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SAN BERNARDINO COUNTY

Land Use Services Department
Building and Safety Division

Eligibility Checklist for Expedited Electric Vehicle Charging Station Permit: Non-Residential Buildings and Facilities

Type of Charging Station(s)	Power Levels (proposed circuit rating)	Check one
Level 1	110/120 volt alternating current (VAC) at 15 or 20 Amps	◯
Level 2 - 3.3 kilowatt (kW) (low)	208/240 VAC at 20 or 30 Amps	◯
Level 2 – 6.6kW (medium)	208/240 VAC at 40 Amps	◯
Level 2 – 9.6kW (high)	208/240 VAC at 50 Amps	◯
Level 2 – 19.2kW (highest)	208/240 VAC at 100 Amps	◯
Other (provide detail):	Provide rating:	◯

Permit Application Requirements:

A. Does the application include EVCS manufacturer's specs and installation guidelines?	◯ Y	◯ N

Electrical Load Calculation Worksheet:

A. Is an electrical load calculation worksheet included? **(CEC 220)**	◯ Y	◯ N
B. Based on the load calculation worksheet, is a new electrical service panel upgrade required?	◯ Y	◯ N
1) If yes, do plans include the electrical service panel upgrade?	◯ Y	◯ N
C. Is the charging circuit appropriately sized for a continuous load of 125%?	◯ Y	◯ N
D. If charging equipment proposed is a Level 2 – 9.6 kW station with a circuit rating of 50 Amps or higher, is a completed circuit card with electrical calculations included with the single line diagram?	◯ Y	◯ N

Site Plan and Single Line Drawing:

A. Is a site plan and separate electrical plan with a single-line diagram included with the permit application?	◯ Y	◯ N
1) If mechanical ventilation requirements are triggered for indoor venting requirements (**CEC 625.29 (D)**), is a mechanical plan included with the permit application?	◯ Y	◯ N
B. Is the site plan fully dimensioned and drawn to scale?	◯ Y	◯ N
1) Showing location, size, and use of all structures	◯ Y	◯ N
2) Showing location of electrical panel to charging system	◯ Y	◯ N
3) Showing type of charging system and mounting	◯ Y	◯ N

Compliance with the California Electrical Code:

A. Does the plan include EVCS manufacturer's specs and installation guidelines?	◯ Y	◯ N
B. Does the electrical plan identify the amperage and location of existing electrical service panel?	◯ Y	◯ N
1) If yes, does the existing panel schedule show room for additional breakers?	◯ Y	◯ N
C. Is the charging unit rated more than 60 amps or more than 150V to ground?	◯ Y	◯ N
1) If yes, are disconnecting means provided in a readily accessible location in line of site and within 50' of EVCS. (**CEC 625.23**)	◯ Y	◯ N
D. Does the charging equipment have a Nationally Recognized Testing Laboratory (NRTL) approved listing mark? (UL 2202/UL 2200)	◯ Y	◯ N
E. If trenching is required, is the trenching detail called out?	◯ Y	◯ N
1) Is the trenching in compliance with electrical feeder requirements from structure to structure? (**CEC 225**)	◯ Y	◯ N
2) Is the trenching in compliance with minimum cover requirements for wiring methods or circuits? (18" for direct burial per **CEC 300**)	◯ Y	◯ N

Compliance with the California Green Building Standards Code (CGBSC):

A. Do the CAL Green EV Readiness installation requirements apply to this project?	◯ Y	◯ N
1) Do the plans demonstrate conformance with **CGBSC Table 5.106.5.3.3** for the minimum required number of charging spaces?	◯ Y	◯ N
2) Do the construction plans comply with the design requirements set forth in **CGBSC 5.106.5.3.1** for single charging spaces or **CGBSC 5.106.5.3.2** for multiple charging spaces?	◯ Y	◯ N

Compliance with California Building Code, Chapter 11-B for Accessibility Features:

B. Do the plans clearly depict all required accessible EVCS features for the disabled?	◯ Y	◯ N
1) Do the plans identify the correct number and type of accessible EVCS stalls required in accordance with **Table 11B-228.3.2.1**?	◯ Y	◯ N
2) Do the plans detail compliance with the accessible EVCS features required by **11B-812** and **Figure 11B-812.9**?	◯ Y	◯ N

A. **Projects with 1-25 stations:** 5 business days to deem an application complete or incomplete, once application is complete, 20 business days to issue an approval to build.

B. **Projects with 26 or more stations:** 10 business days to deem an application in/complete, 40 business days to issue an approval to build.

Electrical plans shall be completed, stamped and signed by a California Licensed Electrical Engineer or a C-10 or C-46 electrical contractor.

Applicants should submit for an electrical record via EZ Online Permitting at the following website: http://wp.sbcounty.gov/ezop/.

Project Address: _____

Applicants Printed Name: _____

Applicant Signature: _____

Contractor's License Number and type: _____ - _____