

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

Environmental Statement Volume 3, Chapter 5 Development Description Figures 5.1 – 5.2 (Part 1 of 3)

Document reference – EN010162/APP/6.3.5D

Revision Number 5

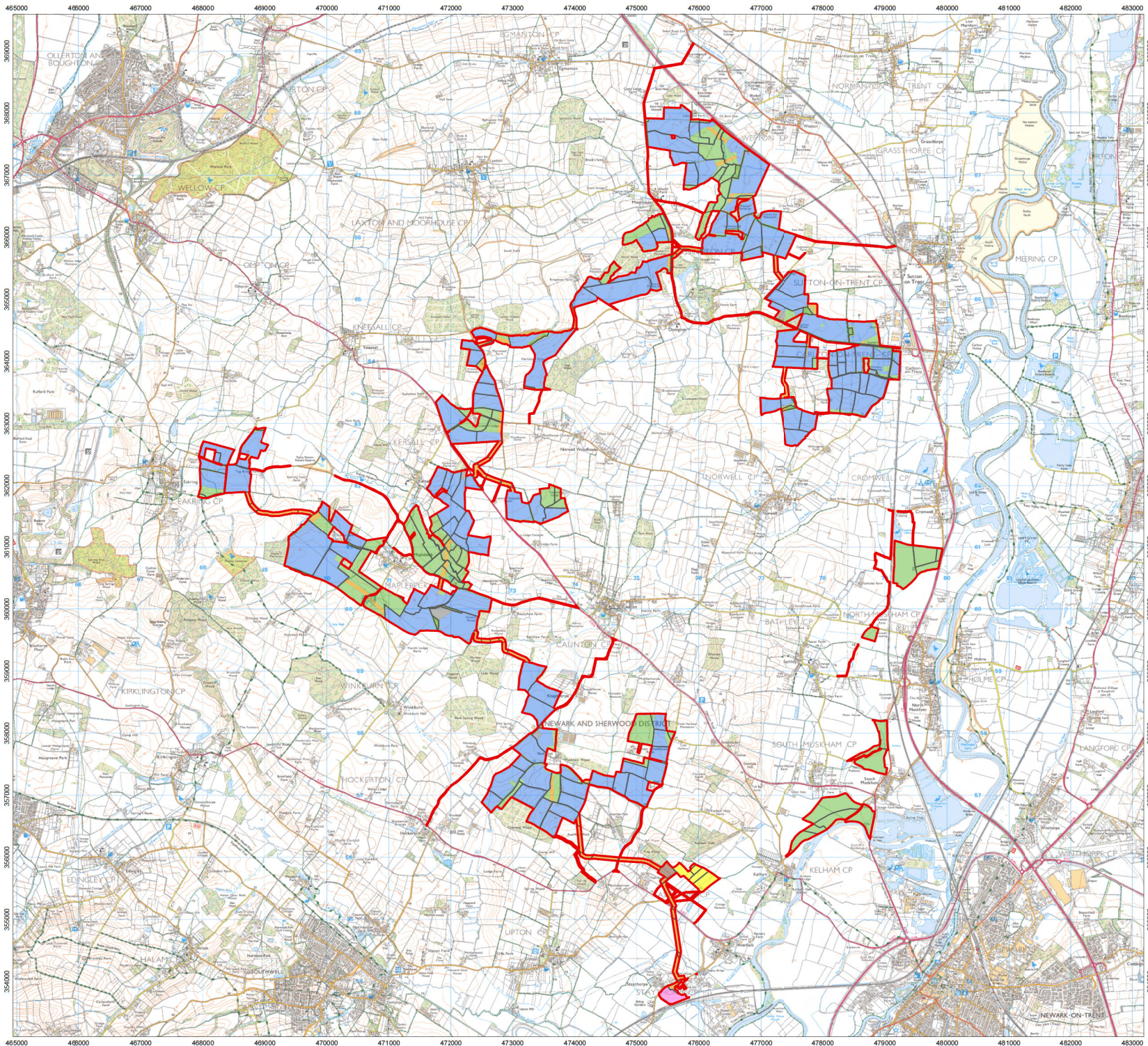
April 2026

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>Part</i>	<i>Reason for Revision</i>
01	Figure 5.1 Works Areas	Part 1 of 3	No changes made
04	Figure 5.2 Masterplan	Part 1 of 3	Updated Figure to include Permissive Footpath 22.
03	Figure 5.3 Environmental Constraints	Part 2 of 3	Updated Figure to include Permissive Footpath 22 and constraint buffers to reflect Chapter 5.
01	Figure 5.4 Illustrative Design	Part 2 of 3	No changes made
03	Figure 5.5 Illustrative Construction Layout	Part 3 of 3	Updated Figure to include Permissive Footpath 22.
01	Figure 5.6 Illustrative Solar Array Plan, Elevation and Cross-Section	Part 3 of 3	No changes made
01	Figure 5.7 Illustrative CCTV Pole	Part 3 of 3	No changes made
01	Figure 5.8 Illustrative Access Track Cross-Section	Part 3 of 3	No changes made
01	Figure 5.10 Illustrative Inverter, Transformer Elevations	Part 3 of 3	No changes made
01	Figure 5.11 Illustrative Fence and Gate Elevations	Part 3 of 3	No changes made
01	Figure 5.12 Illustrative Substation Layout	Part 3 of 3	No changes made
01	Figure 5.13 Illustrative Construction Compound Layout	Part 3 of 3	No changes made
01	Figure 5.14 BESS Elevations	Part 3 of 3	No changes made
01	Figure 5.15 PCS Elevations	Part 3 of 3	No changes made
01	Figure 5.16 132kV Substation Elevation	Part 3 of 3	No changes made
01	Figure 5.17 400kV Substation Elevation	Part 3 of 3	No changes made
01	Figure 5.18 132kV and 400kV relay and control room	Part 3 of 3	No changes made

<b>Revision</b>	<b>Drawing Title</b>	<b>Part</b>	<b>Reason for Revision</b>
01	Figure 5.19 Illustrative Switchgear Buildings and Welfare Cabins	Part 3 of 3	No changes made
01	Figure 5.20 Illustrative Auxiliary Transformer House Area	Part 3 of 3	No changes made
01	Figure 5.21 Illustrative Spare Parts Containers	Part 3 of 3	No changes made



- 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

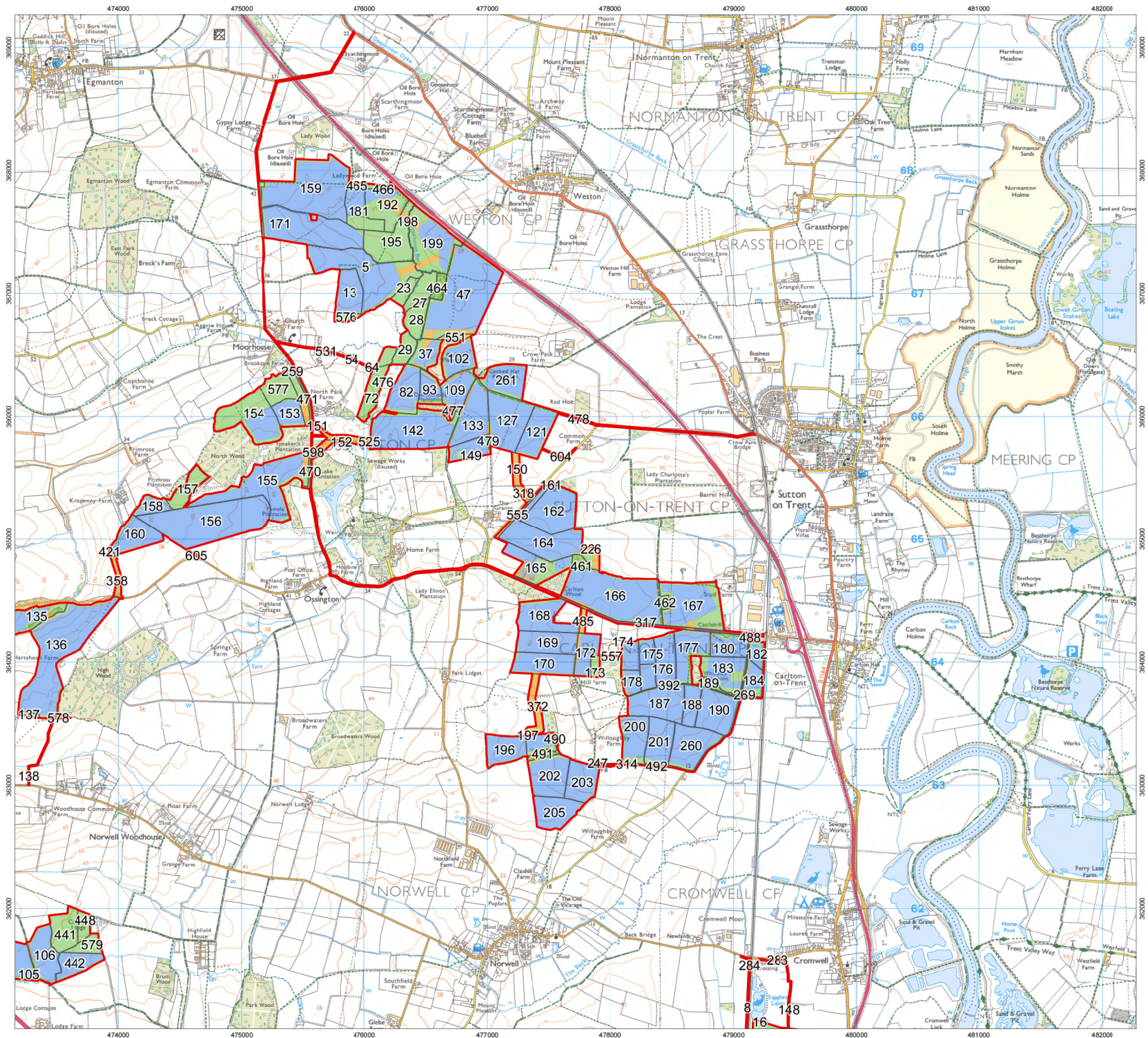
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**Works Areas  
Figure 5.1**

