



City of Santa Clara

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Commercial or Multi-Family Electric Vehicle (EV) Charging Station

GUIDELINE:

A building and electrical permit is required for an EV charging system to be installed on commercial, industrial or multi-family dwelling properties.

Accessibility requirement:

The minimum number of accessible charging stations required per site is one. The accessible EV charging parking space shall not be counted as one of the required accessible parking spaces as required by CBC, because the space is allowed to be used by non-disabled people. The size of the accessible EV charging parking space and its access aisle and other accessible requirement shall be in compliance with the current CBC, except it need not be striped or provided with signage as required for accessible parking space. An informational sign shall be posted with suggested wording: "Parking for EV charging only". Suggested wording for the accessible space: "Accessible parking for EV charging only".

The accessible charging station equipment shall meet all applicable reach range provisions and accessible path under the current CBC accessibility requirement.

The EV charging parking space(s) may be counted towards the number of required low-emitting/fuel-efficient parking in the CGBSC.

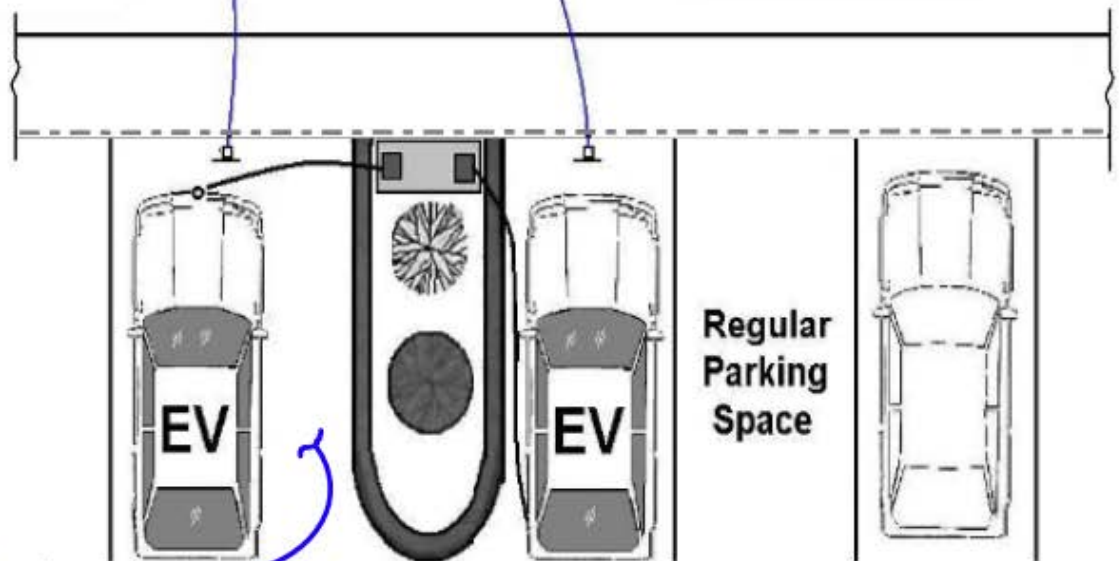
Other requirements:

- Charging system equipment and EVSE (Electric Vehicle Service Equipment) installed inside an individual garage of multi-family dwellings shall follow EV charging system guidelines for a single family dwelling, with the exception that Homeowners' Association or owner's approval (in the case of rental property) is required. Charging stations installed outside a multi-family dwelling building shall also follow this guideline.
- Publicly available charging systems shall follow this guideline, but lighting and shelter are important considerations at public sites.
- Identify all EV charging station locations on the plan.
- Identify if the site is in the flood zone. If so, the charging station shall be elevated or designed according to flood requirements.
- An EV system with a UL listed number or other approved nationally recognized testing laboratory shall be provided on the plans.
- Provide electric load calculation and design for the charging stations. Dedicated new branch circuits from the central meter distribution panel to the charging station may be required.
- Planning approval may be required.
- EVSE shall be installed in accordance with the manufacturer's guidelines and shall be suitable for the environment (indoor/outdoor).
- Manufacturer's installation guidelines shall be available for the inspector at the site.

**ACCESSIBLE
PARKING FOR
ELECTRIC VEHICLE
CHARGING ONLY**

**ALLOWED FOR DISABLE AND
NON-DISABLE PERSON**

**PARKING FOR
ELECTRIC VEHICLE
CHARGING ONLY**



Note:
The accessible charging space shall comply with all accessibility requirements under the current CBC

SAMPLE EV CHARGING PARKING SPACES