



VICINITY MAP:
 LATITUDE: 42.033012°
 LONGITUDE: -72.498933°

LEGEND:

- PROPOSED EQUIPMENT PAD
- PROPOSED POINT OF INTERCONNECTION
- AC CONDUITS (STEP UP XFMR-LBS)
- DC CONDUITS (CB-INV)
- EXISTING OVERHEAD RUN
- EXISTING UTILITY POLE

1 ARRAY LAYOUT
 SCALE: 1/96"=1'-0"

- NOTES:
- 111 MPH WIND ZONE (ASCE 7-10) CATEGORY I, EXPOSURE C
 - SNOWLOAD 35 PSF, ELEVATION 290'
 - ARRAY SHOWN ON : AERIAL IMAGE
 - FOUNDATION ARE DRIVEN POST WITH 8' EMBEDMENT
 - ALL TREES WITHIN ARRAY BOUNDARY NEED TO BE REMOVED PRIOR TO INSTALLATION
 - MAXIMUM PANEL HEIGHT FROM GRADE: 2FT

SOLAR SWITCHBOARD	BLOCK	# MODULE	#STRING	KW (DC)	18 INPUT CB (W/ 14STR)	18 INPUT CB (W/ 13STR)	18 INPUT CB (W/ 12STR)	SHP_150_US_20	KW (AC)	TILT (°)	GCR	CSI AZIMUTH (°)	SPWR AZIMUTH (°)	DC RUN (CB-INV)
SSB01	1	2820	94	1325.4	5		2	7	1050.00	25	0.50	180	0	175, 205, 260, 345, 400, 485, 540
	2	2010	67	944.7	3	1	1	5	750.00					320, 180, 125, 180, 265
	TOTAL	4830	161	2270.1	8	1	3	12	1800.00					

PROJECT SUMMARY

PROJECT SUMMARY	GFT
TOTAL # OF MODULE	4830
STRING LENGTH	30
MODULE TYPE	TSM-DEG15VC.20(II) 470
# OF SMA PEAK 3 INVERTER	12
DC SYSTEM SIZE (kW)	2270.10
AC SYSTEM SIZE (kW)	1800.00

TIER 1

SUNPOWER
 1414 HARBOUR WAY SOUTH
 RICHMOND, CA 94804 USA
 (510) 540-0550

ENGINEER'S STAMP

CONNECTICUT GREEN BANK
 OSBORN
 100 BILTON RD
 SOMERS, CT 06071

REV	DESIGN #	DESCRIPTION	DATE	DB	CB
A	D-0100068	PROPOSAL	02-12-20	DG	ES
B	D-0103848	NEW SITE INFORMATION	04-08-20	DG	ES
C	D-0104253	CHANGE IN INVERTER TYPE	05-06-20	DG	KO
D	D-0101779	CHANGE IN MODULE TYPE	03-12-21	MB	DW
E		CHANGE MODULE TYPE	04-28-21	MC	DW

OPPORTUNITY 0001930120
 PROJECT ---
 SHEET **AL1**