## Inspection Correction Sheet for

## Residential Electric Vehicle Charging Station

**Instructions:** This Correction Sheet shall be used during a final residential Electric Vehicle Charging Station (EVCS) building inspection. If any discrepancies are found on site or if anything differs from the application and supplemental documentation, record the details of needed corrections on this Correction Sheet and provide to the applicant at the end of the inspection. Highlight or cite Correction Sheet section and item number in correction summary.

|  |  |  |
| --- | --- | --- |
| Check One | Type of Charging Station(s) Installed | Power Levels(installed circuit rating) |
|  | Level 1 | 110/120 volt alternating current (VAC) at 15 or 20 Amps |
|  | Level 2 - 3.3 kilowatt (kW) (low) | 208/240 VAC at 20 or 30 Amps |
|  | Level 2 - 6.6kW (medium) | 208/240 VAC at 40 Amps |
|  | Level 2 - 9.6kW (high) | 208/240 VAC at 50 Amps |
|  | Level 2 - 19.2kW (highest) | 208/240 VAC at 100 Amps |
|  | Other (provide detail) |  |

**Section 1: ROUGH ELECTRICAL INSPECTION (if applicable)/ GENERAL INSPECTION ITEMS**

1. Has the appropriate permit been obtained for this project? Yes [ ]  No [ ]
2. Has an electrical inspection of underground conduits and cables been completed? Yes [ ]  No [ ]  Not Applicable [ ]
3. Have all conduit, cables, and junction boxes in walls or ceilings to-be-covered been inspected?

Yes [ ]  No [ ]  Not Applicable [ ]

**Section 2: FINAL MECHANICAL INSPECTION (if applicable)**

1. Is indoor mechanical ventilation required? (See CEC[[1]](#footnote-1) 625.29 (D) for indoor venting requirements)? Yes [ ]  No [ ]
	1. If yes, is mechanical ventilation installed per Title 24, Part 6[[2]](#footnote-2) and ASHRAE 62.2 requirements? Yes [ ]  No [ ]

**Section 3: FINAL ELECTRICAL INSPECTION**

1. Does the EVCS installation match the approved set of plans and all supplemental permitting documents? Yes [ ]  No [ ]
	1. If yes, does the location of EVCS match the site plan? Yes [ ]  No [ ]
	2. If yes, does the charging unit installed match the manufacturer’s specifications?

Yes [ ]  No [ ]

1. Are proper electrical equipment clearances (36” deep x 30” wide x 6’6” high) provided? (CEC 110.26) Yes [ ]  No [ ]
2. Are San Diego Gas & Electric gas meter clearances adhered to? (18” for direct burial per CEC 300) Yes [ ]  No [ ]
3. Has physical protection or bollards been installed to prevent vehicle impact to equipment?

Yes [ ]  No [ ]  Not Applicable [ ]

* 1. Has the equipment been mounted with the appropriate vertical clearance at a height of 18-48 inches above the finished floor? (CEC 625.29(B)) Yes [ ]  No [ ]
1. Do the proposed load calculations (per CEC Art. 220) for electrical service match the existing loads at the project site[[3]](#footnote-3)? Yes [ ]  No [ ]
2. Are EVCS markings visible and compliant per CEC 625.15 and 625.29? Yes [ ]  No [ ]
3. Has an individual branch circuit for the EVCS and branch circuit wiring been installed[[4]](#footnote-4)?

Yes [ ]  No [ ]

