

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

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

Document reference – EN010162/APP/6.3.5A

Revision number 2

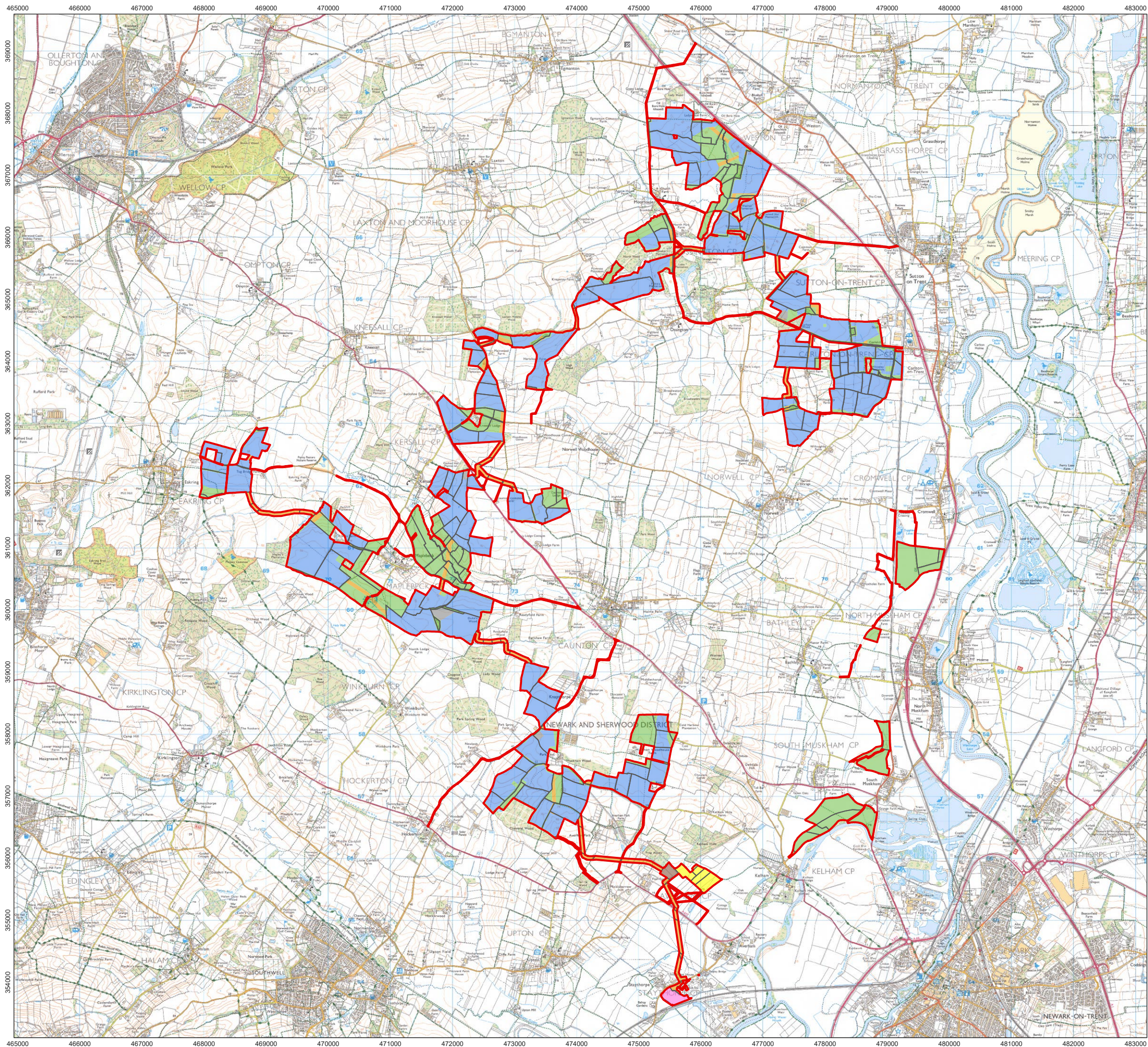
August 2025

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

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01	Figure 5.3 Environmental Constraints
01	Figure 5.4 Illustrative Design
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- 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

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0 0.5 1 2 km



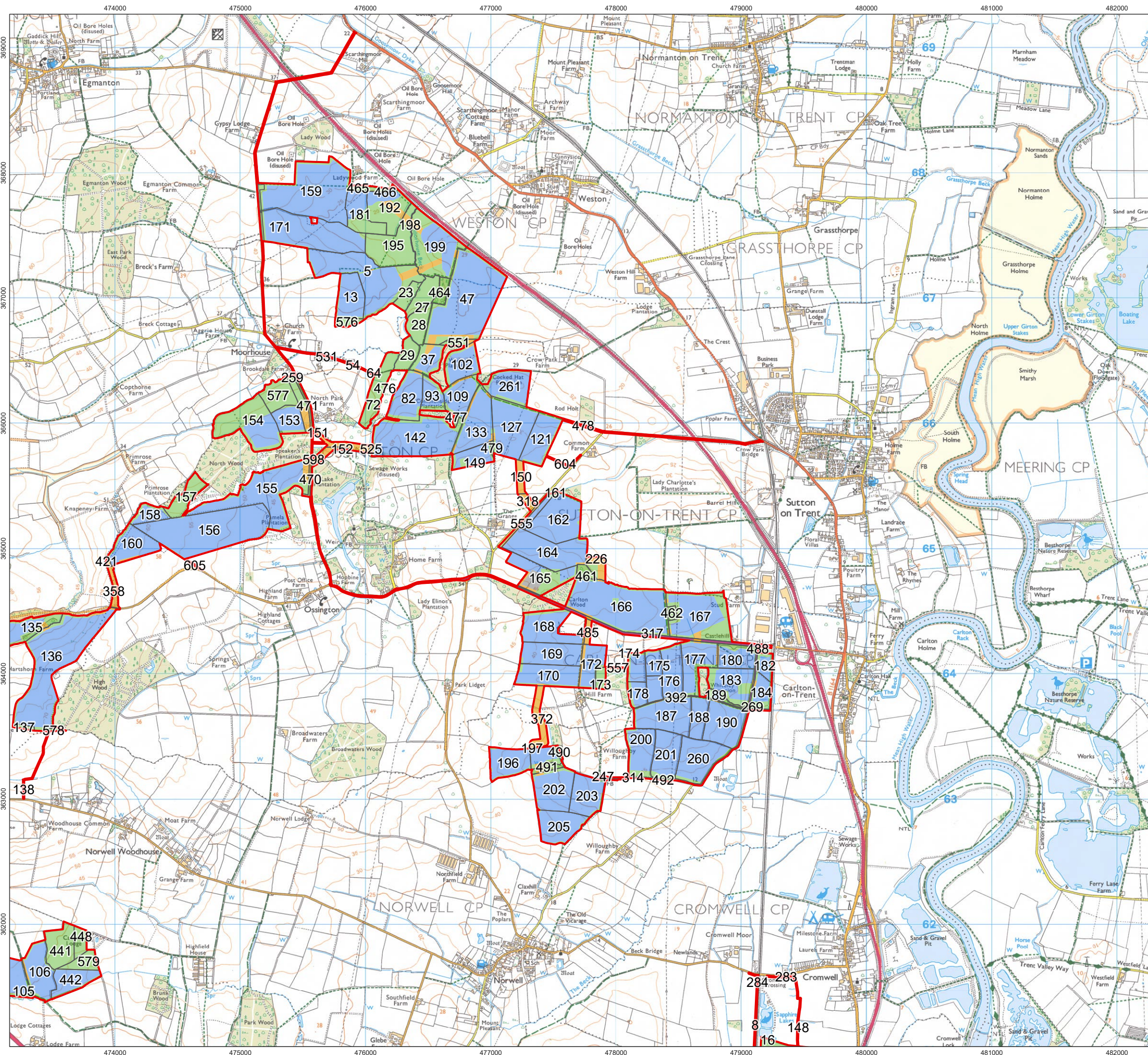
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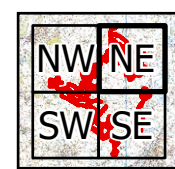
**Works Areas  
Figure 5.1**

