

# Southampton to London Pipeline Project

## Volume 6

Environmental Statement (Volume C)  
Chapter 7: Figures

Application Document: 6.3

Planning Inspectorate Reference Number: EN070005

APFP Regulation No. 5(2)(a)

Revision No. 1.0

May 2019

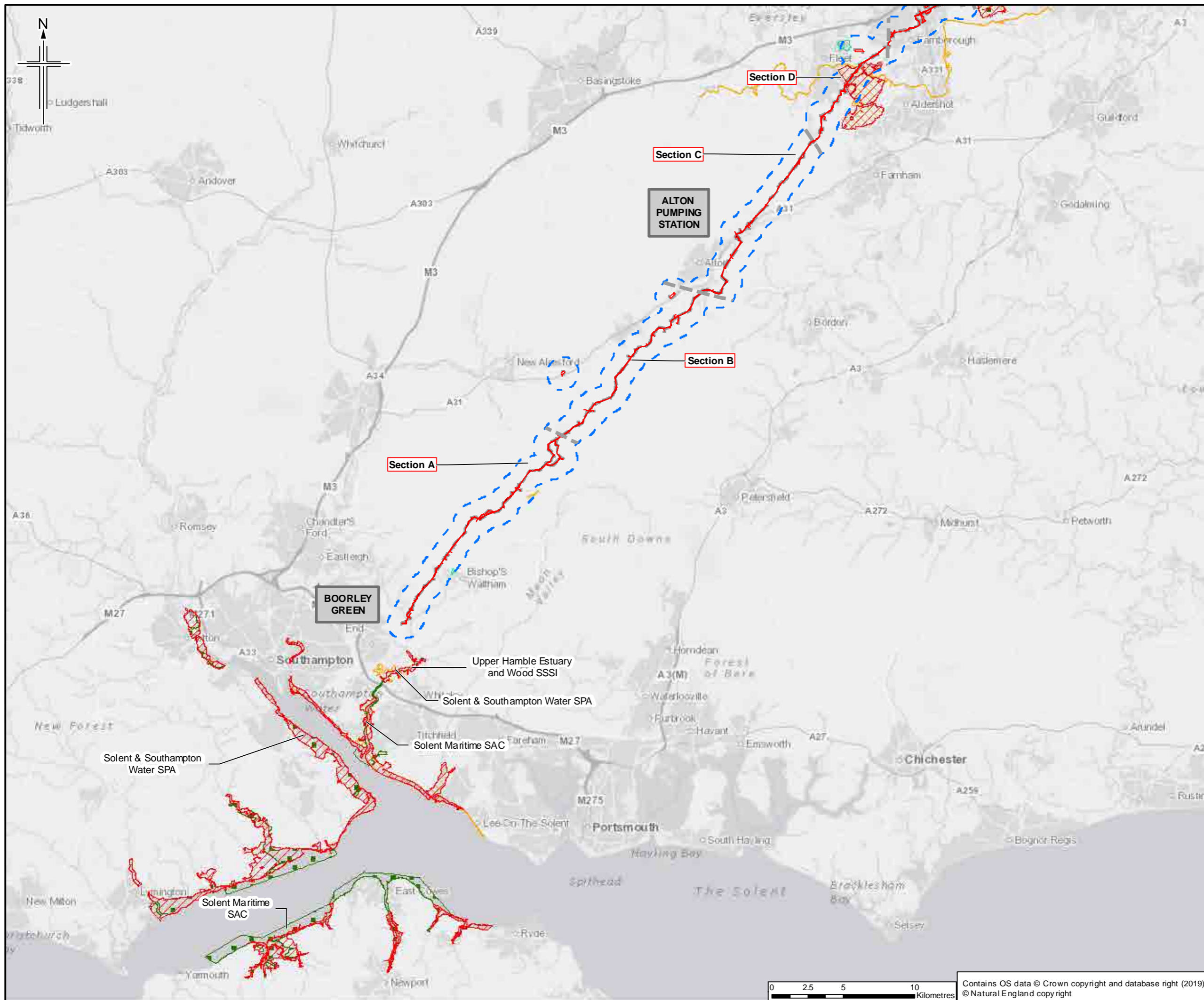


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- Legend**
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  - Order Limits 50m buffer
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  - Section break
  - Section break
  - Special Protection Area (SPA)
  - Special Area of Conservation (SAC)
  - Local Nature Reserve (LNR)
  - Site of Special Scientific Interest (SSSI)

\* Buffer is known as the 'study area' in Chapter 7 Biodiversity.

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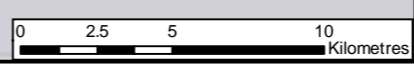
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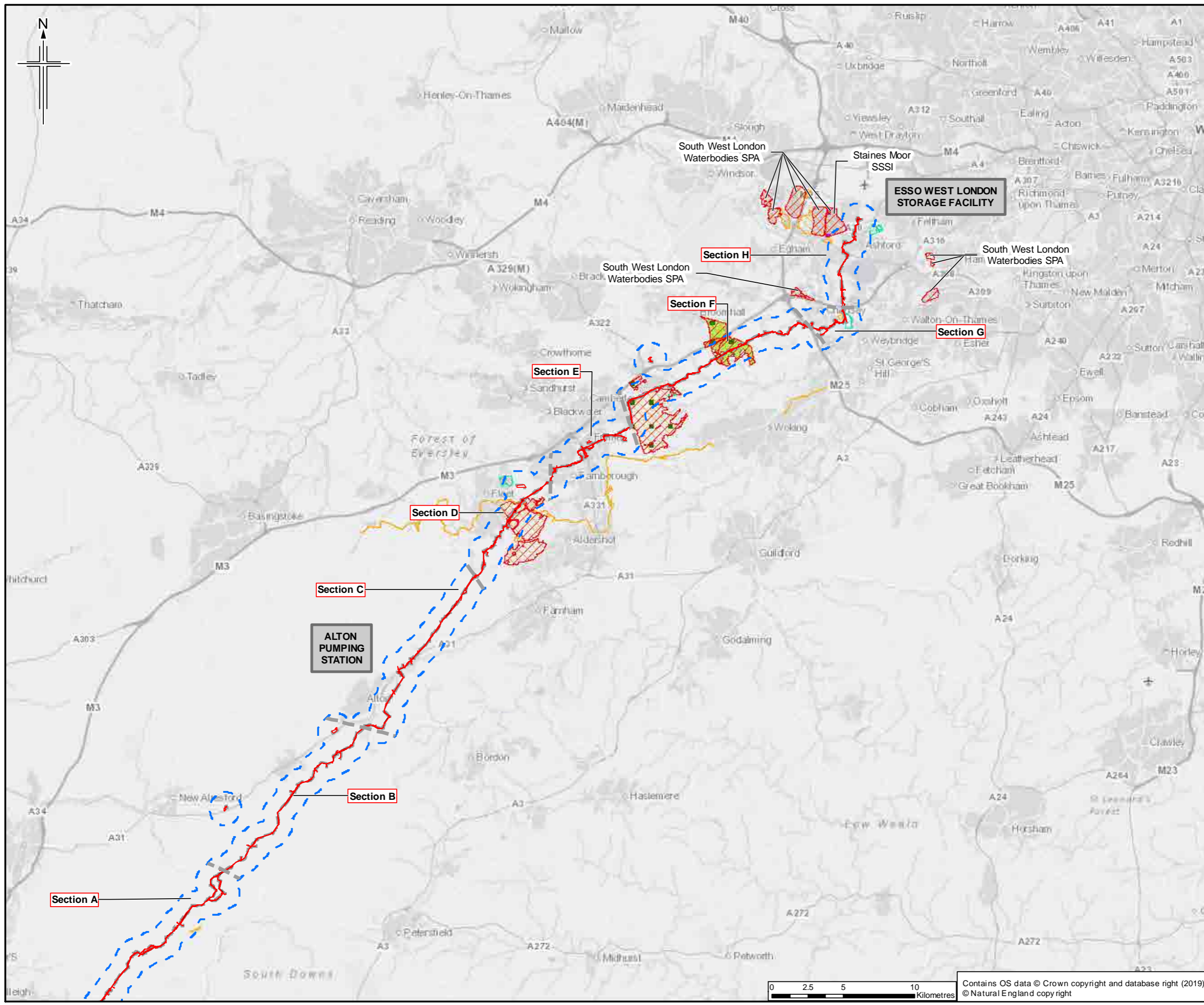
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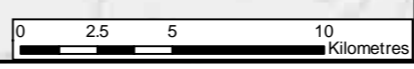
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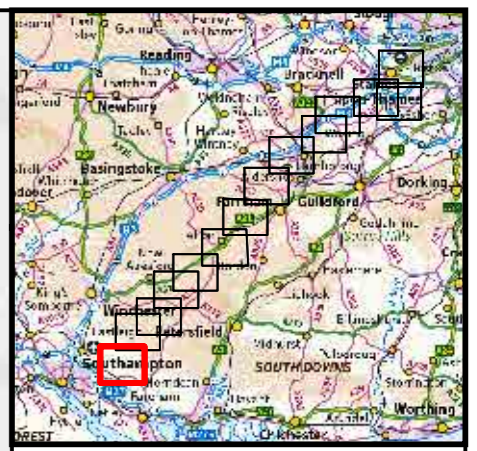
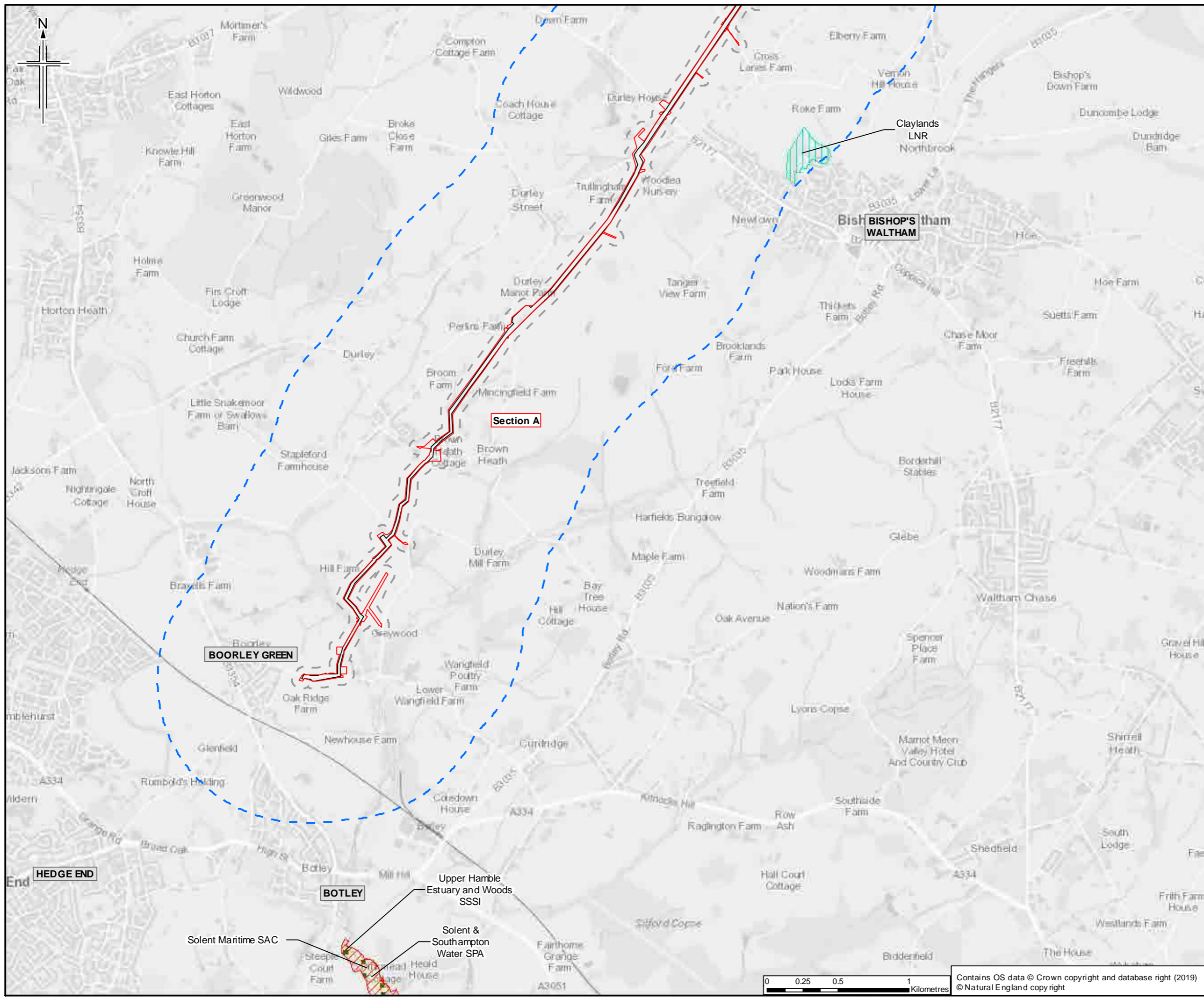
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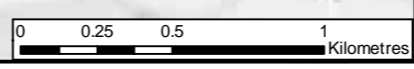
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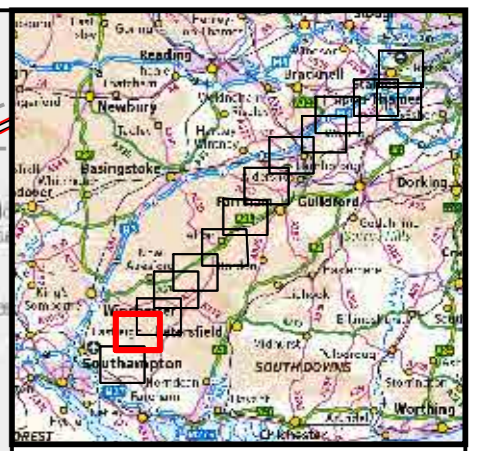
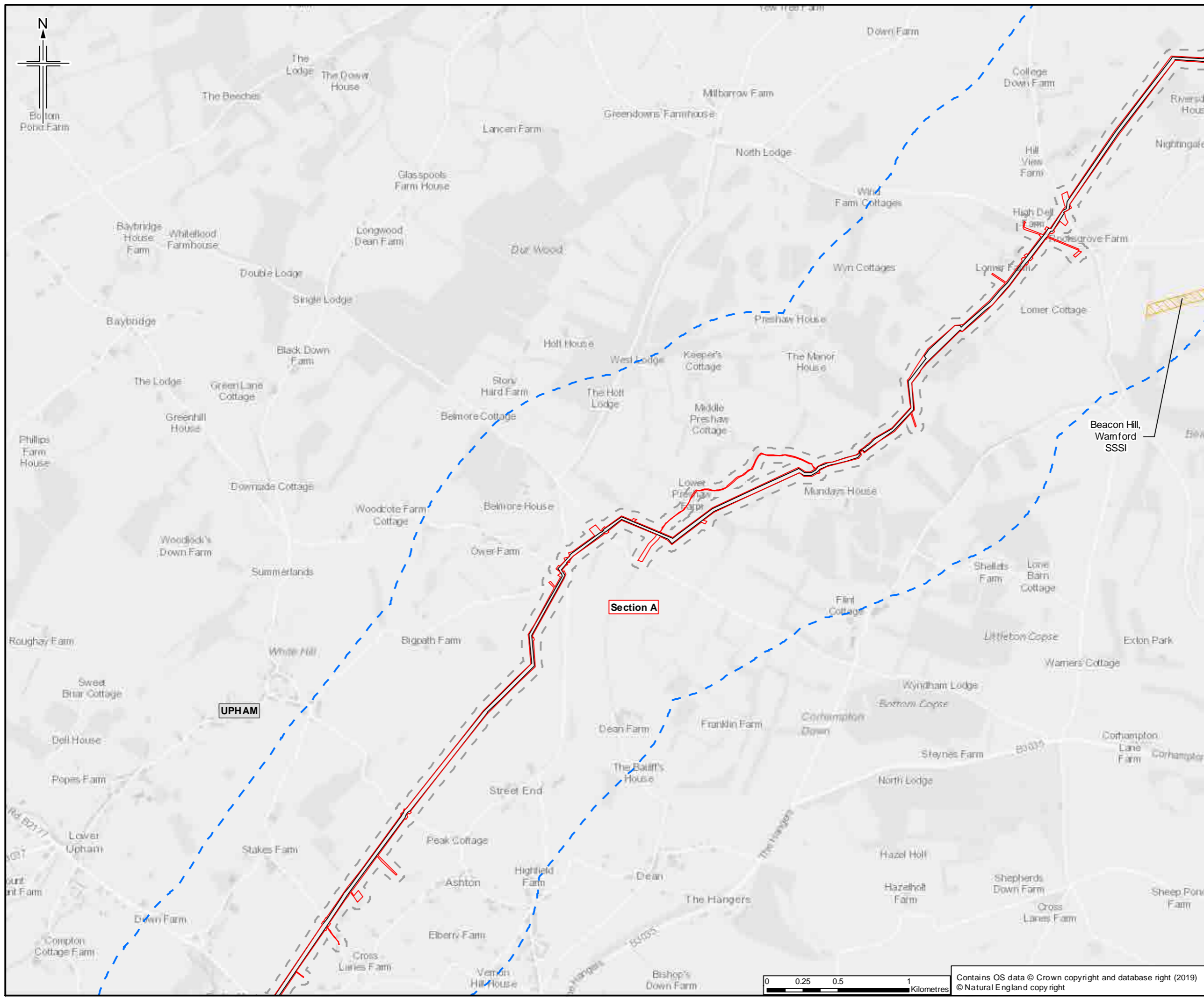
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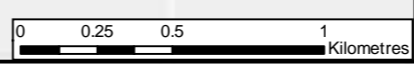
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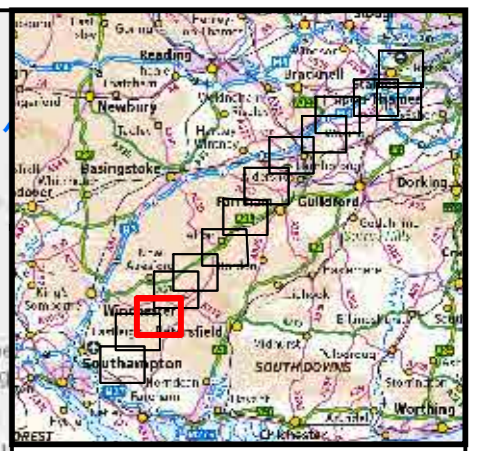
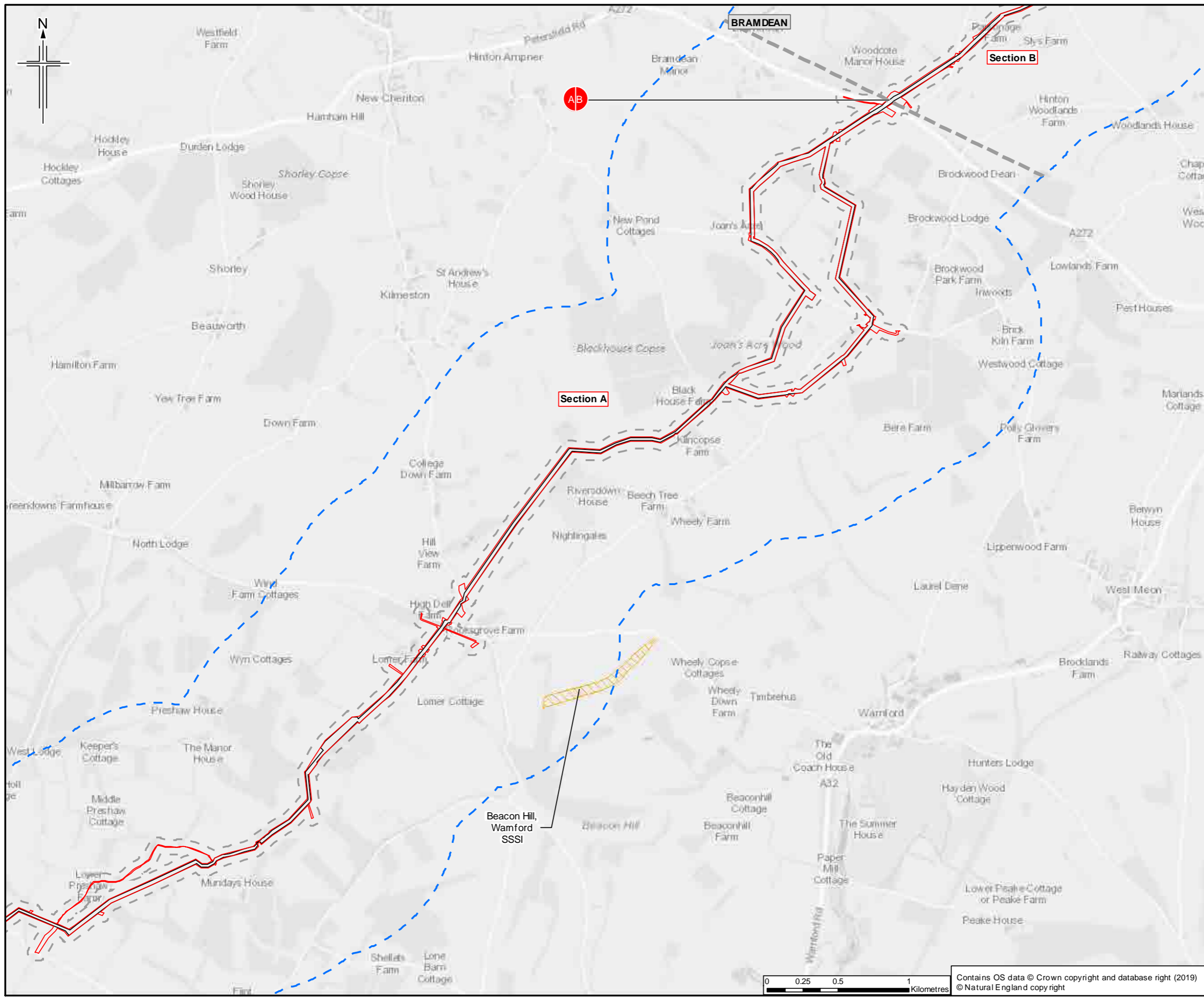
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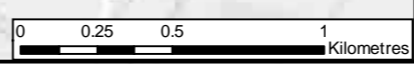
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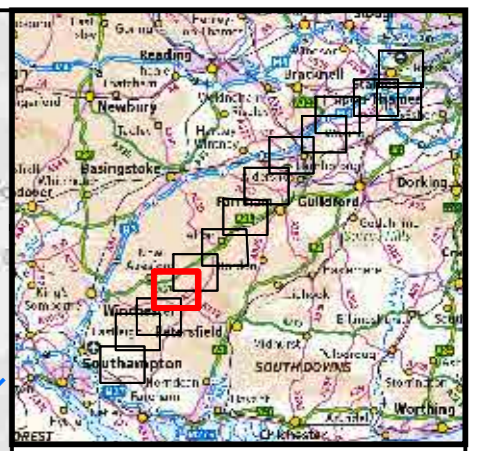
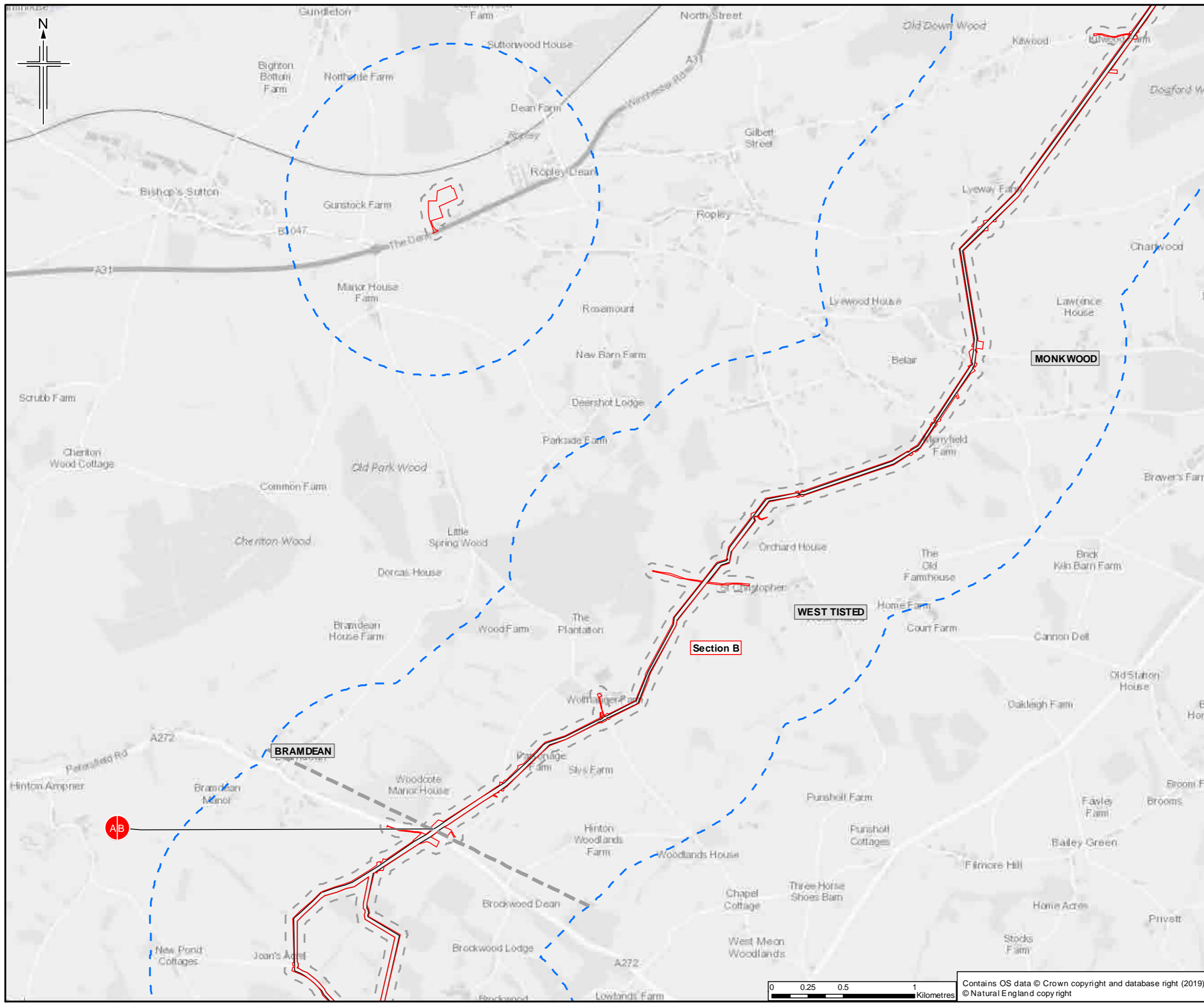
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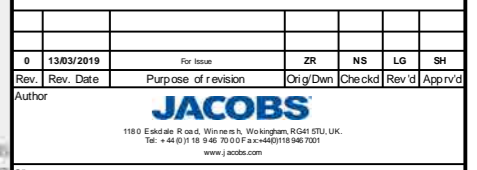


