

### Type of Charging Station(s) Select One

- Level 1 120 Volt System
- Level 2 240 Volt System
- Level 3 Direct Current Fast Charge (DCFC) 480 Volt System

### Plan Requirements

Please verify your plans have all the following:

- Cover Sheet
- Site Plan Sheet
- Electrical Plan Sheet(s)
- Manufacturer's Specifications Sheets
- Load Calculations

### Site Plan and Electrical Plan

1. Is a site plan and electrical plan with a single line diagram included on the plans?  Yes  No
2. If mechanical ventilation is required, (per CEC625.29 (D)) is a mechanical plan included?  Yes  No
3. Is the site plan fully dimensioned and drawn to scale?  Yes  No
4. Does the site plan show the location of the electrical panel to charging system?  Yes  No
5. Does the site plan show location, size, and use of all structures?  Yes  No
6. Does the site plan show type of charging system and mounting?  Yes  No

### Electrical Load Calculation Worksheet

1. Is an electrical load calculation worksheet included (CEC 220)?  Yes  No
2. Based on the load calculation worksheet, is an electrical service panel upgrade needed?  Yes  No
  - a. If yes, do plans indicate the service panel upgrade? A separate permit will be required.  Yes  No
3. Is the charging circuit appropriately sized for a continuous load of 125%?  Yes  No

### Compliance with the 2022 California Electrical Code

1. Does the plan include EVCS manufacturer's specs and installation guidelines?  Yes  No
2. Does the electrical plan identify the amperage and location of existing electrical service panel?  Yes  No
  - a. 1) If yes, does the existing panel schedule show room for additional breakers?  Yes  No
3. Is the charging unit rated more than 60 amps or more than 150V to ground?  Yes  No
  - a. If yes, are disconnecting means provided in a readily accessible location in  Yes  No





line of site and within 50' of EVCS. (CEC 625.23)

4. Does the charging equipment have a Nationally Recognized Testing Laboratory (NRTL) approved listing mark? (UL 2202/UL 2200)  Yes  No
5. If trenching is required, is the trenching detail called out?  Yes  No
- a. Is the trenching in compliance with electrical feeder requirements from structure to structure? (CEC 225)  Yes  No
- b. Is the trenching in compliance with minimum cover requirements for wiring methods or circuits? (18" for direct burial per CEC 300)  Yes  No

### **Compliance with the 2022 California Green Building Standards Code (CGBSC)**

1. Do the CAL Green EV Readiness installation requirements apply to this project?  Yes  No
- a. Do the plans demonstrate conformance with CGBSC Table 5.106.5.3.3 for the minimum required number of charging spaces?  Yes  No
- b. Do the construction plans comply with the design requirements set forth in CGBSC 5.106.5.3.1 for single charging spaces or CGBSC 5.106.5.3.2 for multiple charging spaces?  Yes  No

### **Compliance with 2022 California Building Code, Chapter 11-B for Accessibility Features**

1. Do the plans clearly depict all required accessible EVCS features for the disabled?  Yes  No
- a. Do the plans identify the correct number and type of accessible EVCS stalls required in accordance with Table 11B-228.3.2.1?  Yes  No
- b. Do the plans detail compliance with the accessible EVCS features required by **11B-812** and Figure 11B-812.9  Yes  No
- c. Van accessible parking stalls are plotted as 12' wide with minimum 5' access aisle?  Yes  No

Note: This criteria is intended for an expedited EVCS permitting process. If any items are checked NO, please revise plans to fit within the eligibility checklist; otherwise, the permit application may go through the standard plan review and approval process. Plan review commences the day after submittal with up to 3 business days for qualifying expedited projects and up to 10 business days for all other EVCS projects. Electrical plans shall be completed, stamped, and signed by a California Licensed Electrical Engineer or a C-10 electrical contractor.

