



- Notes:
1. All dimensions to be confirmed on site prior to installation.
  2. All dimensions are indicative only and in mm unless otherwise specified.
  3. Drawing based on: Final Planning Layout\_Twitch Hill Solar\_07.02.2022.dwg

Legend:

	Site boundary
	Perimeter fence
	Over-head line (OHL)
	Cable route to battery storage
	Land drain
	Intermittent planting
	Maintenance track (4m width)
	Construction access track
	Transformer station
	Tree line
	Flowering meadow
	Ecology enhancement zone
	Proposed Hedge
	Battery storage compound

System description:

DC Power kWp:	25 008.75
AC Power kVA:	18 920 (@215kVA)
No. of modules:	42 750
Module type:	CSI6Y-585MB-AG Bifacial (585 Wp)
Dimensions:	2448x1135x35
Substructure type:	2 modules in portrait
Tilt angle:	20°
Shading angle:	22°
Azimuth from South:	Due South
Pitch distance:	Min. 8 781 mm - Max. 10 056 mm
Row to row distance:	Min. 4 162 mm - Max. 5 436 mm
No. of inverters:	88
Inverter type:	Huawei SUN2000-215KTL-H0
Power ratio:	1.39 / 1.46 (@Pnom - 200 kVA)
No. of AC combiners:	-
No. of Transformers:	4
Fence area:	-36.04 ha
Fence length:	-2 720 m
Total area:	-



Revisions:

Rev	Date	Comments	Drawn
A	07/06/21	Panel placement adjusted	OA
B	20/08/21	PV area increased, topography updated	UZ
C	25/08/21	Topography updated for 19 MVA export option	UZ
D	06/12/21	Layout updates	OA
E	09/02/22	OS Map changed	TS

Project: Twitch Hill  
 Location: Cheswell Grange, Newport, Telford, TF10 9AE, UK  
 52°44'43.15"N 2°25'34.10"W  
 Title: PV Layout (Location plan)

Drawn: DETRA / OA Checked: PC  
 Scale: 1:3250@A1 Date: 09/02/22  
 Drawing No: LOA1002-100.2 Rev: E