**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

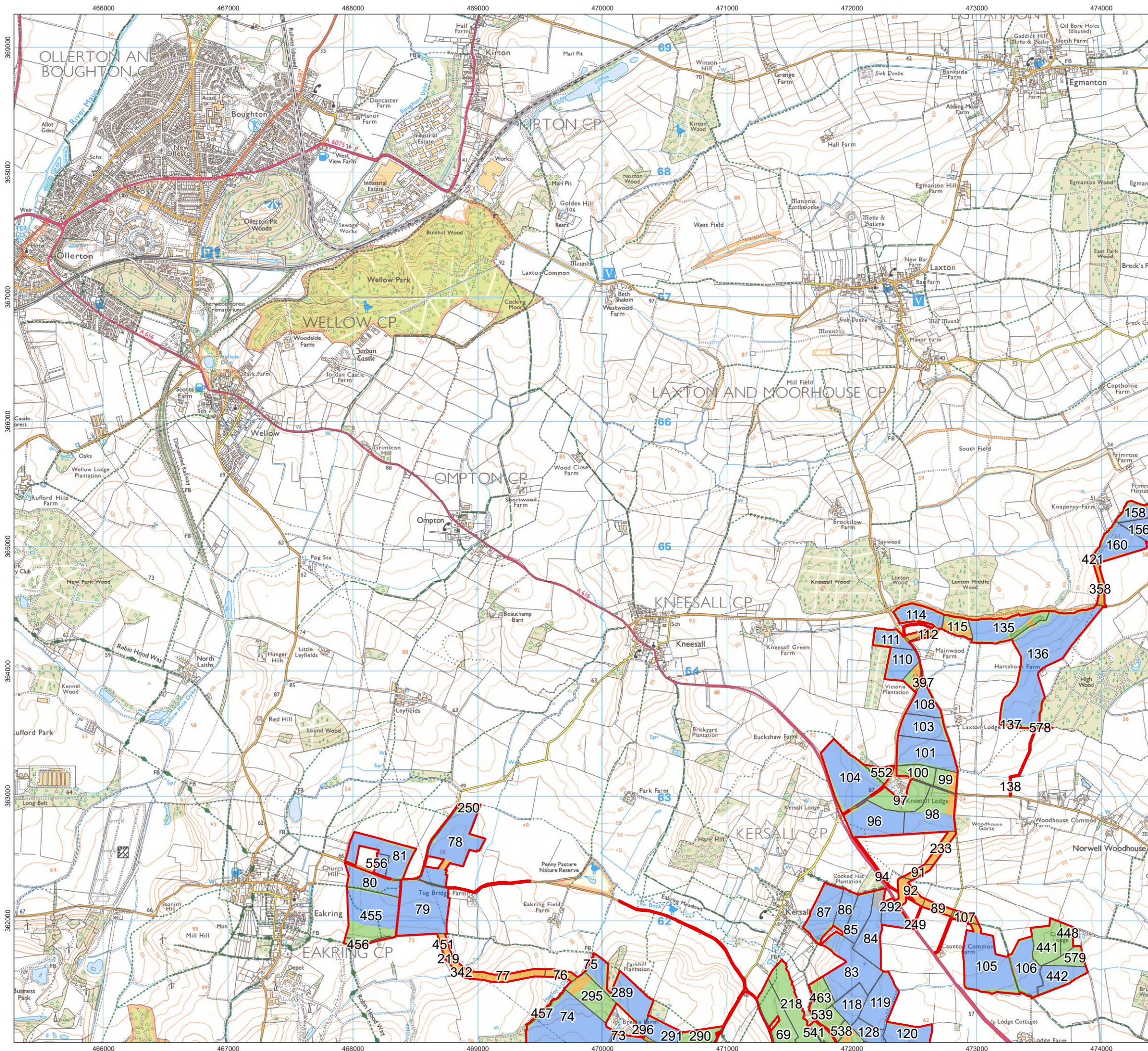


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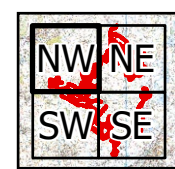
Works Areas  
Figure 5.1NE

Great North Road Solar and  
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- Order Limits
- Field Boundaries
- Works Numbers**
  - Works No. 1 Solar PV
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  - 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

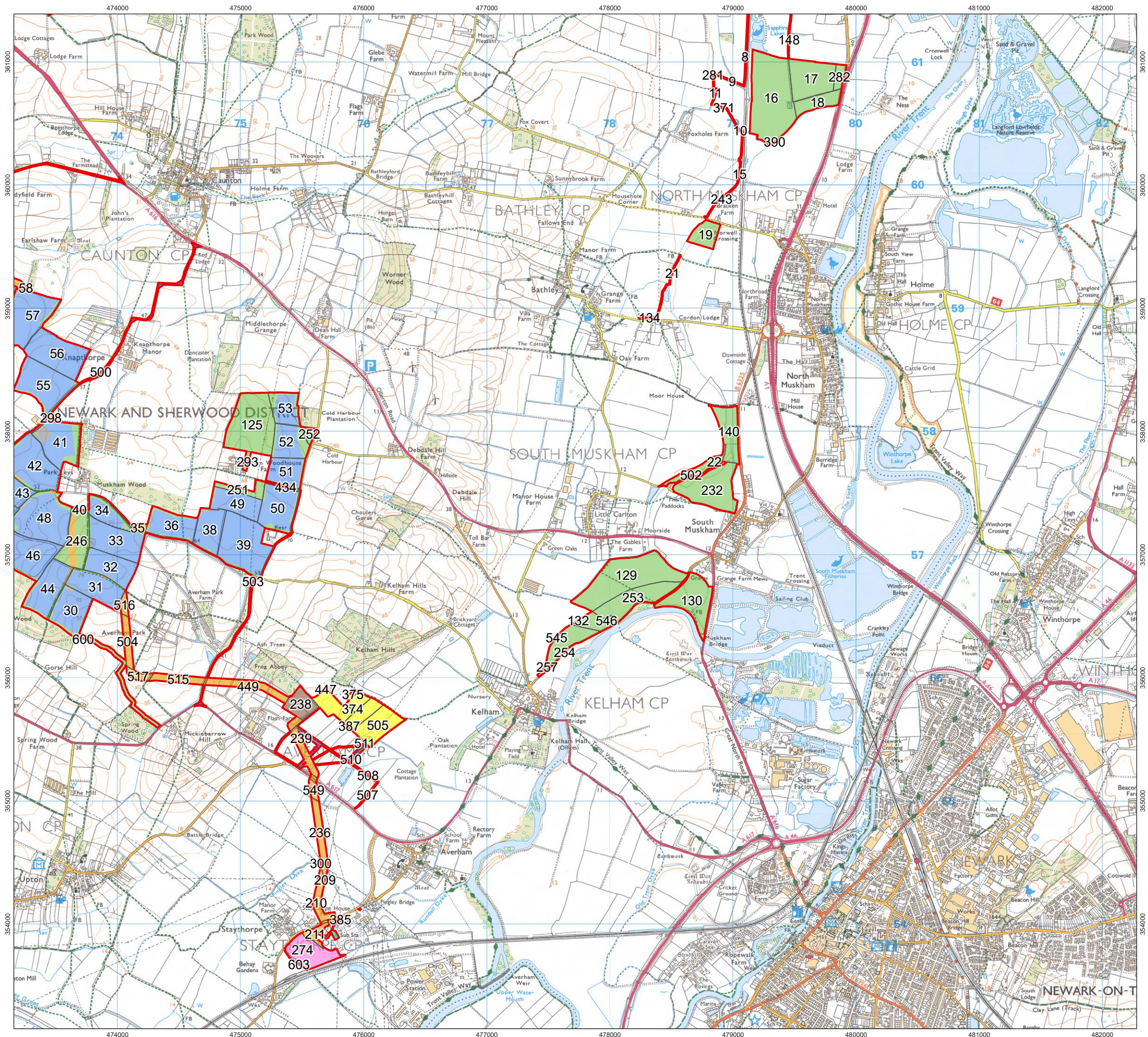


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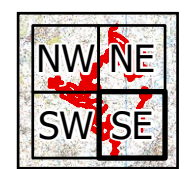
**Works Areas  
Figure 5.1NW**

**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



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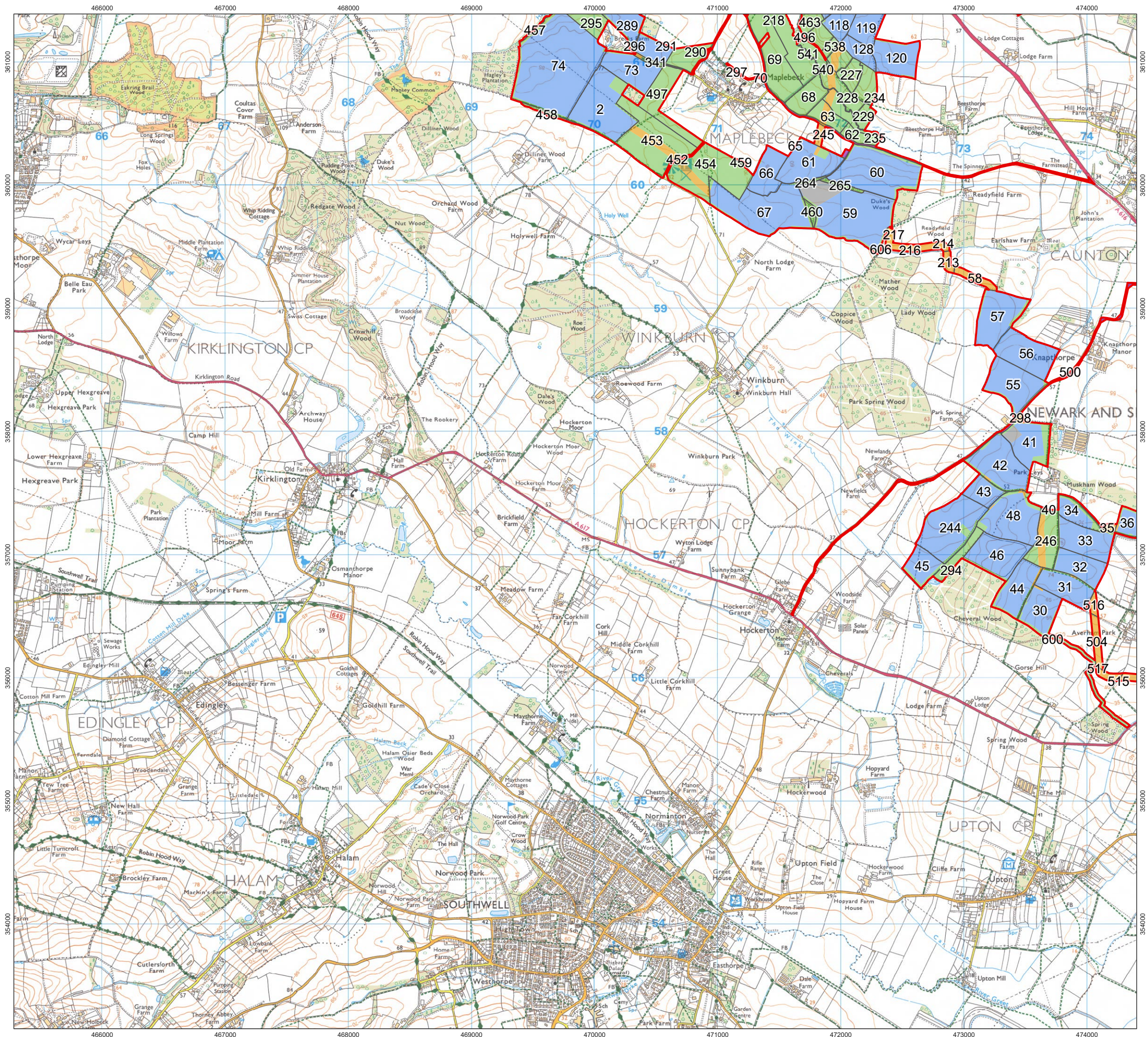
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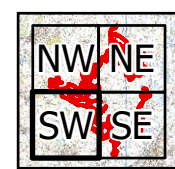
**Works Areas  
Figure 5.1SE**

