# 2nd 45-DAY EXPRESS TERMS AND RATIONALE FOR PROPOSED BUILDING STANDARDS OF THE DIVISION OF THE STATE ARCHITECT REGARDING THE 2019 CALIFORNIA BUILDING CODE,

# CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 2

# (DSA-AC 01-19)

If using assistive technology, please adjust your settings to recognize underline, strikeout, italics and ellipsis.

# Legend for Express Terms (Based on model codes—Parts 2, 2.5, 3, 4, 5, 9, 10)

* Model Code language appears upright.
* Unmodified California 45-day amendments appear in *underline and italic* and *~~strikeout and italic~~*.
* California 2nd 45-day amendments appear in *double underline and italic* and *double strikethrough and italic*.
* Ellipsis (…) indicate existing text remains unchanged.
* **Rationale:** The justification for the change is shown after each section or series of related changes.

# 2nd 45-DAY EXPRESS TERMS

# Item: 11B.44

**Chapter:** 11B Accessibility to Public Buildings, Public Accommodations, Commercial Buildings and Public Housing

**Section:** 11B-812.7 Electric Vehicle Charging Stations, Access Aisle

**Express Terms:**

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

***11B-812 Electric vehicle charging stations***

*…*

***11B-812.7 Access aisle.*** *Access aisles shall adjoin an accessible route. Two vehicle spaces or one parking space and one electric vehicle charging space shall be permitted to share a common access aisle. Access aisles shall be 60 inches (1524 mm) wide minimum and shall extend the full required length of the vehicle spaces they serve.*

***11B-812.7.1 Location.*** *Access aisles at vehicle spaces shall not overlap the vehicular way and may be placed on either side of the vehicle space they serve except for van accessible spaces which shall have access aisles located on the passenger side of the vehicle spaces.*

***Exception:*** *Where four or fewer total EVCS are provided within a facility, the access aisle for non-angled van accessible spaces may be located on either the driver or passenger side of the vehicle space.*

***11B-812.7.2 Marking.*** *Access aisles at vehicle spaces shall be marked with a painted borderline around their perimeter. The area within the borderlines shall be marked with hatched lines a maximum of 36 inches (914 mm) on center. The color of the borderlines, hatched lines, and letters shall contrast with that of the surface of the access aisle. The blue color required for identification of access aisles for accessible parking shall not be used. Access aisle markings may extend beyond the minimum required length.*

***Exception:*** *Where one parking space and one electric vehicle charging space share an access aisle, access aisle marking shall comply with Section 11B-502.3.3 and shall not be required to comply with Section 11B-812.7.2.*

**Rationale:** Public comments received during the 45-day comment period indicate the proposed requirements for electric vehicle charging station (EVCS) facilities with different charging levels and/or different connector types would be economically infeasible in smaller installations. In response, DSA proposes to amend its proposal to allow access aisles to be located on either side of non-angled van accessible spaces located in smaller facilities with four or fewer total EVCS. This amendment will allow two accessible EVCS spaces to more readily share a single access aisle and will accommodate charging ports in a greater variety of electric vehicles. Shared access aisles allow a more economical EVCS facility installation by requiring less total area.

California Building Code technical provisions for EVCS incorporate many requirements from the *2010 ADA Standards for Accessible Design* applicable to parking. The location of EVCS access aisles on either side of non-angled van accessible spaces in smaller facilities exceeds the minimum requirements of the comparable federal parking requirements.

**Notation:**

Authority: Government Code Section 4450

Reference(s): Government Code Sections 4450 through 4461, and 14679; Health and Safety Code Section 18949.1 and Vehicle Code Section 22511.8.