



A nice place to live.

**Electric Vehicle Supply Equipment (EVSE) SPECIFICATIONS, REQUIREMENTS and GUIDELINES**

ADDRESS: \_\_\_\_\_

**AII WORK AND PLANS SHALL COMPLY WITH THE MOST CURRENT CITY OF DARIEN ADPOTED CODES/AMENDEMENTS AND MANUFACTURER SPECIFICATIONS (2021 IRC, 2021 IBC, 2020 NEC).**

**SUBMIT THE FOLLOWING (*staff*to verify required submittal documents indicated below):**

- Building Permit Application that is filled out and signed by contractor (Level 2 and 3 Only)
- MINIMUM OF TWO (2) SETS OF THE BELOW DOCUMENTS:
  - Contractor proposal (aka "cost estimate"), if utilizing a contractor
  - Electric Vehicle Supply Equipment (EVSE) Manufacturer's Installation Guide
  - Electric Vehicle Supply Equipment (EVSE) Specification Sheet that is filled out and signed by contractor
  - Provide a Load Calculation Sheet
  - Electrical Diagram

**ELECTRIC VEHICLE SUPPLY EQUIPMENT (EVSE) SPECIFICATIONS**

**Charging Level**

- Level 1 (120V)
- Level 2 (240V)
- Level 3 (480V)

**Mounting Type**

- Wall Mount
- Pole Pedestal Mount
- Other \_\_\_\_\_

Max. Rating (Nameplate) \_\_\_\_\_ kW  
 Voltage \_\_\_\_\_ V  
 Manufacturer: \_\_\_\_\_

**SERVICE PANEL SPECIFICATIONS**

**System Voltage**

- 120/240V, 1 Phase, 3W
- 120/208V, 3 Phase, 4W
- 120/240V, 3 Phase, 4W
- 277/480V, 3 Phase, 4W
- Other \_\_\_\_\_

**System Rating**

Existing Main Electrical Service Equipment Rating \_\_\_\_\_ Amps  
 Panel Rating Supplying EVSE (if using a sub-panel) \_\_\_\_\_ Amps  
 Circuit Rating for EVSE: \_\_\_\_\_ Amps / \_\_\_\_\_ Poles  
 For Commercial, indicate AIC Rating of EVSE Circuit Breaker (400A) \_\_\_\_\_ AIC

**CONNECTIONS**

EVSE Maximum Continuous Output \_\_\_\_\_ Amps X 1.25 = \_\_\_\_\_ Amps (required breaker size)  
 Minimum Gauge of EVSE Conductor # \_\_\_\_\_ AWG (required wire size)  
 Accessible Service Disconnect (NEC 625.23) \_\_\_\_\_ YES \_\_\_\_\_ N/A (required at 60 amps or per manufacturer's specs)  
 Conduit Size \_\_\_\_\_ Number of Conductors \_\_\_\_\_ Gauge of Ground Conductor # \_\_\_\_\_ AWG\

**YOUR SIGNATURE BELOW ATTESTS THAT THE INFORMATION PROVIDED IS CORRECT AND COMPLIES WITH CITY ADOPTED CODES/AMENDMENTS AND MANUFACTURER SPECIFICATIONS.**

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Date