



STATE OF WASHINGTON
STATE BUILDING CODE COUNCIL

May 2018
Log No. _____

1. State Building Code to be Amended:

- | | |
|---|---|
| <input checked="" type="checkbox"/> International Building Code | <input type="checkbox"/> International Mechanical Code |
| <input type="checkbox"/> ICC ANSI A117.1 Accessibility Code | <input type="checkbox"/> International Fuel Gas Code |
| <input type="checkbox"/> International Existing Building Code | <input type="checkbox"/> NFPA 54 National Fuel Gas Code |
| <input type="checkbox"/> International Residential Code | <input type="checkbox"/> NFPA 58 Liquefied Petroleum Gas Code |
| <input type="checkbox"/> International Fire Code | <input type="checkbox"/> Wildland Urban Interface Code |
| <input type="checkbox"/> Uniform Plumbing Code | |

For the Washington State Energy Code, please see specialized [energy code forms](#)

Section(s):

(e.g.: Section: R403.2) [1107.2](#)

Title:

(e.g.: Footings for wood foundations) [Vehicle space size.](#)

2. Proponent Name (Specific local government, organization or individual):

Proponent: [Washington Association of Building Officials, Technical Code Development Committee \(Micah Chapell, Angela Haupt, Jon Siu\)](#)

Title:

Date: [August 31, 2024](#)

3. Designated Contact Person:

Name: [Richard Williams](#)

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- 4. Proposed Code Amendment.** Reproduce the section to be amended by underlining all added language, striking through all deleted language. Insert new sections in the appropriate place in the code in order to continue the established numbering system of the code. If more than one section is proposed for amendment or more than one page is needed for reproducing the affected section of the code, additional pages may be attached.

Clearly state if the proposal modifies an existing amendment or if a new amendment is needed. If the proposal modifies an **existing amendment**, show the modifications to the existing amendment by underlining all added language and striking through all deleted language. If a new amendment is needed, show the modifications to the **model code** by underlining all added language and striking through all deleted language.

Code(s) 2024 IBC Section(s) 1107.2

Enforceable code language must be used.
Amend section to read as follows:

1107.1 General.

Electrical vehicle charging stations shall comply with Section 1107.2. Fuel-dispensing systems shall comply with Section 1107.3.

1107.2 Electrical vehicle charging stations.

Electrical vehicle charging stations shall ~~comply with Sections 1107.2.1 and 1107.2.2.~~ be provided in accordance with Section 429.4.

Exceptions:

- ~~1. Electrical vehicle charging stations provided to serve Group R-3 occupancies are not required to comply with this section.~~
2. Electric vehicle charging stations used exclusively by buses, trucks, other delivery vehicles, law enforcement vehicles and motor pools are not required to comply with this section.

~~1107.2.1 Number of accessible vehicle spaces.
See Section 429.4.~~

~~1107.2.2 Vehicle space size.~~

~~Accessible vehicle spaces shall comply with the requirements for a van accessible parking space that is 132 inches (3350 mm) minimum in width with an adjoining access aisle that is 60 inches (1525 mm) minimum in width.~~

1107.3 Fuel-dispensing systems.

Fuel-dispensing systems shall be accessible.

- 5. Briefly explain your proposed amendment, including the purpose, benefits and problems addressed.** Specifically note any impacts or benefits to business, and specify construction types, industries and services that would be affected. Finally, please note any potential impact on enforcement such as special reporting requirements or additional inspections required.

Sections 1107.2.1 and 1107.2.2 of the 2021 IBC specify requirements for the number and size of accessible vehicle spaces served by EV charging systems. WA State Amendment Section 1107.2.1 deletes the base language and instead references state amendment section 429.4, which sets different EV charging requirements for accessible parking spaces, not accessible vehicle spaces.

State requirements for the size of accessible parking spaces (8' parking/5' access aisle for cars; 8' parking/8' access aisle for vans) are different from the sizing specified for accessible vehicle spaces in Section 1107.2.2. Also, state requirements do not recognize accessible vehicle spaces, therefore Section 1107.2.2 is not scoped and is not applicable. Because of this, we propose to remove IBC Section 1107.2.2 in order to avoid confusion. Additional modifications include the reference to Section 429.4 directly from Section 1107.2.

6. Specify what criteria this proposal meets. You may select more than one.

- The amendment is needed to address a critical life/safety need.
- The amendment clarifies the intent or application of the code.
- The amendment is needed to address a specific state policy or statute.
- The amendment is needed for consistency with state or federal regulations.
- The amendment is needed to address a unique character of the state.
- The amendment corrects errors and omissions.

7. Is there an economic impact: Yes No

If no, state reason:

There is no economic impact because this proposal will merely provide clarification for the required size of accessible parking spaces served by EV charging equipment

If yes, provide economic impact, costs and benefits as noted below in items a – f.

- a. **Life Cycle Cost.** Use the OFM Life Cycle Cost [Analysis tool](#) to estimate the life cycle cost of the proposal using one or more typical examples. Reference these [Instructions](#); use these [Inputs](#). Webinars on the tool can be found [Here](#) and [Here](#)). If the tool is used, submit a copy of the excel file with your proposal submission. If preferred, you may submit an alternate life cycle cost analysis.

NA

- b. **Construction Cost.** Provide your best estimate of the construction cost (or cost savings) of your code change proposal.

NA

\$Click here to enter text./square foot

(For residential projects, also provide \$Click here to enter text./ dwelling unit)

Show calculations here, and list sources for costs/savings, or attach backup data pages

- c. **Code Enforcement.** List any code enforcement time for additional plan review or inspections that your proposal will require, in hours per permit application:

NA

- d. **Small Business Impact.** Describe economic impacts to small businesses:

NA

- e. **Housing Affordability.** Describe economic impacts on housing affordability:

NA

- f. **Other.** Describe other qualitative cost and benefits to owners, to occupants, to the public, to the environment, and to other stakeholders that have not yet been discussed:

NA

Please send your completed proposal to: sbcc@des.wa.gov

All questions must be answered to be considered complete. Incomplete proposals will not be accepted.