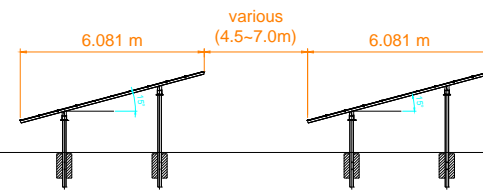
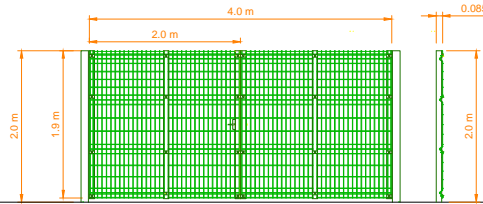


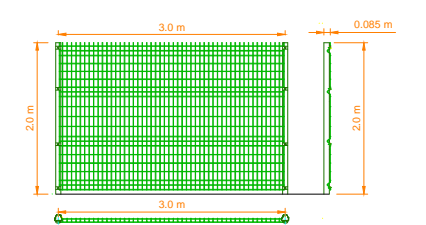
Side View: Typical Section PV Array
Scale: 1:250@A3



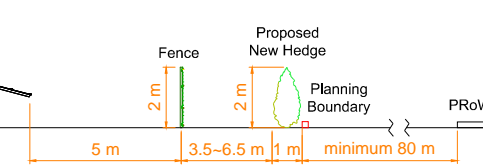
Typical Elevation for Gate
Scale: 1:100@A3



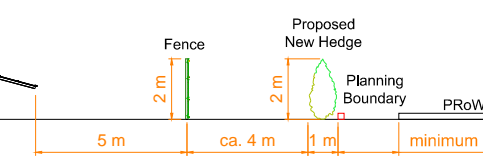
Typical Elevation for Fence
Scale: 1:100@A3



Side View: Typical Section A-A'
Scale: 1:250@A3

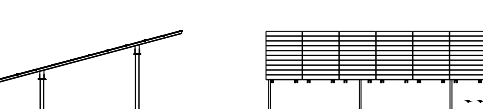


Side View: Typical Section B-B'
Scale: 1:250@A3

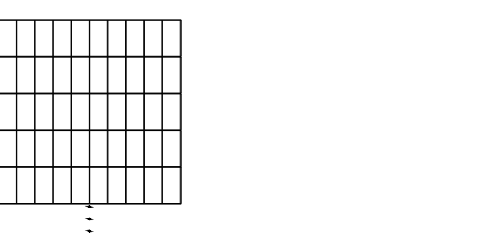


Typical Elevation for PV Array
Scale: 1:250@A3

Side View Front View



Top View



Site Layout Plan

Southam Solar Farm

FS 15° - Double Support - SMA

Coordinates 52.2160° N 01.4460° W

Country - United Kingdom
Region / Province - Warwickshire
Municipality - Bishop's Itchington

Key

- Solar Modules
- Site Boundary
- Construction Boundary
- Fencing
- Existing Hedges
- Double Inverter Platform
- Storage Container
- Energy Storage Container
- Temporary Construction Compound
- CCTV Pole (3.5m high)
- Existing Farm Buildings
- Ecology Buffer Zone
- Proposed New Hedge
- ComBox, FoBox & Antenna
- DNO Transfer Station
- Collecting Station
- PADCON monitoring camera
- Meter Box (Close to DNO Transfer Station)
- Safety Distance (existing o/h electric line)
- Public Footpath
- DNO Access & Hard Standing Area
- Temporary Construction Access Road

Project Data

Plot area - approx. 29.41 ha
Area of perimeter fencing - approx. 23.95 ha
Length of perimeter fencing - approx. 3,913 m

Inverter - 8 x SMA SC900CP XT
= 4 Double Inverter Stands

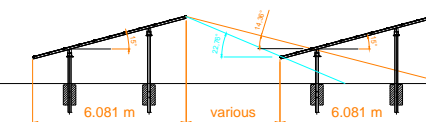
Collecting Stations - 1

Plant System Rating (approx) - 10.38825 MWp-DC

Row Spacing

Construction Series / Wiring - FS 10er 15° / 15 string (hz)
Shading / Safety distance - 2 modules / none
Sun Angle / Shadow Angle - 14.36° / 22.76°

Sketch from the table section



not to scale

Parameters

	considered	not considered
Shadow	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ground Inclination North / South	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ground Inclination East / West	<input type="checkbox"/>	<input checked="" type="checkbox"/>

RevA Site Layout Plan M.F.B. 24.07.2014

Rev changes in the design name checked date

for review for construction as built

Preliminary Design

scale 1: 4000 @ A3



Southam Solar Farm_P02_SP_RevA

Date, Signature	Date, Signature	Date, Signature
Christian Fries COO BELECTRIC	Stephan Weippert Electrical Engineering	Florian Borchardt Dipl.-Ing. (FH) Project Planning

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1:4000 0 200 400 600 800 1000 m