



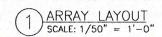
LATITUDE: 34.1662611* LONGITUDE: -118.271282'



UNPOW S ENGINEER'S STAMP DISTRI RMR SCHOOL HIGH HELIX CARPORT & ARRAY LAYOUT GLENDALE UNIFIED S(
HOOVER I
651 GLENWOOD ROAD
GLENDALE, CA 91202

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H4 HARBOUR WAY SOU. CHMOND. CA 94804 U (510) 540-0550



NOTES:

- 1. 110 MPH WIND ZONE (ASCE 7-10) CATEGORY II, EXPOSURE C 2. CORROSION RATE: [0.7um/yr],[C2: 50%, C3: 99%]

- METER #TBD
 ARRAY SHOWN ON AERIAL IMAGE
 ARRAY MOUNTING STRUCTURE HELIX CARPORT
 MINIMUM VERTICAL CLEARANCE: 10' PROVIDED FOR STANDARD VEHICLES
 BUILDING CODE REQUIRES 20' MIN. CLEARANCE FROM EXISTING BUILDINGS
- 9. FIRE DEPARTMENT REQUIRES 20' MIN. CLEARANCE ALONG EMERGENCY ACCESS ROUTES
 9. THIS DESIGN ASSUMES THAT SITE PREPARATION WILL BE COMPLETED AS REQUIRED TO MEET ALL TOLERANCES
 OF THE PROPOSED ARRAY, UNLESS NOTED OTHERWISE. THIS INCLUDES BUT IS NOT LIMITED TO TREE
 REMOVAL AND TREE TRIMMING.
- 10. ALL LIGHT POLES WITHIN ARRAY BOUNDARY, AND THOSE WHICH WILL SHADE THE ARRAY, NEED TO BE REMOVED PRIOR TO INSTALLATION. NEW LIGHTING TO BE PROVIDED ONLY UNDER THE CARPORT PER IES
- STANDARDS.

 11. ALL TREES WITHIN ARRAY BOUNDARY, AND THOSE WHICH WILL SHADE THE ARRAY, NEED TO BE REMOVED OR TRIMMED PRIOR TO INSTALLATION.

 12. REMOVAL OF PARKING SPACES MAY BE REQUIRED AT EQUIPMENT PAD LOCATION.

 13. DSA PROJECTS: REQUIRE ACCESSIBLE STALLS TO BE SHADED TO THE SAME PERCENTAGE AS REGULAR STALLS. ACCESSIBILITY UPGRADES AND RESTRIPING IS NOT INCLUDED IN THIS DESIGN.

						,	ARR	AY SUMMARY	TABLE								VISIONS	5 3	23-R4	NFORM	TRUCTION	
ARRAY/ ROOF	MOUNTING TYPE	PV UP	PV ACR S	#OF BLOCK	STRING	#OF PV	KWP	24KW INV. (70 MOD)	24KW INV. (60 MOD)	20KW INV. (40 MOD)	AZI	TILT	нт. (FT.)	#OF COL	LF	SF	REVIS		HEL	FI.	ADDED TREES TO	1 1
C1		4	50	1:	20	200	87.00			5		1	11	6	173.66	4732.235						
C2	PFT	6	50	1	30	300	130,50		5		13' 1	10"		6	173.66	7105.590	2	80409	80409	0080409	81146	
R1	RMR				10	120	52.20		2				18				DESIGN	9-0	0-0			
R2	KMK				76	910	395.85	1. 1.	14			11	38				7	-	4	_	_	
TOTAL			× 1 +		136	1530	665.55	1	21	5	- :			12	347	11838		1	UNITY			1212

PROPOSED SYSTEM SPECIFICATIONS:

LEGEND:

PROPOSED TREE REMOVAL

PROPOSED POINT OF INTERCONNECTION

PROPOSED AC RUN PROPOSED EQUIPMENT PAD HIGH EFF. (435W) MODULES

10 MODILES/STRING

TOTAL OF LIGHT POLES TO BE REMOVED: 1

NOTE: THE PROPOSED ARRAY LAYOUT SHOWN IS DESIGNED TO FIT EXISTING CONDITIONS AS THEY ARE DESCRIBED ON THIS DRAWING, kWP AND MODULE QUANTITY, TYPE AND LAYOUT ARE SUBJECT TO CHANGE BASED ON SUNPOWER VERIFICATION OF ACTUAL SITE CONDITIONS, AS WELL AS ON MODULE AVAILABILITY AT THE DATE OF ORDER.

DATE DRAWN DRAWN BY

07-25-16 RA

12/22/2016 5:27 PM