

## **Great North Road Solar and Biodiversity Park**

Environmental Statement Volume 3, Chapter 5 Development Description Figures (Part 1 of 3)

Document reference – EN010162/APP/6.3.5B

Revision number 3

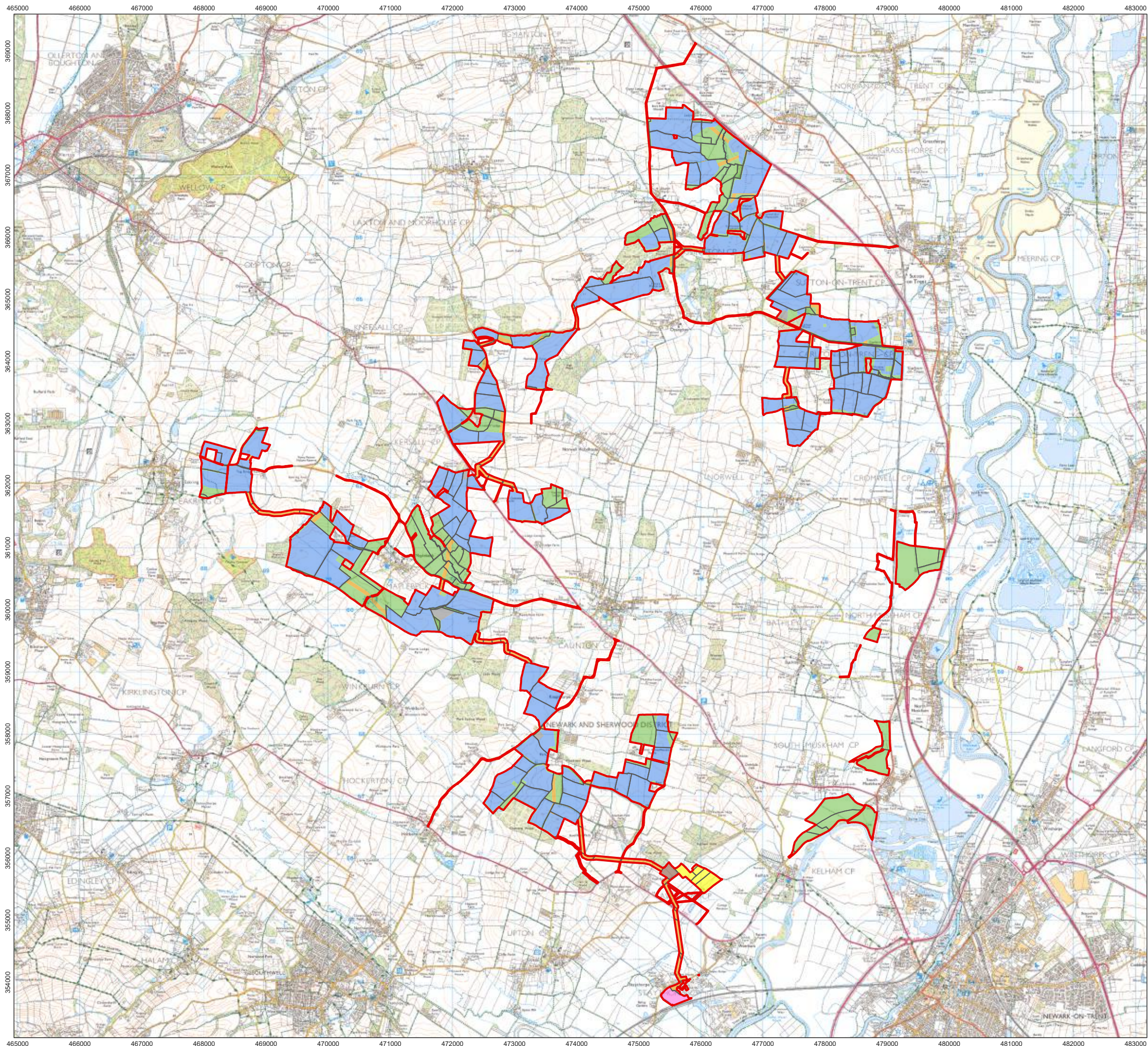
December 2025

Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009, APFP Regulation 5(2)(a)

### 6.3.5 ENVIRONMENTAL STATEMENT VOLUME 3, CHAPTER 5 DEVELOPMENT DESCRIPTION FIGURES

<i>Revision</i>	<i>Drawing Title</i>	<i>Reason for Change</i>
01	Figure 5.1 Works Areas	No Change
02	Figure 5.2 Masterplan	Addition of Key Sheet
01	Figure 5.3 Environmental Constraints	No Change
01	Figure 5.4 Illustrative Design	No Change
01	Figure 5.5 Illustrative Construction Layout	No Change
01	Figure 5.6 Illustrative Solar Array Plan, Elevation and Cross-Section	No Change
01	Figure 5.7 Illustrative CCTV Pole	No Change
01	Figure 5.8 Illustrative Access Track Cross-Section	No Change
01	Figure 5.9 Illustrative Cable Trench Cross-Section	No Change
01	Figure 5.10 Illustrative Inverter, Transformer Elevations	No Change
01	Figure 5.11 Illustrative Fence and Gate Elevations	No Change
01	Figure 5.12 Illustrative Substation Layout	No Change
01	Figure 5.13 Illustrative Construction Compound Layout	No Change
01	Figure 5.14 BESS Elevations	No Change
01	Figure 5.15 PCS Elevations	No Change
01	Figure 5.16 132kV Substation Elevation	No Change
01	Figure 5.17 400kV Substation Elevation	No Change
01	Figure 5.18 132kV and 400kV relay and control room	No Change





- Order Limits
- Field Boundaries
- Works Numbers
  - Works No. 1 Solar PV
  - Works No. 2 Cable
  - Works No. 3 Mitigation
  - Works No. 4 Substations
  - Works No. 5A BESS
  - Works No. 5B 400kV Substation
  - Works No. 6 National Grid Substation
  - Works No. 7 Staythorpe BESS Connection
  - Works No. 8 Access