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





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- Field Boundaries
- Works Numbers
  - Works No. 1 Solar PV
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  - Works No. 4 Substations
  - Works No. 5A BESS
  - Works No. 5B 400kV Substation
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  - Works No. 7 Staythorpe BESS Connection
  - Works No. 8 Access



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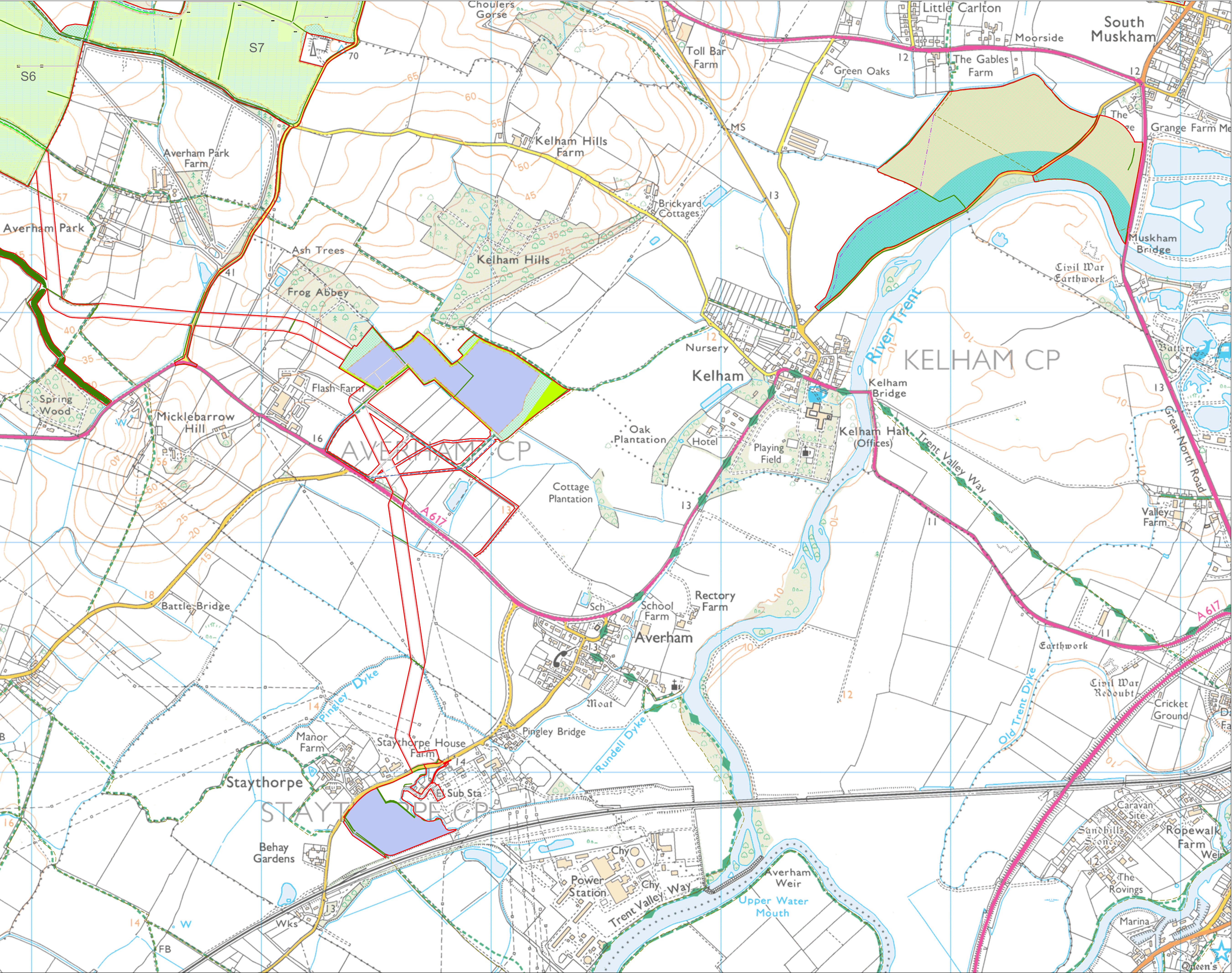
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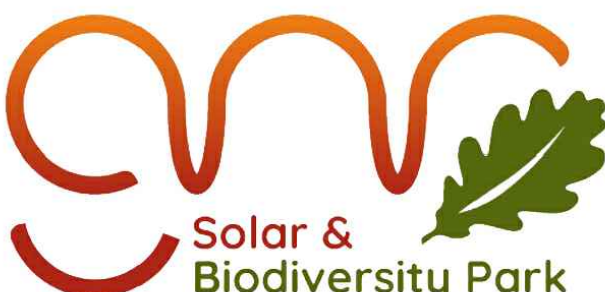
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Works Areas  
Figure 5.1SW

Great North Road Solar and  
Biodiversity Park  
Environmental Statement







Solar & Biodiversity Park

Key


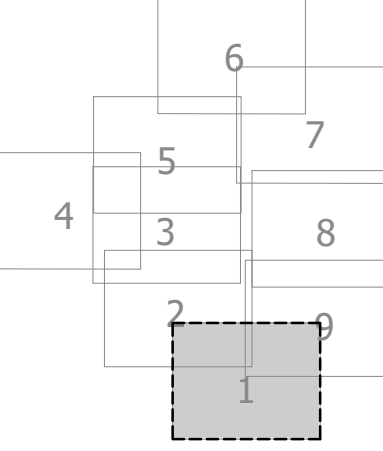
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- Existing Public Rights of Way - Footpath
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- Proposed security fence
- Proposed BESS and substation areas (BESS and substation details not shown)
- Proposed tarmac access track within BESS/substation area

Green infrastructure

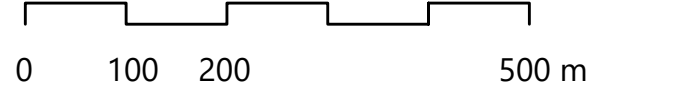
- Existing woodland and trees
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- Areas to be reinstated
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- Proposed diverse grassland - Maplebeck
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- Proposed wood pasture
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Access Proposals

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



Scale 1:7,500 @ A1



0 100 200 500 m

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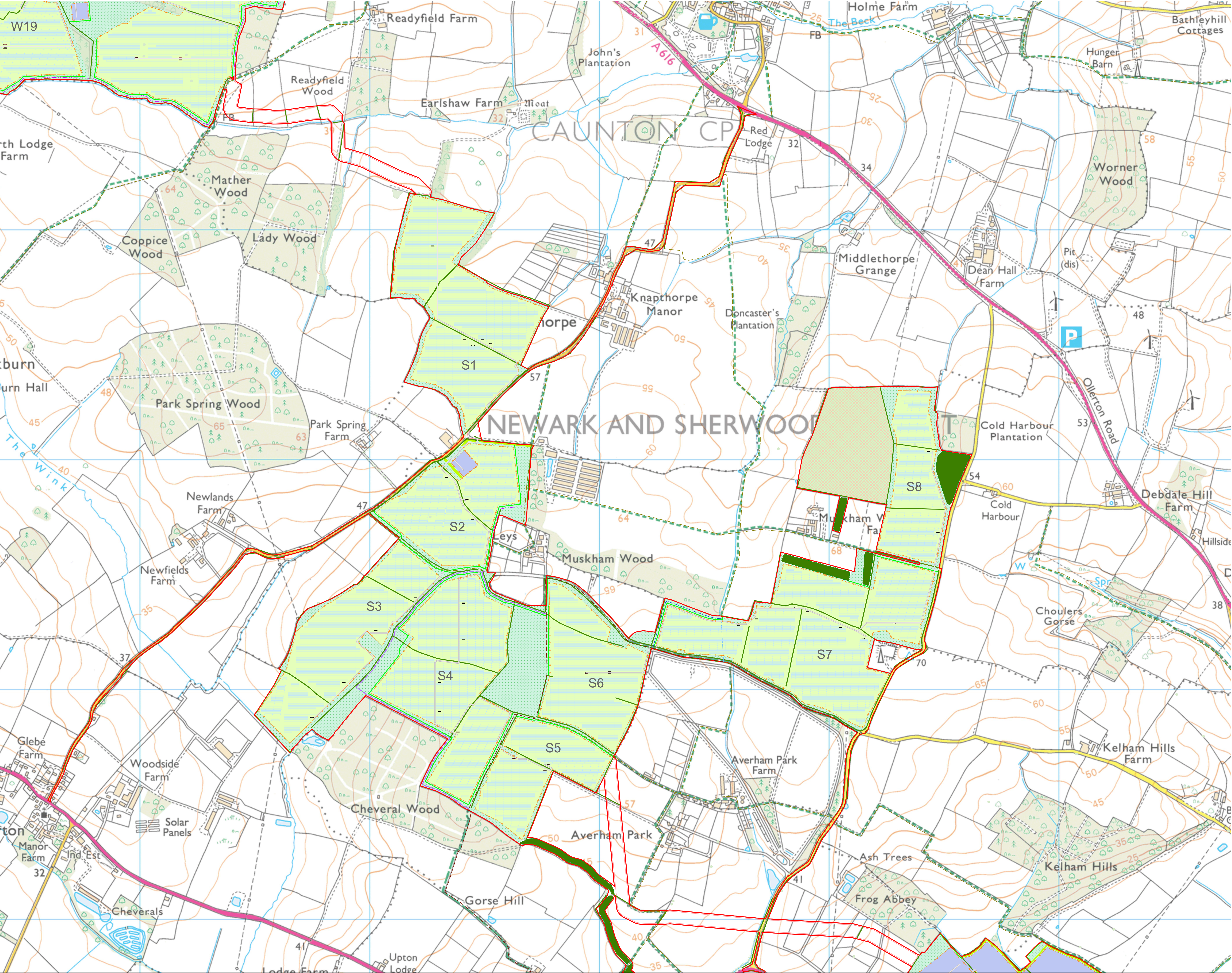
Landscape Masterplan