1. Are all listed wiring and fittings securely fastened to the structure? (CEC 300.11) Yes [ ]  No [ ]
2. Are all branch circuit conductors appropriately sized to comply with rating of the overcurrent protection? (CEC 210.19, CEC 215.2(A), CEC 110.3(B); CEC 310.15(B)). Yes [ ]  No [ ]
3. Has overcurrent protection for any newly installed service equipment and conductors been installed? (CEC 230.90, 91). Yes [ ]  No [ ]
4. If charging unit features adjustable operating current, does the current matches the installed wiring and overcurrent protection device? Yes [ ]  No [ ]  Not Applicable [ ]
	1. Has a properly sized equipment grounding conductor (per CEC table 250.122) with the branch circuit been installed and identified? Yes [ ]  No [ ]
	2. If so, is there a connection at the EVCS and panelboard or service? (CEC 300.3(B))
5. Has a disconnect been installed in a readily accessible location for EVCS system that is rated more than 60 amps or more than 150 Volts to ground? (CEC 625.23) Yes [ ]  No [ ]
	1. Is the location of the disconnect in a readily accessible location in line of site and within 50’of the EVCS? Yes [ ]  No [ ]
	2. Are main service disconnects installed per CEC 230.71, 72? Yes [ ]  No [ ]
		1. Are they grouped? Yes [ ]  No [ ]
		2. Are there more than 6 disconnect sets in any group? Yes [ ]  No [ ]
6. Have all new and existing branch circuit overcurrent protection devices and disconnects been identified and labeled in the electrical panel? (CEC 408.4 (A); CEC 110.22(A))

Yes [ ]  No [ ]

1. Are all EMT, IMC, and RMC securely fastened in place at least every 10’ and within 3’ of each outlet box, junction box, device box, cabinet, conduit body or other termination? (CEC 342.30 (A), 344.30 (A), 358.30 (A)) Yes [ ]  No [ ]
2. If trench work is required, is a trenching detail called out on the electrical plan and the scope of work (per CEC 225)? Yes [ ]  No [ ] Not Applicable [ ]
	1. If yes to Q14, is the trenching in compliance with electrical feeder requirements from structure to structure? (CEC 225) Yes [ ]  No [ ]
	2. If yes to Q14, is the trenching in compliance of minimum cover requirements for wiring methods or circuits? (18” for direct burial per CEC 300) Yes ☐ No ☐

**Section 4: COMPLIANCE WITH 2013 MANDATORY CALGREEN CODE REQUIREMENTS FOR NEW CONSTRUCTION**

2013 CALGreen Mandatory EVCS Requirements for New Construction[[5]](#footnote-5)

1. Do CALGreen EV Readinessinstallation requirements apply to this project? Yes [ ]  No [ ]
	1. Should be identified during permit application review. (4.106.4.1)
2. Is the installation in conformance with requirements for future installation of electric vehicle supply equipment for one-and two-family dwellings and townhouses with attached private garages? Yes [ ]  No [ ]
	1. 2016 CALGreen proposed mandatory EVCS requirements for new construction (If approved, effective January 1, 2017)

**CORRECTION(S) SUMMARY:**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

## Inspection Correction Sheet for

## Multi-Unit Dwelling (MUD) Electric Vehicle Charging Station

|  |  |  |
| --- | --- | --- |
| Check One | Type of Charging Station(s) Installed | Power Levels(installed circuit rating) |
|  | Level 1 | 110/120 volt alternating current (VAC) at 15 or 20 Amps |
|  | Level 2 - 3.3 kilowatt(kW) (low) | 208/240 VAC at 20 or 30 Amps |
|  | Level 2 - 6.6kW (medium) | 208/240 VAC at 40 Amps |
|  | Level 2 - 9.6kW (high) | 208/240 VAC at 50 Amps |
|  | Level 2 - 19.2kW (highest) | 208/240 VAC at 100 Amps |
|  | DC Fast Charging | 440 or 480 VAC |
|  | Other (provide detail) |  |

**Instructions:** This Correction Sheet shall be used during an Electric Vehicle Charging Station (EVCS) building inspection. If any discrepancies are found on site or if anything differs from the application and supplemental documentation, record the details of needed corrections on this Correction Sheet and provide to the applicant at the end of the inspection. Highlight or cite Correction Sheet section and item number in correction summary.

**Section 1: ROUGH ELECTRICAL INSPECTION (if applicable)**

1. Has the appropriate permit been obtained for this project? Yes [ ]  No [ ]
2. Has an electrical inspection of underground conduits and cables been completed? Yes [ ]  No [ ]
3. Have all conduit, cables, and junction boxes in walls to-be-covered been inspected?

