

1 **AMENDMENT 2 on Bill No. 22-01**

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3 **Introduced By:** Council President Keegan-Ayer (District 3)

4 **Introduction Date:** March 1, 2022

5 **Adopted/Rejected/Withdrawn:** _____

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8 An ACT to Require electric vehicle charging infrastructure for certain new residential structures.

9 On Exhibit 1, it is hereby amended as follows:

10 AND BE IT FURTHER ENACTED, that the amendments shown on Exhibit 1 will be effective
11 for building permits issued on or after **JULY 1, 2022** [~~the effective date of this Bill~~].

12 **§1-6-23. ELECTRIC VEHICLE CHARGING- RESIDENTIAL CONSTRUCTION.**

13 **(A) Definitions.**

14 (1) “Electric Vehicle” - a vehicle that uses electricity for propulsion.

15 (2) “Electric Vehicle Charging Outlet” - a connected point in an electrical wiring
16 installation at which current is provided to charge an electric vehicle.

17 (3) “Level 2 Charging” - the charging capability of the electric vehicle charging outlet and
18 lines that includes the ability to charge a battery or other storage device in an electric vehicle
19 through an alternating current electrical service with a minimum of 240 volts/40 amps and which
20 meets applicable industry safety standards.

21 **(4) “RACEWAY” – AN ENCLOSED CHANNEL DESIGNED EXPRESSLY FOR**
22 **HOLDING WIRES, CABLES, OR BUS BARS, WITH ADDITIONAL FUNCTIONS AS**
23 **PERMITTED IN THE NATIONAL ELECTRICAL CODE.**

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26 **(C) Installation of Electric Vehicle Charging INFRASTRUCTURE** [~~Equipment~~].

27 (1) For each new residential dwelling unit construction subject to this section, the
28 following must be installed **FOR A MINIMUM OF ONE DEDICATED PARKING SPACE:**

29 **(a) AN ELECTRICAL PANEL WITH SUFFICIENT CAPACITY AND**
30 **SPACE TO SUPPORT A MINIMUM 240 VOLT/40 AMPS BRANCH CIRCUIT** [~~A~~
31 ~~dedicated electric line of sufficient voltage~~] for level 2 charging for at least one vehicle at
32 the garage, carport, parking pad or on lot parking area;

33 **(b) THE INSTALLATION OF RACEWAYS TO SUPPORT** An electric
34 **vehicle charging outlet TERMINATING AT A JUNCTION BOX AT THE**
35 **PARKING SPACE** [~~capable of providing level 2 or higher charging at the garage,~~
36 ~~carport, parking pad or on lot parking area~~]; and

37 **(c) [A] PERMANENT AND VISIBLE LABELS STATING “RESERVED**
38 **FOR EV-RACEWAY” AT THE SERVICE PANEL AND “RESERVED FOR EV**
39 **CHARGING OUTLET” AT THE TERMINATION POINT OR JUNCTION BOX**

EXPLANATION:

BOLD CAPITALS INDICATE MATTER ADDED TO THE BILL.

[Brackets and ~~strikethrough~~] indicate matter deleted from the bill.

1 AT THE PARKING SPACE [label identifying the intended use of the electric vehicle
2 charging outlet].

3
4 **(2) FOR EACH NEW RESIDENTIAL DWELLING UNIT CONSTRUCTION**
5 **SUBJECT TO THIS SECTION, THE BUILDER OR THE BUILDER'S AGENT SHALL**
6 **PROVIDE THE PURCHASER WITH THE OPTION TO INSTALL THE**
7 **APPROPRIATE WIRING WITHIN THE RACEWAY INFRASTRUCTURE REQUIRED**
8 **UNDER (C)(1), AS WELL AS AN ELECTRICAL CIRCUIT BREAKER AND OUTLET.**
9 **IF THE PURCHASER DECLINES THIS OPTION, THE BUILDER OR BUILDER'S**
10 **AGENT MUST SECURE WRITTEN CONFIRMATION FROM THE PURCHASER**
11 **PRIOR TO SETTLEMENT.**

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EXPLANATION:

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