



EXPEDITED PERMITTING PROCESS FOR ELECTRIC VEHICLE CHARGING STATIONS

Residential and Non-Residential

BUILDING DIVISION

Purpose:

This document provides all of the needed links to forms and checklists necessary to utilize the City of Madera's Expedited Permitting Process for Electric Vehicle Charging Stations (EVCS). This process provides an expedited and streamlined permitting process for qualifying EVCS systems. Once all of the documentation is correctly and fully completed and submitted, a permit will be processed and approved for issuance in a timely manner.

Instructions:

Step 1 Review and complete the Checklists below to ensure all the required documentation is provided.

Step 2 Fully complete and sign a [Building Permit Application](#) form.

Step 3 Complete and sign the [Authorized Agent of the Property Owner](#) form (as applicable if Owner is not the Applicant).

Step 4 Provide an [Operational Statement](#) with the following information:

- Project Address and APN
- Project Description (scope of work)
- Number of parking spaces proposed to be removed (if any)
- Landscaping/Trees proposed to be removed (if any)

Step 5 Provide Plans and other Supplementary Information. If the plans are not legible, or do not contain the necessary information listed below, your application will be deemed incomplete and cancelled. Electrical plans shall be completed, stamped and signed by a California Licensed Electrical Engineer or a C-10 Electrical Contractor.

Step 6 Submit all of the required documentation (Step 1 through Step 5) to City of Madera.

Step 7 The applicable plan check fee must be paid at time of application. All other applicable fees will be assessed when the plan review is complete and must be paid prior to permit issuance.

Step 8 City of Madera will notify you when the documents have been reviewed and approved and the permit is ready to be issued.

Minimum Submittal Requirement Guidelines for Permitting of Electric Vehicle Charging Stations (EVCS)

These instructions are provided to guide applicants through a streamlined permitting process for Electric Vehicle Charging Stations (EVCS).

Approval Requirements

- a) The Building Department will conduct the plan review and inspection for EVCS installations.
- b) Planning Department plan review approval is not required for EVCS installations unless the Building Official determines that the proposed EVCS will have a specific, adverse impact upon the public health or safety. See the “**Standards for Non-Residential Charging Stations**” section for when a Site Plan Review will be needed.
- c) Fire Department plan review and inspection approval is not required for EVCS installations unless the system includes a stationary storage battery system as defined in the CA Fire Code.

Submittal Information

- a) All forms and checklists described herein are available on the Building Division’s webpage located on our City website.
- b) A [Building Permit Application](#) (available on our web site) is required for all EVCS installations.
- c) One copy of this checklist must be completed and submitted to the Building Division along with the Building Permit application, Plans and other Supplementary Information. Please provide an explanation for any checklist item not completed or met.
- d) Submit an electronic set of plans via email. **ALL** plans, permit application and supplementary documents must be uploaded in PDF format.

Plan submittals, shall include, but not be limited to:

- 1) A Title Page
- 2) A Site Plan drawn to scale. Minimum scale of 1” = 30’ **[Not required for Level One or Level Two EVCS equipment installed within an existing one- or two-family residential structure (i.e. garage or carport)]**.
- 3) An Electrical Floor Plan **[Not required for exterior EVCS equipment installations]**.
- 4) A Single-Line Electrical Diagram **[Not required for Level 1 charging station installations]**.
- 5) EVCS Manufacturer Installation Details and Specifications.
- 6) Electrical Service Load Calculations.

General Requirements for EVCS to be Shown and Noted on Plans

Use the following checklist items for preparation and submittal of your plans. The level of detail and the specific plan requirements will depend upon the extent, nature and complexity of the work to be done. All applicable checklist items must be noted or specified on the plans. Indicate the plan sheet number where the applicable requirement is shown or specified.

The type of EVCS must be clearly shown and Noted on Plans. If the plans are not legible, or do not contain the necessary information listed below, your application will be deemed incomplete and cancelled.

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

Checklist

Please complete the following information related to permitting and installation of Electric Vehicle Service Equipment (EVSE) as a supplement to the EVCS permit application. This checklist contains the technical aspects of EVSE installations and is intended to help expedite permitting and use for electric vehicle charging.

Upon this checklist being deemed complete, a permit shall be issued to the applicant. However, if it is determined that the installation might have a specific adverse impact on public health or safety, additional verification will be required before a permit can be issued.

