SCAG EV CHARGER SITE ASSESSMENT - CITY OF _____

SITE NAME - ADDRESS

DETAILED LAYOUT WITH LEGEND CALL-OUTS

N

PROJECT SUMMARY	
SITE TYPE / OWNERSHIP	_____ / _____
RECOMMENDED SCOPE	(_) LEVEL _ CHARGE PORTS
ESTIMATED PROJECT COST	$_____
AMMENITIES	_____

AREA MAP WITH PROJECT SITE IDENTIFIED

LEGEND

- STANDARD EV CHARING STALL, 9' TYP
- VAN ACCESSIBLE EV CHARGING STALL, 12'X18' TYP
- STANDARD ACCESSIBLE EV CHARGING STALL, 12'X18' TYP
- ACCESS AISLE, 5' WIDE TYP
- EXISTING ACCESS AISLE
- CONCRETE EQUIPMENT PAD, METERED ELECTRICAL SERVICE SWITCHBOARD, TRANSFORMATION, AND DISTRIBUTION
- SINGLE PORT LEVEL 2 EV CHARGING STATION
- DUAL PORT LEVEL 2 EV CHARGING STATION
- PROTECTIVE BOLLARD, 4" DIAMETER STEEL TYP
- UTILITY SERVICE CONDUITS
- POWER SOURCE
- PROPOSED PATH OF TRAVEL

SCAG EV CHARGER SITE ASSESSMENT - CITY OF _____

SITE NAME - ADDRESS

SHEET: 2 OF 2

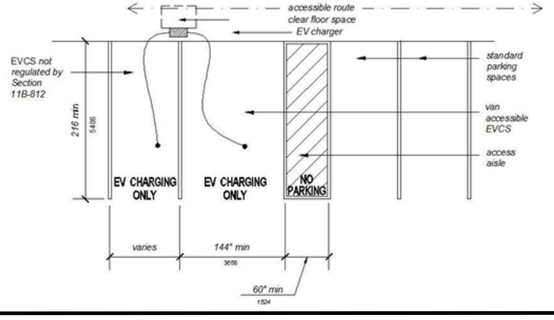
SITE DETAILS		
SCAG CITY		
SITE NAME / IDENTIFIER		
ADDRESS	STREET	
	CITY, STATE, ZIP	
HOURS OF OPERATION	MON - FRI	
	SAT - SUN	
CONTACT INFORMATION		
LAND USE OR BUSINESS TYPE		
PARKING CONFIGURATION		
EXISTING PARKING SPACES		
ELECTRICAL UTILITY		
DAC	TOP QUARTILE	

CHARGER DESIGN DETAILS		
EVSE/CHARGE PORTS PROPOSED:	EVSE	
	PORTS	
EVSE TYPE		
MAX POWER REQUIREMENT		
ADA CHARGING STALL REQUIREMENT	VAN ACCESSIBLE	
	STD. ACCESSIBLE	
	AMBULATORY	
PLANNING-LEVEL COST ESTIMATE	**TOTAL**	
	TRENCHING/ CIVIL	
	ELECTRICAL	
	EV CHARGERS	
SITE DESCRIPTION / DEFINING CHARACTERISTICS		

