



- NOTES:**
- 110 MPH WIND ZONE (ASCE 7-10) CATEGORY II, EXPOSURE C
 - 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
 - FIRE DEPARTMENT REQUIRES 20' MIN. CLEARANCE ALONG EMERGENCY ACCESS ROUTES
 - 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.
 - 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.
 - ALL TREES WITHIN ARRAY BOUNDARY, AND THOSE WHICH WILL SHADE THE ARRAY, NEED TO BE REMOVED OR TRIMMED PRIOR TO INSTALLATION.
 - REMOVAL OF PARKING SPACES MAY BE REQUIRED AT EQUIPMENT PAD LOCATION.
 - 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.

1 ARRAY LAYOUT
SCALE: 1/50" = 1'-0"

- LEGEND:**
- X PROPOSED TREE REMOVAL
 - - - PROPOSED AC RUN
 - PROPOSED EQUIPMENT PAD
 - PROPOSED POINT OF INTERCONNECTION

ARRAY/ROOF	MOUNTING TYPE	PV UP	PV ACRS	#OF BLOCK	STRING	#OF PV	KWP	24KW INV.	20KW INV.	15KW INV.	AZI	TILT	HT. (FT.)	#OF COL	LF	SF			
C1	PFT	4	35	1	14	140	60.90	1	2		90°	10°		4	121.58	3313.060			
R1	RMR				18	220	95.70	3		1	0°	10°	25						
R2					18	220	95.70	3		1			38						
R3					30	360	156.60	6						30					
R4					5	60	26.10	1						25					
R5					10	120	52.20	2						30					
TOTAL					96	1120	487.20	16	2	2			4	121.58	3313.06				

PROPOSED SYSTEM SPECIFICATIONS:
RMR:
 HIGH EFF. (435W) MODULES
 10 MODULES/STRING
 TOTAL OF LIGHT POLES TO BE REMOVED: 0

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.

TIER 1

SUNPOWER

1414 HARBOUR WAY SOUTH
RICHMOND, CA 94804 USA
(510) 540-9580

ENGINEER'S STAMP

GLENDALE UNIFIED SCHOOL DISTRICT
GLENDALE HS
1440 E BROADWAY
GLENDALE, CA 91202

HELIX CARPORT & RMR
ARRAY LAYOUT

REV	DESIGN #	DATE	DESCRIPTION
A	D-000018	08-09-16 CP DU	PROPOSAL
B	D-000028	09-09-16 BA DU	NEW SITE INFORMATION
B	D-000079	09-29-16 CP DU	UPDATE SITE INFORMATION
C	D-008145	10-03-16 CP DU	ADD'L SITE INFORMATION
D		12-22-16 HC DU	

OPPORTUNITY: 0001212315

PROJECT:

DATE DRAWN: 08-09-16

DRAWN BY: CP

0 1/2" 1"

SHEET: 1

12/22/2016 5:25 PM

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