This **Checklist** substantially follows the “*Plug-In Electric Vehicle Infrastructure Permitting Checklist*” contained in the *Governor’s Office of Planning and Research “Zero Emission Vehicles in California: Community Readiness Guidebook”* and is purposed to augment the guidebook’s checklist.

Job Address:	Permit No.:
<input type="checkbox"/> Single-Family <input type="checkbox"/> Multi-Family (Apartment) <input type="checkbox"/> Multi-Family (Condominium) <input type="checkbox"/> Commercial (Single Business) <input type="checkbox"/> Commercial (Multi-Businesses) <input type="checkbox"/> Mixed-Use	
Location and Number of EVSE to be Installed:	
<input type="checkbox"/> Garage ____ <input type="checkbox"/> Parking Level(s) ____ <input type="checkbox"/> Parking Lot ____	
Description of Work	

Applicant Name:	
Applicant Phone:	Applicant email:
Contractor Name:	License Number & Type:
Contractor Phone:	Contractor email:
Property Owner Name:	
Owner Phone:	Owner email:

EVSE Charging Level: Level 1 (120V) Level 2 (240V) Level 3 (480V)

Maximum Rating (Nameplate) of EV Service Equipment = _____ kW

Voltage EVSE = _____ V

Manufacturer of EVSE: _____

Mounting of EVSE: Wall Mount Pole Pedestal Mount Other _____

System Voltage:

120/240V, 1 ϕ , 3W 120/208V, 3 ϕ , 4W 120/240V, 3 ϕ , 4W

277/480V, 3 ϕ , 4W Other _____

Rating of Existing Main Electrical Service Equipment = _____ Amperes

Rating of Panel Supplying EVSE (if not directly from Main Service) = _____ Amps

Rating of Circuit for EVSE: _____ Amps / _____ Poles

AIC Rating of EVSE Circuit Breaker (if not Single Family, 400A) = _____ A.I.C.

(or verify with Inspector in field)

Specify Either Connected, Calculated or Documented Demand Load of Existing Panel:

• Connected Load of Existing Panel Supplying EVSE = _____ Amps

• Calculated Load of Existing Panel Supplying EVSE = _____ Amps

• Demand Load of Existing Panel or Service Supplying EVSE = _____ Amps

(Provide Demand Load Reading from Electric Utility)

Total Load (Existing plus EVSE Load) = _____ Amps

For Single Family Dwellings, if Existing Load is not known by any of the above methods, then the Calculated Load may be estimated using the "Single-Family Residential Permitting Application Example" in the Governor's Office of Planning and Research "Zero Emission Vehicles in California: Community Readiness Guidebook" at <https://www.opr.ca.gov>

EVSE Rating _____ Amps x 1.25 = _____ Amps = Minimum Ampacity of EVSE
 Conductor = # _____ AWG

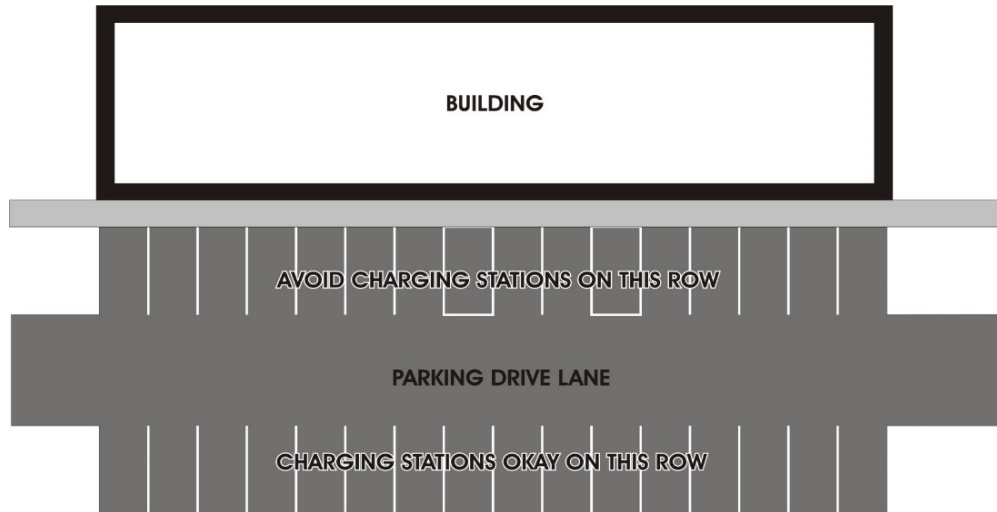
For Single-Family: Size of Existing Service Conductors = # _____ AWG or kcmil
 - or - : Size of Existing Feeder Conductor
 Supplying EVSE Panel = # _____ AWG or kcmil
(or Verify with Inspector in field)