**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

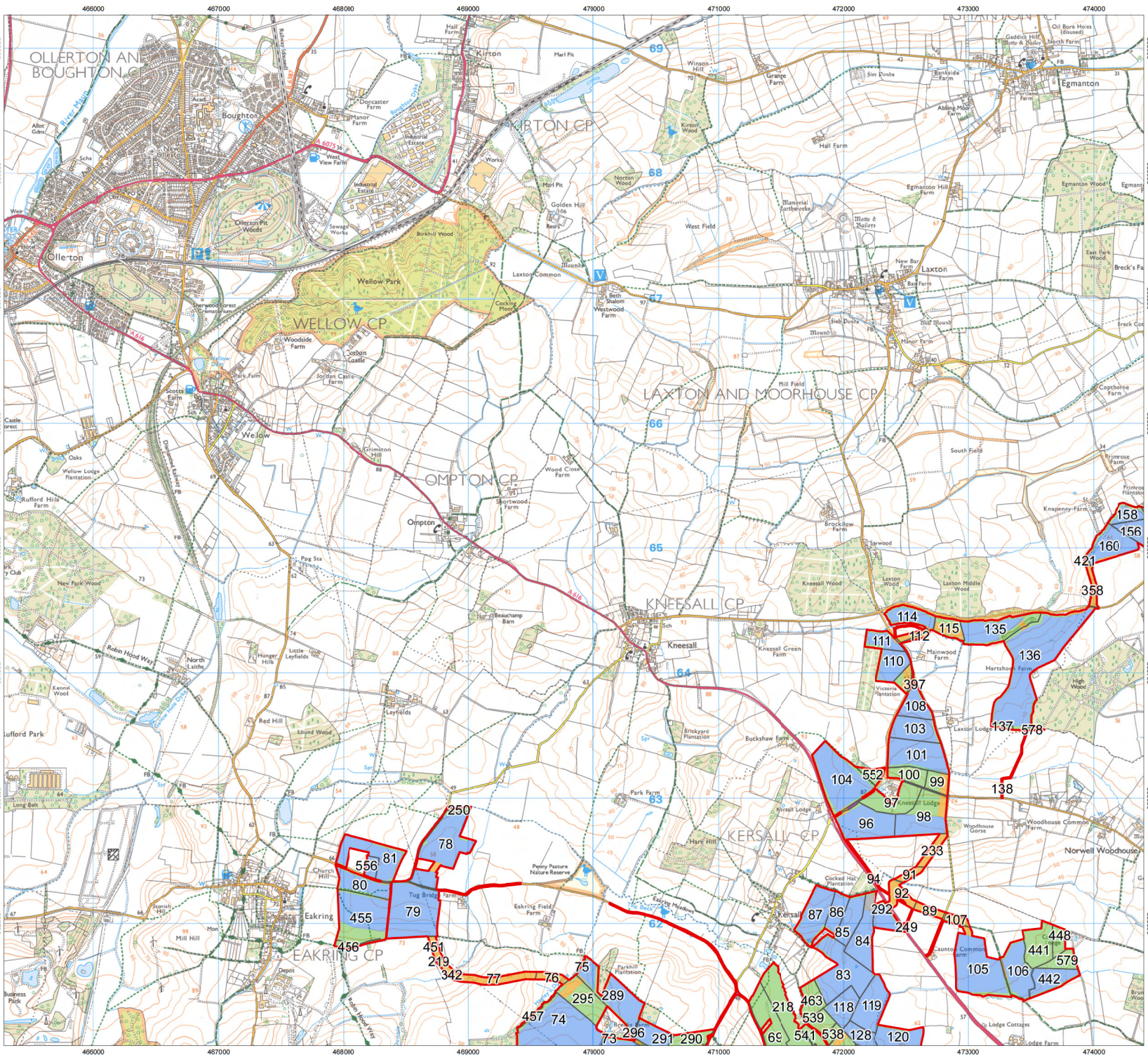


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Ref: 026-ES-5.1 Date: 23/06/2025

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

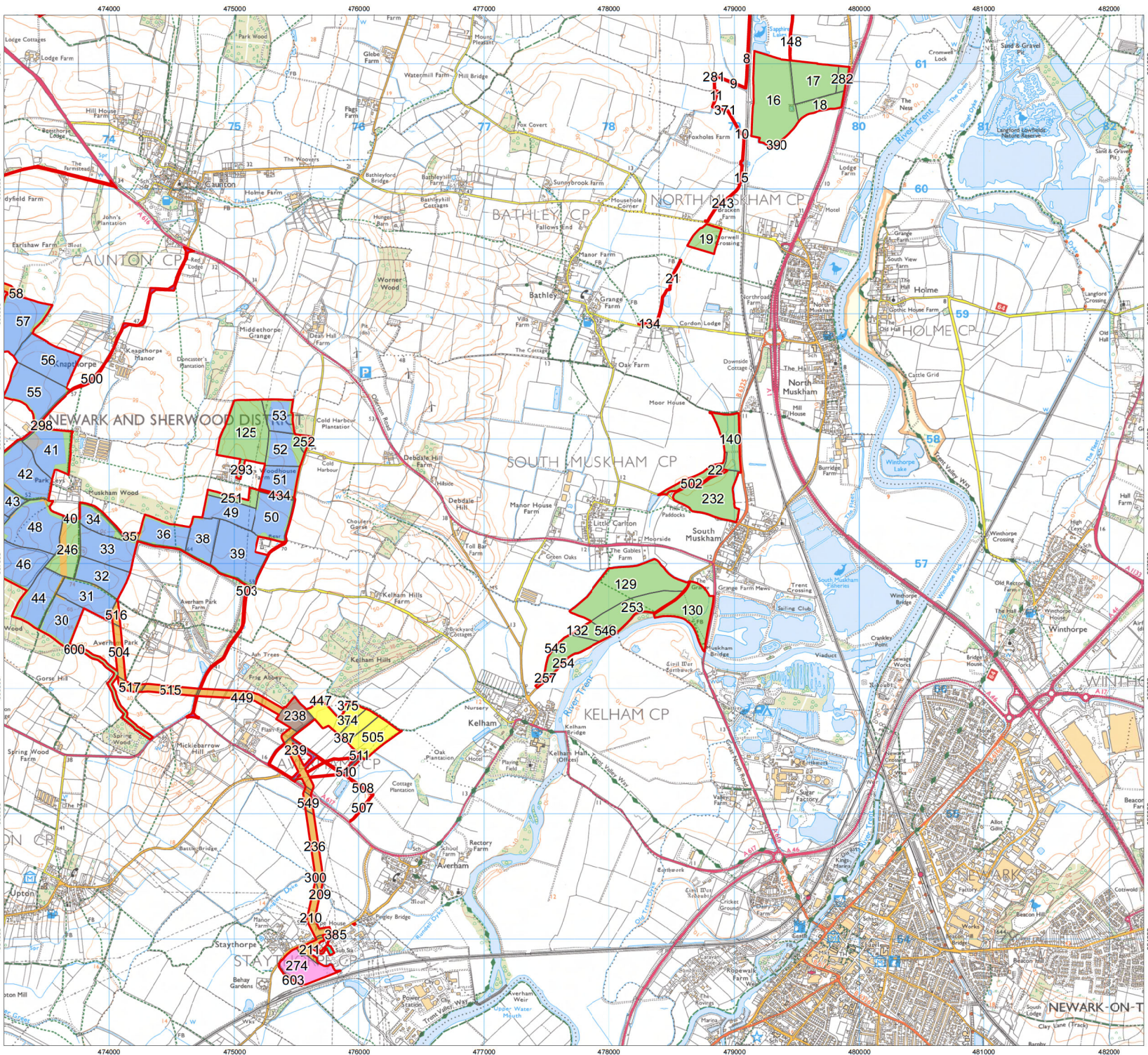


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**Works Areas  
Figure 5.1NW**