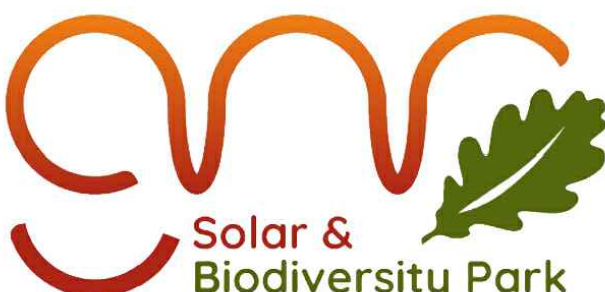
FIGURE 5.2 (1)

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Great North Road Solar and Biodiversity Park Environmental Statement







Solar & Biodiversity Park

Key

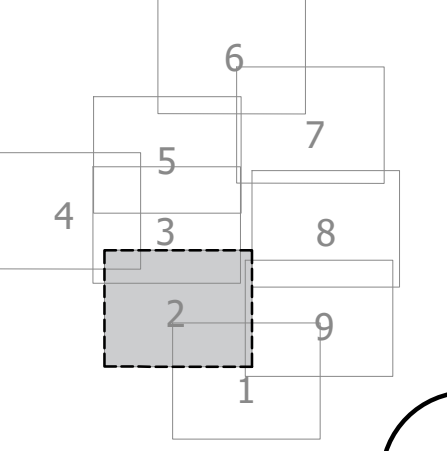
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Green infrastructure

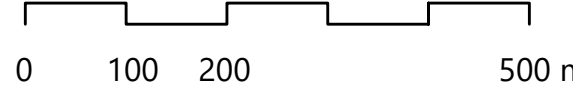
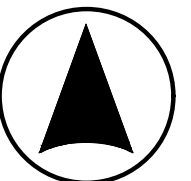
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Scale 1:7,500 @ A1

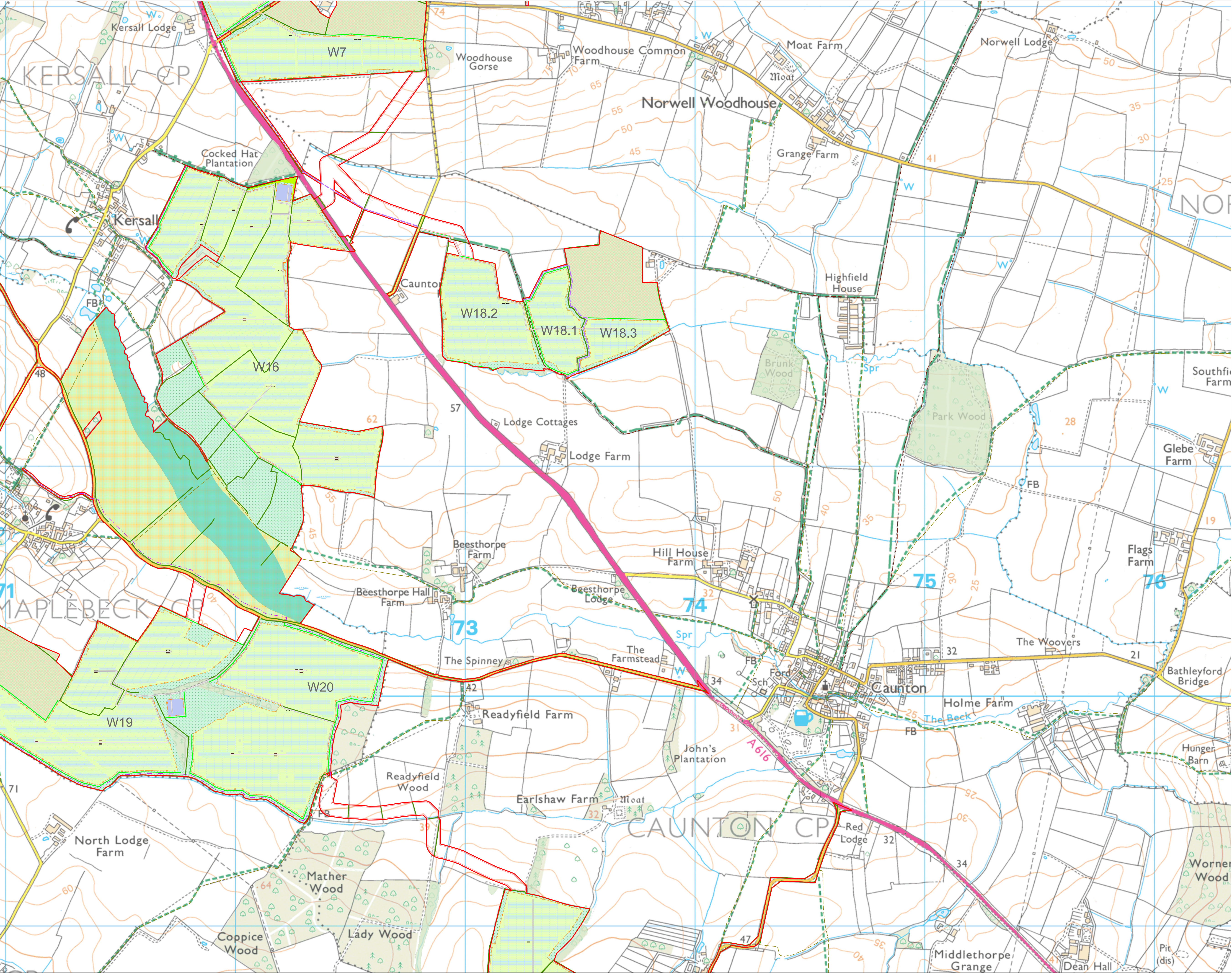


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Landscape Masterplan  
FIGURE 5.2 (2)  
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Great North Road Solar and Biodiversity Park  
Environmental Statement





Solar & Biodiversity Park

Key

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Scale 1:7,500 @ A1

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Landscape Masterplan

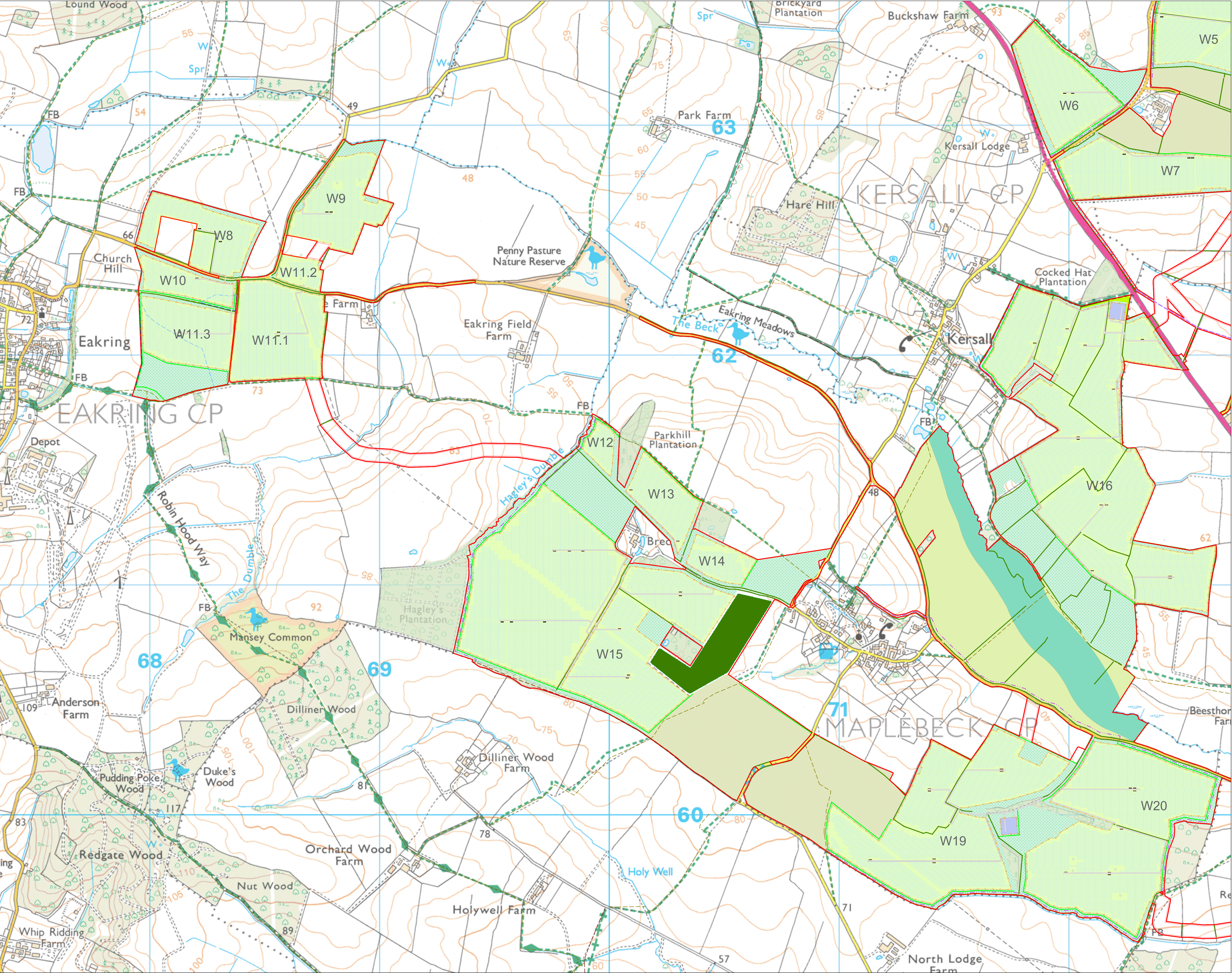
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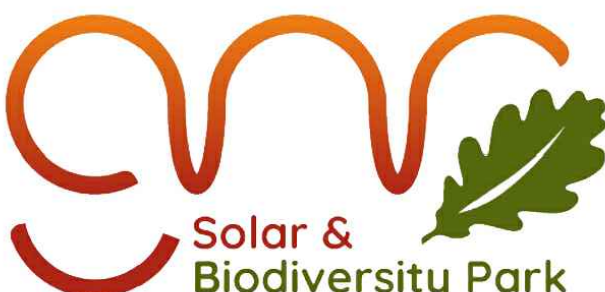
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Great North Road Solar and Biodiversity Park

