



PV SYSTEM DESCRIPTION

MODULE TYPE	LONGI LR4-72HPH-435M
MODULE QTY.	4104
INVERTERS	24) CHINT POWER CPS SCABUK1L-DO/US-480
SYSTEM SIZE (DC)	1785.24 kW
SYSTEM SIZE (AC)	1440.00 kW
SYSTEM SIZE (CEC-AC)	1642.95 kW
LAT/LONG	38.595509, -121.678608
AZIMUTH (°)	180°, 90°
TILT ANGLE (°)	5°
SNOWLOAD	0 PSF
WINDSPEED	95 MPH (7-16 ASCE)
SEISMIC DESIGN CAT.	D
NO. LIGHTPOLE REMOVAL	N/A
NO. TREE REMOVAL	N/A
NO. ADA SPACES COVERED	N/A

ENERGY STORAGE SYSTEM DESCRIPTION

LISTED ESS MODEL	SYL SU502U250L
BATTERY MANUFACTURER	SYL (NINGBO) BATTERY CO.
BATTERY INVERTER	(4) DELTA PCS125, 125kW EACH
ESS INVERTER QTY.	2
AC NOMINAL POWER	500kW
AC MAX POWER	500 kVA
NAMEPLATE ENERGY RATING	1,004 kWh
DISCHARGE DURATION	2 HOURS
TRANSFORMER	500kVA, 480A, 480V WYE, DRY TYPE INSULATION XFORMER
ENERGY STORAGE SYSTEM DISCONNECT	BOLTSWITCH VL367 (800A, 480V)
ESS FAULT CURRENT @480V	334.0A

CANOPIES HAVE A MINIMUM CLEARANCE OF 18' UNLESS OTHERWISE SPECIFIED

DESKTOP ANALYSIS OF THE ROOFS, BUILDING & STRUCTURE HEIGHTS, TREE HEIGHTS, AND THE TOPOGRAPHY WERE ASSUMED FOR THE DESIGN. FINAL SYSTEM SIZE AND LOCATION WILL VARY BASED ON FURTHER DILIGENCE.

CANOPY BLOCK : 12 MODULE WIDE
01 X 116 STRING BLOCK
01 X 102 STRING BLOCK



FOREFRONT POWER

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STAMP:

NOT FOR CONSTRUCTION

YOLO COUNTY COMPOST FACILITY

44090 Co Rd 28H,
Woodland, CA 95776

PROJECT NUMBER
CA-22-0179

SHEET TITLE

LAYOUT

SHEET SIZE
ANSI B
11" X 17"

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NO.	REVISION	DATE	INIT.
1	PRELIMINARY	05.19.22	RP
2	BESS ADDITION	08.08.22	MRC

DATE: 05.19.22
DRAWN BY: RP
ENGINEER: XX
APPROVED BY: XXX

PROJECT PHASE:
PRELIMINARY

SCALE:
1"=120'

SHEET NO.:

E-111



APPROXIMATE NORTH