**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

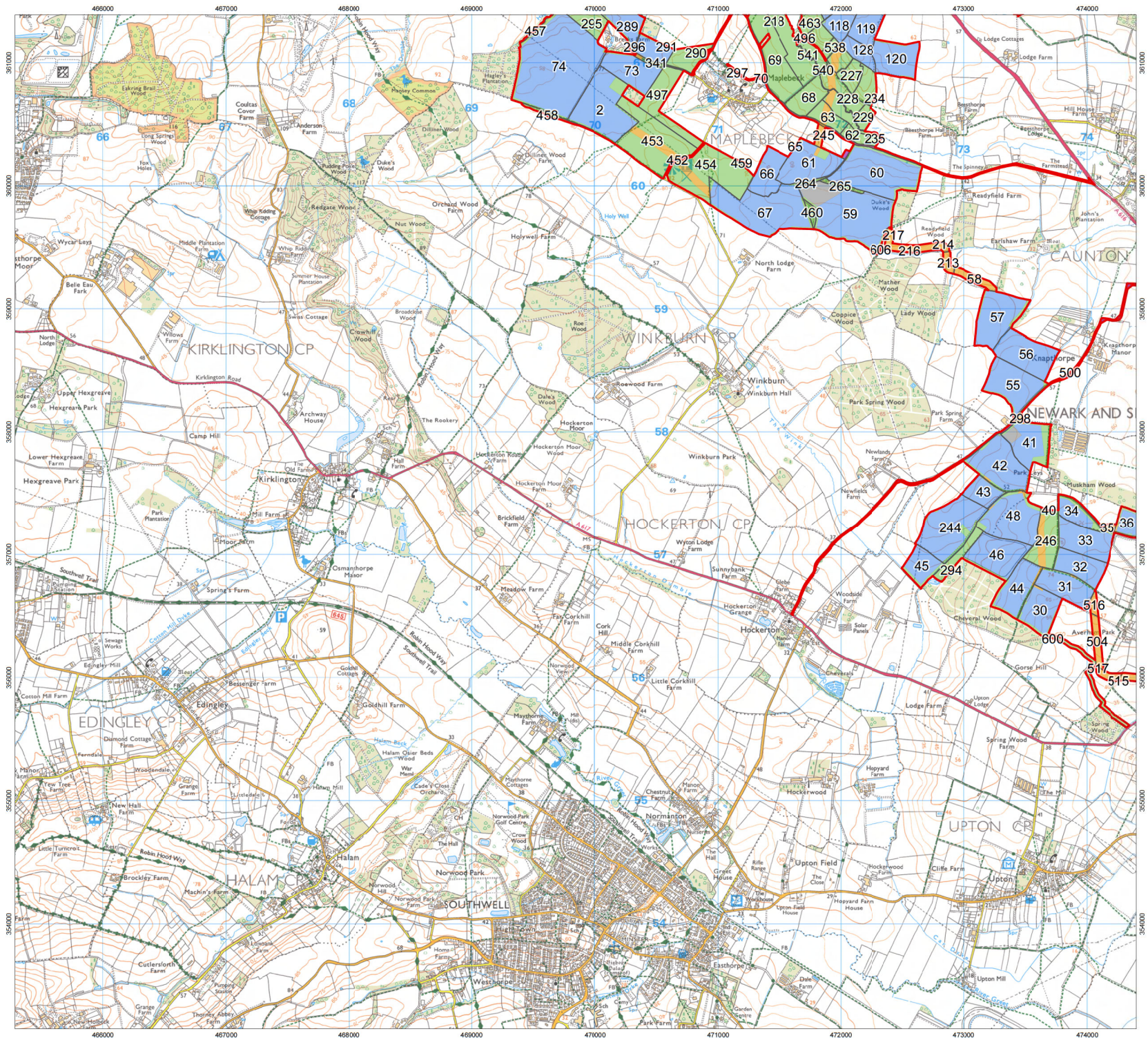


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Works Areas  
 Figure 5.1SE

**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



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Works Areas  
 Figure 5.1SW

Great North Road Solar and  
 Biodiversity Park  
 Environmental Statement

**Key**

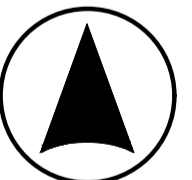
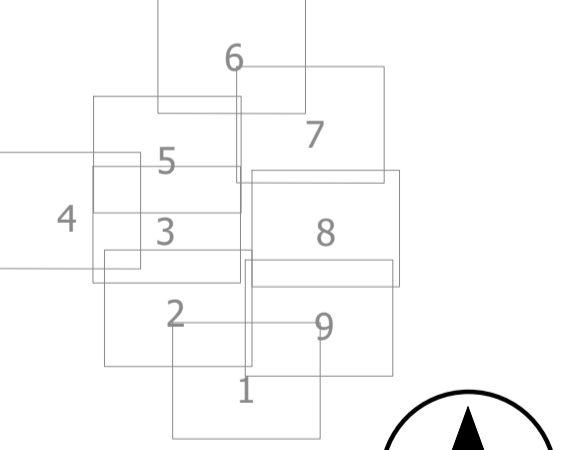
-  Site boundary
-  Existing Public Rights of Way - Footpath
-  Existing Public Rights of Way - Bridleway
-  Proposed solar panels, inverters and gravel access tracks
-  Proposed security fence
-  Proposed BESS and substation areas (BESS and substation details not shown)
-  Proposed tarmac access track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

**Green infrastructure**

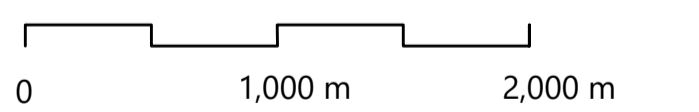
-  Existing woodland and trees
-  Existing hedgerows
-  Proposed hedgerows
-  Proposed hedge and tree belt
-  Proposed line of trees
-  Proposed woodland
-  Proposed tree belt
-  Areas to be reinstated
-  Proposed grassland (PV areas) - species diverse
-  Proposed diverse grassland
-  Proposed diverse 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



