

314700N

362000E

314700N

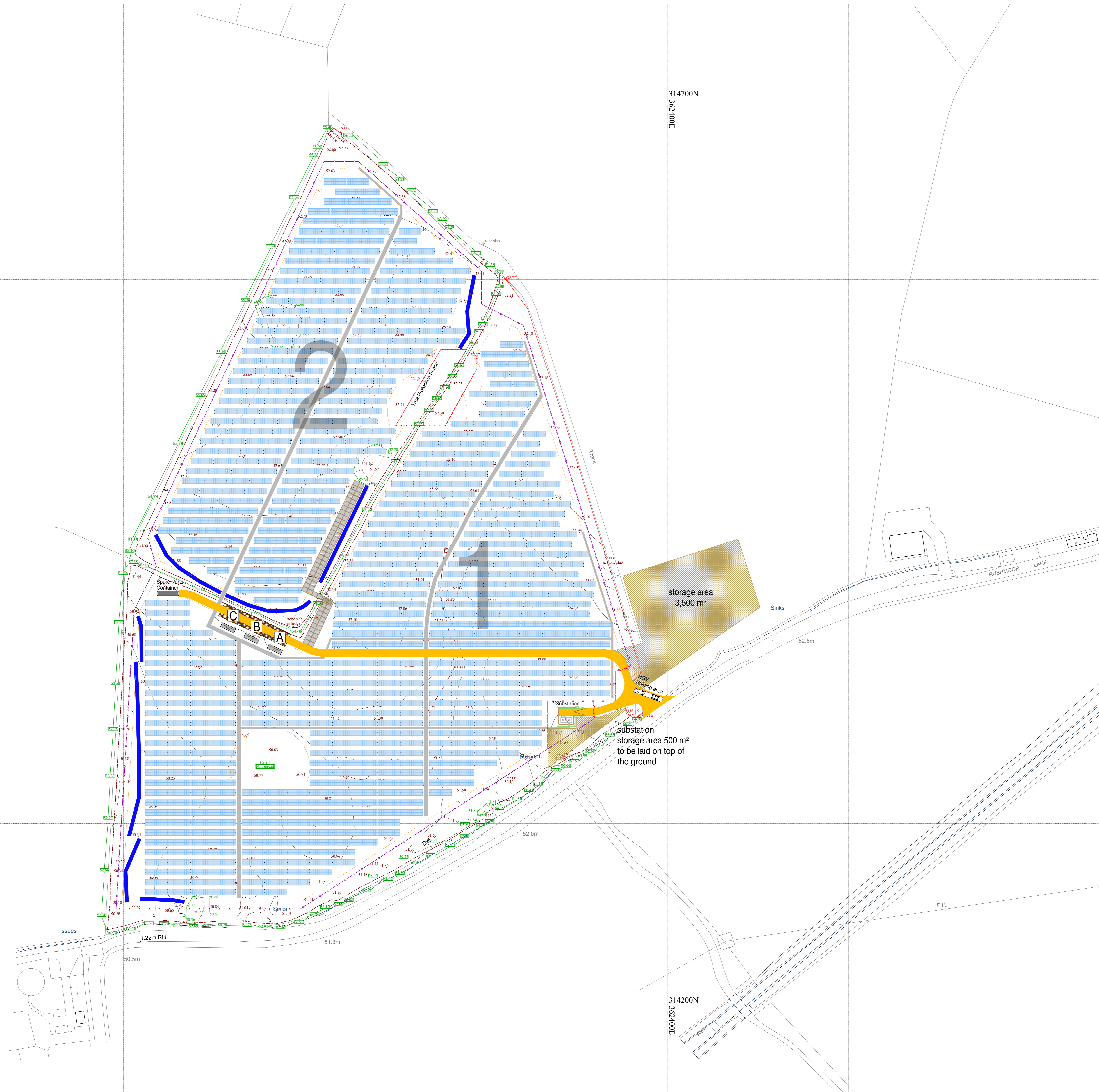
362000E

314200N

362000E

314200N

362000E



**Geographical coordinates**

Country: UK  
Address: Cheshire Coppice Farm  
Admission, Telford  
T5 0BS

Latitude: 52° 43' 34" N  
Longitude: 2° 33' 38" W  
Altitude: 55.40 m

**Areas**

|            | Fenced area           | Fence length |
|------------|-----------------------|--------------|
| PV site    | 74,480 m <sup>2</sup> | 1,140 m      |
| Substation | 400 m <sup>2</sup>    | 40 m         |
| total      | 74,880 m <sup>2</sup> | 1,180 m      |