1:60,000 Scale @ A3  
0 0.5 1 2 km

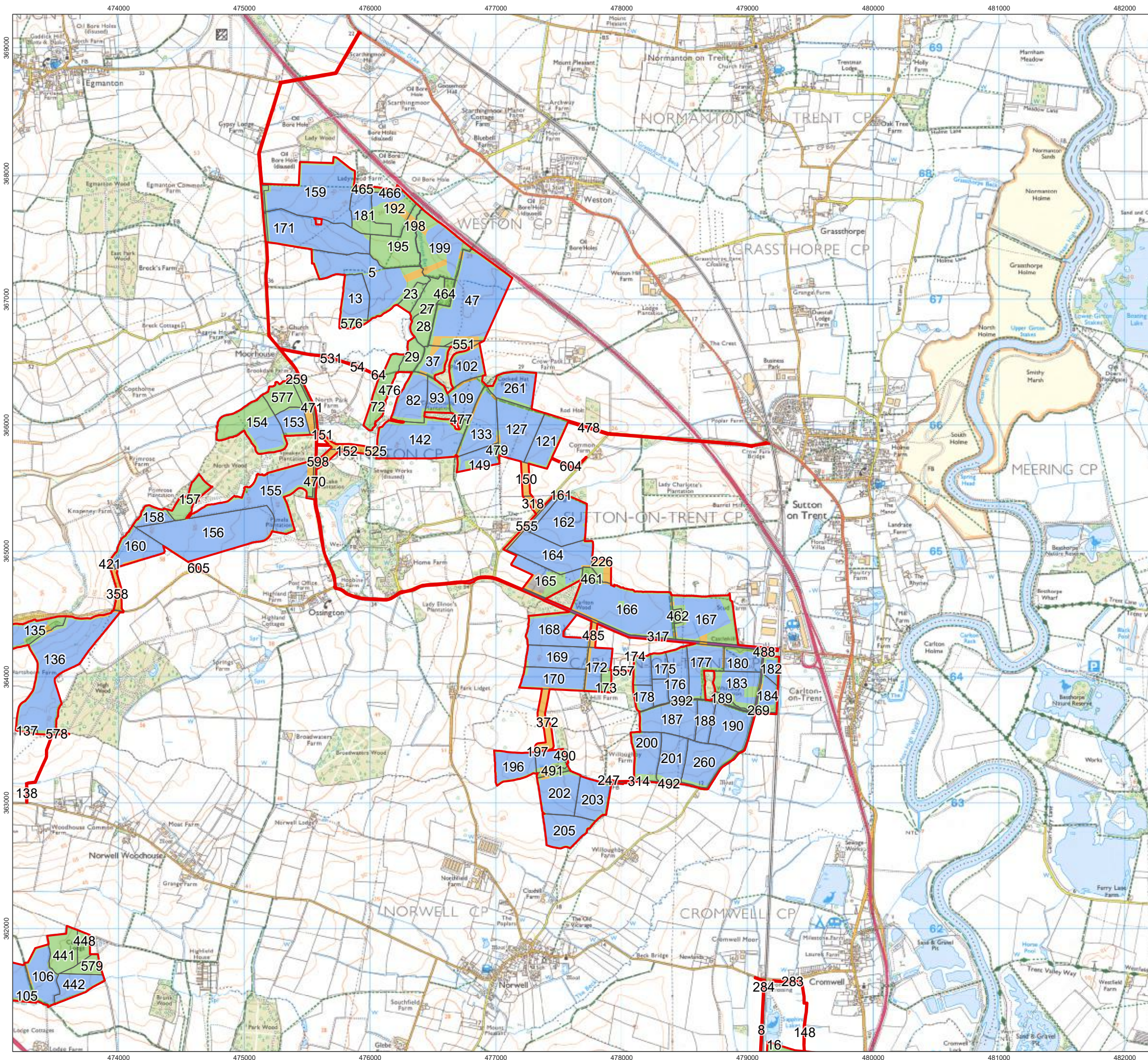


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Works Areas  
Figure 5.1

Great North Road Solar and  
Biodiversity Park  
Environmental Statement





- Order Limits
- Field Boundaries
- Works Numbers
  - Works No. 1 Solar PV
  - Works No. 2 Cable
  - Works No. 3 Mitigation
  - Works No. 4 Substations
  - Works No. 5A BESS
  - Works No. 5B 400kV Substation
  - Works No. 6 National Grid Substation
  - Works No. 7 Staythorpe BESS Connection
  - Works No. 8 Access



1:30,000 Scale @ A3

0 0.25 0.5 1 km

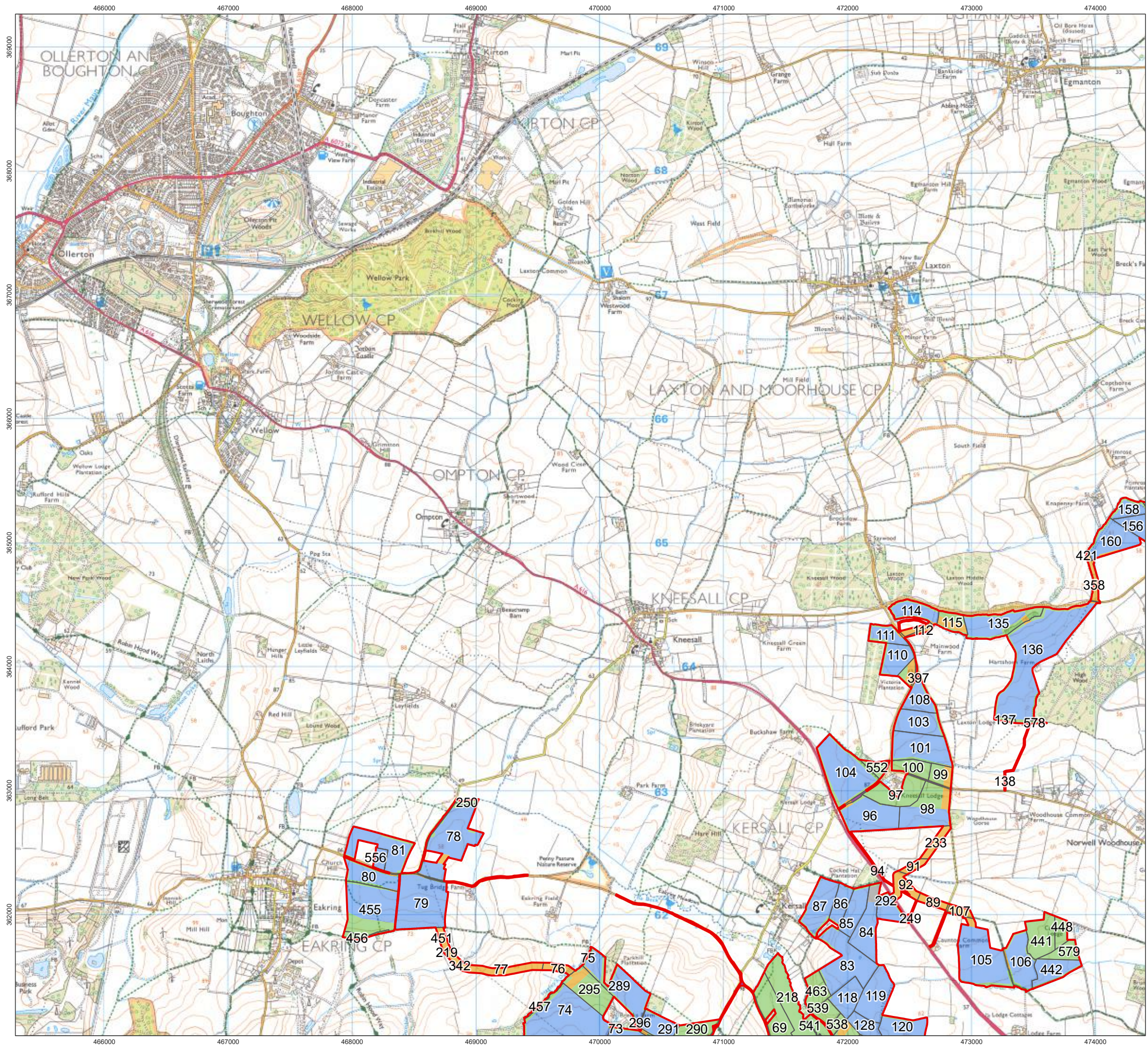
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Date: 23/06/2025

Works Areas  
Figure 5.1NE

Great North Road Solar and  
Biodiversity Park  
Environmental Statement





- Order Limits
- Field Boundaries
- Works Numbers**
- Works No. 1 Solar PV
- Works No. 2 Cable
- Works No. 3 Mitigation
- Works No. 4 Substations
- Works No. 5A BESS
- Works No. 5B 400kV Substation
- Works No. 6 National Grid Substation
- Works No. 7 Staythorpe BESS Connection
- Works No. 8 Access