Environmental Statement







Solar & Biodiversity Park

Key

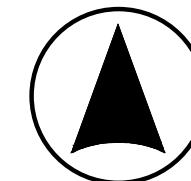
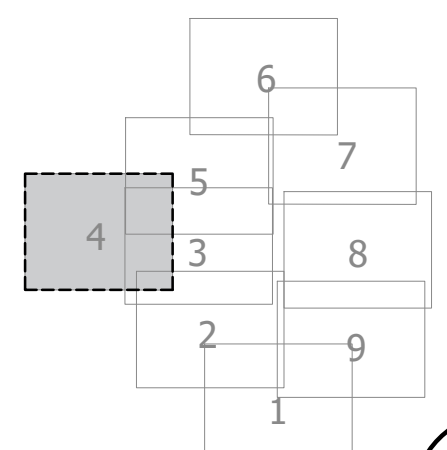
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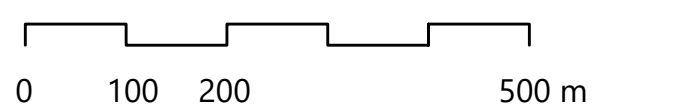
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Access Proposals

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Scale 1:7,500 @ A1



0 100 200 500 m

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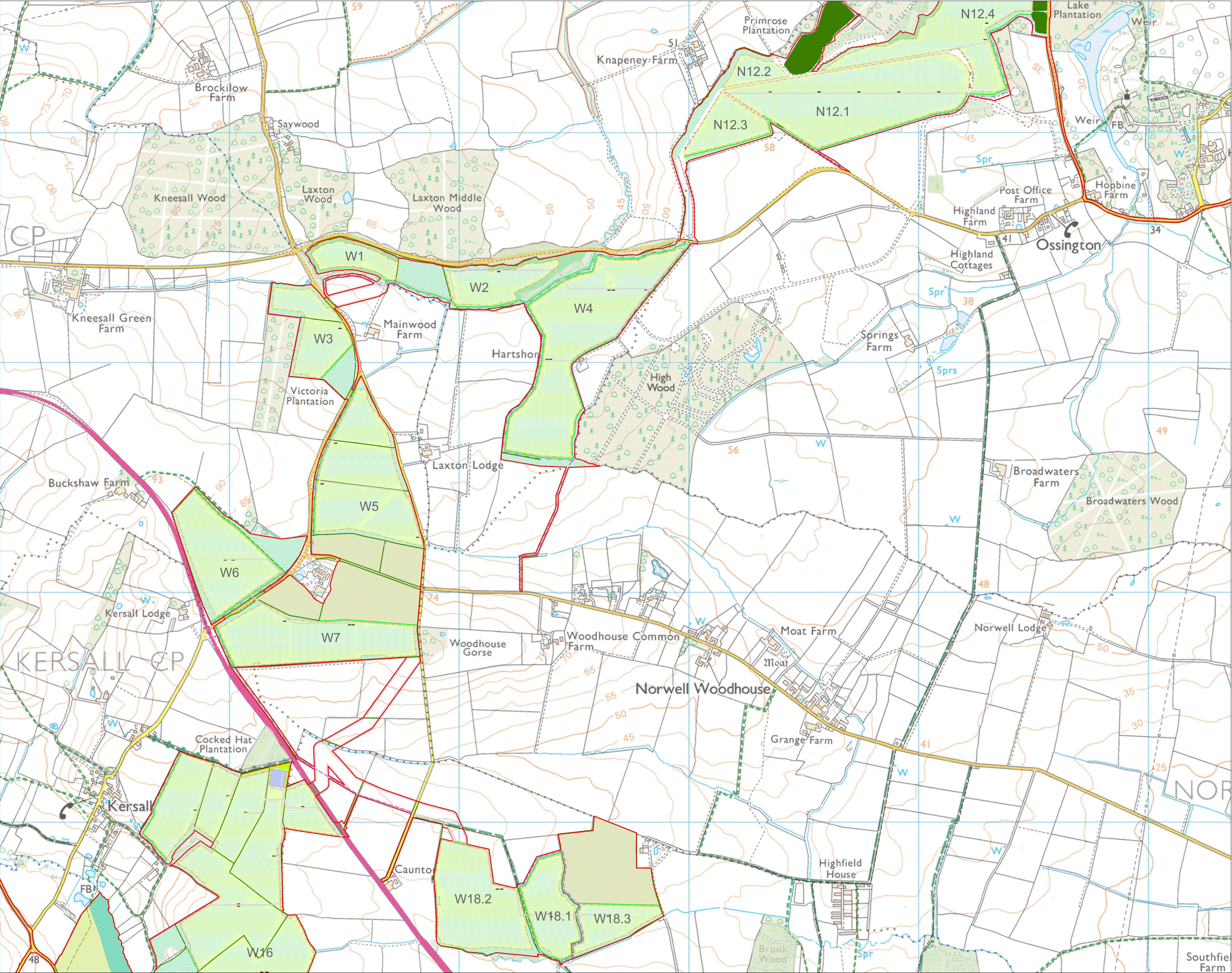
Landscape Masterplan

FIGURE 5.2 (4)

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Great North Road Solar and Biodiversity Park Environmental Statement





Solar & Biodiversity Park

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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

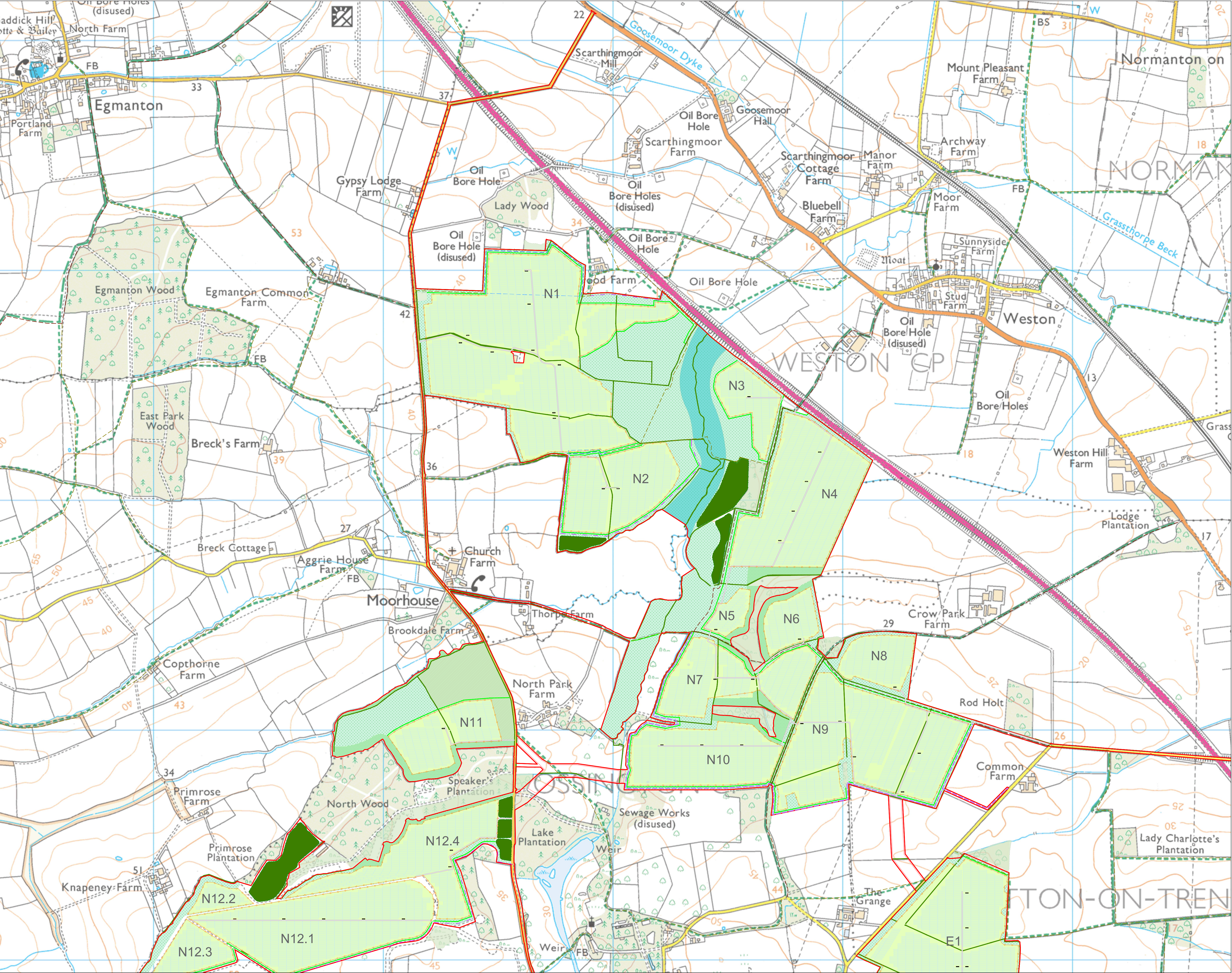
FIGURE 5.2 (5)