A **site plan** is required showing the location(s) of all parking space(s) and the equipment for the Electric Vehicle Charging Station. Show the location of the electric run, and provide manufacturer sheets on all equipment to be used. Electrical plans are also required that detail the installation.

Standards for Non-Residential Charging Stations

Charging stations shall not require a site plan review approval provided the following standards are met:

- Charging Stations shall be located only on property previously approved through a site plan review for the initial development. Charging stations shall not be permitted on vacant land.
- Charging stations should be placed within existing parking stalls and shall not be placed in areas that impede required drive lanes, fire lanes, loading zones, and/or pedestrian paths of travel.
- Charging stations shall not be placed in the parking area directly in front of storefronts (see illustration).



- All utilities shall be placed underground.
 - **Protected** trees and trees required as part of the site plan review for the development shall not be removed to accommodate the vehicle charging station(s). Unless, otherwise authorized by the Planning Division.
- Signage for the charging stations shall be limited to the labels and materials on the equipment. Freestanding signs are not permitted.

Any proposed deviations to the previous standards shall require a site plan review.

I hereby acknowledge that the information presented is a true and correct representation of existing conditions at the job site and that any causes for concern as to life-safety verifications may require further substantiation of information.

Signature of Permit Applicant: _____ Date: _____

Submittal Requirements Checklist for EVCS

PERMIT APPLICATION REQUIREMENTS	
Yes <input type="checkbox"/> No <input type="checkbox"/>	<p>1. The permit application is complete with the following information:</p> <ul style="list-style-type: none"> • Project address and parcel number, • Owner name, address and phone number. • Contractor name, address and phone number and contractor's license number; and • Other information requested on the permit application form?
Yes <input type="checkbox"/> No <input type="checkbox"/>	2. An electrical load calculation is included with the permit application? (CEC ¹ 220)
Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	<p>3. Based on the required load calculation², is an electrical service panel upgrade required?</p> <p>If yes, do plans show and specify the electrical service panel upgrade?</p>
Yes <input type="checkbox"/> No <input type="checkbox"/>	4. The EVCS branch circuit conductor is appropriately sized for a continuous load of 125% of the EVCS equipment plus any other non-continuous loads per CEC 210.19?

¹ CEC means the 2025 California Electrical Code

² Load Calculation: The size of the existing service MUST be equal to or larger than the minimum required size of main service breaker as determined by the load calculations required by CEC article 220. If the existing service panel is smaller than the minimum required size of existing electrical services, then a new upgraded electrical service panel must be installed in order to handle the added electrical load from the proposed EVCS.

