



Nevada County Building Department

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Partnering to Improve Consistency & Customer Service

Non-Residential Electric Vehicle Charging Station Permit Checklist

This checklist is provided to determine if your application is eligible for expedited EVCS processing. If any item is checked "NO", revise design, otherwise application must go through standard review process.

Level 1	Туре	of Charging Station(s) Proposed	Power Levels (proposed circuit rating)		Cho	eck one		
Level 2 – 3.3 kilowatt (kW) (Low) 208/240 VAC at 20 r 30 Amps Multi-Unit dwelling Level 2 – 5.6 kW (medium) 208/240 VAC at 40 Amps Commercial Office Building Level 2 – 9.6 kW (high) 208/240 VAC at 50 Amps Public Access Level 2 – 9.10 kW (highest) 208/240 VAC at 50 Amps Public Access Level 2 – 19.2 kW (highest) 208/240 VAC at 100 Amps Public Access Level 2 – 19.2 kW (highest) 208/240 VAC at 100 Amps Public Access Level 2 – 19.2 kW (highest) Provide Ratings: Prov	Leve	el 1	110/120 volt alternating current	Commercial/Office Building				
Level 2 – 6.6 kW (medium) 208/240 VAC at 40 Amps Commercial Office Building Level 2 – 9.6 kW (high) 208/240 VAC at 50 Amps Public Access □			(VAC) at 15 or 20 Amps					
Level 2 – 9.6 kW (high) Level 2 – 19.2 kW (highest) DC Fast Charging 440 or 480 VAC DUBLIC Access Utility (Provide Detail): Provide Ratings: PERMIT APPLICATION A. Is the application complete with the following information: Project address, parcel #, builder/owner name, contractor name, valid contractor license #, phone numbers etc. B. Does the application include EVCS manufacturer's specs and installation guidelines V N B. Based on the load calculation worksheet included? (CEC 220) B. Based on the load calculation worksheet included? (CEC 220) B. Based on the load calculation worksheet, is a new electrical service panel upgrade 1) If yes, dop plans include the electrical service panel upgrade required 1) If yes, dop plans include the electrical service panel upgrade required 1) If charging circuit appropriately sized for a continuous load (125%) 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 panel schedule with electrical calculations included with the single line diagram SITE PLAN & SINGLE LINE DRAWING A. Is a site plan and electrical plan with a single-line diagram included with the permit application 1) If mechanical ventilation requirements are triggered for indoor venting requirements (CEC 625.52 Y N B. Is the site plan fully dimensioned and drawn to scale 1) Showing location, size, and use of all structures 2) Showing location, size, and use of all structures 2) Showing location, size, and use of all structures 3) Showing type of charging system and mounting COMPLIANCE WITH 2019 CALIFORNIA ELECTRCIAL CODE (TITLE 24, PART 3) A. Are the EVCS manufacturer's spees and installation guidelines included 1) If yes, does the existing panel schedule show room for additional breakers Y N C. Is the charging quipiment have a Nationally Recognized Testing Laboratory (NRTL) approved listing D. Does the charging equipiment have a Nationally Recognized Testing Laboratory (NRTL) approved listing	Leve	el 2 – 3.3 kilowatt (kW) (Low)	208/240 VAC at 20 or 30 Amps	Multi-Unit dwelling				
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mark. (UL 2202/UL 2200)	D.		a Nationally Recognized Testing Labora	tory (NRTL) approved listing				
		mark. (UL 2202/UL 2200)			Y			

E. If trenching is required, is the trenching detail called out							
 Is the trenching in compliance with electrical feeder requirements from structure to structure? (CEC 225) 	□Y	□N					
 Is the trenching in compliance of minimum cover requirements for wiring methods or circuits (CEC 300) 	□Y	□N					
COMPLIANCE WITH 2019 MANDATORY CALGREEN CODE							
A. Do CAL Green EV infrastructure installation requirements apply to this project	□Y	N					
 Are parking space calculations provided for the installation of EV infrastructure per CGBSC 5.106.5.3 	ΠY	□N					
 Are details provided for panel identification, placement of infrastructure and electrical calculations accounting for the future EVCS loading 	ΠY	□N					
COMPLIANCE WITH 2019 CALIFORNIA BUILDING CODE DISABLED ACCESSIBILITY							
A. Is this project required to comply with California Building Code 11B-228.3 for accessible EVCS spaces	□Y	N					
1) Are the minimum number of accessible EVCS spaces provided per California Building Code Table 11B-228.3.2.1 and shown on the site plan(s)	Π	□N					
 Details and notes are provided showing vehicle space markings, signage, space sizes, vertical clearances, accessible paths/routes of travel, operate parts detail and type of space (van, drive-up, standard, etc) 	□Y	□N					
 EVCS parking space(s) are connected with an accessible path/route of travel to building(s) or facility 	□Y	□N					
As the responsible contractor or authorized agent for the project I understand that I am responsible for the accuracy of all information provided in this application. I also understand that revisions to this project will result in a revised application and plan review submitted to the building division which may not be eligible for expedited electric vehicle charging station permit issuance.							
Contractor/Authorized Agent Name: (Please Print)							
Contractor/Authorized Agent Signature:Date:							