

NO. 20-075

A BYLAW OF THE CITY OF VICTORIA

The purposes of this Bylaw are to amend the Zoning Bylaw 2018 by adding new definitions in Section 2.1 – Administrative Definitions and amending Section 5.1 – Off-Street Parking Regulations to establish electric vehicle charging design standards.

The Council of The Corporation of the City of Victoria enacts the following provisions:

1 This Bylaw may be cited as the “ZONING BYLAW 2018, AMENDMENT BYLAW (NO. 5)”.

2 Bylaw No. 18-072, the Zoning Bylaw 2018, is amended as follows:

(a) Section 2.1 – Administrative Definitions is amended by adding the following definitions immediately after the definition of “**Dwelling Unit**”:

“**Energized Electric Vehicle Outlet**” means a connected point in an electrical wiring installation at which current is taken and a source of voltage is connected to supply utilization equipment for the specific purpose of charging an electric vehicle.

“**Electric Vehicle Charger**” means a complete assembly consisting of conductors, connectors, devices, apparatus, and fittings installed specifically for the purpose of power transfer and information exchange between a branch circuit and an electric vehicle.

“**Electric Vehicle Energy Management System**” means a system consisting of monitors, communications equipment, controllers, timers, and other applicable devices used to control electric vehicle supply equipment loads through the process of connecting, disconnecting, increasing, or reducing electric power to the loads.”

(b) Section 5.1 – Off Street Parking Regulations is amended by adding the following immediately after section 5.1.3:

4. Electric Vehicle Charging Infrastructure Requirements

- a. The owner or occupier of any land or any **Building** or other structure, for each use present on the land or in the **Building** or other structure, must provide **Energized Electric Vehicle Outlets** for parking spaces in accordance with Table 3.
- b. All **Energized Electric Vehicle Outlets** shall provide, at a minimum, a Level 2 electric charging level as defined by SAE International’s J1772 standard.
- c. **Energized Electric Vehicle Outlets** shall be labelled for their intended use for electric vehicle charging only.
- d. **Energized Electric Vehicle Outlets** shall not be placed within the minimum vehicle parking space dimensions or **Drive Aisle** identified in Figure 1, Part 5.

- e. An **Energized Electric Vehicle Outlet** shall be assigned to an individual vehicle parking stall and shall be located no further than 1.0m from that stall.
- f. No more than one **Energized Electric Vehicle Outlet** may be assigned to an individual vehicle parking stall.
- g. Where an **Electric Vehicle Energy Management System** is implemented, the **Electric Vehicle Management System** must meet the requirements set out in Electric Vehicle Charging Infrastructure Technical Bulletin (2020).
- h. Section 5.1.4 does not apply to:
 - i. visitor parking spaces; or
 - ii. a **Building** existing prior to October 1, 2020; or
 - iii. parking spaces in a development in which, prior to October 1, 2020:
 - A. an application has been submitted for the development to the City in accordance with the City's Land Use Procedures Bylaw; or
 - B. a building permit application has been submitted for the development in accordance with the City's Building and Plumbing Regulation Bylaw.

Table 3: Minimum Number of Required **Energized Electric Vehicle Outlets**

Use or Class of Use	Minimum Number of Energized Electric Vehicle Outlets
Residential	
Condominium (Dwelling Unit in a Building regulated by the <i>Strata Property Act</i>)	1 per required vehicle parking space
Apartment (Dwelling Unit secured as rental in perpetuity through a legal agreement)	1 per required vehicle parking space
Affordable (Affordable Dwelling Units secured in perpetuity through a legal agreement)	1 per required vehicle parking space

Assisted Living Facility	1 per required vehicle parking space
All other residential uses not specifically identified in this table	1 per required vehicle parking space
Commercial	
Number of Vehicle Parking Spaces Provided	
<5	0
>5	1 Energized Electric Vehicle Outlet or 5% of the total number of required vehicle parking spaces, whichever is greater

- (c) Section 5.1.4 Bicycle Parking Specifications and Section 5.1.5 Bicycle Parking Exemptions shall be renumbered to Section 5.1.5 and Section 5.1.6 respectively.
- (d) Section 5.1.4.h.i is amended by deleting the words "Table 3" and replacing with "Table 4".

Effective Date

3 This Bylaw comes into force on October 1, 2020.

READ A FIRST TIME the _____ day of _____ 2020.

READ A SECOND TIME the _____ day of _____ 2020.

Public hearing held on the _____ day of _____ 2020.

READ A THIRD TIME the _____ day of _____ 2020.

ADOPTED on the _____ day of _____ 2020.

CITY CLERK

MAYOR