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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

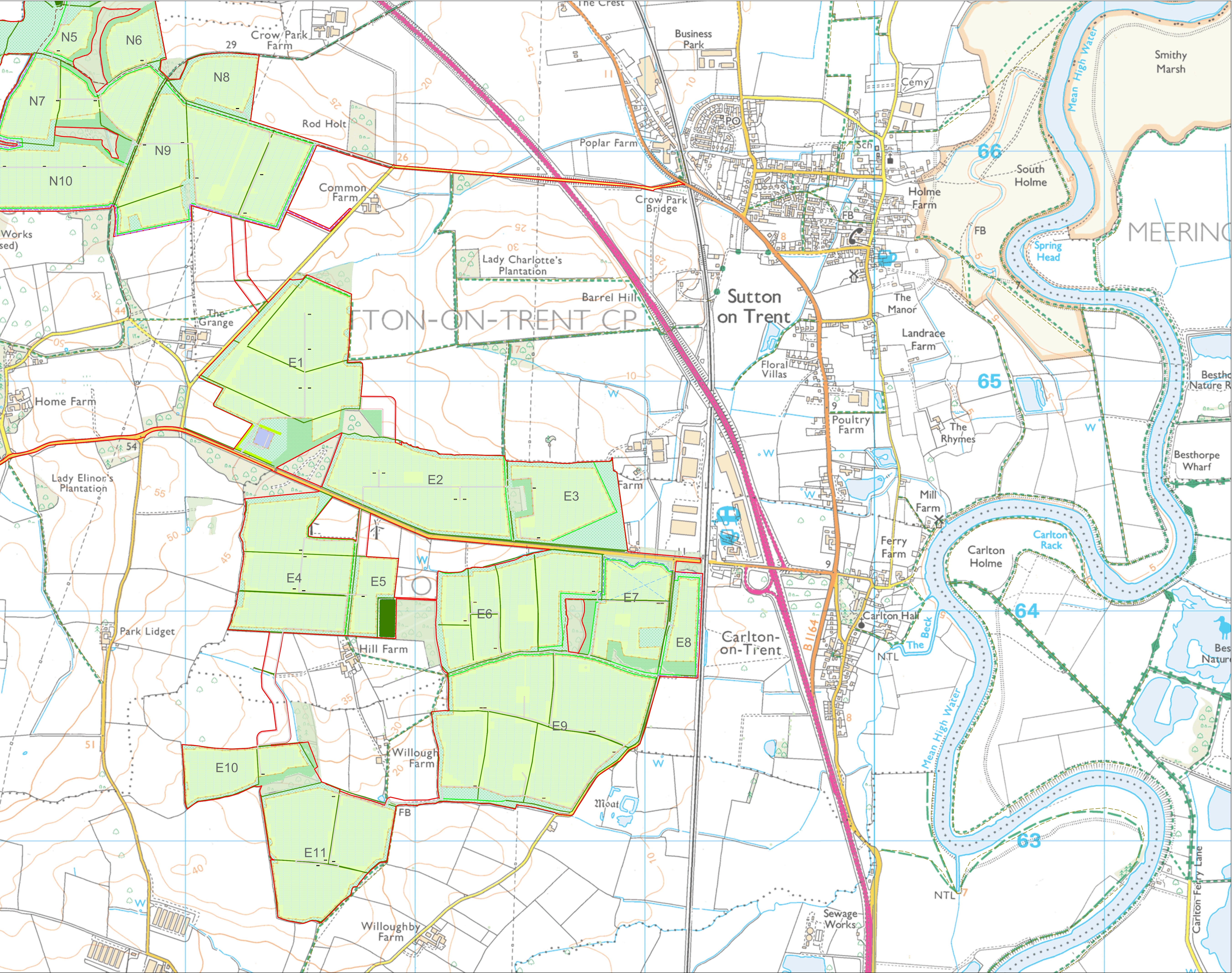
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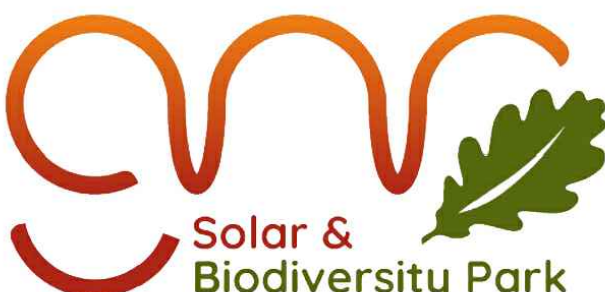
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Great North Road Solar and Biodiversity Park

Environmental Statement







Solar & Biodiversity Park

Key

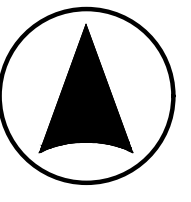
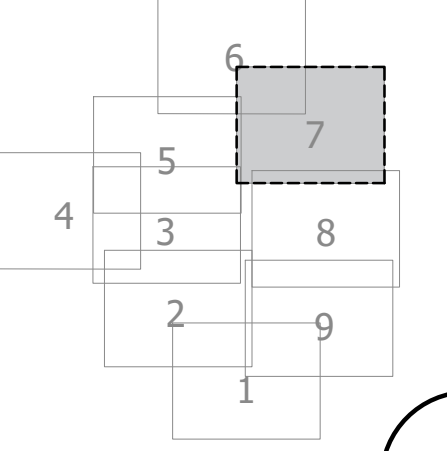
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Green infrastructure

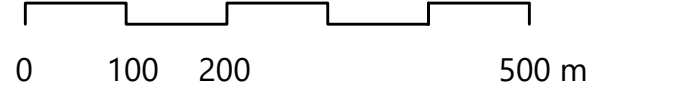
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Access Proposals

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Scale 1:7,500 @ A1



0 100 200 500 m

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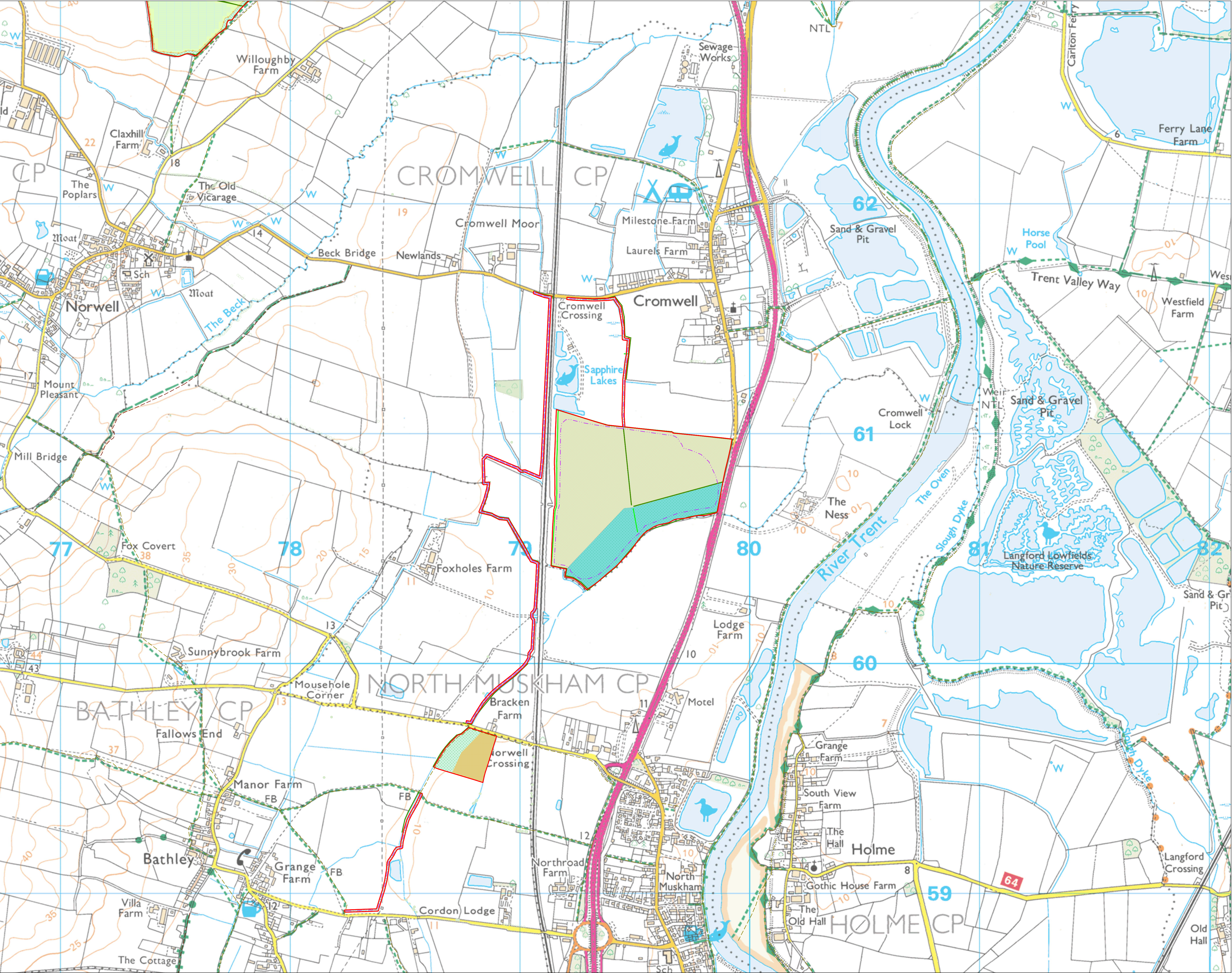
Landscape Masterplan