PLANS	GENERAL
Yes <input type="checkbox"/> No <input type="checkbox"/>	<p>5. The drawings [electronic (pdf) plans] are:</p> <ul style="list-style-type: none"> • drawn to scale? • Formatted for a paper size not less than 17" wide by 11" high (36" x 24" preferred)? • oriented in landscape orientation? • Is the text on the plans not less than 9 point Arial font size or equal?
Yes <input type="checkbox"/> No <input type="checkbox"/>	<p>6. The plans include a Title Page with property information including, but not limited to:</p> <ul style="list-style-type: none"> • address of property; • name, address, phone number of the property owner; • name, address, phone number and contractor license number of the person responsible for the EVCS system design; • codes applicable to the project; occupancy and use of the facilities; and • narrative description and scope of the proposed work
Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> ³	<p>7. Is a Site Plan, <u>drawn to scale</u>, included with the permit application and includes the following information? [Not required for level One or Level Two EVCS equipment installed within an existing one- or two-family residential structure (i.e. garage or carport)]:</p> <ul style="list-style-type: none"> • Minimum scale of 1" = 30' • Vicinity Map with a North Arrow, Project Address and APN. Outline the entire parcel with an area clearly indicating the scope of work. Property lines, easements, streets, lot dimensions, the distance from property lines to structures and the proposed EVCS equipment; • Dimensioned parking improvements, driveways, etc.; • EVCS equipment, main electric service panel, disconnects and overcurrent protection locations; • Underground conduit locations and routing; • Location of additional meter, if applicable; • All site related accessibility requirements prescribed by CA Building Code (CBC) Sections 11B-228 and 11B-812 are shown and fully specified. Fully dimension the parking stalls and show the EVCS equipment is not in the 9 ft. X 18 ft. stall. [Applicable only to commercial facilities, public and common use areas, public accommodations and public housing as defined in the CA Building Code.] • Detailed and specific site of all related proposed work. [See additional requirements below.] • Add the following notes: <ul style="list-style-type: none"> 1- Any survey monuments within the area of construction shall be preserved or reset by a person licensed to practice land surveying in the state of California 2- Repair all damaged and/or off-grade concrete street improvements as determined by the City Engineer prior to occupancy 3- Two working days before commencing excavation operations within the street right-of-way and/or utility easements, all existing underground facilities shall have been located by Underground Services Alert (USA). Call USA North 811 or 1-800-227-2600 before you dig.

³ N/A means Not Applicable to this project.

Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	8. An Electrical Floor Plan is included with the permit application and includes the following information? [Not required for exterior installations.] <ul style="list-style-type: none"> • Plan view of the location of the proposed EVCS equipment including the use of the space or area where the EVCS will be installed. Include and <u>Elevation</u> showing the height of all stations, transformers, etc. • All applicable electrical plan related requirements of CEC Article 625 are shown or specified on the plans; » All electrical plan related accessibility requirements prescribed by CA Building Code (CBC) Sections 11B-228 and 11B-812 are shown and fully specified. [Applicable only to commercial facilities, public and common use areas, public accommodations and public housing as defined in the CA Building Code.] • Detailed and specific plans of all related proposed work. [See additional requirements below.]
Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	9. A Single-Line Electrical Diagram is included with the permit application and includes the following information? [Not required for Level 1 charging station installations.] <ul style="list-style-type: none"> • List and label all EVCS supply equipment; • Conductor and conduit size, type and location; • Size of the over current device (circuit breaker) supplying the EVCS; • The size and location of the main electric panel, distribution panels (sub panels), overcurrent protection, disconnects, additional meters, and EVCS equipment; • The type (level), voltage and ampacity for each charging station; • All equipment labeling requirements per CEC 625.
Yes <input type="checkbox"/> No <input type="checkbox"/>	10. EVCS Manufacturer Installation Details and Specifications are included with the permit application?
Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	11. Electrical Service Load Calculations are provided for sizing of the electrical service panel pursuant to CA Electrical Code (CEC) Article 220? [NOTE: Make sure to include 125% of the EV charging station load in the calculation.]
Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	12. If the EVCS equipment is listed for charging electric vehicles that require ventilation for indoor charging, is a Mechanical Plan showing and specifying all of the ventilation requirements prescribed by CEC 625.52 included with the permit application?
Yes <input type="checkbox"/> No <input type="checkbox"/>	13. The project site is located outside of a 100 year flood hazard zone? [NOTE: If the charging equipment is located within a 100 year flood hazard zone, the EVCS equipment shall be elevated above the base flood elevation. The base flood elevation must be determined and an elevation certificate submitted by a registered land surveyor. (City of Madera Municipal Code)]
PLANS	2025 CALIFORNIA ELECTRICAL CODE - MINIMUM PLAN REQUIREMENTS
Yes <input type="checkbox"/> No <input type="checkbox"/> Sheet# _____	14. The plans indicate that the installation shall meet all requirements of the 2025 California Electrical Code - Article 625 for Electric Vehicle Charging Systems.
Yes <input type="checkbox"/> No <input type="checkbox"/> Sheet# _____	15. The plans identify the amperage and location of the existing (or new) electrical service panel and the service panel is sized in accordance with the electrical service load calculations? (CEC 220)
Yes <input type="checkbox"/> No <input type="checkbox"/> Sheet# _____	16. The plans indicate the size of the service entrance conductors?
Yes <input type="checkbox"/> No <input type="checkbox"/> Sheet# _____	17. The plans indicate that the charging equipment shall have a Nationally Recognized Testing Laboratory (NRTL) approved listing mark? (UL 2202/UL 2200)

