing facilities. ...**

**11B-233.3.3 Additions.** Where an addition to an existing *public housing facility* results in an increase in the number of residential dwelling units, the requirements of *Section 11B-233.3.1* shall apply only to the residential dwelling units that are added until the total number of residential dwelling units complies with the minimum number required by *Section 11B-233.3.1*. *Providing residential dwelling units complying with Section 11B-233.3.1.1 shall take priority. When that number is satisfied additional units shall comply with Section 11B-233.3.1.2.* Residential dwelling units required to comply with *Sections 11B-233.3.1.1 and 11B-233.3.1.2* shall be on an accessible route as required by *Section 11B-206*.

**REASON:** DSA-AC is proposing an amendment to clarify the requirement that the number of units with mobility features will take priority and any residential dwelling units that are accessible with adaptable features will be provided once the required number of units with mobility features has been met. This amendment ensures that when an addition is undertaken to a building where no units with mobility features or accessible units with adaptable features currently exist the first units provided are the units with mobility features. By providing the units with mobility features as a priority the more stringent requirements of the model code are met. This amendment provides clarity and consistency for the code user.

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**ITEM 11B.XX**  
**DIVISION 2: SCOPING REQUIREMENTS**

**11B-233 Residential facilities.**  
**11B-233.3 Public housing facilities. ...**

**11B-233.3.4 Alterations.** Alterations *to a public housing facility* shall comply with *Section 11B-233.3.4*.

**Exception:** Where compliance with *Section 11B-809.2, 11B-809.3, or 11B-809.4* is technically infeasible, or where it is technically infeasible to provide an accessible route to a residential dwelling unit, the entity shall be permitted to alter or construct a comparable residential dwelling unit to comply with *Sections 11B-809.2 through 11B-809.4* provided that the minimum number of residential dwelling units required by *Sections 11B-233.3.1.1, 11B-233.3.1.2 and 11B-233.3.1.3*, as applicable, is satisfied. *Providing residential dwelling units complying with Section 11B-233.3.1.1 shall take priority. When that number is satisfied additional units shall comply with Section 11B-233.3.1.2.*

**REASON:** DSA-AC is proposing an amendment to clarify the requirement that the number of units with mobility features will take priority and any residential dwelling units that are accessible with adaptable features will be provided once the required number of units with mobility features has been met. The reference to *Section 11B-233.3.1.2* would require a higher standard of alterations to accessible units with adaptable features. Accessible units with adaptable features are required to comply with Chapter 11A, Division IV rather than *Sections 11B-809.2, 11B-809.3, or 11B-809.4*.

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**ITEM 11B.XX****DIVISION 2: SCOPING REQUIREMENTS****11B-233 Residential facilities.****11B-233.3 Public housing facilities. ...****11B-233.3.4 Alterations. ...**

**11B-233.3.4.2 Alterations to individual residential dwelling units.** In *public housing facilities* with individual residential dwelling units, where a bathroom or a kitchen is substantially altered, and at least one other room is altered, the requirements of *Section 11B-233.3.1* shall apply to the altered residential dwelling units until the total number of residential dwelling units complies with the minimum number required by *Sections 11B-233.3.1.1, 11B-233.3.1.2, and 11B-233.3.1.3.*

*Providing residential dwelling units complying with Section 11B-233.3.1.1 shall take priority. When that number is satisfied additional units shall comply with Section 11B-233.3.1.2.* Residential dwelling units required to comply with *Sections 11B-233.3.1.1 and 11B-233.3.1.2* shall be on an accessible route as required by *Section 11B-206.*

**REASON:** DSA-AC is proposing an amendment to clarify the requirement that the number of units with mobility features will take priority and any residential dwelling units that are accessible with adaptable features will be provided once the required number of units with mobility features has been met.

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**ITEM 11B.XX****DIVISION 4: ACCESSIBLE ROUTES****11B-403 Walking surfaces****11B-403.5 Clearances. ...**

**11B-403.5.1 Clear width.** Except as provided in *Sections 11B-403.5.2 and 11B-403.5.3, and unless otherwise specified,* the clear width of walking surfaces shall be 36 inches (914 mm) minimum. *The clear width for walking surfaces in corridors serving an occupant load of 10 or more shall be 44 inches (1118 mm) minimum. The clear width for aisles shall be 36 inches (914 mm) minimum if serving elements on only one side, and 44 inches (1118 mm) minimum if serving elements on both sides. The clear width for accessible routes to accessible toilet compartments shall be 44 inches (1118 mm) except for door-opening widths and door swings.*

