

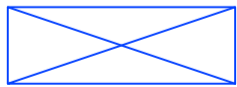
First Floor A1 1:100  
Ground Floor A1 1:100

YD2501 - YORKSHIRE DALES NATIONAL PARK												
DALES COUNTRYSIDE MUSEUM, HAWES												
REF	INVERTER	CONTRACT	SIZE (KW)	PANEL TYPE	SIZE (V)	QUANTITY	TOTAL (V)	TOTAL (Kwh/annual)	BUILDING CONSUMPTION (kWh/Annual)	REMAINING CONSUMPTION (kWh/annual)	DAY TIME CONSUMPTION (KWH/Annual)	NIGHT TIME CONSUMPTION (KWH/Annual)
1	SOLIS	SEG	20KW	LG	340	60	20400	20849	52630	31781.2	41378	11251.9
2	SOLIS	SEG	6KW	JA Solar	660	8	5280	4125	52630	48505		
3	TOTAL					68	25680	24974	52630	27656.2		

Solar Generation Information



Energy Meter



Section Board



Distribution Board



4 Pole AC Lockable Isolator



Solar PV Inverter



Solar Battery Storage

Notes

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- The drawings are representative of the work to be done and when read in conjunction with the specification enable the Tenderer to interpret the design of the works.  
It should be noted that the drawings are essentially diagrammatic and are not intended to indicate the precise disposition of the services relative to the building structure or other building services. Therefore the Contractor shall make provision to provide fully co-ordinated installation drawings as defined within BSRIA guide 'BGS - A Design Framework for Building Services' to satisfy and comply fully with design activity stages 4, 5 and 6.
- The Contractor shall include for all items shown on the drawings and described in the Electrical Engineering Specification. Refer to the issued Electrical Engineering Specification for full details of the works.
- All electrical works shall comply with 18th Edition IET wiring regulations (BS7671) including all current amendments and guidance notes.
- All dimensions to be checked on site.
- All containment throughout shall be fixed to the building structure utilising metal fixings and in accordance with BS7671. No plastic rawl plugs shall be permitted.
- All band I and band II cables shall be secured to separate galvanised steel containment with a minimum separation from power cables of 50mm at all times.

T1	Tender Issue 1		DR	SW	CR
Ver.	Details		JUL 25	JUL 25	JUL 25
		Author & Date	Checked & Date	Approved & Date	
White Rose House (2nd Floor), Northallerton Business Park, Thurston Road, Northallerton, DL6 2NA Tel: 01609 797373					
Client Yorkshire Dales National Park Authority					
Project name Yorkshire Dales Solar PV Battery Storage					
Drawing Title Dales Museum, Hawes First Floor Electrical Layout - Solar PV					
Purpose Tender					
Scale	Drawn	Checked	Approved		
1:100	DR	SW	CR		
Original Size	Date	Date	Date		
A1	21.07.25	21.07.25	21.07.25		
Drawing Number YD2501-APP-DM-00-DR-E-000602					Version T1