



Eligibility Checklist for Expedited Electric Vehicle Charging Station Multi-Unit Dwelling 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	<input type="checkbox"/>
Level 2 - 3.3 kilowatt (kW) (low)	208/240 VAC at 20 or 30 Amps	<input type="checkbox"/>
Level 2 – 6.6kW (medium)	208/240 VAC at 40 Amps	<input type="checkbox"/>
Level 2 – 9.6kW (high)	208/240 VAC at 50 Amps	<input type="checkbox"/>
Level 2 – 19.2kW (highest)	208/240 VAC at 100 Amps	<input type="checkbox"/>
Other (provide detail): _____	Provide rating: _____	<input type="checkbox"/>

PERMIT APPLICATION

A. Is the application complete with the following information?: Project address, parcel #, builder/owner name, contractor name, valid contractor's 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

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
1) Showing location, size, and use of all structures?	<input type="checkbox"/> Y	<input type="checkbox"/> N	Required
2) Showing location of electrical panel to charging system?	<input type="checkbox"/> Y	<input type="checkbox"/> N	Required
3) Showing type of charging system and mounting?	<input type="checkbox"/> Y	<input type="checkbox"/> N	Required

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COMPLIANCE WITH CALIFORNIA ELECTRICAL CODE

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 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