

**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 (begin italic) *italics* (end italic), modified language is (begin underline) underlined. (end underline)
2. New California amendments: All such language appears (begin underline) (begin italic) *underlined and in italics*. (end italic) (end underline)
3. Repealed text: All such language appears in (begin strikeout) ~~strikeout~~. (end strikeout)

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

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

11B-208 Parking spaces

11B-208.3 Location. ...

11B-208.3.1 General. Parking spaces complying with *Section 11B-502* that serve a particular building or facility shall be located on the shortest accessible route from parking to an entrance complying with *Section 11B-206.4*. Where parking serves more than one accessible entrance, parking spaces complying with *Section 11B-502* shall be dispersed and located on the shortest accessible route to the accessible entrances. In parking facilities that do not serve a particular building or facility, parking spaces complying with *Section 11B-502* shall be located on the shortest accessible route to an accessible pedestrian entrance of the parking facility.

Exceptions:

1. (begin strikeout) ~~All~~ (end strikeout) (begin italic) (begin underline) *In existing facilities, all* (end underline) (end italic) van parking spaces shall be permitted to be grouped on one level within a multi-story parking facility.
2. Parking spaces shall be permitted to be located in different parking facilities if substantially equivalent or greater accessibility is provided in terms of distance from an accessible entrance or entrances, parking fee, and user convenience.

REASON: DSA-AC is proposing to amend Exception 1 to Section 11B-208.3.1 and related Section 11B-502.5 to allow van accessible parking spaces to be grouped on one level only in existing multi-story parking facilities and to allow car accessible parking spaces in existing multi-story parking facilities to

provide 80 inches minimum vertical clearance at the space, access aisle and vehicular routes serving them. These changes recognize the practical difficulty of requiring 98 inches of vertical clearance in existing multi-story parking facilities where the existing condition provides less than 98 inches of vertical clearance.

In this situation, current code enforcement practice typically is to determine compliance with the applicable requirements is technically infeasible and require equivalent facilitation or compliance with the requirements to the maximum extent feasible as allowed in Section 11B-202.3 Exception 2. This practice lends itself to a variety of solutions, some of which omit the dispersal of car accessible parking spaces in multi-story parking facilities which serve accessible building entrances on more than one story. The proposed changes provide for the dispersal of car accessible parking spaces in existing multi-story parking facilities where the minimum vertical clearance to and at these parking spaces is 80 inches minimum – consistent with the requirements of the 2010 ADA Standards for Accessible Design. The proposed changes do not alter the technically infeasible provisions in Section 11B-202.3 Exception 2. These amendments will provide clarity and consistency for code users.

ITEM 11B.XX – RELATED CODE AMENDMENT
DIVISION 5: GENERAL SITE AND BUILDING ELEMENTS

11B-502 Parking spaces

11B-502.5 Vertical clearance. Parking spaces, access aisles and vehicular routes serving them shall provide a vertical clearance of 98 inches (2489 mm) minimum.

(begin italic) (begin underline) **Exception:** *In existing multi-story parking facilities, car parking spaces, access aisles and vehicular routes serving them shall provide a vertical clearance of 80 inches (2032 mm) minimum.* (end underline) (end italic)

REASON: DSA-AC is proposing to amend this section to allow car accessible parking spaces in existing multi-story parking facilities to provide 80 inches minimum vertical clearance at the space, access aisle and vehicular routes serving them; this exception is not applicable to van accessible parking spaces. These changes recognize the practical difficulty of requiring 98 inches of vertical clearance in existing multi-story parking facilities where the existing condition provides less than 98 inches of vertical clearance. This proposal complies with the 2010 ADA Standards for Accessible Design requirement for 80 inches minimum vertical clearance at car accessible parking spaces, access aisles and vehicular routes serving them. These amendments will provide clarity and consistency for code users.

ITEM 11B.XX
DIVISION 2: SCOPING REQUIREMENTS

11B-213 Toilet facilities and bathing facilities

...