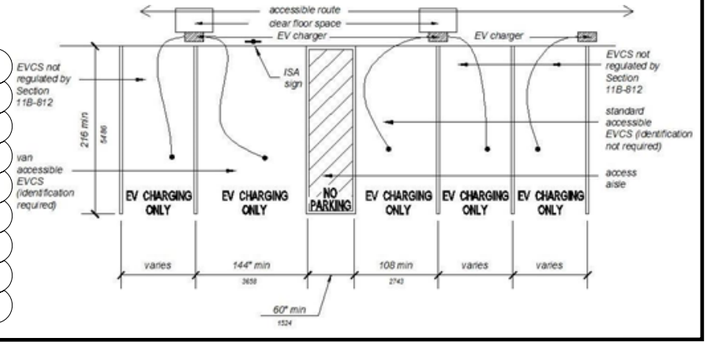
QUALIFICATIONS				
CRITERIA	**DETAIL**	**YES**	**NO**	**TBD**
PROXIMITY TO UTILITY POWER SOURCE	<150 FT FROM UTILITY TO METER?			
SPACE AVAILABLE FOR ELECTRICAL INFRASTRUCTURE	METER/ MAIN DISTRIBUTION, STEP-DOWN TRANSFORMER			
CAN THE SITE ACCEPT THE QUANTITY OF PROPOSED CHARGERS?	PER CALGREEN TABLES 4.106.4.3.1 OR 5.106.5.3.3			
DO EVSE ADA ACCESSIBLY REQUIREMENTS APPLY PER 11B?	ARE CHARGERS PUBLICALLY ACCESSIBLE AND NON-RESERVED?			
NEARBY ACCESSIBLE STALLS OR PATH OF TRAVEL				
IS PARKING AREA PAVED?				
IS PARKING AREA LEVEL?	<2% SLOPE IN ALL DIRECTIONS?			
DOES THE PROPOSED QUANTITY OF CHARGE PORTS MEET THE MINIMUM REQUIREMENT FOR SCE CHARGE READY CRITERIA	4 LEVEL 2 PORTS / PROJECT OR 2 LEVEL 3 PORTS / PROJECT?			
IS THE PROJECT LOCATED IN AN AREA TO MAXIMIZE VISIBILITY?	VISIBLE FROM SURROUNDING STREETS?			
IS THERE EASY INGRESS/EGRESS FROM TRAFFIC?				
IS LIGHTING AVAILABLE AFTER DARK TO CREATE A SAFE ENVIRONMENT?				
ARE THERE NEARBY SERVICES/ AMMENITIES?	RESTROOM, SHOPPING, RECREATION?			

EV CHARGING STATION CONFIGURATION SAMPLES WITH ACCESSIBLE STALLS

EV CHARGERS WITH (1) VAN ACCESSIBLE STALL



EV CHARGERS WITH (1) VAN ACCESSIBLE AND (1) STANDARD ACCESSIBLE STALL



DETERMINATION OF QTY. OF EV CHARGE PORTS

THE RECOMMNEDED QUANTITY OF CHARGER PORTS IS BASED ON THE 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE:

"The number of required EV spaces shall be based on the total number of parking spaces provided for all types of parking facilities in accordance with Tables 5.106.5.3.3 (Non-Residential) or 4.106.4.3.1 (Residential). Calculations for required number of EV spaces shall be rounded up to the nearest whole number."

NON-RESIDENTIAL MANDATORY *TABLE 5.106.5.3.3*	
TOTAL # OF PARKING SPACES	**# OF REQUIRED EV CHARGING SPACES**
0-9	0
10-25	2
26-50	4
51-75	7
76-100	9
101-150	13
151-200	18
201+	10% OF TOTAL

RESIDENTIAL MANDATORY MEASURES *TABLE 4.106.4.3.1*	
TOTAL # OF PARKING SPACES	**# OF REQUIRED EV CHARGING SPACES**
0-9	0
10-25	1
26-50	2
51-75	4
76-100	5
101-150	7
151-200	10
201+	6% OF TOTAL

DETERMINATION OF QTY. OF DC FAST PORTS

WHEN DC FAST CHARGE PORTS ARE PROPOSED, ONE (1) DC FAST CHARGE PORT WILL SUPPLEMENT FIVE (5) LEVEL 2 CHARGE PORTS AS IDENTIFIED IN TABLES 5.106.5.3.3 AND 4.106.4.3.1, PER THE 2022 CALIFORNIA GREEN BUILDING CODE

DETERMINATION OF QTY. AND TYPE OF ACCESSIBLE CHARGERS

THE REQUIRED QUANTITY AND TYPE OF ACCESSIBLE CHARGING SPACES IS BASED ON THE CALIFORNIA BUILDING CODE SECTION 11B-812

TOTAL # OF EVCS AT A FACILITY	MINIMUM # (BY TYPE) OF EVCS REQUIRED TO COMPLY WITH SECTION 11B-812		
	VAN ACCESSIBLE	**STANDARD**	**AMBULATORY**
1 TO 4	1	0	0
5 TO 25	1	1	0
26 TO 50	1	1	1
51 TO 75	1	2	2
76 TO 100	1	3	3
101+	1, PLUS 1 FOR EACH 300, OR FRACTION THEREOF, >100	3, PLUS 1 FOR EACH 60, OR FRACTION THEREOF, >100	3, PLUS 1 FOR EACH 50, OR FRACTION THEREOF, >100