



- 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:
 - "East Stour - EA Agreed 51.3m contour.png;
 - "Detra-Solar_Ground-Mount_Project Form - East Stour.docx";
 - "OS_1_25_000_raster_-_Explorer_691545_900093";
 - "OS_Terrain_5_691545_900094";
 - "Sellindge - All Constraints Merged V3.gpkg";
 - "Sellindge - Access Tracks V3.gpkg";
 - GE Imager Date: 30/03/21

- Legend:
- Site boundary
 - Perimeter fence
 - Maintenance track
 - Welfare
 - Store
 - Inverter/ Substation Unit
 - Substation container

System description:

| | |
|----------------------|---------------------------|
| No. of modules: | 107 926 |
| Module type: | Canadian Solar CS7L-590MB |
| Dimensions: | 2173x1305x35 |
| Substructure type: | 2 modules in portrait |
| Tilt angle: | 20° |
| Shading angle: | ~26.5° |
| Azimuth from South: | Due south |
| Pitch distance: | ~7 105mm - ~9 445mm |
| Row to row distance: | 3 000mm - 5 340mm |
| No. of inverters: | 252 |
| Inverter type: | Huawei SUN2000-215KTL-H0 |
| Power ratio: | 1.21 / 1.28 @215kVA |
| No. of AC combiners: | - |
| No. of Transformers: | 20 |
| Fence area: | ~65.49 ha |
| Fence length: | ~9 038 m |
| Total area: | ~103.90 ha |



Revisions:

| Rev | Date | Comments | Drawn |
|-----|----------|--------------------------|-------|
| E | 14/12/21 | Additional equipment | AP |
| F | 25/03/22 | Central substation added | AP |
| G | 11/04/22 | Side elevation changed | AP |
| H | 07/06/22 | Substation relocated | AP |
| I | 27/06/22 | OS Map amendment | AP |

Project: East Stour
Location: Church Lane,
Aldington,
UK
51°6'3.99"N 0°57'57.56"E
Title: PV Layout

Drawn: DETRA / AP Checked: IB
Scale: 1:2500@A1 Date: 27/06/22
Drawing No: ENGN1006-100 Rev: I

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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.

Proposal only