11B-213.2 Toilet rooms and bathing rooms. Where toilet rooms are provided, each toilet room shall comply with *Section 11B-603*. Where bathing rooms are provided, each bathing room shall comply with *Section 11B-603*.

Exceptions:

1. In alterations where it is technically infeasible to comply with *Section 11B-603*, altering existing toilet or bathing rooms shall not be required where a single (begin strikeout) ~~unisex~~ (end strikeout) (begin italic) (begin underline) gender-neutral (end underline) (end italic) toilet room or bathing room complying with *Section 11B-213.2.1* is provided and located in the same area and on the same floor as existing inaccessible toilet or bathing rooms.
2. ...
3. ...
4. ...
5. ...

11B-213.2.1 (begin strikeout) ~~Unisex (single-use or family)~~ (end strikeout) (begin italic) (begin underline) Single-user or family (end underline) (end italic) **toilet and** (begin strikeout) ~~unisex~~ (end strikeout) (begin italic) (begin underline) single-user or family (end underline) (end italic) **bathing rooms.** (begin strikeout) ~~Unisex~~ (end strikeout) (begin italic) (begin underline) Single-user or family (end underline) (end italic) toilet rooms shall contain not more than one lavatory, and *not more than* two water closets without urinals or one water closet and one urinal. (begin strikeout) ~~Unisex~~ (end strikeout) (begin italic) (begin underline) Single-user or family (end underline) (end italic) bathing rooms shall contain one shower or one shower and one bathtub, one lavatory, and one water closet. Doors to (begin strikeout) ~~unisex~~ (end strikeout) (begin italic) (begin underline) single-user or family (end underline) (end italic) toilet rooms and (begin strikeout) ~~unisex~~ (end strikeout) (begin italic) (begin underline) single-user or family (end underline) (end italic) bathing rooms shall have privacy latches.

(begin italic) **11B-213.2.2** (begin strikeout) ~~Unisex (patient)~~ (end strikeout) (begin underline) Single-user or family patient (end underline) **toilet rooms in medical care and long-term care facilities.** *Common-use* (begin strikeout) ~~unisex~~ (end strikeout) (begin underline) single-user or family patient (end underline) *toilet rooms for exclusive patient use not located within patient bedrooms shall contain a lavatory and one water closet.*

11B-213.2.3 (begin strikeout) ~~Unisex (patient)~~ (end strikeout) (begin underline) Single-user or family patient (end underline) **bathing rooms in medical care and long-term care facilities.** *Common-use* (begin strikeout) ~~unisex~~ (end strikeout) (begin underline) single-user or family patient (end underline) *bathing rooms for exclusive patient use not located within patient bedrooms shall contain one shower or one bathtub, one lavatory, and one water closet.* (end italic)

REASON: DSA-AC is proposing to amend these sections to clarify what is meant by the term “unisex”. Currently, the term “unisex” is used in two ways in the code, either 1) in reference to “single-user or family” toilet and bathing rooms or 2) in reference to “gender-neutral” toilet and bathing rooms. Clarification of the term is necessary to ensure scoping provisions are applied correctly. DSA-AC is proposing to replace the term “unisex” with “single-user or family” and “gender-neutral” as the context of the code indicates. These amendments will provide clarity and consistency for code users.

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

11B-202 Existing buildings and facilities

(begin italic) **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. When the adjusted construction cost is less than or equal to the current valuation threshold, as defined in Chapter 2, Section 202, the cost of compliance with Section 11B-202.4 shall be limited to 20 percent of the adjusted construction cost of alterations, structural repairs or additions. When the cost of full compliance with Section 11B-202.4 would exceed 20 percent, compliance shall be provided to the greatest extent possible without exceeding 20 percent.