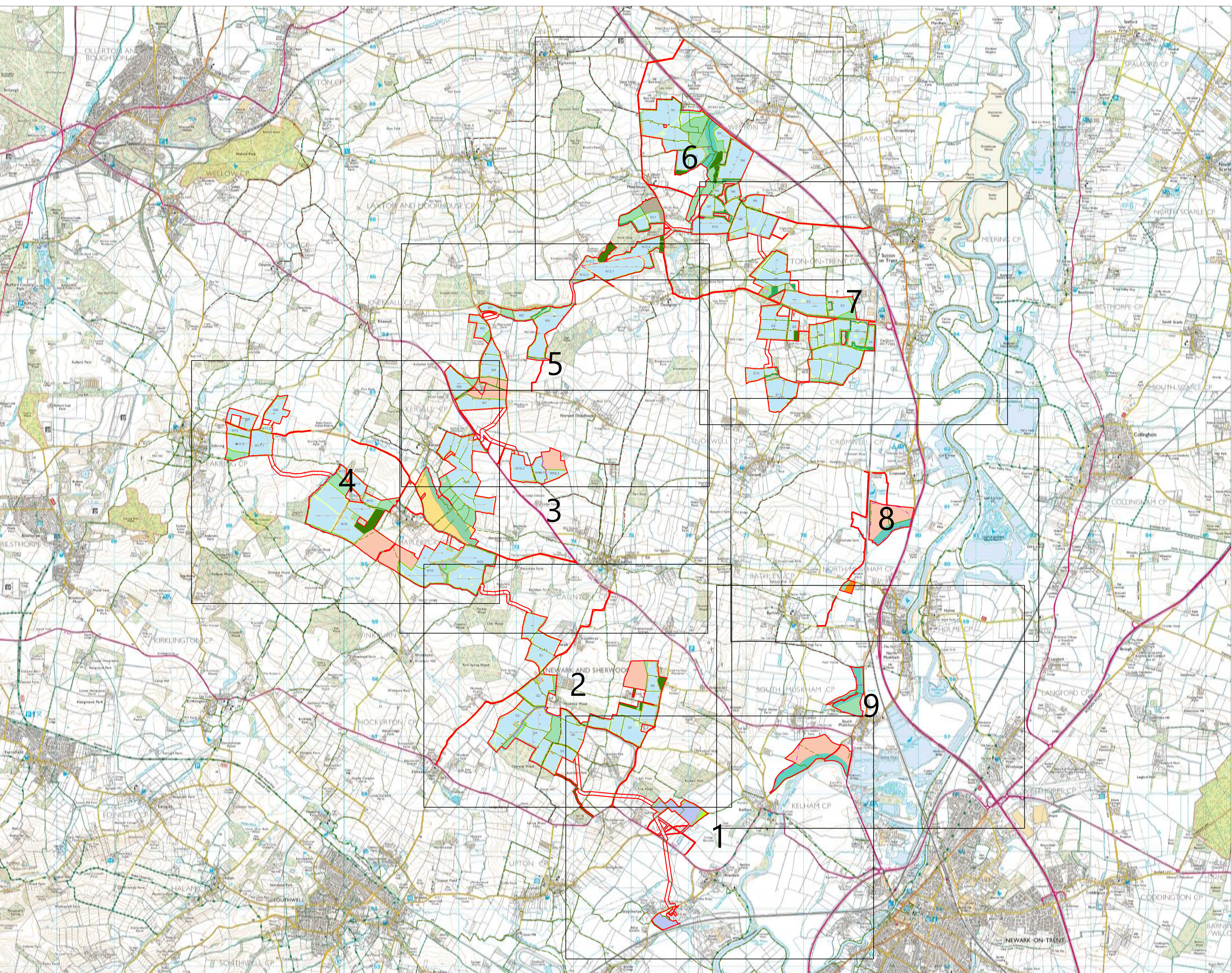
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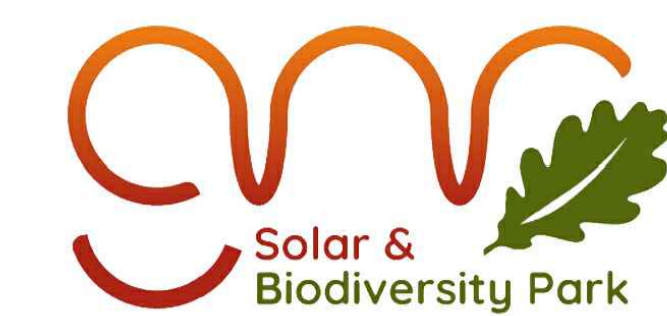


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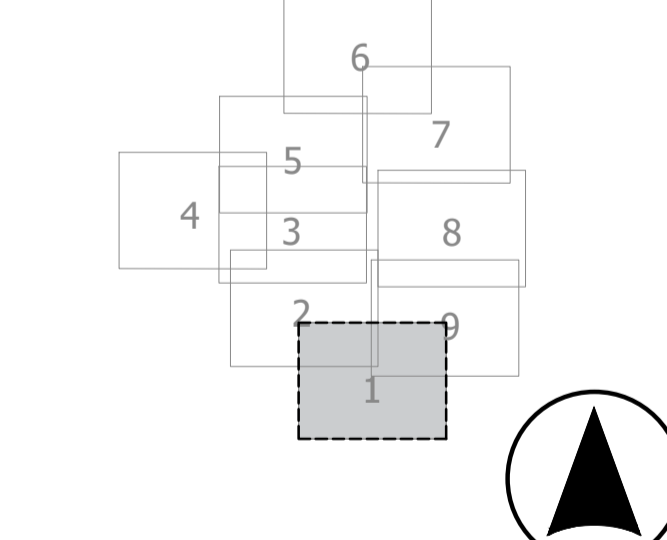
Landscape Masterplan  
Figure 5.2 Key Sheet

Great North Road Solar  
and Biodiversity Park  
Environmental Statement





- Key**
- Site boundary
  - Existing Public Rights of Way - Footpath
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  - 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

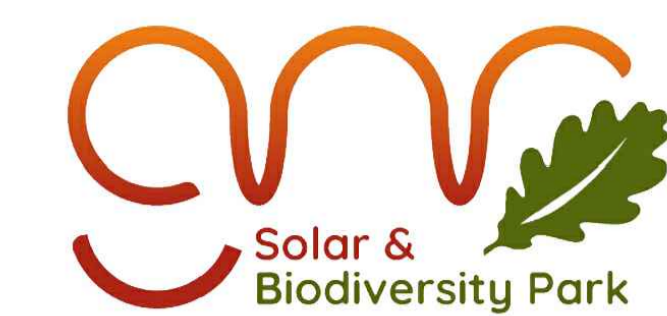
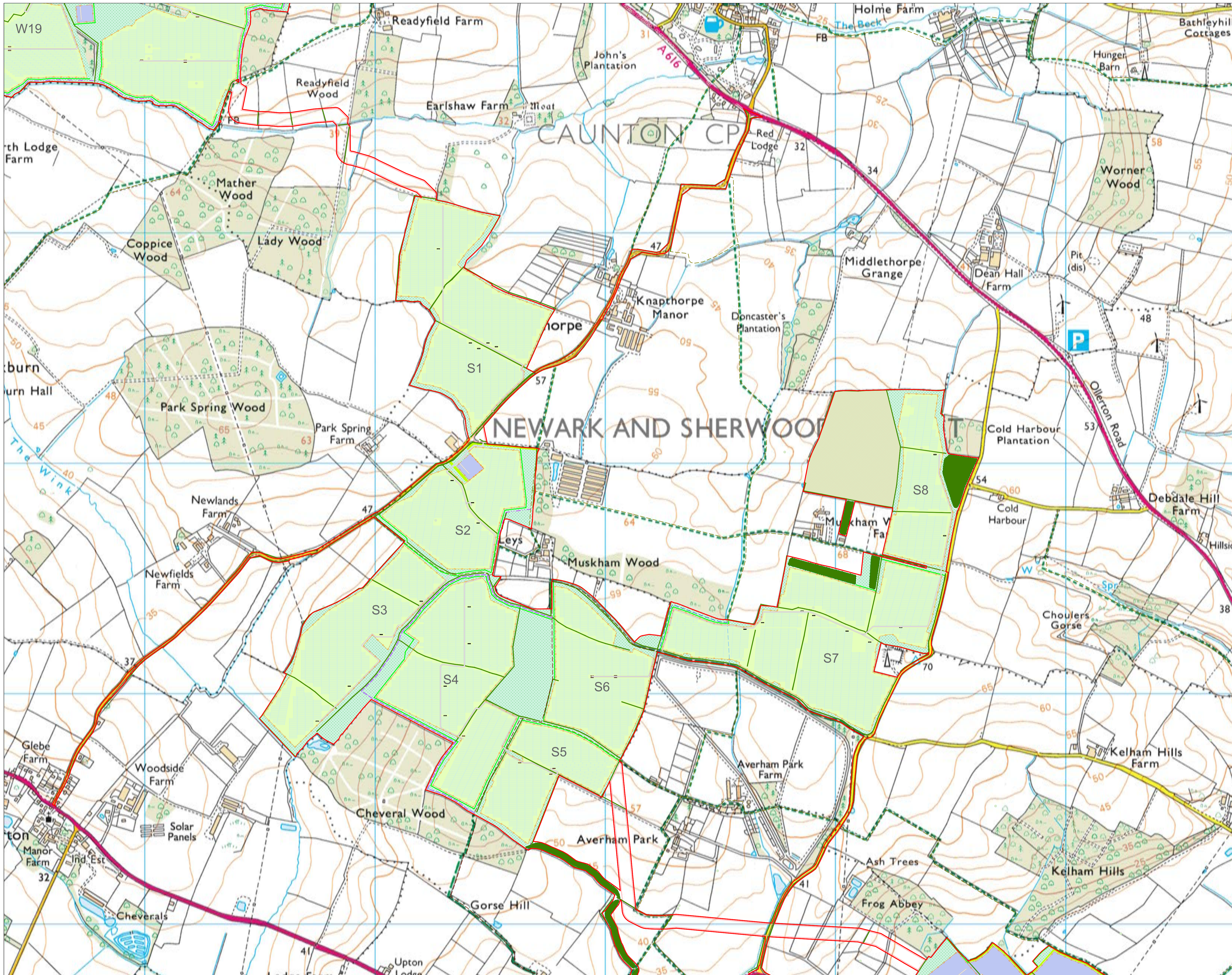


