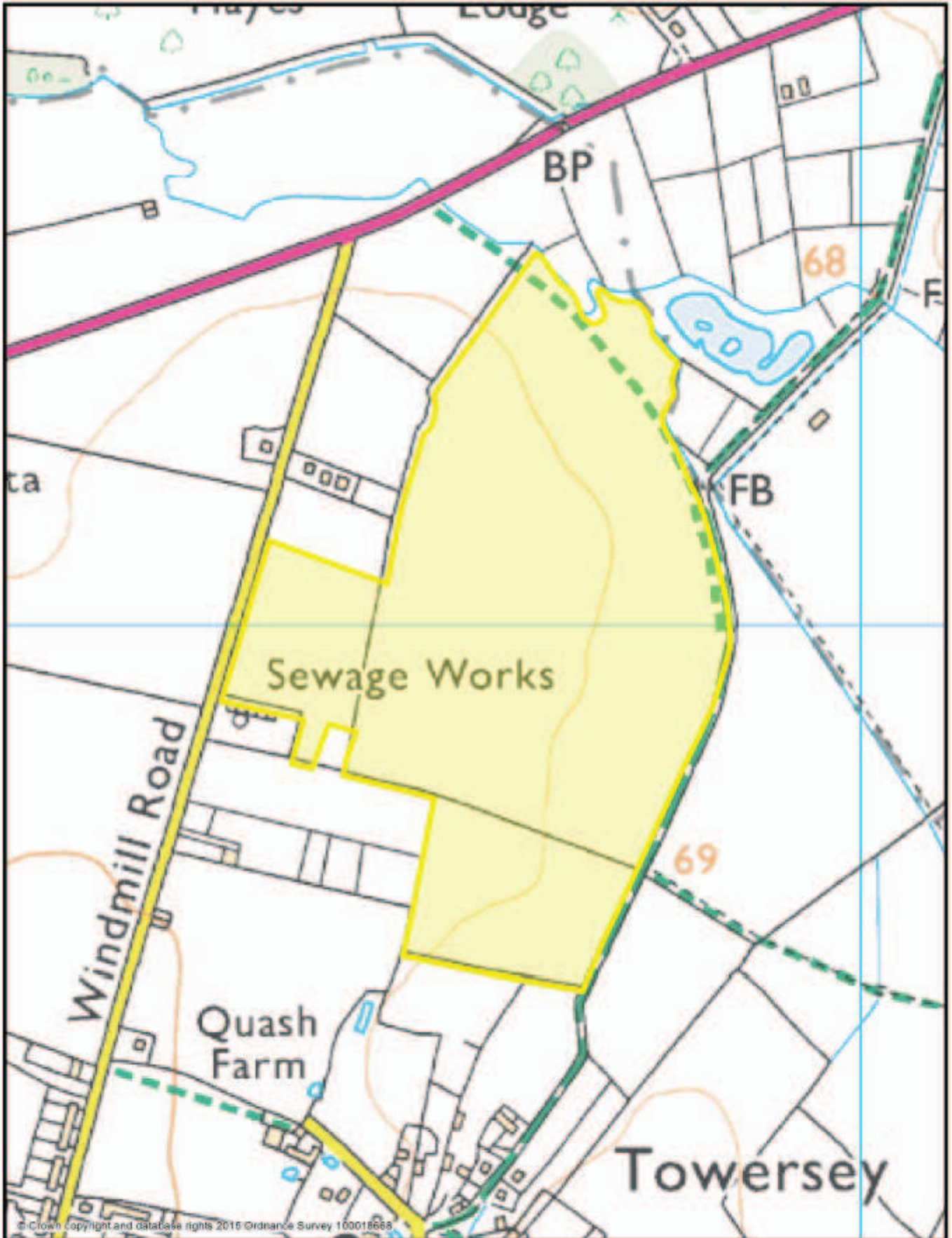


Agenda Item 9



PLANTING SCHEDULE

TREE PLANTING (50% Select Standards, 50% Feathered)

