

BY-LAW NO. 12154

A By-law to amend Building By-law No. 10908 Regarding electric vehicle charging stations and bicycle end-of trip facilities

THE COUNCIL OF THE CITY OF VANCOUVER, in public meeting, enacts as follows:

1. This by-law amends the indicated provisions of the Building By-law No. 10908.
2. In section 1.4.1.2.(1) of Book 1, Division A, Part 1, Council strikes out the definition of *Grooming station*.
3. In section 1.4.1.2.(1) of Book 1, Division A, Part 1, Council adds the following new definitions in correct alphabetical order:

“Electric vehicle energy management system means a system used to control electric vehicle supply equipment loads through the process of connecting, disconnecting, increasing, or reducing electric power to the loads and consisting of any of the following: a monitor(s), communications equipment, a controller(s), a timer(s), and other applicable device(s).

Electric vehicle supply equipment means a complete assembly consisting of cables, connectors, devices, apparatus, and fittings installed for the purpose of power transfer and information exchange between the branch circuit and the electric vehicle.”

4. Council strikes out section 3.7.2.12. of Book 1, Division B, Part 3, Bicycle Parking Facilities.
5. In Book 1, Division B, Part 10, Council strikes out Sentences (2) through (6) of section 10.4.3.1. and substitutes the following:

“

- 2) Where the requirements of section 4.14.1(a) of the Parking By-Law would cause the *dwelling unit* calculated load to exceed 200 A in *one-family dwellings, two-family dwellings, one-family dwellings with secondary suite or a lock-off unit, two family dwellings with secondary suites or a lock-off unit, row housing, or laneway houses*, the installation of an energized outlet for Level 2 charging may be omitted provided that a minimum nominal trade size of 21 raceway supplied with pull string leading from the *dwelling unit* panelboard to an electrical outlet box is installed in the *storage garage* or carport and is labelled to identify its intended use with the *electric vehicle supply equipment*.
- 3) Where an *electric vehicle energy management system* is implemented, the *Chief Building Official* may specify a minimum performance standard to ensure a sufficient rate of electric vehicle charging.”

6. In Book 1, Division B, Part 10, Council strikes out section 10.4.3.2., Electrical Rooms.
7. A decision by a court that any part of this By-law is illegal, void, or unenforceable severs that part from this By-law, and is not to affect the balance of this By-law.
8. This By-law is to come into force and take effect on enactment, except that sections 3, 5 and 6 come into force and effect on January 1, 2019.

ENACTED by Council this 10th day of July, 2018

Signed _____ "Gregor Robertson"
Mayor

Signed _____ "Katrina Leckovic"
City Clerk