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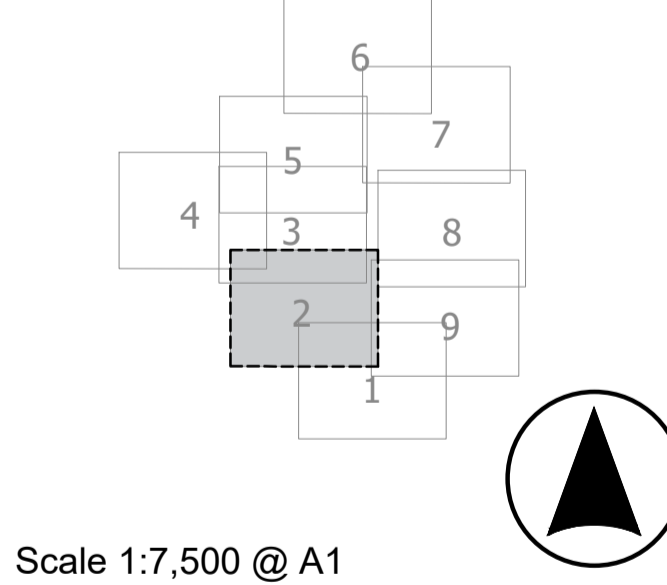
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Landscape Masterplan  
Figure 5.2 Sheet 1 of 9

Great North Road Solar  
and Biodiversity Park  
Environmental Statement



- Key**
- Site boundary
  - 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
  - Existing hedgerows
  - Proposed hedgerows
  - Proposed hedge and tree belt
  - Proposed line of trees
  - Proposed woodland
  - Proposed tree belt
  - Areas to be reinstated
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- Access Proposals**
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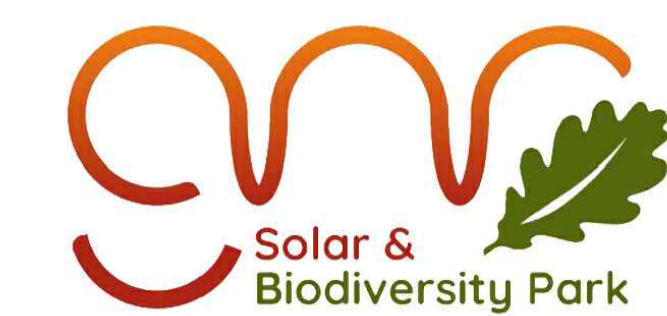
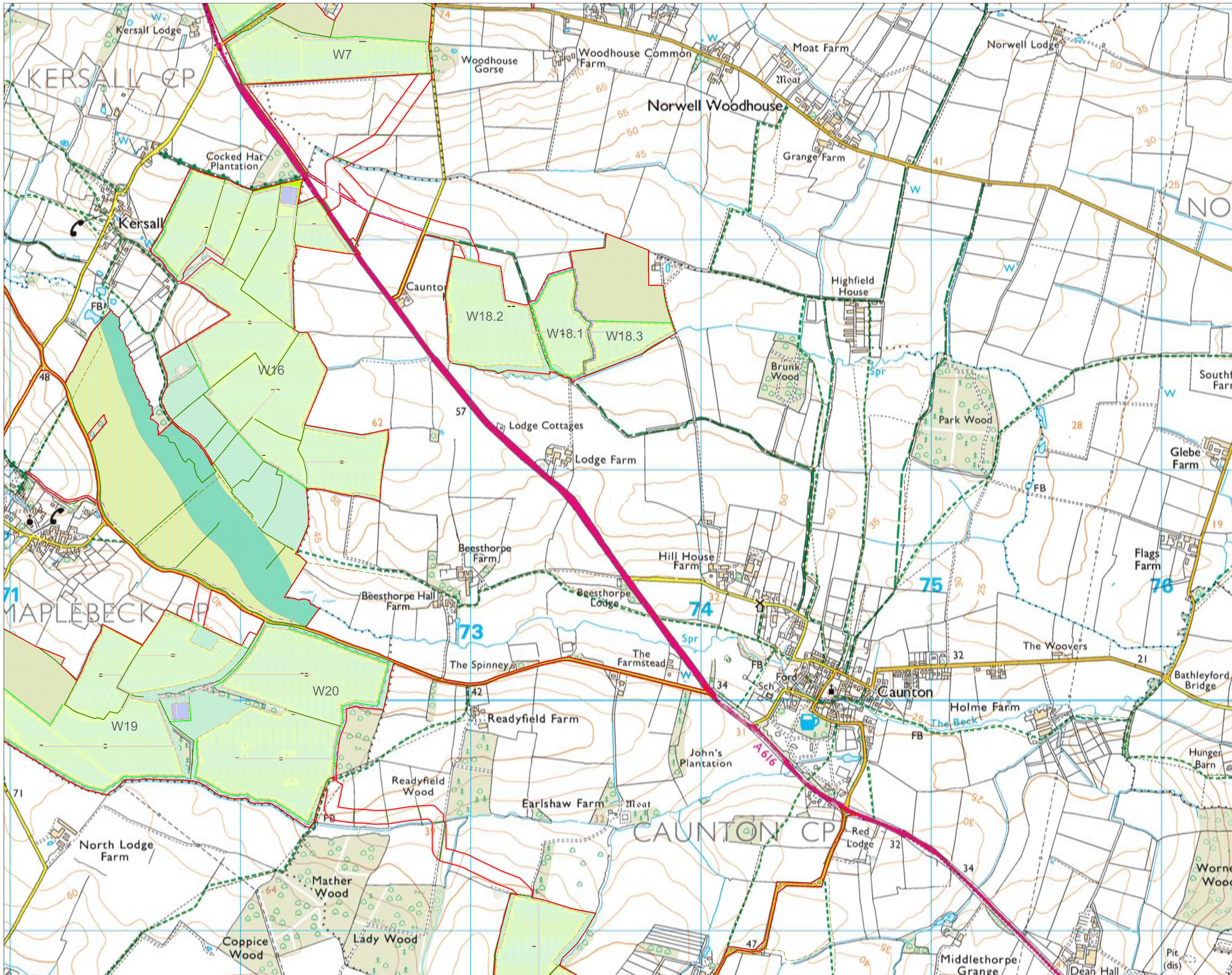


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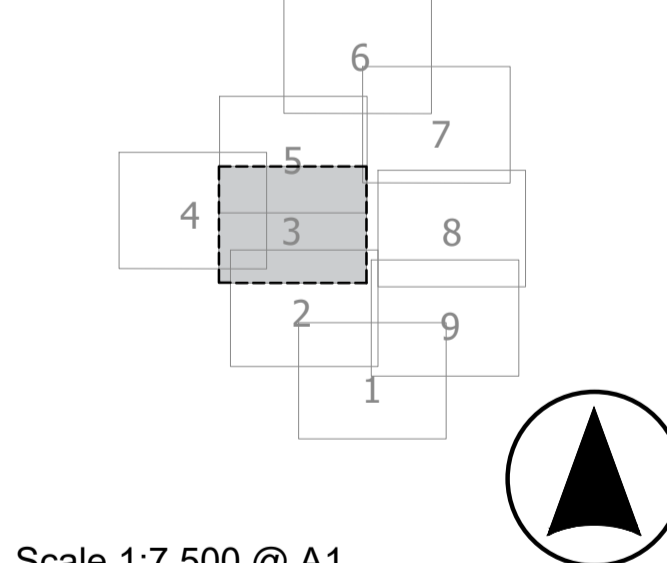
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Landscape Masterplan  
Figure 5.2 Sheet 2 of 9