Code	Species	Form	DBH cm	Height m	Root Condition
AC	Acer campestre	Standard	10-12	300-500	45L
OS	Osprey hawthorn	Standard	10-12	300-500	45L
PA	Prunus avium	Standard	10-12	300-500	45L
OR	Quercus robur	Standard	10-12	300-500	45L

Code	Species	Form	DBH cm	Height m	Root Condition
AC	Acer campestre	Feathered	-	175-200	Bagged
OS	Osprey hawthorn	Feathered	-	175-200	Bagged
PA	Prunus avium	Feathered	-	175-200	Bagged
OR	Quercus robur	Feathered	-	175-200	Bagged

NATIVE UNDERSTOREY PLANTING (planted at 1m centres)

Code	Species	Form	Planting Method	Planting Density	Planting Height
AC	Acer campestre (10%)	Feathered	Bagged	1:1	100-125
CM	Crataegus monogyna (20%)	Feathered	Bagged	1:1	100-125
OC	Crataegus avellana (20%)	Feathered	Bagged	1:1	100-125
LA	Linum catharticum (20%)	Leader + Lateral	Staked	2:1	100-125
PA	Panicum arvense (10%)	Feathered	Bagged	1:1	100-125
ST	Stachys annua (10%)	Feathered	Bagged	1:1	100-125

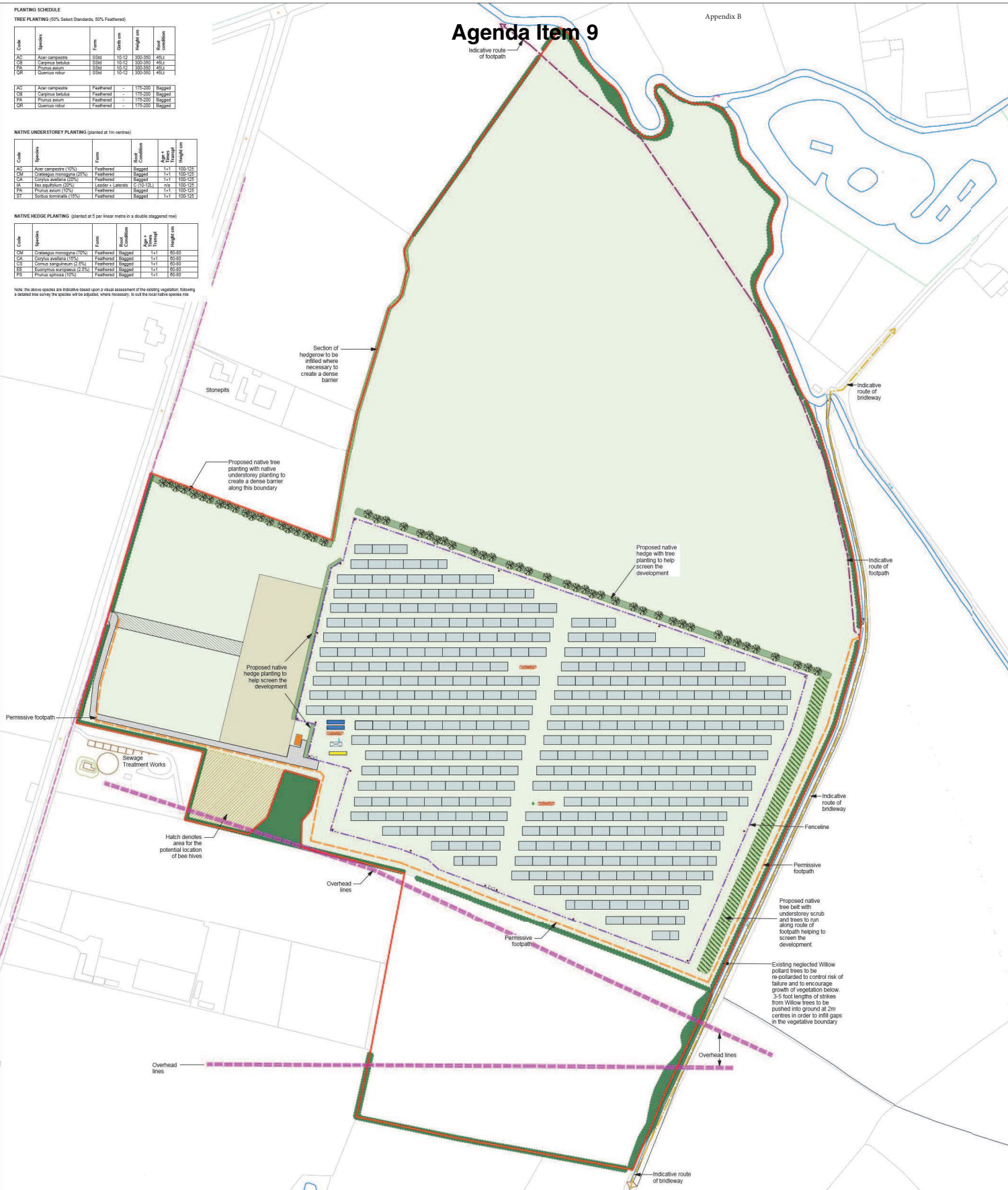
NATIVE HEDGE PLANTING (planted at 5 per linear metre in a double staggered row)

