



**DIVISION OF PLANNING AND PERMITTING
FREDERICK COUNTY, MARYLAND**

Department of Permits and Inspections

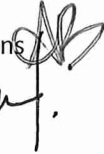
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Memorandum

Electric Vehicle Charging Infrastructure Requirements

To: Licensed Home Builders and Contractors

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

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

Date: July 1, 2022

Amended*: September 15, 2022

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

Effective July 1, 2022, County Bill No. 22-01 requires most newly constructed single family dwellings (SFD), townhouses (TH) and duplexes to be installed with electric vehicle charging infrastructure. This requirement applies to most new SFD, TH and duplexes with an on-lot parking area* that have permits issued on or after July 1, 2022. Dwellings currently under construction that had permits issued prior to July 1, 2022 are not required to comply with this new regulation. The following housing types are excluded from the requirements:

- Manufactured homes (mobile homes)
- Industrialized dwellings (modular homes)
- New dwellings that do not have a public utility electric service connection

For each new SFD, TH or Duplex subject to the requirements, the following electric vehicle infrastructure and components are required:

- An available (open) 240V, 40A (min.) breaker space for level 2 charging, be reserved within the electric panel box for the future installation of this circuit
- A raceway or chase (accessible path) from the panel box to the proposed location of the charging station. This could include the installation of conduit or a wiring chase as needed for the fishing of future electric wiring for this circuit.
- A terminal junction point or junction box at the proposed charging location

Charging stations shall be included at a minimum at one of the following locations:

- Integral garages
- Attached garages
- A designated exterior vehicle parking area
- A detached garage associated with the construction of the primary dwelling

A dedicated panel breaker, raceway, and terminal junction box shall be labelled with the following language with visible and permanent affixed labels. At the service panel location – “RESERVED FOR EV-RACEWAY”. At the termination point or junction box – “RESERVED FOR CHARGING OUTLET”.