Yes <input type="checkbox"/> No <input type="checkbox"/> Sheet# _____	18. The single-line electrical diagram shows and specifies the required overcurrent protection for the proposed EVCS?
Yes <input type="checkbox"/> No <input type="checkbox"/> Sheet# _____	19. Conduit and conductor size and type are specified and the routes and requirements for their installation (i.e. within framing, mounted to structures, underground, etc.) are shown?
Yes <input type="checkbox"/> No <input type="checkbox"/> Sheet# _____	20. The plans specify that the electric vehicle charging system shall be installed in accordance with manufacturer's installation instructions and shall be suitable for the environment (indoor/outdoor) in which they will be installed?
Yes <input type="checkbox"/> No <input type="checkbox"/> Sheet# _____	21. The plans specify where the labeling of the EVCS equipment (i.e. "FOR USE WITH ELECTRIC VEHICLES", "VENTILATION NOT REQUIRED", "VENTILATION REQUIRED", etc.) is required? (CEC 625)
Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	22. An approval letter from PG&E is provided to the Building Division <u>if a dedicated electrical meter is to be installed for the electric vehicle charging system?</u> [NOTE: If a single mast will continue to be used to serve two meters, ensure that the service entrance conductors are sized for the sum of the two meters, in accordance with CEC Article 310.]
Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Sheet# _____	23. If the EV charging equipment is rated more than 60 amps or more than 150V to ground, the plans specify that the disconnecting means shall be lockable open and shall be provided in a readily accessible location? (CEC 625.42)
Yes <input type="checkbox"/> No <input type="checkbox"/> Sheet# _____	24. The plans specify that the EVCS equipment disconnecting means shall be identified with a durable label stating "Emergency Power Off— Electric Vehicle Charging Station"? (CEC 110.21)
Yes <input type="checkbox"/> No <input type="checkbox"/> Sheet# _____	25. The plans specify that the main service conductors and the equipment for the protection of electrical service (i.e. disconnecting means, overcurrent protection, etc.) will be installed in accordance with CEC Article 230?
Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Sheet# _____	26. If trenching is required, a trenching detail is provided on the plans showing compliance with the minimum cover requirements pursuant to CEC 300.5? [NOTE: trenching for electrical feeders from structure to structure must comply with CEC 225.]
Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Sheet# _____	27. Physical protection such as a bollard is shown and detailed on the plans when vehicle impact protection for EVCS equipment is required? (CEC 110.27 (B)) [NOTE: Typically, not required for Level 1 EVCS. Physical protection from damage is often a 4" diameter steel pipe filled with concrete, a minimum of 40" above the finished floor/grade, installed in a footing measuring 12" in diameter and 3' deep].
Yes <input type="checkbox"/> No <input type="checkbox"/> Sheet# _____	28. The plans show and specify the mounting height for the charging coupling (the connector nozzle) and the operable controls? [NOTE: If installed indoors, the electric vehicle charging coupling shall be located between 18" and 48" above the finished floor. If installed outdoors, the electric vehicle charging coupling shall be located between 24" and 48" above the finished grade. (CEC 625.50 and CBC 11B-309)
Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Sheet# _____	29. If the EVCS is installed within a building containing an R (residential) occupancy, the plans show and specify the location for all required smoke and carbon monoxide alarms Within the dwelling(s)? (CBC 907.2.11, CBC 915, CRC R314 and CRC R315)
PLANS	2025 CALGREEN REQUIREMENTS
Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	30. Does the number of proposed electric vehicle charging spaces conform to the Tier 1 requirements of California Green Building Code (CGBC)? (CGBC A4.106.8.2 and A5.106.5.3) [Only applies to newly constructed multi-family residential and newly constructed non-residential projects.]

