

**INITIAL STATEMENT OF REASONS  
FOR  
PROPOSED BUILDING STANDARDS  
OF THE  
DIVISION OF THE STATE ARCHITECT (DSA-AC)**

**REGARDING PROPOSED CHANGES TO  
THE CALIFORNIA BUILDING CODE  
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 2**

**2016 CALIFORNIA BUILDING CODE  
TRIENNIAL CODE CYCLE**

The Administrative Procedure Act (APA) requires that an Initial Statement of Reasons be available to the public upon request when rulemaking action is being undertaken. The following information required by the APA pertains to this particular rulemaking action:

**STATEMENT OF SPECIFIC PURPOSE, PROBLEM, RATIONALE and BENEFITS:**

California Government Code Section 4450 directs the State Architect to develop and submit proposed building standards to the California Building Standards Commission (CBSC) for approval and adoption pursuant to Health and Safety Code Section 18935 for the purpose of making buildings, structures, sidewalks, curbs, and related facilities accessible to and usable by persons with disabilities.

This proposed regulatory action by DSA-AC will provide greater consistency and clarity for code users by:

- Repealing DSA-AC's adoption of the 2012 edition of the IBC.
- Adopting selected portions of the 2015 edition of the IBC.
- Adopting new California accessibility amendments for electric vehicle charging stations into 2016 CBC, Chapter 11B.
- Adopting existing California accessibility amendments carried forward from the 2013 CBC and incorporated into the 2016 CBC.
- Amending existing California accessibility amendments from the 2013 CBC and incorporating into the 2016 CBC.
- Codifying non-substantive editorial and formatting amendments.

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**ITEM 1.1.00**

**CHAPTER 1, DIVISION I – Matrix Adoption Table**

**REASON:** DSA-AC proposes to carry forward its adoption of existing California amendments in Chapter 1, Division I, from the 2013 CA Building Code into the 2016 CA Building Code, with further amendment as indicated.

**CODE ADVISORY COMMITTEE: No Action Required** (Matrix Adoption Table)

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**ITEM 1.1.01**

**CHAPTER 1, DIVISION I**

**Section 1.1 General**

**Section 1.2 Building Standards Commission**

**Section 1.9 Division of the State Architect**

**REASON:** DSA-AC is proposing to amend the model code to carry forward and incorporate existing administrative provisions of the 2013 CA Building Code into the 2016 CA Building Code. In addition, a typographical error in Section 1.1.3.2, Item 17 is being corrected; "Chapters 11B" is being amended to read "Chapter 11B".

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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**ITEM 1.2.00**

**CHAPTER 1, DIVISION II – Matrix Adoption Table**

**REASON:** DSA-AC proposes to carry forward its adoption of specific model code provisions in Chapter 1, Division II, from the 2013 CA Building Code into the 2016 CA Building Code, with existing amendments.

**CODE ADVISORY COMMITTEE: No Action Required** (Matrix Adoption Table)

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**ITEM 1.2.01**

**CHAPTER 1, DIVISION II**

**Part 1, Section 101 General**

**Part 1, Section 104 Duties and Powers of Building Official**

**Part 1, Section 111 Certificate of Occupancy**

**REASON:** DSA-AC is proposing to carry forward its adoption of these model code sections from the 2013 CA Building Code into the 2016 CA Building Code with existing amendments.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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**ITEM 2.00**

**CHAPTER 2 – Matrix Adoption Table**

**REASON:** DSA-AC proposes to carry forward its adoption of specific model code definitions and California amendments in Chapter 2, from the 2013 CA Building Code into the 2016 CA Building Code, with further amendment as indicated.

**CODE ADVISORY COMMITTEE: No Action Required** (Matrix Adoption Table)

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**ITEM 2.01**

**CHAPTER 2**

## Section 202 Definitions

**REASON:** DSA-AC is amending the model code to carry forward and incorporate existing accessibility provisions of the 2013 CA Building Code into the 2016 CA Building Code.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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### ITEM 2.02

#### CHAPTER 2

#### Section 202 Definitions

#### Definition of ACCESSIBLE

**REASON:** DSA-AC is proposing to delete the model code definition of “accessible” which includes a reference to Chapter 11, and carry forward the adoption of the 2013 CA Building Code definition of “accessible”. This amendment will provide consistency for code users.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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### ITEM 2.03

#### CHAPTER 2

#### Section 202 Definitions

#### Definition of ACCESSIBLE ROUTE

**REASON:** DSA-AC is proposing to delete the model code definition of “accessible route” which includes a reference to Chapter 11, and carry forward the adoption of the 2013 CA Building Code definition of “accessible route”. This amendment will provide consistency for code users.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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### ITEM 2.04

#### CHAPTER 2

#### Section 202 Definitions

#### Definition of ADJUSTED CONSTRUCTION COST

**REASON:** DSA-AC is proposing to add a new definition for the term “adjusted construction cost” in coordination with the related code change to Section 11B-202.4, Exception 8 (see Item 2.04.02 below). The new definition will clarify which costs, fees and expenses are included or not included in the Adjusted Construction Cost. The definition also prohibits the reduction of the adjusted construction cost by the value of components, assemblies, building equipment or construction not directly associated with accessibility or usability. This will ensure that an appropriate budget for path of travel upgrades will be established, both for 1) projects whose adjusted construction cost is at or below the valuation threshold or 2) that are seeking a determination of unreasonable hardship. The adoption of this new definition will provide clarity and consistency for code users.

#### **CODE ADVISORY COMMITTEE: Short Term Further Study**

The Code Advisory Committee recommended further short term study of the proposed new definition of ADJUSTED CONSTRUCTION COST to provide additional clarity as to which fees are included. Additionally, it was suggested that the proposed new definition was in conflict with the provisions of Part 1, Chapter 5. After further study, DSA-AC is carrying forward its proposed new definition of ADJUSTED

CONSTRUCTION COST with further amendment to better clarify which costs, fees and expenses are included or not included in the adjusted construction cost. The proposed new definition is not in conflict with Part1, Chapter 5, Section 5-105 which refers to project cost rather than construction cost.

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**ITEM 2.04.01 – RELATED CODE AMENDMENT**

**CHAPTER 11B**

**DIVISION 1: APPLICATION AND ADMINISTRATION**

**11B-106.5 Defined terms.**

**REASON:** DSA-AC is proposing to add a new definition for the term “adjusted construction cost”.

**CODE ADVISORY COMMITTEE: Short Term Further Study**

DSA-AC is carrying forward its proposed new definition of ADJUSTED CONSTRUCTION COST, with further amendment.

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**ITEM 2.04.02 – RELATED CODE AMENDMENT**

**CHAPTER 11B**

**DIVISION 2: SCOPING REQUIREMENTS**

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

**11B-202.4 Path of travel requirements in alterations, additions and structural repairs.**

**Exception 8**

**REASON:** DSA-AC is proposing an amendment to Exception 8 in coordination with the adoption of a new definition for the term “adjusted construction cost”. The amendment to Exception 8 will clarify which costs, fees and expenses are included or not included in the Adjusted Construction Cost. Providing this clarification will aid code users when calculating the cost of compliance of 20 percent of the adjusted construction cost of alterations as required in Section 11B-202.4.

**CODE ADVISORY COMMITTEE: No Action Required** (reference to Item 11B.01)

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**ITEM 2.05**

**CHAPTER 2**

**Section 202 Definitions**

**Definition of AREA OF SPORT ACTIVITY**

**REASON:** DSA-AC is proposing to repeal the adoption of the 2013 CA Building Code definition of “Area of Sport Activity” and adopt the new model code definition. The two definitions are identical except for the phrase “indoor or outdoor”. Carrying forward a second, nearly identical definition for DSA-AC use would be duplicative and create confusion for code users.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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**ITEM 2.06**

**WITHDRAWN**

**CODE ADVISORY COMMITTEE: Disapprove**

The Code Advisory Committee voted to disapprove this item. DSA-AC has withdrawn its proposal to adopt the

2015 IBC model code definition of DETECTABLE WARNING and will carry forward its adoption of the 2013 CBC definition of DETECTABLE WARNING unchanged.

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**ITEM 2.07****CHAPTER 2****Section 202 Definitions****Definition of PROFESSIONAL OFFICE OF A HEALTH CARE PROVIDER**

**REASON:** DSA-AC is proposing to repeal the phrase “See Chapter 11B.” consistent with model code format. This is an editorial amendment with no regulatory effect.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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**ITEM 2.08****CHAPTER 2****Section 202 Definitions****Definition of PUBLIC USE AREAS**

**REASON:** DSA-AC is proposing to amend the definition of “public-use area” to clarify that public-use areas are not limited to rooms or spaces “of a building” but may include rooms or spaces located in buildings and facilities. The phrase “or facility” is being added in two locations for consistency with the terminology of Chapter 11B. This amendment will provide clarity and consistency for code users.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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**ITEM 2.09****CHAPTER 2****Section 202 Definitions****Definition of SIGNAGE****Definition of SIGN**

**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.

**CODE ADVISORY COMMITTEE: Short Term Further Study**

The Code Advisory Committee recommended further short term study of the proposed new definition of SIGN, specifically use of the term “architectural” within the new definition itself and the apparent elimination of reference to “displayed verbal” information from the 2013 CBC definition. After further study, DSA-AC is carrying forward the proposed new definition of SIGN with further amendment to remove the term “architectural” from the proposed language. The display of “verbal” or “audible” information is generally associated with variable message signs; however, DSA-AC will more extensively study the need for additional amendments during the upcoming code cycle.

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**ITEM 2.09.01 – RELATED CODE AMENDMENT****CHAPTER 11B**

**DIVISION 1: APPLICATION AND ADMINISTRATION**

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

**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.

**CODE ADVISORY COMMITTEE: Short Term Further Study**

DSA-AC is carrying forward its proposed new definition of SIGN with further amendment, and replacing the term “signage” with “sign” in this section.

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**ITEM 2.09.02 – RELATED CODE AMENDMENT**

**CHAPTER 11B**

**DIVISION 2: SCOPING REQUIREMENTS**

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

**Section 11B-216.6 Entrances.**

**Section 11B-216.9.2 Directional signs.**

**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.

**CODE ADVISORY COMMITTEE: Short Term Further Study**

DSA-AC is carrying forward its proposed new definition of SIGN with further amendment, and replacing the term “signage” with “sign” in this section.