Yes [ ]  No [ ]

**Section 2: FINAL MECHANICAL INSPECTION (if applicable)**

1. Is indoor mechanical ventilation required? (See CEC[[6]](#footnote-6) 625.29 (D) for indoor venting requirements). Yes [ ]  No [ ]
	1. If yes, is mechanical ventilation installed per Title 24, Part 6[[7]](#footnote-7) and ASHRAE 62.2 requirements? Yes [ ]  No [ ]

**Section 3: FINAL ELECTRICAL INSPECTION**

1. Does the EVCS installation match the approved set of plans and all supplemental permitting documents? Yes [ ]  No [ ]
	1. If yes, does the location of EVCS match the site plan? Yes [ ]  No [ ]
	2. If yes, does the charging unit installed match the manufacturer’s specifications?

Yes [ ]  No [ ]

1. Are proper electrical equipment clearances (36” deep x 30” wide x 6’6” high) provided? (CEC 110.26) Yes [ ]  No [ ]
2. Are San Diego Gas & Electric gas meter clearances adhered to? (18” for direct burial per CEC 300) Yes [ ]  No [ ]
3. Has physical protection or bollards been installed to prevent vehicle impact to equipment? (CEC 110.27 (B)) Yes [ ]  No [ ]  Not Applicable [ ]
4. Has the equipment been mounted with the appropriate vertical clearance at a height of 18-48 inches above the finished floor? (CEC 625.29(B)) Yes [ ]  No [ ]
5. Do the proposed load calculations for electrical service (per CEC Art. 220) match the existing loads at the project site[[8]](#footnote-8)? Yes [ ]  No [ ]
6. Are EVCS markings visible and compliant per CEC 625.15 and 625.29? Yes [ ]  No [ ]
7. Has an individual branch circuit for the EVCS and branch circuit wiring been installed[[9]](#footnote-9)?

Yes [ ]  No [ ]

1. Are all branch circuit conductors appropriately sized to comply with rating of the overcurrent protection? (CEC 210.19, CEC 215.2(A), CEC 110.3(B); CEC 310.15(B)) Yes [ ]  No [ ]
2. Has overcurrent protection for any newly installed service equipment and conductors been installed? (CEC 230.90, 91)Yes [ ]  No [ ]
3. If charging unit features adjustable operating current, does the current matches the install wiring and overcurrent protection device? Yes [ ]  No [ ]  Not Applicable [ ]
4. Has a properly sized equipment grounding conductor (per CEC table 250.122) with the branch circuit been installed and identified? Yes [ ]  No [ ]
5. If so, is there a connection at the EVCS and panelboard or service? (CEC 300.3(B))
6. Are all listed wiring and fittings securely fastened to the structure? (CEC 300.11) Yes [ ]  No [ ]
7. Has a disconnect been installed in a readily accessible location for EVCS system that is rated more than 60 amps or more than 150 Volts to ground? (CEC 625.23) Yes [ ]  No [ ]
8. Is the location of the disconnect in a readily accessible location in line of site and within 50’ of the EVCS? Yes [ ]  No [ ]
9. Are main service disconnects installed per CEC 230.71, 72? Yes [ ]  No [ ]
	* 1. Are they grouped? Yes [ ]  No [ ]
		2. Are there more than 6 disconnect sets in any group? Yes [ ]  No [ ]
10. Have all new and existing branch circuit overcurrent protection devices and disconnects been identified and labeled in the electrical panel? (CEC 408.4 (A); CEC 110.22(A))

Yes [ ]  No [ ]

1. Are all EMT, IMC, and RMC securely fastened in place at least every 10’ and within 3’ of each outlet box, junction box, device box, cabinet, conduit body or other termination? (CEC 342.30 (A), 344.30 (A), 358.30 (A)) Yes [ ]  No [ ]
2. If trench work is required, is a trenching detail called out on the electrical plan and the scope of work (per CEC 225)? Yes [ ]  No [ ] Not Applicable [ ]
	1. If yes to Q14, is the trenching in compliance with electrical feeder requirements from structure to structure? (CEC 225) Yes [ ]  No [ ]
	2. If yes to Q14, is the trenching in compliance of minimum cover requirements for wiring methods or circuits? (18” for direct burial per CEC 300) Yes [ ]  No [ ]

**Section 4: COMPLIANCE WITH 2013 MANDATORY CALGREEN CODE FOR NEW CONSTRUCTION AND 2016 PROPOSED CHAPTER 11B ACCESSIBILITY REQUIREMENTS**