Great North Road Solar  
and Biodiversity Park  
Environmental Statement



- Key**
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- Access Proposals**
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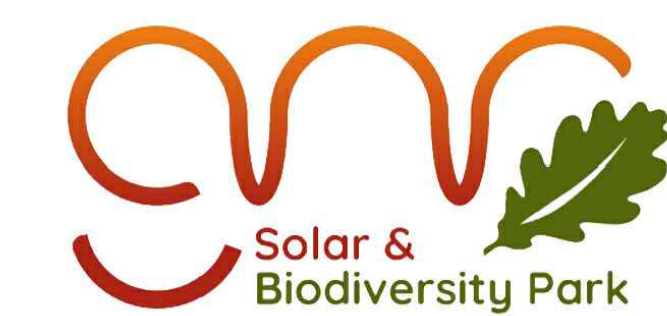
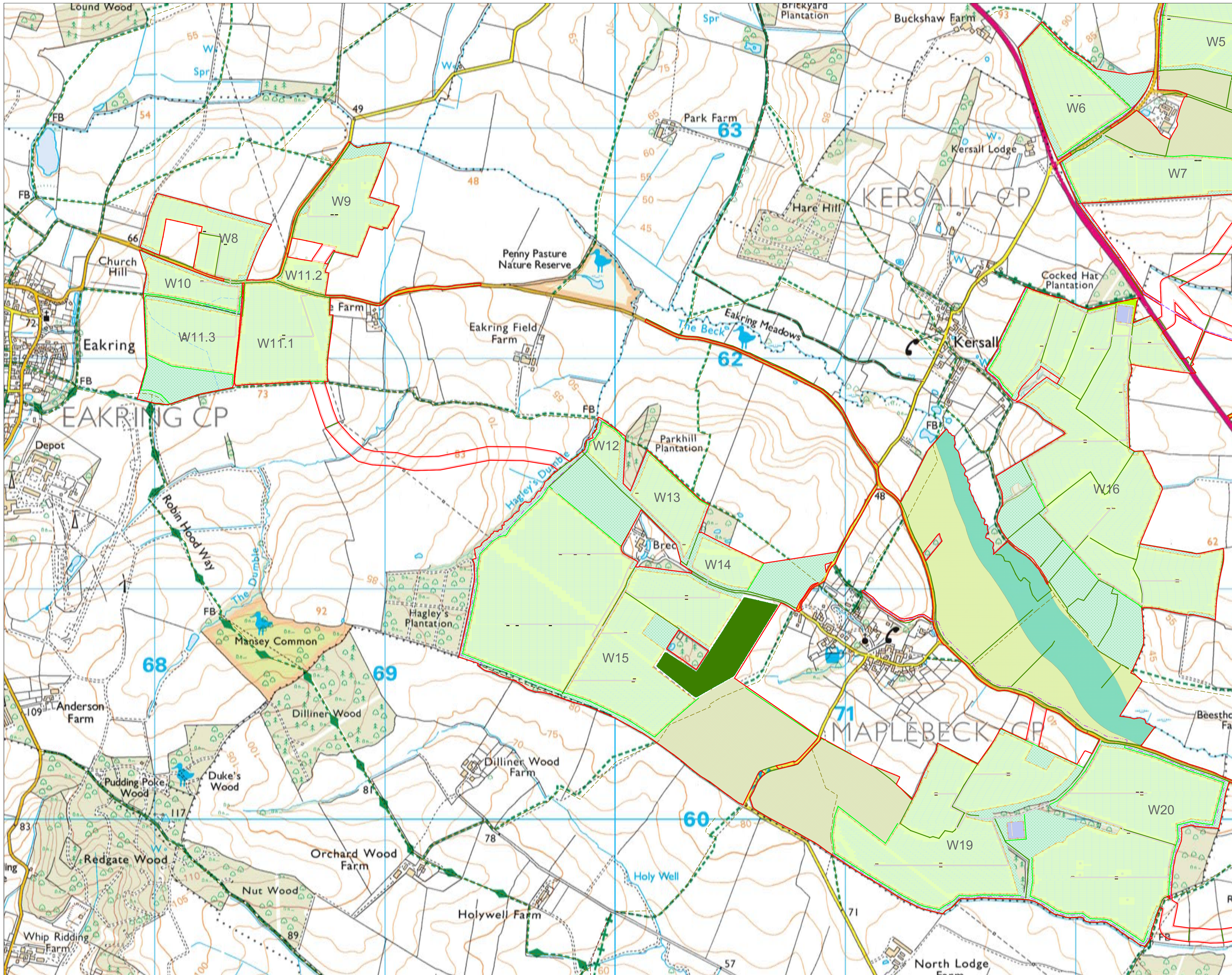


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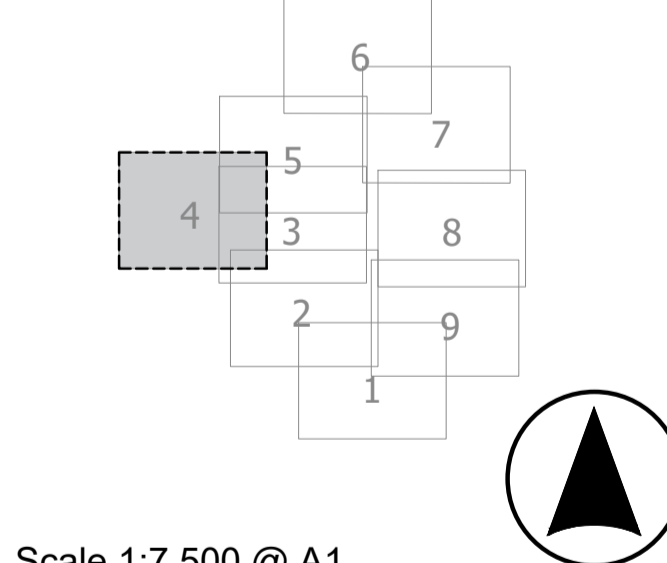
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Landscape Masterplan  
Figure 5.2 Sheet 3 of 9

Great North Road Solar  
and Biodiversity Park  
Environmental Statement



- Key**
- Site boundary
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- Access Proposals**
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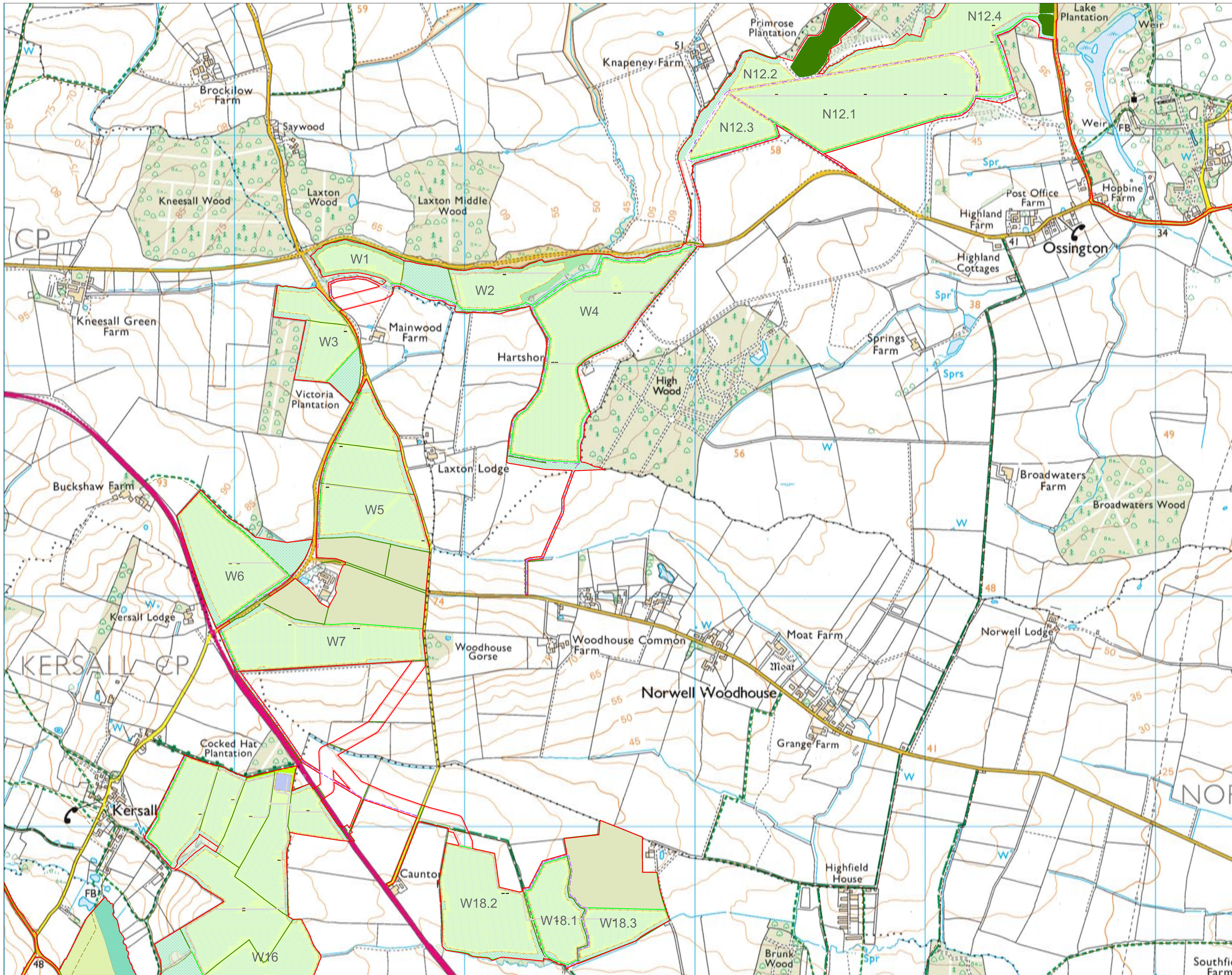


