

CORPORATION OF THE TOWNSHIP OF ESQUIMALT

BYLAW NO. 3014

A Bylaw to amend Bylaw No.2011, cited as the
“Parking Bylaw, 1992, No. 2011”

The Council of the Corporation of the Township of Esquimalt, in open meeting assembled, enacts as follows:

1. This Bylaw may be cited as the “Parking Bylaw, 1992, No. 2011, Amendment Bylaw (No.7), 2021, No. 3014.”
2. That Bylaw No. 2011, cited as the “Parking Bylaw, 1992, No. 2011” be amended as follows:

- (1) By adding the following under Section 2 (3) – DEFINITIONS in appropriate alphabetical order:

“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.

- (2) By adding the following subsection (5) under Section 10. DESIGN OF PARKING AREAS:

- (5). Electric Vehicle Charging Infrastructure:

- (a) Each Parking Area shall be designed and constructed to include electric vehicle charging infrastructure in accordance with the provisions of this Bylaw.
- (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 aisles as identified in this Bylaw.
- (e) An Energized Electric Vehicle Outlet shall be assigned to an individual vehicle Parking Space and shall be located no further than 1.0 m from that stall.
- (f) Where an Electric Vehicle Energy Management System is provided to fulfil

the requirements of this Bylaw, the Electric Vehicle Energy Management System must meet the requirements set out in Schedule A to this Bylaw, which schedule forms part of this Bylaw.

- (3) By deleting Part 5, Section 13. NUMBER OF OFF-STREET PARKING SPACES in its entirety and replacing with the following:

13. NUMBER OF OFF-STREET PARKING SPACES

- (1) The minimum number of Parking Spaces required for residential use shall be calculated in accordance with Table 1.
- (2) The minimum number of Parking Spaces required for all uses other than residential use shall be calculated in accordance with Table 2.
- (3) The minimum number of Energized Electric Vehicle Outlets required for residential use shall be calculated in accordance with Table 1.
- (4) Section 13(3) does not apply to:
 - (a) Visitor Parking Spaces; or
 - (b) A building existing prior to the date of adoption of this bylaw or for which a development application has been submitted prior to the date of adoption of this Bylaw.

TABLE 1 – RESIDENTIAL

Use, Building or Structure	Required Parking Spaces	Minimum Number of Energized Electric Vehicle Outlets
Single Family Dwelling	1 space per dwelling unit	1 per required parking space
Single Family Bed and Breakfast	3 spaces per dwelling unit	1 outlet
Two Family Dwellings	1 space per dwelling unit	1 per required parking space
Townhouse and Low Density Apartment zones	2 spaces per dwelling unit	1 per required parking space
Medium and High Density Apartment zones	1.3 spaces per dwelling unit	1 per required parking space
Senior Citizens Apartment	0.5 spaces per dwelling unit	1 per required parking space
Liveaboards and Floating Homes	1 space per dwelling unit	1 per required parking space

TABLE 2 – COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL

Use, Building or Structure	Required Parking Spaces
COMMERCIAL	
Convenience Store	1 space per 35 sq. m. of gross floor area with a minimum of 4 spaces
Restaurant	1 space per 5 seats with a minimum of 1 space per 14 sq. m. of gross floor area
Entertainment (theatres, halls, arcades)	1 space per 5 seats with a minimum of 1 space per 14 sq. m. of gross floor area
Retail Sales of goods and services	1 space per 25 sq. m. of gross floor area
Mixed Commercial/Residential	Commercial requirement per use plus residential requirement
Business and Professional Offices	1 space per 30 sq. m. of gross floor area
Financial Institutions	1 space per 25 sq. m. of gross floor area
Hotels	1 space per guest room
Motels	1 space per rental unit
Service Station, including automobile repair, servicing and body shops and car wash	3 spaces per service bay
Museum	1 space per 10 sq. m. gross floor area
Licensed liquor establishments	1 space per 5 seats with a minimum of 1 space per 14 sq. m. of gross floor area
Other Commercial	1 space per 25 sq. m. gross floor area
INDUSTRIAL	
Warehouse - storage	1 space per 250 sq. m. gross floor area
Warehouse - wholesale outlet	1 space per 25 sq. m. gross floor area
Manufacturing - light	1 space per 100 sq. m. gross floor area
Manufacturing - heavy	1 space per 50 sq. m. site area
Repair Shops (other than automobile repair, servicing and body shops)	1 space per 100 sq. m. gross floor area
Electrical Substations and Gas Pressure Reduction Facilities	1 space
	4 spaces

Regional Sewage Pumping Facility which may include a Sewage Screening Facility	
Other Industrial	1 space per 25 sq. m. gross floor area
PUBLIC INSTITUTIONAL	
Schools - Elementary and Junior	1.5 spaces per classroom
Schools - Senior Secondary	3.5 spaces per classroom
Churches	1 space per 10 seats
Golf Course - 18 hole	150 spaces plus 1 space per tee for driving range
MARINE COMMERCIAL	
Boat Rental	1 space per rental unit
Passenger Charter Service	3 spaces per charter boat
Pleasure and Commercial Boat Moorage	1 space per 4 berths

- (5) If a use, building or Structure is not listed in Table 1 or Table 2, the number of spaces required shall be calculated on the basis of the most similar use that is listed.
- (6) Unless otherwise provided in Table 1 or Table 2, if a development contains more than one use or involves collective parking for more than one building or use, the total number of spaces required shall be the sum of the various classes of uses calculated separately and any space required for one use shall not be included in the calculations for any other use.
- (7) Where the calculation of the total required spaces results in a fractional number, rounding off to the larger whole number shall apply.
- (8) Where all of the following criteria are met in a commercial or industrial building, the off-street parking requirement of Section 13(2) may be reduced by a maximum of two (2) spaces:
- 2 or more secure bicycle parking spaces are provided on-site
 - shower and change rooms are provided within the building
 - 6 visitor bicycle parking spaces are provided on-site
 - the building is located within 200 metres of a regional bus route.
- (4) By re-numbering the tables, and references to such tables, in the remainder of the Bylaw to follow consecutively in numerical order from the new Table 1 and Table 2 in Section 13 (which tables replace former Table 1).

(5) By adding as Schedule A - Schedule A as attached hereto.

3. EFFECTIVE DATE

This Bylaw comes into force on July 1, 2021.

READ a first time on the 1st day of February, 2021

READ a second time on the 1st day February, 2021

READ a third time on the 1st day of February, 2021

ADOPTED on the ____ day of _____, 2021

BARBARA DESJARDINS
MAYOR

RACHEL DUMAS
CORPORATE OFFICER

SCHEDULE A

Electric Vehicle Charging Infrastructure Performance Standards

A baseline performance standard of at least 12kWh per vehicle over an eight-hour period is required when all vehicles are charging simultaneously. Greater allowable levels of sharing are appropriate beyond 80A, given the greater diversity of electrical loads possible at these higher amperages. Additionally, no more than 1 vehicle should be able to charge on a 20A circuit and no more than 2 on a 30A circuit.

Circuit Breaker Amperage	Maximum number of Electric Vehicle Ready Parking Spaces
20	1
30	2
40	4
50	5
60	6
70	7
80	8
90	10
100	11
125	14
150	17