**Exceptions: Exception:**

- ~~4. The clear width shall be permitted to be reduced to 32 inches (813 mm) minimum for a length of 24 inches (610 mm) maximum provided that reduced width segments are separated by segments that are 48 inches (1219 mm) long minimum and 36 inches (914 mm) wide minimum.~~
- ~~2. The clear width for walking surfaces in corridors serving an occupant load of 10 or more shall be 44 inches (1118 mm) minimum.~~
- ~~3. The clear width for sidewalks and walks shall be 48 inches (1219 mm) minimum. When, because of right-of-way restrictions, natural barriers or other existing conditions, the enforcing agency determines that compliance with the 48-inch (1219 mm) clear sidewalk~~

~~width would create an unreasonable hardship, the clear width may be reduced to 36 inches (914 mm).~~

~~4. The clear width for aisles shall be 36 inches (914 mm) minimum if serving elements on only one side, and 44 inches (1118 mm) minimum if serving elements on both sides.~~

~~5. The clear width for accessible routes to accessible toilet compartments shall be 44 inches (1118 mm) except for door opening widths and door swings.~~

**11B-403.5.1.1 Sidewalks.** ~~The clear width for sidewalks and walks shall be 48 inches (1219 mm) minimum. When, because of right-of-way restrictions, utility poles, street lights, traffic signal hardware, natural barriers or other existing conditions, the enforcing agency determines that compliance with the 48-inch (1219 mm) clear sidewalk width would create an unreasonable hardship, the clear width shall be permitted to be reduced to 36 inches (914 mm) for a length of 24 inches (610 mm) maximum provided that reduced width segments are separated by segments that are 48 inches (1219 mm) long minimum and 48 inches (1219 mm) wide minimum.~~

**REASON:** DSA-AC is proposing to restructure this section to clarify the requirements for clear width of walking surfaces and the application of the exception permitting a reduction in clear width to 32 inches minimum for a length of 24 inches maximum. In addition, DSA-AC is proposing an amendment to the clear width requirements for sidewalks to add existing utility poles, street lights and traffic signal hardware to the list of elements for which the sidewalk clear width requirement may be reduced from 48 inches to 36 inches. Language is being added to specify the maximum length of the reduced width segments of sidewalk and require a minimum separation between the reduced width segments. An exception permitting a 36 inch clear width of sidewalks for limited distances would provide relief for state and local agencies from the need to obtain easements with adjacent private property owners to achieve a 48 inch clear width where obstructions currently exist.

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## ITEM 11B.XX

### DIVISION 4: ACCESSIBLE ROUTES

#### 11B-411 Destination-oriented elevators

##### 11B-411.1 General. ...

###### 11B-411.1.1 Floor designations. ...

**11B-411.1.2 Car designations.** ~~Elevator cars shall be designated with a single alphabetic character. For elevators programmed to the same hall call console or group of hall call consoles, each elevator car shall be designated with a different single alphabetic character.~~

**Exception:** *Elevator systems with more than 26 elevators shall be permitted to use alpha-numeric designations such as "A1".*

**REASON:** DSA-AC is proposing an amendment to this section to clarify the requirements for car designations. Existing code provisions do not address the requirement to provide a different alphabetic character for designation for each elevator, which is critical for differentiation to recognize the assigned elevator. This amendment will provide clarity for code users.

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**ITEM 11B.XX****DIVISION 4: ACCESSIBLE ROUTES****11B-411 Destination-oriented elevators****11B-411.2 Elevator landing requirements. ...****11B-411.2.1 Hall call consoles. ...**

**11B-411.2.1.2 Required features.** Hall call consoles shall include a touch screen or keypad with display screen, an accessibility function button, and audio output loudspeaker.

**11B-411.2.1.2.1 Keypads. ...**

**11B-411.2.1.2.2 Touch screen.** Touch screen display shall comply with Section 11B-411.2.1.2.4. ~~The touch screen shall provide written or visual instruction on the screen as to its use.~~

**11B-411.2.1.2.3 Accessibility function button. ...**

**11B-411.2.1.2.4 Display screen.** Upon activation of the accessibility function button, the display screen shall display information on the location and use of the star (★) and minus sign (-) buttons, user input confirmation, elevator assignment characters, direction to the assigned elevator, and error messages. The display screen shall comply with Section 11B-411.2.1.2.4.