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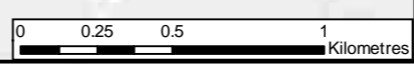


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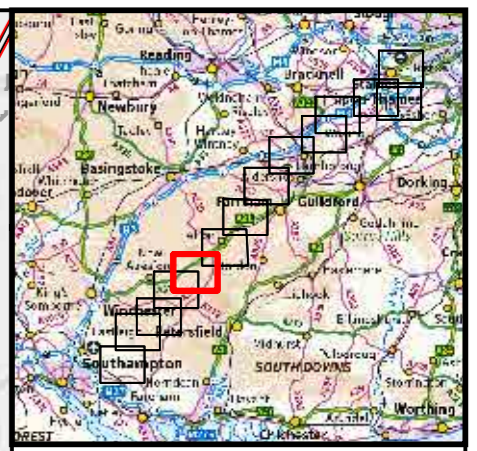
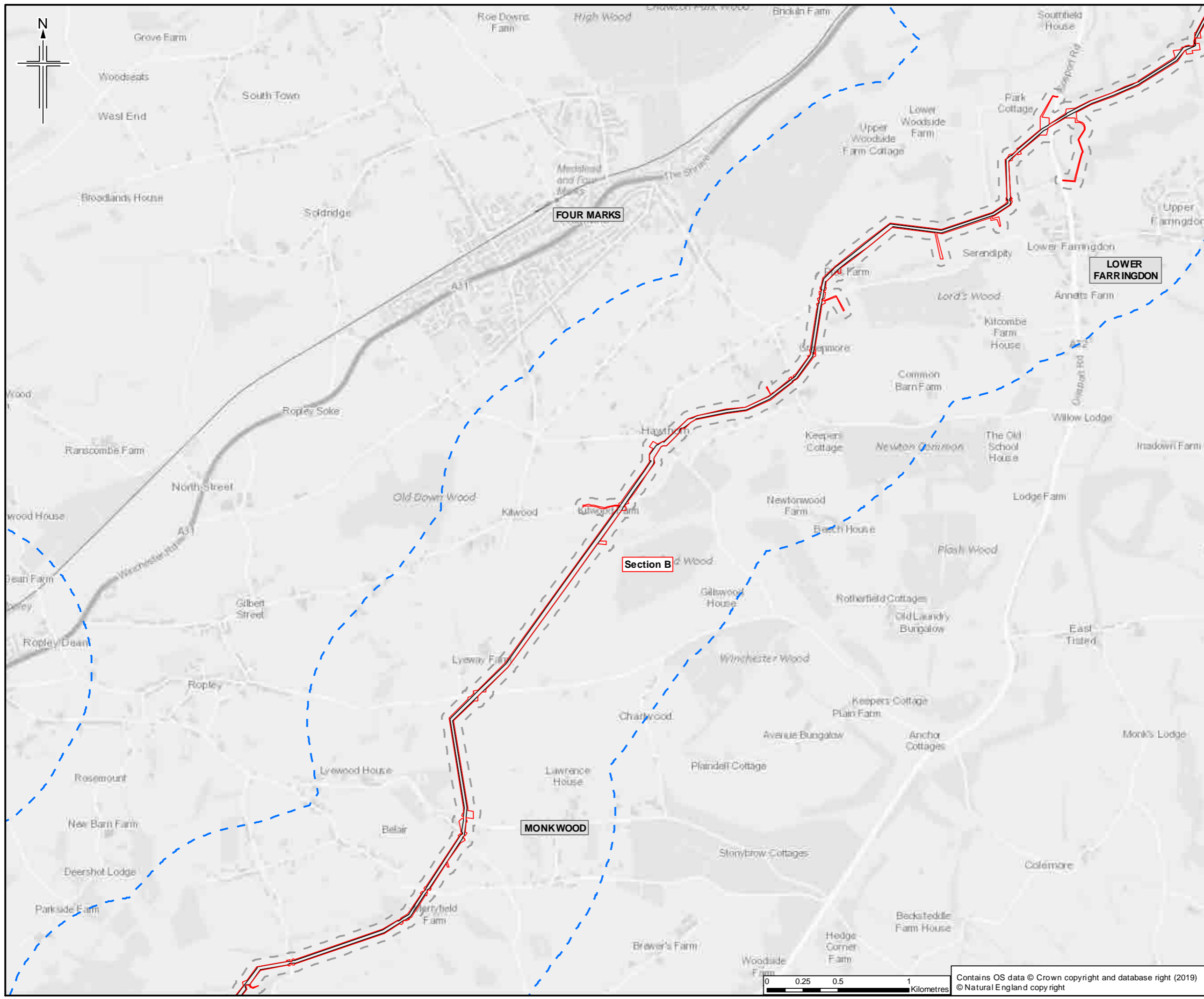
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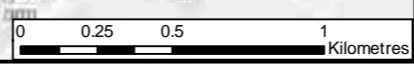


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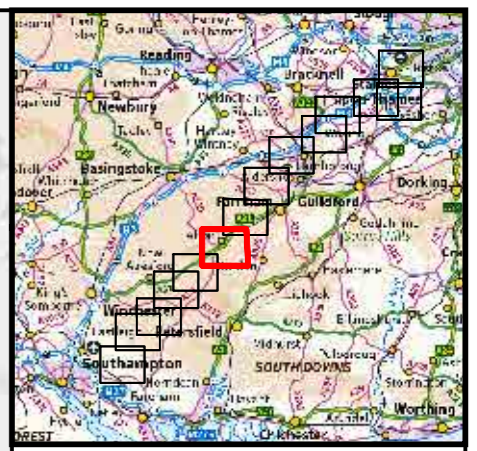
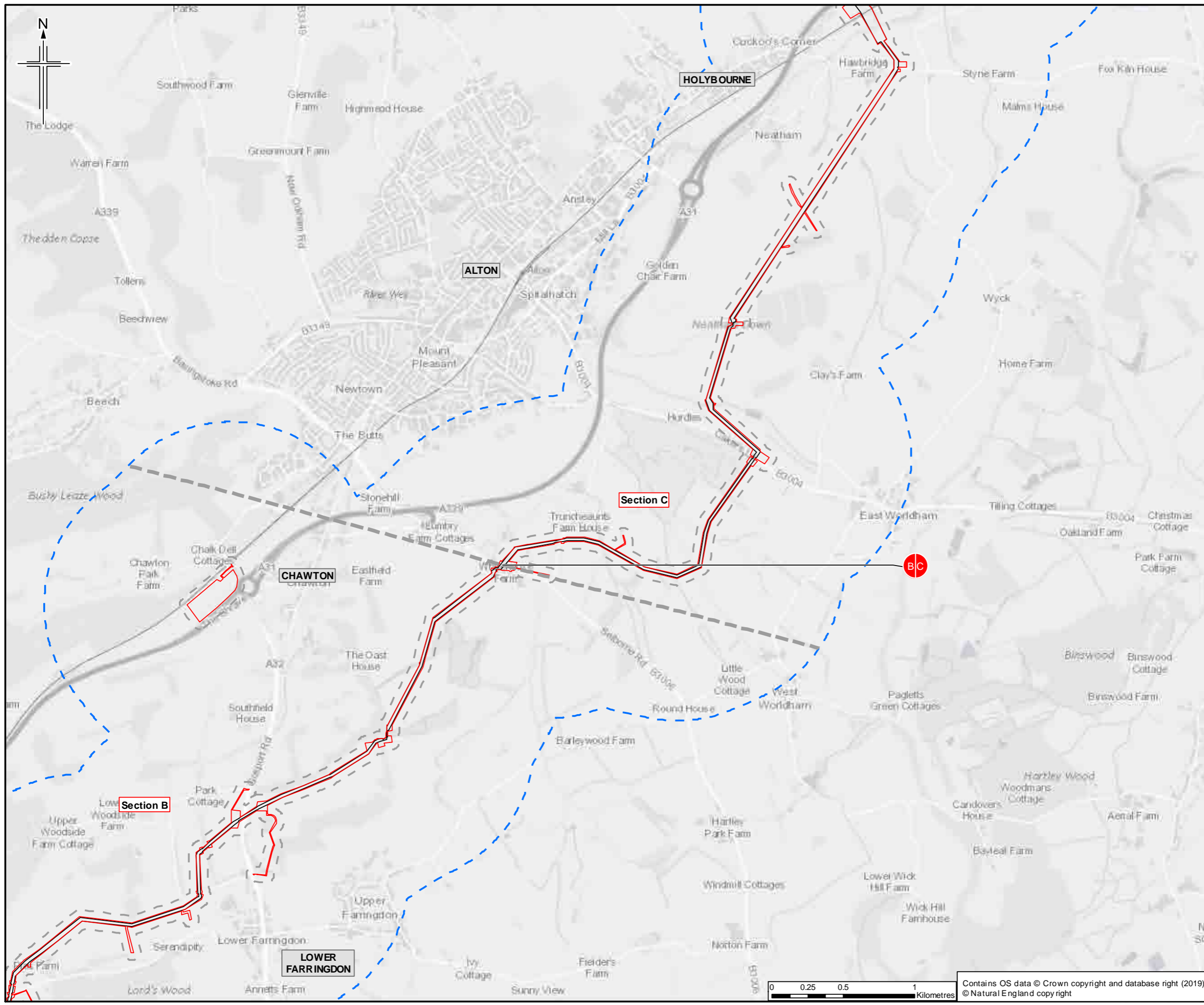
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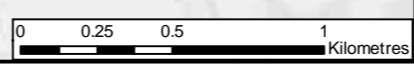


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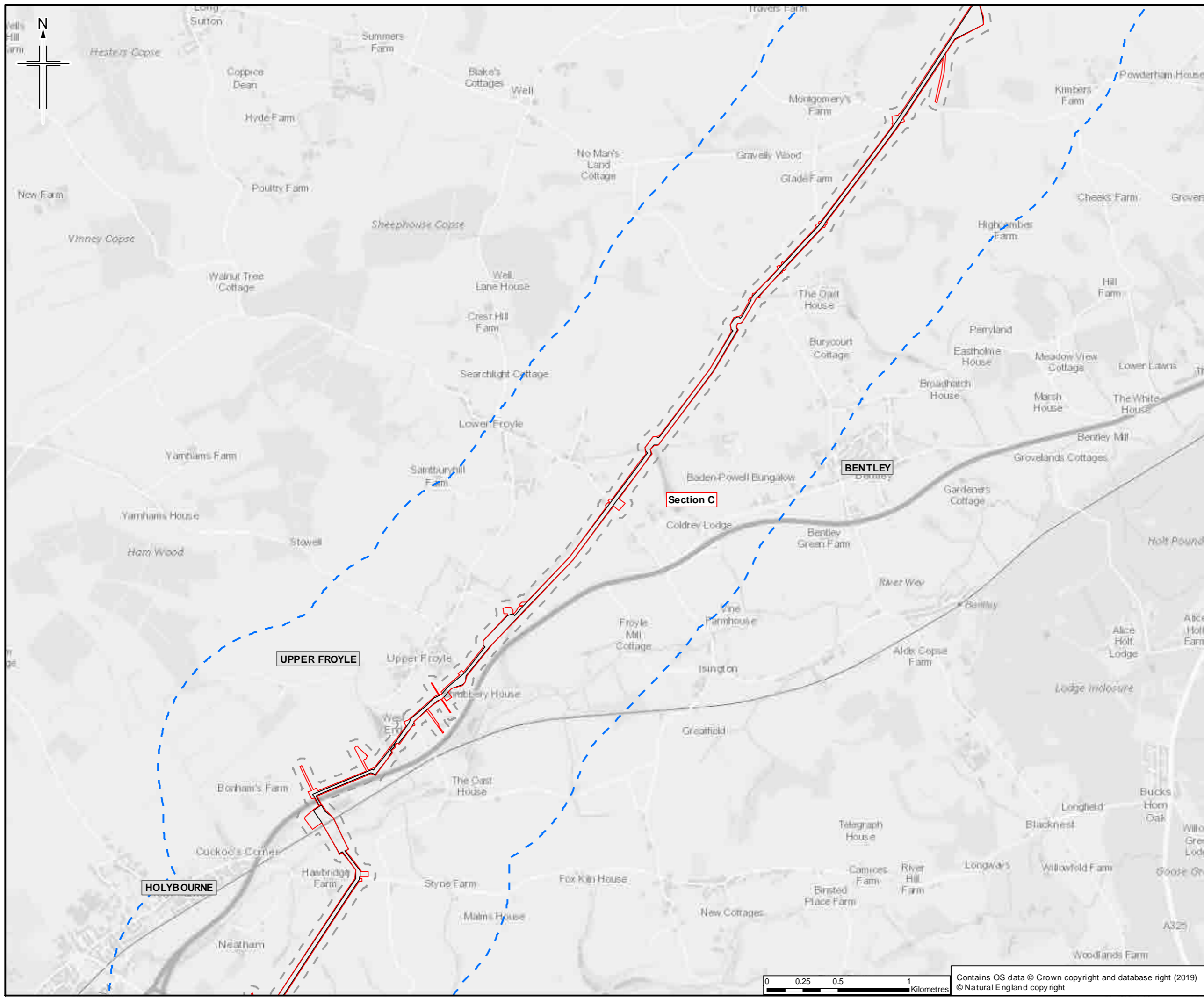


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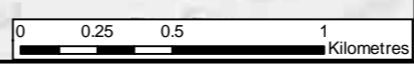


