CITY OF GROVER BEACH
COMMUNITY DEVELOPMENT DEPARTMENT
Electric Vehicle Charging Station Checklist

The following list includes all requirements that must be met to qualify for the "Expedited Electric Vehicle Charging Station Review" process. A copy of this list will be used to check your application for completeness after it is submitted. If your application is not complete, a list of corrections will be returned to you. **Any omissions or erroneous information could delay the processing of your application.**

- ☐ Completed Building Permit Application form.
- ☐ Payment of permit fees as established by the master fee schedule.
- ☐ Three (3) sets of project plans, legible and drawn to scale.

General Requirements:

- ☐ Electric vehicle supply equipment (EVSE) shall comply with applicable sections of the California Electric Code (CEC) and National Electrical Code (NEC); including Article 625.
- ☐ EVSE meets UL requirements and is listed by UL or another nationally recognized testing laboratory.
- ☐ EVSE has an appropriate NEMA rated enclosure (NEC 110.28) and the wiring method complies with NEC 625.9(A) through (F).
- ☐ Verify the level or charger meets customer's PEV requirements; most vehicles require the maximum of a 240V/32A (40A breaker).
- ☐ Based on proposed EVSE location, determine if cord length will reach a vehicle's charging inlet without excessive slack and does not need to be more than 25' in length (NEC 625.17).
- ☐ Ensure functionality of lighting in the garage to meet NEC code 210-70.
- ☐ Install wall or pole-mount stations and enclosures at a height between 36" and 48". Verify the connector at a height between 36" and 48" from the ground (NEC 625.29) unless otherwise indicated by the manufacturer.
- ☐ Ensure sufficient space exists around electrical equipment for safe operation and maintenance (NEC 110.26); recommended space is 30" wide, 3' deep and 6'6" high.
- ☐ Equipment operating above 50 volts must be protected against physical damage (NEC 110.27); ensure the vehicle is out of the line of vehicle travel and use wheel stops or other protective measures.
- ☐ EVSE must be located such that ADA routes maintain a pathway of 36" at all times.
- ☐ EVSE must meet requirements for installation sites and types of wiring per Chapter 3 of the NEC. Conductors should be sized to support 125% of the rated equipment load (NEC 625.21)

Design and Installation Requirements

- ☐ All EVSE design and installation are in conformance with the criteria contained within the latest version of the "Plug-In Electrical Vehicle Infrastructure Permitting Checklist" of the "Zero-Emission Vehicles in California: Community Readiness Guidebook" published by the Governor's Office of Planning and Research.