**11B-411.2.1.2.4.1 Contrast. ...****11B-411.2.1.2.4.2 Size. ...****11B-411.2.1.2.4.3 Duration. ...****11B-411.2.1.2.5 Audio output. ...**

**REASON:** DSA-AC is proposing an amendment to this section to clarify the requirements for hall call consoles. The language in Section 11B-411.2.1.2.2 requiring the touch screen to provide written or visual instruction is being repealed because Section 11B-411.2.1.2.4 requires that upon activation of the accessibility function button, the display screen shall provide information. With respect to accessibility functions and features, the information need not be provided unless the AFB is pressed. As a result the requirement in Section 11B-411.2.1.2.2 is unnecessary.

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**ITEM 11B.XX****DIVISION 4: ACCESSIBLE ROUTES****11B-411 Destination-oriented elevators****11B-411.2 Elevator landing requirements. ...****11B-411.2.1 Hall call consoles. ...**

**11B-411.2.1.2 Required features.** Hall call consoles shall include a touch screen or keypad with display screen, an accessibility function button, and audio output loudspeaker.

**11B-411.2.1.2.1 Keypads. ...**

**11B-411.2.1.2.2 Touch screen. ...**

**11B-411.2.1.2.3 Accessibility function button. ...**

**11B-411.2.1.2.4 Display screen.** Upon activation of the accessibility function button, the display screen shall display information ~~on the location and use of the star (★) and minus sign (-) buttons,~~ including but not limited to, operating instructions, user input confirmation, elevator assignment characters, direction to the assigned elevator, and error messages. The display screen shall comply with Section 11B-411.2.1.2.4.

**11B-411.2.1.2.4.1 Contrast. ...**

**11B-411.2.1.2.4.2 Size. ...**

**11B-411.2.1.2.4.3 Duration. ...**

**11B-411.2.1.2.5 Audio output. ..**

**REASON:** DSA-AC is proposing an amendment to this section to clarify the requirements for hall call consoles. Deleting "location and use of the \* and - buttons" and adding the term "including but not limited to, operating instructions" requires the inclusion of instruction on the use of the (-) button only if applicable. This amendment does not limit an elevator manufacturer in providing key information on operation of the system provided to a user with a hearing impairment in the assignment to an elevator.

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**ITEM 11B.XX**

**DIVISION 4: ACCESSIBLE ROUTES**

**11B-411 Destination-oriented elevators**

**11B-411.2 Elevator landing requirements. ...**

**11B-411.2.1 Hall call consoles. ...**

**11B-411.2.1.2 Required features.** Hall call consoles shall include a touch screen or keypad with display screen, an accessibility function button, and audio output loudspeaker.

**11B-411.2.1.2.1 Keypads. ...**

**11B-411.2.1.2.2 Touch screen. ...**

**11B-411.2.1.2.3 Accessibility function button. ...**

**11B-411.2.1.2.4 Display screen. ...**

**11B-411.2.1.2.5 Audio output.** Upon activation of the accessibility function button, the audio output shall provide verbal announcements, including but not limited to, ~~of operating instructions, location and use of the star (★) and minus sign (-) buttons,~~ user input confirmation, announcement of the elevator assignment characters, direction to the assigned elevator, and error messages. Audio output shall be recorded or digitized human speech, and shall be delivered through a loudspeaker. Auditory volume shall be at least 10 dB above ambient sound level, but shall not exceed 80 dB, measured 36 inches (914 mm) in front of the console. At hall call console locations where the ambient sound level varies, auditory volume shall be maintained at the required volume by an automatic gain control or shall be set at not less than 75 dB.



**REASON:** DSA-AC is proposing an amendment to this section to clarify the requirements for hall call consoles. Deleting "location and use of the \* and - buttons" and adding the term "including but not limited to," requires the inclusion of instruction on the use of the (-) button only if applicable. This amendment does not limit an elevator manufacturer in providing key information on operation of the system provided to a user with a hearing impairment in the assignment to an elevator.

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**ITEM 11B.XX**

**DIVISION 5: GENERAL SITE AND BUILDING ELEMENTS**

**11B-502 Parking Spaces**

**11B-502.2 Vehicle spaces.** *Car and van parking spaces shall be 216 inches (5486 mm) long minimum. Car parking spaces shall be 108 inches (2743 mm) wide minimum and van parking spaces shall be 144 inches (3658 mm) wide minimum, shall be marked to define the width, and shall have an adjacent access aisle complying with Section 11B-502.3.*

**Exception: Exceptions:**

1. Van parking spaces shall be permitted to be 108 inches (2743 mm) wide minimum where the access aisle is 96 inches (2438 mm) wide minimum.
2. *Where parking spaces overhang a landscape area bordered with a curb 6 inches (152 mm) high maximum, the length of the parking space shall be permitted to be 192 inches (4876 mm) minimum.*

**REASON:** DSA-AC is proposing a new exception to this section which permits the required length of a van or parking space to be reduced in length when located perpendicular to a landscape area. When a car or van overhangs the landscape area, the curb functions as a wheel stop and the effective length of the parking space is not diminished.

