

City of San Juan Capistrano

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NON-RESIDENTIAL Eligibility Checklist for Expedited EVCS

*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.*

Type of Charging Station(s) Proposed	Power Levels (proposed circuit rating)		Check one
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

	Yes	No
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"/>	<input type="checkbox"/>
B. Does the application include EVCS manufacturer’s specs and installation guidelines?	<input type="checkbox"/>	<input type="checkbox"/>

ELECTRIC LOAD CALCULATION WORKSHEET

	Yes	No
A. Is an electrical load calculation worksheet included? (CEC 220)	<input type="checkbox"/>	<input type="checkbox"/>
B. Based on the load calculation worksheet, is a new electrical service panel upgrade required?	<input type="checkbox"/>	<input type="checkbox"/>
1) If yes, do plans include the electrical service panel upgrade?	<input type="checkbox"/>	<input type="checkbox"/>
C. Is the charging circuit appropriately sized for a continuous load? (125%)	<input type="checkbox"/>	<input type="checkbox"/>
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"/>	<input type="checkbox"/>

SITE PLAN & SINGLE LINE DRAWING

	Yes	No
A. Is a site plan and electrical plan with a single-line diagram included with the permit application?	<input type="checkbox"/>	<input type="checkbox"/>
1) If mechanical ventilation requirements are triggered for indoor venting requirements (CEC 625.15 (C)), is a mechanical plan included with the permit application?	<input type="checkbox"/>	<input type="checkbox"/>
B. Is the site plan fully dimensioned and drawn to scale?	<input type="checkbox"/>	<input type="checkbox"/>
1) Showing location, size, and use of all structures	<input type="checkbox"/>	<input type="checkbox"/>
2) Showing location of electrical panel to charging system	<input type="checkbox"/>	<input type="checkbox"/>
3) Showing type of charging system and mounting	<input type="checkbox"/>	<input type="checkbox"/>

COMPLIANCE WITH 2019 CALIFORNIA ELECTRICAL CODE (TITLE 24, PART 3)

	Yes	No
A. Does the plan include EVCS manufacturer's specs and installation guidelines?	<input type="checkbox"/>	<input type="checkbox"/>
B. Does the electrical plan identify the amperage and location of existing electrical service panel?	<input type="checkbox"/>	<input type="checkbox"/>
1) If yes, does the existing panel schedule show room for additional breakers?	<input type="checkbox"/>	<input type="checkbox"/>
C. Is the charging unit rated more than 60 amps or more than 150V to ground?	<input type="checkbox"/>	<input type="checkbox"/>
1) If yes, are disconnecting means provided in a readily accessible location in line of site and within 50’ of EVCS? (CEC 625.43)	<input type="checkbox"/>	<input type="checkbox"/>

D. Does the charging equipment have a Nationally Recognized Testing Laboratory (NRTL) approved listing mark? (UL 2202/UL 2200)		
E. If trenching is required, is the trenching detail called out?		
1) Is the trenching in compliance with electrical feeder requirements from structure to structure? (CEC 225)		
2) Is the trenching in compliance of minimum cover requirements for wiring methods or circuits? (18" for direct burial per CEC 300)		

COMPLIANCE WITH 2019 MANDATORY CALIFORNIA GREEN BUILDING STANDARDS CODE (CGBSC)

Yes No

	Yes	No
A. Do the plans comply with the 2019 Non-Residential Mandatory Measures for CGBSC 5.106.5.3, New Construction (EV Readiness)?		
1) Do plans demonstrate conformance with CGBSC Table 5.106.5.3.3 for the minimum required number of charging spaces?		
2) Do the construction plans comply with the design requirements for CGBSC 5.106.5.3.1 Single charging spaces or CGBSC 5.106.5.3.2 for multiple charging spaces?		
B. Do the plans comply with the 2019 California Building Code, Chapter 11B for accessibility requirements?		
1) Do the plans identify the correct number and type of accessible EVCS stalls required in accordance with Table 11B-228.3.2.1?		
2) Do the plans detail compliance with the accessible EVCS features require by 11B-812 and Figure 11B-812.9?		
C. Are plans stamped and signed by a California Licensed Electrical Engineer or a C-10 electrical contractor?		