1:30,000 Scale @ A3

0 0.25 0.5 1 km

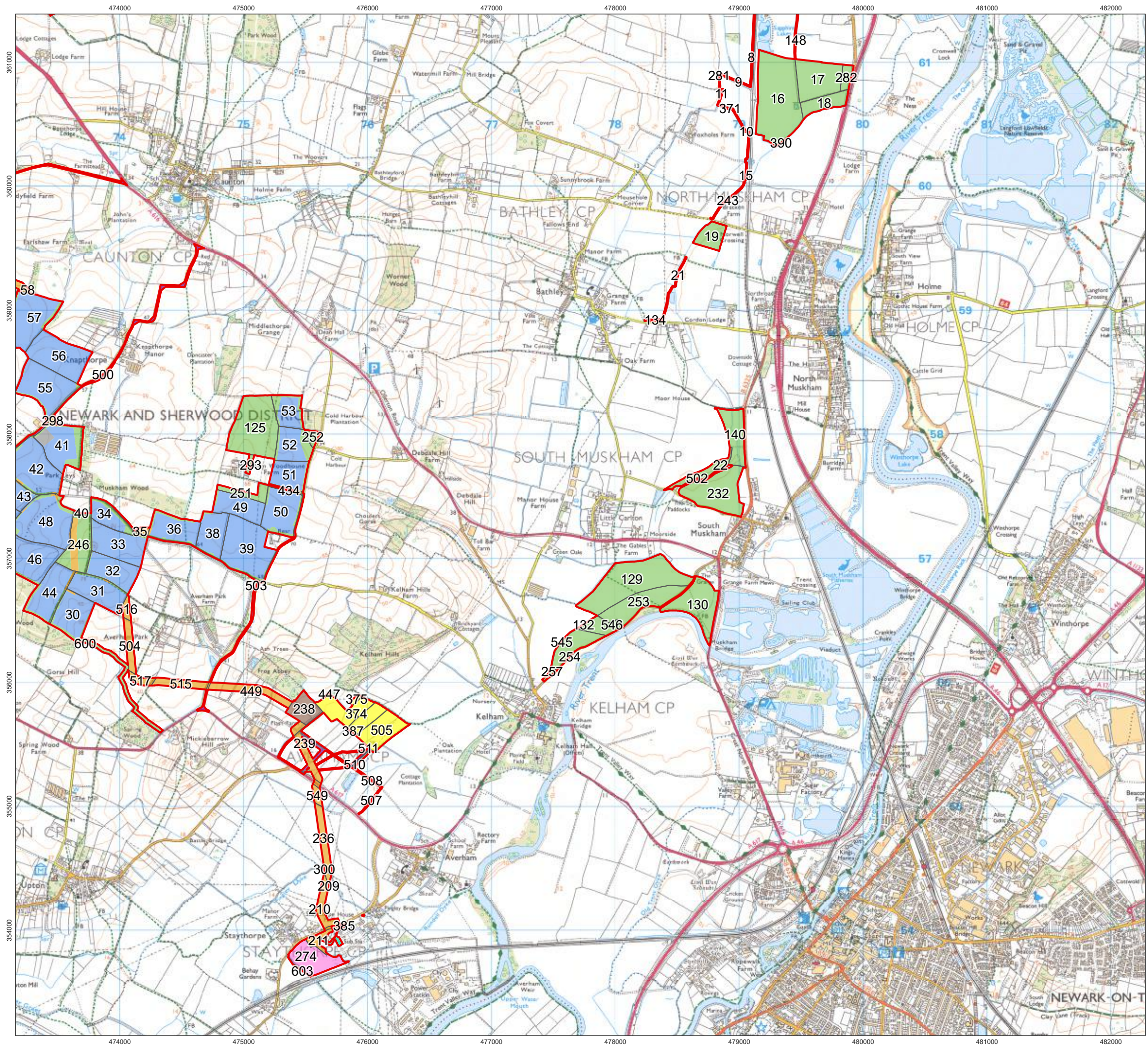
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**Works Areas  
Figure 5.1NW**

**Great North Road Solar and  
Biodiversity Park  
Environmental Statement**





- Order Limits
- Field Boundaries
- Works Numbers
- Works No. 1 Solar PV
  - Works No. 2 Cable
  - Works No. 3 Mitigation
  - Works No. 4 Substations
  - Works No. 5A BESS
  - Works No. 5B 400kV Substation
  - Works No. 6 National Grid Substation
  - Works No. 7 Staythorpe BESS Connection
  - Works No. 8 Access



1:30,000 Scale @ A3

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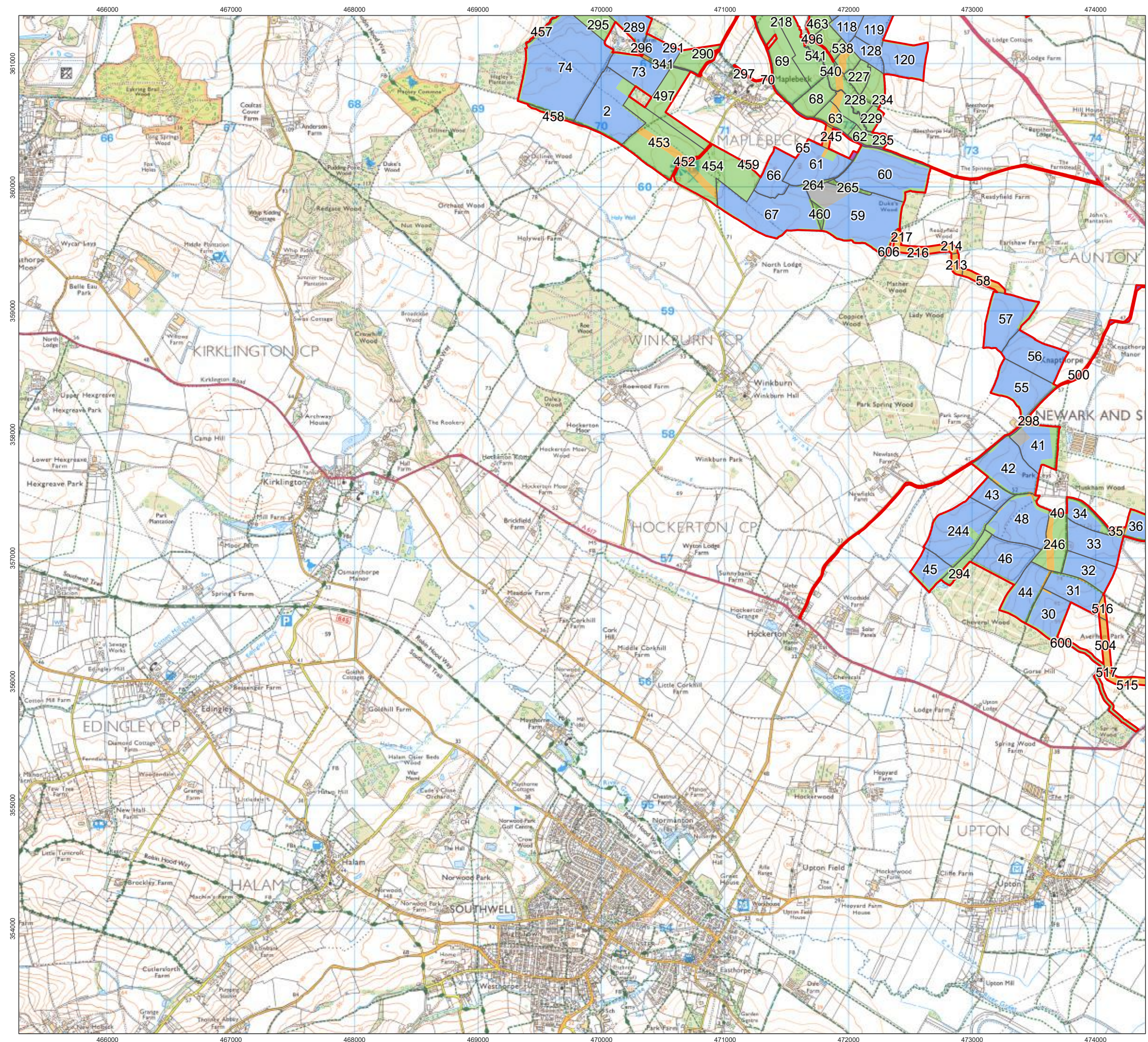
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Works Areas  
Figure 5.1SE

Great North Road Solar and  
Biodiversity Park  
Environmental Statement





- Order Limits
- Field Boundaries
- Works Numbers
  - Works No. 1 Solar PV
  - Works No. 2 Cable
  - Works No. 3 Mitigation
  - Works No. 4 Substations
  - Works No. 5A BESS
  - Works No. 5B 400kV Substation
  - Works No. 6 National Grid Substation
  - Works No. 7 Staythorpe BESS Connection
  - Works No. 8 Access