When the adjusted construction cost exceeds the current valuation threshold, as defined in Chapter 2, Section 202, and the enforcing agency determines the cost of compliance with Section 11B-202.4 is an unreasonable hardship, as defined in Chapter 2, Section 202, full compliance with Section 11B-202.4 shall not be required. Compliance shall be provided by equivalent facilitation or to the greatest extent possible without creating an unreasonable hardship; but in no case shall the cost of compliance be less than 20 percent of the adjusted construction cost of alterations, structural repairs or additions. The details of the finding of unreasonable hardship shall be recorded and entered into the files of the enforcing agency and shall be subject to Chapter 1, Section 1.9.1.5, Special Conditions for Persons with Disabilities Requiring Appeals Action Ratification.

For the purposes of this exception, the adjusted construction cost of alterations, structural repairs or additions shall not include the cost of alterations to path of travel elements required to comply with Section 11B-202.4.

In choosing which accessible elements to provide, priority should be given to those elements that will provide the greatest access in the following order:

1. An accessible entrance;
2. An accessible route to the altered area;
3. At least one accessible restroom for each sex or a single accessible (begin strikeout) ~~unisex~~ (end strikeout) (begin underline) gender-neutral (end underline) restroom;
4. Accessible telephones;
5. Accessible drinking fountains; and
6. When possible, additional accessible elements such as parking, signs, storage and alarms.

If an area has been altered without providing an accessible path of travel to that area, and subsequent alterations of that area or a different area on the same path of travel are undertaken within three years of the original alteration, the total cost of alterations to the

areas on that path of travel during the preceding three-year period shall be considered in determining whether the cost of making that path of travel accessible is disproportionate.
(end italic)

9. ...

REASON: DSA-AC is proposing to amend this section by replacing the term “unisex” with “single-user or family” and “gender-neutral” as the context of the code indicates. This amendment will provide clarity and consistency for code users.

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

11B-222 Dressing, fitting, and locker rooms

11B-222.1 General. Where dressing rooms, fitting rooms, or locker rooms are provided, at least 5 percent, but no fewer than one, of each type of use in each cluster provided shall comply with *Section 11B-803*.

Exception: In alterations, where it is technically infeasible to provide rooms in accordance with *Section 11B-222.1*, one room for each sex on each level shall comply with *Section 11B-803*. Where only (begin strikeout) ~~unisex~~ (end strikeout) (begin italic) (begin underline) *gender-neutral* (end underline) (end italic) rooms are provided, (begin strikeout) ~~unisex~~ (end strikeout) (begin italic) (begin underline) *gender-neutral* (end underline) (end italic) rooms shall be permitted.

REASON: DSA-AC is proposing to amend this section by replacing the term “unisex” with “single-user or family” and “gender-neutral” as the context of the code indicates, in coordination with the changes to *Section 11B-213.2*. This amendment will provide clarity and consistency for code users.

ITEM 11B.XX – RELATED CODE AMENDMENT
DIVISION 7: COMMUNICATION ELEMENTS AND FEATURES

11B-703 Signs

11B-703.7 Symbols of accessibility. ...

11B-703.7.2 Symbols.

(begin italic) **11B-703.7.2.6.3** (begin strikeout) ~~Unisex~~ (end strikeout) (begin underline) *Gender-neutral* (end underline) **toilet and bathing facilities.** (begin strikeout) ~~Unisex~~ (end strikeout) (begin underline) *Gender-neutral* (end underline) *toilet and bathing facilities shall be identified by a circle, ¼ inch (6.4 mm) thick and 12 inches (305 mm) in diameter with a ¼ inch (6.4 mm) thick triangle with a vertex pointing upward superimposed on the circle and within the 12-inch (305 mm) diameter. The triangle symbol shall contrast with the circle symbol, either light on a dark background or dark on a light background. The circle symbol shall contrast with the door, either light on a dark background or dark on a light background.*

Exception: *Within secure perimeter of detention and correctional facilities, geometric symbols shall not be required to be ¼ inch (6.4 mm) thick.*

REASON: DSA-AC is proposing to amend this section by replacing the term “unisex” with “single-user or family” and “gender-neutral” as the context of the code indicates, in coordination with the changes to Section 11B-213.2. This amendment will provide clarity and consistency for code users.