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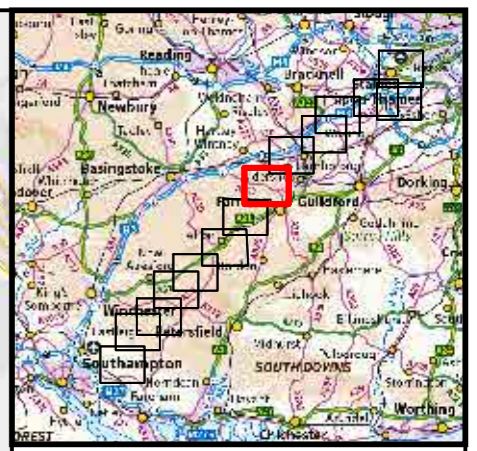
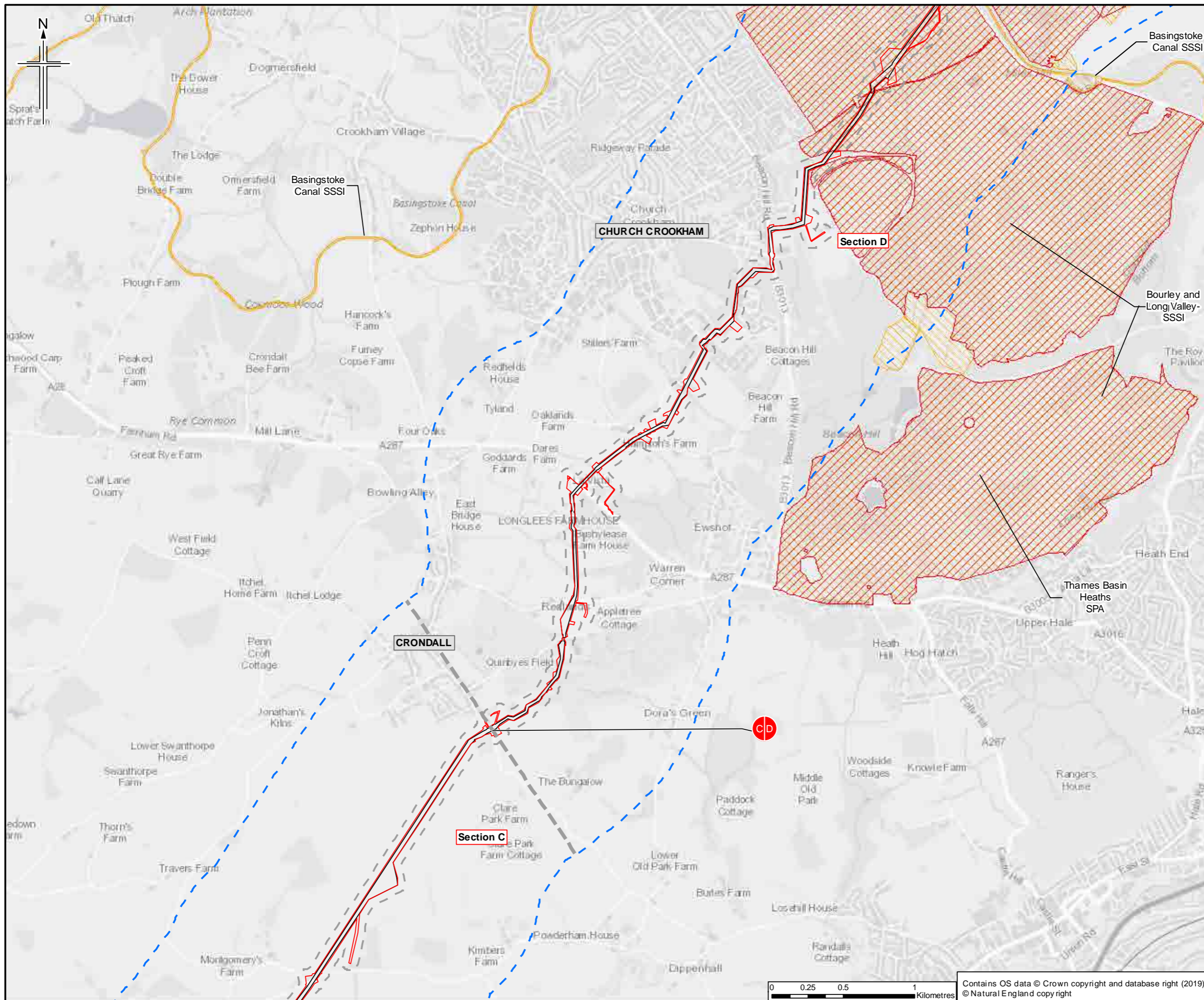
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 1180 Eastlake Road, Wokingham, Wokingham RG40 3BU, UK  
 Tel: +44 (0) 18 45 7000 Fax: +44(0)18 45 7001  
 www.jacobs.com

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 Surrey,  
 KT22 8UX

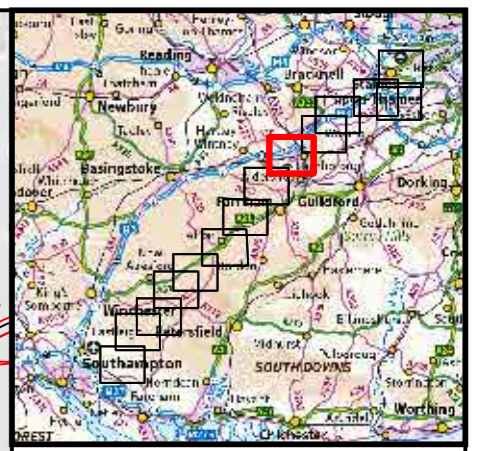
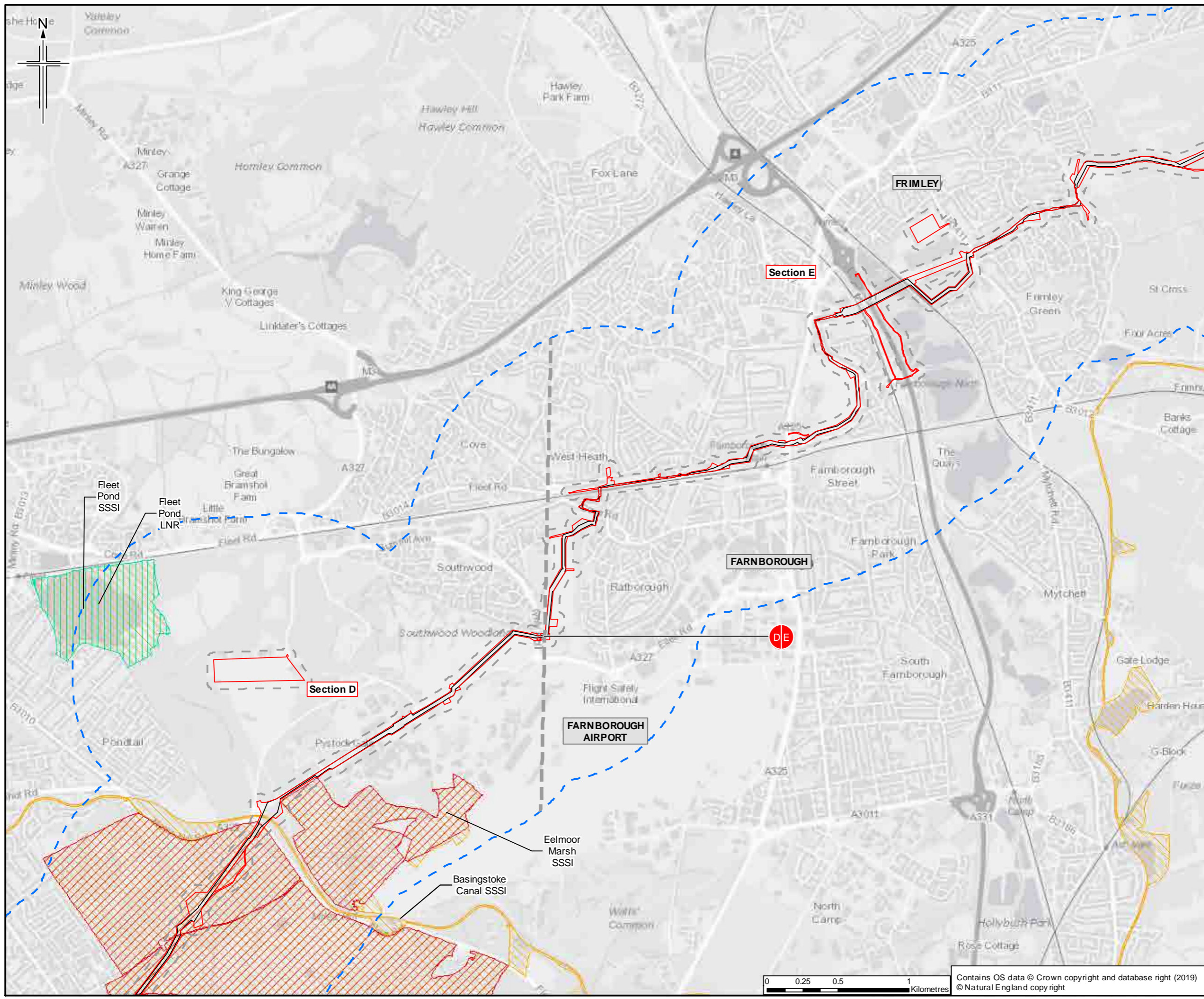
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1100 E Colville Road, Winchester, Wokingham RG40 3DU, UK  
Tel: +44 (0) 18 946 7000 Fax: +44(0)189467001  
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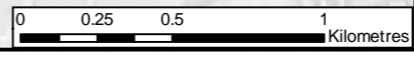
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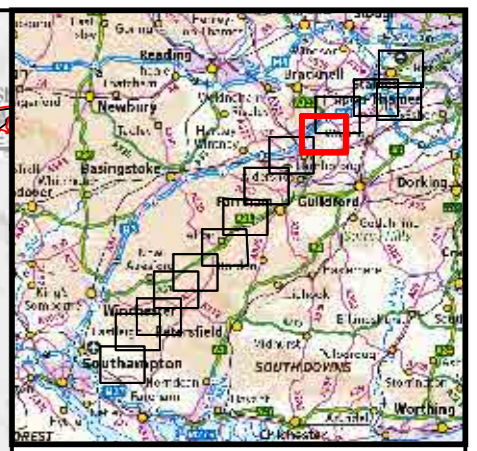
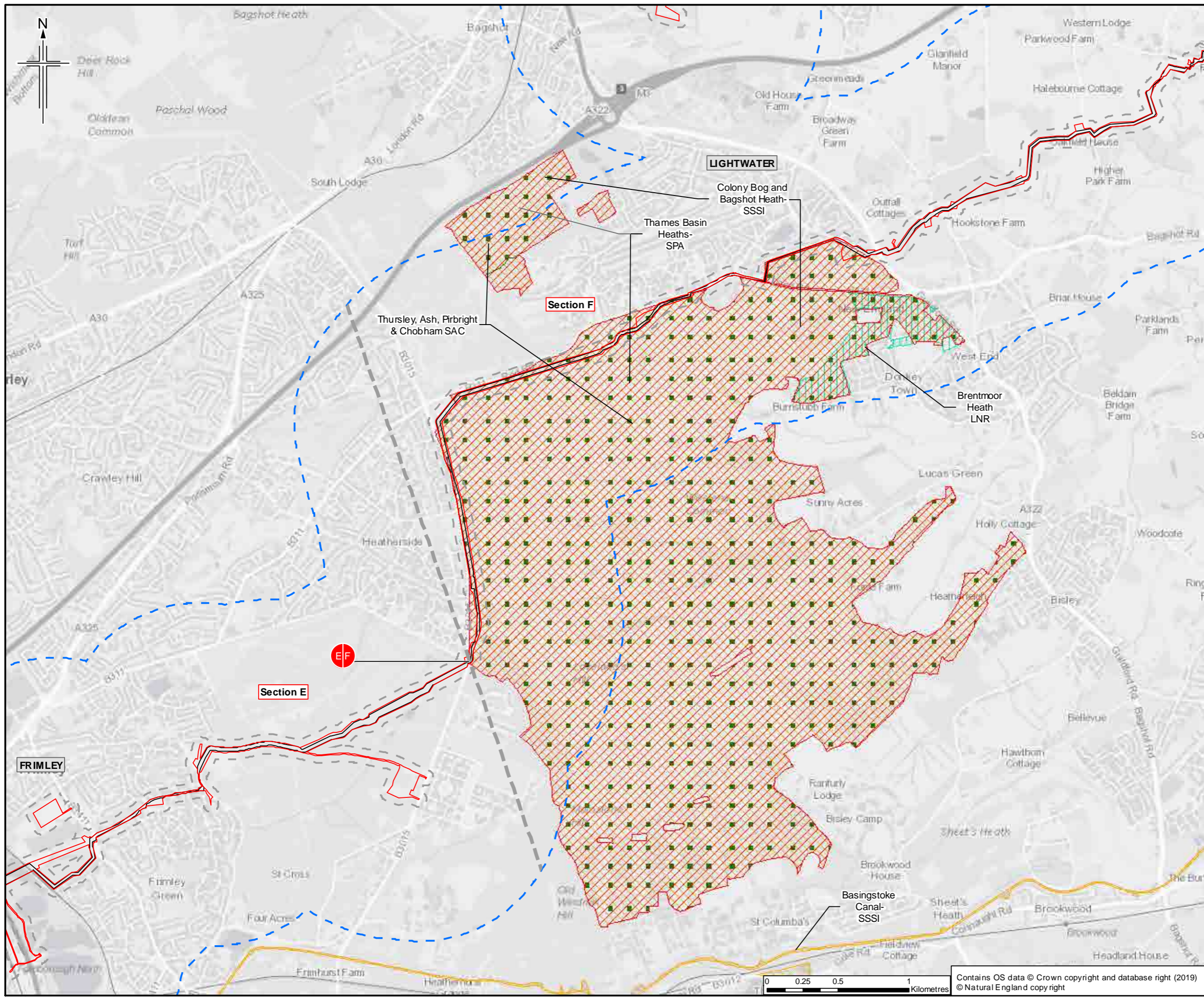
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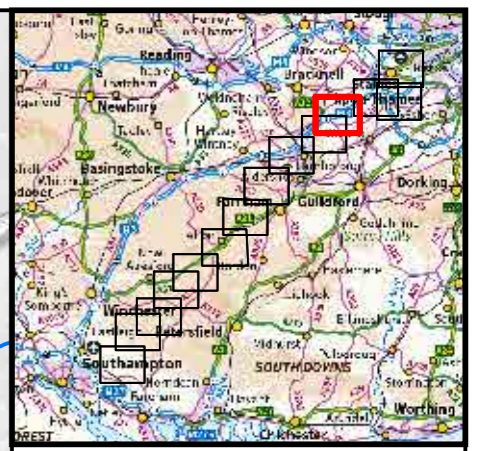
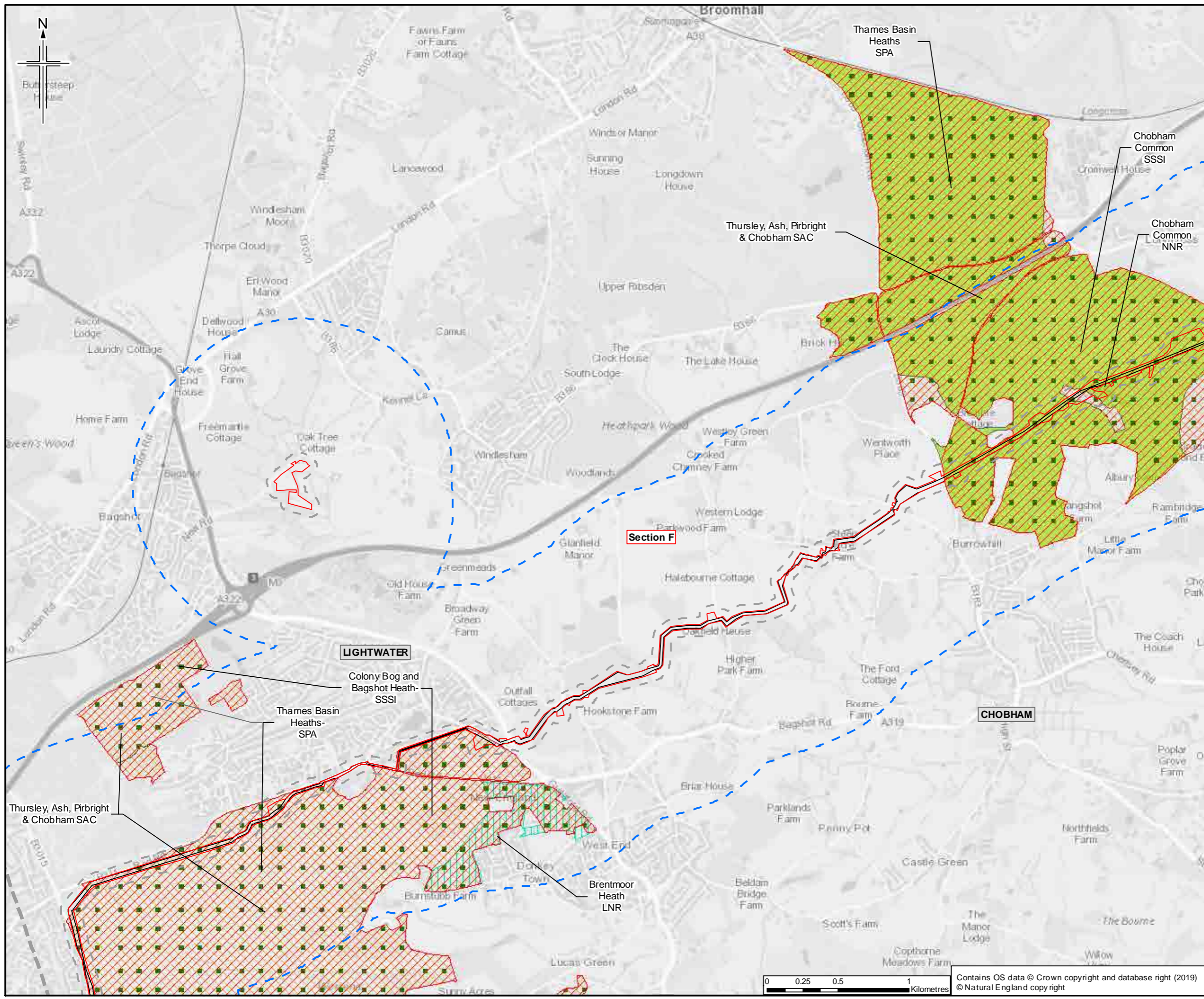
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STATUTORY DESIGNATED SITES  
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APFP Reg. (2009) 5(2)(l)**

Drawing Status	For Issue
Scale	1:25,000 @ A3 DO NOT SCALE
Jacobs No.	B2325300
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Drawing number	Figure 7.1 Sheet 10 of 14
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- Legend**
- Order Limits
  - Limits of deviation
  - Order Limits 50m buffer
  - Order Limits 1km buffer
  - Section break
  - Section break
  - Special Protection Area (SPA)
  - Special Area of Conservation (SAC)
  - Local Nature Reserve (LNR)
  - Site of Special Scientific Interest (SSSI)
  - National Nature Reserve (NNR)

\* Buffer is known as the 'study area' in Chapter 7 Biodiversity. Sheet displays a part of Section F

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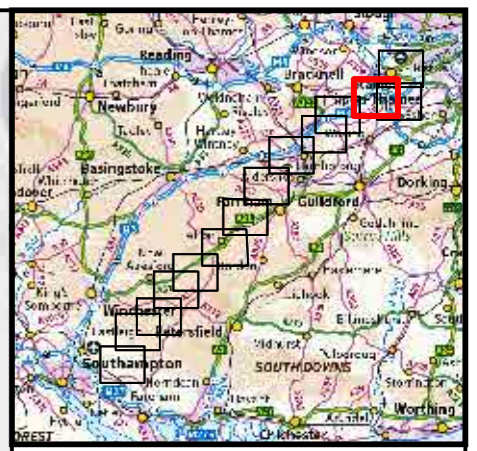
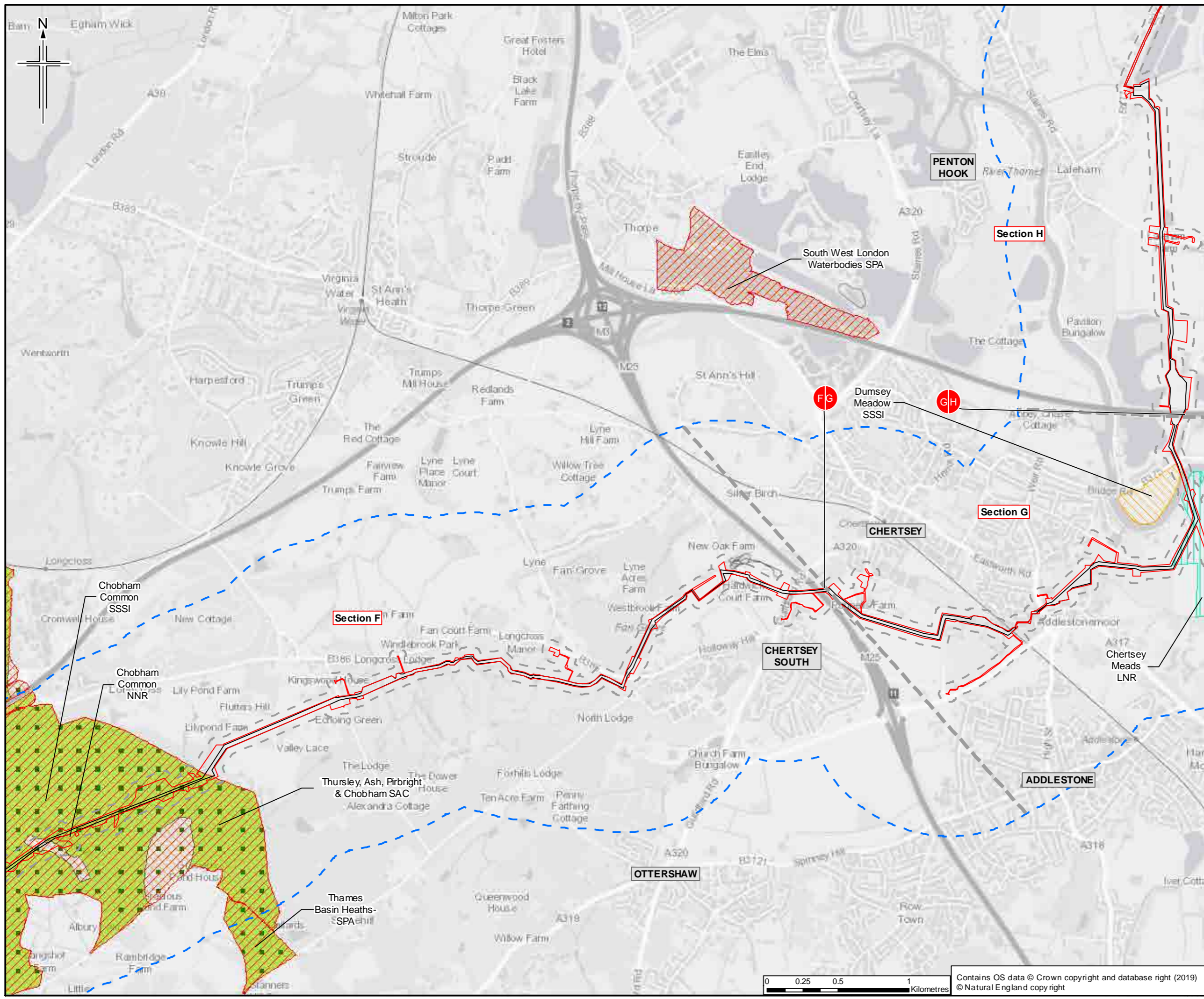
Project  
**Southampton to London Pipeline Project**