Code	Species	Form	Planting Method	Planting Density	Planting Height
CM	Crataegus monogyna (50%)	Feathered	Bagged	1:1	80-90
OC	Crataegus avellana (10%)	Feathered	Bagged	1:1	80-90
OS	Osprey hawthorn (20%)	Feathered	Bagged	1:1	80-90
ST	Stachys annua (10%)	Feathered	Bagged	1:1	80-90

Note: The above species are illustrative based upon a visual assessment of the existing vegetation. Following a detailed tree survey the species will be adjusted, where necessary, to suit the local native species mix.

Agenda Item 9

Appendix B



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KEY

- Application site boundary
- Proposed fenceline
- Area to be over seeded with grass seed containing 5% wildflower seed mix.
- Approximate extent of existing vegetation to be retained
- Approximate route of bridleway
- Overhead power lines
- Approximate extent of public right of way footpath
- Proposed module structure
- Proposed Permissive Footpath
- CCTV poles
- Proposed collecting / transfer station
- Section of existing hedgerow to be infilled where necessary
- DNO access and Hard Standing Area
- Double inverter platform
- Proposed native hedgerow / shrub understorey planting
- Temporary construction access
- Single inverter platform
- Proposed Tree Belt
- Temporary construction compound
- Storage Container
- Energy Storage Containers
- Area for the potential location of bee hives

Proposed Thame Solar Farm

Scale 1:1250 @ 1

Site Layout & Landscape Mitigation

Date : 08/12/2014

Ref : Thame Layout REV 6

Produced : KB

Approved : DB

Luminous Energy Ltd
The Old Bakehouse,
15 Church Street, Chippenham,
Wiltshire SN15 3BS
t: 0333 5770190
e: info@luminousenergy.co.uk

Page 50



Site Layout Plan

Thame Solar Farm

FS 15° - Double Support - SMA

Coordinates 51.7470° N 00.9350° W
 Country United Kingdom
 Region / Province Oxfordshire
 Municipality Towcester

