

Taken to Access

FPS
Physical Access
Compliance Program

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Question of the month:

Q. We are designing a parking facility where an entire area is being designated as car pool parking only. Should a percentage of the parking stalls designated as carpool and clean air vehicle spaces be required to be large enough to accommodate an accessible van?

R. Carpool and clean air vehicle parking spaces would be considered a category of parking no different than compact spaces for example. The total number of spaces, regardless of categories must be included in the total parking count for the facility even when located on separate levels or areas. Since a percentage of the total count has to be accessible parking, then indirectly the accessible parking for clean air vehicles would be provided. Therefore we would **not** require that some of the clean air vehicle spaces be larger than standard required size.

ELECTRIC VEHICLE CHARGING STATIONS

In the last couple of months we have received several inquiries regarding accessibility requirements for Electric Vehicle Charging Stations (EVCS). In California, buildings built in 2015 must provide the appropriate infrastructure for charging stations. However, the current California Building Code has no specific accessibility requirements articulated but it's expected that requirements will be included in the 2016 code cycle. For now, we refer to the Draft Accessibility Building Standards for Electric Vehicle Chargers and Vehicle Spaces for guidance until the code requirements go into effect.

It's important to highlight that EVCS are not parking stalls and are not required to be included in the total parking count. While many designs will place the EVCS adjacent to parking spaces, electric vehicle charging is considered the primary function of EVCS similar to how fuel pumping is the primary function of a gas station. It is critical, that the designated accessible EVCS do not appear to be reserved or to be used exclusively by people with disabilities. The typical dimensions of a standard accessible EVCS are 9' wide x 18' long. The dimensions for a van accessible space are 12' wide by 18' long. Standard and van accessible spaces shall have an adjacent access aisle 60" wide minimum and shall extend the full required length of the vehicle spaces they serve. However, the blue color required for identification of access aisles for accessible parking shall not be used.

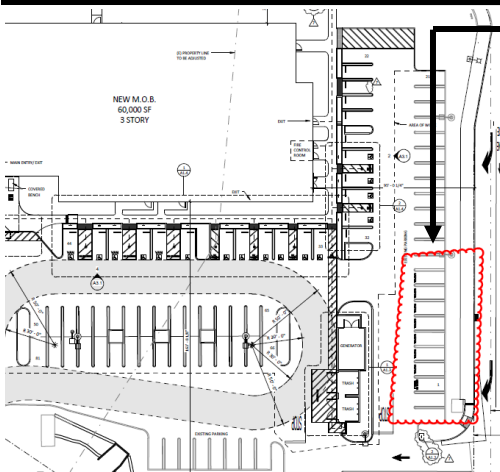
To determine the required number of accessible EVCS we refer to the table shown below (taken from the draft accessibility standards). Other requirements such as clear floor space, height, operable parts and providing an accessible route connecting the EVCS to the entrance of the facility it serves also apply. Due to the many possible scenarios at our facilities we recommend that FPS PAC Accessibility Architect be contacted at ZellmeB@sutterhealth.org for a thorough analysis of proposed designs.

TABLE 11B-228.3.2.1
ELECTRIC VEHICLE CHARGERS AND VEHICLE SPACES FOR
PUBLIC USE AND COMMON USE

Total Number of EV Chargers at a Facility ¹	Minimum Number (by type) of Electric Vehicle Chargers and Vehicle Spaces Required to Comply with Section 11B-812 ¹		
	Van Accessible	Standard Accessible	Ambulatory Accessible
1	1	0	0
2	1	1	0
3 to 4	1	1	1
5 to 10	1	1	2
11 to 20	1	1	3
21 to 50	1	1	4
51 to 100	1	1, plus 1 for each 25, or fraction thereof, over 50	6
101 and over	1, plus 1 for each 300, or fraction thereof, over 100	3, plus 1 for each 50, or fraction thereof, over 100	6, plus 1 for each 25, or fraction thereof, over 100

Notes:

1. Where an EV charging unit can simultaneously charge more than one vehicle, the number of EV chargers provided shall be considered equivalent to the number of electric vehicles that can be simultaneously charged.



While the carpool spaces are segregated in the lower portion of the parking lot, all the accessible parking spaces are located closest to the building entrance as required per 11B-208.3.