



# City of Whittier

**COMMUNITY DEVELOPMENT**  
13230 Penn Street, Whittier, California 90602-1716  
(562) 567-9320 Fax (562) 567-2872 www.cityofwhittier.org

## EV Charger Application

ALL EV CHARGER PERMITS WILL BE ISSUED TO HOME OWNER OR ELECTRICAL CONTRACTOR WITH A CLASSIFICATION OF "C-10" ONLY. CONTRACTOR SHALL POSSESS VALID STATE LICENSE AND CURRENT WORKERS COMPENSATION AT THE TIME OF PERMIT APPLICATION. UPLOAD DECLARATIONS WITH **RECORD NUMBER** ONCE APPLICATION HAS BEEN SUBMITTED.

EVERYTHING IN **RED** IS REQUIRED BEFORE SUBMISSION

<b>Date:</b>	<b>Job Address (Street#, Street Name, Unit#, Zip Code):</b>	<b>Single Family Dwelling</b>	<b>Multifamily Dwelling</b>
		<b>Pick One:</b>	
<b>Property Owner's Name</b>	<b>Contractor's Name Contractor's</b>	<b>Applicant's Name</b>	
<b>Property Owner's Phone:</b>	<b>Phone Number Contractor's</b>	<b>Applicant's Phone Number:</b>	
<b>Property Owners Email</b>	<b>Email</b>	<b>Applicant's Email</b>	
<b>Owner Address: #/St/Zip</b>	<b>Contractor Address: #/St/City/Zip</b>	<b>Contractor's State License No:</b>	

**Description of Work:**

### EV CHARGER CHECKLIST

#### **Purpose**

The purpose of this guideline is to assist permit applicants in streamlining the permitting and inspection process for Residential Single Family EV Chargers.

**Site Plan**

Provide two copies of the job-specific site plan showing:

- The location of the building and street name
- All EV receptacle location(s), conduit type / size, wire type / size, conductors, equipment ground size, and existing or proposed electric meter location
- Reference, on the site plan, 2022 CBC/CRC/CEC/CENC.

2023 LOS ANGELES COUNTY FIRE CODE

**Manufacturer's Specifications**

Provide two copies of the manufacturer's charger specifications. These specifications will show requirements and data for the EV charger being installed as well as a listing agency approval.

**OR**

**Optional Electrical Service Load Calculation Form**

Provide two copies of our Electrical Service Calculation Form. Follow steps one (1) thru nine (9) to figure out the minimum amperage needed for your main electric meter.



## Sample Site Plan

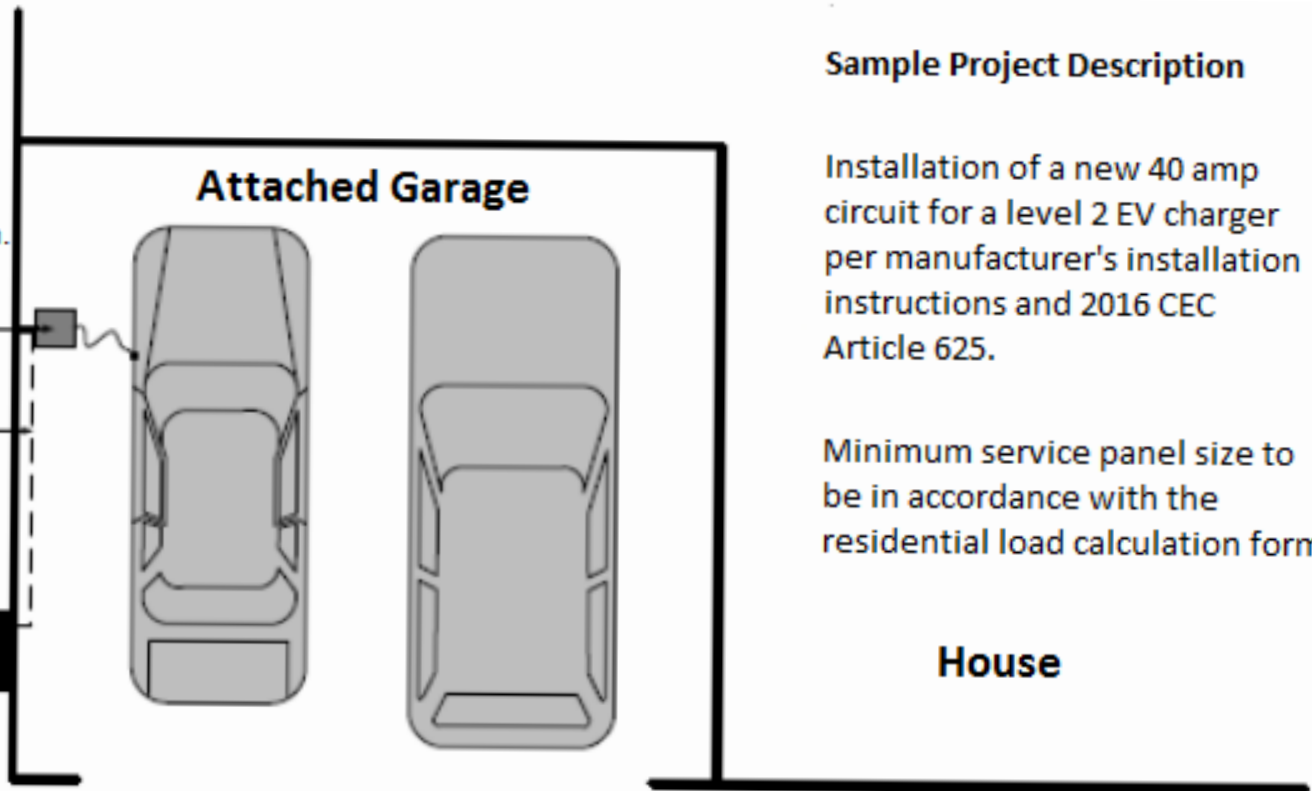
### Sample Electrical Requirements

Vehicle batteries listed as suitable for charging indoors without ventilation.

*New 40 amp rated level 2 EV Charger*

*New 3/4" EMT conduit with #8 THHN c.u. and #10 THHN c.u. ground*

*New 40 amp circuit breaker installed in the existing 200 amp electric meter panel*



### Sample Project Description

Installation of a new 40 amp circuit for a level 2 EV charger per manufacturer's installation instructions and 2016 CEC Article 625.

Minimum service panel size to be in accordance with the residential load calculation form.

**House**