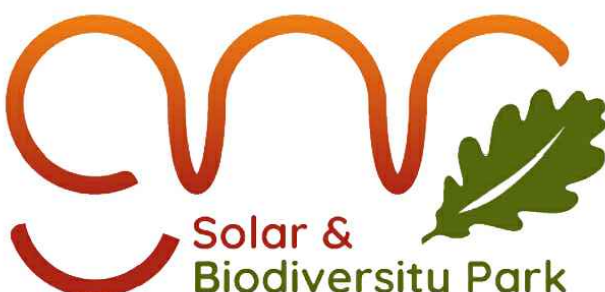
FIGURE 5.2 (7)

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Great North Road Solar and Biodiversity Park Environmental Statement







Solar & Biodiversity Park

Key

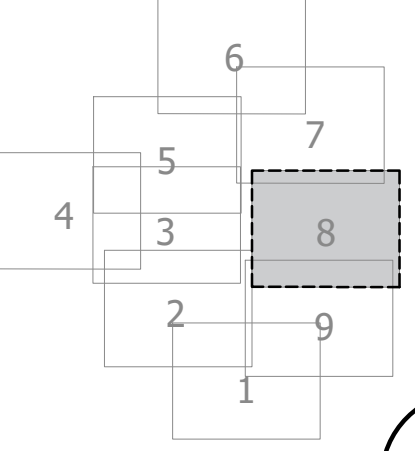
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Green infrastructure

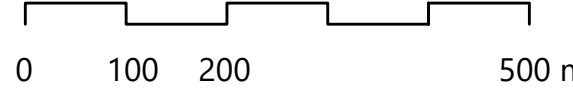
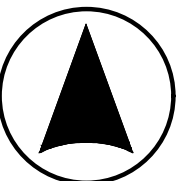
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Scale 1:7,500 @ A1



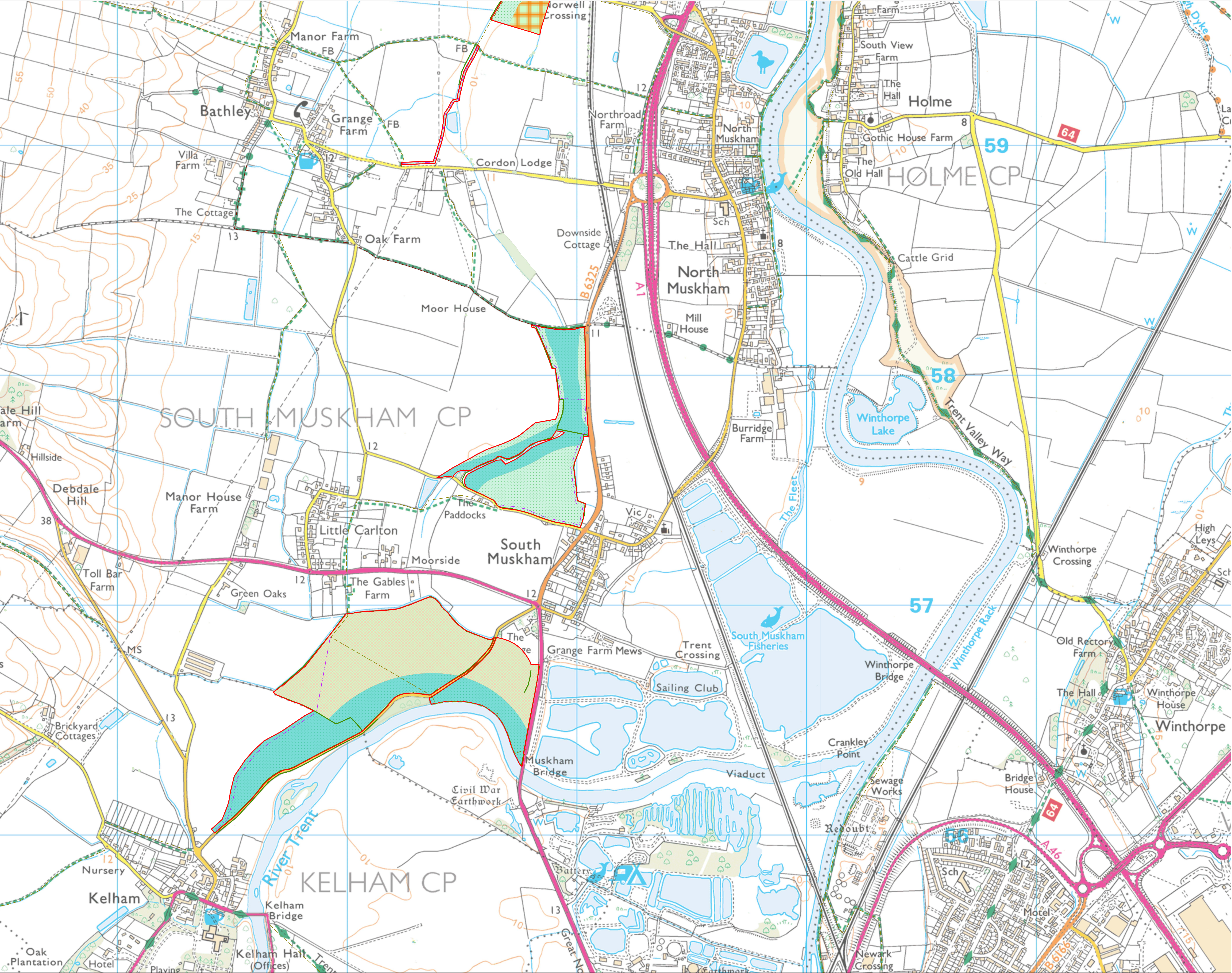
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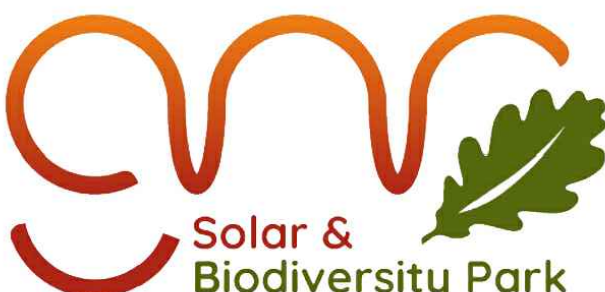
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Landscape Masterplan  
FIGURE 5.2 (8)  
Sheet 8 of 9

Great North Road Solar and Biodiversity Park  
Environmental Statement







Solar & Biodiversity Park

Key

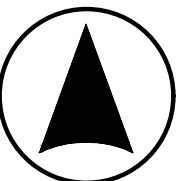
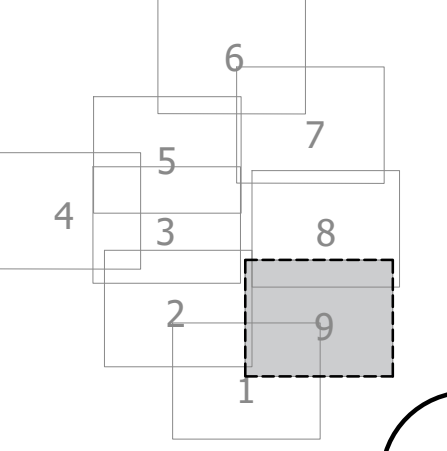
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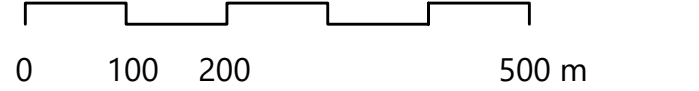
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Scale 1:7,500 @ A1



0 100 200 500 m

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Landscape Masterplan

FIGURE 5.2 (9)