2013 CALGreen Mandatory EVCS Requirements for New Construction[[10]](#footnote-10)

1. Do CALGreen EV readiness installation requirements apply to this project? Yes [ ]  No [ ]
	1. Should be identified during plan review (4.106.4.2)
2. If yes to Q1, is the installation in conformance with mandatory measures for multifamily dwellings with 17+ units where at least 3% of total parking spaces, but not less than one percent, are EV capable? Yes [ ]  No [ ]
	1. 2016 CALGreen proposed mandatory requirements for multifamily dwellings with 17+ units where at least 5% of total parking spaces, but not less than one percent, are EV capable (If approved, effective January 1, 2017)

2016 Chapter 11B Proposed EVCS Requirements (to go in effect January 1, 2017)[[11]](#footnote-11)

1. Do Chapter 11B mandatory EVCS parking stall requirements apply to this project? Yes [ ]  No [ ]
	1. Should be identified during plan review.
2. If yes to Q1, is there at least 1 EVCS parking stall out of 4 EVCS parking stalls that meet Chapter 11B accessibility dimension requirements for a van accessible parking space (144 inches wide with an adjacent access aisle)? Yes [ ]  No [ ]
	1. Access aisles shall comply with Section 11B-302.
3. For parking stalls with 5 to 25 EVCS, is there 1 EVCS parking stalls that meets Chapter 11B accessibility dimension requirements for a van accessible parking space (144 inches wide with an adjacent access aisle) and 1 EVCS parking stall that meets the standard accessible parking space (108 inches wide with an adjacent access aisle)? Yes [ ]  No [ ]
4. Is the path of travel to the EVCS from the accessible parking stall demonstrated to be unobstructed? Yes [ ]  No [ ]
5. Is the accessible path of travel from the EVCS parking stall demonstrated to be with 200 feet of a main building entrance? Yes [ ]  No [ ]

**CORRECTION(S) SUMMARY:**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

## Inspection Correction Sheet for

## Non-Residential Electric Vehicle Charging Station

**Instructions:** This Correction Sheet shall be used during a final Electric Vehicle Charging Station (EVCS) building inspection. If any discrepancies are found on site, record the needed corrections on this Correction Sheet and provide to the applicant at the end of the inspection. Highlight or cite Correction Sheet section and item number in correction summary.

|  |  |  |  |
| --- | --- | --- | --- |
| Check One | Type of Charging Station(s) Installed | Power Levels(installed circuit rating) | Typical NON-RES Charging Locations |
|  | Level 1 | 110/120 volt alternating current (VAC) at 15 or 20 Amps | * Commercial office building
 |
|  | Level 2 - 3.3kW (low) | 208/240 VAC at 20 or 30 Amps | * Multi-unit dwellings
* Commercial office building
* Public access
 |
|  | Level 2 - 6.6kW (medium) | 208/240 VAC at 40 Amps |
|  | Level 2 - 9.6kW (high) | 208/240 VAC at 50 Amps |
|  | Level 2 - 19.2kW (highest) | 208/240 VAC at 100 Amps |
|  | DC Fast Charging | 440 or 480 VAC | * Public access
* Large commercial office buildings or parks
* Hospitality & recreation
 |
|  | Other (provide detail) |  |  |

**Section 1: ROUGH ELECTRICAL INSPECTION (if applicable)**

1. Has the appropriate permit been obtained for this project? Yes [ ]  No [ ]
2. Has an electrical inspection of underground conduits and cables been completed? Yes [ ]  No [ ]
3. Have all conduit, cables, and junction boxes in walls or ceilings to-be-covered been inspected?

Yes [ ]  No [ ]

**Section 2: FINAL MECHANICAL INSPECTION (if applicable)**

1. Is indoor mechanical ventilation required? (See CEC[[12]](#footnote-12) 625.29 (D) for indoor venting requirements)? Yes [ ]  No [ ]
	1. If yes to Q1, is mechanical ventilation installed per Title 24, Part 6[[13]](#footnote-13) and ASHRAE 62.2 requirements? Yes [ ]  No [ ]

**Section 3: FINAL ELECTRICAL INSPECTION**

1. Does the EVCS installation match the approved set of plans and all supplemental permitting documents? Yes [ ]  No [ ]
	1. If yes to Q1, does the location of EVCS match the site plan? Yes [ ]  No [ ]
	2. If yes to Q1, does the charging unit installed match the manufacturer’s specifications?