1:30,000 Scale @ A3

0 0.25 0.5 1 km

Ref: 026-ES-5.1

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Works Areas  
Figure 5.1SW

Great North Road Solar and  
Biodiversity Park  
Environmental Statement





Solar & Biodiversity Park

Key

- Site boundary
- Existing Public Rights of Way - Footpath
- Existing Public Rights of Way - Bridleway
- Proposed solar panels, inverters and gravel access tracks
- Proposed security fence
- Proposed BESS and substation areas (BESS and substation details not shown)
- Proposed tarmac access track within BESS/substation area

Green infrastructure

- Existing woodland and trees
- Existing hedgerows
- Proposed hedgerows
- Proposed hedge and tree belt
- Proposed line of trees
- Proposed woodland
- Proposed tree belt
- Areas to be reinstated
- Proposed grassland (PV areas) - species diverse
- Proposed diverse grassland
- Proposed diverse grassland - Maplebeck
- Agricultural: Arable
- Proposed wood pasture
- Proposed ecotone
- Proposed riparian corridor
- Proposed community orchard

Access Proposals

- Proposed Permissive Footpath
- Proposed Permissive Bridleway
- Footpath to be diverted
- Proposed footpath diversion route

Scale 1:30,000 @ A1

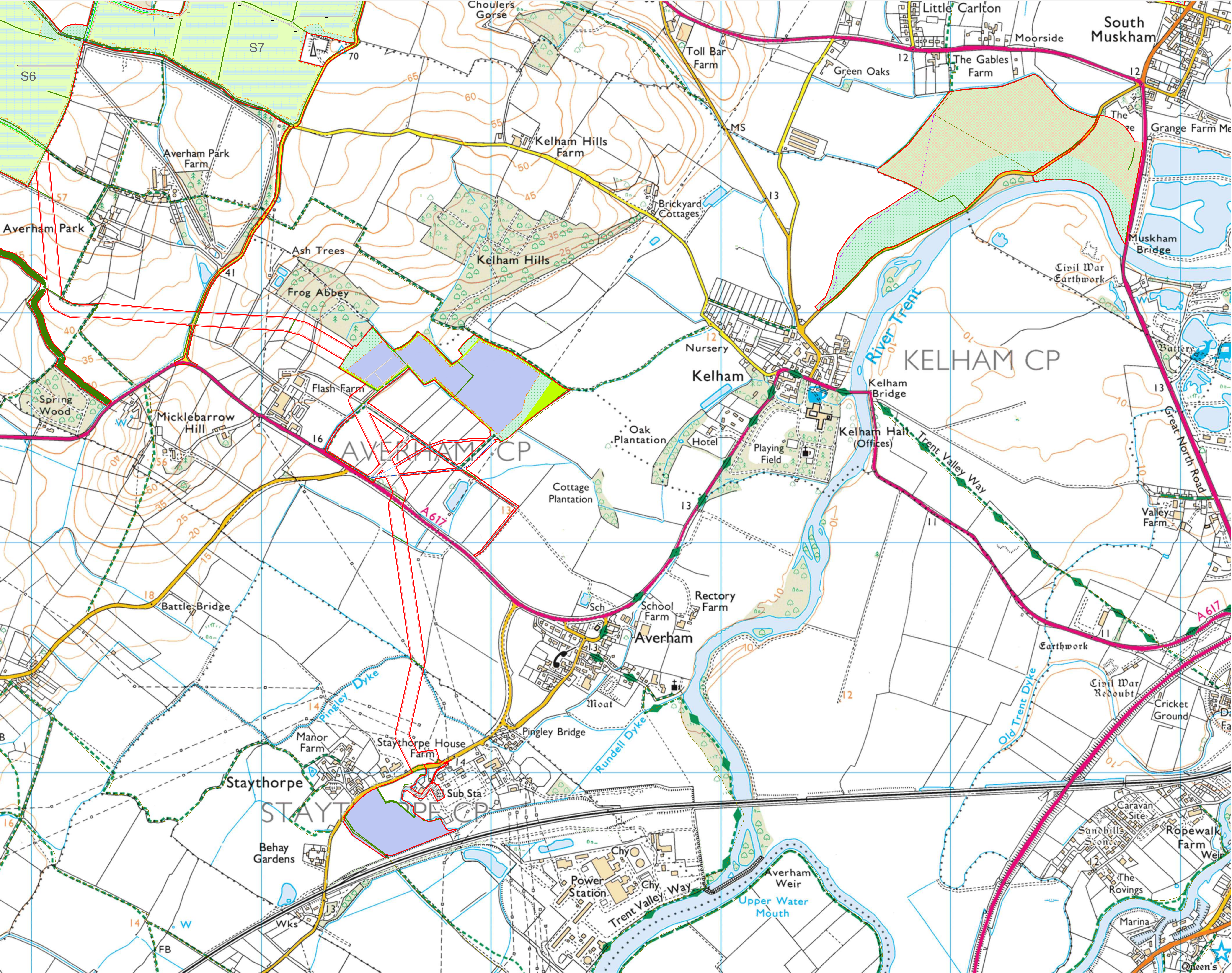
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Landscape Masterplan  
Figure 5.2 Key Sheet

Great North Road Solar  
and Biodiversity Park  
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Scale 1:7,500 @ A1

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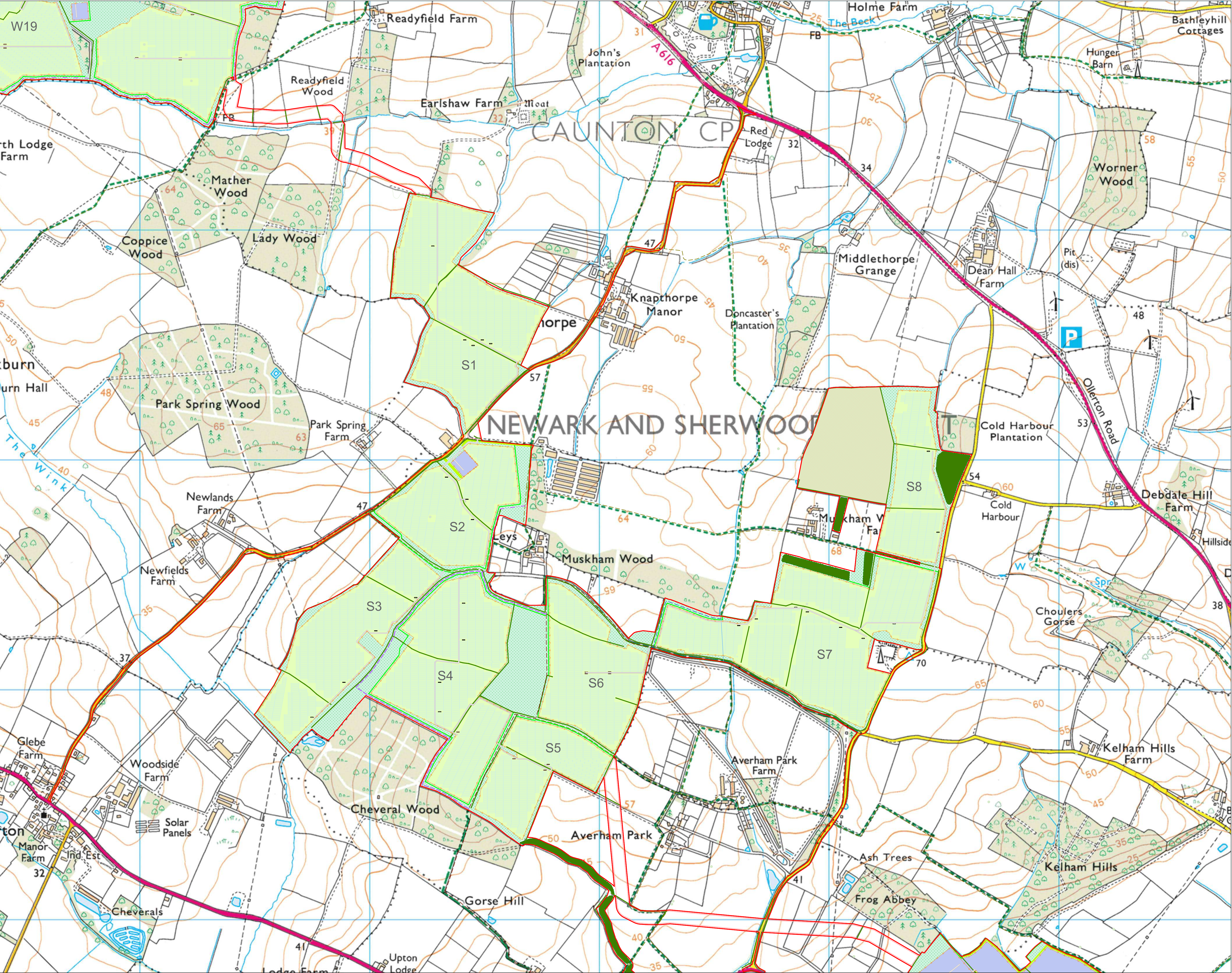
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Landscape Masterplan  
Figure 5.2 Sheet 1 of 9