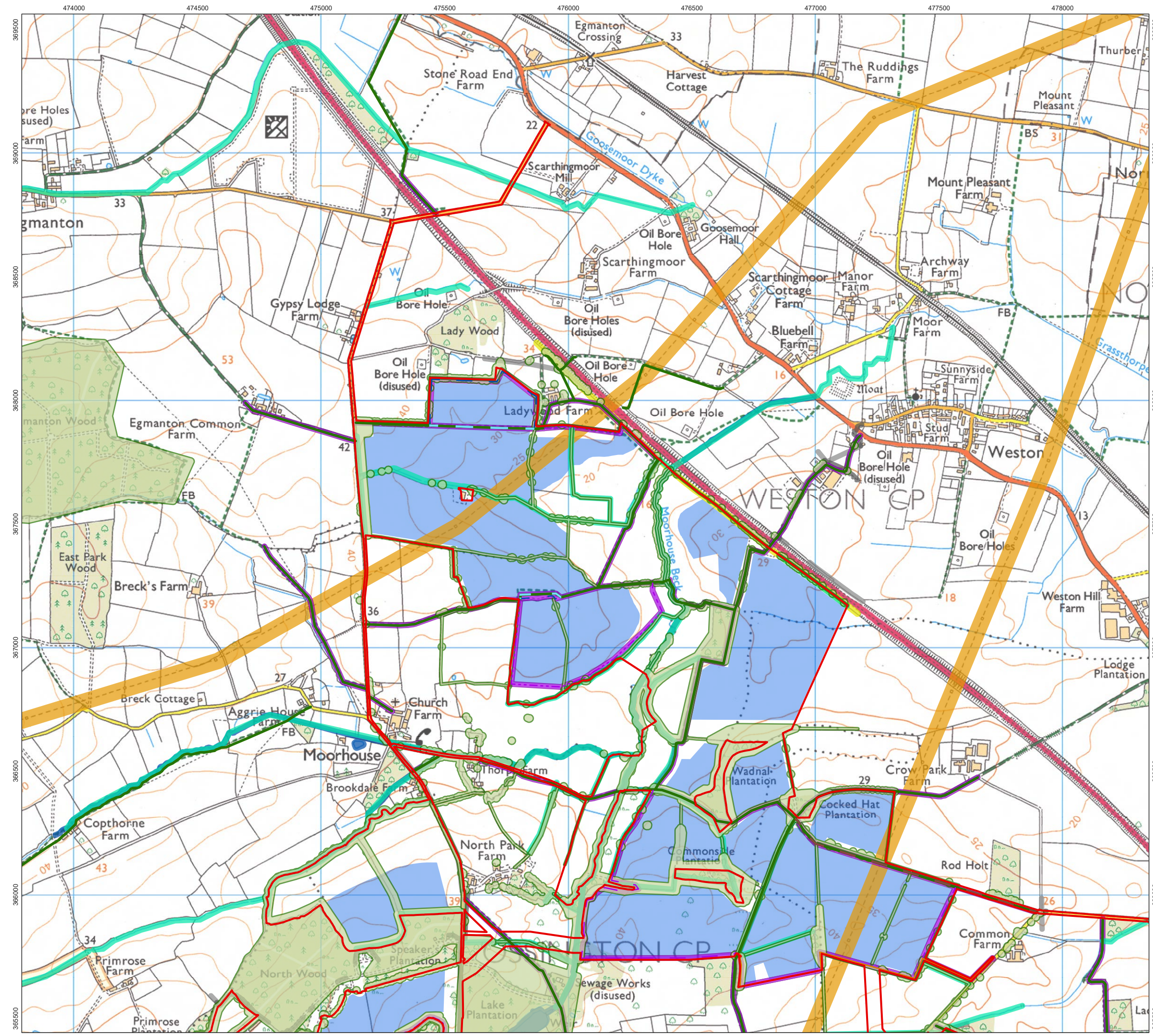
Sheet 9 of 9

Great North Road Solar and Biodiversity Park

Environmental Statement



Notes: Root protection areas are established in the Arboricultural Impact Assessment (ES TAA8.12 [EN010162/APP/6.4.8.12]). The preliminary tree and hedgerow buffers which informed the initial design are shown in this figure. Areas of potential archaeological interest will be determined by a qualified archaeologist following completion of the work set out in the Archaeological Mitigation Strategy (ES TAA11.8 [EN010162/APP/6.4.11.8]).





Order Limits

Works No. 1 Solar PV

Constraints to Solar PV

Preliminary Tree and Hedgerow Buffers

30.6 m Buffer of Overhead 400 kV Electricity Line

13.6 m Buffer of Overhead 132 kV Electricity Line

11 m Buffer Overhead 33 kV Electricity Line

8 m Buffer of Underground 11 kV Electricity Line

8 m Buffer of Overhead 11 kV Electricity Line

10 m Buffer of Watercourse

10 m buffer of Waterbodies

10 m Buffer of Gas Pipeline (medium/low pressure)

10 m Buffer of Public Right of Way, Diverted Public Right of Way, and New Permissive Routes

Public Rights of Way

New Permissive Footpath

New Permissive Bridleway

Footpath Closure

Footpath Diversion

Bridleway Closed for Construction and Decommissioning

Bridleway Diversion for Construction and Decommissioning

1

2

3

4

5

6

7

8

9

1:15,000

Scale @ A3

0

125

250

500 m

Ref: 026-ES-5.3

Date: 24/06/2025

Environmental Constraints

Figure 5.3(1)

Great North Road Solar and Biodiversity Park

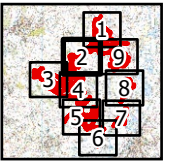
Environmental Statement

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This is a detailed topographic map of the area around Ossington, Northamptonshire. The map features a grid with coordinates ranging from 471500 to 475500 on the x-axis and 362500 to 368000 on the y-axis. Key locations and features include:

- Farms and Estates:** Mill Field, South Field, Knapeney Farm, Primrose Farm, North Wood, Kneesall Wood, Laxton Wood, Laxton Middle Wood, Hartshorn Farm, High Wood, Victoria Plantation, Mainwood Farm, Kneesall Lodge, Woodhouse Common, Norwell Woodhouse, Moat Farm, Grange Farm, Broadwaters Farm, and Norwell Lodge.
- Woods and Plantations:** Kneesall Wood, Laxton Wood, Laxton Middle Wood, North Wood, High Wood, Victoria Plantation, Pamela Plantation, and Cocked Hat Plantation.
- Water Features:** The River Nidd flows through the area, with several ponds and lakes, including Kneesall Pond, Hartshorn Pond, and Broadwaters Pond.
- Infrastructure:** The map shows roads, paths, and a railway line. The village of Ossington is located in the center-right, with a post office and several cottages.
- Topography:** Contour lines indicate the elevation of the land, with higher ground to the north and south of the village.



0 125 250 500 m

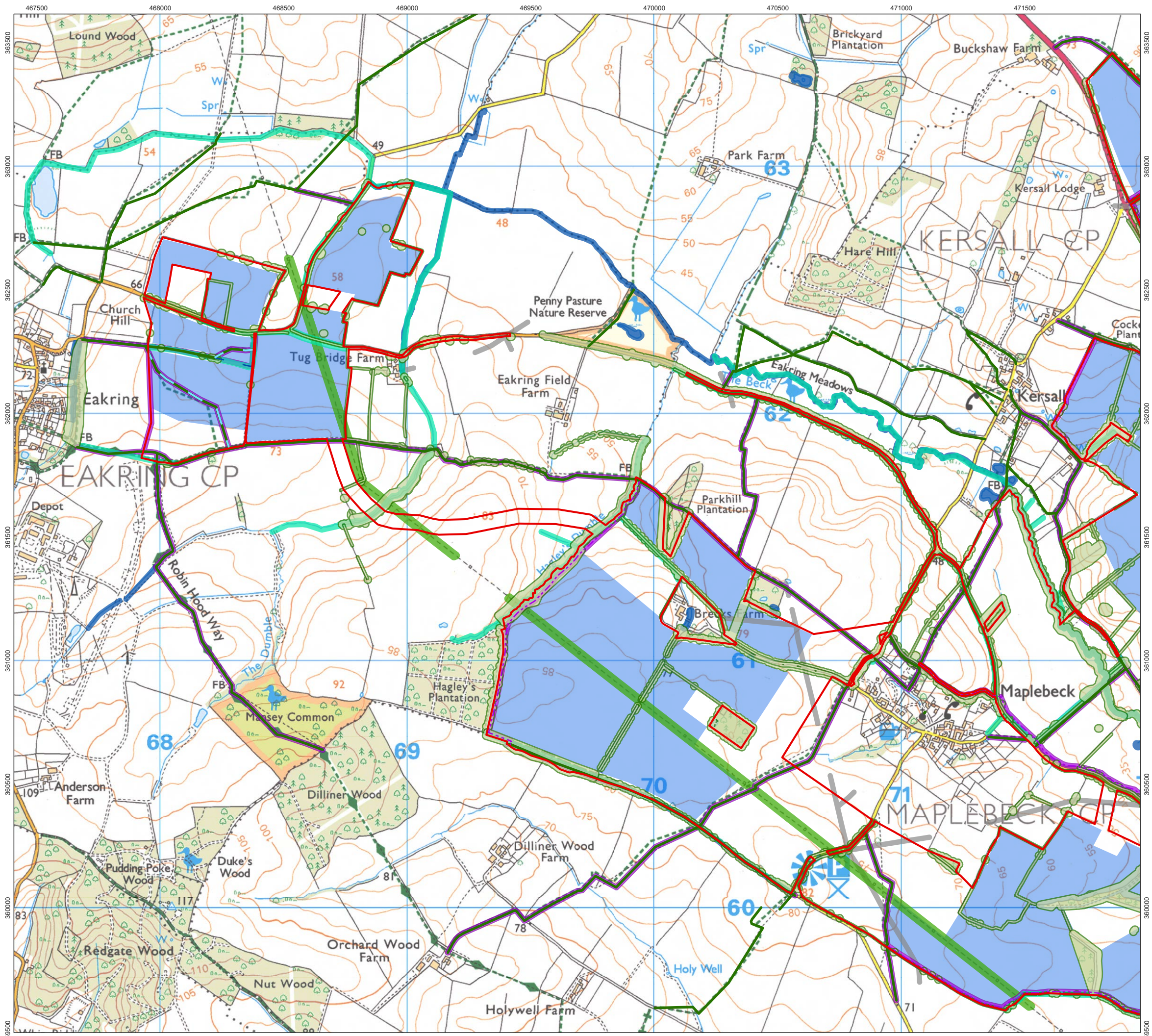


Date: 24/06/2025

# Great North Road Solar and Biodiversity Park Environmental Statement



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Footpath Diversion

Bridleway Closed for Construction and Decommissioning

Bridleway Diversion for Construction and Decommissioning



1:15,000    Scale @ A3

0    125    250    500 m

Ref: 026-ES-5.3

Date: 24/06/2025

Environmental Constraints  
Figure 5.3(3)

Great North Road Solar and Biodiversity Park  
Environmental Statement

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