Yes [ ]  No [ ]

1. Are proper electrical equipment clearances (36” deep x 30” wide x 6’6” high) provided? (CEC 110.26) Yes [ ]  No [ ]
2. Are San Diego Gas & Electric gas meter clearances adhered to? (18” for direct burial per CEC 300) Yes [ ]  No [ ]
3. Has physical protection or bollards been installed to prevent vehicle impact to equipment? (CEC 110.27 (B)) Yes [ ]  No [ ]  Not Applicable [ ]
4. Has the equipment been mounted with the appropriate vertical clearance at a height of 18-48 inches above the finished floor? (CEC 625.29(B)) Yes [ ]  No [ ] Not Applicable [ ]
5. Do the proposed load calculations (per CEC art. 220) for electrical service match the existing loads at the project site? Yes [ ]  No [ ]
6. Are EVCS markings visible and compliant per CEC 625.15 and 625.29? Yes [ ]  No [ ]
7. Has an individual branch circuit for the EVCS and branch circuit wiring been installed[[14]](#footnote-14)?

Yes [ ]  No [ ]

1. Are all branch circuit conductors appropriately sized to comply with rating of the overcurrent protection? (CEC 210.19, CEC 215.2(A), CEC 110.3(B); CEC 310.15(B)) Yes [ ]  No [ ]
2. Has overcurrent protection for any newly installed service equipment and conductors been installed? (CEC 230.90, 91) Yes [ ]  No [ ]
3. If charging unit features adjustable operating current, does the current matches the install wiring and overcurrent protection device? Yes [ ]  No [ ]  Not Applicable [ ]
4. Has a properly sized equipment grounding conductor (per CEC table 250.122) with the branch circuit been installed and identified? Yes [ ]  No [ ]
5. If so, is there a connection at the EVCS and panelboard or service? (CEC 300.3(B))
6. Are all listed wiring and fittings securely fastened to the structure? (CEC 300.11) Yes [ ]  No [ ]
7. Has a disconnect been installed in a readily accessible location for EVCS system that is rated more than 60 amps or more than 150 Volts to ground? (CEC 625.23) Yes [ ]  No [ ]
8. Is the location of the disconnect in a readily accessible location in line of site and within 50’of the EVCS? Yes [ ]  No [ ]
9. Are main service disconnects installed per CEC 230.71, 72? Yes [ ]  No [ ]
	* 1. Are they grouped? Yes [ ]  No [ ]
		2. Are there more than 6 disconnect sets in any group? Yes [ ]  No [ ]
10. Have all new and existing branch circuit overcurrent protection devices and disconnects been identified and labeled in electrical panel? (CEC 408.4 (A); CEC 110.22(A)) Yes [ ]  No [ ]
11. Are all EMT, IMC, and RMC securely fastened in place at least every 10’ and within 3’ of each outlet box, junction box, device box, cabinet, conduit body or other termination? (CEC 342.30 (A), 344.30 (A), 358.30 (A)) Yes [ ]  No [ ]
12. If trench work is required, is a trenching detail called out on the electrical plan and the scope of work (per CEC 225)? Yes [ ]  No [ ] Not Applicable [ ]
	1. If yes to Q14, is the trenching in compliance with electrical feeder requirements from structure to structure? (CEC 225) Yes [ ]  No [ ]
	2. If yes to Q14, is the trenching in compliance of minimum cover requirements for wiring methods or circuits? (18” for direct burial per CEC 300) Yes [ ]  No [ ]

**Section 4: COMPLIANCE WITH 2013 MANDATORY CALGREEN CODE FOR NEW CONSTRUCTION AND 2016 PROPOSED CHAPTER 11B ACCESSIBILITY REQUIREMENTS**

2013 CALGreen Mandatory EVCS Requirements for New Construction[[15]](#footnote-15)

1. Do CALGreen EV Readiness installation requirements apply to this project? Yes [ ]  No [ ]
	1. Should be identified during plan review (5.106.5.3)
2. If yes to Q1, is the installation in conformance with mandatory measures of 3% for new construction of parking spaces in lots with 51+ spaces being EV capable? Yes [ ]  No [ ]  Not Applicable [ ]
	1. 2016 CALGreen proposed mandatory requirements for new construction include measures for 6% of total parking spaces in lots with 10+ spaces being EV capable (If approved, effective January 1, 2017)