Great North Road Solar and Biodiversity Park  
Environmental Statement

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Solar & Biodiversity Park

Key

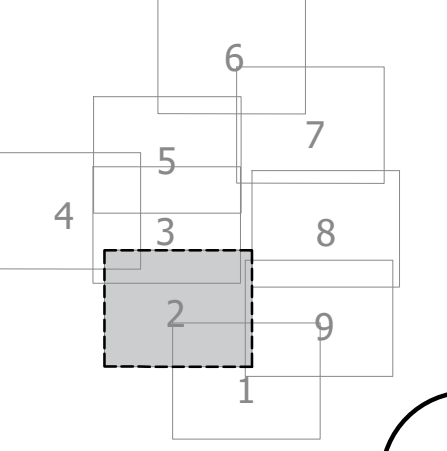
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Green infrastructure

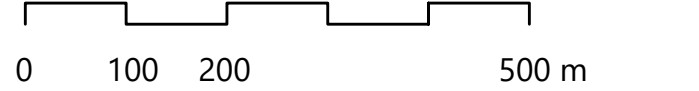
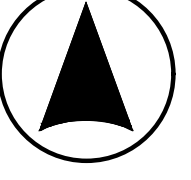
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Scale 1:7,500 @ A1



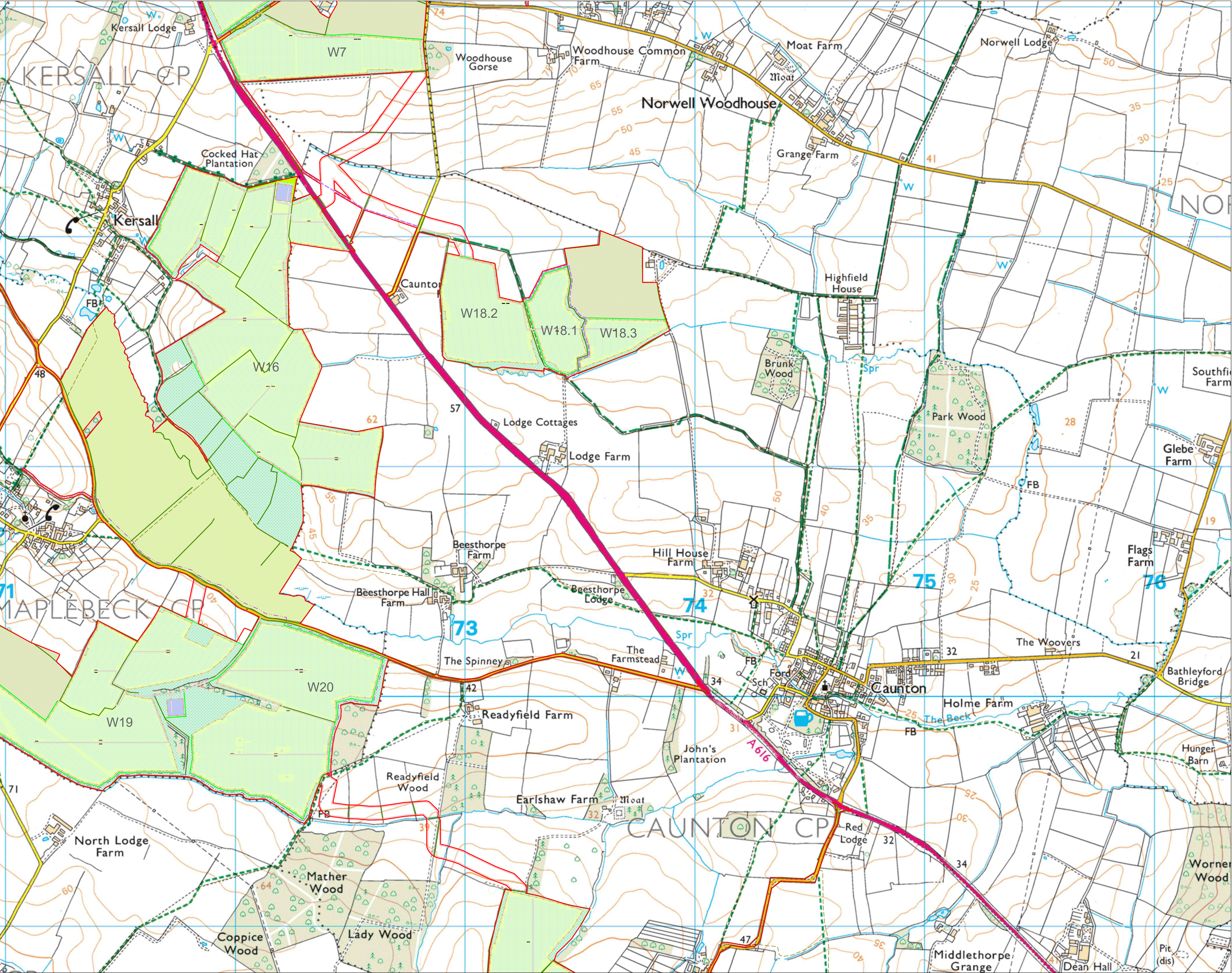
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Landscape Masterplan  
Figure 5.2 Sheet 2 of 9