**System**

number of solar stations: 3  
number of inverters: 6  
AC power: 4,080 kVA

**Substructure**

Number of racks: 616  
Modules per rack: 2x12 (portrait)  
Azimuth: 0°  
Plane tilt: 15°  
Pitch: appr. 5.50 m  
Aisle width: appr. 2.24 m

**Compacted areas**

| Storage area | Value                |
|--------------|----------------------|
| solar field  | 3,500 m <sup>2</sup> |
| substation   | 500 m <sup>2</sup>   |

**Maintenance road + crane hardstandings**

Maintenance road: [Yellow box]  
Crane hardstandings: [Grey box]

**LEGEND**

|                    |                        |                  |                                     |
|--------------------|------------------------|------------------|-------------------------------------|
| [Red dashed line]  | Fence                  | [Grey rectangle] | Inverter / Transformer Station      |
| [Red solid line]   | Tree protection fence  | [Blue rectangle] | Racks 2 x 12 (portrait orientation) |
| [Red dashed line]  | PV area - 3 m to fence | [Blue rectangle] |                                     |
| [Red dashed line]  | Main cable trench      | [Blue rectangle] |                                     |
| [Blue rectangle]   | Swales                 | [Blue rectangle] |                                     |
| [Yellow rectangle] | Maintenance road       | [Blue rectangle] |                                     |
| [Orange rectangle] | Temporary road         | [Blue rectangle] |                                     |
| [Grey rectangle]   | Level contours         | [Blue rectangle] |                                     |
| [Red arrow]        | Gate                   | [Blue rectangle] |                                     |

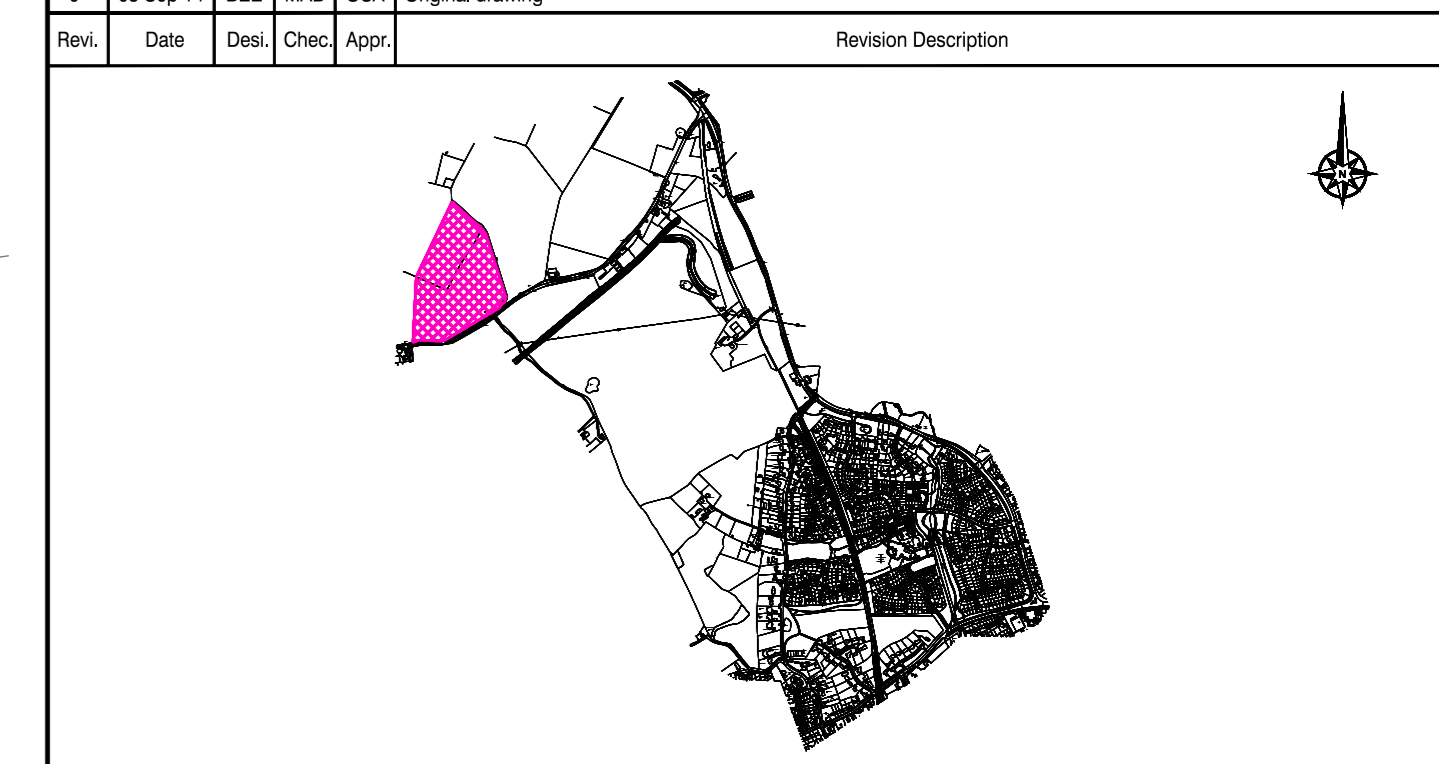
Used Xrefs of external planners in the current drawing

