



SUBMITTAL AND CALIFORNIA CODE REQUIREMENTS FOR:  
**ELECTRIC VEHICLE CHARGING STATION**

**PERMIT INFORMATION:**

Electric vehicle charging stations (EVCS) must be installed in accordance with manufacturer's installation instructions and in accordance with the 2019 California Electrical Code (CEC) based on the National Electrical Code (NEC). Wiring methods in Chapter 3 of the CEC must be applied to each installation. The EVCS must be listed by a nationally recognized testing laboratory.

**SUBMITTAL REQUIREMENTS:**

- Three (3) Sets of Floor Plans, 8 ½" x 11" minimum size
- Two (2) Sets of the Manufacturer's Installation Instructions.

***The following are guidelines for preparation and submittal of your plans. Specific plan requirements will depend largely upon the extent, nature and complexity of the work to be done.***

- A single line diagram must be included in the submittal with the following information:
  - Conductor types and sizes
  - Size of the over current device (circuit breaker) supplying the EVCS
  - Conduit size, type and location
  - The manufacturer and model of the charging stations
  - The size of the main electric panel, distribution panels (sub panels) and disconnects.

**GENERAL REQUIREMENTS:**

- Verification that the existing main service panel and all panels in the electrical system used for the EVCS are safe and free of electrical hazards. If electrical violations or hazards are present the Owner/Contractor will be required have to have a licensed contractor correct the violations and/or hazards. Damaged equipment must be replaced or repaired and will require permits and inspections.
- The electric vehicle charging system shall be listed by a nationally recognized testing laboratory (i.e., UL) in compliance with UL 2202 "Standard for Electric Vehicle (EV) Charging System Equipment." (CEC 90.7)
- The electric vehicle charging system shall be installed in accordance with manufacturer's guideline and shall be suitable for the environment(indoor/outdoor)
- ONE final inspection is required after all the work has been completed. Contractor/owner-builder shall provide access to all equipment that requires inspection (shall be a qualified) Inspectors do not open equipment.