Great North Road Solar and Biodiversity Park  
Environmental Statement





Solar & Biodiversity Park

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Scale 1:7,500 @ A1

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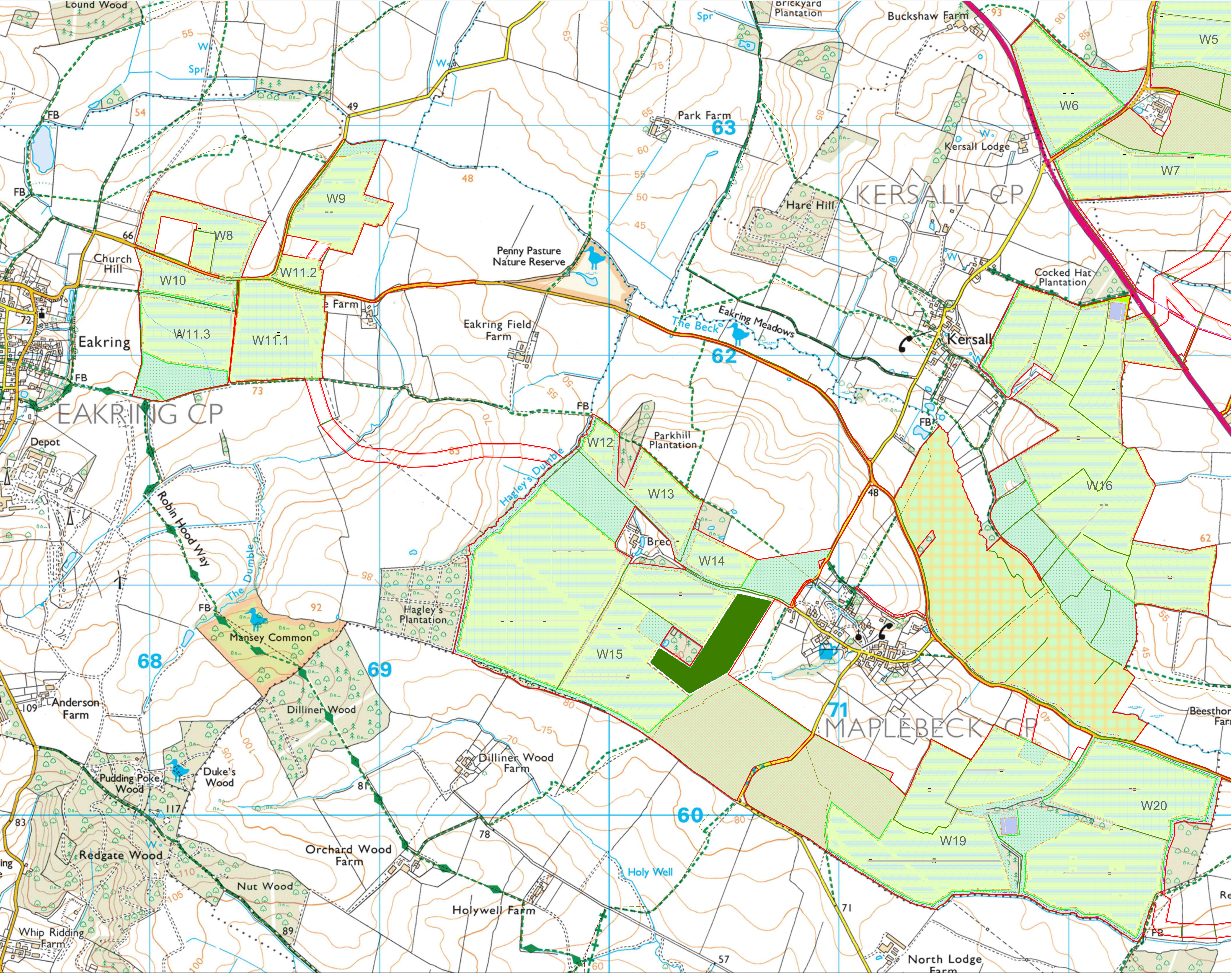
Landscape Masterplan


Figure 5.2 Sheet 3 of 9

Great North Road Solar and Biodiversity Park

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Solar & Biodiversity Park

Key

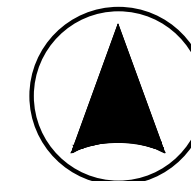
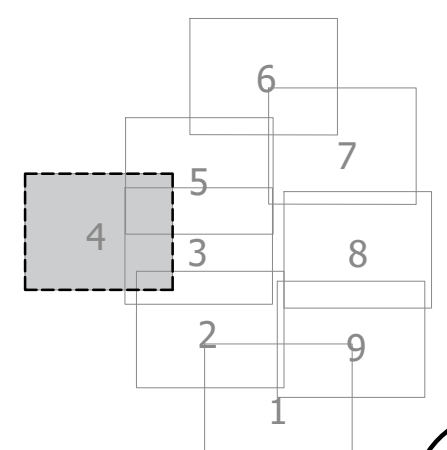
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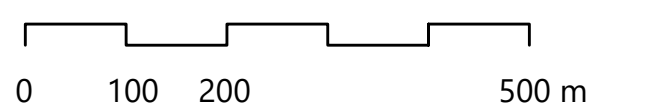
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Scale 1:7,500 @ A1



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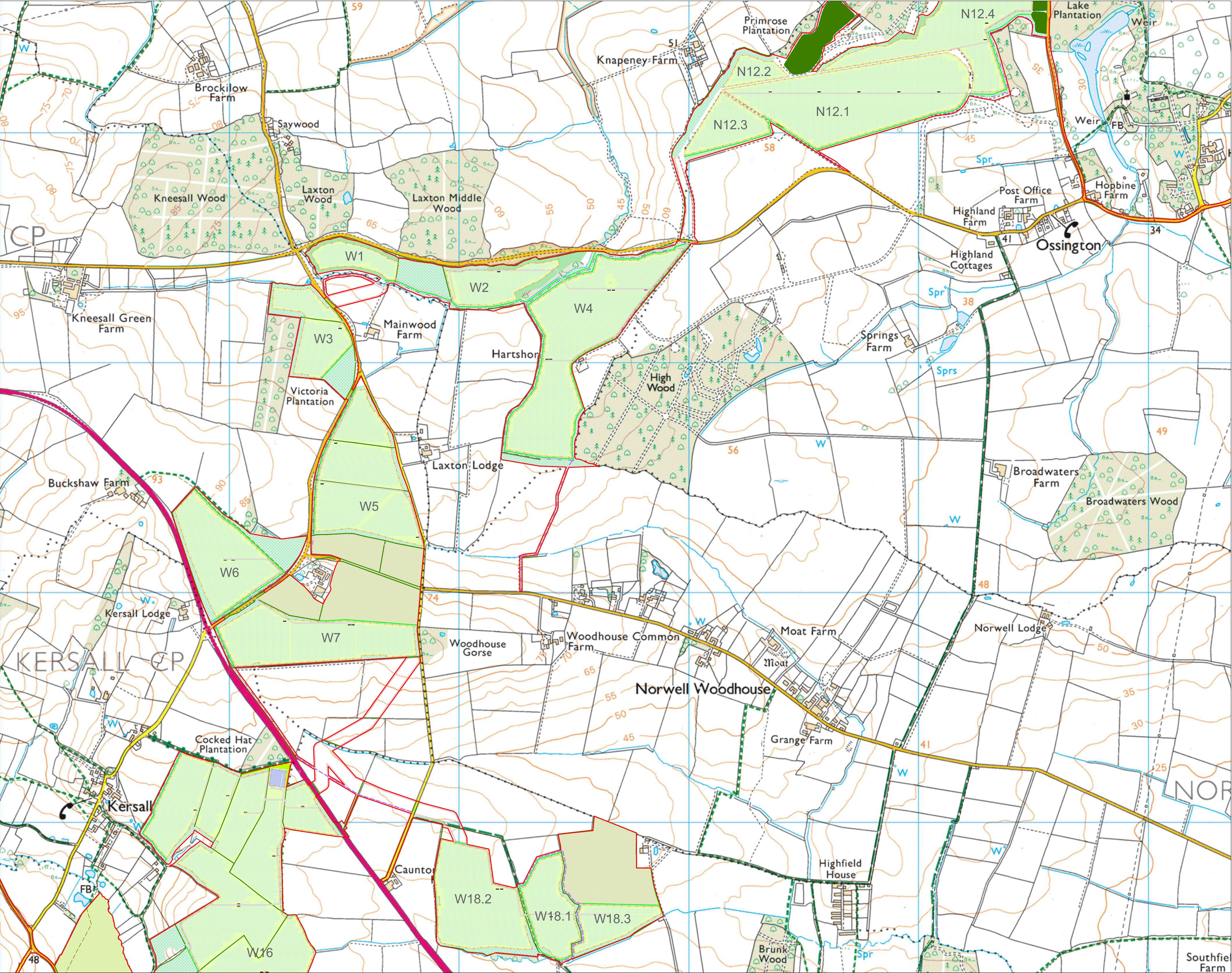
Figure 5.2 Sheet 4 of 9


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Great North Road Solar and Biodiversity Park

