

- Notes:
- All dimensions to be confirmed on site prior to installation.
 - All dimensions are indicative only and in m unless otherwise specified.
 - Drawing based on:
 - "Gwenlais 18-08-2020.dwg"
 - "3651560 Gwenlais Solar Park Connection Offer.pdf"
 - "Gwenlais Farm_Solar Securities_Project Memo 19.06.20.pdf"

Legend:

- Site boundary
- Perimeter fence
- OHL
- Gas Pipeline
- Hedges
- Maintenance track
- Customer Cabin Customer cabin
- DNO DNO equipment
- 20ft. substation 20ft. substation
- CCTV CCTV
- Housing allocation Housing allocation
- Tree

System description:

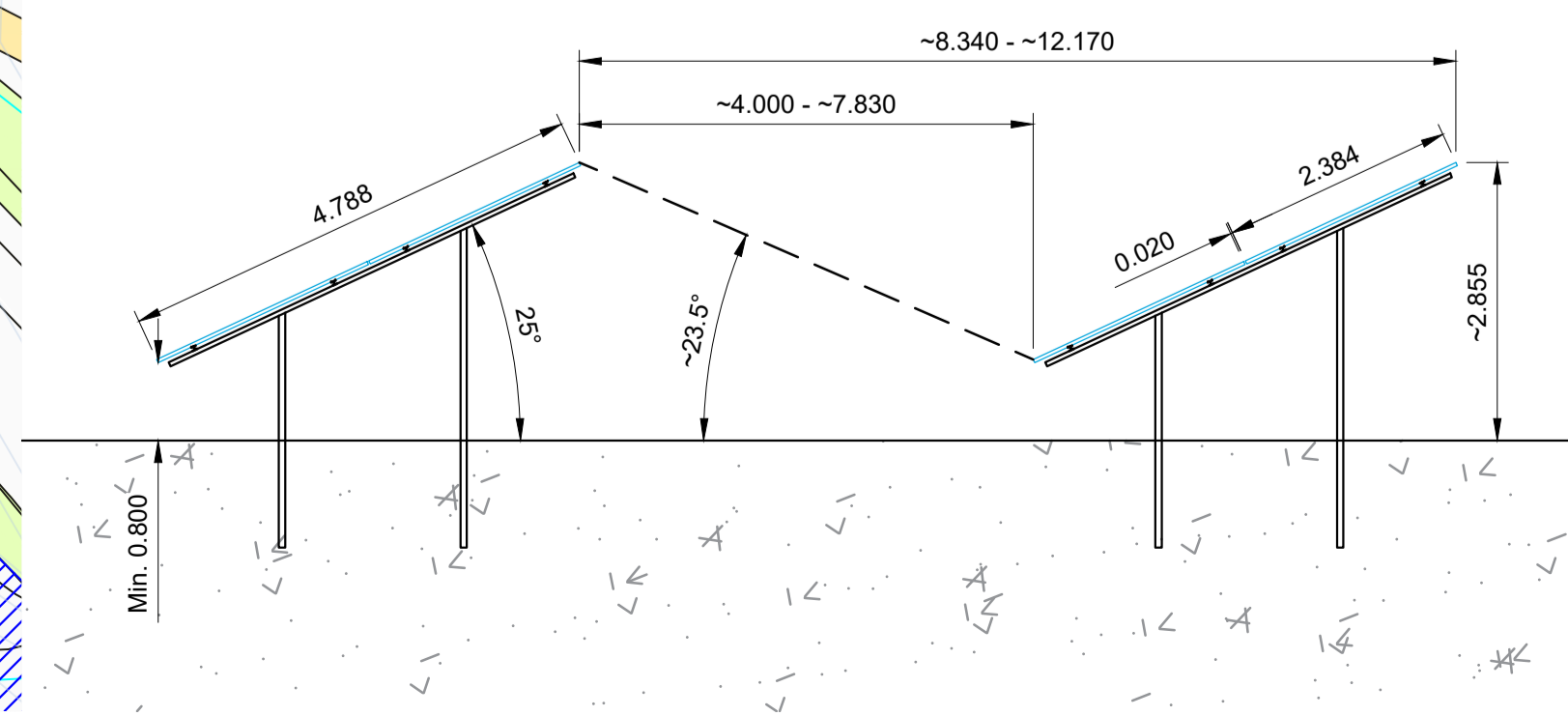
DC Power kWp:	18 037.5
AC Power kVA:	15 910 (@215kVA)
No. of modules:	27 750
Module types:	CS7N-650MB-AG 650Wp
Dimensions:	2384x1305x35
Substructure type:	2 modules in portrait
Tilt angle:	25°
Shading angle:	~23.5°
Azimuth from South:	Due South
Pitch distance:	-8.340 - -12.170 m
Row to row distance:	-4.000 - -7.830 m
No. of inverters:	74
Inverter type:	Huawei SUN2000-215KTL-H3
Power ratio:	1.17 - 1.27 (@200kVA)
No. of Transformers:	6
Fence area:	~23.75 ha
Fence length:	~4 604 m
Total area:	~31.08 ha



Revisions:

Rev	Date	Comments	Drawn

Project: Gwenlais
 Location: Land Lying to the North East of Gwenlais Farm, Carmel Road, Pontlliw, Swansea, SA4 9EX, UK 51°41'41.61"N 4°13'71"W
 Title: PV Layout
 Drawn: DETRA / MG Checked: NS
 Scale: 1:1800@A1 Date: 18/08/22
 Drawing No: SSL1004-101 Rev: --



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Do not scale from this drawing. Site verify all dimensions prior to construction. Report all discrepancies to the drawing originator immediately. This drawing is to be read in conjunction with all relevant documents and drawings.