2016 Chapter 11B Proposed EVCS Requirements (to go in effect January 1, 2017)[[16]](#footnote-16)

1. Is there at least 1 EVCS parking stall out of 4 EVCS parking stalls that meet Chapter 11B accessibility dimension requirements for a van accessible parking space (144 inches wide with an adjacent access aisle)? Yes [ ]  No [ ]
	1. Access aisles shall comply with Section 11B-302.
2. For parking stalls with 5 to 25 EVCS, is there 1 EVCS parking stalls that meets Chapter 11B accessibility dimension requirements for a van accessible parking space (144 inches wide with an adjacent access aisle) and 1 EVCS parking stall that meets the standard accessible parking space (108 inches wide with an adjacent access aisle)? Yes [ ]  No [ ]
3. Is the path of travel to the EVCS from the accessible parking stall demonstrated to be unobstructed? Yes [ ]  No [ ]
4. Is the accessible path of travel from the EVCS parking stall demonstrated to be with 200 feet of a main building entrance? Yes [ ]  No [ ]

**CORRECTION(S) SUMMARY:**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. 2013 California Electrical Code. Title 24, Part 3, Article 625, *Electrical Vehicle Charging Station* [↑](#footnote-ref-1)
2. 2013 California Building Energy Efficiency Standards, Title 24, Part 6, Section 120, [↑](#footnote-ref-2)
3. **Load Calculation Worksheet review instructions:** The size of the existing service MUST be equal to or larger than the Minimum Required Size of main service breaker. 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(CEC Art. 220) [↑](#footnote-ref-3)
4. Branch circuit over-current protection, conductors, and feeders must be sized 125% of nameplate current. (CEC 625.21) [↑](#footnote-ref-4)
5. 2013 California Green Buildings Standards Code (CALGreen). Title 24, Part 11, Section 4.106.4.1 *Electric Vehicle (EV) Charging* [↑](#footnote-ref-5)
6. 2013 California Electrical Code. Title 24, Part 3, Article 625, *Electrical Vehicle Charging Station* [↑](#footnote-ref-6)
7. 2013 California Building Energy Efficiency Standards, Title 24, Part 6, Section 120, [↑](#footnote-ref-7)
8. **Load Calculation Worksheet review instructions:** The size of the existing service MUST be equal to or larger than the Minimum Required Size of main service breaker. 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. (CEC Art. 220) [↑](#footnote-ref-8)
9. Branch circuit over-current protection, conductors, and feeders must be sized 125% of nameplate current. (CEC 625.21) [↑](#footnote-ref-9)
10. 2013 California Green Buildings Standards Code (CALGreen). Title 24, Part 11, Section 4.106.4.2 *Electric Vehicle (EV) Charging* [↑](#footnote-ref-10)
11. 2016 California Building Code. Title 24, Part 2, Chapter 11B *Accessibility to Public Buildings, Public Accommodations, Commercial Buildings and Publicly Funded Housing*, Section 228.3 *Electric Vehicle Chargers* [↑](#footnote-ref-11)
12. 2013 California Electrical Code. Title 24, Part 3, Article 625, *Electrical Vehicle Charging Station* [↑](#footnote-ref-12)
13. 2013 California Building Energy Efficiency Standards, Title 24, Part 6, Section 120, [↑](#footnote-ref-13)
14. Branch circuit over-current protection, conductors, and feeders must be sized 125% of nameplate current. (CEC 625.21) [↑](#footnote-ref-14)
15. 2013 California Green Buildings Standards Code (CALGreen). Title 24, Part 11, Section 5.106.5.3 *Electric Vehicle (EV) Charging* [↑](#footnote-ref-15)
16. 2016 California Building Code. Title 24, Part 2, Chapter 11B *Accessibility to Public Buildings, Public Accommodations, Commercial Buildings and Publicly Funded Housing*, Section 228.3 *Electric Vehicle Chargers* [↑](#footnote-ref-16)