



**DIVISION OF PLANNING AND PERMITTING
FREDERICK COUNTY, MARYLAND**
Department of Permits and Inspections

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Memorandum
Electric Vehicle Charging Infrastructure Requirements

To: Licensed Home Builders and Contractors

From: Ashlye Bonomo, Assistant Director, Department of Permits and Inspections *AB*

Through: Gary Hessong, Deputy Director, Division of Planning and Permitting *GH*

Date: September 6, 2023

RE: Electric Vehicle Charger Requirements for Single Family Dwellings, Townhouses and Duplexes

Effective October 1, 2023, House Bill 830, requires the installation of electric vehicle charging equipment during the construction of certain housing units. This applies to the construction of housing units that include a separate garage, carport or driveway for each residential unit.

The construction of a new housing unit shall include in or on the garage, carport, or driveway:

- I. One EV-READY PARKING SPACE as defined below; OR
- II. One EVSE-INSTALLED PARKING SPACE capable of providing at least LEVEL 2 CHARGING as defined below.

“EV-READY PARKING SPACE” means a dedicated parking space that has an electrical panel capacity and full circuit installation of a minimum 40 Ampere circuit, Raceway Wiring (Minimum $\frac{3}{4}$ ” Raceway), a NEMA 14-50R receptacle, and overcurrent protection device.

“EVSE-INSTALLED PARKING SPACE” means a parking space with electric vehicle supply equipment that is fully installed from the electrical panel to the parking space.

“LEVEL 2 CHARGING” means that the charging capability of the electric vehicle supply equipment: Includes the ability to charge a battery or any other energy storage device in an electric vehicle through means of an alternating current electrical service with a minimum of 208 volts and meets applicable industry safety standards.

“HOUSING UNITS” means: Single family detached houses; duplexes; and town houses that are subject to the provisions of the International Residential Code. “HOUSING UNITS” does not include multifamily residential buildings that are subject to the provisions of the International Building Code.