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**ITEM 2.09.03 – RELATED CODE AMENDMENT**

**CHAPTER 11B**

**DIVISION 4: ACCESSIBLE ROUTES**

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

**Section 11B-411.2.1.6 Identification of floors served.**

**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.

**CODE ADVISORY COMMITTEE: Short Term Further Study**

DSA-AC is carrying forward its proposed new definition of SIGN with further amendment, and replacing the term “signage” with “sign” in this section.

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**ITEM 2.09.04 – RELATED CODE AMENDMENT**

**CHAPTER 11B**

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

**Section 11B-502.8 Additional sign.**

**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.

**CODE ADVISORY COMMITTEE: Short Term Further Study**

DSA-AC is carrying forward its proposed new definition of SIGN with further amendment, and replacing the term “signage” with “sign” in this section.

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**ITEM 2.09.05 – RELATED CODE AMENDMENT**

**CHAPTER 11B**

**DIVISION 7: COMMUNICATION ELEMENTS AND FEATURES**

**Table 11B-703.8.5 Pixel Count for Low Resolution VMS Sign**

**Figure 11B-703.8.5**

**REASON:** DSA-AC is proposing to delete the term “signage” altogether and not replace it with the term “sign”. The acronym for Variable Message Signs, VMS, indicates Table 11B-703.8.5 and Figure 11B-703.8.5 are applicable to signs.

**CODE ADVISORY COMMITTEE: Short Term Further Study**

DSA-AC is deleting the term “signage”, but is not replacing it with the term “sign” because the acronym for variable message signs, VMS, indicates this section is applicable to signs.

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**ITEM 2.09.06 – RELATED CODE AMENDMENT**

**CHAPTER 11B**

**DIVISION 8: SPECIAL ROOMS, SPACES, AND ELEMENTS**

**Section 11B-802.4.2 Identification.**

**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.

**CODE ADVISORY COMMITTEE: Short Term Further Study**

DSA-AC is carrying forward its proposed new definition of SIGN with further amendment, and replacing the term “signage” with “sign” in this section.

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**ITEM 2.10**

**CHAPTER 2**

**Section 202 Definitions**

**Definition of TECHNICALLY INFEASIBLE**

**REASON:** DSA-AC is proposing to carry forward the adoption of the 2013 CA Building Code (model code) definition for “technically infeasible”. The new model code does not include a definition for “technically infeasible”. This amendment will provide consistency for code users.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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**ITEM 4.00**

**CHAPTER 4 – Matrix Adoption Table**

**REASON:** DSA-AC proposes to carry forward its adoption of specific model code provisions and California amendments in Chapter 4, from the 2013 CA Building Code into the 2016 CA Building Code, with further amendment as indicated.

**CODE ADVISORY COMMITTEE: No Action Required (Matrix Adoption Table)**

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**ITEM 4.01**

**CHAPTER 4**  
**SECTION 406 – MOTOR-VEHICLE-RELATED OCCUPANCIES**  
**Section 406.4.1 Clear height.**

**REASON:** DSA-AC is amending the model code to carry forward and incorporate existing accessibility provisions of the 2013 CA Building Code into the 2016 CA Building Code. The DSA-AC California amendment language was inadvertently omitted during publication of the 2013 CA Building Code, July 1, 2015 Supplement (blue) pages.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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**ITEM 4.02**

**CHAPTER 4**  
**SECTION 412 – AIRCRAFT-RELATED OCCUPANCIES**  
**Section 412.3.8 Accessibility.**

**REASON:** DSA-AC is amending the model code to carry forward and incorporate existing accessibility provisions of the 2013 CA Building Code into the 2016 CA Building Code. This section has been renumbered as indicated.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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**ITEM 4.03**

**CHAPTER 4**  
**SECTION 419 – LIVE/WORK UNITS**  
**Section 419.7 Accessibility.**

**REASON:** DSA-AC is amending the model code to carry forward and incorporate existing accessibility provisions of the 2013 CA Building Code into the 2016 CA Building Code.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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**ITEM 9.00**

**CHAPTER 9 – Matrix Adoption Table**

**REASON:** DSA-AC proposes to carry forward its adoption of specific model code provisions and California amendments in Chapter 9, from the 2013 CA Building Code into the 2016 CA Building Code, with further amendment as indicated.

**CODE ADVISORY COMMITTEE: No Action Required (Matrix Adoption Table)**

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**ITEM 9.01**

**CHAPTER 9**



## **SECTION 907 FIRE ALARM AND DETECTION SYSTEMS**

### **Section 907.4.2.2 Height.**

**REASON:** DSA-AC is amending the model code to carry forward and incorporate existing accessibility provisions of the 2013 CA Building Code into the 2016 CA Building Code. Portions of the DSA-AC California amendment language were inadvertently omitted and/or amended during publication of the 2013 CA Building Code, July 1, 2015 Supplement (blue) pages. Upon recommendation by the Code Advisory Committee, DSA-AC has confirmed with the Office of the State Fire Marshal that Section 907.4.2.6 requires fire alarm pull boxes to be accessible to occupants of a facility in the same context as required by the provisions of Chapter 11B including clear floor space, a location on an accessible route and operable part provisions.

#### **CODE ADVISORY COMMITTEE: Short Term Further Study**

The Code Advisory Committee recommended further short term study of this item to determine if fire alarm pull boxes should comply with the requirements of Section 11B-309.4 only, or with the entirety of Section 11B-309. After discussions with Office of the State Fire Marshal staff, DSA-AC has confirmed fire alarm pull boxes are required to be accessible as required by the provisions of Chapter 11B, including clear floor space, accessible route, and operable parts requirements. Section 907.4.2.6 contains the requirement for fire alarm pull boxes to be accessible. DSA-AC is carrying forward the provisions of the 2013 CBC unchanged, as proposed, and will more extensively study the need for additional amendments during the upcoming code cycle.

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## **ITEM 9.02**

### **CHAPTER 9**

## **SECTION 907 FIRE ALARM AND DETECTION SYSTEMS**

### **Section 907.5.2 Alarm notification appliances.**

**REASON:** DSA-AC is amending the model code to carry forward and incorporate existing accessibility provisions of the 2013 CA Building Code into the 2016 CA Building Code. Specific code sections have been renumbered as indicated.

#### **CODE ADVISORY COMMITTEE: Short Term Further Study**

The Code Advisory Committee made no specific recommendations regarding this item; DSA-AC is carrying this item forward without further amendment.

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## **ITEM 10.00**

### **CHAPTER 10 – Matrix Adoption Table**

**REASON:** DSA-AC proposes to carry forward its adoption of specific model code provisions and California amendments in Chapter 10, from the 2013 CA Building Code into the 2016 CA Building Code, with further amendment as indicated.

#### **CODE ADVISORY COMMITTEE: No Action Required (Matrix Adoption Table)**

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## **ITEM 10.01**

### **CHAPTER 10**

## **SECTION 1003 GENERAL MEANS OF EGRESS**

### **Section 1003.1 Applicability.**

**Section 1003.5 Elevation change.**

**REASON:** DSA-AC is amending the model code to carry forward and incorporate existing accessibility provisions of the 2013 CA Building Code into the 2016 CA Building Code. Additional editorial changes are shown replacing model code references to Chapter 11 with references CA Building Code Chapter 11A and/or Chapter 11B.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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**ITEM 10.02**

**CHAPTER 10**

**SECTION 1009 ACCESSIBLE MEANS OF EGRESS**

**Section 1009.1 Accessible means of egress required.**

**Section 1009.2 Continuity and components.**

**Section 1007.3 Stairways.**

**Section 1009.4 Elevators.**

**Section 1009.5 Platform lifts.**

**Section 1009.6 Areas of refuge.**

**Section 1009.7 Exterior areas for assisted rescue.**

**Section 1009.8 Two-way communication.**

**Section 1009.9 Signage.**

**Section 1009.10 Directional signage.**

**Section 1009.11 Instructions.**

**Section 1009.12 Alarms/emergency warning systems/accessibility.**

**REASON:** DSA-AC is amending the model code to carry forward and incorporate existing accessibility provisions of the 2013 CA Building Code into the 2016 CA Building Code. Specific code sections have been renumbered as indicated.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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**ITEM 10.03**

**CHAPTER 10**

**SECTION 1010 DOORS, GATES AND TURNSTILES**

**First Paragraph**

**Section 1010.1 Doors.**

**REASON:** DSA-AC is amending the model code to carry forward and incorporate existing accessibility provisions of the 2013 CA Building Code into the 2016 CA Building Code. Additional editorial changes are shown replacing model code references to Chapter 11 with references CA Building Code Chapter 11A and/or Chapter 11B. Specific code sections have been renumbered as indicated.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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**ITEM 10.04**

**CHAPTER 10**

**SECTION 1011 STAIRWAYS**

**First Paragraph**

**Section 1011.5.2 Riser height and tread depth.**

### **Section 1011.11 Handrails.**

**REASON:** DSA-AC is amending the model code to carry forward and incorporate existing accessibility provisions of the 2013 CA Building Code into the 2016 CA Building Code. Specific code sections have been renumbered as indicated.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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### **ITEM 10.05**

#### **CHAPTER 10**

#### **SECTION 1012 RAMPS**

##### **First Paragraph**

##### **Section 1012.1 Scope.**

##### **Section 1012.10 Edge protection.**

**REASON:** DSA-AC is amending the model code to carry forward and incorporate existing accessibility provisions of the 2013 CA Building Code into the 2016 CA Building Code. An additional editorial change was made replacing a model code reference to ICC 117.1 with a reference CA Building Code Chapter 11A or Chapter 11B. Specific code sections have been renumbered as indicated.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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### **ITEM 10.06**

#### **CHAPTER 10**

#### **SECTION 1013 EXIT SIGNS**

##### **Section 1013.4 Raised character and Braille exit signs.**

**REASON:** DSA-AC is amending the model code to carry forward and incorporate existing accessibility provisions of the 2013 CA Building Code into the 2016 CA Building Code. Specific code section references have been corrected as indicated.

