



Electric Vehicle Charging Systems

This information bulletin describes the permitting process for the installation of an Electric Vehicle Charging System (EVCS) on an existing site or building. All EVCS installations shall comply with applicable code requirements. Electric Vehicle (EV) supply equipment shall be listed and labeled by a Nationally Recognized Testing Laboratory (NRTL). The following is required for an over-the-counter or electronically submitted EVCS permit. The applicable codes will be the current version of Article 625 of the CEC and applicable codes of the CRC or CBC.

Single-Family/Duplex/Townhouse: Site/Floor plans are not required as long as the location of the devices proposed are specified within the permit application.

Application: Completed permit application with the following:

Single-line diagrams showing:

- Point of connection to the power supply and the charging unit(s)
- Electrical load calculations
- Electrical panel schedule
- Amperage supplied to charge the electric vehicle.
- Manufacturers' data sheet and installation manuals for the listed charging equipment

All Other Installations: For all other EVCS installations, ~~two copies of~~ plans and calculations are required for review and approval prior to permit issuance.

Site Plan and Floor Plan: Site plan and/or a floor plan must be provided showing the following:

- Existing building(s) and structure(s)
- Existing parking spaces and proposed location of EVCS parking space(s)
- Dimensioned layout of existing accessible parking spaces, including access aisles
- Location and layout of proposed accessible EV charging station including compliance with CBC 11B-812
- Location and depth of proposed wiring.
- Construction BMP's complying with City of Salinas Stormwater Requirements.
- All disconnects sizes, conduits and conductors routing/sizes, and location of panel/sub-panels connected to the EVCS system and the meter panel.

Electrical Plans and Calculations.

Electrical plans and calculations must be signed and stamped by a California registered Electrical Engineer or the licensed Electrical Contractor (C-10) who is responsible for the design and installation of the system. The electrical plans shall include the following information:

- Single-line diagrams showing the system, point of connection to the power supply and the charging unit(s)
- Electrical load calculations
- Electrical panel schedule
- Manufacturers' data sheet for the listed charging equipment
- Amperage supplied to charge the electric vehicle