

SITE ASSESSMENT

Site Name: Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Address:

Contact Name:

Phone: Email: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Latitude: Longitude:

Utility Provider:

Contact Name:

Phone: Email: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Permitting Authority:

Contact Name:

Phone: Email: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Proposed EVSE Charger: Amperage: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Voltage: Breaker Size \_\_\_\_\_\_\_\_\_\_\_ per port

* Single or Double charger port?
* Wall or Pedestal mount?
* Communications: Ethernet or Cellular?
* EVSE Network is: (write N/A if applicable)
* Cellular Strength:
RSRP: (ideal -80 dBm to -90 dBm)
RSRQ: (ideal -10 dBm to -15 dBm)
RSSI: (ideal -65 dBm to -75 dBm)
SINR: (ideal 13 dBm to 20 dBm)
* Location of EVSE charger(s)? (e.g. Garage NE Corner, visitor parking, etc.)

(describe)

**INSTALLATION PLANNING**

* Acquire “As-Built” drawings if available
* Gather information for design and layout of EVSE installation
* Based on cellular reception, is a cellular repeater required?
* Distance from main panel/Feeder to charger location? (long runs may induce voltage drop)
* Routing of approved wiring method, outside and inside facility
* Location of feeder panels
* Determine possible supply points
* Gather information for load calculation
* A licensed electrician must perform all necessary load calculations to determine if the sites electrical infrastructure is adequate
* If installing non-breaker model chargers, consider also installing a disconnect next to the charger.
* When will the charging station be used, adequate lighting and security?
* Weather considerations, water drainage
* ADA requirements and compliance
* Signage and visibility.
* Parking bollards required?
* Sidewalk considerations
* Add photographs of proposed install location(s), main electrical panel etc.