DSA-AC is proposing to further amend this section to clarify for code users that the text required to be placed on tactile exit signs does not include any punctuation marks, specifically a period. The language of this section is being revised to show the periods outside of the quotation marks in items 1, 3, 4 and 5. This is an editorial change without regulatory effect.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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### **ITEM 10.07**

#### **CHAPTER 10**

#### **SECTION 1014 HANDRAILS**

##### **First Paragraph**

**REASON:** DSA-AC is amending the model code to carry forward and incorporate existing accessibility provisions of the 2013 CA Building Code into the 2016 CA Building Code. Specific code sections have been renumbered as indicated.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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**ITEM 10.08**

**CHAPTER 10**  
**SECTION 1015 GUARDS**  
**Section 1015.2 Where required.**  
**Section 1015.3 Height.**

**REASON:** DSA-AC is amending the model code to carry forward and incorporate existing accessibility provisions of the 2013 CA Building Code into the 2016 CA Building Code. Specific code sections have been renumbered as indicated.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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**ITEM 10.09**

**CHAPTER 10**  
**SECTION 1018 AISLES**  
**First Paragraph**  
**Section 1018.3 Aisles in Groups B and M.**  
**Section 1018.5 Aisles in other than assembly spaces and Groups B and M.**

**REASON:** DSA-AC is amending the model code to carry forward and incorporate existing accessibility provisions of the 2013 CA Building Code into the 2016 CA Building Code. Additional editorial changes are shown replacing model code references to Chapter 11 with references CA Building Code Chapter 11A and/or Chapter 11B. Specific code sections have been renumbered as indicated.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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**ITEM 10.10**

**CHAPTER 10**  
**SECTION 1023 INTERIOR EXIT STAIRWAYS AND RAMPS**  
**Section 1023.9 Stairway identification signs.**

**REASON:** DSA-AC is amending the model code to carry forward and incorporate existing accessibility provisions of the 2013 CA Building Code into the 2016 CA Building Code. Specific code sections have been renumbered as indicated.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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**ITEM 11A.00**

**CHAPTER 11A – Matrix Adoption Table**

**REASON:** DSA-AC proposes to carry forward its adoption of existing California amendments in Chapter 11A, from the 2013 CA Building Code into the 2016 CA Building Code.

**CODE ADVISORY COMMITTEE: No Action Required** (Matrix Adoption Table)

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## ITEM 11B.00

### CHAPTER 11B – Matrix Adoption Table

**REASON:** DSA-AC proposes to carry forward its adoption of existing California amendments in Chapter 11B, from the 2013 CA Building Code into the 2016 CA Building Code, with further amendment as indicated.

**CODE ADVISORY COMMITTEE: No Action Required** (Matrix Adoption Table)

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## ITEM 11B.01

### CHAPTER 11B

#### DIVISION 2: SCOPING REQUIREMENTS

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

###### 11B-202.4 Path of travel requirements in alterations, additions and structural repairs.

#### EXCEPTION 2 -

**REASON:** DSA-AC is proposing to amend Exception 2 to correct a typographical error. The word “preceeding” is being replaced with the word “preceding”. This is an editorial change without regulatory effect.

#### EXCEPTION 4 -

**REASON:** DSA-AC is proposing to amend Exception 4 to correct an inadvertent error in the drafting of the 2013 CA Building Code. This amendment will clarify that the examples of project types provided in this exception is an inclusive list rather than exclusive list consistent with the 2010 CA Building Code Section 1134B.2.1, Exception 3, Item 3.6 and the ADA, 28 C.F.R., Section 36.304 which states:

##### 36.304 Removal of barriers.

- (a) General. A public accommodation shall remove architectural barriers in existing facilities, including communication barriers that are structural in nature, where such removal is readily achievable, i.e., easily accomplishable and able to be carried out without much difficulty or expense.
- (b) Examples. Examples of steps to remove barriers include, but are not limited to, the following actions – ...

The term “consisting of” is being replaced with the term “including, but not limited to”. This amendment will provide clarity and consistency for code users.

#### EXCEPTION 8 – Paragraphs 1 & 2

**REASON:** DSA-AC is proposing an amendment to Exception 8 to clarify which costs, fees and expenses are included or not included in the Adjusted Construction Cost. Providing this clarification will aid code users when calculating the cost of compliance of 20 percent of the adjusted construction cost of alterations as required in Section 11B-202.4. Also see Related Code Amendment Item 2.04, a new Chapter 2 definition for the term “adjusted construction cost”. These amendments will provide clarity and consistency for code users.

#### EXCEPTION 8 – Paragraph 4, Item 3

**REASON:** DSA-AC is proposing to amend Exception 8 to provide consistency for code users. The word “single” is being replaced with the word “one”. This will clarify that either one accessible restroom for each sex or one accessible unisex restroom is required. This is an editorial change with no regulatory effect.

#### EXCEPTION 8 – Paragraph 4, Item 3

**REASON:** DSA-AC is proposing to amend this section to clarify what is meant by the term “unisex” when it is used in reference to “single-user or family” toilet and bathing rooms. Clarification of the term will ensure

scoping provisions are applied correctly. This amendment will provide clarity and consistency for code users. Also see Related Code Amendment Item 11B.06. This amendment will provide clarity and consistency for code users.

#### **EXCEPTION 9 -**

**REASON:** DSA-AC is proposing to amend Exception 9 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.

#### **CODE ADVISORY COMMITTEE: Approve as Amended**

The Code Advisory Committee recommended amending the proposed language of Section 11B-202.4 to reject replacement of the term “unisex” with the term “gender-neutral” in Exception 8, paragraph 4, Item 3. After further study, DSA-AC is withdrawing that part of the proposal which replaced the term “unisex” with the term “gender-neutral”, and instead proposing to add a clarification that the unisex restroom in Exception 8, paragraph 4, Item 3 can be either “single-user or family”, consistent with the proposed amendments to Section 11B-213.2 and 11B-213.2.1 in Item 11B.06. DSA-AC is carrying forward the other proposed amendments to Section 11B-202.4 as initially indicated.

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### **ITEM 11B.02**

#### **CHAPTER 11B**

#### **DIVISION 2: SCOPING REQUIREMENTS**

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

#### **11B-202.4 Path of travel requirements in alterations, additions and structural repairs.**

#### **Exception 10**

**REASON:** DSA-AC is proposing to add a new exception to this section to amend path of travel requirements for seismic mitigation projects in existing buildings and facilities. In Legal Opinion No. 94-1109, the CA Attorney General concluded that the seismic strengthening ... constitutes a “building alteration, structural repair or addition” for the purposes of providing access to the building for disabled persons. Under both the federal 2010 Americans with Disabilities Act Standards and the 2013 California Building Code certain “path of travel” elements outside of the area of work must be upgraded to current accessibility standards when an existing facility undergoes an alteration, structural repair or addition.

- Under the 2010 ADA Standards the construction cost of alterations to provide an accessible path of travel to the altered area is deemed to be disproportionate when it exceeds 20 percent of the construction cost of the overall alteration. In this situation the path of travel must be made accessible to the extent it can be without incurring disproportionate costs.
- Under the 2013 California Building Code disproportionality applies only to alteration projects whose construction cost does not exceed the “valuation threshold”, which is currently \$147,863. For projects whose construction cost exceeds the valuation threshold, the cost of path of travel upgrades is unlimited.
- If the cost of path of travel upgrades threatens the financial feasibility of the project, applicants can request from the building official a finding of unreasonable hardship under Exception 8 of 11B-202.4 or exceptions with equivalent facilitation under the Health and Safety Code. With 545 separate jurisdictions in California, this approach relies upon a subjective evaluation by the building official, offers a high degree of uncertainty as to the final outcome and is not seen as a viable option by building owners and operators.
- Building owners and structural engineers are reporting that needed seismic mitigation projects are not proceeding due to the disproportionate costs of path of travel upgrades, especially for projects where the entire building is considered the area of alteration. This perpetuates both seismic life safety hazards and lack of accessibility in existing facilities.

This new exception will continue to require path of travel upgrades of 20 percent of the adjusted construction cost for seismic mitigation projects, consistent with the 2010 ADA Standards. DSA believes this approach strikes an appropriate balance between ensuring buildings and facilities are accessible and mitigating potential financial burdens on the owners and operators of existing facilities in need of seismic upgrades. This provision will provide greater accessibility and enable seismic mitigation projects to move forward, reducing the risk of death or injury to all users of existing facilities in need of seismic upgrade.

**CODE ADVISORY COMMITTEE: Further Study**

The Code Advisory Committee recommended further long term study of this item. In California, many needed seismic mitigation projects are not being undertaken due to the disproportionate costs of path of travel upgrades, especially for projects where the entire building is considered the area of alteration. This perpetuates both seismic life safety hazards and lack of accessibility in existing facilities. The proposed new exception to the path of travel requirements of Section 11B-202.4 will continue to require path of travel upgrades of 20 percent of the adjusted construction cost for seismic mitigation projects, consistent with the 2010 ADA Standards, while mitigating potential financial burdens on the owners and operators of existing facilities in need of seismic upgrades. DSA-AC believes this amendment will provide increased accessibility and enable seismic mitigation projects to move forward, reducing the risk of death or injury to all users of existing facilities in need of seismic upgrade. DSA-AC is carrying this item forward without further amendment.

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**ITEM 11B.02.01 – RELATED CODE AMENDMENT**

**CHAPTER 2**

**Section 202 Definitions**

**Definition of SEISMIC MITIGATION**

**REASON:** DSA-AC is proposing to add a new definition of the term “seismic mitigation” in coordination with the related code change to Section 11B-202.4, Exception 10. The adoption of this new definition will provide clarity and consistency for code users.

**CODE ADVISORY COMMITTEE: Further Study**

The Code Advisory Committee made no specific recommendations regarding this item; DSA-AC is carrying this item forward without further amendment.

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**ITEM 11B.02.02 – RELATED CODE AMENDMENT**

**CHAPTER 11B**

**DIVISION 1: APPLICATION AND ADMINISTRATION**

**11B-106.5 Defined terms.**

**REASON:** DSA-AC is proposing to add a new definition for the term “seismic mitigation”.

**CODE ADVISORY COMMITTEE: Further Study**

The Code Advisory Committee made no specific recommendations regarding this item; DSA-AC is carrying this item forward without further amendment.

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**ITEM 11B.03**

**CHAPTER 11B**

**DIVISION 2: SCOPING REQUIREMENTS**

**11B-208 Parking spaces**

**11B-208.2.3.1 Parking for residents.**

**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.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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**ITEM 11B.04**

**WITHDRAWN**

**CODE ADVISORY COMMITTEE: Further Study**

The Code Advisory Committee recommended long term further study of this item. DSA-AC has withdrawn its proposal, and will more extensively study this issue during the upcoming code cycle.

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**ITEM 11B.04.01 – RELATED CODE AMENDMENT**

**WITHDRAWN**

**CODE ADVISORY COMMITTEE: Further Study**

The Code Advisory Committee recommended long term further study of this item. DSA-AC has withdrawn its proposal, and will more extensively study this issue during the upcoming code cycle.

