



Eligibility Checklist for Expedited Electric Vehicle Charging Station Non-Residential Permitting
 (Covers 2016 California Codes)

This checklist is provided to determine if your application is eligible for expedited processing under Town of Danville Municipal Code Section 10.x. If any item is checked NO but the topical element is applicable to the project, please revise design; otherwise, application must go through standard review process.

Type of Charging Station(s) Proposed Power Levels (proposed circuit rating)			Check applicability
Level 1	110/120 volt alternating current (VAC) at 15 or 20 Amps	Commercial/Office Building	<input type="checkbox"/>
Level 2 – 3.3 kilowatt (kW) (Low)	208/240 VAC at 20 or 30 Amps	Multi-Unit dwelling	<input type="checkbox"/>
Level 2 – 6.6 kW (medium)	208/240 VAC at 40 Amps	Commercial Office Building	<input type="checkbox"/>
Level 2 – 9.6 kW (high)	208/240 VAC at 50 Amps	Public Access	<input type="checkbox"/>
Level 2 – 19.2 kW (highest)	208/240 VAC at 100 Amps		<input type="checkbox"/>
DC Fast Charging	440 or 480 VAC	Public Access/Large Com. Office Building or parks Hospitality & Recreation	<input type="checkbox"/>
Other (Provide Detail):	Provide Ratings:		<input type="checkbox"/>

PERMIT APPLICATION REQUIREMENTS

A. Is the application complete with the following information?: Project address, parcel #, builder/owner name, contractor name, valid contractor license #, phone numbers etc.	<input type="checkbox"/> Y	<input type="checkbox"/> N	Required
B. Does the application include EVCS manufacturer’s specs and installation guidelines?	<input type="checkbox"/> Y	<input type="checkbox"/> N	Required

SITE PLAN & SINGLE LINE DRAWING REQUIREMENTS

A. Is a site plan and electrical plan with a single-line diagram included with the permit application?	<input type="checkbox"/> Y	<input type="checkbox"/> N	Required
B. Is the site plan fully dimensioned and drawn to scale?	<input type="checkbox"/> Y	<input type="checkbox"/> N	Required
a. Showing location, size, and use of all structures?	<input type="checkbox"/> Y	<input type="checkbox"/> N	Required
b. Showing location of electrical panel to charging system?	<input type="checkbox"/> Y	<input type="checkbox"/> N	Required
c. Showing type of charging system and mounting?	<input type="checkbox"/> Y	<input type="checkbox"/> N	Required

(Continued Next Page)



CALIFORNIA ELECTRICAL CODE (CEC) REQUIREMENTS

A.	Is an electrical load calculation worksheet included (CEC 220)?	<input type="checkbox"/> Y	<input type="checkbox"/> N	Required
B.	Based on the load calculation worksheet, is a new electrical service panel upgrade required?	<input type="checkbox"/> Y		<input type="checkbox"/> N/A
	1) If yes, do plans include the electrical service panel upgrade?	<input type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/> N/A
C.	Is the charging circuit appropriately sized for a continuous load (125%)?	<input type="checkbox"/> Y	<input type="checkbox"/> N	Required
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?	<input type="checkbox"/> Y		<input type="checkbox"/> N/A
E.	If mechanical ventilation requirements are triggered for indoor venting requirements (CEC 625.52), is a mechanical plan included with the permit application?	<input checked="" type="checkbox"/> Y		<input type="checkbox"/> N/A
F.	Does the plan include EVCS manufacturer's specs and installation guidelines?	<input type="checkbox"/> Y	<input type="checkbox"/> N	Required
G.	Does the electrical plan identify the amperage and location of existing electrical service panel?	<input type="checkbox"/> Y	<input type="checkbox"/> N	Required
	1) If yes, does the existing panel schedule show room for additional breakers?	<input type="checkbox"/> Y		<input type="checkbox"/> N/A
H.	Is the charging unit rated more than 60 amps or more than 150V to ground?	<input type="checkbox"/> Y		<input type="checkbox"/> N/A
	1) If yes, are disconnecting means provided in a readily accessible location in line of site and within 50' of EVCS (CEC 625.23)?	<input type="checkbox"/> Y	<input type="checkbox"/> N	
I.	Does the charging equipment have a Nationally Recognized Testing Laboratory (NRTL) approved listing mark (UL 2202/UL 2200)?	<input type="checkbox"/> Y	<input type="checkbox"/> N	Required
J.	Is trenching required?	<input type="checkbox"/> Y		<input type="checkbox"/> N/A
	1) Is the trenching detail called out in the plans?	<input type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/> N/A
	2) Is the trenching in compliance with electrical feeder requirements from structure to structure (CEC 225)?	<input type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/> N/A
	3) Is the trenching in compliance of minimum cover requirements for wiring methods or circuits (18" for direct burial per CEC 300)?	<input type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/> N/A



ACCESSIBILITY REQUIREMENTS OF CHAPTER 11B OF CALIFORNIA BUILDING CODE (CBC)

<p>A. Per CBC Division 2 Scoping Requirements of Chapter 11B, EV Charger Stations must be installed to meet all Division 2 provisions as well as all Section 11B-202.4 Path of Travel provisions, unless specific exception or unreasonable hardship are documented for the project and approved by the Town.</p>			Basic Scoping Requirements
<p>1) Does the plan provide a fully accessible EV Charging Station per Division 2 of Chapter 11B (Not considering the Path of Travel requirements of Section 11B-202.4)</p>	<input type="checkbox"/> Y	<input type="checkbox"/> N	Required
<p>B. Does the plan provide details for all paths of travel under Section 11B-202.4 without exception?</p>	<input type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/> N/A
<p>C. Per CBC Section 11B-202.4, Exception 10, first paragraph, if the facility where the new EV Charger will be installed <u>is primarily a vehicle fueling, recharging, parking or storage facility</u>, then the installation of the EV charging system shall meet Section 11B-202.4 to the maximum extent feasible without exceeding 20 percent of the cost of the work directly associated with the installation of the EV charging station. Does this portion of the exception apply to the project and does the plan reflect the limited path of travel work needed to satisfy the 20% cost level associated with the Exception?</p>	<input type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/> N/A
<p>D. Per CBC Section 11B-202.4, Exception 10, second paragraph, when the facility where the new EV Charger will be installed <u>is NOT primarily a vehicle fueling, recharging, parking or storage facility</u>, then the installation of the EV charging system shall not be required to meet CBC Section 11B-202.4. Does this portion of the exception apply to this project?</p>	<input type="checkbox"/> Y	<input type="checkbox"/> N	<input type="checkbox"/> N/A