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**ENVIRONMENTAL STATEMENT  
 STATUTORY DESIGNATED SITES  
 FOR NATURE CONSERVATION  
 APFP Reg. (2009) 5(2)(f)**

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- Legend**
- Order Limits
  - Limits of deviation
  - Order Limits 50m buffer
  - Order Limits 1km buffer
  - Section break
  - Section break
  - Special Protection Area (SPA)
  - Special Area of Conservation (SAC)
  - Local Nature Reserve (LNR)
  - Site of Special Scientific Interest (SSSI)
  - National Nature Reserve (NNR)

\* Buffer is known as the 'study area' in Chapter 7 Biodiversity. Sheet displays parts of Section F, Section G and Section H

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Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Apprv'd
Author						

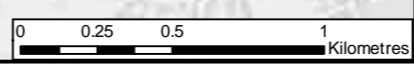
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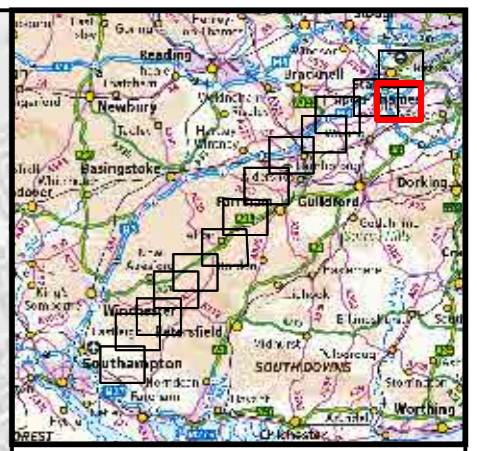
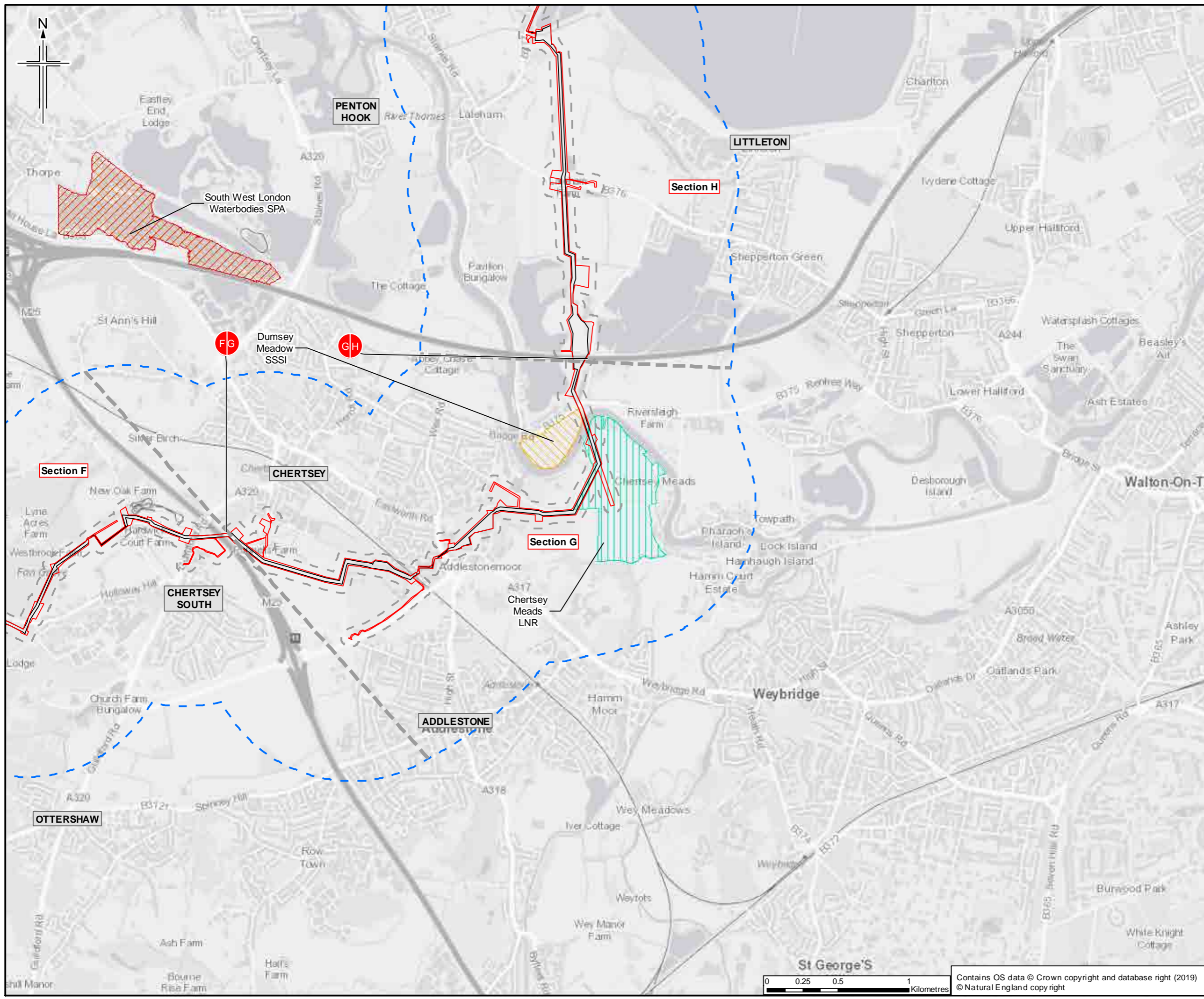
Project  
 Southampton to London Pipeline Project

Drawing title  
**ENVIRONMENTAL STATEMENT  
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 FOR NATURE CONSERVATION  
 APFP Reg. (2009) 5(2)(f)**

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- Legend**
- Order Limits
  - Limits of deviation
  - Order Limits 50m buffer
  - Order Limits 1km buffer
  - Section break
  - Section break
  - Special Protection Area (SPA)
  - Local Nature Reserve (LNR)
  - Site of Special Scientific Interest (SSSI)

\* Buffer is known as the 'study area' in Chapter 7 Biodiversity. Sheet displays parts of Section F, Section G and Section H

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Rev.	Rev. Date	Purpose of revision	OrigDwn	Checked	Rev'd	Apprv'd

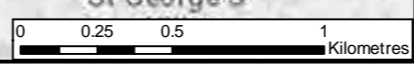
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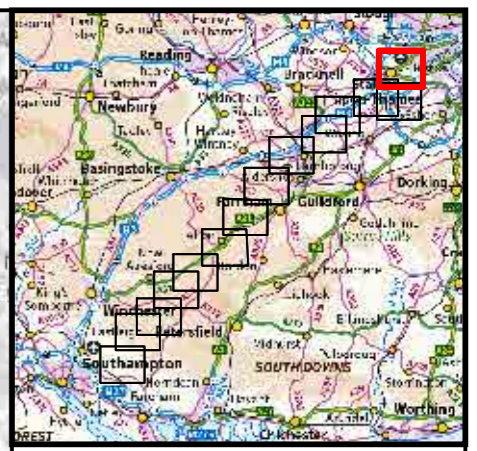
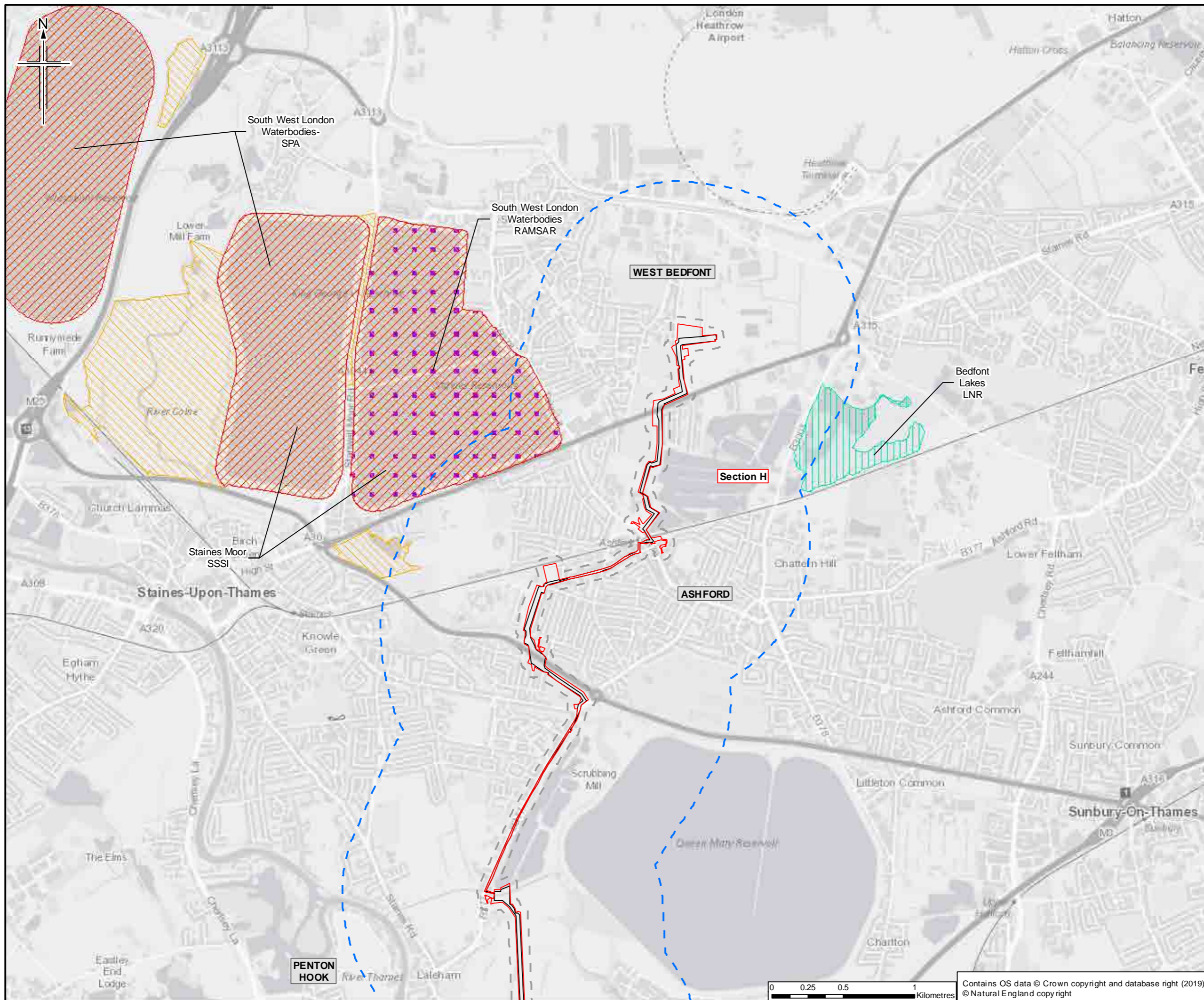
Project  
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Drawing title  
**ENVIRONMENTAL STATEMENT  
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 FOR NATURE CONSERVATION  
 APFP Reg. (2009) 5(2)(f)**

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- Legend**
- Order Limits
  - Limits of deviation
  - Order Limits 50m buffer
  - Order Limits 1km buffer
  - Section break
  - Section break
  - Special Protection Area (SPA)
  - Local Nature Reserve (LNR)
  - Site of Special Scientific Interest (SSSI)
  - Ramsar

\* Buffer is known as the 'study area' in Chapter 7 Biodiversity. Sheet displays a part of Section H

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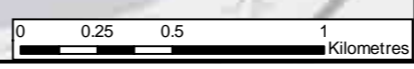
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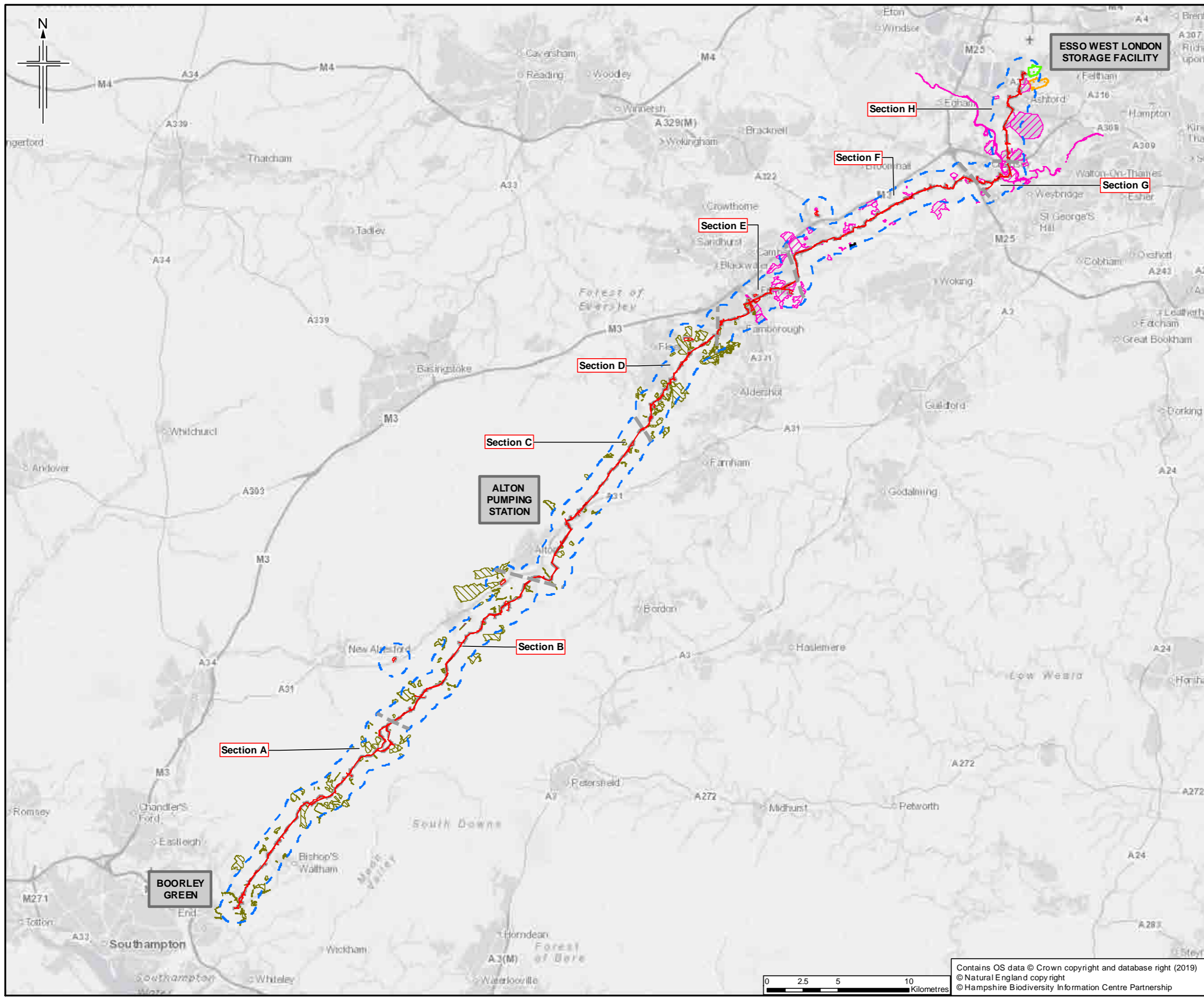
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**ENVIRONMENTAL STATEMENT  
STATUTORY DESIGNATED SITES  
FOR NATURE CONSERVATION  
APFP Reg. (2009) 5(2)(f)**

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- Legend**
- Order Limits
  - Limits of deviation
  - Order Limits 50m buffer
  - Order Limits 1km buffer
  - Section break
  - Section break
  - Site of Importance for Nature Conservation (SINC)
  - Site of Nature Conservation Importance (SNCI)
  - Site of Metropolitan Importance (SMI)
  - Site of Borough Importance (SBI)
  - Road Verge of Ecological Importance (RVEI)
  - Conservation Verge

\* Buffer is known as the 'study area' in Chapter 7 Biodiversity.

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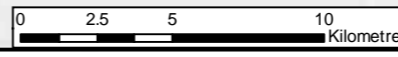
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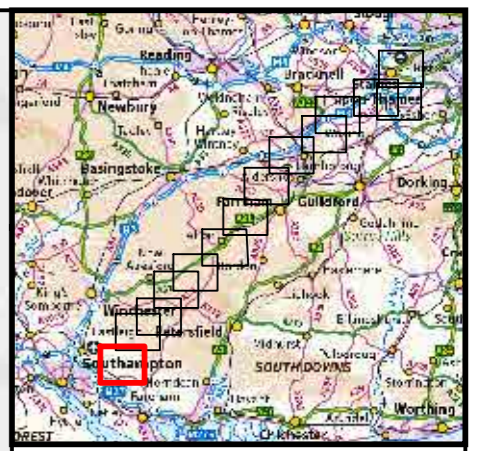
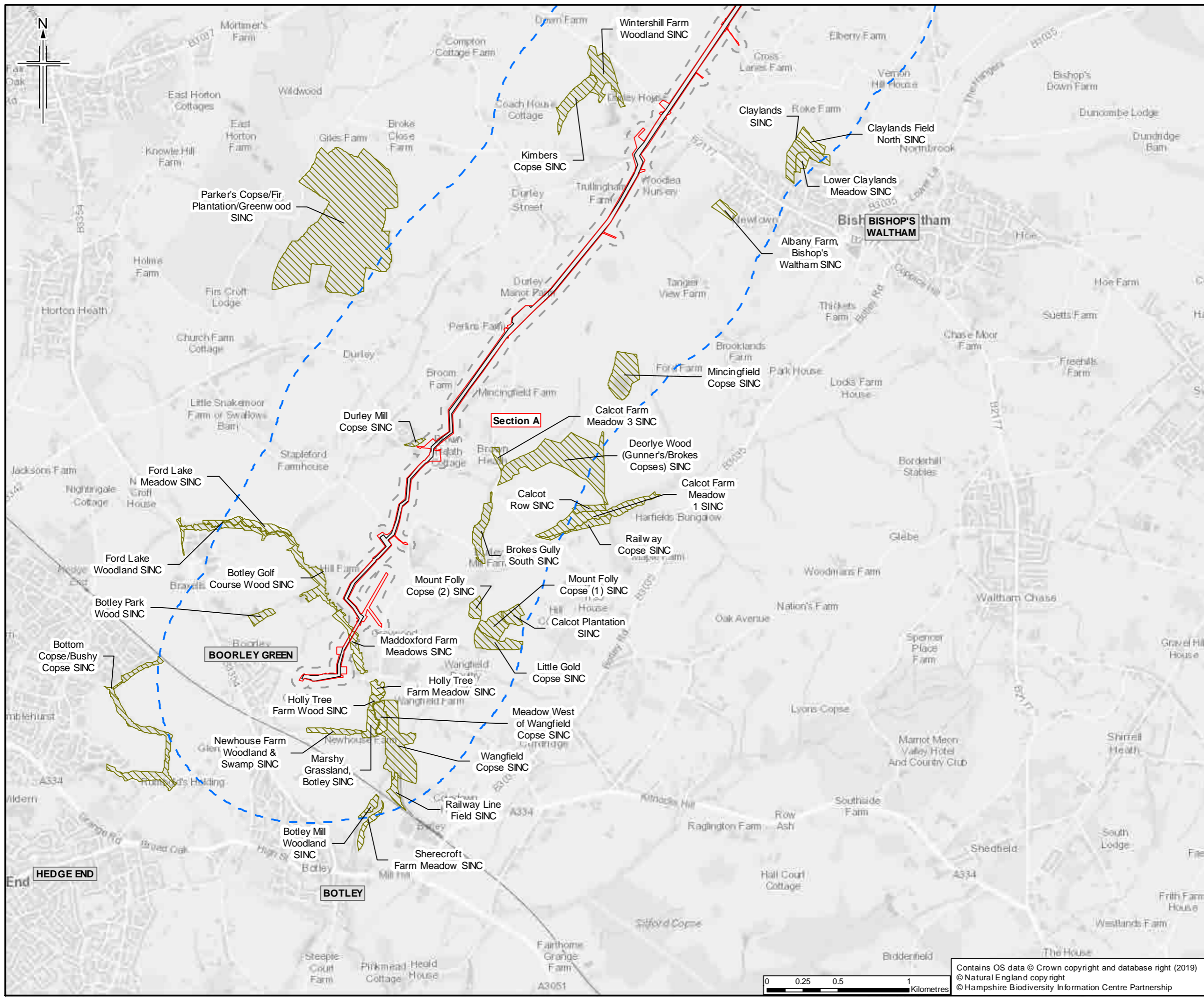
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- Legend**
- Order Limits
  - Limits of deviation
  - Order Limits 50m buffer
  - Order Limits 1km buffer
  - Section break
  - Section break
  - Site of Importance for Nature Conservation (SINC)