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**ITEM 11B.05**

**CHAPTER 11B**

**DIVISION 2: SCOPING REQUIREMENTS**

**11B-209 Passenger drop-off and loading zones and bus stops**

**11B-209.1 General.**

**11B-209.2 Type.**

**11B-209.3 Medical care and long-term care facilities.**

**11B-209.4 Valet parking.**

**11B-209.5 Mechanical access parking garages.**

**REASON:** DSA-AC is proposing to amend this exception to correct an inadvertent error in the drafting of the 2013 CA Building Code. The terminology of this scoping section is being amended to be consistent with the terminology of applicable technical requirements located in Section 11B-503 Passenger and drop-off loading zones. The term “passenger loading zone” is being replaced with the term “passenger drop-off and loading zone” in multiple locations. This amendment will provide clarity and consistency for code users.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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**ITEM 11B.06**

**CHAPTER 11B**

**DIVISION 2: SCOPING REQUIREMENTS**

**11B-213 Toilet facilities and bathing facilities**

**11B-213.2 Toilet rooms and bathing rooms.**



### **11B-213.2.1 Single-user or family toilet and single-user or family bathing rooms.**

**REASON:** DSA-AC is proposing to amend these sections to clarify what is meant by the term “unisex” when it is used in reference to “single-user or family” toilet and bathing rooms. Clarification of the term will ensure scoping provisions are applied correctly. This amendment will provide clarity and consistency for code users.

#### **CODE ADVISORY COMMITTEE: Further Study**

The Code Advisory Committee recommended long term further study regarding the proposal to replace the term “unisex” with the term “gender-neutral” in certain context-specific provisions. After further study, DSA-AC is withdrawing the proposal to replace the term “unisex” with the term “gender-neutral”. DSA-AC is carrying forward the proposal to clarify that unisex toilet and bathing rooms can be either “single-user or family”, and is proposing to add an additional clarification in 11B-213.2, Exception 1.

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#### **ITEM 11B.06.01 – RELATED CODE AMENDMENT**

##### **WITHDRAWN**

**CODE ADVISORY COMMITTEE: No Action Required** (reference to Item 11B.01)

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#### **ITEM 11B.06.02 – RELATED CODE AMENDMENT**

##### **WITHDRAWN**

#### **CODE ADVISORY COMMITTEE: Further Study**

After further study, DSA-AC is withdrawing the proposal to replace the term “unisex” with the term “gender-neutral”.

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#### **ITEM 11B.06.03 – RELATED CODE AMENDMENT**

##### **WITHDRAWN**

#### **CODE ADVISORY COMMITTEE: Further Study**

After further study, DSA-AC is withdrawing the proposal to replace the term “unisex” with the term “gender-neutral”.

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#### **ITEM 11B.07**

#### **CHAPTER 11B**

#### **DIVISION 2: SCOPING REQUIREMENTS**

#### **11B-213 Toilet facilities and bathing facilities**

##### **11B-213.3.1 Toilet compartments.**

**REASON:** In the previous rulemaking cycle, DSA-AC proposed an amendment to this section to increase the number of accessible toilet compartments, water closets, urinals and lavatories in multiple accommodation toilet facilities where, due to the type of use and occupancy, a greater number of compartments and fixtures are required. This amendment addressed the need for an increased number of accessible toilet facilities where, due to the number of users, wait times are excessive for persons with disabilities where only one accessible compartment or type of fixture is provided. DSA-AC is proposing to further amend this section to clarify that the required number of toilet compartments is based on the total number of toilet compartments, e.g. a women’s restroom, or the total number of toilet compartments and

urinals, e.g. a men's restroom. This amendment will provide equitable numbers of toilet compartments in both men's and women's multiple accommodation toilet facilities.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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**ITEM 11B.08**

**CHAPTER 11B**  
**DIVISION 2: SCOPING REQUIREMENTS**  
**11B-216 Signs**  
**11B-216.5.1 Parking spaces.**

**REASON:** DSA-AC is proposing to amend this scoping section to include a reference to Section 11B-502.8. Section 11B-502.8 contains the applicable technical requirements for the additional signs required at off-street parking facilities. This amendment will provide clarity and consistency for code users.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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**ITEM 11B.09**

**CHAPTER 11B**  
**DIVISION 2: SCOPING REQUIREMENTS**  
**11B-216 Signs**  
**11B-216.5.2 Parking facilities.**  
**11B-216.5.2.1 Signs intended for use by pedestrians.**  
**11B-216.5.2.2 Additional signs.**

**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.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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**ITEM 11B.10**

**CHAPTER 11B**  
**DIVISION 2: SCOPING REQUIREMENTS**  
**11B-216 Signs**  
**11B-216.6 Entrances.**  
**Exceptions**

**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 1117B.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.

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.

**CODE ADVISORY COMMITTEE: Short Term Further Study**

The Code Advisory Committee made no specific recommendations regarding this item; DSA-AC is carrying this item forward without further amendment.

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**ITEM 11B.11 - RESERVED**

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**ITEM 11B.12**

**CHAPTER 11B**

**DIVISION 2: SCOPING REQUIREMENTS**

**11B-216 Signs**

**11B-216.8 Toilet rooms and bathing rooms.**

**11B-216.8.1 Geometric Symbols.**

**REASON:** DSA-AC is proposing to amend this section to clarify the scoping requirements for geometric symbols required at doorways to toilet and bathing facilities. The geometric symbols are not signs as such and the proposed amendment will address questions raised by code users when determining the requirements for geometric symbols at doorways to toilet and bathing rooms as opposed to signs. In addition, Exception 1 eliminates the requirement for geometric symbols at doorways to toilet and bathing facilities where access to the facilities is limited to the occupant and their guests or medical personnel. In such spaces the user can easily determine the location of the toilet and bathing facilities. Exception 2 is proposed to be relocated from technical Section 11B-703.7.2.6 to this section in order to locate the scoping requirements for geometric symbols in one location. This amendment will provide clarity and consistency for code users.

**CODE ADVISORY COMMITTEE: Short Term Further Study**

The Code Advisory Committee recommended further short term study of this item; specifically, whether Exception 1 should apply to private as well as semi-private rooms and spaces. After further study, DSA-AC further amended Exception 1 to include private rooms and spaces.

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**ITEM 11B.12.01 – RELATED CODE AMENDMENT**

**CHAPTER 11B**

**DIVISION 7: COMMUNICATION ELEMENTS AND FEATURES**

**11B-703.7.2.6 Toilet and bathing facilities geometric symbols.**

**11B-703.7.2.6.1 Men's toilet and bathing facilities.**

**11B-703.7.2.6.2 Women's toilet and bathing facilities.**

**11B-703.7.2.6.3 Unisex toilet and bathing facilities.**

**11B-703.7.2.6.4 Edges and vertices on geometric symbols.**

**REASON:** DSA-AC is proposing to amend these existing sections and add a new section to clarify the technical requirements for geometric symbols located at the entrances to toilet and bathing facilities. DSA is proposing to add dimensional specificity to Section 11B-703.7.2.6.3 to provide greater consistency in the manufacture of the symbols. New Section 11B-703.7.2.6.4 will provide dimensions for eased, rounded or chamfered edges on all symbols and dimensions for the radius at vertices on triangles. The addition of a figure illustrating the requirements of Section 11B-703.7.2.6.4 will provide clarity and consistency for code users.

**CODE ADVISORY COMMITTEE: Short Term Further Study**

The Code Advisory Committee recommended further short term study of this item; specifically, whether the requirement for the triangle to be inscribed on the 12-inch diameter circle on the geometric symbol at unisex toilet and bathing facilities takes into account the required rounding or chamfering. After further study, DSA-AC determined that the proposed ¼ inch range adequately takes into account the required rounding or chamfering of the edges and no further amendment is being proposed. The Committee was in support of DSA-AC's proposal to eliminate the use of the term "minimum" in 8 locations, and maintain the 2013 CBC dimensional requirements.

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**ITEM 11B.13**

**CHAPTER 11B**

**DIVISION 2: SCOPING REQUIREMENTS**

**11B-216 Signs**

**11B-216.13 Cleaner Air Symbol.**

**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.

**CODE ADVISORY COMMITTEE: Approved as Submitted**

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**ITEM 11B.13.01 – RELATED CODE AMENDMENT**

**CHAPTER 11B**

**DIVISION 7: COMMUNICATION ELEMENTS AND FEATURES**

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

**11B-703.7.2.5 Cleaner Air Symbol.**

**REASON:** DSA-AC is proposing to repeal this section in conjunction with related Item 11B.13.

**CODE ADVISORY COMMITTEE: Approved as Submitted**

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**ITEM 11B.14**

**WITHDRAWN**

**CODE ADVISORY COMMITTEE: Disapprove**

The Code Advisory Committee voted to disapprove this item. DSA-AC has withdrawn the proposed amendment to Section 11B-219.2.

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**ITEM 11B.15**

**CHAPTER 11B**

**DIVISION 2: SCOPING REQUIREMENTS**

**11B-220 Automatic teller machines, fare machines and point-of-sale devices**

**11B-220.1.2 Two automatic teller machines or fare machines.**

**11B-220.1.3 Three or more automatic teller machines or fare machines.**

**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.

**CODE ADVISORY COMMITTEE: Approved as Submitted**

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**ITEM 11B.15.01 – RELATED CODE AMENDMENT**

**CHAPTER 11B**

**DIVISION 7: COMMUNICATION ELEMENTS AND FEATURES**

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

**11B-707.3 Operable parts.**

**Exception 2**

**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.

**CODE ADVISORY COMMITTEE: Approved as Submitted**

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**ITEM 11B.16**

**CHAPTER 11B**

**DIVISION 2: SCOPING REQUIREMENTS**

**11B-220 Automatic teller machines, fare machines and point-of-sale devices**

**11B-220.2 Point-of-sale devices.**

**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, the scoping and technical provisions for point-of-sale devices were repeated in both of the two sections of the CBC that address the requirements, instead of separating the provisions to place scoping provisions in Division 2 and technical provisions in Division 7. The amendments separate the scoping and technical requirements into the appropriate divisions. In addition, DSA-AC included referenced code sections which inadvertently expanded the technical requirements for point-of-sale devices 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 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.

