CITY OF FOLSOM
DISTINCTIVE BY NATURE

Community Development
Building Department

Commercial Electric Vehicle Service Equipment Submittal Checklist (CD-B219)

A permit is required for the installation or modification of Electric Vehicle Service Equipment (EVSE) such as EV car chargers. EVSE shall be installed in accordance with the current adopted edition of the California Electrical Code (CEC) Article 625, California Building Code (CBC), Folsom Municipal Code (FMC) Chapter 17.57 and any other applicable articles or codes adopted by the City of Folsom. See below for the permitting process and items required for the review and approval of EVSE:

Permitting Process:

Applicant applies for permit and uploads all documents, plans and contract using the eTRAKiT system.
Additional information about the City of Folsom Building Plan Review Process is available online.
Additional building information and Building Resources are also available online at the City of Folsom website.
The ePermit Center provides information about the city's online permitting and plan review process.

Links:

- eTRAKIT ..... https://etrakit.folsom.ca.us/etrakit/
- Building Plan Review ..... https://www.folsom.ca.us/government/community-development/building-services/plan-check
- Building Resources ..... https://www.folsom.ca.us/government/community-development/building-services/
- ePermit Center ..... https://www.folsom.ca.us/government/community-development/epermit-center

Checklist Items: (Required with submittal documents)

☐ Submittal of SMUD approval required – contact SMUD for infrastructure capacity evaluation. Capacity information can be found at: electrificationprograms@smud.org 916-732-5095 (for more information including up to date contact information, visit SMUD at smud.org/construction)

☐ EVSE is rated 60 amps or less and 150 volts to ground or less, **or**;

☐ EVSE is rated greater than 60A or more than 150 volts to ground, the disconnecting means shall be provided and installed in a readily accessible location. The disconnecting means shall be lockable open in accordance with 110.25.and will be installed in accordance with CEC 625.23

Manufacturer Specifications: (Submit spec sheet with construction documents)

☐ Specification sheet indicates EVSE meets UL requirements and is listed (CEC 110.3)

☐ Specification sheet indicates mounting height (CEC 625.50)

☐ Specification sheet indicates mounting instructions and equipment connection type (CEC 625.44)

Site Plan: (Submit plans with construction documents)

☐ Site plan shows proximity to building entrance and applicable accessible routes (CBC 11B-812.5)

☐ Site plan shows arrangement of interconnected electrical equipment (CEC 408.2)

☐ EVSE parking complies with zoning (FMC 17.57) and accessibility (CBC 11B 812.5 – 812.7) requirements.

☐ Site plan shows lighting serving EVSE, with minimum illumination (FC) at means of egress (CBC 1008.2.1)

☐ EVSE complies with accessible space requirements (CBC 11B-309.4, 11B-228.3, 11B-502)

☐ Mounting height per manufacturer specifications, and protected (CEC 110.27, CEC 625.50)

☐ Site plans indicate working space including depth based on equipment voltage per CEC 110.26.

☐ EVSE does not interfere with accessible routes with 36” or wider minimum clear as per CBC 11B-403.5.

☐ Site plan indicates equipment mounting per manufacturer specifications or loads (CEC 110.3, ASCE-7)

☐ Any required bollards and/or wheelstops are shown with sufficient detail (CMC 305.1.1, CBC 11B-502.7.2)

☐ Accessible Electrical Vehicle Charging Station identification is provided in compliance with CBC 11B-812.8, with surface marking stating “EV Charging Only” and in compliance with CBC 11B-812.9.

Electrical Drawings: (Submit plans with construction documents)

☐ Electrical load capacity for new and existing conductors and equipment feeding EVSE. (CEC 220.40, 230.79, 408.30)

☐ Show any modifications to existing service equipment with information sufficient to indicate that the installation is in accordance with the existing equipment listing (CEC 110.3) using listed hardware (CEC 230.46) as applicable.

☐ Conductor ratings are shown with sufficient information to determine compliance with CEC Chapter 3.

☐ Service voltage (CEC 110.4), grounding configuration (CEC 250.20), and fault current ratings shown (CEC 110.10)

☐ Conductors are rated for connections (CEC 110.14) and to support 125% of the rated equipment load (CEC 625.21)

☐ Plans show EVSE connection to premises wiring system matching manufacturer specification (CEC 625.44). Any cord connected equipment specifies a receptacle with GFCI protection for the receptacle in accordance with CEC 625.54.

☐ Overcurrent protective device types and ratings shown (CEC Art. 240)

Utility marking locations of existing power lines, gas lines or other utility underground installations shall be completed prior to excavation. (USAnorth811.org, OSHA 1926.651, California Government §4216)

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

Job Address: _____

Signature: _____ Date: _____