



VICINITY MAP:

LATITUDE: 38° 0'2.96"N
 LONGITUDE: 122° 1'46.97"W

LEGEND:

- 1) 360 MODULES 153.00 kWp
 ARRAY AREA : 8,633.77 SQ.FT.
- 2) 90 MODULES 38.25 kWp
 ARRAY AREA : 2,155.95 SQ.FT.



1 ARRAY LAYOUT
 SCALE: 1/32"=1'-0"

NOTES:

1. THIS DESIGN ASSUMES THAT THE SITE WILL BE PREPARED BY THE OWNER AS REQUIRED TO MEET ALL TOLERANCES OF THE PROPOSED ARRAY
2. 85 MPH WIND ZONE, EXPOSURE B
3. ARRAY SHOWN ON SITE PLAN PROVIDED BY CLIENT
4. ALL TREES 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:

191.25 kWp
 (450) HIGH EFF. (425W) MODULES
 6 MODULES/STRING, 75 STRINGS
 AZIMUTH ANGLE: -59°, 31°
 ARRAY AREA: 10,790 SQ. FT.

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
 SUN TERRACE ELEMENTARY
 2448 FLOYD LN.
 CONCORD, CA 94520
 FIXED TILT CARPORT
 ARRAY LAYOUT

REV	DESIGN #	DESCRIPTION	DATE	DB	CB
A	D-0010114	PROPOSAL	10-29-10	JS	ZZ
B	D-0010114.1	CHANGE TO 425W MODULES	12-07-10	AY	

OPPORTUNITY	113468
PROJECT	
DATE DRAWN	10-29-10
DRAWN BY	RC

