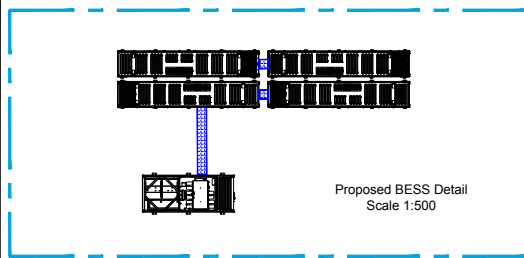


Key	
	Site Boundary
	LV Cable Route
	Security Fence
	Gate within Security Fence
	Access Track
	Overhead Electrical Cables
	Water Trunk
	BT
	BESS Area
	Hardstanding area
	Utilities Easement
	Water Trunk Easement
	MV Station
	2h 2523kW Battery Container
	Feeder Pillar & Transformer
	Customer Substation
	DNO Substation
	PV Array - JA Solar, 605W Modules

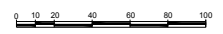
MENEAR BESS SITE
 Sungrow Battery Block(2523kWh) = 4
 PCS Containers (2500kVA) = 2
 Transformers (5000kVA) = 1
 System Size = 5.00MW/10.092MWh
 DNC = 5.00MW



PROJECT NAME: MENEAR SOLAR FARM	
GRID REFERENCE :	SX 03308 54401
SITE AREA:	63.00 Acres / 25.50 ha
MODULE TILT:	15°
PITCH:	11.79m
ROW TO ROW DISTANCE:	4.862m
NO. OF STRINGS:	998
MODULE (MAKE AND MODEL):	JA SOLAR, JAM72D40 575-600/LB
MODULE POWER:	600W
MODULE DIMENSIONS:	2333mm X 1134mm
NUMBER OF MODULES:	28942
INVERTER (MAKE AND MODEL):	SUNGROW SG350HX
INVERTER POWER:	352kW
NUMBER OF INVERTERS:	41
3.0MVA TRANSFORMER:	3
2.5MVA TRANSFORMER:	2
2.0MVA TRANSFORMER:	1
NUMBER OF TRANSFORMERS:	6
TOTAL INSTALLED CAPACITY:	17.51MWp
MAX INVERTER AC POWER:	14.43MW

Installer Details
 Anesco Ltd.
 The Green,
 Easter Park,
 Benyon Road,
 Reading,
 RG7 2PQ
 Tel: 0845 894 4444

- Comments**
- Drawings are Indicative only.
 - Design based on detailed OS Map.
 - Additional site survey, topography and geotechnical study are required to confirm the capacity of the proposed system.
 - There is a 5m buffer between fencing and solar panels and/or any other building on site.
 - A Single post ground mount system has been assumed.



Revision	Description	Revised By	Date	Drawn By
A	Issued for comment	JH	25/01/2022	
B	Site Redesign and Water Trunk added	MS	25/03/2022	JH
C	Modules Rearranged	MS	12/05/2022	
D	Layout revised	GM	10/10/2022	
E	Site Boundary changed	GM	15/12/2022	
F	Modules & updated and red line extended	JS	29/08/2023	
G	Modules(1 string) relocated	JS	08/09/2023	

Installation Address
 Menear Road,
 Treverbyn,
 Trethurgy,
 Cornwall,
 PL25 3JT

Project	
Title	Menear Solar Farm Preliminary Site Layout
Drawing No.	C0002467_01
Rev.	G