\* Buffer is known as the 'study area' in Chapter 7 Biodiversity. Sheet displays part of Section A

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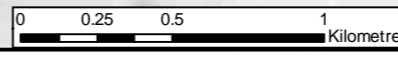
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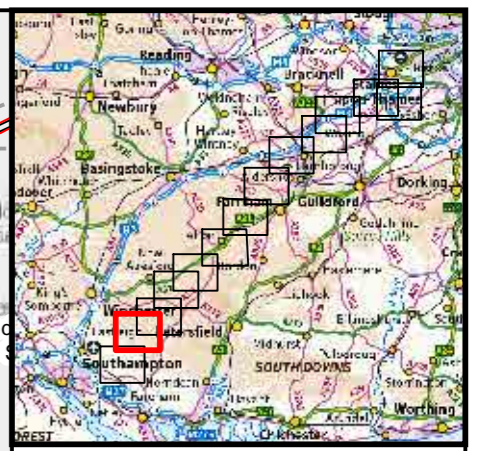
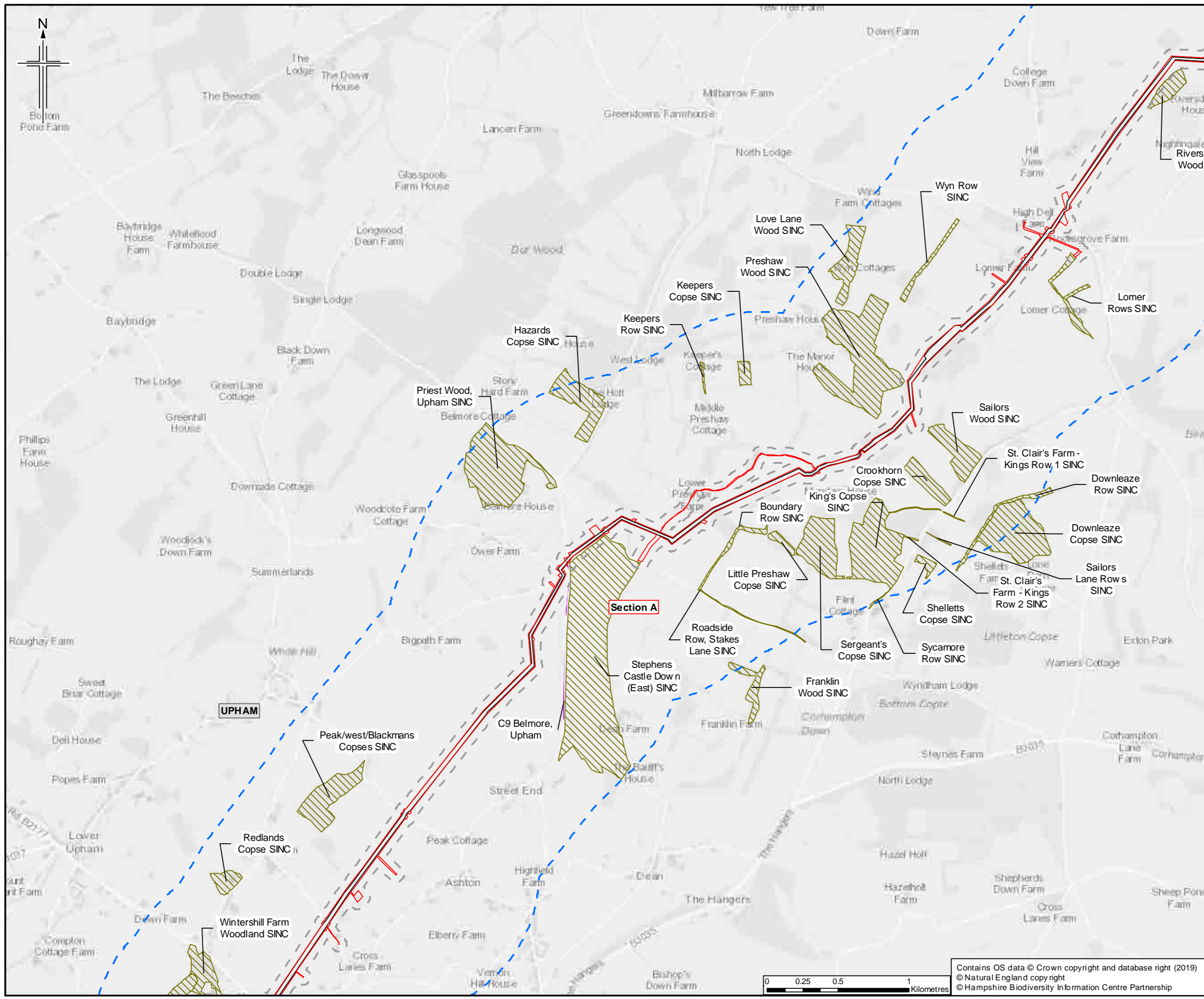
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ENVIRONMENTAL STATEMENT  
NON-STATUTORY DESIGNATED SITES FOR  
NATURE CONSERVATION  
APFP Reg. (2009) 5(2)(l)

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- Legend**
- Order Limits
  - Limits of deviation
  - Order Limits 50m buffer
  - Order Limits 1km buffer
  - Section break
  - Section break
  - Site of Importance for Nature Conservation (SINC)
  - Road Verge of Ecological Importance (RVEI)

\* Buffer is known as the 'study area' in Chapter 7 Biodiversity. Sheet displays part of Section A

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Rev.	Rev. Date	Purpose of revision	Orig/Drawn	Checked	Rev'd	Apprv'd

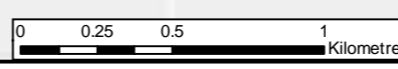
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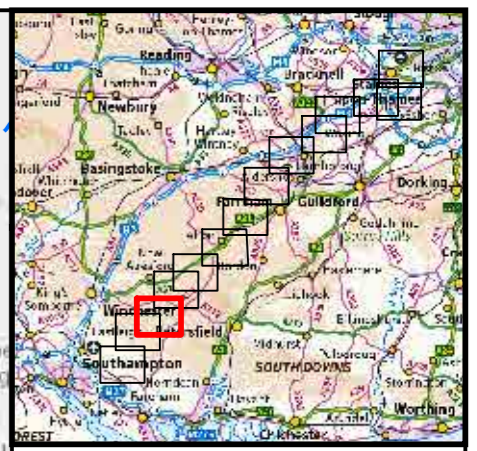
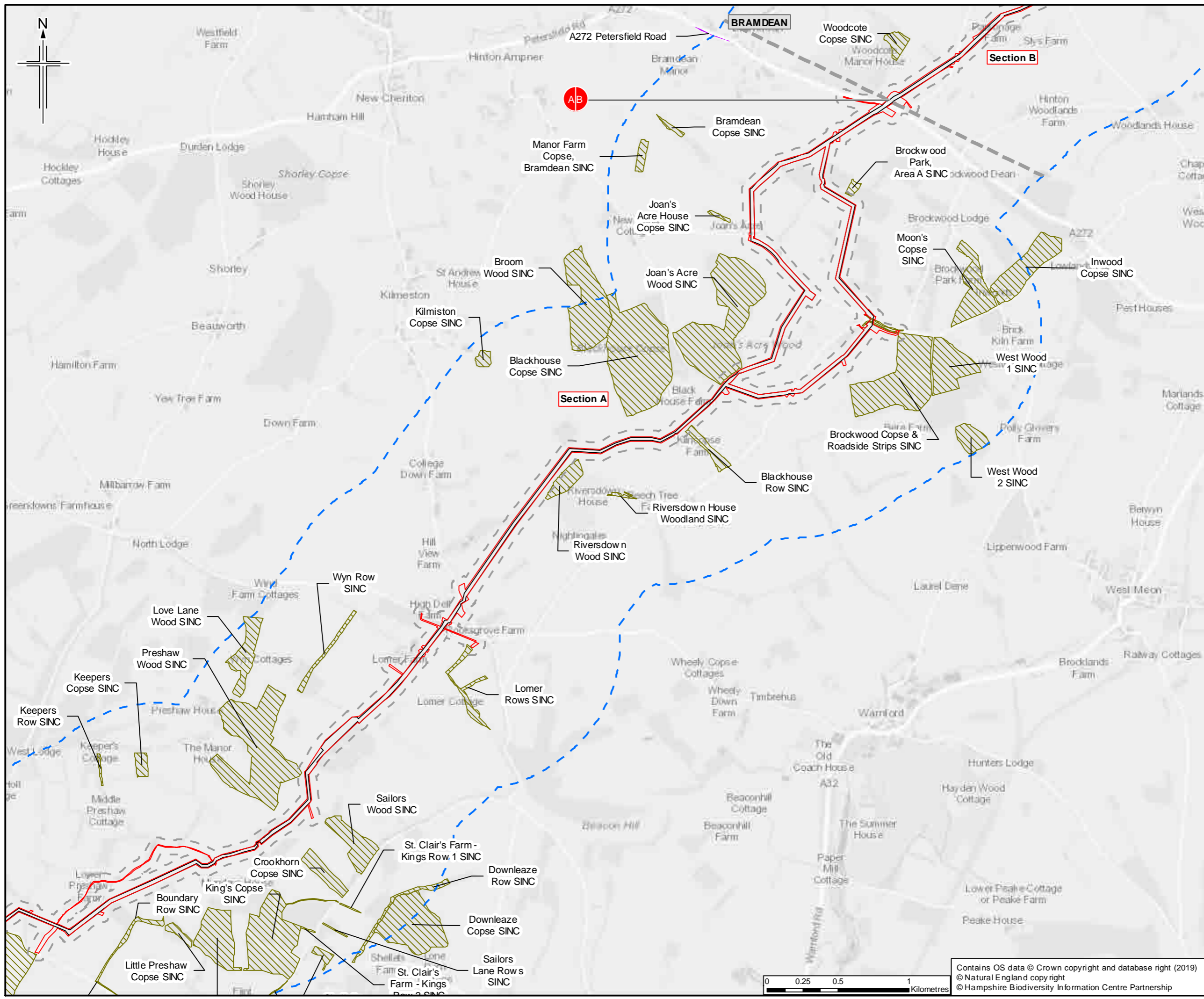
Project  
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 NON-STATUTORY DESIGNATED SITES FOR  
 NATURE CONSERVATION  
 APFP Reg. (2009) 5(2)(l)

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- Legend**
- Order Limits
  - Limits of deviation
  - Order Limits 50m buffer
  - Order Limits 1km buffer
  - Section break
  - Section break
  - Site of Importance for Nature Conservation (SINC)
  - Road Verge of Ecological Importance (RVEI)

\* Buffer is known as the 'study area' in Chapter 7 Biodiversity. Sheet displays parts of Section A and Section B

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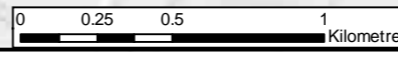
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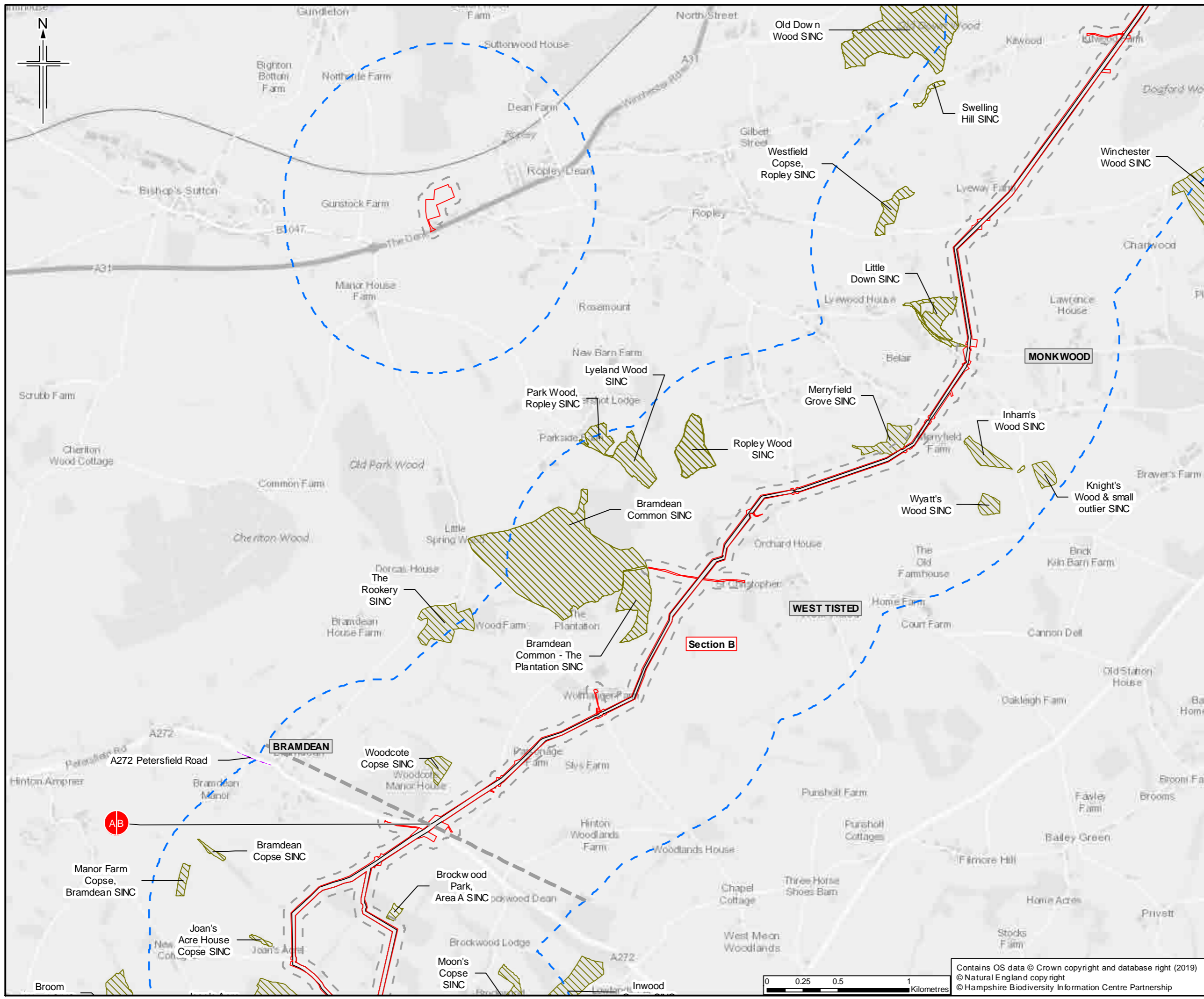
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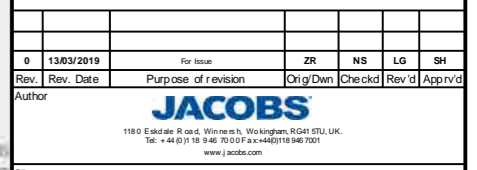




- Legend**
- Order Limits
  - Limits of deviation
  - Order Limits 50m buffer
  - Order Limits 1km buffer
  - Section break
  - Section break
  - Site of Importance for Nature Conservation (SINC)
  - Road Verge of Ecological Importance (RVEI)

\* Buffer is known as the 'study area' in Chapter 7 Biodiversity. Sheet displays parts of Section A and Section B

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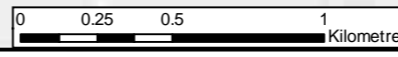
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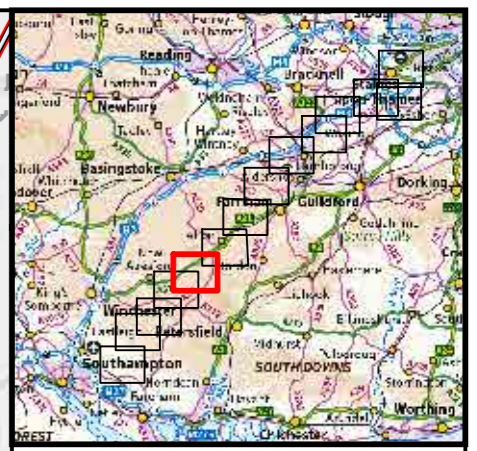
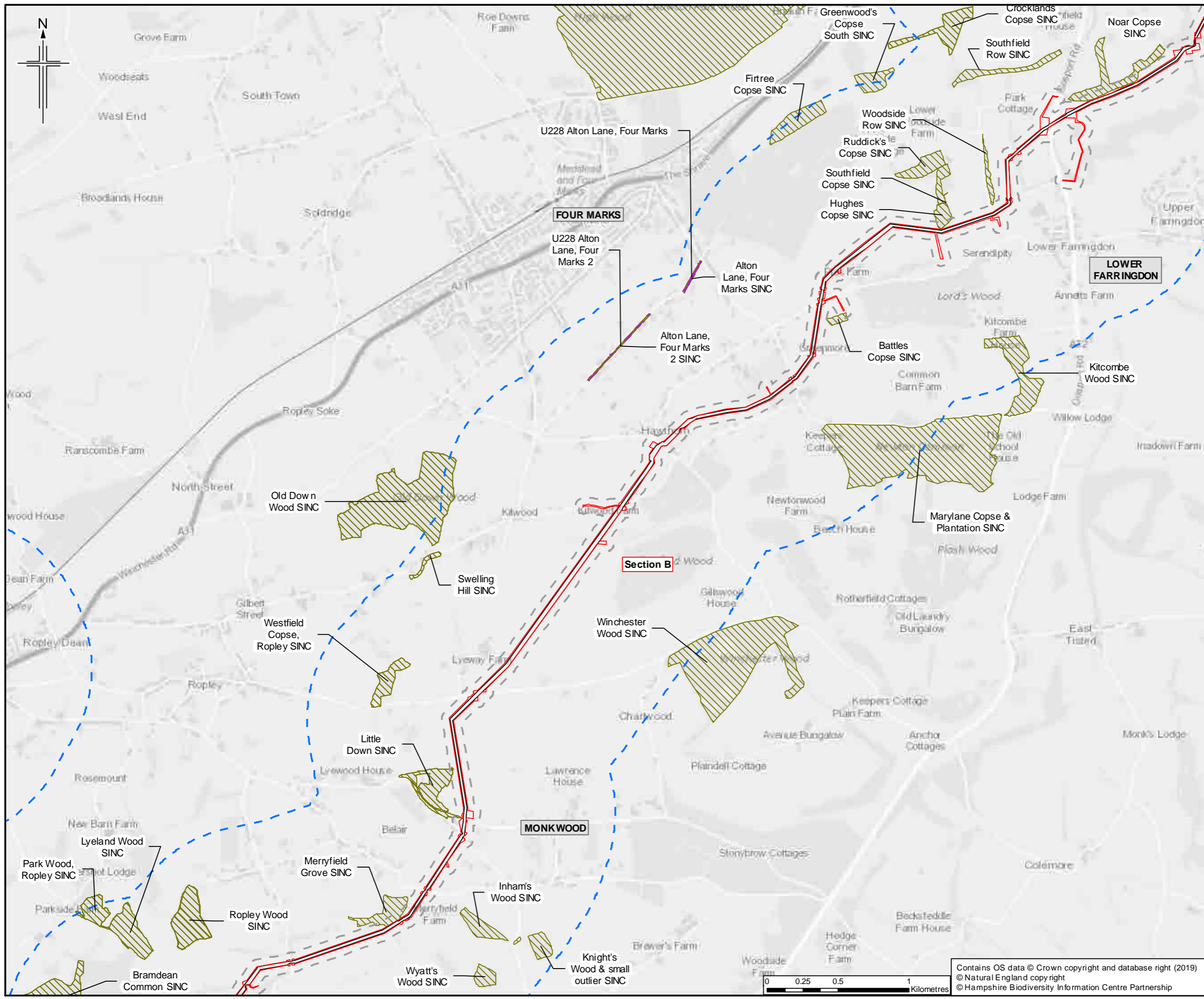
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  - Order Limits 50m buffer
  - Order Limits 1km buffer
  - Section break
  - Section break
  - Site of Importance for Nature Conservation (SINC)
  - Road Verge of Ecological Importance (RVEI)

\* Buffer is known as the 'study area' in Chapter 7 Biodiversity. Sheet displays part of Section B