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Landscape Masterplan  
Figure 5.2 Sheet 4 of 9  
Sheet 4 of 9

Great North Road Solar  
and Biodiversity Park  
Environmental Statement



**Key**

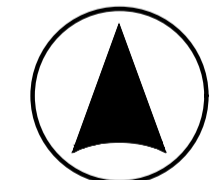
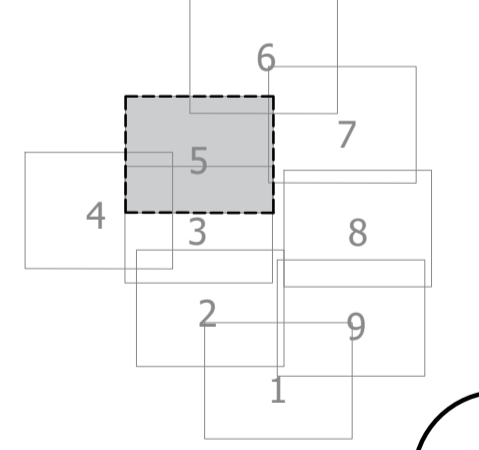
- Site boundary
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**Green infrastructure**

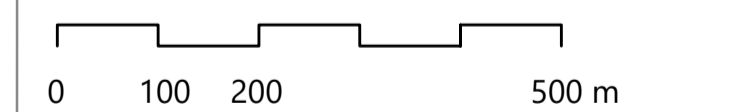
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**Access Proposals**

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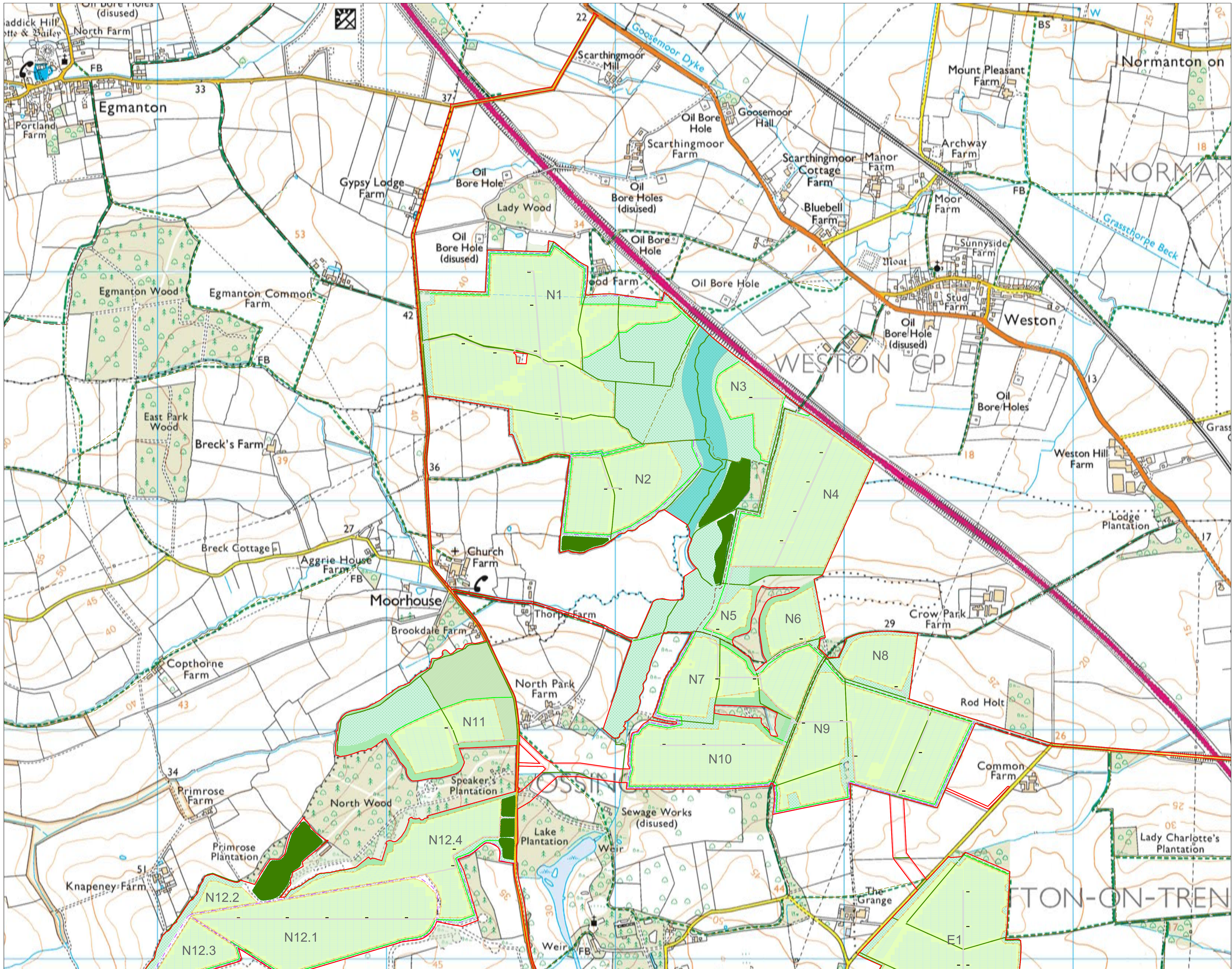
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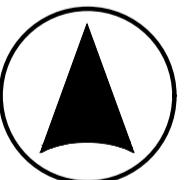
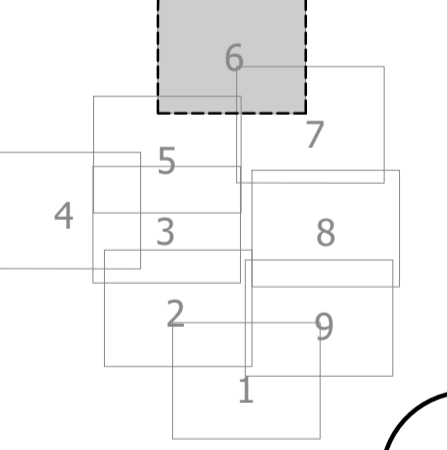
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Landscape Masterplan  
Figure 5.2 Sheet 5 of 9

