



PLANNING AND BUILDING DEPARTMENT

BUILDING DIVISION

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Electric Vehicle Charger Submittal Requirements

All plans shall include the following information:

1. Cover Sheet showing the following information: (a) project address; (b) owner's name, address; (c) name, address of person preparing the plans; (d) scope of work statement; (e) sheet index indicating each sheet title and number; (f) legend for symbols, abbreviations, and notations used in the drawings; CBC 107.2.1
2. Site Plan showing: Building footprint of the dwelling including garage, location of the EV charging system, location of the electric service and the interior and exterior locations of all equipment associated with the EV charging system. CBC 107.2.1
3. Electrical Plan showing: A single line diagram indicating all conductor sizes and types; conduit/raceway sizes and types; location and size of all disconnects; location and size of all electrical service and panelboards; size of all overcurrent protection devices; location and size of all receptacles/outlets that will be installed. CBC 107.2.1
4. Load Calculations: Load calculations shall be provided for the existing electrical system. Show the Power Control System PCS if applicable. CEC 220
5. Manufacturer's Specification Sheets with make, model, and listing for all components. Installation manual when required, manufacturer's specification sheets for any electrical equipment to be installed. CBC 107.2.1
6. Additional Information:
 - Equipment Height: The coupling means of the Electric Vehicle Supply Equipment shall be stored at a height of not less than 18 inches above the floor level for indoor locations and not less than 24 inches above grade level for outdoor locations. CEC 625.50
 - Listed Equipment: All Electric Vehicle Supply Equipment shall be listed by a nationally recognized testing laboratory, 625.50
 - Protection from physical damage CEC 110.27(B)