| Rev. | Date | Xref(DWG) - File name / Planning expert |
|------|------|---|
|      |      |   |
|      |      |   |

Please note that all drawing contents have to be checked on the contractor's own responsibility prior to construction start. Discrepancies have to be communicated to the contractual partner or to the responsible technical planners. Drawing numbers and index have to be observed. With release of new drawing, previous drawings lose their validity and will not be withdrawn.

Document: **2200.AP.001.0.C**

| Rev. | Date      | Des. | Check | Appr. | Revision Description  |
|------|-----------|------|-------|-------|---|
| C    | 19 Aug 15 | DWG  | LIBA  | OSA   | Compound moved to north   |
| B    | 07 Aug 15 | DWG  | LIBA  | OSA   | Location of site access changed, description for compound and substation area added, tree protection zone updated |
| A    | 04 Jun 15 | DWG  | LIBA  | OSA   | Completed substation, swales added, location of inverter stations changed, compound outside of the solar field    |
| S    | 03 Sep 14 | BEE  | MAMI  | OSA   | Original drawing  |



Project Management / Engineering Design

Client: **ibvogt**

ib vogt GmbH  
Helmholtzstr. 2-9  
10587 Berlin  
Tel. +49 30 397440-0  
www.ibvogt.com

Engineering Design:  
ib vogt GmbH  
Helmholtzstr. 2-9  
10587 Berlin  
Tel. +49 30 397440-0  
www.ibvogt.com

Supplier:

| Version | Metric | European-Proc. | Page | Drawing Scale |
|---------|--------|----------------|------|---------------|
|         |        |                |      |               |

Designed by: 03 Sep 2014 | Eddelan Lach | Page: 1 | Drawing Scale: 1/750  
Checked by: 03 Sep 2014 | Acar | DT: 1 | Size: A0 | 11/04/15  
Approved by: 03 Sep 2014 | Subswent | DT: 1 | Size: A0 | 11/04/15

File: **Cheshire Coppice Solar Farm**  
Module Array Layout

| Planning Phase  | Status    |
|-----------------|-----------|
| Approval Design | 19 Aug 15 |

Document No.: **2200.AP.001.0.C** | Revision Index: **C**

scale 1:750

25 m 50 m 75 m 100 m 125 m 150 m