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**ITEM 11B.XX**

**DIVISION 5: GENERAL SITE AND BUILDING ELEMENTS**

**11B-502 Parking spaces**

**11B-502.6 Identification. ...**

**11B-502.6.1 Finish and size. ...**

**11B-502.6.2 Minimum fine. ...**

**11B-502.6.3 Location. ...**

**11B-502.6.4 Marking.** *Each accessible car and van space shall have surface identification complying with either Section 11B-502.6.4.1 or 11B-502.6.4.2.*

**11B-502.6.4.1** *The parking space shall be marked with an International Symbol of Accessibility complying with Section 11B-703.7.2.1 in white on a blue background a minimum 36 inches wide by 36 inches high (914 mm x 914 mm). The centerline of the International Symbol of Accessibility shall be a maximum of 6 inches (152 mm) from the centerline of the parking space, its sides parallel to the length of the parking space and its lower corner at, or lower side aligned with, the end of the parking space length.*

**11B-502.6.4.2** The parking space shall be outlined in blue or painted blue and shall be marked with an International Symbol of Accessibility complying with Section 11B-703.7.2.1 a minimum 36 inches wide by 36 inches high (914 mm x 914 mm) in white or a suitable contrasting color. The centerline of the International Symbol of Accessibility shall be a maximum of 6 inches (152 mm) from the centerline of the parking space, its sides parallel to the length of the parking space and its lower corner at, or lower side aligned with, the end of the parking space.

**REASON:** DSA-AC is proposing an amendment consistent with CA Vehicle Code Section 22511.8(2)(A). When a parking space is outlined and marked with an ISA in white or a suitable contrasting color to indicate accessibility, the CA Vehicle Code requires the outline of the parking space to be in blue. CA Building Code Section 11B-502.6.4.2 does not specifically require the outline to be in blue. DSA-AC is amending this section to require a blue outline consistent with the requirements of the CA Vehicle Code to provide clarity and consistency for code users.

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## ITEM 11B.XX

### DIVISION 5: GENERAL SITE AND BUILDING ELEMENTS

#### 11B-502 Parking Spaces

**11B-502.7.2 Wheel stops.** A curb or wheel stop shall be provided if required to prevent encroachment of vehicles over the required clear width of adjacent accessible routes. Wheel stops shall be permitted to encroach 24 inches (610 mm) maximum into the required length of the parking space.

**REASON:** DSA-AC is proposing an amendment to clarify the required location of wheel stops within an accessible parking space. When wheel stops are located too far from the head of the parking space the ISA pavement marking may not be visible due to the location of the vehicle within the space. DSA-AC is proposing that the wheel stops encroach a maximum 24 inches into the length of the car or van space. This amendment will provide clarity and consistency for code users.

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## ITEM 11B.XX

### DIVISION 5: GENERAL SITE AND BUILDING ELEMENTS

#### 11B-505 Handrails

**11B-505.2 Where required.** Handrails shall be provided on both sides of stairs and ramps.

**Exceptions:**

1. In assembly areas, handrails shall not be required on both sides of aisle ramps where a handrail is provided at either side or within the aisle width.
2. Curb ramps do not require handrails.
3. At door landings, handrails are not required when the ramp run is less than 6 inches (152 mm) in rise or 72 inches (1829 mm) in length.

**11B-505.2.1 Orientation.** The orientation of at least one handrail shall be in the direction of the stair run, perpendicular to the direction of the stair nosing, and shall not reduce the minimum required width of the stair.

**REASON:** DSA-AC is proposing to amend this exception to correct an inadvertent error in the drafting of the 2013 CA Building Code. The provision for the orientation of at least one handrail perpendicular to the

stair nosing in the 2010 CBC was inadvertently omitted. This amendment will provide clarity and consistency for code users.