- Key**
- ComBox, FoBox & Antenna
 - DNO Transfer Station Area
 - Collecting Station
 - PADCON monitoring camera
 - Electricity / Telephone poles
 - Meter Box (Close to DNO Transfer Station)
 - Safety Distance (to electric line)
 - Public Footpath
 - DNO Access and Hara Standing Area
 - Temporary Construction Access Road
 - Indicative Existing Hedge
 - Point of Connection
 - Site Boundary
 - Solar Modules
 - Construction Boundary
 - Fencing
 - Double Inverter Platform
 - Storage Container
 - Energy Storage Container
 - Temporary Construction Compound
 - CCTV Pole (3.5m high)
 - Existing Tree
 - Indicative Cable Route

Project Data

- Area of perimeter fencing - approx. 6.68 ha
- Length of perimeter fencing - approx. 1,079 m

Inverter

- 4 x SMA SC9000
- = 2 Double Inverter stands

Collecting Stations

- 1

Plant System Rating (about)

- 4.305000 MWp DC

Row Spacing

- FS 10er 15° / 15 spacing (Hz)
- 2 modules / none
- Shading / Safety distance
- Sun Angle / Shadow Angle - 15.32° / 24.65°



Sketch from the table section
 not to scale

Parameters

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

Rev	changes in the design	name	checked	date
RevG	Site Layout Plan to 4.305MWp	M.F.B.	<input checked="" type="checkbox"/>	04.12.2014
RevF	S&S Layout Plan	M.F.B.	<input checked="" type="checkbox"/>	26.11.2014
RevE	S&S Layout Plan to S&W	M.F.B.	<input checked="" type="checkbox"/>	24.11.2014
RevD	Scum Field Removal, Inverters Relocation	M.F.B.	<input checked="" type="checkbox"/>	22.10.2014
RevC	Perim. Screening, Perim. Modification, Tables Removal	M.F.B.	<input checked="" type="checkbox"/>	17.10.2014
RevA	Site Layout Plan	M.F.B.	<input checked="" type="checkbox"/>	19.08.2014

for review for construction as built

Preliminary Design
 scale 1:4000 @ A3

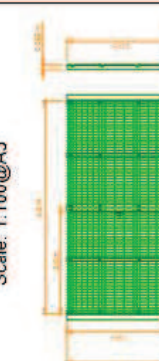
Thame Solar Farm_P02_SP_RevG

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 Florian Bockholt
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 Project Planning
 Elektrotechnik Engineering

