



Attachment 'D'

City of Kerman  
COMMUNITY DEVELOPMENT DEPARTMENT  
850 S. Madera Ave. Kerman, CA 93630  
(559) 846-6121

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

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.

Job Address:	Permit No.
<input type="checkbox"/> Single-Family <input type="checkbox"/> Multi-Family (Apartment) <input type="checkbox"/> Multi-Family (Condominium) <input type="checkbox"/> Commercial (Single Business) <input type="checkbox"/> Commercial (Multi-Businesses) <input type="checkbox"/> Mixed-Use	
Location and Number of EVSE to be Installed:	
Garage _____    Parking Level(s) _____    Parking Lot _____	
Description of Work:	

Applicant Name:	
Applicant Phone & email:	
Contractor Name:	License Number & Type:
Contractor Phone & email:	
Owner Name:	



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EVSE Charging Level: <input type="checkbox"/> Level 1 (120V) <input type="checkbox"/> Level 2 (240V) <input type="checkbox"/> Level 3 (480V)	
Maximum Rating (Nameplate) of EV Service Equipment = _____ kW	
Voltage EVSE = _____ V	Manufacturer of EVSE: _____
Mounting of EVSE: <input type="checkbox"/> Wall Mount <input type="checkbox"/> Pole Pedestal Mount <input type="checkbox"/> Other _____	

System Voltage: <input type="checkbox"/> 120/240V, 1φ, 3W <input type="checkbox"/> 120/208V, 3φ, 4W <input type="checkbox"/> 120/240V, 3φ, 4W <input type="checkbox"/> 277/480V, 3φ, 4W <input type="checkbox"/> Other _____
Rating of Existing Main Electrical Service Equipment = _____ Amperes
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" <a href="https://www.opr.ca.gov">https://www.opr.ca.gov</a>

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)



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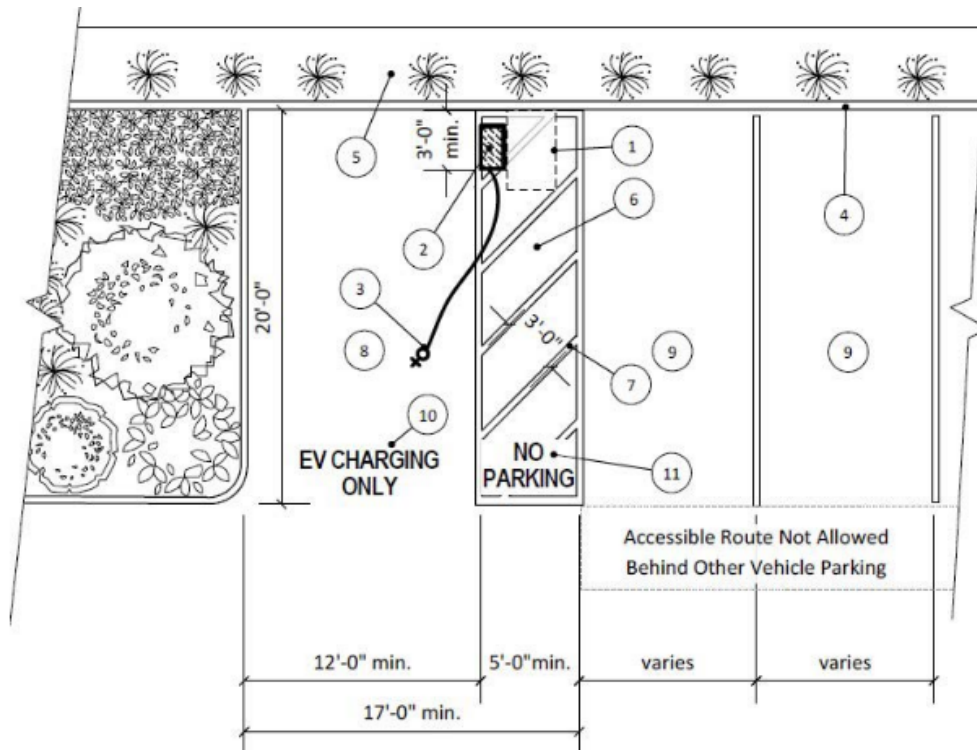
### SITE PLAN

A site plan is required showing the following minimum requirements for non-residential projects. **[Not required for Level One or Level Two EVCS equipment installed within an existing one or two-family residential structure (i.e., garage or carport):**

- Location and name of structure(s) on the site.
- Location(s) of all parking space(s) and circulation areas.
- Property lines, streets, lot dimensions, North arrow, the distance from property lines to structures, and the proposed EVCS equipment.
- Equipment for the Electric Vehicle Charging Station.
- Location of the electric run, existing and proposed EV stations, panels, and other equipment.
- Provide manufacturer sheets on all equipment to be used.
- Electrical plans that detail the installation.
- Building footprint and landscape area.
- Codes applicable to the project.
- Occupancy and use of the facility.
- Narrative description and scope of the proposed project.
- Accessibility requirements are required for public and common use areas, public accommodations, commercial facilities, and public housing as defined in the CA Building Code. Show and specify on the plans all the applicable accessibility requirements prescribed in California Building Code (CBC), Chapter 11B. See attached typical charging station configuration examples.
- Electrical plans shall comply with applicable requirements of the California Electric Code, currently 2022 Edition, be completed, stamped, and signed by a California Registered Design Professional or a C-10 electrical contractor.

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.

