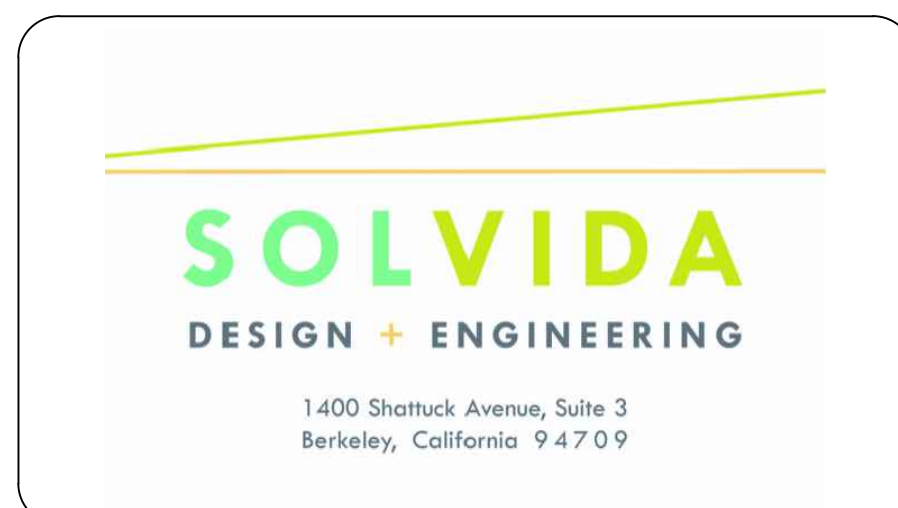
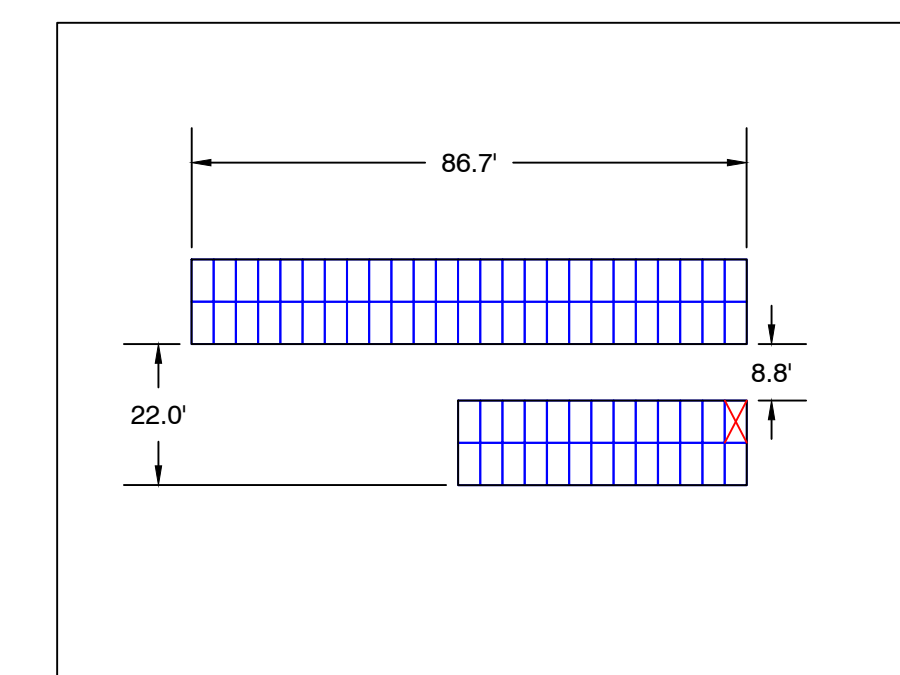
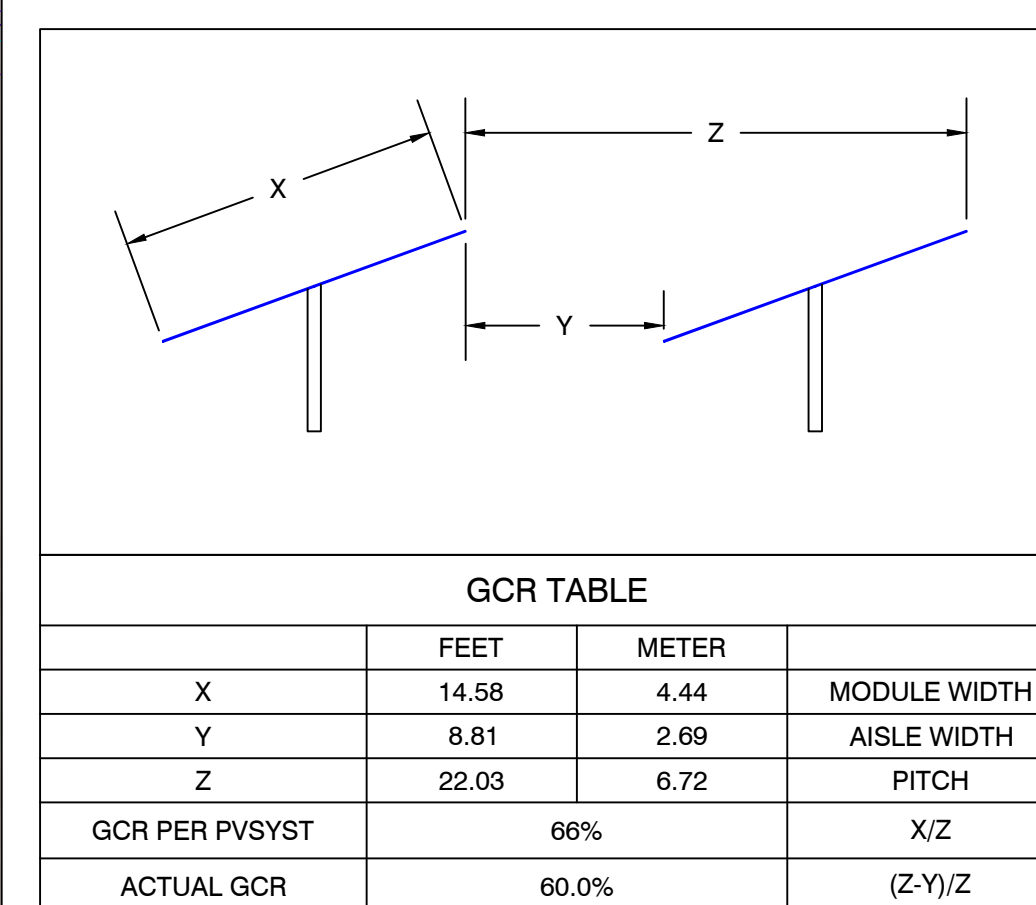