Environmental Statement







Solar & Biodiversity Park

Key

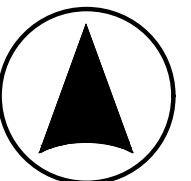
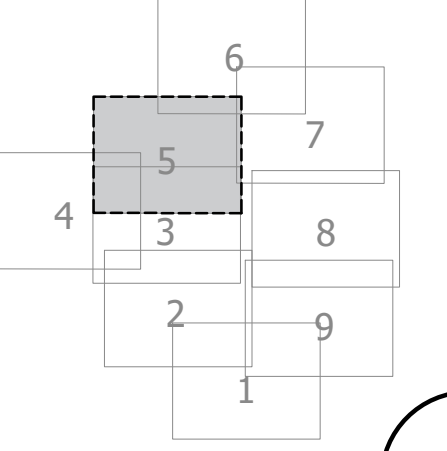
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Green infrastructure

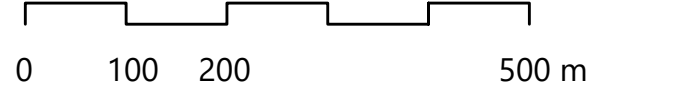
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Access Proposals

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Scale 1:7,500 @ A1



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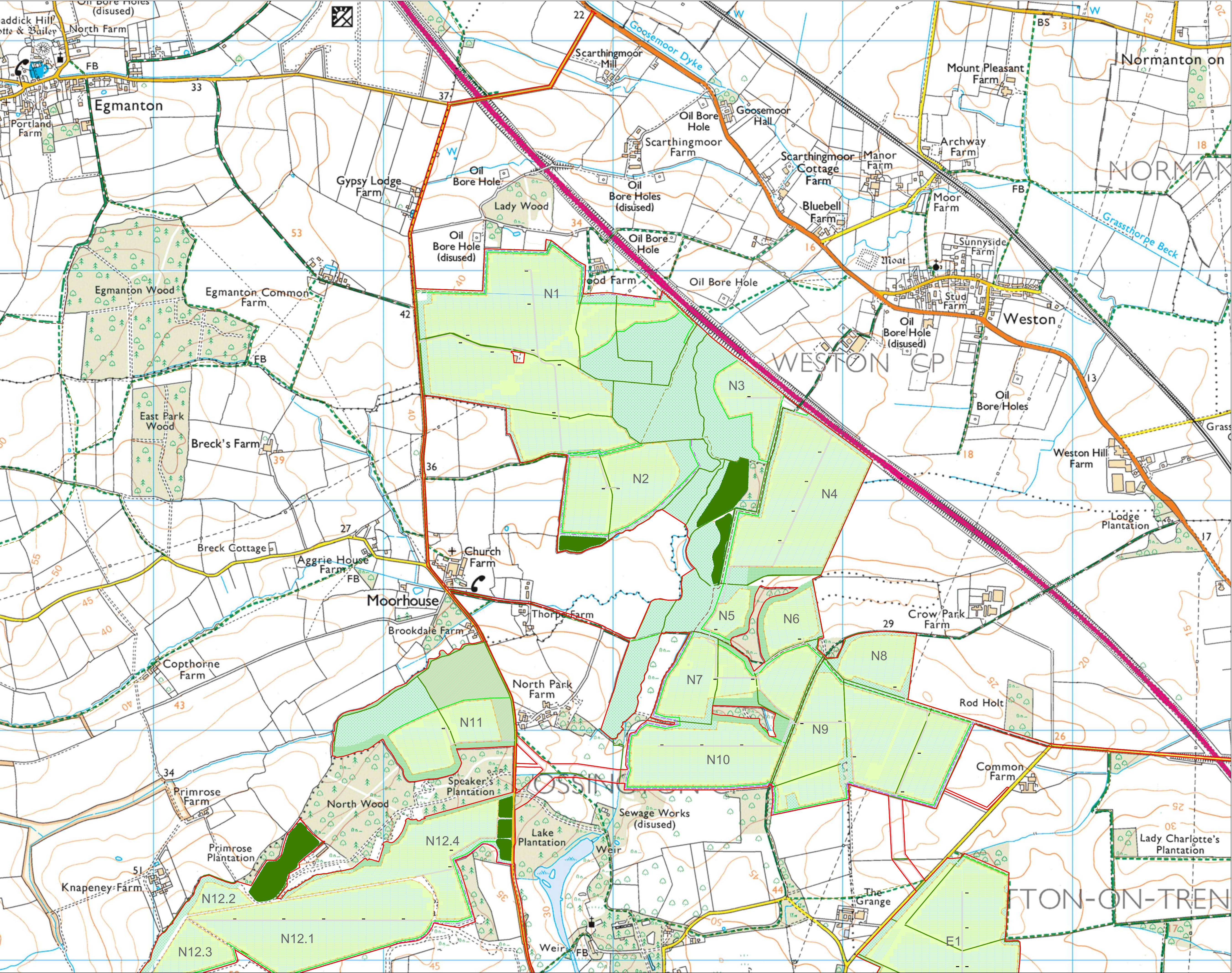
Landscape Masterplan

Figure 5.2 Sheet 5 of 9

Great North Road Solar and Biodiversity Park

Environmental Statement





Solar & Biodiversity Park

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Scale 1:7,500 @ A1

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Landscape Masterplan

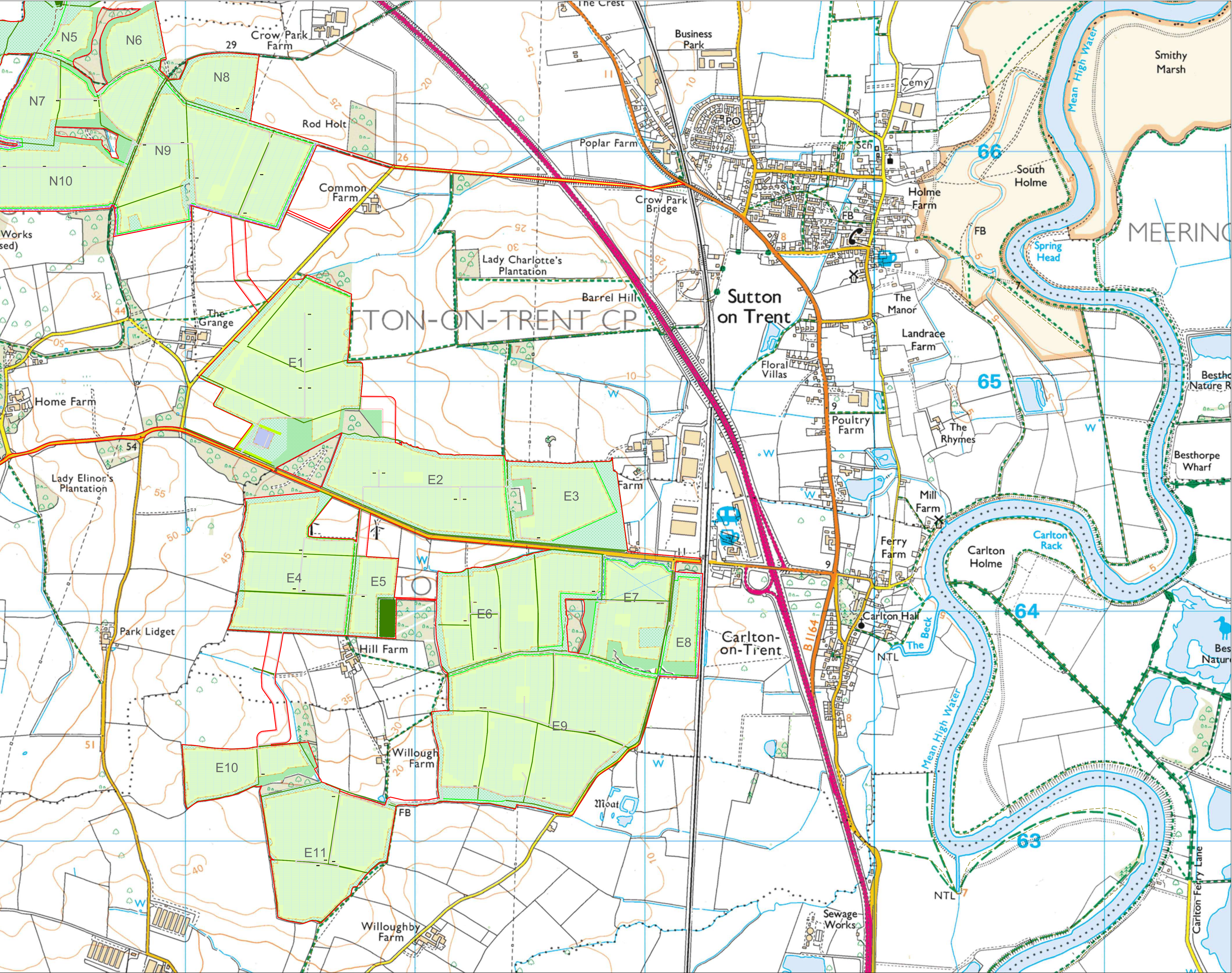
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Great North Road Solar and Biodiversity Park

