

VICINITY MAP

LATITUDE : 37°58'38.07"N  
 LONGITUDE: 121°59'28.36"W

LEGEND:

- 1) 288 MODULES      122.40 kWp  
 ARRAY AREA : 6,903.10 SQ.FT.
- 2) 480 MODULES      204.00 kWp  
 ARRAY AREA : 11,512.23 SQ.FT.
- 3) 330 MODULES      140.25 kWp  
 ARRAY AREA : 7,987.30 SQ.FT.
- 4) 72 MODULES      30.60 kWp  
 ARRAY AREA : 1,724.34 SQ.FT.



① ARRAY LAYOUT  
 SCALE: 1/64"=1'-0"

NOTES:

1. THIS DESIGN SITE ASSUMES PREPARED BY THE OWNER AS REQUIRED TO MEET ALL TOLERANCES OF THE PROPOSED CARPORT ARRAY
2. 85 MPH WIND ZONE, EXPOSURE C
3. ARRAY SHOWN ON AERIAL IMAGE
4. ALL TREES, LIGHT POLES WITHIN ARRAY BOUNDARY, AND THOSE WHICH WILL SHADE THE ARRAY, NEED TO BE REMOVED PRIOR TO INSTALLATION
5. ARRAY MOUNTING STRUCTURE TBD

PROPOSED SYSTEM SPECIFICATIONS:

497.25 kWp  
 (1,170) HIGH EFF. (425W) MODULES  
 6 MODULES/STRING, 195 STRINGS  
 AZIMUTH ANGLE: 21°  
 ARRAY AREA: 28,127 SF

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.

ENGINEER'S STAMP

MDUSD RFP  
 CONCORD HS

4200 CONCORD BLVD  
 CONCORD, CA 94521

FIXED TILT CARPORT  
 ARRAY LAYOUT

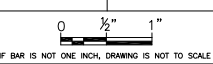
REV	DESIGN #	DESCRIPTION	DATE	DB	CB
A	D-0007424	PROPOSAL	8/19/10	JS	MB
B	D-0009880	SYSTEM SIZE CHANGED	10/28/10	JS	MB
C	D-0009880.1	CHANGED ARRAY SPACING	11/17/10	KH	JS
D	D-0009880.2	CHANGED TO 425W MODULES	12-08-10	AY	
E	-	ARRAY #4 RELOCATED	01/20/11	BM	RH

OPPORTUNITY      113468

PROJECT

DATE DRAWN      01/24/11

DRAWN BY      JS



SHEET  
 1