



HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS


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Date: January 7, 2019
To: Home Builders and Staff 
From: Donald L. Mock, P.E., Plan Review Chief
Subject: CB76-2018 Electric Vehicle Charging Station Requirements for New Residential Construction

Effective January 11, 2019, Howard County will require all new one and two-family dwellings, that have a garage, carport, or driveway, to have electrical wiring in place for a Level 2 or higher electric vehicle charging station. This will apply to all permits applied for on or after the effective date. The wiring and circuit is all that is required to be placed. It will be the homeowner's responsibility to install the charging station when they determine they have a need for one. The Department of Inspections, Licenses and Permits (DILP) does not currently perform plan review for electrical drawings on one- and two-family dwellings therefore, it will be the builders' responsibility to install this circuit and will then be verified in the field by an electrical inspector.

This new law will also require all R1 and R2 occupancies, as well as any R3 occupancy that does not have individual on-site parking but has a shared parking area, to install one Level 2 charging station for every 25 residential units. This information will be verified by DILP plan review personnel as part of the site development plan (SDP) review and approval process. At least one parking space for the charging station must be configured to be accessible, but is not required to be reserved as an accessible parking space in accordance with the current Maryland Accessibility Code.

Please let me know if you have any questions, I can be reached at 410-313-3948.

Copy: Robert J Frances, P.E., Director
Tom Huskins, Chief of Inspections & Enforcement Division
Steven Reynold, Chief Electrical Inspector