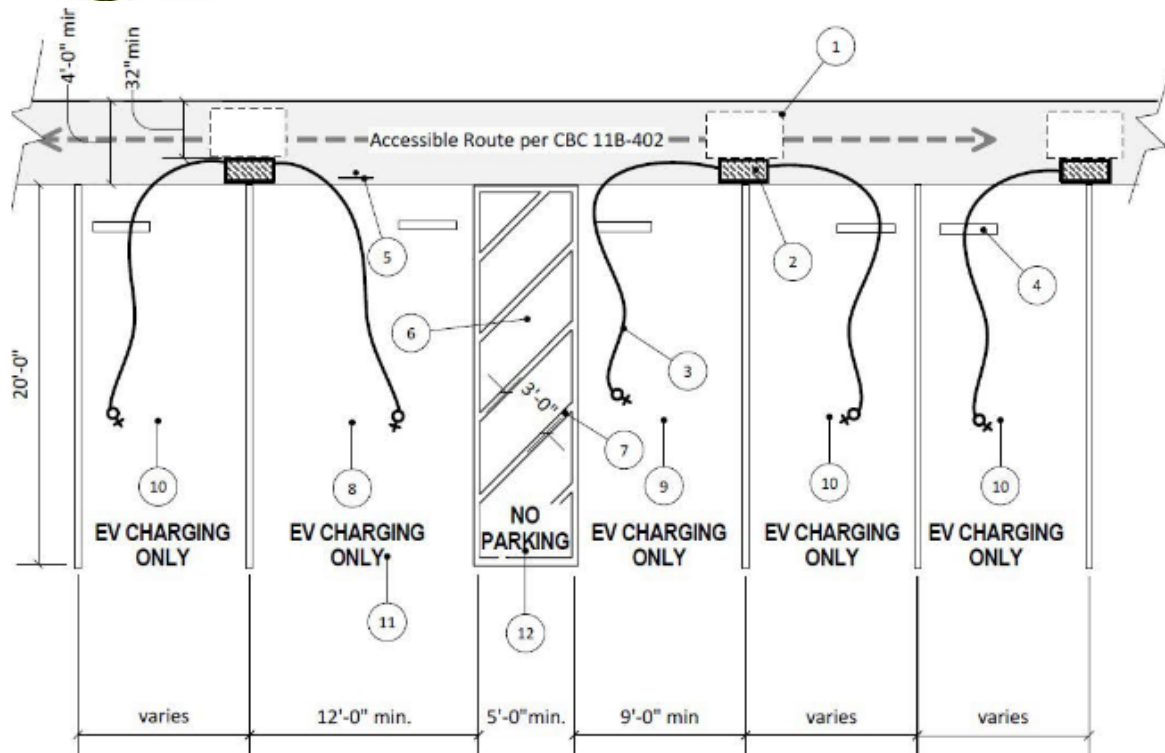
Signature of Permit Applicant: \_\_\_\_\_ Date: \_\_\_\_\_



**Typical Single Electric Vehicle Charging Station Configuration for an Existing Commercial Facility or Public Accommodation**

See 2022 CA Building Code Sections 11B-202.4, 11B-812 and 11B-228.3 for additional requirements.

KEY LEGEND	
1	30" x 48" clear space for parallel approach (CBC 11B-305).
2	Electric Vehicle Charging Station (EVCS)(see CBC 11B-228.3 & 11B-812 for requirements).
3	Electric Vehicle Charging Station coupling (nozzle) and conductor.
4	Curb
5	No International Symbol of Accessibility (ISA) sign or "Van Accessible" sign is required (see CBC 11B-812.8)
6	60" minimum width access aisle located on the passenger side of a van accessible space and at the same level as the adjacent vehicle space. (CBC 11B-812.7)
7	Contrasting border and 36" maximum on center diagonal hatched lines designating the access aisle. Access aisles borderlines and hatched lines for EVCS spaces <u>shall not be blue</u> . (CBC 11B-812.7.2)
8	Minimum 144" wide by 216" long van accessible lined EVCS space (ISA sign and "Van Accessible" sign NOT required). (CBC 11B-812.6 and 11B-812.8)
9	Parking space not regulated by CBC 11B-812.
10	12" high "EV CHARGING ONLY" surface marking at the end of each EVCS space. (CBC 11B-812.9)
11	12" high "NO PARKING" surface marking within the access aisle. (CBC 11B-812.7.3)



**Typical Electric Vehicle Charging Station Configuration for Public Use**

See 2022 CA Building Code Sections 11B-812 and 11B-228.3 for additional requirements.

KEY LEGEND	
1	30" x 48" clear space for parallel approach (CBC 11B-305).
2	Electric Vehicle Charging Station (EVCS) (see CBC 11B-228.3 & 11B-812 for requirements).
3	Electric Vehicle Charging Station coupling (nozzle) and conductor.
4	Wheel stop.
5	70 sq. inches reflectorized International Symbol of Accessibility (ISA) sign required at van accessible charging station when 5 or more EVCS spaces are provided (CBC 11B-812.8.6). "Van Accessible" sign shall also be provided. (See CBC 11B-812.8 for additional requirements)
6	60" minimum width access aisle located on the passenger side of a van accessible space and at the same level as the adjacent vehicle space. (CBC 11B-812.7)
7	Contrasting border and 36" maximum on center diagonal hatched lines designating the access aisle. Access aisles borderlines and hatched lines for EVCS spaces <u>shall not be blue</u> . (CBC 11B-812.7.2)
8	Minimum 144" wide by 216" long van accessible lined EVCS space (ISA sign and "Van Accessible" sign required). (CBC 11B-812.6.1 and 11B-812.8)
9	Minimum 108" wide by 216" standard accessible lined EVCS space (ISA sign <u>not</u> required unless 26 or more EVCS are provided). (CBC 11B-812.6.2)
10	EVCS space not regulated by CBC 11B-812.
11	12" high "EV CHARGING ONLY" surface marking at the end of each EVCS space. (CBC 11B-812.9)
12	12" high "NO PARKING" surface marking within the access aisle. (CBC 11B-812.7.3)