PLANS	2025 CALIFORNIA BUILDING CODE ACCESSIBILITY REQUIREMENTS
Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	<p>[NOTE: Accessibility requirements are required for public and common use areas, public accommodations, commercial facilities and public housing as defined in the CA Building Code.]</p> <p>The plans show and specify all of the applicable accessibility requirements prescribed in CBC Chapter 11B, including but not limited to the requirements of the following sections:</p>
Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Sheet# _____	<ul style="list-style-type: none"> • 11B-202.4 (Path of Travel Requirements in Alterations, Additions and Structural Repairs) [See 11B-202.4 Exception 10 for Path of Travel Requirement Exceptions]
Sheet# _____ Sheet# _____ Sheet# _____ Sheet# _____ Sheet# _____ Sheet# _____ Sheet# _____ Sheet# _____ Sheet# _____ Sheet# _____ Sheet# _____ Sheet# _____ Sheet# _____ Sheet# _____ Sheet# _____	<ul style="list-style-type: none"> • 11B-228.3 (Electric Vehicle Charging Stations); • 11B-302 (Floor or Ground Surfaces); • 11B-303 (Changes in Level); • 11B-305 (Clear Floor or Ground Space); • 11B-308 (Reach Ranges); • 11B-309 (Operable Parts); • 11B-402 (Accessible Route); • 11B-703.3 (Braille); • 11B-703.7 (Symbols of Accessibility); • 11B-703.7.2.1 (International Symbol of Accessibility); • 11B-707.2 (Clear Floor or Ground Space); • 11B-707.3 (Operable Parts); • 11B-707.7.2 (Characters); • 11B-707.9 (Point-of-Sale Devices); • 11B-812 (Electric Vehicle Charging Stations)?

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

Plan Review

Permit applications must be submitted, along with the completed Checklist, required plans and any other supplementary documentation, to the City of Madera electronically via email. Visit the Building Division webpage at <https://www.madera.gov/home/departments/building> for submittal guidelines and more information. Permit applications eligible for the expedited permitting process will receive a high priority and be reviewed as early as practical and in a timely manner.

CHECKLIST AUTHOR'S DECLARATION STATEMENT

I certify that the information provided on this Checklist is accurate and complete.

Documentation Author Name:	Documentation Author Signature:
Company:	Signature Date:
Address:	CA Licensed Electrical Engineer or CA C-10 Licensed Contractor?:
City/State/Zip:	Phone:
Cell:	Email:

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. I am licensed as required by the Business and Professions Code to accept responsibility for the EVCS design identified on this Checklist.
2. I certify that the features and specifications identified on this Checklist and the submitted plans conform to the requirements of *"Plug-In Electric Vehicle Infrastructure Permitting Checklist"* contained in the *Governor's Office of Planning and Research "Zero Emission Vehicles in California: Community Readiness Guidebook"*.
3. I certify that the EVCS design identified on this Checklist is consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.

Responsible Designer Name:	Responsible Designer Signature:
Company:	Date Signed:
Address:	CA Electrical Engineer or C-10 Contractor License#:
City/State/Zip:	Phone:
Cell:	Email:

4. Inspections

Once all permits to construct the EVCS have been issued and the system has been installed, it must be inspected before final approval is granted for the EVCS system.

Inspections can be scheduled:

by contacting the City of Madera's automated scheduling system at (559) 661-5445.

Inspection requests received before 4:00 pm can usually be scheduled for the following business day.

