



PERMIT REQUIREMENTS

There are two levels of electric vehicle (EV) charging systems for single family residence (one and two-family dwellings) installations: Level 1 (120 Vac, 15/20A) and Level 2 (240 Vac, 40A). An electrical permit is required for all EV charging systems installed in a single family residence. Additionally, a mechanical permit is required when the manufacturer's installation guidelines require mechanical ventilation. EV Charging system permits can be obtained via email at buildingpermits@san-marcos.net.

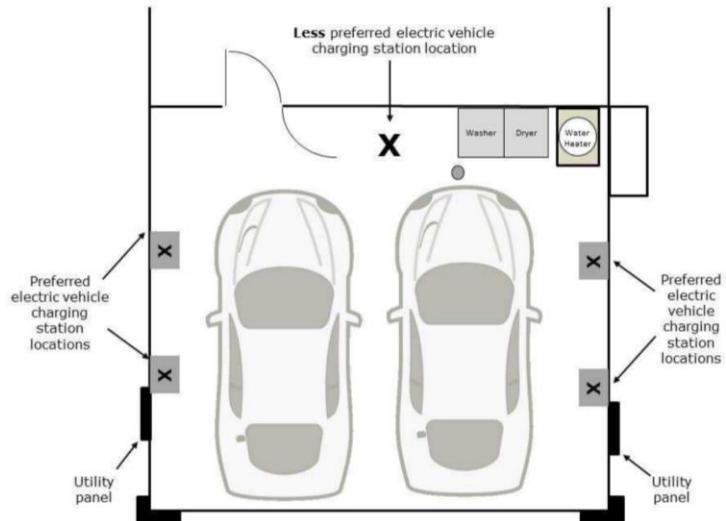
Electrical Permit Requirements:

1. City of San Marcos Building Permit Application
2. EVSE work sheet and ESVE Load Calculations (if required)
3. Floor plan of the garage showing the existing electrical panel and the proposed location of the EV system.
4. One copy of the Manufacturers Installation Guidelines will be required for permit issuance.

The electrical panel serving the EVSE must be rated for 100 Amps or more; if the existing panel is 100 Amps and the EVSE exceeds 20 Amps then EVSE Load Calculations Sheet is required.

If mechanical ventilation is required for your EVSE installation this must be identified on the plan and manufacturer's installation guidelines shall be submitted for issuance.

Garage Locations for EVSE



EVSE PERMIT WORKSHEET

This worksheet will be used to obtain an electrical permit to install Electrical Vehicle Service Equipment (EVSE) in a private garage serving either a single family dwelling or condominium, provided the electrical service serving the installation is rated for 100 Amps or more.

PROJECT ADDRESS:

THE PROPOSED INSTALLATION WILL SERVE (Please check one)

- SINGLE FAMILY DWELLING: The location of the EVSE is within the dwellings' private garage.
- CONDOMINIUM: The location of the EVSE is within a private garage for the condominium.

ELECTRIC SERVICE (Please check the size of the electric service serving the proposed installation

- 100 Amps
- 200 Amps
- OTHER; Specify: _____

The EVSE must be a listed unit and installed per its listing and installation guidelines

EVSE NAMEPLATE RATING (Please check one)

- 20 Amps/120 volts
- 20 Amps/240 volts
- 40 Amps/240 volts

If the service size is 100 Amps or greater, and the EVSE does not exceed 20 Amps, no additional information is needed.

If the EVSE exceeds 20 Amps, and the service size is less than 125Amps, complete an EVSE Load Calculation Worksheet to demonstrate the current electrical service capacity is sufficient.

Signature

Print Name

Date