

BUILDING AND SAFETY SERVICES DIVISION
2600 FRESNO STREET • THIRD FLOOR • ROOM 3043
FRESNO, CALIFORNIA 93721-3604
(559) 621-8082 • FAX (559) 498-4357
www.fresno.gov

JENNIFER K. CLARK
DEPARTMENT DIRECTOR

BUILDING INDUSTRY BULLETIN

EFFECTIVE DATE: *July 1, 2015*

TO: *ARCHITECTS, ENGINEERS, GENERAL CONTRACTORS, and ASSOCIATIONS*

SUBJECT: **ELECTRICAL VEHICLE CHARGING FOR NEW CONSTRUCTION**

BULLETIN NUMBER: **15-02**

FROM:



Brian T. Leong, C.B.O.
Building Official/Building and Safety Services Manager

BACKGROUND:

This Industry Bulletin is provided to clarify the City's policy with respect to enforcement of the amendments to the 2013 California Green Building Standards Code (CALGreen) for Electrical Vehicle Charging in new construction. These amendments will become effective July 1, 2015 as mandated by the California Building Standards Commission and the Department of Housing and Community Development.

MANDATORY MEASURES:

For both Residential and Non-residential projects, the following minimum requirements shall apply to facilitate future installation of Electrical Vehicle (EV) charging in new construction. All Electrical Vehicle Supply Equipment (EVSE) shall be installed in accordance with the 2013 California Electrical Code.

- Install a listed raceway to accommodate a dedicated 208/240 volt branch circuit of not less than nominal 1" inside diameter
- The raceway shall originate at the main service or sub panel and shall terminate in a listed cabinet, box or enclosure in close proximity to the proposed location of the EV charger. Raceways are required to be continuous at enclosed, inaccessible or concealed areas and spaces. The raceway termination location shall be permanently and visibly marked as "EV CAPABLE".

- The service panel and/or subpanel shall provide capacity to install a 40-amp minimum dedicated branch circuit and space(s) reserved to permit installation of a branch circuit overcurrent protective device. The service panel or subpanel shall identify the overcurrent protective device space(s) reserved for future EV charging as “EV CAPABLE”

For other specific requirements as applicable to New one and two-family dwellings and townhouses with attached private garages, refer to section 4.106.4.1 of the 2013 California Green Building Standards (CALGreen).

For other specific requirements as applicable to New multifamily dwellings, refer to section 4.106.4.2 of the 2013 California Green Building Standards (CALGreen).

For other specific requirements as applicable to New non-residential (commercial) projects, refer to section 5.106.5.3 of the 2013 California Green Building Standards (CALGreen).

POLICY:

All permit applications and plan check submittals must be accepted by June 30, 2015 to be considered exempt and not subject to the “EV” requirements listed in this bulletin. Permit applications and plan check submittals after July 1, 2015 shall be subject to these requirements.

Plan checks must be completed to the satisfaction of the Building Official. After completion of plan review, all required construction permits must be obtained within 180 days. No extensions of the plan review will be granted by the Building Official due to the effective change in State code standards.

EXISTING STANDARD PLANS:

All current developers with approved Residential Standard Plans shall provide the following to document compliance to the EV requirements (no plan check submittal is required):

- 8½”x11” floor plan showing the proposed location of the EV Charging Station
- Notes on the reduced floor plan specifying the Mandatory Measures listed above
- Floor plan w/notes shall be provided for each City approved Standard Plan currently utilized by the developer.