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



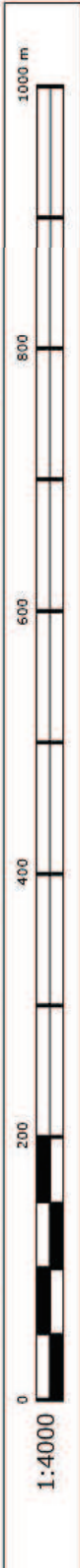
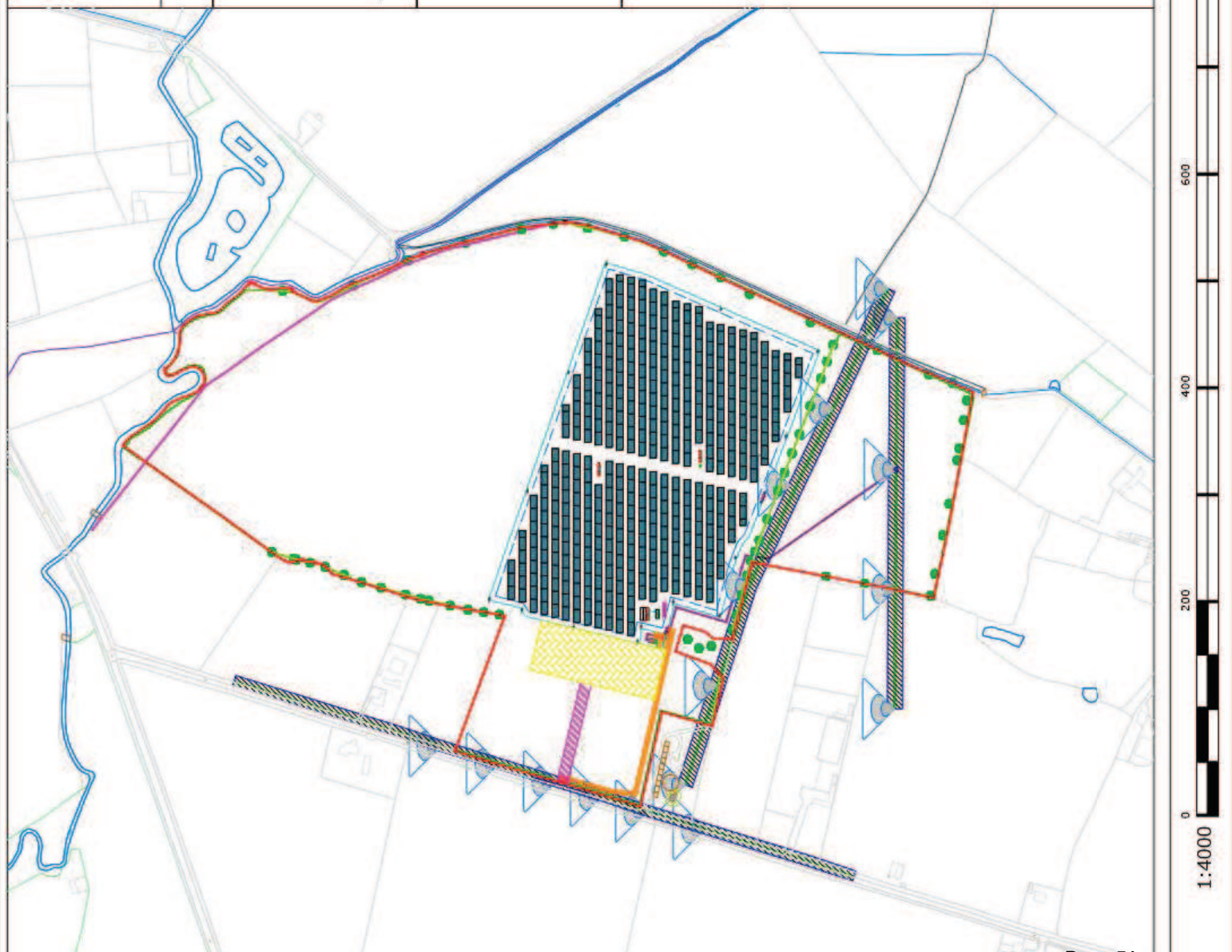
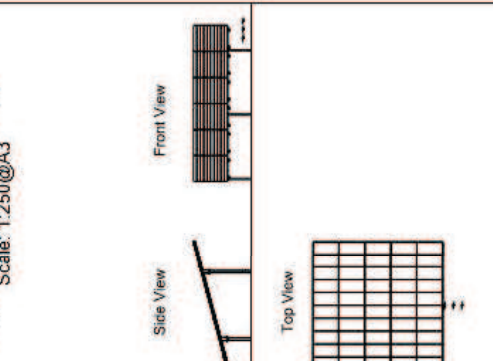
Typical Elevation for Gate
 Scale: 1:100@A3



