

EXERPTS FROM CAL GREEN – PEV CHARGING SYSTEMS

Residential - Voluntary Measures

- **A4.106.6.1 One-and two-family dwellings.** *Install a listed raceway to accommodate a dedicated branch circuit. The raceway shall not be less than trade size 1.*

The raceway shall be securely fastened at the main service or subpanel and shall terminate in close proximity to the proposed location of the charging system into a listed cabinet, box, or enclosure. Raceways are required to be continuous at enclosed or concealed areas and spaces. A raceway may terminate in an attic or other approved location when it can be demonstrated that the area is accessible and no removal of materials is necessary to complete the final installation

A4.106.6.2 Multifamily dwellings. *At least 3 percent of the total parking spaces, but not less than one, shall be capable of supporting future electric vehicle supply equipment (EVSE).³⁵*

o **A4.106.6.2.1 Single charging space required.** *When only a single charging space is required, install a listed raceway capable of accommodating a dedicated branch circuit. The raceway shall not be less than trade size 1. The raceway shall be securely fastened at the main service or subpanel and shall terminate in close proximity to the proposed location of the charging system into a listed cabinet, box or enclosure.*

o **A4.106.6.2.2 Multiple charging spaces required.** *When multiple charging spaces are required, plans shall include the location(s) and type of the EVSE, raceway method(s), wiring schematics and electrical calculations to verify that the electrical system has sufficient capacity to simultaneously charge all the electrical vehicles at all designated EV charging spaces at their full rated amperage. Plan design shall be based upon Level 236 EVSE at its maximum operating ampacity. Only underground raceways and related underground equipment are required to be installed at the time of construction.*

Non-Residential Voluntary Measures

A5.106.5.3 Electric vehicle charging. *Provide facilities meeting Section 406.7 (Electric Vehicle) of the California Building Code and as follows:*

o **A5.106.5.3.1 Electric vehicle supply wiring.** *For each space required in [Table A5.106.5.3.1](#), provide panel capacity and dedicated conduit for one 208/240V 40 amp circuit terminating within 5 feet of the midline of each parking space.*

TABLE A5.106.5.3.1

TOTAL NUMBER OF PARKING SPACES¹	NUMBER OF REQUIRED SPACES
1-50	1
51-200	2
201 and over	4

1. In a parking garage, the total number of parking spaces is for each individual floor or level.