



Building Safety Division
(541) 388-5528
building@bendoregon.gov
710 NW Wall Street, Bend OR 97703

TOPIC: **Electric Vehicle Charging Stations (EV)**
CODE: **Current Adopted Oregon Structural Specialty Code**
Current Adopted Oregon Electrical Specialty Code
Current Adopted Oregon Residential Specialty Code

I. Purpose

The purpose of this document is to establish standards for the installation of Electric Vehicle Charging Stations (EV) in the City of Bend in order to provide adequate and uniform Building Safety Code standards. These guidelines may be subject to change at any given time under the authority of the Building Official.

II. Guidelines

Commercial (Structures regulated by the OSSC)

1. Building and Electrical permits are required for EV charging stations installed at all commercial facilities regulated by the COB Building Safety Division.
 - a. Construction documents must be provided for all EV charging stations
 - b. Construction documents for EV charging stations installed at non-exempt structures must bear the stamp of a Design Professional registered in the State of Oregon.
 - c. Construction documents for EV charging stations installed at exempt structures with a service rated at 600 amps or greater must bear the stamp of a Design Professional registered in the State of Oregon or a supervising signing electrician licensed in the state of Oregon.
2. EV charging stations installed at all commercial facilities must be provided with an accessible route complying with chapter 11 of the OSSC.
3. EV charging stations installed at all commercial facilities must be provided with operating mechanisms that are located within the specified accessible reach ranges for controls.

Residential (Structures regulated by the ORSC)

1. Electrical permits are required for EV charging stations installed at detached residential single family dwellings regulated by the COB Building Safety Division.

III. Permit Submittal Requirements:

1. Complete and submit Construction and Electrical Permit Applications. Application shall be made to the City of Bend and shall consist of the following:
 - a. Provide a parcel map, show all building(s), structure(s) and location of EV, and indicate what is new (N) and existing (E), show all property lines. The parcel map must be drawn to scale and fully dimensioned.

- b. Provide a vicinity map, include the street that the project is on and the cross street, and include a north arrow.
- c. Provide the location(s) of all building exits and routes to public way.
- d. Provide the location(s) and detail the accessible route to EV.
- e. Provide the manufactures product cut sheets for the EV.
- f. For EV rated at 600 amps or greater, provide construction documents detailing the electrical design as per [OAR 918-311-0040](#).