

SYSTEM SUMMARY	
DC SYSTEM SIZE	1,309.35 kW DC
AC SYSTEM SIZE	1,140.00 kW AC
AVG. DC/AC RATIO	1.15
TILT ANGLE	5°
SYSTEM AZIMUTH	188°
EQUIPMENT INFORMATION	
MODULE MAKE & MODEL	SUNPOWER SPR-E20-435-COM
MODULE STC RATING	435 W
MODULE QUANTITY	3,010
STRING SIZE	10
STRING QUANTITY	301
INVERTER MAKE & MODEL	SUNGROW SG60KU-M
INVERTER RATING	60 kW AC
INVERTER QUANTITY	18
RACKING MODEL	TBD
RACKING SYSTEM TYPE	CARPORT

- NOTES:**
- THIS IS AN ESTIMATED LAYOUT. THE FINAL LAYOUT WILL DEPEND ON A CURRENT PROPERTY SURVEY AND FIELD VERIFICATION AS WELL AS THE FINAL STRUCTURAL DRAWINGS.
 - PARKING LOT LIGHTING POLES WILL NEED TO BE REMOVED FOR THE CARPORT STRUCTURE AND NEW UNDER CANOPY LIGHTING WILL BE REQUIRED.

EAST CARPORT ARRAY
 (1,840) 435W MODULES
 (184) STRINGS
 (11) 60KW STRING INVERTERS
 (16 OR 17) STRINGS PER INVERTER

WEST CARPORT ARRAY
 (1,170) 435W MODULES
 (117) STRINGS
 (7) 60KW STRING INVERTERS
 (16 OR 17) STRINGS PER INVERTER

LEGEND

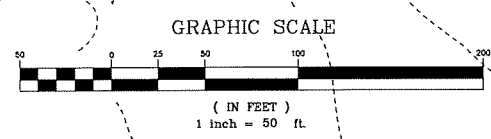
	IRRIGATION
	WATER VALVE
	WATER MAIN
	SEWER MAIN
	STORM SEWER
	UNDERGROUND ELECTRIC
	UNDERGROUND ELECTRIC FOR SOLAR
	MANHOLE
	CATCH BASIN
	HANDICAPPED PARKING
	STOP BAR
	PEDESTRIAN
	TRAFFIC FLOW MARKING
	LIGHT POLE

TABLE OF DRAWINGS

SHEET 1 OF 4	SITE PLAN
SHEET 2 OF 4	LANDSCAPING AND DETAILS
SHEET 3 OF 4	EROSION AND SEDIMENT CONTROL PLAN AND DETAIL
SHEET 4 OF 4	PHOTOMETRIC PLAN

PROPERTY LINE OFFSETS ADDED BY HERSHBERG & HERSHBERG 5/31/2019
 UTILITIES ADDED AND ROUTE OF UNDERGROUND AC FEEDER CHANGED
 REVISED 7/29/19
 REVISED 8/5/19
 REVISED 9/4/19

SITE PLAN SHOWING CAR PORT STRUCTURES WITH SOLAR PANELS AND LANDSCAPING



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 PROFESSIONAL ENGINEER
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PRELIMINARY - NOT RELEASED FOR CONSTRUCTION

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NO.	DATE	DESCRIPTION
0	02/15/19	ISSUED FOR INTERCONNECTION
1	08/08/19	REVISED PER UPDATED SITE PLAN

PROJECT#: 18-00-002

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 DANIEL R. HERSHBERG
 LICENSED PROFESSIONAL ENGINEER - CIVIL
 444226

DATE: 02/15/19
 DRAWN BY: EG
 CHECKED BY: KL

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