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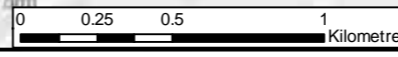
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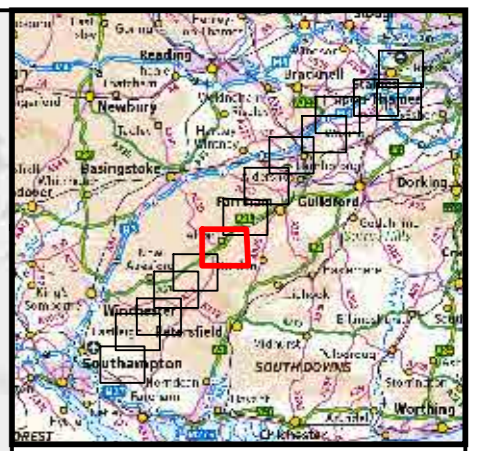
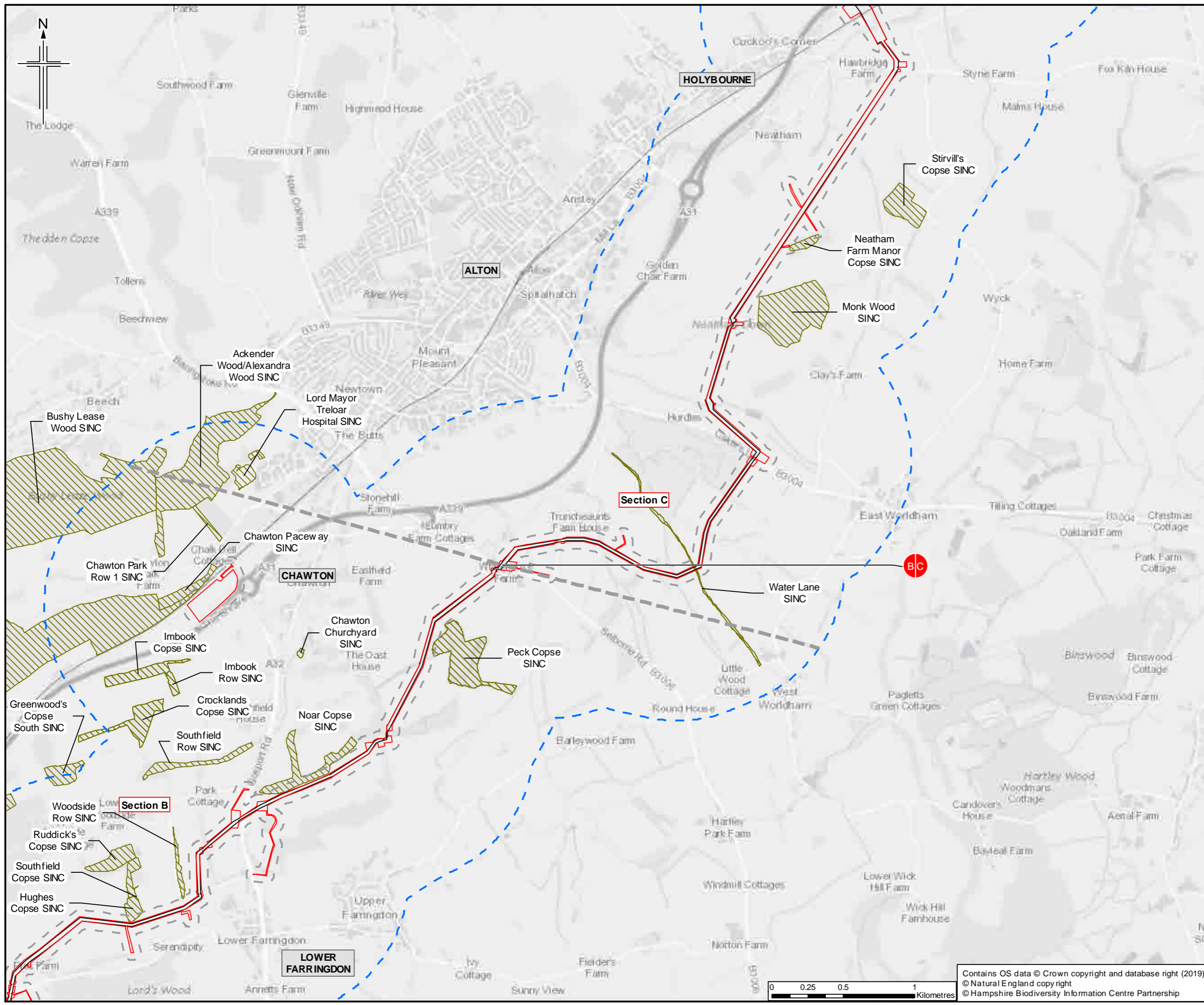
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NATURE CONSERVATION  
APFP Reg. (2009) 5(2)(l)**

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  - Order Limits 50m buffer
  - Order Limits 1km buffer
  - Section break
  - Section break
  - Site of Importance for Nature Conservation (SINC)

\* Buffer is known as the 'study area' in Chapter 7 Biodiversity. Sheet displays parts of Section B and Section C

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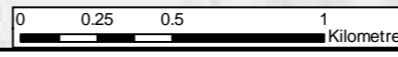
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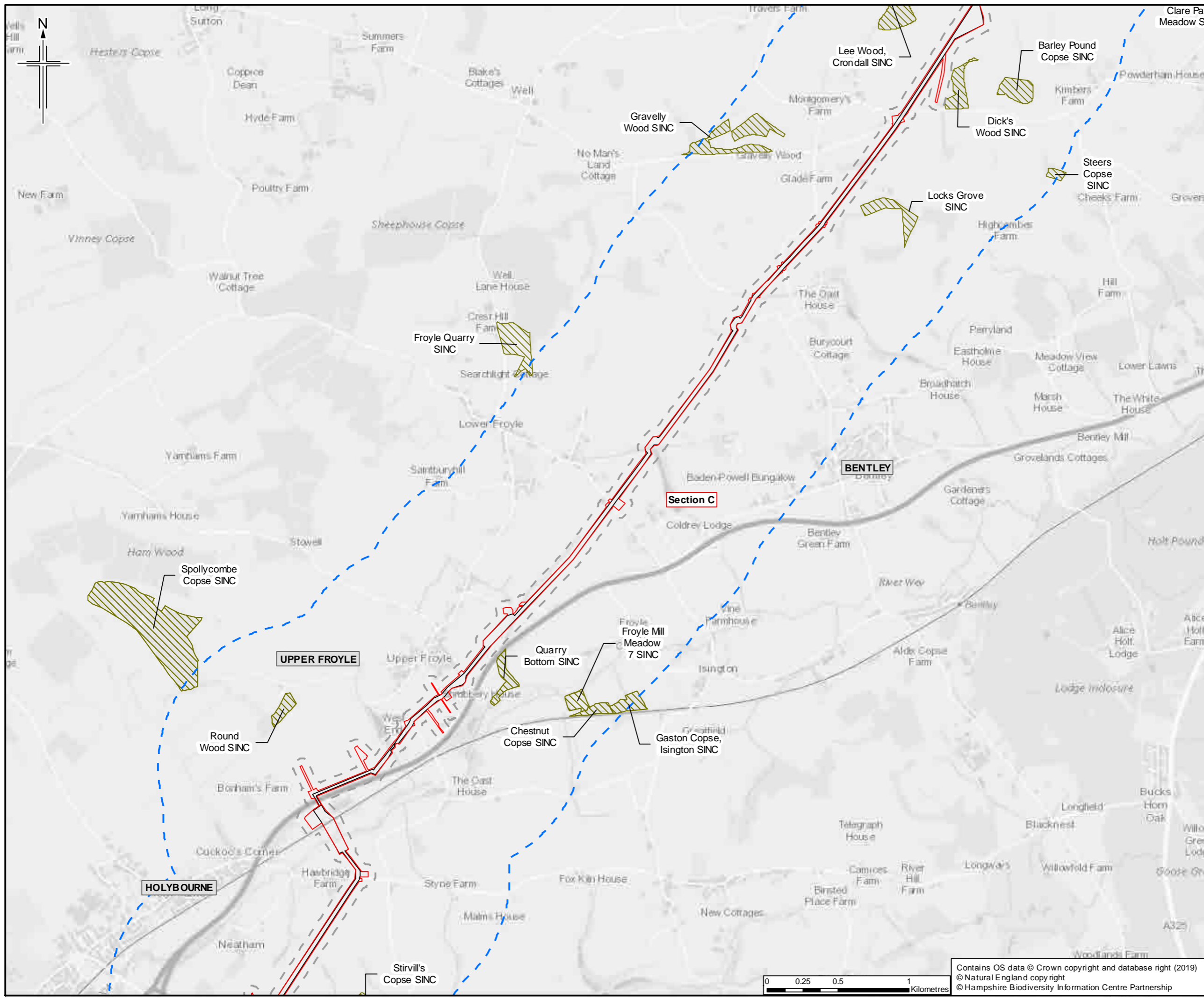
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  - Order Limits 1km buffer
  - Section break
  - Section break
  - Site of Importance for Nature Conservation (SINC)

\* Buffer is known as the 'study area' in Chapter 7 Biodiversity. Sheet displays part of Section C

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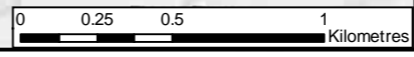
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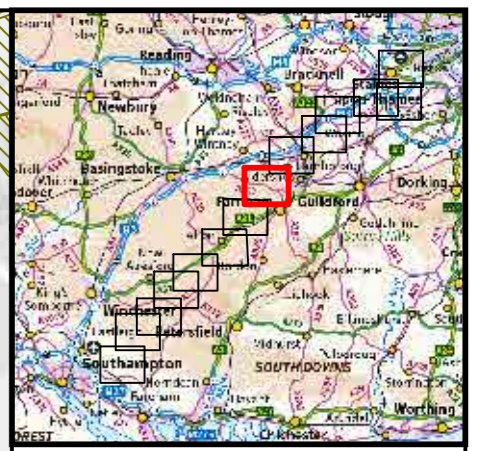
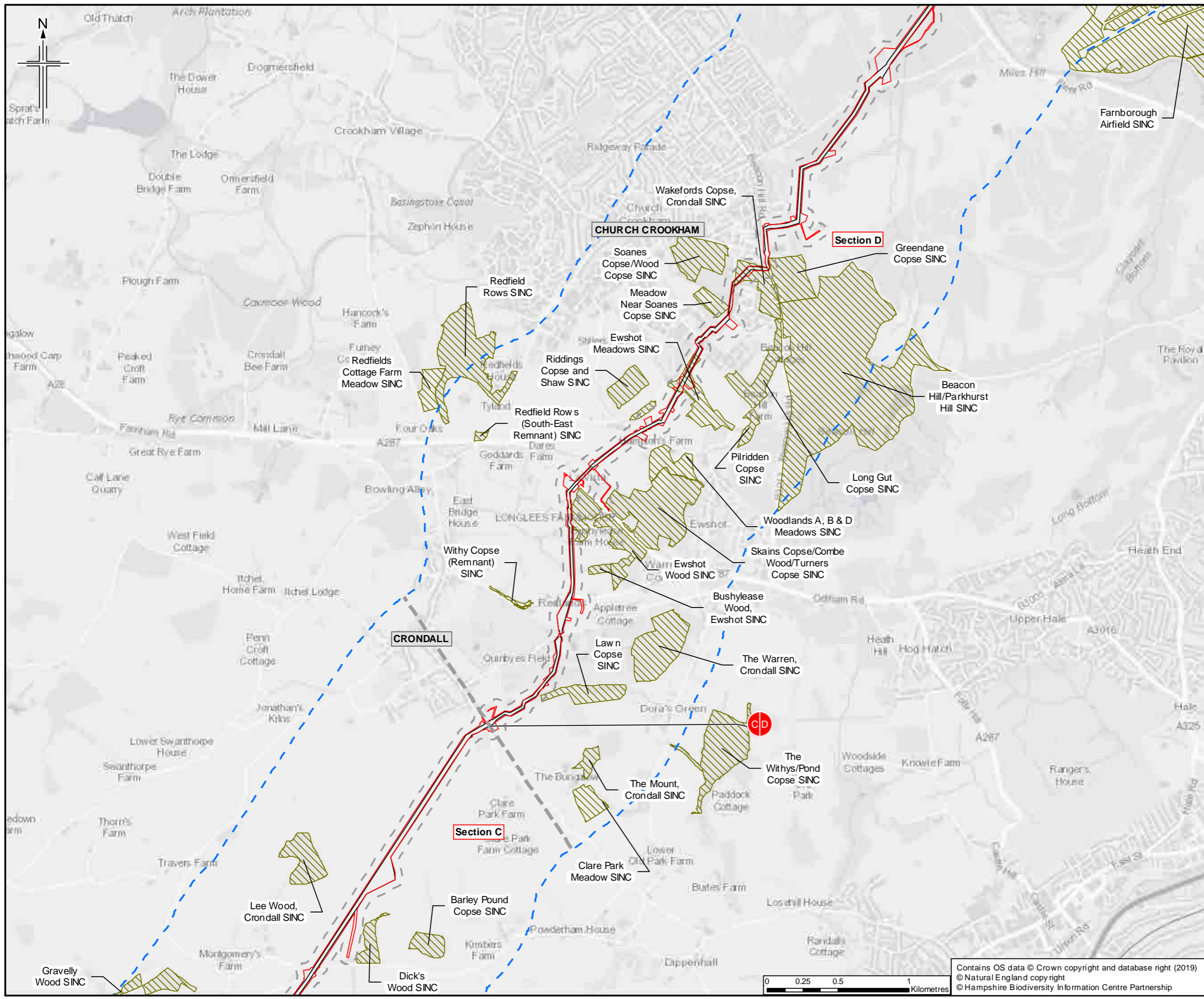
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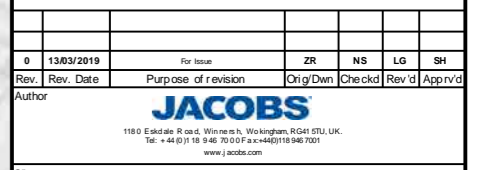




- Legend**
- Order Limits
  - Limits of deviation
  - Order Limits 50m buffer
  - Order Limits 1km buffer
  - Section break
  - Section break
  - Site of Importance for Nature Conservation (SINC)

\* Buffer is known as the 'study area' in Chapter 7 Biodiversity. Sheet displays parts of Section C and Section D

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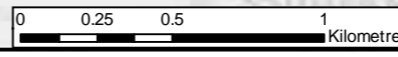
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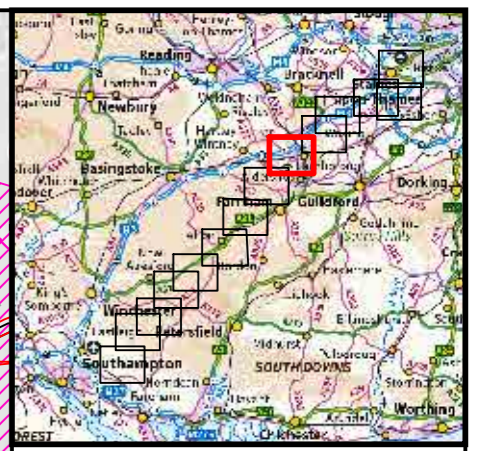
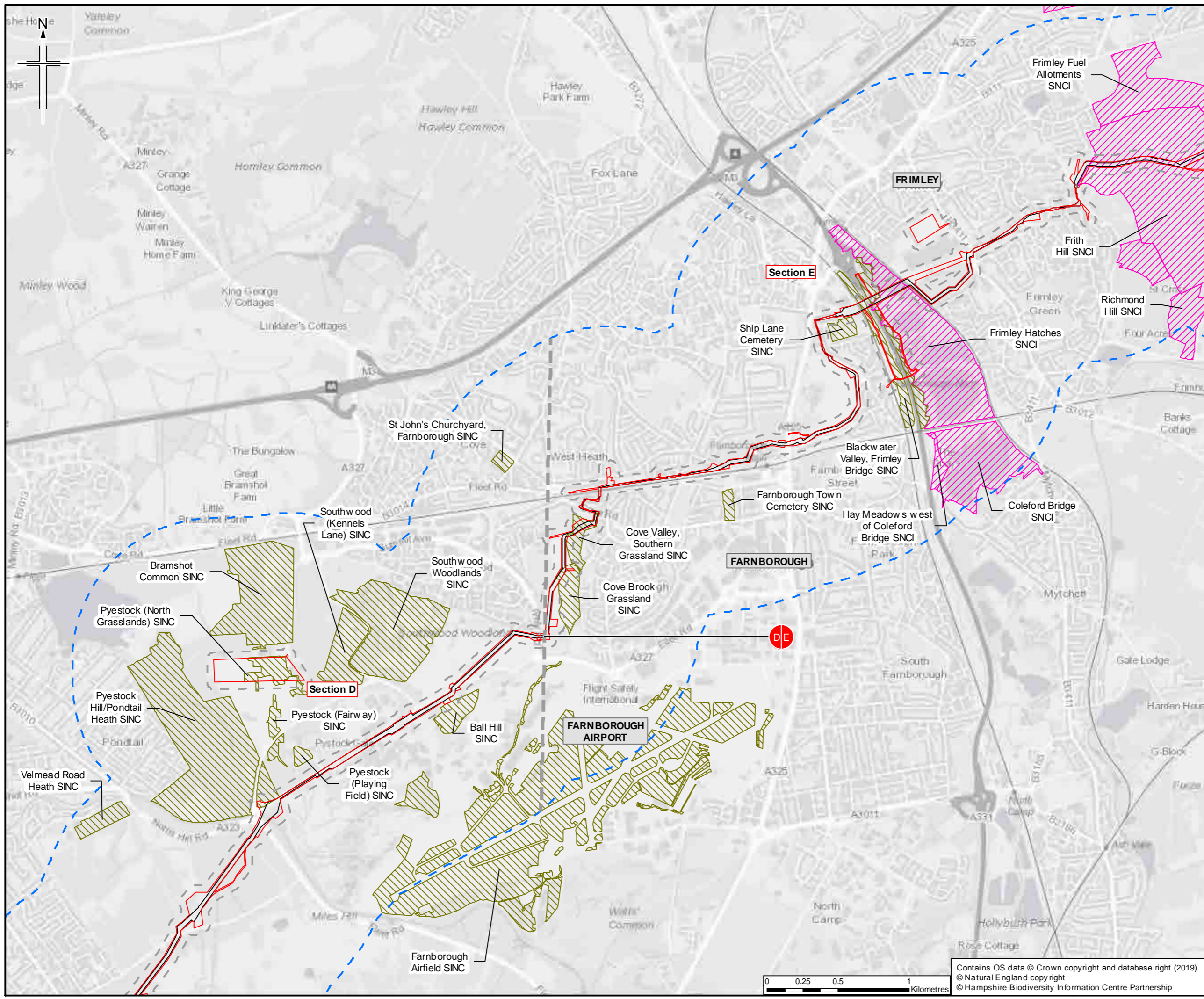


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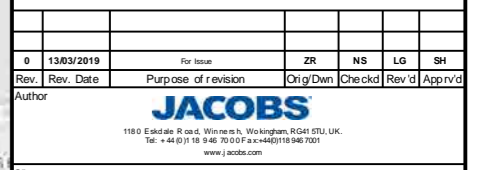




- Legend**
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  - Order Limits 1km buffer
  - Section break
  - Section break
  - Site of Importance for Nature Conservation (SINC)
  - Site of Nature Conservation Importance (SNCI)

\* Buffer is known as the 'study area' in Chapter 7 Biodiversity. Sheet displays parts of Section D and Section E