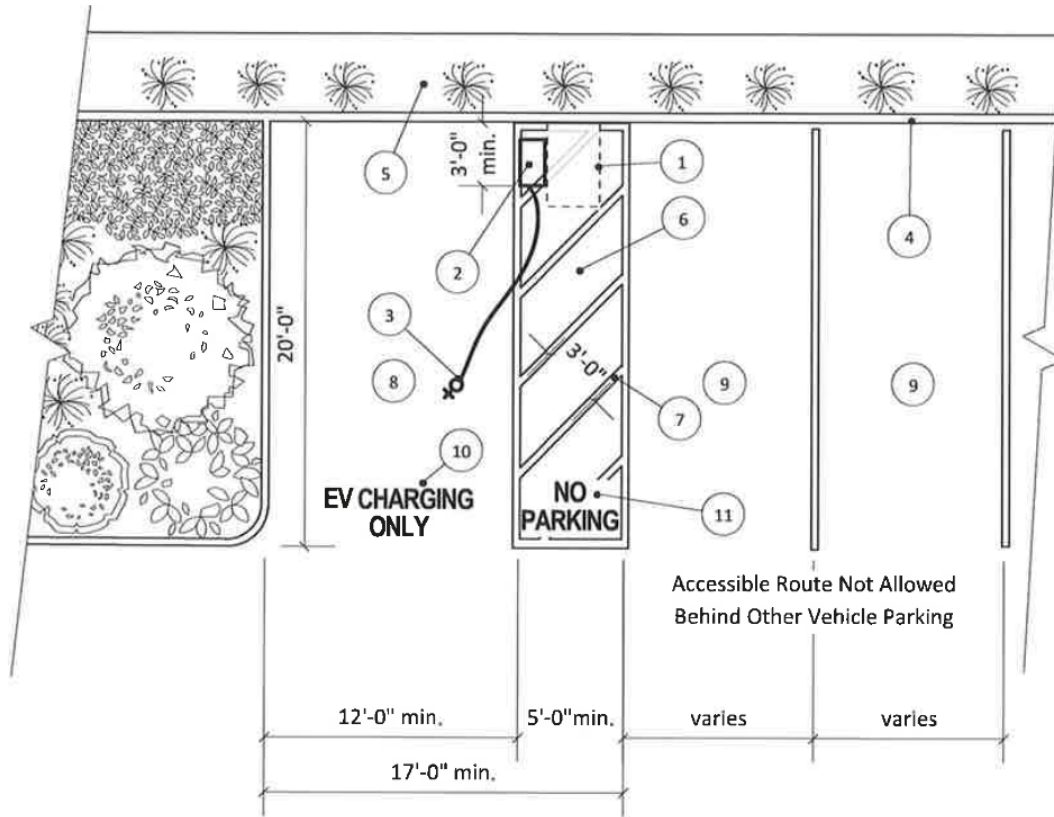
Permit holders must provide the inspector with the Building Division Approved Job Plans, the Building Permit Inspection Record Card and access to the location of the work. The permittee must be prepared to show conformance with all technical requirements in the field at the time of inspection. The inspector will verify that the installation is in conformance with applicable code requirements and the approved plans.

5. Building Division Contact Information

For additional information regarding this permit process, please consult our Building Division webpage at <https://www.madera.gov/home/departments/building> or contact our Front Counter at (559) 661-5441.

Typical Single Electric Vehicle Charging Station Configuration for an Existing Commercial Facility or Public Accommodation

See 2025 CA Building Code Sections 118-202.4, 11B-812 and 11B-228.3 for additional requirements