ITEM 11B.XX

DIVISION 2: SCOPING REQUIREMENTS

11B-220 Automatic teller machines, fare machines (begin italic) **and point-of-sale devices** (end italic)

11B-220.1 (begin italic) **Automatic teller machines and fare machines.** (end italic) Where automatic teller machines or self-service fare vending, collection, or adjustment machines are provided (begin italic) *they shall comply with* (end italic) *Section 11B-220.1*. Where bins are provided for envelopes, waste paper, or other purposes, at least one of each type shall comply with *Section 11B-811*.

(begin italic) **11B-220.1.1 One automatic teller machine or fare machine.** *Where one automatic teller machine or fare machine is provided at a location, it shall comply with Sections 11B-707.2 through 11B-707.8.*

11B-220.1.2 Two automatic teller machines or fare machines. *Where two automatic teller machines or fare machines are provided at a location, one shall comply with Sections 11B-707.2 through 11B-707.8 and one shall comply with Sections (begin strikeout) ~~11B-309, 11B-707.2,~~ (end strikeout) (begin underline) 11B-707.3, (end underline) 11B-707.4, 11B-707.5, 11B-707.6, 11B-707.7.2 and 11B-707.8.*

11B-220.1.3 Three or more automatic teller machines or fare machines. *Where three or more automatic teller machines or fare machines are provided at a location, at least 50 percent shall comply with Sections 11B-707.2 through 11B-707.8 and the rest shall comply with Sections (begin strikeout) ~~11B-309, 11B-707.2,~~ (end strikeout) (begin underline) 11B-707.3, (end underline) 11B-707.4, 11B-707.5, 11B-707.6, 11B-707.7.2 and 11B-707.8.* (end italic)

REASON: DSA-AC is proposing amendments to this section to clarify the requirements for ATMs and fare machines. The accessibility provisions for ATMs require features for people who use mobility devices and other features for people with visual impairments. Where one ATM is provided, features for both user groups are required. Where two ATMs are provided, the first requires features for both user groups and the second requires features for people with visual impairments. Where three or more ATMs are provided, 50 percent of the ATMs require features for both user groups and the balance require features for people with visual impairments.

When these provisions for ATMs were brought forward from the 2010 CBC into the 2013 CBC, DSA-AC included referenced code sections which inadvertently expanded the technical requirements for ATMs which previously were only required to provide features for people with visual impairments. Specifically, reference to Sections 11B-309 (Operable Parts) and 11B-707.2 (Clear Floor or Ground Space) invoked directly and by reference the requirements for 30” x 48” clear floor space, knee and toe space, and operable parts within reach ranges for forward or side reach; these requirements are appropriate for use by people who use mobility devices but are not necessary for people with visual impairments.

References are being amended to correctly identify when compliance with clear floor space and reach range provisions are required. These amendments will provide clarity and consistency for code users.

ITEM 11B.XX – RELATED CODE AMENDMENT

DIVISION 7: COMMUNICATION ELEMENTS AND FEATURES

11B-707 Automatic teller machines, fare machines (begin italic) **and point-of-sale devices** (end italic)

11B-707.1 General. Automatic teller machines, fare machines (begin italic) *and point-of-sale devices* (end italic) shall comply with *Section 11B-707*.

11B-707.2 Clear floor or ground space. A clear floor or ground space complying with *Section 11B-305* shall be provided.

Exception: Clear floor or ground space shall not be required at drive-up only automatic teller machines and fare machines.

11B-707.3 Operable parts. Operable parts shall comply with *Section 11B-309*. Unless a clear or correct key is provided, each operable part shall be able to be differentiated by sound or touch, without activation.

