



CITY OF RANCHO MIRAGE

DEVELOPMENT SERVICES

BUILDING AND SAFETY DIVISION

69-825 Highway 111, Rancho Mirage, CA 92270

General: 760.202.9253 Inspections: 760.202.9852

(For City Use Only)

Building Permit No.: _____

Planning

Public Works

RESIDENTIAL AND NON-RESIDENTIAL CHECKLIST FOR PERMITTING ELECTRIC VEHICLES AND ELECTRIC VEHICLE SERVICE EQUIPMENT (EVSE)

Date: ____/____/____
MM DD YYYY

IMPORTANT

Please complete the following information related to permitting and installation of Electric Vehicle Service Equipment (EVSE) as a supplement to the application for a building permit. This checklist contains the technical aspects of EVSE installations and is intended to help expedite permitting and use for electric vehicle charging.

Upon this checklist being deemed complete, a permit shall be issued to the applicant. However, if it is determined that the installation might have a specific adverse impact on public health or safety, additional verification will be required before a permit can be issued.

This checklist substantially follows the "Plug-In Electric Vehicle Infrastructure Permitting Checklist" contained in the Governor's Office of Planning and Research "Zero Emission Vehicles in California: Community Readiness Guidebook" and is purposed to augment the guidebook's checklist.

PROJECT INFORMATION

Job Address: _____ Permit No.: _____

- Single-Family Multi-Family (Apartment) Multi-Family (Condominium) Mixed-Use
 Commercial (Single Business) Commercial (Multi-Businesses) Public Right-of-Way

Location and Number of EVSE to be installed:

Garage _____ Parking Levels _____ Parking Lot _____ Street Curb _____

Description of Work: _____

APPLICANT INFORMATION

Name: _____ Telephone No.: _____
Email Address: _____

OWNER INFORMATION

Name: _____ Telephone No.: _____
Email Address: _____

CONTRACTOR INFORMATION

Name: _____ Telephone No.: _____
Email Address: _____ Contractor Lic. No.: _____
Mailing Address: _____ Contractor Lic. Type: _____

EVSE INFORMATION

EVSE Charging Level: Level 1 (120V) Level 2 (240V) Level 3 (480V)

Maximum Rating (Nameplate) of EV Service Equipment = _____ kW Voltage EVSE = _____ V

Manufacturer of EVSE: _____

Mounting of EVSE: Wall Mount Pole Pedestal Mount Other

System Voltage:

120/240V, 1 ϕ , 3W 120/208V, 3 ϕ , 4W 120/240V, 3 ϕ , 4W
 277/480V, 3 ϕ , 4W Other

Rating of Existing Main Electrical Service Equipment = _____ Amps

Rating of Panel Supplying EVSE (if not directly from Main Service) = _____ Amps

Rating of Circuit for EVSE: _____ Amps / _____ Poles

AIC Rating of EVSE Circuit Breaker (if not Single Family, 400A) = _____ A.I.C (or verify with Inspector in field)

Specify Either Connected, Calculated, or Documented Demand Load of Existing Panel:

- Connected Load of Existing Panel Supplying EVSE = _____ Amps
 Calculated Load of Existing Panel Supplying EVSE = _____ Amps
 Demand Load of Existing Panel or Service Supplying EVSE = _____ Amps
(Provide Demand Load Reading from Electric Utility)

Total Load (Existing plus EVSE Load) = _____ Amps

For Single Family Dwellings, if Existing Load is not known by any of the above methods, then the Calculated Load may be estimated using the "Single-Family Residential Permitting Application Example" in the Governor's Office of Planning and Research "Zero Emission Vehicles in California: Community Readiness Guidebook"

<https://www.opr.ca.gov>

EVSE INFORMATION CONT.

EVSE Rating _____ Amps x 1.25 = _____ Amps = Minimum Ampacity of EVSE Conductor = # _____ AWG

For Single-Family:

- Size of Existing Service conductors = # _____ AWG or kcmil
OR
- Size of Existing Feeder Conductor Supplying EVSE Panel = # _____ AWG or kcmil
OR verify with Inspector in Field

CERTIFICATION

I hereby acknowledge that the information presented is a true and correct representation of existing conditions at the job site and that any causes for concern as to life-safety verifications may require further substantiation of information.

Date: ____/____/____ Name: _____

(Signature)