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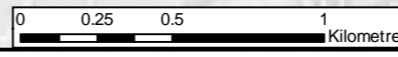
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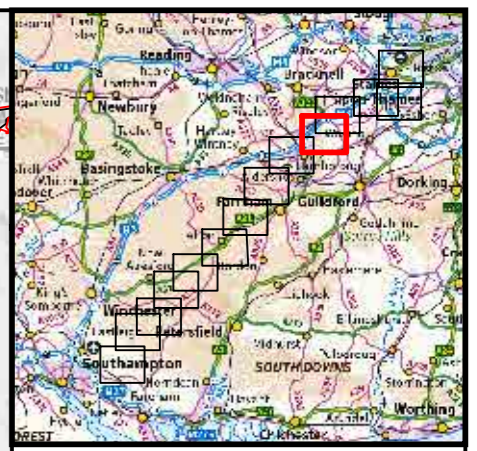
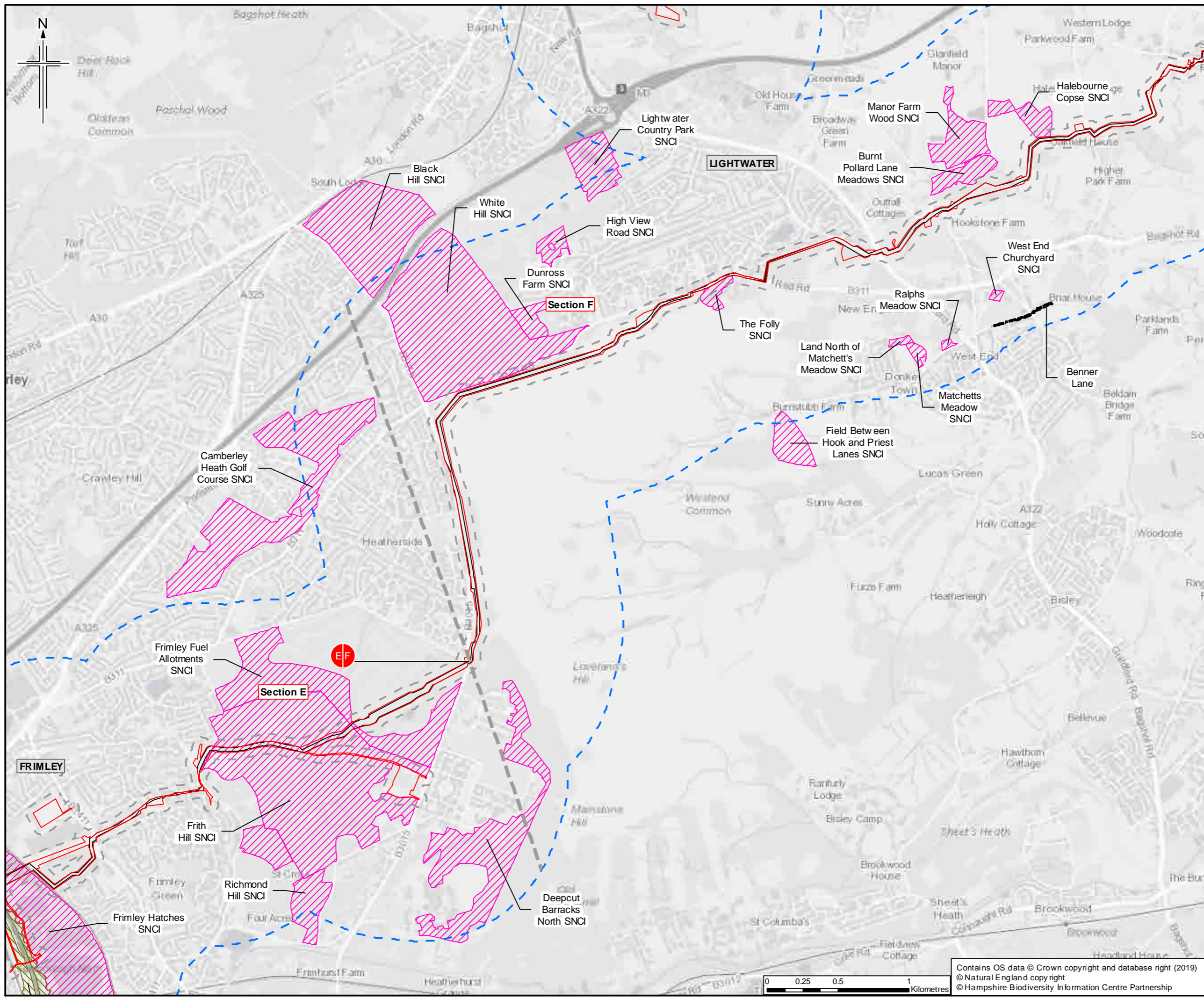


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  - Section break
  - Section break
  - Site of Importance for Nature Conservation (SINC)
  - Site of Nature Conservation Importance (SNCI)
  - Conservation Verge

\* Buffer is known as the 'study area' in Chapter 7 Biodiversity. Sheet displays parts of Section E and Section F

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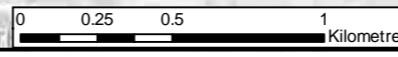
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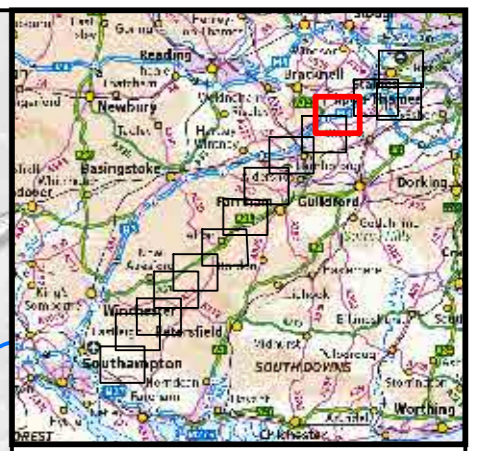
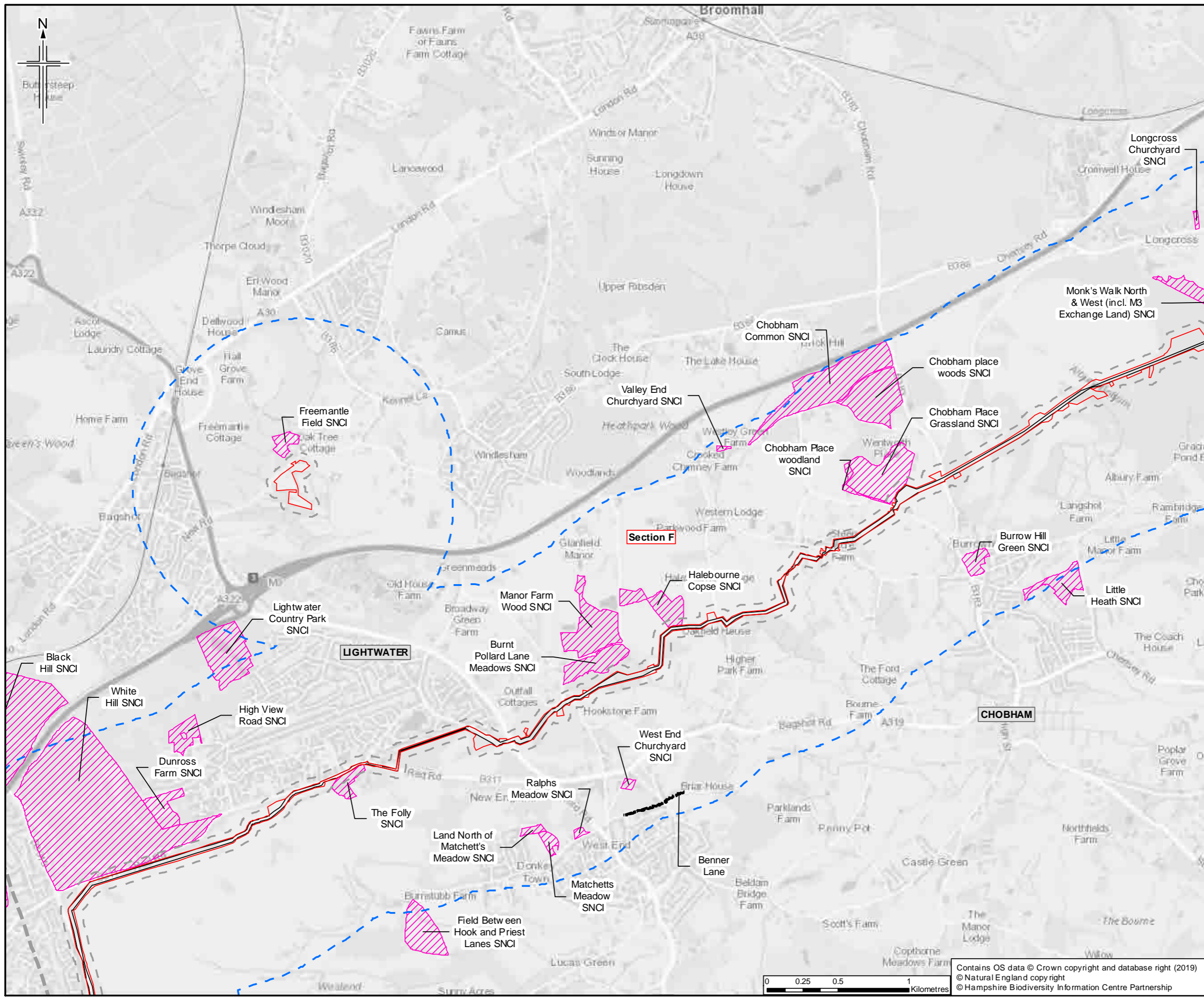
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  - Site of Nature Conservation Importance (SNCI)
  - Conservation Verge

\* Buffer is known as the 'study area' in Chapter 7 Biodiversity. Sheet displays part of Section F

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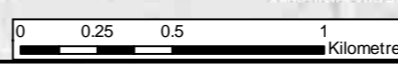
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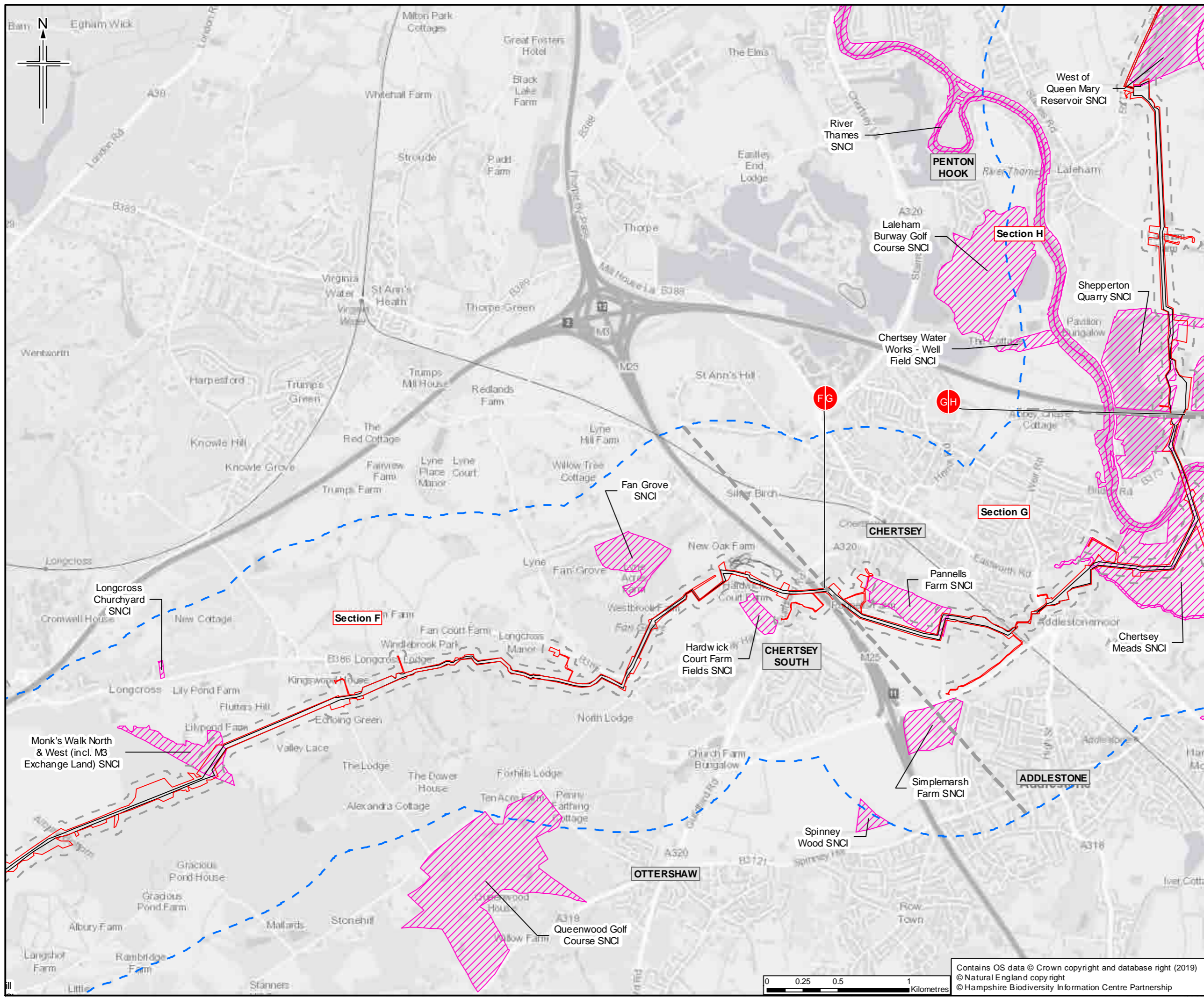
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  - Section break
  - Section break
  - Site of Nature Conservation Importance (SNCI)

\* Buffer is known as the 'study area' in Chapter 7 Biodiversity. Sheet displays parts of Section F, Section G and Section H

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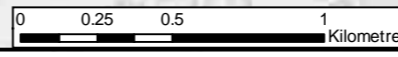
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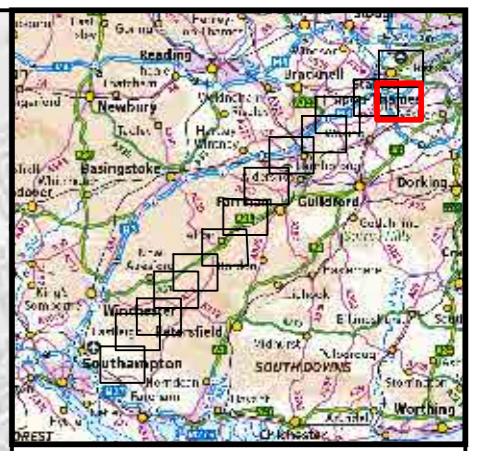
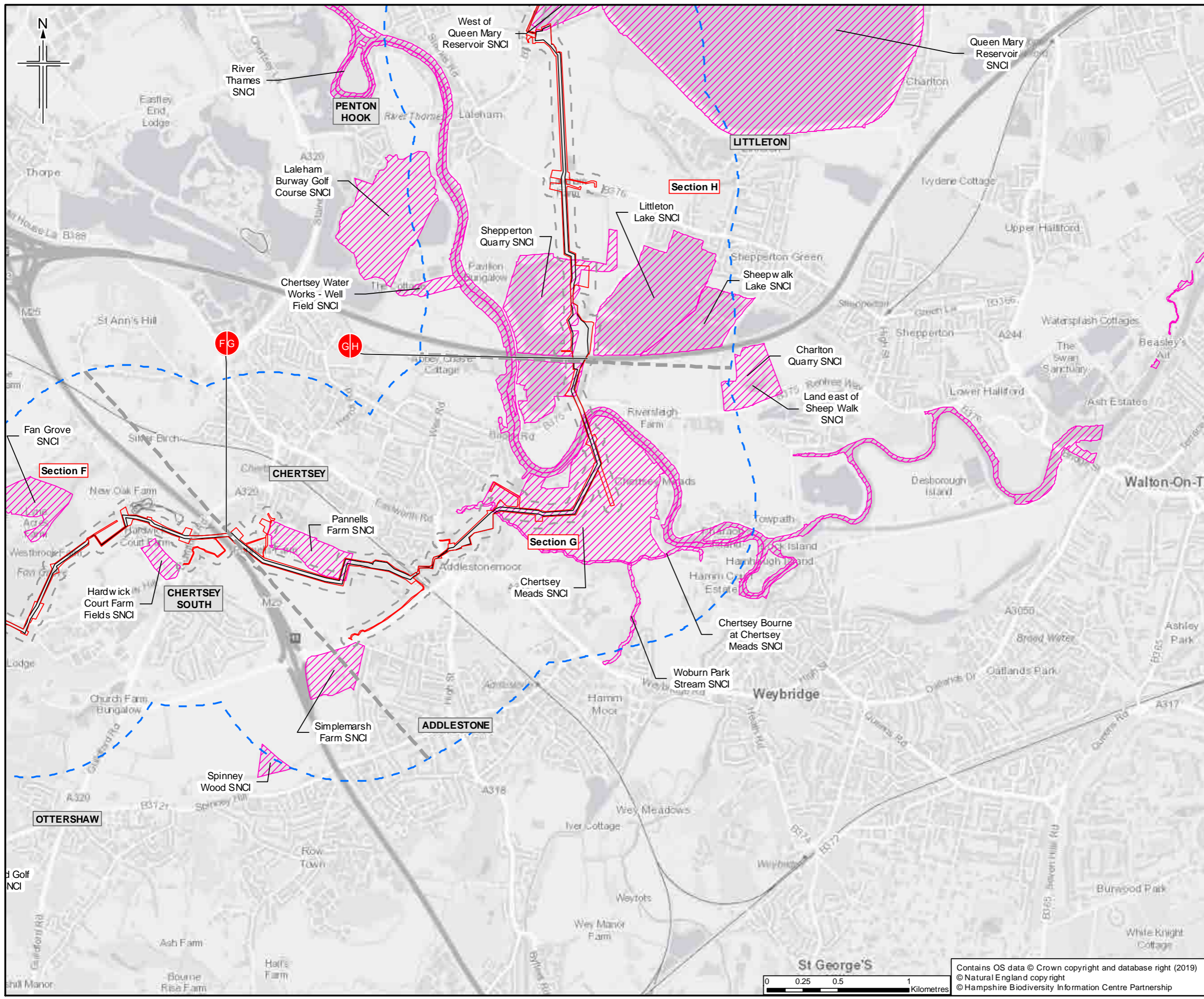
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  - Section break
  - Section break
  - Site of Nature Conservation Importance (SNCI)

\* Buffer is known as the 'study area' in Chapter 7 Biodiversity. Sheet displays parts of Section F, Section G and Section H

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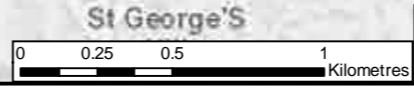
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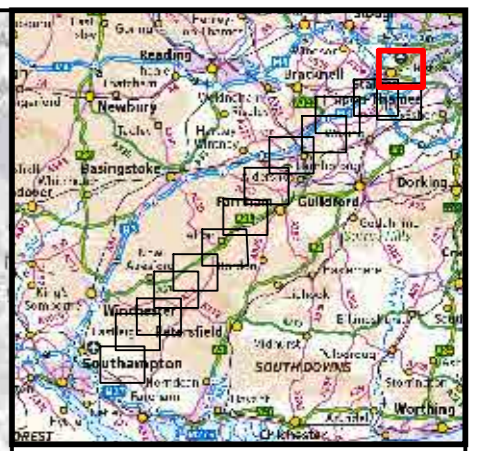
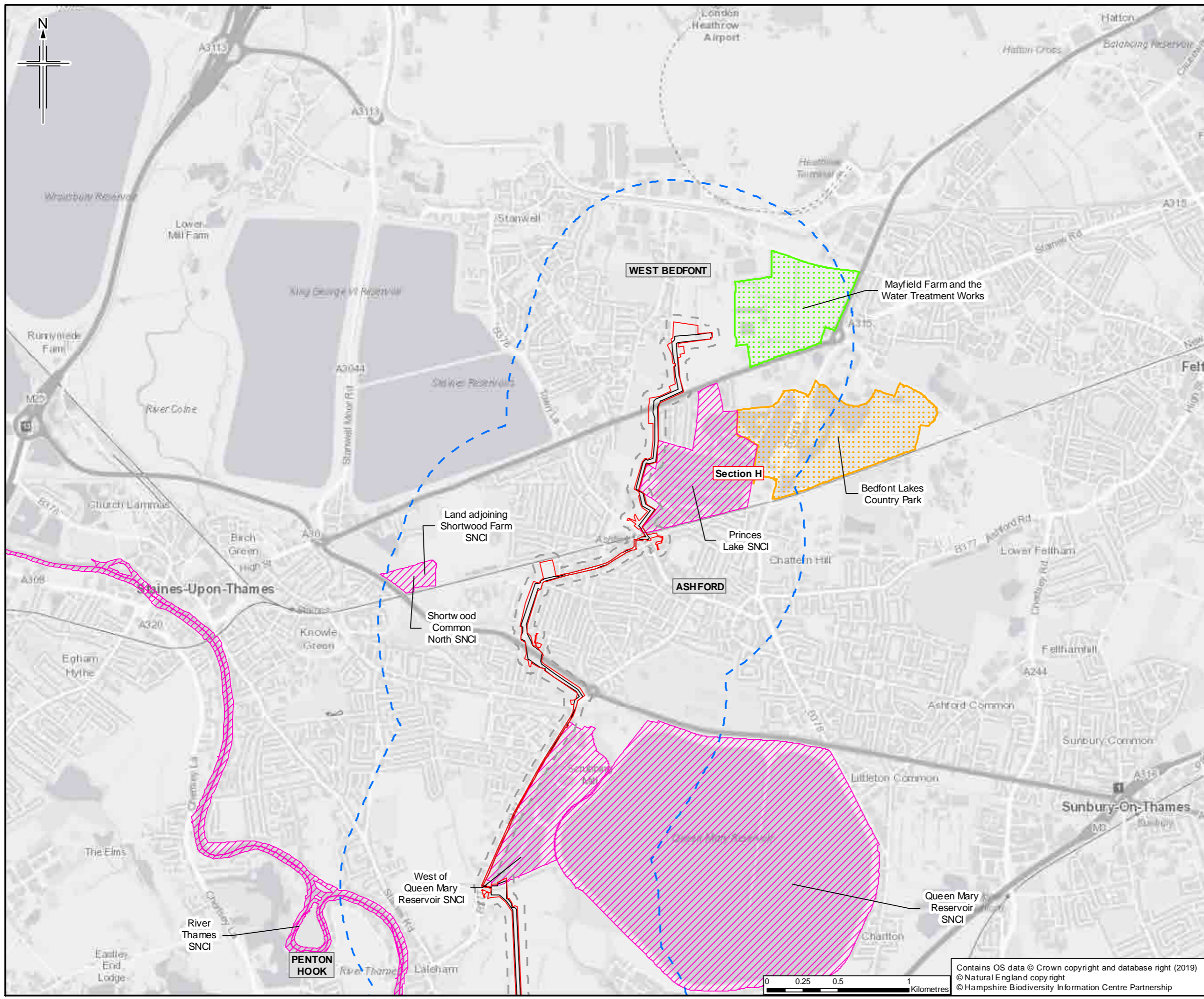
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- Legend**
- Order Limits
  - Limits of deviation
  - Order Limits 50m buffer
  - Order Limits 1km buffer
  - Section break
  - Section break
  - Site of Nature Conservation Importance (SNCI)
  - Site of Metropolitan Importance (SMI)
  - Site of Borough Importance (SBI)