**CODE ADVISORY COMMITTEE: Short Term Further Study**

The Code Advisory Committee recommended further short term study of this item, specifically related to the language "required to be accessible". After further study, DSA-AC is carrying this item forward with further amendment. The proposed new language includes a reference to Sections 11B-227.2 and 11B-227.3, which contain scoping for sales and service check-out aisles and counters.

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**ITEM 11B.16.01 – RELATED CODE AMENDMENT**

**CHAPTER 11B**

**DIVISION 7: COMMUNICATION ELEMENTS AND FEATURES**

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

**11B-707.3 Operable parts.**

**Exception 3**

**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.

**CODE ADVISORY COMMITTEE: Short Term Further Study**

The Code Advisory Committee made no specific recommendations regarding this item; DSA-AC is carrying this item forward without further amendment.

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**ITEM 11B.16.02 – RELATED CODE AMENDMENT**

**CHAPTER 11B**

**DIVISION 7: COMMUNICATION ELEMENTS AND FEATURES**

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

**11B-707.9 Point-of-sale devices.**

**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.

**CODE ADVISORY COMMITTEE: Short Term Further Study**

The Code Advisory Committee made no specific recommendations regarding this item; DSA-AC is carrying this item forward without further amendment.

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**ITEM 11B.17**

**CHAPTER 11B**

**DIVISION 2: SCOPING REQUIREMENTS**

**11B-221 Assembly areas**

**11B-221.2 Wheelchair spaces.**

**Note**

**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.

**CODE ADVISORY COMMITTEE: No Action Required** (Editorial change to non-regulatory NOTE)

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**ITEM 11B.18**

**CHAPTER 11B**

**DIVISION 2: SCOPING REQUIREMENTS**

**11B-224 Transient lodging guest rooms, housing at a place of education and social service center establishments**

**11B-224.7 Housing at a place of education.**

**REASON:** Portions of the DSA-AC California amendment language were inadvertently omitted and/or amended during publication of the 2013 CA Building Code, July 1, 2015 Supplement (blue) pages. This proposed amendment shows Section 11B-224.7 as it was approved by the CA Building Standards Commission during the 2013 CA Building Code, Intervening Code Cycle. Exceptions 1 and 2 were reorganized and rewritten as Sections 11B-224.7.1 and 11B-224.7.2. This is an editorial change without regulatory effect.

**CODE ADVISORY COMMITTEE: No Action Required** (Editorial change)

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**ITEM 11B.19**

**CHAPTER 11B**  
**DIVISION 2: SCOPING REQUIREMENTS**

**11B-233 Residential facilities.**

**11B-233.3.1.2.4. Multi-story residential dwelling units.**

**Exception**

**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.

**CODE ADVISORY COMMITTEE: No Action Required** (Editorial change)

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**ITEM 11B.20**

**CHAPTER 11B**  
**DIVISION 2: SCOPING REQUIREMENTS**

**11B-233 Residential facilities.**

**11B-233.3.3 Additions.**

**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. By providing the units with mobility features as a priority the more stringent requirements of the 2010 ADAS, used as the model code for the 2013 CA Building Code, are met. This amendment does not require a number of residential dwelling units beyond what the current code requires. It only serves to ensure 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. This amendment will provide clarity and consistency for the code user.

**CODE ADVISORY COMMITTEE: Disapprove**

The Code Advisory Committee voted to disapprove this item. After further study and coordination with CA Department of Housing and Community Development, DSA-AC is carrying this proposed amendment forward. The amendment, as initially proposed, will align the 2016 CBC with the federal 2010 ADA Standards.

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**ITEM 11B.21**

**CHAPTER 11B**  
**DIVISION 2: SCOPING REQUIREMENTS**

**11B-233 Residential facilities.**

**11B-233.3.4 Alterations.**

**Exception**

**REASON:** DSA-AC is proposing an amendment to clarify the requirement that when dwelling units are altered 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 altered. By altering the units with mobility features as a priority the more stringent requirements of the 2010 ADAS, used as the model code for the 2013 CA Building Code, are met. This amendment does not require alterations to the quantity of residential dwelling units beyond what the current code requires. It only serves to ensure that when an alteration is undertaken to a building, the first units altered are units to provide mobility features. The reference to Section 11B-233.3.1.2 would require a higher standard of alterations to accessible units with adaptable features. This amendment is being made



to correct a drafting error. 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.

**CODE ADVISORY COMMITTEE: Short Term Further Study**

The Code Advisory Committee recommended further short term study to permit coordination with CA Department of Housing and Community Development (HCD). After further study and coordination with HCD, DSA-AC is carrying this item forward without further amendment. The amendment, as initially proposed, will align the 2016 CBC with the federal 2010 ADA Standards.

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**ITEM 11B.22**

**CHAPTER 11B**

**DIVISION 2: SCOPING REQUIREMENTS**

**11B-233 Residential facilities.**

**11B-233.3.4.2 Alterations to individual residential dwelling units.**

**REASON:** DSA-AC is proposing an amendment to clarify the requirement that when dwelling units are altered 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 altered. By altering the units with mobility features as a priority the more stringent requirements of the 2010 ADAS, used as the model code for the 2013 CA Building Code, are met. This amendment does not require alterations to the quantity of residential dwelling units beyond what the current code requires. It only serves to ensure that when an alteration is undertaken to a building, the first units altered are units to provide mobility features. The reference to Section 11B-233.3.1.2 would require a higher standard of alterations to accessible units with adaptable features. This amendment is being made to correct a drafting error. 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.

**CODE ADVISORY COMMITTEE: Short Term Further Study**

The Code Advisory Committee recommended further short term study to permit coordination with CA Department of Housing and Community Development (HCD). After further study and coordination with HCD, DSA-AC is carrying this item forward without further amendment. The amendment, as initially proposed, will align the 2016 CBC with the federal 2010 ADA Standards.

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**ITEM 11B.23**

**CHAPTER 11B**

**DIVISION 2: SCOPING REQUIREMENTS**

**11B-245 Public accommodations located in private residences**

**11B-245.1 General.**

**11B-245.2 Application.**

**REASON:** DSA-AC is proposing to amend this exception to correct an inadvertent error in the drafting of the 2013 CA Building Code. The terminology of this scoping section is being amended to be consistent with the terminology of the ADA, 28 C.F.R., Section 36.207 which states:

**36.207 Places of public accommodation located in private residences.**

- (a) When a place of public accommodation is located in a private residence, the portion of the residence used exclusively as a residence is not covered by this part, but that portion used exclusively in the operation of the place of public accommodation or that portion used both for the place of public accommodation and for residential purposes is covered by this part.
- (b) The portion of the residence covered under paragraph (a) of this section extends to those elements used to enter the place of public accommodation, including the homeowner's front

sidewalk, if any, the door or entryway, and hallways; and those portions of the residence, interior or exterior, available to or used by customers or clients, including restrooms.

The term “commercial facility” is being replaced with the term “public accommodation” in multiple locations. This amendment will provide clarity and consistency for code users.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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**ITEM 11B.24**

**WITHDRAWN**

**CODE ADVISORY COMMITTEE: Withdrawn by Agency**

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**ITEM 11B.24.01 – RELATED CODE AMENDMENT**

**WITHDRAWN**

**CODE ADVISORY COMMITTEE: Withdrawn by Agency**

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**ITEM 11B.24.02 – RELATED CODE AMENDMENT**

**WITHDRAWN**

**CODE ADVISORY COMMITTEE: Withdrawn by Agency**

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**ITEM 11B.24.03 – RELATED CODE AMENDMENT**

**WITHDRAWN**

**CODE ADVISORY COMMITTEE: Withdrawn by Agency**

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**ITEM 11B.24.04 – RELATED CODE AMENDMENT**

**WITHDRAWN**

**CODE ADVISORY COMMITTEE: Withdrawn by Agency**

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**ITEM 11B.24.05 – RELATED CODE AMENDMENT**

**WITHDRAWN**

**CODE ADVISORY COMMITTEE: Withdrawn by Agency**

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**ITEM 11B.25**

**CHAPTER 11B**  
**DIVISION 4: ACCESSIBLE ROUTES**

**11B-403 Walking surfaces**  
**11B-403.5 Clearances.**  
**11B-403.5.1 Clear width.**  
**11B-403.5.1.1 Sidewalks.**

**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 and walks to add existing utility poles, street lights and traffic signal hardware to the list of elements for which the sidewalk or walk 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 sidewalks or walks and require a minimum separation between the reduced width segments. A provision permitting a 36 inch clear width of sidewalks or walks 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.

**CODE ADVISORY COMMITTEE: Short Term Further Study**

The Code Advisory Committee recommended further short term study of this item; specifically the addition of "walks" to the title of proposed new Section 11B-403.5.1.1, the removal of "unreasonable hardship" language, and the duplication of Chapter 10 provisions for corridors and aisles. After further study, DSA-AC is carrying this item forward with further amendment. The proposed requirement for a determination of "unreasonable hardship" is being deleted, "minimum" is being added to the 44 inch dimension in the last sentence of Section 11B-403.5.1, and the title of new Section 11B-403.5 is being changed to "Sidewalks and walks". DSA-AC will coordinate with the Office of the State Fire Marshal and more extensively study the duplication of Chapter 10 provisions within this section during the upcoming code cycle.

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**ITEM 11B.26**

**CHAPTER 11B**  
**DIVISION 4: ACCESSIBLE ROUTES**  
**11B-404 Doors, doorways, and gates**  
**11B-404.2.9 Door and gate opening force.**  
**Exception 1**

**REASON:** DSA-AC is proposing to repeal Exception 1 to Section 11B-404.2.9. 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, no specific exception is necessary. Exception 2 will become the single exception to Section 11B-404.2.9. This amendment will remove an unnecessary code provision, and improve clarity and consistency for code users.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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**ITEM 11B.27**

**CHAPTER 11B**  
**DIVISION 4: ACCESSIBLE ROUTES**  
**11B-407 Elevators**  
**Figure 11B-407.2.3.1**

**REASON:** Portions of the DSA-AC California amendment language were inadvertently omitted and/or amended during publication of the 2013 CA Building Code, July 1, 2015 Supplement (blue) pages. This

proposed amendment shows Figure 11B-407.2.3.1 as it was approved by the CA Building Standards Commission during the 2013 CA Building Code, Intervening Code Cycle. The Braille translation was corrected for the numeral one. In addition, the 2010 ADA Standards model code title reads in part "... Elevator Hostway Entrances" and is being corrected. These are editorial changes without regulatory effect.