(begin strikeout) **Exception:** (end strikeout) (begin italic) (begin underline) **Exceptions:** (end underline) (end italic)

1. Drive-up only automatic teller machines and fare machines shall not be required to comply with *Sections 11B-309.2 and 11B-309.3*.

2. (begin italic) (begin underline) *Where automatic teller machines and fare machines do not require compliance with 11B-707.2, compliance with 11B-309.2 and 11B-309.3 shall not be required.* (end underline) (end italic)

REASON: DSA-AC is proposing to amend this section to clarify the requirements for ATMs and fare machines. A new exception is being added to identify when compliance with clear floor space and reach range provisions is not required in coordination with related amendments proposed for Sections 11B-220.1.2 and 11B-220.1.3. This amendment will provide clarity and consistency for code users.

ITEM 11B.XX

DIVISION 2: SCOPING REQUIREMENTS

11B-220 Automatic teller machines, fare machines (begin italic) **and point-of-sale devices**

11B-220.2 Point-of-sale devices. *Where point-of-sale devices are provided, all devices at each location shall comply with Sections (begin strikeout) 11B-309.4, (end strikeout) 11B-707.3, (begin strikeout) and (end strikeout) 11B-707.7.2, (begin underline) and 11B-707.9. (end underline) (begin strikeout) In addition, point-of-sale systems that include a video touch screen or any other non-tactile keypad shall comply with either Section 11B-707.9.1.1 or 11B-707.9.1.2; (end strikeout) Where point-of-sale devices are provided at check stands and sales and service counters (begin underline) required to be accessible, (end underline) they shall comply with (begin strikeout) Section (end strikeout) (begin underline) Sections 11B-707.2, 11B-707.3, 11B-707.7.2, and 11B-707.9. (end underline) (begin strikeout) 11B-707.9.1, and shall also comply with Sections 11B-707.2, 11B-707.3 and 11B-707.4. (end strikeout)*

Exception: *Where a single point-of-sale device is installed for use with any type of motor fuel, it shall comply with Sections (begin strikeout) 11B-220.2 and 11B-309 (end strikeout) (begin underline) 11B-707.2, 11B-707.3, 11B-707.7.2, and 11B-707.9. (end underline) Where more than one point-of-sale*

device is installed for use with a specific type of motor fuel, a minimum of two for that type shall comply with Sections (begin strikeout) ~~11B-220.2 and 11B-309~~ (end strikeout) (begin underline) 11B-707.2, 11B-707.3, 11B-707.7.2, and 11B-707.9. (end underline) Types of motor fuel include, but are not limited to, gasoline, diesel, compressed natural gas, methanol, ethanol or electricity. (end italic)

REASON: DSA-AC is proposing amendments to this section to clarify the requirements for point-of-sale devices. The accessibility provisions for point-of-sale devices require features for people who use mobility devices and other features for people with visual impairments. Where point-of-sale devices are provided, features for people with visual impairments are required at all locations. Where point-of-sale devices are provided at check stands and service counters required to be accessible, these point-of-sale devices additionally require features for people who use mobility devices.

When the provisions for point-of-sale devices were brought forward from the 2010 CBC into the 2013 CBC, DSA-AC included referenced code sections which inadvertently expanded the technical requirements for point-of-sale devices which previously were only required to provide features for people with visual impairments. Specifically, reference to Sections 11B-309 (Operable Parts) and 11B-707.2 (Clear Floor or Ground Space) invoked directly and by reference the requirements for 30" x 48" clear floor space, knee and toe space, and operable parts within reach ranges for forward or side reach; these requirements are appropriate for use by people who use mobility devices but are not necessary for people with visual impairments.

References are being amended to correctly identify when compliance with clear floor space and reach range provisions are required. These amendments will provide clarity and consistency for code users.

ITEM 11B.XX – RELATED CODE AMENDMENT
DIVISION 7: COMMUNICATION ELEMENTS AND FEATURES

11B-707 Automatic teller machines, fare machines and point-of-sale devices

11B-707.1 General. Automatic teller machines, fare machines and point-of-sale devices shall comply with *Section 11B-707.*

11B-707.2 Clear floor or ground space. A clear floor or ground space complying with *Section 11B-305* shall be provided.