Typical Elevation for Fence
 Scale: 1:100@A3

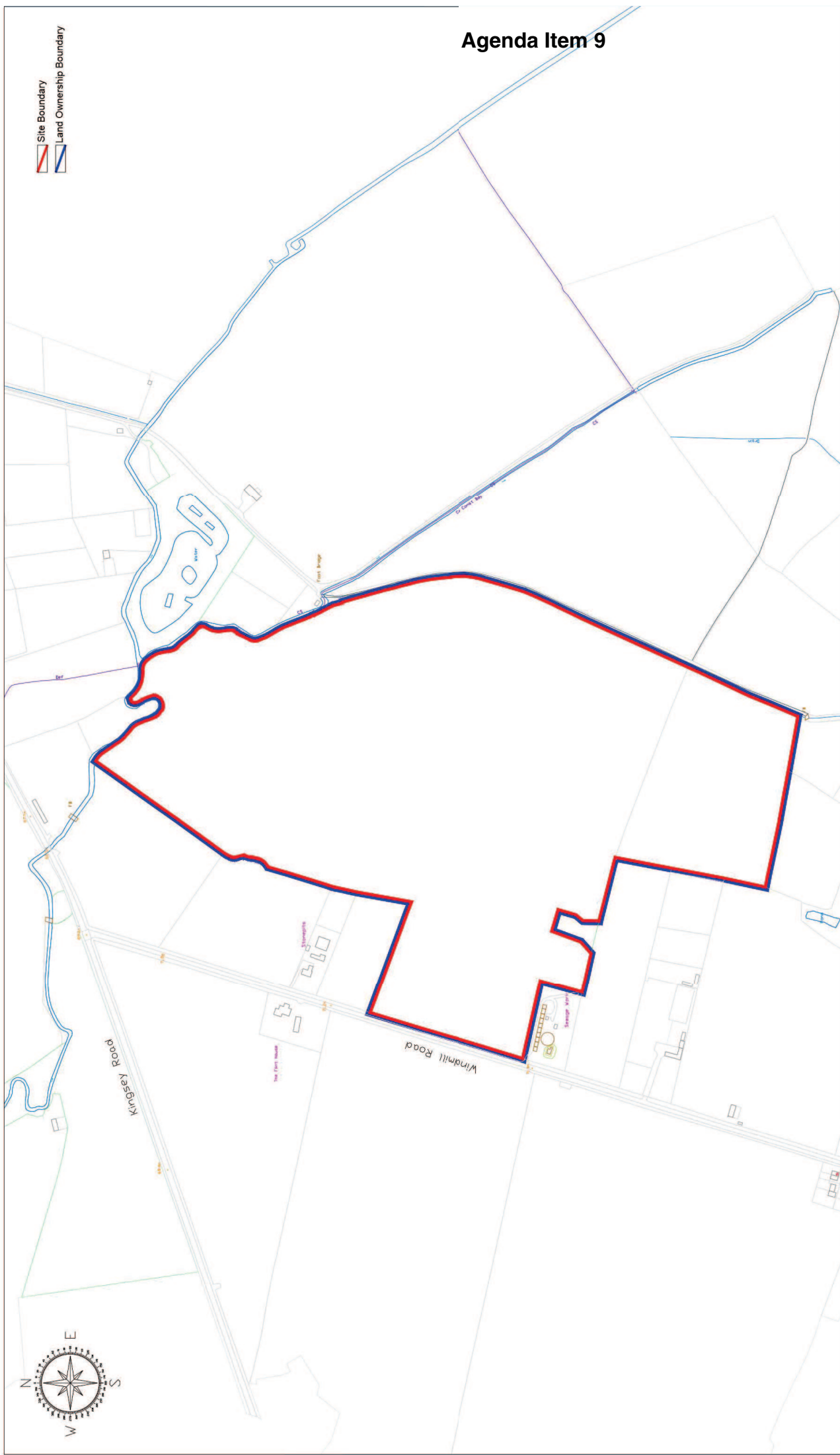


Typical Elevation for PV Array
 Scale: 1:250@A3



Agenda Item 9

Site Boundary
Land Ownership Boundary



Plan description: Thame Solar Farm Site Location Plan		Drawing Reference: Thame Solar Farm_PO1_SLP_RevB	
Date: 20/06/2014	Editor: M.F.B.	Revision:	Checked:
Date: 05/12/2014	M.F.B.		
Coordinates: longitude: -0.9350 latitude: 51.7470		Reference drawings:	
Site: Thame Solar Farm Stonepits Windmill Road OX9 3QH			
		Date: 05/12/2014	Scale: 1:2000@A1

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