**CODE ADVISORY COMMITTEE: No Action Required** (Editorial change)

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**ITEM 11B.28**

**CHAPTER 11B**  
**DIVISION 4: ACCESSIBLE ROUTES**  
**11B-407 Elevators**  
**11B-407.3.5 Door delay.**

**REASON:** DSA-AC is proposing to correct a publication error in the 2013 CA Building Code. The requirement for elevator doors to remain open a full "5" seconds is a California amendment to the model code and the "5" should be shown in italics. This is an editorial change without regulatory effect.

**CODE ADVISORY COMMITTEE: No Action Required** (Editorial change)

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**ITEM 11B.29**

**CHAPTER 11B**  
**DIVISION 4: ACCESSIBLE ROUTES**  
**11B-411 Destination-oriented elevators**  
**11B-411.1.2 Car designations.**

**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.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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**ITEM 11B.30**

**CHAPTER 11B**  
**DIVISION 4: ACCESSIBLE ROUTES**  
**11B-411 Destination-oriented elevators**  
**11B-411.2.1.2.2 Touch screen.**

**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.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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**ITEM 11B.31**

**CHAPTER 11B**  
**DIVISION 4: ACCESSIBLE ROUTES**  
**11B-411 Destination-oriented elevators**  
**11B-411.2.1.2.4 Display screen.**

**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 recognizes that the ★ symbol is universally understood and that an explanation for its use is not presently required for standard elevator installations. In addition, this amendment recognizes that instruction on the use of the - sign would be required to be provided by the elevator manufacturer in providing information integral to the operation of the system provided to a user with a hearing impairment in the assignment to an elevator for the specific facility, and does not require an elevator manufacturer to provide this information if it is not applicable to the facility. As a point of reference, San Francisco's AB-090 ordinance, on which Section 411 was based, did not require the "location and use of the ★ and - buttons" in its requirements.

**CODE ADVISORY COMMITTEE: Short Term Further Study**

The Code Advisory Committee recommended further short term study of this item; specifically suggesting that the reference to the "★ and – buttons" be retained and the language "if applicable" be added to the existing code language. After further study, DSA-AC determined that, in applicable facilities, instruction on the use of the minus (-) sign would be required by this section as initially proposed for amendment, and retaining the current language creates confusion for elevator manufacturers. Additionally, DSA-AC determined that "★" symbols are universally understood and no explanation for its use is required. This item is being carried forward without further amendment.

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**ITEM 11B.32**

**CHAPTER 11B**  
**DIVISION 4: ACCESSIBLE ROUTES**  
**11B-411 Destination-oriented elevators**  
**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" requires the inclusion of instruction on the use of the (-) button only if applicable. This amendment recognizes that the ★ symbol is universally understood and that an explanation for its use is not presently required for standard elevator installations. In addition, this amendment recognizes that instruction on the use of the - sign would be required to be provided by the elevator manufacturer in providing information integral to the operation of the system provided to a user with a sight impairment in the assignment to an elevator for the specific facility, and does not require an elevator manufacturer to provide this information if it is not applicable to the facility. As a point of reference, San Francisco's AB-090 ordinance, on which Section 411 was based, did not require the "location and use of the ★ and - buttons" in its requirements.

**CODE ADVISORY COMMITTEE: Short Term Further Study**

The Code Advisory Committee recommended further short term study of this item; specifically suggesting that the reference to the "★ and – buttons" be retained and the language "if applicable" be added to the existing code language. After further study, DSA-AC determined that, in applicable facilities, instruction on the use of the minus (-) sign would be required by this section as initially proposed for amendment, and retaining the current language creates confusion for elevator manufacturers. Additionally, DSA-AC determined that "★" symbols are universally understood and no explanation for its use is required. This item is being carried forward without further amendment.

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**ITEM 11B.33**

**CHAPTER 11B**

**DIVISION 4: ACCESSIBLE ROUTES**

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

**11B-411.2.1.3.4 Position.**

**REASON:** DSA-AC is proposing an amendment to this section to clarify the sloping requirements for individual elements or group of individual elements on hall call consoles that are operated by user input. It was not DSA-AC's intent that this provision address the sloping requirements of individual keys and the face of the hall call console independently of each other. As written, this section can be misinterpreted that both the individual keys and the face of the hall call console must be sloped. In addition, this requirement adds the qualifying requirement of compliance with Section 11B-307 for protruding objects. These amendments are parallel to the requirements as stated in San Francisco's AB-090 ordinance, on which Section 411 is based, which stipulates the sloping requirement for "keys or the keyboard console" at 15 to 25 degrees, and contains the qualifying requirement for compliance with "protruding object" limitations as defined in the CBC. This amendment will provide clarity and consistency for code users.

**CODE ADVISORY COMMITTEE: Short Term Further Study**

The Code Advisory Committee recommended further short term study of this item to permit coordinate with San Francisco's AB-090 ordinance. After further study, DSA-AC determined the amendment, as initially proposed, aligns with San Francisco's AB-090 ordinance. DSA-AC is carrying this item forward without further amendment.

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**ITEM 11B.34**

**CHAPTER 11B**

**DIVISION 4: ACCESSIBLE ROUTES**

**11B-407 Elevators**

**Figure 11B-411.2.3**

**REASON:** DSA-AC is proposing to amend the title of Figure 11B-411.2.3 to be consistent with the title of Section 11B-411.2.3. The proposed new title will read "Figure 11B-411.2.3 Floor Designation and Car Designation Signs on Jambs of Destination-Oriented Elevator Hoistway Entrances". This amendment will provide clarity and consistency for code users.

**CODE ADVISORY COMMITTEE: No Action Required** (Editorial change)

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**ITEM 11B.35**

**WITHDRAWN**

**CODE ADVISORY COMMITTEE: Short Term Further Study**

The Code Advisory Committee recommended further short term study of this item; specifically whether vehicles should be permitted to overhang both landscaped areas and paved circulation areas adjacent to parking spaces. Additionally, concern was expressed about whether 24 inches or 36 inches is the appropriate overhang to be permitted. The proposed amendments to Section 11B-502.2 have been withdrawn and DSA-AC will more extensively study this issue during the upcoming code cycle

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**ITEM 11B.36**

**CHAPTER 11B**

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

**11B-502 Parking spaces**

**11B-502.6 Identification.**

**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.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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**ITEM 11B.37**

**CHAPTER 11B**

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

**11B-502 Parking spaces**

**11B-502.6 Identification.**

**Exception**

**REASON:** DSA-AC is proposing to amend the exception to this section to clarify the requirements for vertical clearance where parking space identification signs are located. Section 11B-307.4 is a general requirement for minimum 80 inch vertical clearance in both circulation paths and along accessible routes. The exception to Section 11B-502.6 makes reference to signs located within accessible routes only, inadvertently creating confusion for code users regarding the requirements for signs located within circulation paths. Amending the exception to read “circulation path” rather than “accessible route” will provide clarify for code users that the requirements of Section 11B-307.4 for vertical clearance are applicable where parking space identification signs are located.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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**ITEM 11B.38**

**CHAPTER 11B**

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

**11B-502 Parking spaces**

**11B-502.6 Identification.**

**11B-502.6.2 Minimum fine.**

**REASON:** DSA-AC is proposing to amend this section to clarify for code users that the text required to be placed on parking space identification signs does not include any punctuation marks, specifically a period. The language of Sections 11B-502.6 and 11B-502.6.2 is being revised to show periods outside of the quotation marks. This is an editorial change without regulatory effect.

**CODE ADVISORY COMMITTEE: No Action Required** (Editorial change)

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**ITEM 11B.39**

**CHAPTER 11B**

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

**11B-502 Parking spaces**

**11B-502.6.4 Marking.**

**11B-502.6.4.2**

**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.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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**ITEM 11B.40**

**WITHDRAWN**

**CODE ADVISORY COMMITTEE: Disapprove**

The Code Advisory Committee voted to disapprove this item. DSA-AC has withdrawn the proposed amendment to Section 11B-502.

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**ITEM 11B.41**

**CHAPTER 11B**

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

**11B-503 Passenger drop-off and loading zones**

**11B-503.6 Identification.**

**REASON:** DSA-AC is proposing to repeal the requirement for a sign displaying the International Symbol of Accessibility at passenger loading zones required to be accessible. There is confusion regarding the provisions of CA Vehicle Code Section 22511.5 relating to disabled parking in authorized or designated parking zones. Some local jurisdictions are misinterpreting the vehicle code section as permitting unlimited parking in passenger loading zones marked with the International Symbol of Accessibility by disabled persons displaying a distinguishing placard. Other jurisdictions are reserving passenger loading zones marked with the International Symbol of Accessibility exclusively for use by persons with disabilities. DSA-AC is proposing to eliminate the requirement for a sign displaying the International Symbol of Accessibility consistent with the 2010 ADA Standards requirements for passenger loading zones. This amendment will provide clarity and consistency for code users.

**CODE ADVISORY COMMITTEE: Short Term Further Study**

The Code Advisory Committee recommended further short term study of this item; but made no specific recommendations regarding language. After further study, DSA-AC is carrying this item forward without further amendment. The amendment, as initially proposed, will align the the 2010 ADA Standards requirements for passenger loading zones.

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**ITEM 11B.42**

**CHAPTER 11B**

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

**11B-505 Handrails**

**11B-505.2.1 Orientation.**



**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. Upon recommendation by the Code Advisory Committee, DSA-AC did extensive research and found no requirement for this amendment as it relates to ramps in CBC Chapter 10, the 2010 ADAS, or ANSI A117.1-2009. This amendment will provide clarity and consistency for code users.

**CODE ADVISORY COMMITTEE: Short Term Further Study**

The Code Advisory Committee recommended further short term study; specifically whether the proposed new provisions for handrail orientation at stairs should also be applicable to ramps. After further study, DSA-AC determined there are no requirements for handrail orientation specific to ramps in CBC Chapter 10, the 2010 ADA Standards, or ANSI A117.1-2009. This item is being carried forward without further amendment.