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Solar & Biodiversity Park

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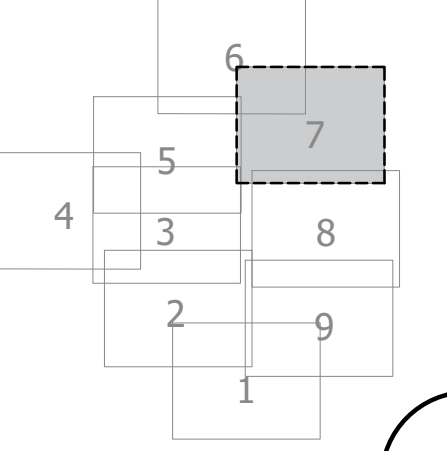
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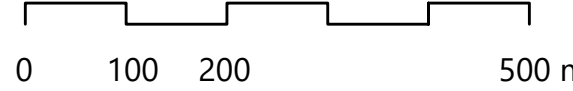
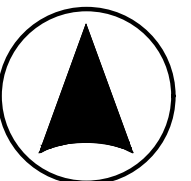
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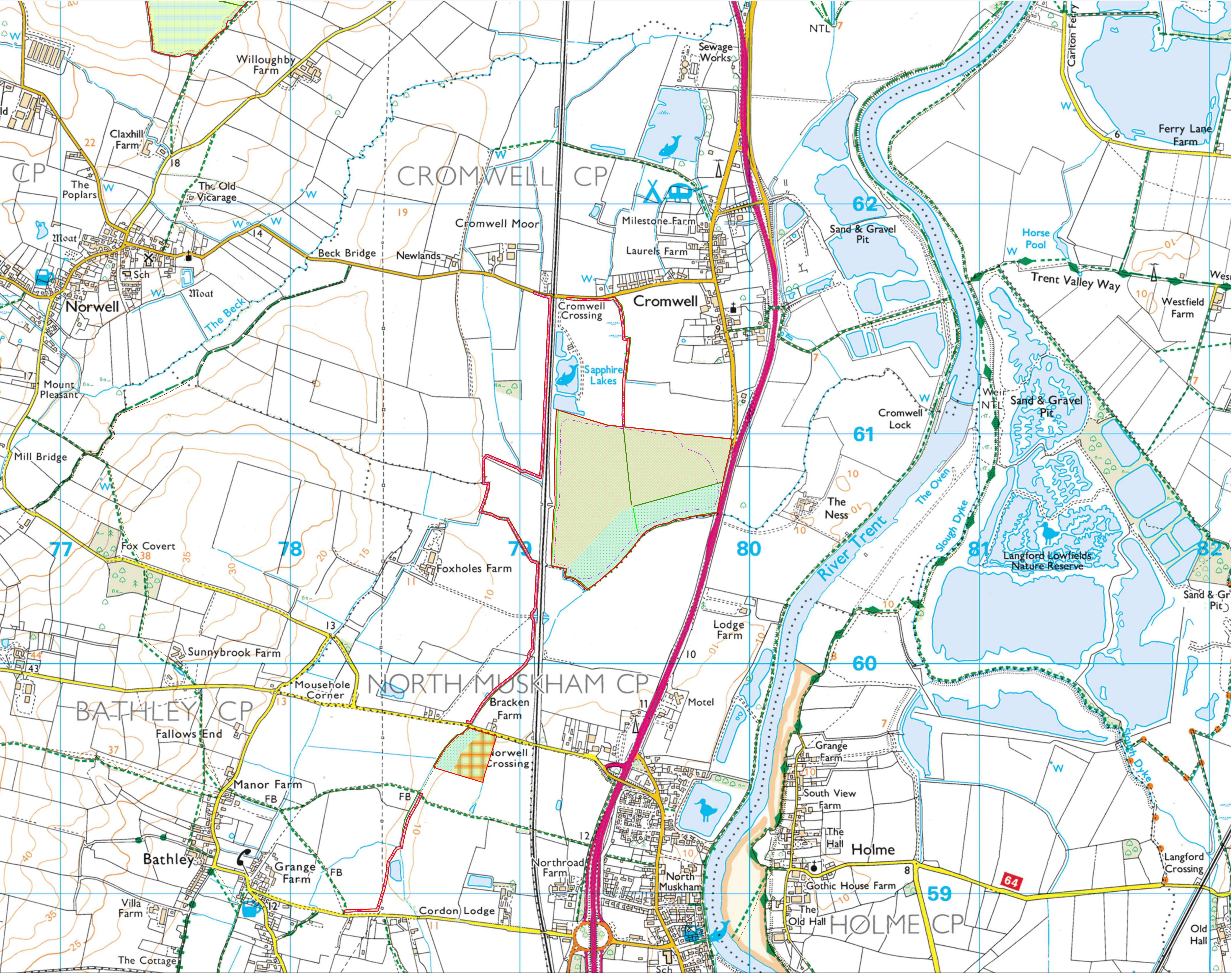



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Landscape Masterplan  
Figure 5.2 Sheet 7 of 9

Great North Road Solar and Biodiversity Park  
Environmental Statement







Solar & Biodiversity Park

Key


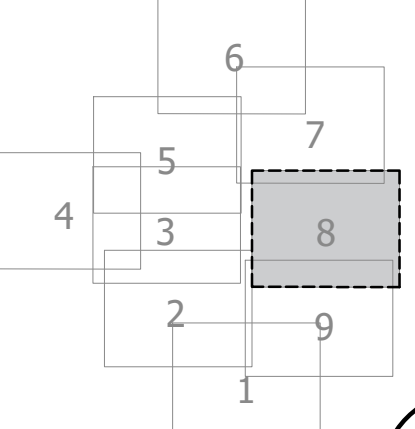
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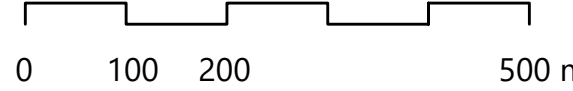
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Scale 1:7,500 @ A1




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Landscape Masterplan  
Figure 5.2 Sheet 8 of 9

Great North Road Solar and Biodiversity Park  
Environmental Statement







Solar & Biodiversity Park

Key

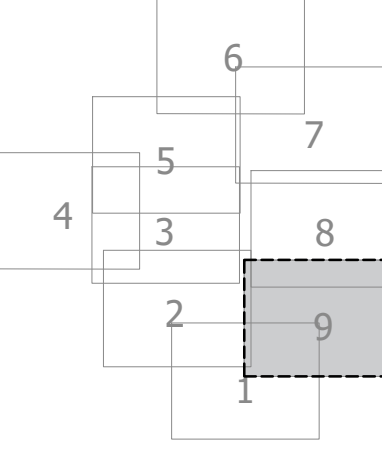
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Scale 1:7,500 @ A1



0 100 200 500 m

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Landscape Masterplan  
Figure 5.2 Sheet 9 of 9

Great North Road Solar and Biodiversity Park  
Environmental Statement