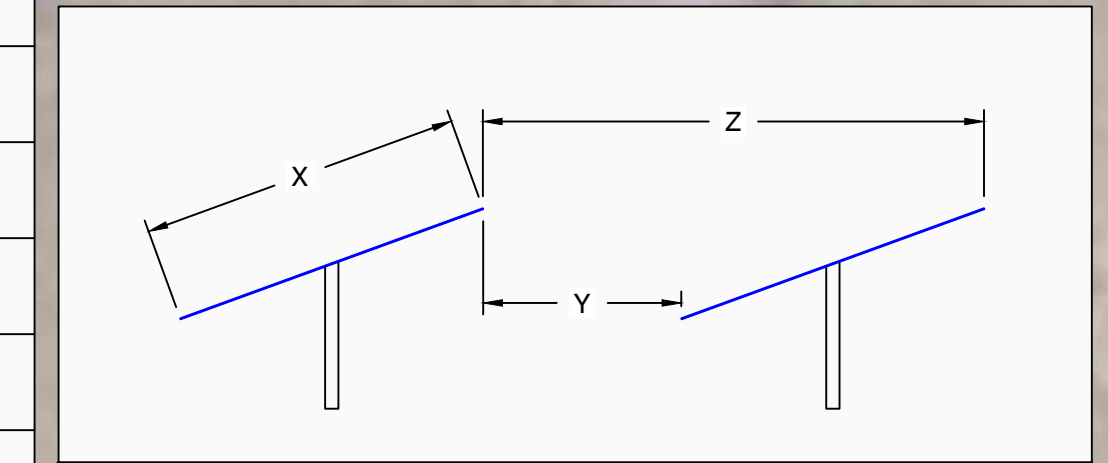


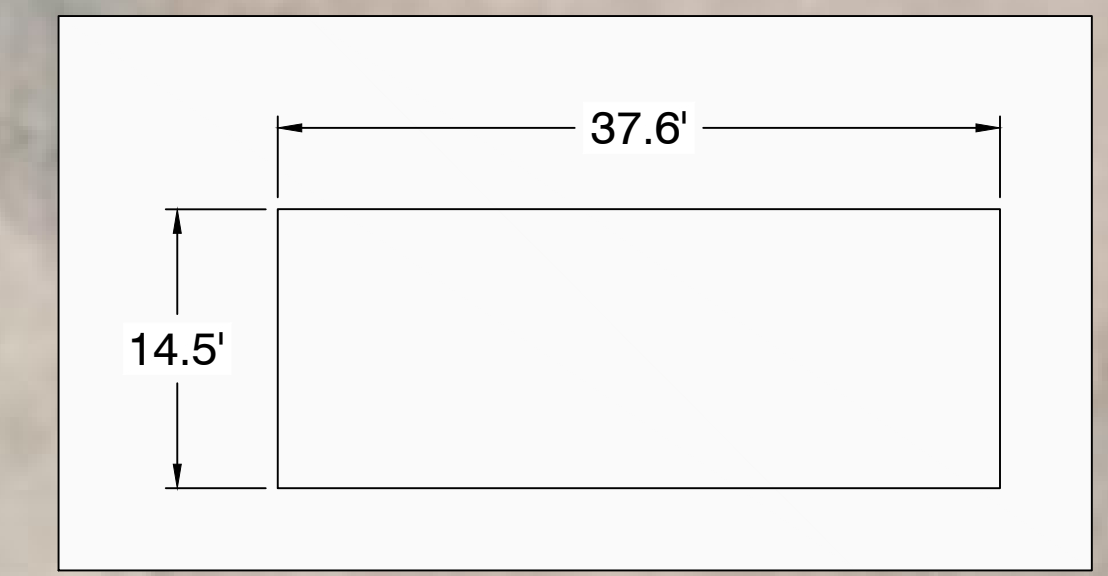
LEGEND	
	2P X 10 HANWHA Q-CELLS 580W @25° TILT
	POWER STATION
	STRING INVERTER
	DC COMBINER BOX
	OVERHEAD ELECTRICAL
	FENCE LINE
	WOOD FENCE LINE
	16' ACCESS ROADS
	QUARRY
	WETLANDS
	25' WETLAND BUFFER
	100' WETLAND BUFFER
	100' VERNAL POOL SETBACK
	VERNAL POOL
	B/1B WETLAND ID
	VP-1 VERNAL POOL ID
	LINE OF DISTURBANCE
	STORMWATER BASIN
	PROPERTY BOUNDARY

PROJECT DETAILS	
SYSTEM SIZE AC	8,350.00 KW
SYSTEM SIZE DC	12,238.00 KW
DC/AC RATIO	1.47
MODULE MODEL	HANWHA Q CELLS Q.PEAK DUO XL-G11.3/BFG 580W
MODULE RATING	580 W
TOTAL MODULE QTY	21,100
# OF MODULES PER STRINGS	25
TOTAL # OF STRINGS	844
INVERTER MODEL	SUNGROW SG125HX
INVERTER RATING	125 KW
TOTAL INVERTER QTY	76
RACKING	GROUND MOUNT FIXED TILT
TILT ANGLE	25°
AZIMUTH	180°
INTER ROW SPACING	9.61'
FENCED AREA	32.17 ACRES
PROPERTY AREA	124.80 ACRES
LINE OF DISTURBANCE AREA	34.63 ACRES



GCR TABLE			
	FEET	METER	
X	15.89	4.84	MODULE WIDTH
Y	8.80	2.68	AISLE WIDTH
Z	23.33	7.11	PITCH
GCR PER PVSYST	68%		X/Z
ACTUAL GCR	62.3%		(Z-Y)/Z

3 GCR DETAILS
Scale: NTS



2 TYP. MODULE RACK
Scale: 1"=10'

1 SITE PLAN
Scale: 1"=200'

REV	DESCRIPTION	BY	CHK	DATE
3	ISSUE FOR PERMIT REV 1			01/13/2023
2	ISSUE FOR PERMIT	LR	SS	10/25/2022
1	60% FOR CLIENT REVIEW	LR	SS	07/18/2022
0	30% FOR CLIENT REVIEW	LR	SS	05/12/2022

SITE PLAN **G-101**

STONINGTON SOLAR
428, PROVIDENCE-NEW LONDON TURNPIKE, NORTH STONINGTON, CT 06359
LAT: 41.431830° / LON: -71.821514°

DATE: 10/25/2022	DATE: 10/25/2022	DTR: LAKIR RAMBHA	CONFIDENTIALITY STATEMENT
SCALE: AS SHOWN	CHKD: STEPHEN SMITH	ENGR: ENGR	THIS DRAWING IS THE PROPERTY OF SOLVIDA DESIGN AND ENGINEERING. THIS INFORMATION IS CONFIDENTIAL AND IS TO BE USED ONLY IN CONNECTION WITH WORK DESCRIBED BY SOLVIDA. NO PART IS TO BE DISCLOSED TO OTHERS WITHOUT WRITTEN PERMISSION FROM SOLVIDA DESIGN AND ENGINEERING.
PAPER SIZE: 24" X 36"			