Great North Road Solar and Biodiversity Park  
Environmental Statement



- Key**
- Site boundary
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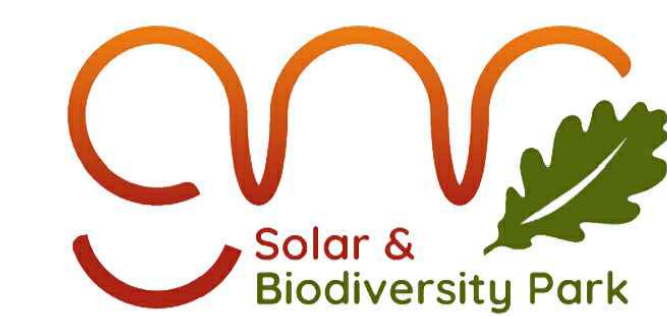
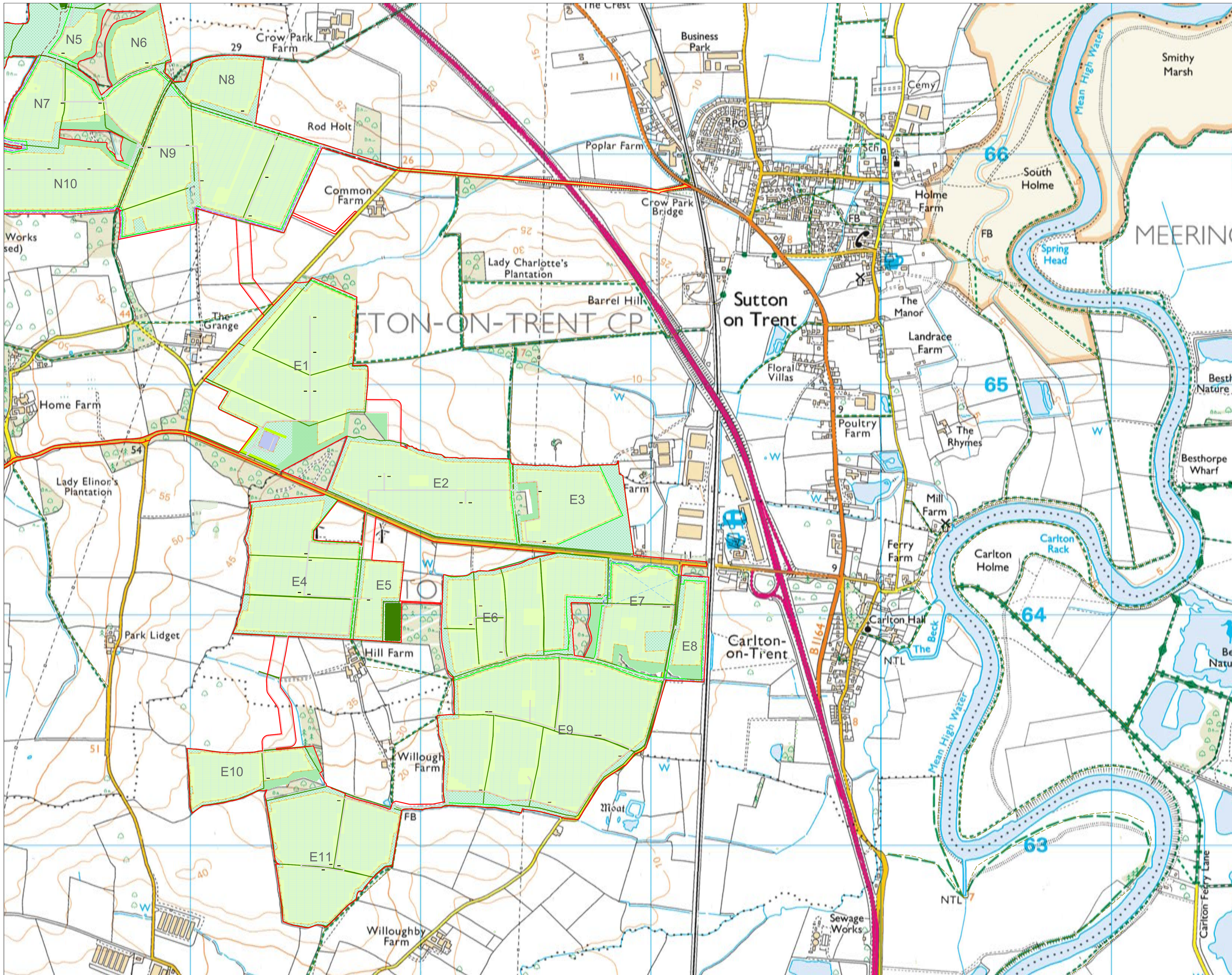


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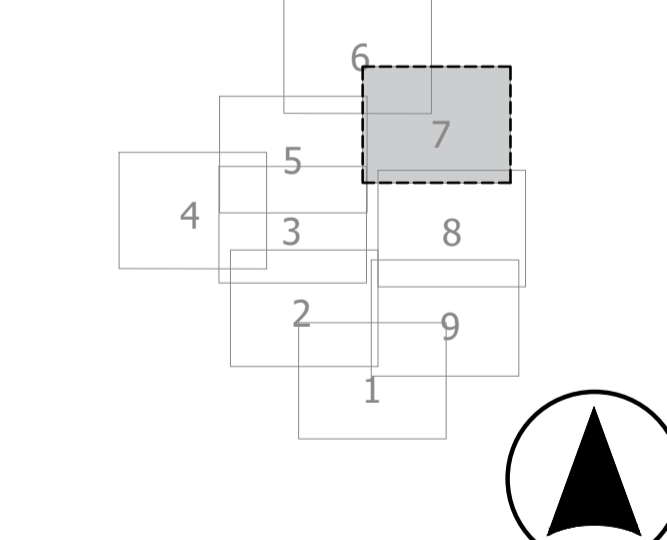
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Landscape Masterplan  
Figure 5.2 Sheet 6 of 9

Great North Road Solar  
and Biodiversity Park  
Environmental Statement



- Key**
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- Green infrastructure**
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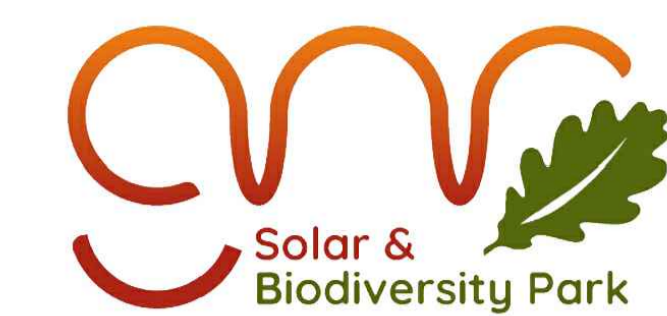


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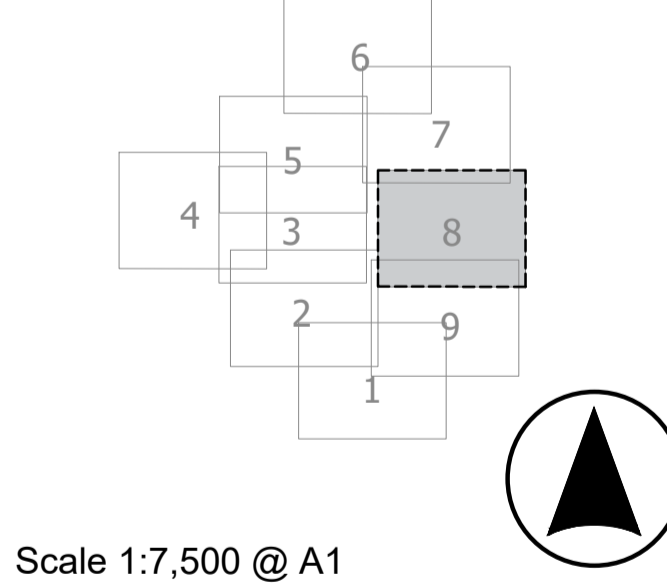
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Landscape Masterplan  
Figure 5.2 Sheet 7 of 9

Great North Road Solar and Biodiversity Park  
Environmental Statement



- Key**
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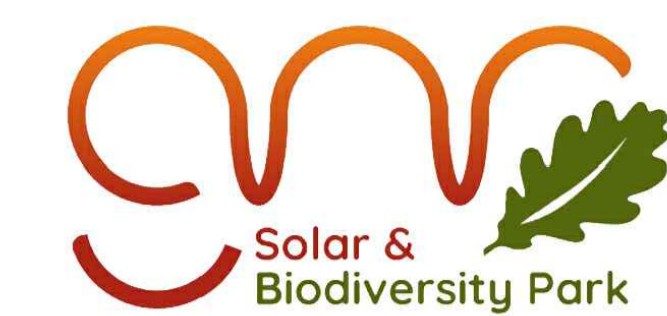


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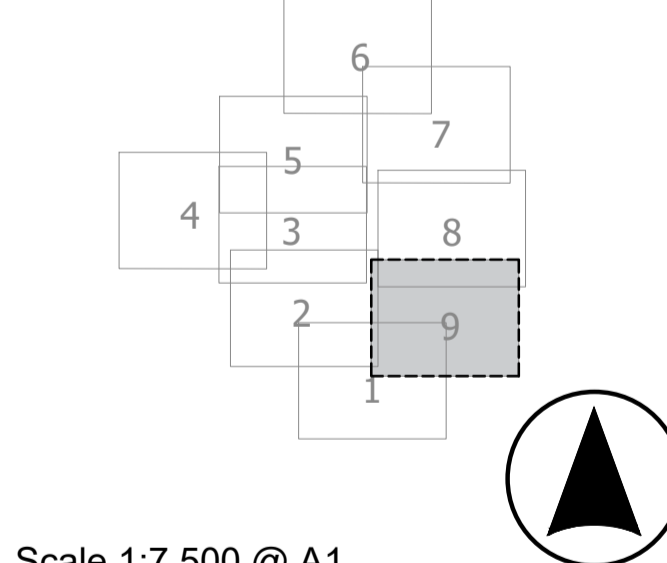
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Landscape Masterplan  
Figure 5.2 Sheet 8 of 9

Great North Road Solar  
and Biodiversity Park  
Environmental Statement



- Key**
- Site boundary
  - Existing Public Rights of Way - Footpath
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  - Proposed woodland
  - Proposed tree belt
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  - Proposed diverse grassland
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  - 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 1:7,500 @ A1

Drawn: Ref: TC25301 v3  
 Checked: Date: 14/04/2026

Landscape Masterplan  
 Figure 5.2 Sheet 9 of 9

Great North Road Solar  
 and Biodiversity Park  
 Environmental Statement