**WHEN TO USE THIS FORM**

[Optional if using cover page with same information. Otherwise, describe occupancy and trigger and add link to municipal code and or webpage.]

PROJECT ADDRESS:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

APN:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ APPLICANT NAME:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

## ELECTRIFICATION **[modify as applicable]**

* This project qualifies for an exception to the all-electric ordinance and applicant submitted all applicable files. The following exception(s) apply:

**Heat pumps during AC and water heater installations or replacements**

Space Heating and Cooling (check one)

* Heat pump space heating and cooling already exists or will be installed
* Air conditioner is not being installed or replaced

Water Heating (check one)

* Heat pump water heater already exists or will be installed
* Water heater is not being installed or replaced

**Electric panel upgrades during panel upgrades or replacements**

Electric Panel Upgrade (check one)

* Panel of sufficient capacity to convert all gas-fired appliances and equipment to electric power and to meet the electric vehicle charger requirements as they apply to newly constructed buildings
* Electrical panel is not being upgraded or replaced

**Outdoor Gas Lines**

* No gas line extensions or modifications

## ENERGY EFFICIENCY

* Compliance with energy efficiency standards required under the State Energy Code

## Green Building

* The permit application includes a completed CALGreen checklist [add hyperlink]

## Electric Vehicle (EV) Charging

**EV chargers during additions or alterations of parking spaces or electrical systems/lighting upgrades**

Electric Vehicle Chargers (check one)

* New or Altered Parking Spaces shall meet the EV Charger requirements in Table 1
* No parking spaces are being added or altered
* No electrical systems or lights are being upgraded

Table 1: EV Charger Requirements [modify as applicable]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Measure | Total Spaces Added or Altered (EV and non-EV) | Required EV Spaces (see tables) | Proposed EV Spaces | Capacity |
| Parking Spaces |  |  |  | Volts | Amps |
|  | Level 1 EV Ready |  |  |  |  |  |
| Level 2 EV Receptacle |  |  |  |  |  |
| Level 2 EV Ready |  |  |  |  |  |
| EV Capable |  |  |  |  |  |
| EV Chargers |  |  |  |  |  |
| DC Fast Charger |  | na\* |  |  |  |
| **Total Parking Spaces** |  |  |  |  |  |
| Off Street Loading Spaces |  |  |  |  |  |
|  | Raceway & Panel Capacity |  |  |  |  |  |

## Exceptions

Check one

* No exceptions requested
* Exception(s) requested (attach exceptions [hyperlink] form)

## Verification

This form has been completed by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(name) of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(company), the qualified [specify credentials based on local practice, e.g., architect, engineer, project manager] individual for the above listed project who verifies that it accurately represents the project plans. [modify based on local verification requirements]

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

Signature Date

**Definitions** [Add or delete or modify terms to conform to the ordinance. Note, EV charging definitions are not written as they appear in the State Code but have been modified to suit the context of the requirements by occupancy.]

**AUTOMATIC LOAD MANAGEMENT SYSTEM (ALMS).** A system designed to manage load across one or more electric vehicle supply equipment (EVSE) to share electrical capacity and/or automatically manage power at each connection point.

**EV CAPABLE SPACE.** A vehicle space capable of supporting future EV charging, which includes raceway and/or sheathed cable, panel capacity and circuit breaker space for a 208/240-volt 40-ampere minimum branch circuit.

**EV CHARGER**. Off-board charging equipment used to charge an electric vehicle connected to a 208/240-volt 40-ampere minimum circuit. If using an automated load management system (ALMS), each charging port shall deliver a minimum 30 amperes to an EV when charging one vehicle and shall deliver a minimum 3.3 kW while simultaneously charging multiple EVs.

**LEVEL 1 EV READY.** A parking space that is served by a complete electric circuit with the following requirements:

* A minimum of 2.2 kVa (110/120-volt, 20-ampere) capacity wiring.
* A receptacle labeled “Electric Vehicle Outlet” or electric vehicle supply equipment (EVSE) located within three (3) feet of the parking space. If EVSE is provided the minimum capacity of the EVSE shall be 16-ampere.
* Conduit oversized to accommodate future Level 2 EV Ready (208/240-volt, 40-ampere) at each parking space.

**LEVEL 2 EV READY.** A parking space that is served by a complete electric circuit with the following requirements:

* A minimum of 8.3 kVa (208/240-volt, 40-ampere) capacity wiring.
* A receptacle labeled “Electric Vehicle Outlet” or electric vehicle supply equipment (EVSE) located within three (3) feet of the parking space. If EVSE is provided the minimum capacity of the EVSE shall be 30-ampere.

**LEVEL 2 EV RECEPTACLE.** A 208/240-volt 20-ampere minimum branch circuit and a receptacle for EV charging.

**NEW OR ALTERED PARKING SPACE.** The addition of new parking facilities or modification of electrical systems or lighting of existing parking facilities.