LEGEND	
	2P X 25 HANWHA Q-CELLS 480W @25° TILT
	2P X 13 HANWHA Q-CELLS 480W @25° TILT
	EQUIPMENT RACK (TYP. OF 3) (1) LV SWITCHGEAR (1) MV TRANSFORMER
	STRING INVERTER
	OVERHEAD ELECTRICAL
	UNDERGROUND MEDIUM VOLTAGE CABLE
	UNDERGROUND AC CABLE
	FENCE LINE
	WOOD FENCE LINE
	16' ACCESS ROADS
	QUARRY
	WETLANDS
	25' WETLAND BUFFER
	100' WETLAND BUFFER
	VERNAL POOL
	WETLAND ID
	VERNAL POOL ID
	LINE OF DISTURBANCE
	TREE LINES
	STORMWATER BASIN
	PROPERTY BOUNDARY
	LAYDOWN AREA

PROJECT DETAILS	
SYSTEM SIZE AC	8,350.00 kW
SYSTEM SIZE DC	12,060.00 kW
DC/AC RATIO	1.44
MODULE MODEL	HANWHA Q CELLS Q.PEAK DUO XL-G10.3/BFG 480W
MODULE RATING	480 W
TOTAL MODULE QTY	25,125
# OF MODULES PER STRINGS	25
TOTAL # OF STRINGS	1,005
INVERTER MODEL	SUNGROW SG125HX
INVERTER RATING	125 kW
TOTAL INVERTER QTY	76
RACKING	GROUND MOUNT FIXED TILT
TILT ANGLE	25°
AZIMUTH	180°
PITCH	22.03°
INTER ROW SPACING	8.81'
GCR	60%
FENCED AREA	31.49 ACRES
PROPERTY AREA	124.80 ACRES
LINE OF DISTURBANCE AREA	34.63 ACRES



STONINGTON SOLAR

428, PROVIDENCE-NEW LONDON TURNPIKE
NORTH STONINGTON, CT 06359, USA

LAT: 41.431830°N
LON: 71.821514°W

REV. NO	DESCRIPTION	DATE
0	PRELIMINARY	11/16/21

SHEET TITLE:
PRELIMINARY LAYOUT

PROJ. MGR.	PROJ. ENGR. SDE	DATE:
		11/16/21
DRAWN BY: LR	CHECKED BY:	SCALE: AS SHOWN
DRAWING NO.		

1 ARRAY PLAN
Scale: 1"=200'

2 GCR DETAILS
Scale: NTS

3 TYP. MODULE RACKS
Scale: 1"=30'

PV-100