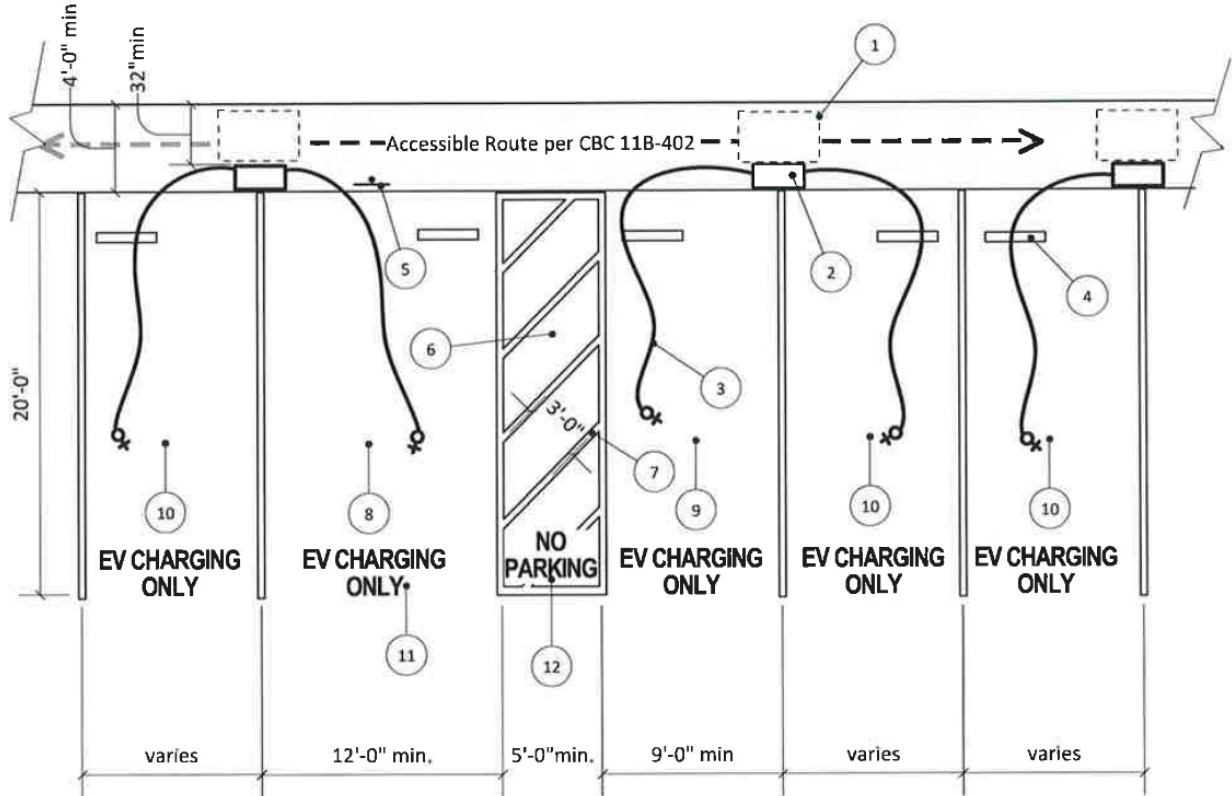


KEY LEGEND

1. 30" x 48" clear space for parallel approach (CBC 11B—302).
2. Electric Vehicle Charging Station (EVCS)(see CBC 11B-228.3 & 11B-812 for requirements). Electric Vehicle Charging
3. Station coupling (nozzle) and conductor.
4. Curb
5. No International Symbol of Accessibility (ISA) sign or "Van Accessible" sign is required (see CBC 11B-812.8)
6. 60" minimum width access aisle located on the passenger side of a van accessible space and at the same level as the adjacent vehicle space. (CBC 11B-812.7)
7. Contrasting border and 36" maximum on center diagonal hatched lines designating the access aisle. Access aisles borderlines and hatched lines for EVCS spaces shall not be blue. (CBC 118-812.7.2)
8. Minimum 144" wide by 216" long van accessible lined EVCS space (ISA sign and "Van Accessible" sign NOT required) (CBC 118-812.6.1 and 11B-812.8)
9. Parking space not regulated by CBC 118-812.
10. 12" high "EV CHARGING ONLY" surface marking at the end of each EVCS space. (CBC 11B-812.9)
11. 12" high "NO PARKING" surface marking within the access aisle. (CBC 11B-812.7.3)

Typical Electric Vehicle Charging Station Configuration for Public Use

See 2025 CA Building Code Sections 11B-812 and 11B-228.3 for additional requirements



○ KEY LEGEND

1. 30" x 48" clear space for parallel approach (CBC 11B-302).
2. Electric Vehicle Charging Station (EVCS)(see CBC 11B-228.3 & 11B-812 for requirements).
3. Electric Vehicle Charging Station coupling (nozzle) and conductor.
4. Wheel stop.
5. 70sq. in reflectorized International Symbol of Accessibility (ISA) sign required at van accessible charging station when 5 or more EVCS spaces are provided. "Van Accessible" sign shall also be provided. (see CBC 11B-812.8 for additional requirements)
6. 60" minimum width access aisle located on the passenger side of a van accessible space and at the same level as the adjacent vehicle space. (CBC 11B-812.7)
7. Contrasting border and 36" maximum on center diagonal hatched lines designating the access aisle. Access aisles borderlines and hatched lines for EVCS spaces **shall not be blue**. (CBC 11B-812.7.2)
8. Minimum 144" wide by 216" long van accessible lined EVCS space (ISA sign and "Van Accessible" sign required). (CBC 11B-812.6.1 and 11B-812.8)
9. Minimum 108" wide by 216" standard accessible lined EVCS space (ISA sign not required unless 26 or more EVCS are provided). (CBC 11B-812.6.2)
10. EVCS *space* not regulated by CBC 11B-812.
11. 12" high "EV CHARGING ONLY" surface marking at the end of each EVCS space. (CBC 11B-812.9)
12. 12" high "NO PARKING" surface marking within the access aisle. (CBC 11B-812.7.3)