Exception: Clear floor or ground space shall not be required at drive-up only automatic teller machines and fare machines.

11B-707.3 Operable parts. Operable parts shall comply with *Section 11B-309.* Unless a clear or correct key is provided, each operable part shall be able to be differentiated by sound or touch, without activation.

(begin strikeout) **Exception:** (end strikeout) (begin italic) (begin underline) **Exceptions:** (end underline) (end italic)

1. Drive-up only automatic teller machines and fare machines shall not be required to comply with *Sections 11B-309.2 and 11B-309.3.*

2. (begin italic) (begin underline) *Where point-of-sale devices do not require compliance with 11B-707.2, compliance with 11B-309.2 and 11B-309.3 shall not be required.* (end underline) (end italic)

REASON: DSA-AC is proposing to amend this section to clarify the requirements for point-of-sale devices. A new exception is being added to identify when compliance with clear floor space and reach range provisions is not required in coordination with related amendments proposed for Sections 11B-220.2. This amendment will provide clarity and consistency for code users.

ITEM 11B.XX – RELATED CODE AMENDMENT
DIVISION 7: COMMUNICATION ELEMENTS AND FEATURES

(begin italic) **11B-707.9 Point-of-sale devices.** *Point-of-sale devices shall comply with Section 11B-707.9.*

11B-707.9.1 General. (begin strikeout) ~~Where point-of-sale devices are provided, all devices at each location shall comply with Sections 11B-309.4, 11B-707.3, and 11B-707.7.2. In addition, point-of-sale~~ (end strikeout) (begin underline) Point-of-sale (end underline) systems that include a video touch screen or any other non-tactile keypad shall be equipped with either of the following:

11B-707.9.1.1 Tactilely discernible numerical keypad. ...

11B-707.9.1.2 Other technology. ...

(begin strikeout) **11B-707.9.2 Point-of-sale devices at check stands and sales or service counters.** ~~Where point-of-sale devices are provided at check stands and sales or service counters, they shall comply with Section 11B-707.9.1, and shall also comply with Sections 11B-707.2, 11B-707.3 and 11B-707.4.~~ (end strikeout) (end italic)

REASON: DSA-AC is proposing to amend this section to clarify the requirements for point-of-sale devices. Consistent with model code format, duplicative scoping language located within this technical requirements section is being repealed in coordination with related amendments proposed for Section 11B-220.2. These amendments will provide clarity and consistency for code users.

ITEM 11B.XX
DIVISION 5: GENERAL SITE AND BUILDING ELEMENTS

11B-502 Parking spaces

11B-502.6 Identification. Parking space identification signs shall include the International Symbol of Accessibility complying with *Section 11B-703.7.2.1* (begin italic) (begin underline) in white on a blue background. (end underline) (end italic) Signs identifying van parking spaces shall contain *additional language or an additional sign* with the designation “van accessible.” Signs shall be 60 inches (1524 mm) minimum above the finish floor or ground surface measured to the bottom of the sign.

(begin italic) **Exception:** *Signs located within an accessible route shall be a minimum of 80 inches (2032 mm) above the finish floor or ground surface measured to the bottom of the sign.* (end italic)

REASON: DSA-AC is proposing to amend this exception to correct an inadvertent error in the drafting of the 2013 CA Building Code. The language of 2010 CA Building Code, Section 1129B.4 specifying the color of parking space identification signs displaying the International Symbol of Accessibility as white on a

blue background was omitted. Currently, the International Symbol of Accessibility on the parking space identification sign must comply with Section 11B-703.7.2.1 which calls for white on a blue background, but provides an exception for the use of other colors which were not allowed in the 2010 or prior codes. Amending this section to require “white on a blue background” without exception will provide specificity and consistency for code users.

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.