

Attachment 3



Technical Assessment Report

Date

Project Number

Site/Company Name

Customer Contact Name

Executive Summary of Customers Desired EVSE Project

- Objectives of installing EVSE
- Short and long term utilization plan of a EVSE project
- Desired scope, including number of EVSE ports
- General site and building configuration

Electricity Utilization Assessment

- Current facility electricity usage (summer, winter, and daily peak)
- Current facility rate
- Expected EV load profile
- Load control options, and opportunities to minimize electricity costs
- Solar or battery storage considerations

Equipment Assessment

- EVSE equipment selection
 - Power level
 - Network services
 - Software data subscriptions
- Other equipment requirements or upgrades
 - Transformer
 - Meter panel
 - Breaker panel

Site Design Assessment

- EV stall layout
- EVSE mounting
- ADA requirements
- Conduit and/or trenching route
- Conductor sizing

Attachments

1. Preliminary site layout plan
2. Project installation cost estimate (rough order of magnitude, ROM)

Initial Site Assessment: Preliminary Design



Application Number: (job number)
Property/Company Name: (project name)
Address: (address)

(date)



ALTA VISTA SHOPPING

1234 ALTA VISTA RD 2

SITE ASSESSMENT

SCALE: 1" = 40'










PROJECT SUMMARY

THE PROJECT INCLUDES THE LOCATION OF ONE (1) EV STALL GROUPING AREA CONSISTING OF (5) STANDARD STALLS & (2) ADA STALLS. THE STALLS ARE LOCATED IN THE EAST SIDE OF THE PROJECT SITE. THE EV STALLS WILL BE SERVICED FROM THE EXISTING BUILDING METER PANEL AS DETAILED IN SITE LAYOUT HEREIN.

1. TOTAL PROPOSED EV STALLS = X
 - A. STANDARD STALL = X
 - B. STANDARD ADA STALL = X
 - C. VAN ADA STALL = X
 - D. AMBULATORY STALL = 0
 - E. TOTAL EXISTING STALL REMOVED = X
2. TOTAL EV CHARGING STATIONS = X
 - A. DUAL NOZZLE (PEDESTAL OR WALL MOUNT) = X
 - B. SINGLE NOZZLE (PEDESTAL OR WALL MOUNT) = X
3. ELECTRICAL EQUIPMENT TO BE INSTALLED:
 - A. INSTALL NEW METER
4. TOTAL LENGTH OF TRENCH / CONDUIT
 - A. LENGTH OF ABOVE GROUND CONDUIT TO EV UNITS= XXX FT
 - B. LENGTH OF TRENCHING TO EV UNITS= XXX FT
5. SITE WORK IMPACTS INCLUDE:
 - A. REMOVAL & REPLACEMENT OF EXISTING CURB, PAVEMENT
 - B. IMPACTS TO EXISTING UTILITIES TO BE VERIFIED DURING FIN
 - C. IMPACTS TO TREE ROOTS, TREE HEALTH AND POTENTIAL TR

LEGEND

-  EV STANDARD PARKING STALL
-  EV ADA PARKING STALL
-  SINGLE NOZZLE CHARGER
-  DUAL NOZZLE CHARGER
-  NEW ELECTRICAL CONDUIT & TRENCH LINE
-  EXISTING TRANSFORMER
-  BUILDING METER PANEL

SITE CONSTRAINTS

SITE CONSTRAINTS DURING CONSTRUCTION INCLUDE:

1. VEHICLE TRAFFIC WILL BE INTERMITTENTLY CONSTRAINED TO ONE LANE DURING INSTALLATION OF CONDUIT.
2. ACCESS TO PARKING STALLS AND SIDEWALK ALONG CONDUIT LINE TO BE INTERMITTENTLY INACCESSIBLE DURING CONSTRUCTION.



PRELIMINARY COST ESTIMATE TOOL

PROJECT MANAGEMENT PLAN



Preliminary Cost Estimate

Project Name:	Enter Project Name		Enter Information	
Project Address	Enter Project Address		1. Address - Determines if site in DAC	
	Enter Project City	Enter Zip Code		
Project Summary				
No. of EVSE Ports				
No. of ADA Stalls				
Solar System Size (KW)				
Battery Storage (KW)				
Preliminary Cost Summary				
Item No.	Item Description		Total	
	EVSE Design and Permitting	0 \$	-	
	EVSE Construction	0 \$	-	
	EVSE Equipment	0 \$	-	
	EVSE Contingency	\$	-	
	Solar Design and Permitting	0 \$	-	
	Solar Construction	0 \$	-	
	Solar Equipment	0 \$	-	
	Solar Contingency	\$	-	
	EVSE Subtotal	\$	-	
	Solar Subtotal	\$	-	
Preliminary Cost Estimate Total		\$	-	
	EVSE Cost per Nozzle		#DIV/0!	
	Solar Cost per kW		#DIV/0!	