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**ITEM 11B.43**

**CHAPTER 11B**

**DIVISION 6: PLUMBING ELEMENTS AND FACILITIES**

**11B-603 Toilet and bathing rooms**

**11B-603.2.3 Door swing.**

**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 an accessible water closet compartment. DSA-AC is adding similar language to clarify the requirement for doors to accessible water closet compartments. This amendment will provide clarity and consistency for code users.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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**ITEM 11B.44**

**CHAPTER 11B**

**DIVISION 6: PLUMBING ELEMENTS AND FACILITIES**

**11B-603 Toilet and bathing rooms**

**11B-603.2.3 Door swing.**

**Exception 3**

**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.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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**ITEM 11B.45**

**CHAPTER 11B**

**DIVISION 6: PLUMBING ELEMENTS AND FACILITIES**

**11B-604 Water closets and toilet compartments**

**11B-604.9 Water closets and toilet compartments for children's use.**

**REASON:** DSA-AC is proposing to amend this section to eliminate confusion and provide clarify for code users. Confusion was created by the use of the terms "shall comply" and "suggested" within the same

provision. This amendment will clarify that only when the exception for children's water closets and toilet compartments in 11B-604.1 is used must the provisions of 11B-604.9 be applied. Further amendment will clarify that when the dimensions of Table 11B-604.9 are used, they should be applied consistently for a single age group to the installation of a water closet and its related elements.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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**ITEM 11B.46**

**CHAPTER 11B**

**DIVISION 6: PLUMBING ELEMENTS AND FACILITIES**

**11B-608 Shower compartment**

**11B-608.6 Shower spray unit and water.**

**Exception**

**REASON:** DSA-AC is proposing to amend this section to correct inconsistencies inadvertently introduced into this section during the previous triennial code cycle.

The 2010 CA Building Code, Section 1115B.4.4.6, permitted two wall-mounted shower heads in lieu of a fixed flexible hose, in vandalism-prone areas, when one shower head is located at a height of 48 inches above the floor. In 2013 CA Building Code, Section 11B-608.6 the requirement for one of the shower heads to be located at a height of 48 inches above the floor was omitted. The exception to 11B-608.6 is being amended to be consistent with the 2010 CA Building Code section.

In addition, in 2013 CA Building Code, Section 11B-608.6, use of the exception is permitted in facilities that are not transient lodging guest rooms. The 2010 ADA Standards Section 608.6 permits use of the exception in facilities that are not medical care facilities, long-term care facilities, transient lodging guest rooms, or residential dwelling units. The exception to 11B-608.6 is being further amended to be consistent with the corresponding 2010 ADA Standards model code section.

These amendments will provide clarity and consistency for code users.

**CODE ADVISORY COMMITTEE: Short Term Further Study**

The Code Advisory Committee recommended further short term study of this item; specifically whether it is appropriate to add medical care facilities and long term care facilities to the list of facilities the exception does not apply to. Additionally, a request was made to explicitly state the location of the second fixed showerhead. Several advocates expressed concern that the use of fixed showerheads in lieu of hand-held spray units may result in disabled users sitting in cold water while waiting for the water to warm up.

After further study, DSA-AC is carrying this item forward without further amendment. The amendment, as initially proposed, will align the 2016 CBC with the federal 2010 ADA Standards. The 2010 CBC, Section 1115B.4.4.6 permitted the use of two fixed showerheads in vandalism-prone facilities that are not transient lodging guest rooms when one showerhead was mounted at 48 inches above the shower floor. The 2010 ADAS, Section 608.6, Exception permits a fixed shower head located at 48 inches maximum above the shower floor in facilities that are not medical care facilities, long-term care facilities, transient lodging guest rooms or residential dwelling units. Neither the 2010 CBC nor the 2010 ADAS contains a height requirement for the second showerhead.

The issue brought up by advocates of disabled users sitting in cold water waiting for water to warm will be studied more extensively in a future code cycle.

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**ITEM 11B.47**

**CHAPTER 11B**

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

### **11B-705 Detectable warnings and detectable directional texture**

#### **11B-705.1.1.1 Dome size.**

**REASON:** DSA-AC is proposing to amend this section to be consistent with the dome height requirements of 2010 ADA Standards Section 705.1.1. In the 2012 Triennial Rulemaking Cycle, DSA-AC carried forward and incorporated existing technical requirements for detectable warning products located in Part 2, 2010 CA Building Code, Chapter 11B, Section 1121B.3.1, item 8(a), and the applicable manufacturing tolerances for detectable warning products located in Part 12, 2010 CA Referenced Standards Code, Chapters 12-11A and 12-11B, Sections 12-11A.201 and 12-11B.201. The dimensional requirements of Part 2 along with the dimensional tolerances of Part 12 were used to create a range for detectable warning dome height. Use of the model code requirement for an absolute 0.2 inch (5.1 mm) dome height will provide clarity and consistency for code users. Current CA Building Code Section 11B-104.1.1 addresses the use of construction and manufacturing tolerances when absolute dimensions are indicated.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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#### **ITEM 11B.48**

**WITHDRAWN**

**CODE ADVISORY COMMITTEE: Withdrawn by Agency**

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#### **ITEM 11B.49**

### **CHAPTER 11B**

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

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

#### **11B-707.7.1.1 Vertically mounted display screen.**

#### **11B-707.7.1.2 Angle-mounted display screen.**

#### **11B-707.7.1.3 Horizontally mounted display screen.**

**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 consistently for code users.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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#### **ITEM 11B.50**

**WITHDRAWN**

**CODE ADVISORY COMMITTEE: Disapprove**

The Code Advisory Committee voted to disapprove this item. DSA-AC has withdrawn the proposed amendment to Section 11B-805.5.

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#### **ITEM 11B.51**

### **CHAPTER 11B**

**DIVISION 8: SPECIAL ROOMS, SPACES, AND ELEMENTS**  
**11B-812 Electric vehicle charging stations**

**REASON:** DSA-AC is proposing to add explicit accessibility regulations for electric vehicle charging stations (EVCS). These regulations will provide clear and consistent requirements for the rapidly increasing number of EVCS being installed in California. Proposed regulations include scoping and technical requirements. These requirements will be applicable to EVCS installed in or at public buildings, public accommodations, commercial buildings and public housing.

The use of EVCS generally falls into one of two types: 1) parking style where an EV is left in a parking space to charge – usually for a period time exceeding 30 minutes – and the driver may stay with the EV or leave the EV to conduct other activities, and 2) drive-up style where the EV driver pulls up next to an EV charger, charges for a short period of time during which the driver often stays with the vehicle, then proceeds forward to depart; drive-up EVCS are used in a similar fashion to gasoline fueling stations and may allow for queuing of other EVs. This proposal contains distinct requirements for these two types of facilities. In compliance with proposed Table 11B-228.3.2.1, a specified number of parking style EVCS are required to provide compliant operable parts, clear floor space, ground surfaces, vertical clearance, vehicle spaces, access aisles, identification signs and surface marking. Drive-up EVCS are required to provide similar features.

**CODE ADVISORY COMMITTEE: Short Term Further Study**

The Code Advisory Committee made no specific recommendations regarding this item; DSA-AC is carrying this proposed new technical section forward without further amendment.

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**ITEM 11B.51.01 – RELATED CODE AMENDMENT**

**CHAPTER 2 – DEFINITIONS**

**SECTION 202 – Definitions**

**Definition of DRIVE-UP ELECTRIC VEHICLE CHARGER.**

**Definition of ELECTRIC VEHICLE (EV).**

**Definition of ELECTRIC VEHICLE (EV) CHARGER.**

**Definition of ELECTRIC VEHICLE CHARGING SPACE (EV Space).**

**Definition of ELECTRIC VEHICLE CHARGING STATION (EVCS).**

**Definition of ELECTRIC VEHICLE (EV) CONNECTOR.**

**REASON:** DSA-AC is proposing to add new definitions of the terms “drive-up electric vehicle charger”, “electric vehicle (EV)”, electric vehicle (EV) charger”, “electric vehicle charging space (EV space)”, “electric vehicle charging station (EVCS) and “electric vehicle (EV) connector” in coordination with the related code change to add explicit accessibility regulations for electric vehicle charging stations. The adoption of these new definitions will provide clarity and consistency for code users.

**CODE ADVISORY COMMITTEE: Short Term Further Study**

The Code Advisory Committee made no specific recommendations regarding this item; DSA-AC is carrying these proposed new definitions forward without further amendment.

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**ITEM 11B.51.02 – RELATED CODE AMENDMENT**

**CHAPTER 11B**

**DIVISION 1: APPLICATION AND ADMINISTRATION**

**11B-106.5 Defined terms.**

**REASON:** DSA-AC is proposing to add new definitions of the terms “drive-up electric vehicle charger”, “electric vehicle (EV)”, electric vehicle (EV) charger”, “electric vehicle charging space (EV space)”, “electric vehicle charging station (EVCS) and “electric vehicle (EV) connector”.

**CODE ADVISORY COMMITTEE: Short Term Further Study**

The Code Advisory Committee made no specific recommendations regarding this item; DSA-AC is carrying this item forward without further amendment.

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**ITEM 11B.51.03 – RELATED CODE AMENDMENT**

**CHAPTER 11B**

**DIVISION 2: SCOPING**

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

**11B-202.4 Path of travel requirements in alterations, additions and structural repairs.**

**Exception 11**

**REASON:** DSA-AC is proposing to add a new exception to this section to clarify path of travel requirements for electric vehicle charging stations projects at existing buildings and facilities. The new exception addresses alterations at sites where vehicle fueling, recharging, parking or storage is a primary function and alterations at sites where vehicle fueling, recharging, parking or storage is not a primary function. The adoption of this new exception will provide clarity and consistency for code users.

**CODE ADVISORY COMMITTEE: Short Term Further Study**

The Code Advisory Committee recommended further short term study of this item; specifically to address possible confusion created by the use of the term “sites” in various locations. After further study, DSA-AC is carrying forward the proposed new exception to Section 11B-202.4 with further amendment changing the term “sites” to “facilities” in two locations.

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**ITEM 11B.51.04 – RELATED CODE AMENDMENT**

**CHAPTER 11B**

**DIVISION 2: SCOPING**

**11B-208 Parking spaces**

**11B-208.1 General.**

**REASON:** DSA-AC is proposing to amend this section in coordination with the related code change to add explicit accessibility regulations for electric vehicle charging stations (EVCS). The amendment to this section will clarify that EVCS are not considered parking spaces for the purposes of Section 11B-208. The adoption of this amendment will provide consistency for code users.

**CODE ADVISORY COMMITTEE: Short Term Further Study**

The Code Advisory Committee made no specific recommendations regarding this item; DSA-AC is carrying this item forward without further amendment.

