

NO. 20-001

## A BYLAW OF THE CITY OF VICTORIA

The purposes of this Bylaw are to amend the Zoning Regulation Bylaw by adding new definitions in Schedule A – Definitions and amending Schedule C – Off-Street Parking 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 REGULATION BYLAW, AMENDMENT BYLAW (NO. 1210)”.

2 Bylaw No. 80-159, the Zoning Regulation Bylaw, is amended as follows:

(a) Schedule A – 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) Schedule C – Off Street Parking is amended by adding the following immediately after section 2.3.4:

“2.4 Electric Vehicle Charging Infrastructure Requirements

1. 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.
2. All energized electric vehicle outlets shall provide, at a minimum, a Level 2 electric charging level as defined by SAE International’s J1772 standard.
3. Energized electric vehicle outlets shall be labelled for their intended use for electric vehicle charging only.

4. Energized electric vehicle outlets shall not be placed within the minimum vehicle parking space dimensions or drive aisle identified in Figure 2 of this Schedule.
5. 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.
6. No more than one energized electric vehicle outlet may be assigned to an individual vehicle parking stall.
7. 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).
8. Sections 2.4.3 and 2.4.5 do not apply to Single Family Dwellings, Two Family Dwellings or Semi-Attached Dwellings.
9. Section 2.4.1 does not apply to:
  - a. visitor parking spaces; or
  - b. a building existing prior to October 1, 2020; or
  - c. parking spaces in a development in which, prior to October 1, 2020:
    - i. an application has been submitted for the development to the City in accordance with the City's Land Use Procedures Bylaw; or
    - ii. 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 <u>Energized Electric Vehicle Outlets</u>
<b>Residential</b>	
<u>Single Family Dwelling</u>	1 per required vehicle parking space
<u>Two Family Dwelling</u>	1 per required vehicle parking space

<u>Semi-attached Dwelling</u>	1 per required vehicle parking space
<u>Secondary Suite</u> or <u>Garden Suite</u>	n/a
All other residential uses not specifically identified in this table	1 per vehicle parking space
<b>Commercial, Institutional and Industrial</b>	
Number of Vehicle Parking Spaces Provided	
<10	n/a
10-14	1
>15	2 <u>energized electric vehicle outlets</u> or 5% of the total number of required vehicle parking spaces, whichever is greater

#### 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