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**ITEM 11B.XX****DIVISION 6: PLUMBING ELEMENTS AND FACILITIES****11B-603 Toilet and bathing rooms****11B-603.2 Clearances. ...**

**11B-603.2.3 Door swing.** Doors shall not swing into the clear floor space or clearance required for any fixture. The door to the accessible water closet compartment shall be permitted to encroach into the turning space without limitation. Other than the door to the accessible water closet compartment, a door, in any position, ~~may~~ shall be permitted to encroach into the turning space by 12 inches (305 mm) maximum.

**Exceptions:**

1. **Reserved.**
2. Where the toilet room or bathing room is for individual use and a clear floor space complying with Section 11B-305.3 is provided within the room beyond the arc of the door swing, doors shall be permitted to swing into the clear floor space or clearance required for any fixture.

**REASON:** DSA-AC is proposing an amendment to this section to clarify the requirements for doors at toilet and bathing rooms. This section contains the requirement for doors other than the door to the accessible water closet compartment. DSA-AC is adding similar language to clarify the requirement for doors to the accessible water closet compartment. This amendment will provide clarity and consistency for code users.

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**ITEM 11B.XX****DIVISION 6: PLUMBING ELEMENTS AND FACILITIES****11B-603 Toilet and bathing rooms****11B-603.2 Clearances. ...**

**11B-603.2.3 Door swing.** Doors shall not swing into the clear floor space or clearance required for any fixture. *Other than the door to the accessible water closet compartment, a door, in any position, may encroach into the turning space by 12 inches (305 mm) maximum.*

**Exceptions:**

1. **Reserved.**
2. Where the toilet room or bathing room is for individual use and a clear floor space complying with Section 11B-305.3 is provided within the room beyond the arc of the door swing, doors shall be permitted to swing into the clear floor space or clearance required for any fixture.

3. In residential dwelling units complying with Section 11B-233.3.1.1, doors shall be permitted to swing over the turning space without limitation.

**REASON:** DSA-AC is proposing an amendment to the requirement for the overlap of the door swing and the turning space in toilet and bathing facilities in residential dwelling units. This change is consistent with the requirements in the 2010 ADAS and does not impose a requirement for additional space at the toilet and bathing facilities in residential dwelling units with mobility features.

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**ITEM 11B.XX****DIVISION 7: COMMUNICATION ELEMENTS AND FEATURES****11B-707 Automatic teller machines, fare machines and point-of-sale devices****11B-707.7 Display screen. ...**

**11B-707.7.1 Visibility.** The display screen shall be visible from a point located 40 inches (1016 mm) above the center of the clear floor space in front of the machine.

**11B-707.7.1.1 Vertically mounted display screen.** ~~Where display screens are mounted vertically or no more than 30 degrees tipped away from the viewer less than 30 degrees,~~ the center line of the display screen and other display devices shall be no more than 52 inches (1321 mm) above the floor or ground surface.

**11B-707.7.1.2 Angle-mounted display screen.** ~~Where display screens are mounted between 30 degrees and 60 degrees tipped away from the viewer 30 degrees to less than 60 degrees from vertical,~~ the center line of the display screen and other display devices shall be no more than 44 inches (1118 mm) above the floor or ground surface.

**11B-707.7.1.3 Horizontally mounted display screen.** ~~Where display screens are mounted no less than 60 degrees and no more than 90 degrees (horizontal) tipped away from the viewer 60 degrees to 90 degrees (horizontal) from vertical,~~ the center line of the display screen and other display devices shall be no more than 34 inches (864 mm) above the floor or ground surface.

**REASON:** Currently, the 2013 CA Building Code requirements for display screens are not clear regarding the mounting height of screens tipped away from the viewer at exactly 30 degrees or 60 degrees. DSA-AC is proposing an amendment to these sections to clarify the code requirements for angled display screens tipped at exactly 30 degrees or 60 degrees. These amendments will provide clarity and consistency for code users.

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**ITEM 11B.XX****DIVISION 8: SPECIAL ROOMS, SPACES, AND ELEMENTS****11B-805 Medical care and long-term care facilities**

**11B-805.5 Patient ~~change~~ changing areas.** Areas where patients change ~~or remove clothing~~ or are prepared for a procedure shall comply with Section 11B-222.

**REASON:** DSA-AC is proposing an amendment to clarify the intent of this section. This section is applicable to areas where patients change clothing or are prepared in some other manner for a medical procedure. These changing areas must comply with the requirements of Section 11B-222 for dressing, fitting and locker rooms. This amendment will provide clarity and consistency for code users.

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**Notation**

**Authority:** Government Code Section 4450.

**References:** Government Code Sections 4450 through 4461, and 12955.1(c) and Health and Safety

Code Sections 18949.1, 19952 through 19959.