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**ITEM 11B.51.05 – RELATED CODE AMENDMENT**

**CHAPTER 11B**

**DIVISION 2: SCOPING**

**11B-228 Depositories, vending machines, change machines, mail boxes, fuel dispensers, and electric vehicle charging stations**

**11B-228.1 General.**

**11B-228.3 Electric vehicle charging stations**

**REASON:** DSA-AC is proposing to add explicit accessibility regulations for electric vehicle charging stations (EVCS). These regulations will provide clear and consistent requirements for the rapidly increasing number of EVCS being installed in California. Proposed regulations include scoping and technical requirements; the proposed scoping provisions will be located in new Section 11B-228.3. These requirements will be applicable to EVCS installed in or at public buildings, public accommodations, commercial buildings and public housing.

**CODE ADVISORY COMMITTEE: Short Term Further Study**

The Code Advisory Committee recommended further short term study of this item; specifically to address possible confusion created by the use of the term “parking facility” in various locations and address suggestions to edit Table 11B-228.3.2.1. After further study, DSA-AC is carrying forward proposed new scoping Section 11B-228.3 with further amendment changing the term “parking facility” to “facility” in two locations. Additionally, Table 11B-228.3.2.1 is being further amended to require one accessible EVCS at facilities with a total of 1 to 4 EVCS and two accessible EVCS at facilities with a total of 5 to 25 EVCS.

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**ITEM 11B.51.06 – RELATED CODE AMENDMENT**

**CHAPTER 11B**

**DIVISION 3: BUILDING BLOCKS**

**11B-309 Operable parts**

**11B-309.4 Operation.**

**Exception**

**REASON:** DSA-AC is proposing to amend the exception to this section in coordination with the related code change to add explicit accessibility regulations for electric vehicle charging stations. The amendment to this exception will exempt electric vehicle connectors from the 5 pounds maximum activating force requirement for operable parts, consistent with the exception for gas pump nozzles. The adoption of this amendment will provide consistency for code users.

**CODE ADVISORY COMMITTEE: Short Term Further Study**

The Code Advisory Committee made no specific recommendations regarding this item; DSA-AC is carrying this item forward without further amendment.

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**ITEM 16.00**

**Chapter 16 – Matrix Adoption Table**

**REASON:** DSA-AC proposes to carry forward its adoption of specific model code provisions and California amendments in Chapter 16, from the 2013 CA Building Code into the 2016 CA Building Code.

**CODE ADVISORY COMMITTEE: No Action Required** (Matrix Adoption Table)

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**ITEM 16.01**

**CHAPTER 16**

**SECTION 1607 LIVE LOADS**

**Section 1607.8 Loads on handrails, guards, grab bars, shower seats, dressing room bench seats**

**and vehicle barriers.**

**REASON:** DSA-AC is amending the model code to carry forward and incorporate existing accessibility provisions of the 2013 CA Building Code into the 2016 CA Building Code.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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## **ITEM 16A.00**

### **Chapter 16A – Matrix Adoption Table**

**REASON:** DSA-AC proposes to carry forward its adoption of specific model code provisions and California amendments in Chapter 16, from the 2013 CA Building Code into the 2016 CA Building Code.

**CODE ADVISORY COMMITTEE: No Action Required** (Matrix Adoption Table)

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## **ITEM 16A.01**

### **CHAPTER 16A**

#### **SECTION 1607A LIVE LOADS**

**Section 1607A.8 Loads on handrails, guards, grab bars, shower seats, dressing room bench seats and vehicle barriers.**

**REASON:** DSA-AC is amending the model code to carry forward and incorporate existing accessibility provisions of the 2013 CA Building Code into the 2016 CA Building Code.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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## **ITEM 30.00**

### **CHAPTER 30 – Matrix Adoption Table**

**REASON:** DSA-AC proposes to carry forward its adoption of specific model code provisions and California amendments in Chapter 30, from the 2013 CA Building Code into the 2016 CA Building Code, with further amendment as indicated.

**CODE ADVISORY COMMITTEE: No Action Required** (Matrix Adoption Table)

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## **ITEM 30.01**

### **CHAPTER 30**

#### **SECTION 3001 GENERAL**

##### **3001.1 Scope.**

##### **3001.3 Accessibility.**

**REASON:** DSA-AC is amending the model code to carry forward and incorporate existing accessibility provisions of the 2013 CA Building Code into the 2016 CA Building Code. Additionally, DSA-AC is proposing to repeal the exception to Section 3001.1. The exception contains technical requirements that are misplaced within the scoping section. The existing amendment being carried forward in Section 3001.3 is being further amended to clearly direct code users to the accessibility provisions of Chapters

11A and 11B for elevators and platform lifts.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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**ITEM 31.00****CHAPTER 31 – Matrix Adoption Table**

**REASON:** DSA-AC proposes to carry forward its adoption of specific model code provisions and California amendments in Chapter 31, from the 2013 CA Building Code into the 2016 CA Building Code, with further amendment as indicated.

**CODE ADVISORY COMMITTEE: No Action Required** (Matrix Adoption Table)

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**ITEM 31.01****CHAPTER 31****SECTION 3104 PEDESTRIAN WALKWAYS AND TUNNELS****3104.2 Separate structures.****Exception 2**

**REASON:** DSA-AC is amending the model code to carry forward and incorporate existing accessibility provisions of the 2013 CA Building Code into the 2016 CA Building Code. The existing amendment being carried forward in Section 3104.2, Exception 2 is being further amended to clarify it is applicable to accessibility in residential facilities.

**CODE ADVISORY COMMITTEE: Short Term Further Study**

The Code Advisory Committee recommended further study of the proposed amendment to Exception 2. A suggestion was made that the proposed term “in residential facilities” be replaced with the term “in residential dwelling units”. After further study, DSA-AC has determined that “in residential facilities” is the correct terminology and is carrying this item forward without further amendment.

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**ITEM 31B.00****CHAPTER 31B – Matrix Adoption Table**

**REASON:** DSA-AC proposes to carry forward its adoption of existing California amendments in Chapter 31B, from the 2013 CA Building Code into the 2016 CA Building Code, with further amendment as indicated.

**CODE ADVISORY COMMITTEE: No Action Required** (Matrix Adoption Table)

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**ITEM 31B.01****CHAPTER 31B****SECTION 3101B SCOPE****Last Paragraph**

**REASON:** DSA-AC is amending the model code to carry forward and incorporate existing accessibility provisions of the 2013 CA Building Code into the 2016 CA Building Code. The Matrix Adoption Table for



Chapter 31B is being amended to correct an inadvertent typographical error in the previous edition of the CA Building Code.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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**ITEM 33.00**

**CHAPTER 33 – Matrix Adoption Table**

**REASON:** DSA-AC proposes to carry forward its adoption of specific model code provisions and California amendments in Chapter 33, from the 2013 CA Building Code into the 2016 CA Building Code, with further amendment as indicated.

**CODE ADVISORY COMMITTEE: No Action Required** (Matrix Adoption Table)

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**ITEM 33.01**

**CHAPTER 33**

**SECTION 3306 PROTECTION OF PEDESTRIANS**

**3306.2 Walkways.**

**REASON:** DSA-AC is amending the model code to carry forward and incorporate existing accessibility provisions of the 2013 CA Building Code into the 2016 CA Building Code.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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**ITEM 35.00**

**CHAPTER 35 – Matrix Adoption Table**

**REASON:** DSA-AC proposes to carry forward its adoption of specific model code provisions and existing California amendments in Chapter 35, from the 2013 CA Building Code into the 2016 CA Building Code, with further amendment as indicated.

**CODE ADVISORY COMMITTEE: No Action Required** (Matrix Adoption Table)

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**ITEM 35.01**

**CHAPTER 35 REFERENCED STANDARDS**

**REASON:** DSA-AC is amending the model code to carry forward and incorporate existing accessibility provisions of the 2013 CA Building Code into the 2016 CA Building Code. The Matrix Adoption Table for Chapter 35 is being amended to correct an inadvertent typographical error in the previous edition of the CA Building Code.

**CODE ADVISORY COMMITTEE: Approve as Submitted**

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**TECHNICAL, THEORETICAL, AND EMPIRICAL STUDY, REPORT, OR SIMILAR DOCUMENTS:**

None required; Section 18928 of the Health & Safety Code mandates this proposed action.

**STATEMENT OF JUSTIFICATION FOR PRESCRIPTIVE STANDARDS:**

The proposed building standards clarify accessibility provisions contained in the 2016 California Building Code. In addition, new prescriptive standards are being added for electric vehicle charging stations to provide consistent scoping and technical requirements. Accessibility is required by the federal Americans with Disabilities Act and corresponding California statute and regulations; lack of consistent scoping and technical requirements creates confusion for code users, building officials, and building and facility owners.

**CONSIDERATION OF REASONABLE ALTERNATIVES**

The Division of the State Architect has not considered any reasonable alternatives to the proposed action.

**REASONABLE ALTERNATIVES THE AGENCY HAS IDENTIFIED THAT WOULD LESSEN ANY ADVERSE IMPACT ON SMALL BUSINESS.**

The Division of the State Architect has not identified any reasonable alternatives to the proposed action, and no adverse impact to small business due to these proposed changes is expected.

**FACTS, EVIDENCE, DOCUMENTS, TESTIMONY, OR OTHER EVIDENCE OF NO SIGNIFICANT ADVERSE IMPACT ON BUSINESS.**

The Division of the State Architect has no evidence indicating any potential significant adverse impact on business with regard to this proposed action.

**ASSESSMENT OF EFFECT OF REGULATIONS UPON JOBS AND BUSINESS EXPANSION, ELIMINATION OR CREATION**

The DSA-AC has assessed whether or not and to what extent this proposal will affect the following:

- The creation or elimination of jobs within the State of California.

The DSA-AC has determined that the proposed action has no effect.

- The creation of new businesses or the elimination of existing businesses within the State of California.

The DSA-AC has determined that the proposed action has no effect.

- The expansion of businesses currently doing business with the State of California.

The DSA-AC has determined that the proposed action has no effect.

- The benefits of the regulation to the health and welfare of California residents, worker safety, and the state's environment.

The DSA-AC has determined that the proposal establishes minimum requirements to safeguard the public health, safety and general welfare through access to persons with disabilities.

**ESTIMATED COST OF COMPLIANCE, ESTIMATED POTENTIAL BENEFITS, AND RELATED ASSUMPTIONS USED FOR BUILDING STANDARDS**

The Division of the State Architect estimates that the cost of compliance with these proposed regulations will be minimal. Clear and consistent scoping and technical requirements benefit code users, building officials, and building and facility owners.

#### **DUPLICATION OR CONFLICTS WITH FEDERAL REGULATIONS**

The regulations proposed for adoption do not duplicate or conflict with federal regulations.