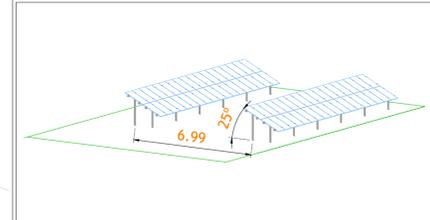


<b>LOCATION:</b>	
Latitude	- 53.1238°
Longitude	- 1.2292°
Altitude	- 146 m
<b>PLOT:</b>	
Fence length	- 965 m
Fenced area	- 5.350 ha
<b>PV PLANT SPECIFICATION:</b>	
PV modules type	- JINKO SOLAR JK650N-78HL4-BDV-650WP
PV module dimensions	- 2465x1134x30 mm
PV modules number	- 10 032 pcs.
PV modules per string	- 24 pcs.
Strings number	- 418 pcs.
Inverter type	- HUAWEI SUN2000-330KTL
Inverters number	- 17 pcs.
Structure type	- 2x12 PV structures portrait - 18 pcs. - 2x24 PV structures portrait - 200 pcs.
Tilt	- 25°
Pitch	- 6.999 m

<b>PV PLANT POWER:</b>	
Installed DC power	- 6 520.80 kWp (DC)
Installed AC power	- 5 100.00 kVA (AC)
DC/AC ratio	- 1.28

<b>LEGEND</b>	
	Fence
	PV area
	Underground power line
	Green hedge
	Internal road
	Transformer station
	PV structure 2x24P @25°
	PV structure 2x12P @25°
	DNO and customer substation (11kV)
	Store room
	Access gate
	CCTV poles



Project: Hamilton Solar Farm			
Drawing name: General Layout			
ID:	2115_02	Drawn:	REN
R 05	Red line area revised	Date:	10/2025
R 04	Red line area modified	Date:	06/2025
R 03	Revised red line area	Date:	05/2025
R 02	Topography and Tree Constraints Added	Date:	04/2025
R 01	First Issue	Date:	02/2025
Revision	Description	Date	
Discipline:	Electrical	Phase:	Preliminary Design
Format:	A1	Scale:	1:750
Sheet No:	01/01		

Client:



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