



PROJECT NAME: COVEN	
GRID REFERENCE :	SJ 90754 05831
SITE AREA:	141.72 Acres / 57.35 ha
MODULE TILT:	12°
PITCH:	10.37m
ROW TO ROW DISTANCE:	3.3m
NO. OF STRINGS:	2702
MODULE (MAKE AND MODEL):	JA SOLAR, JAM66D45 605/LB
MODULE POWER:	605W
MODULE DIMENSIONS:	2384mm X 1134mm
NUMBER OF MODULES:	78358
INVERTER (MAKE AND MODEL):	SUNGROW SG350HX
INVERTER POWER:	352KW
NUMBER OF INVERTERS:	113
3.0MVA TRANSFORMER:	5
2.5MVA TRANSFORMER:	6
2.0MVA TRANSFORMER:	5
1.5MVA TRANSFORMER:	2
NUMBER OF TRANSFORMERS:	18
TOTAL INSTALLED CAPACITY:	47.41MWp
MAX INVERTER AC POWER:	39.78MW

LEGEND	
[Red line]	SITE BOUNDARY
[Orange dashed line]	SECURITY FENCE
[Yellow dashed line]	PUBLIC RIGHT OF WAY
[Green dashed line]	50% BROADBAND
[Blue dashed line]	BEDIAL WAY
[Purple dashed line]	OVERHEAD ELECTRICAL CABLES
[Light blue dashed line]	OVERHEAD TELECOMS
[Dark blue dashed line]	UNDERGROUND WATER TRUNK MAIN
[Brown dashed line]	DNO ACCESS ROUTE
[Red dashed line]	HY CABLE ROUTE - TRENCH
[Blue dashed line]	LV CABLE ROUTE - TRAY
[Orange dashed line]	UTILITY EASEMENT
[Green dashed line]	HARDSTANDING AREA
[Yellow dashed line]	ACCESS CROSSING
[Purple dashed line]	AREA TO BE BALLASTED
[Grey rectangle]	PV ARRAY
[Black square]	INVERTER (MAKE, MODEL & SIZE)
[Green square]	LV SWITCH/TRANSFORMER
[Blue square]	DNO SUBSTATION
[Yellow square]	CUSTOMER SUBSTATION (PV)



Installer Details Anesco Ltd. The Green, Easter Park, Benyon Road, Reading, RG7 2PQ Tel: 0845 894 4444	Comments <ul style="list-style-type: none"> 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 double post ground mount system has been assumed. 	<table border="1"> <thead> <tr> <th>Revision</th> <th>Description</th> <th>Revised By</th> <th>Date</th> <th>Drawn By</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Issued for comment</td> <td>JS</td> <td>20/05/23</td> <td>JS</td> </tr> <tr> <td>B</td> <td>Revised modules</td> <td>JS</td> <td>14/06/23</td> <td>JS</td> </tr> <tr> <td>C</td> <td>Revised Planning Redline</td> <td>JS</td> <td>15/06/23</td> <td>JS</td> </tr> <tr> <td>D</td> <td>DNO changed</td> <td>JS</td> <td>23/06/23</td> <td>JS</td> </tr> <tr> <td>E</td> <td>Site Redesigned</td> <td>JH</td> <td>19/07/23</td> <td>JS</td> </tr> </tbody> </table>	Revision	Description	Revised By	Date	Drawn By	A	Issued for comment	JS	20/05/23	JS	B	Revised modules	JS	14/06/23	JS	C	Revised Planning Redline	JS	15/06/23	JS	D	DNO changed	JS	23/06/23	JS	E	Site Redesigned	JH	19/07/23	JS	Installation Address Land At Lawn Lane, Coven, WV9 5AZ	Project Coven	Title Site Layout	Scale 1:2000	Sheet Size A1	Rev. E	Drawing No. C0002464_01
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