\* Buffer is known as the 'study area' in Chapter 7 Biodiversity. Sheet displays part of Section H

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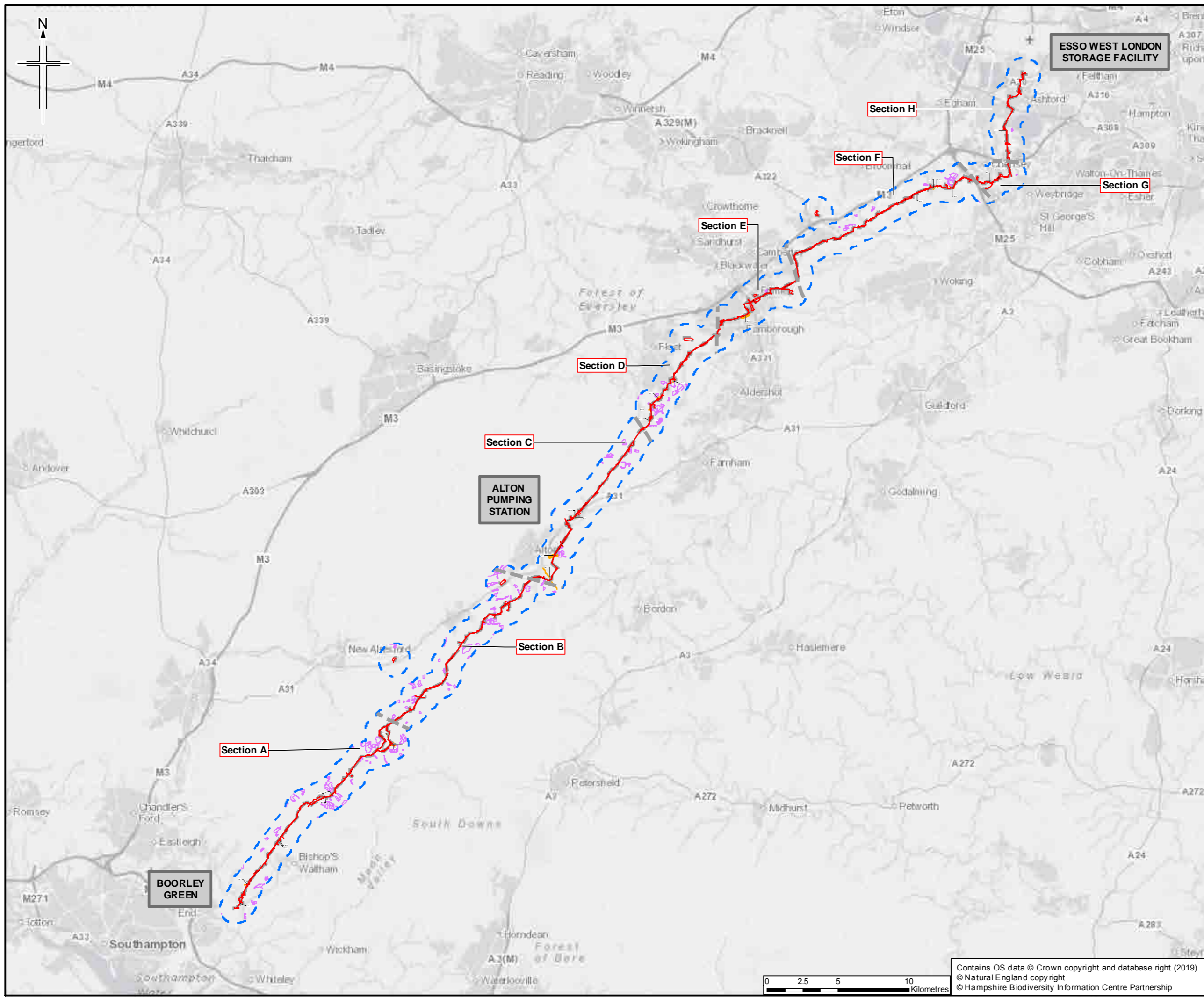
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- Legend**
- Order Limits
  - Limits of deviation
  - Order Limits 50m buffer
  - Order Limits 1km buffer
  - Section break
  - Section break
- Ancient Woodland**
- Ancient Woodland Inventory Site
  - Potential Ancient Woodland Sites (less than 2ha)
- Priority Habitats**

For Priority Habitats Legend please see individual sheet.

\* Buffer is known as the 'study area' in Chapter 7 Biodiversity.  
 \* Priority Habitats outside of statutory and non-statutory designated sites shown only. Data sources: Priority Habitat Inventory, HBIC - Priority Habitats and additional Priority Habitat identified during botanical survey

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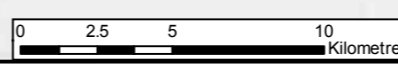
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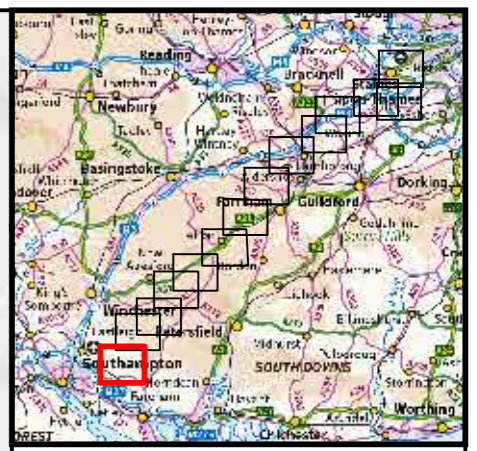
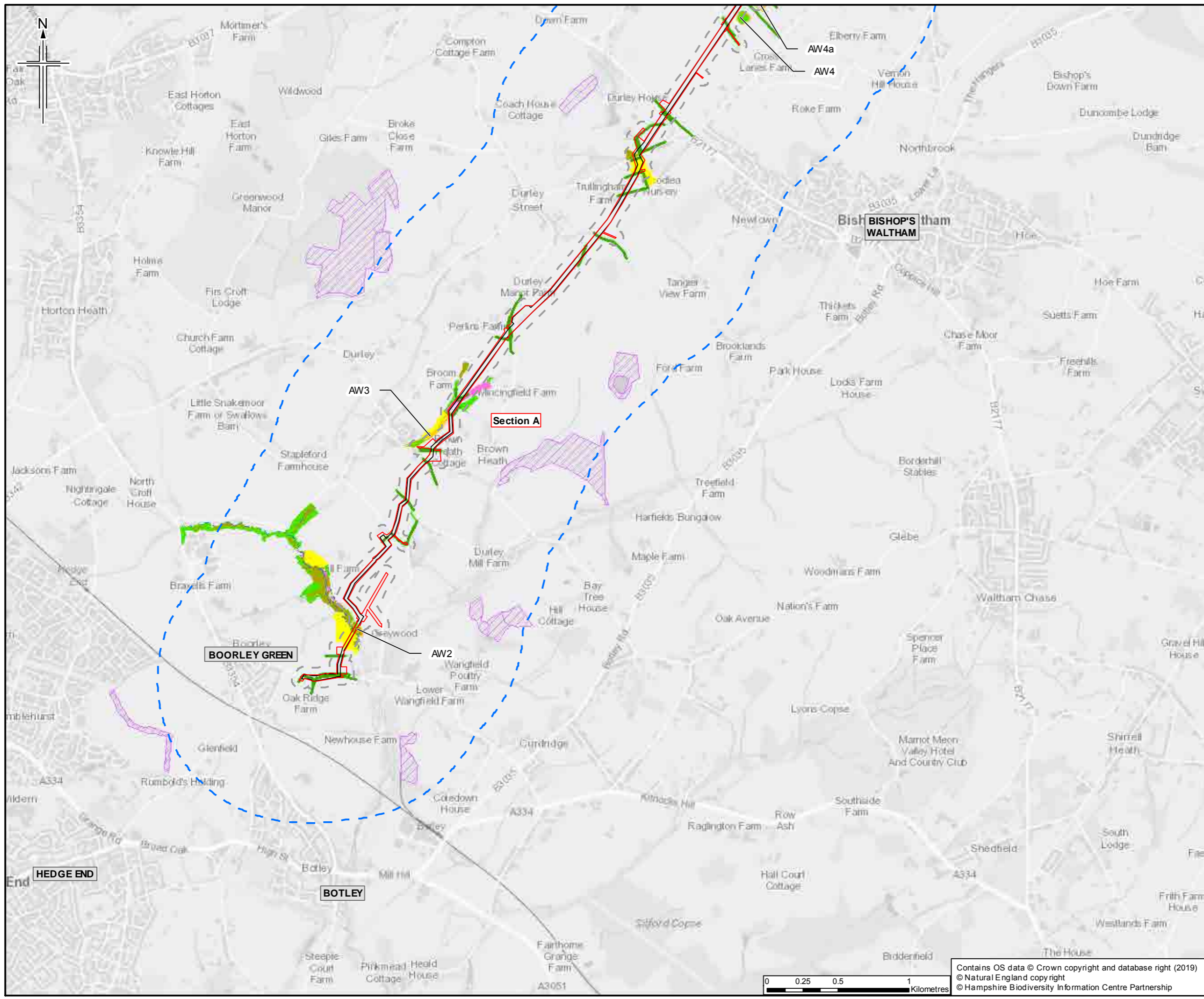
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**Legend**

- Order Limits
- Limits of deviation
- Order Limits 50m buffer
- Order Limits 1km buffer
- Section break
- Section break

**Ancient Woodland**

- Ancient Woodland Inventory Site
- Potential Ancient Woodland Sites (less than 2ha)

**Priority Habitats**

- Coastal and Floodplain Grazing Marsh
- Lowland Mixed Deciduous Woodland
- Purple Moor-Grass and Rush Pastures
- Rivers
- Wet Woodland
- Hedgerows
- Hedgerow - field survey

\* Buffer is known as the 'study area' in Chapter 7 Biodiversity.  
 \* Priority Habitats outside of statutory and non-statutory designated sites shown only. Data sources: Priority Habitat Inventory, HBIC - Priority Habitats and additional Priority Habitat identified during botanical survey  
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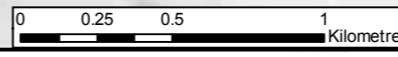
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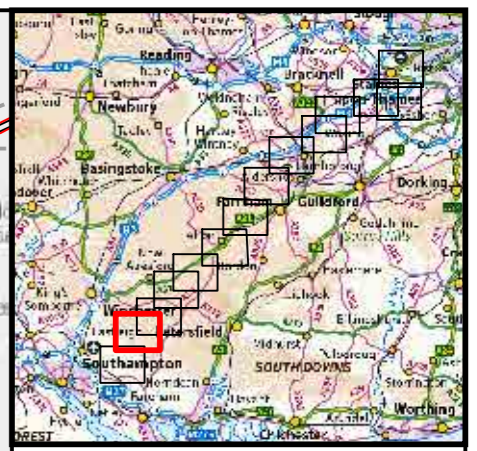
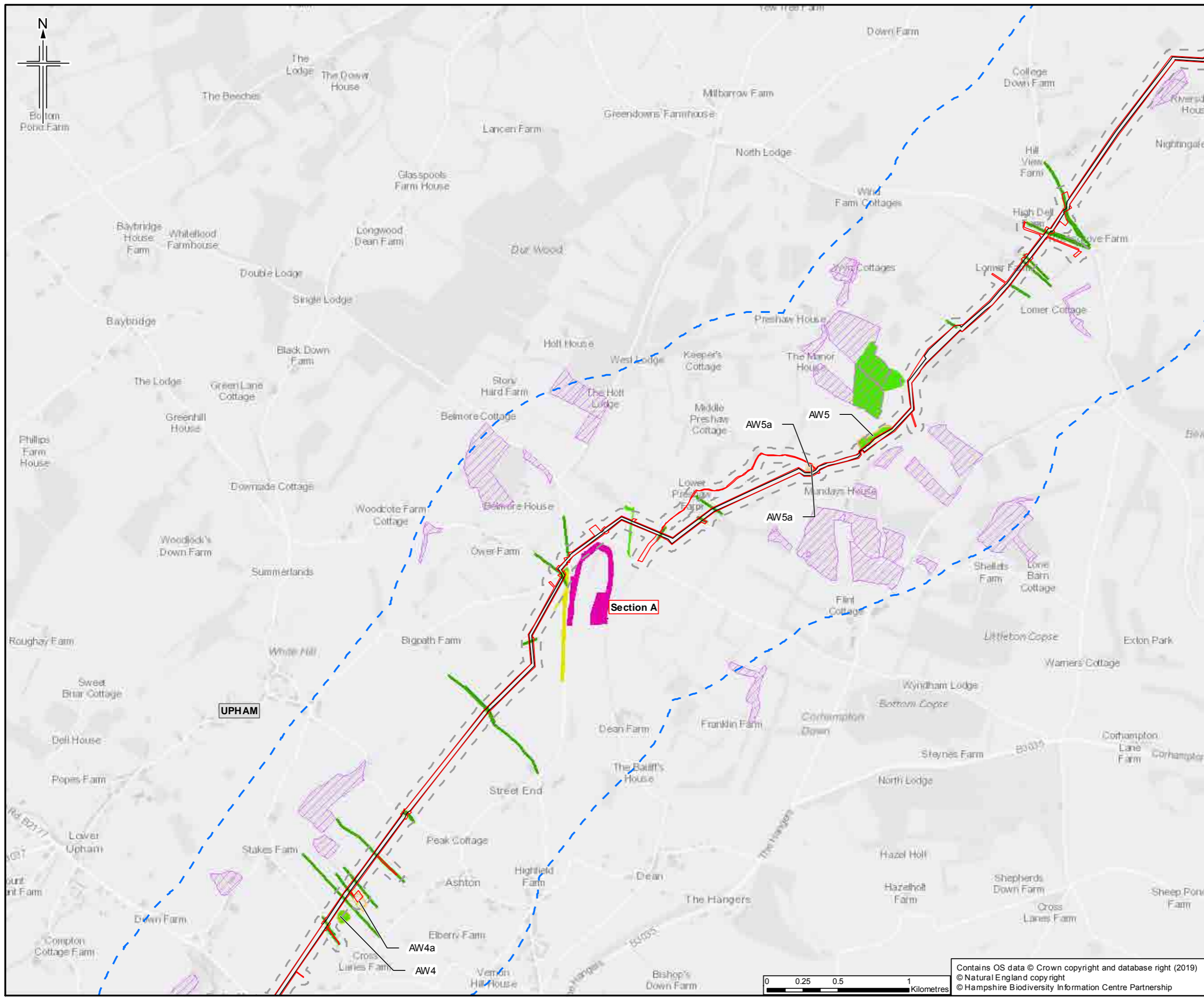
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**Legend**

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- Order Limits 50m buffer
- Order Limits 1km buffer
- Section break
- Section break

**Ancient Woodland**

- Ancient Woodland Inventory Site
- Potential Ancient Woodland Sites (less than 2ha)

**Priority Habitats**

- Lowland Calcareous Grassland
- Lowland Meadows
- Lowland Mixed Deciduous Woodland
- Hedgerow - field survey

\* Buffer is known as the 'study area' in Chapter 7 Biodiversity.  
 \* Priority Habitats outside of statutory and non-statutory designated sites shown only. Data sources: Priority Habitat Inventory, HBIC - Priority Habitats and additional Priority Habitat identified during botanical survey  
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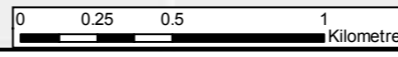
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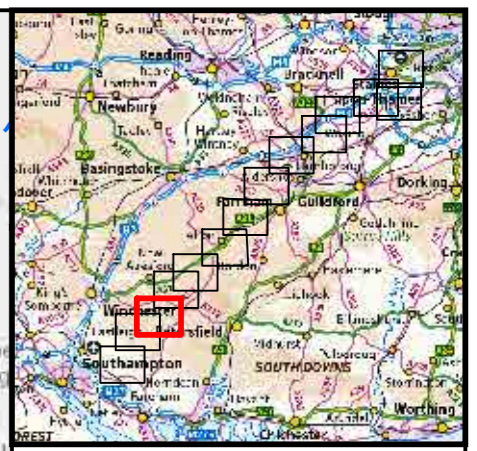
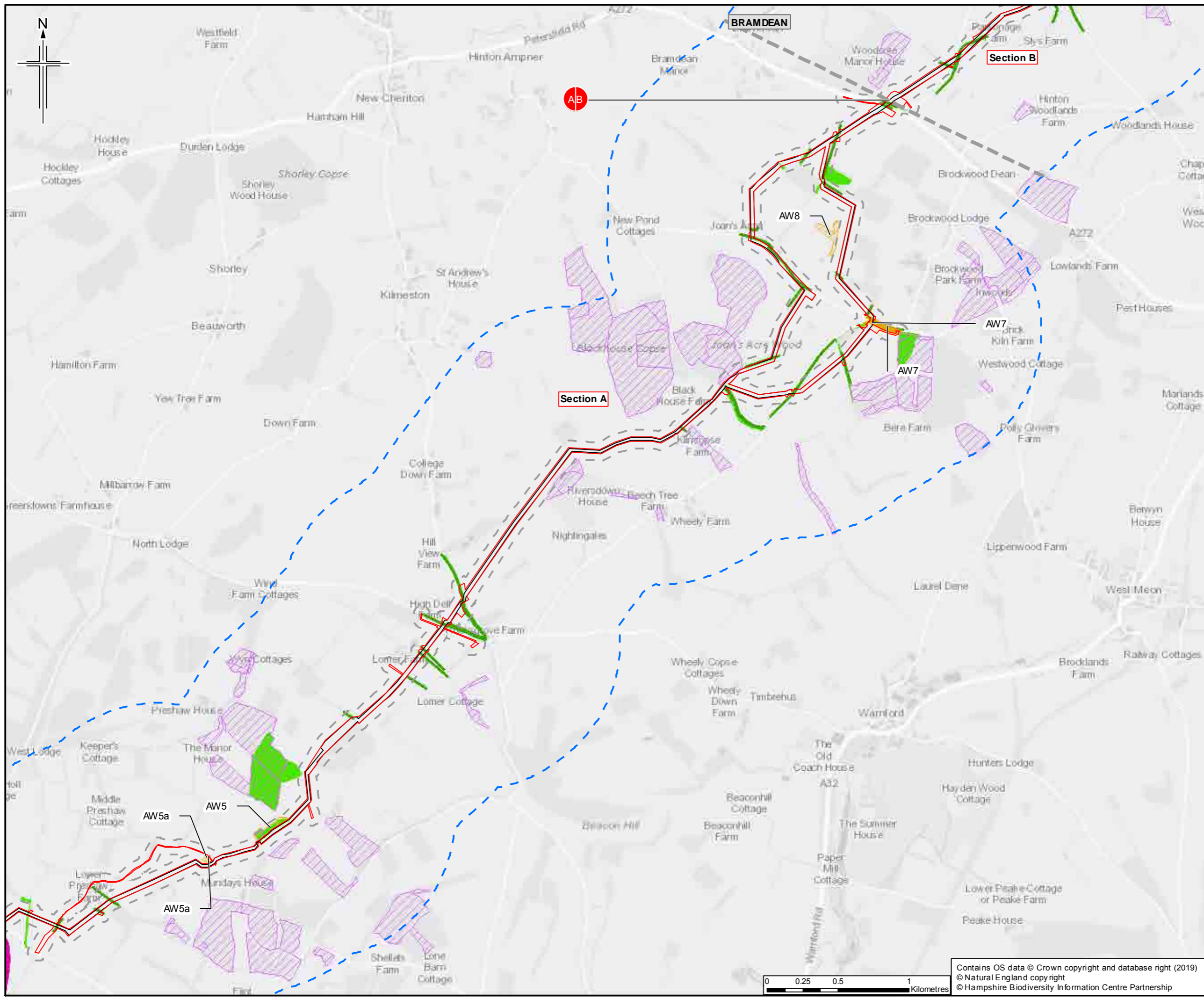
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  - Order Limits 50m buffer
  - Order Limits 1km buffer
  - Section break
  - Section break
- Ancient Woodland**
- Ancient Woodland Inventory Site
  - Potential Ancient Woodland Sites (less than 2ha)
- Priority Habitats**
- Lowland Calcareous Grassland
  - Lowland Mixed Deciduous Woodland
  - Hedgerow - field survey

\* Buffer is known as the 'study area' in Chapter 7 Biodiversity.  
 \* Priority Habitats outside of statutory and non-statutory designated sites shown only. Data sources: Priority Habitat Inventory, HBIC - Priority Habitats and additional Priority Habitat identified during botanical survey  
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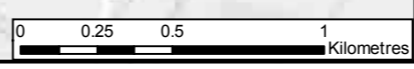


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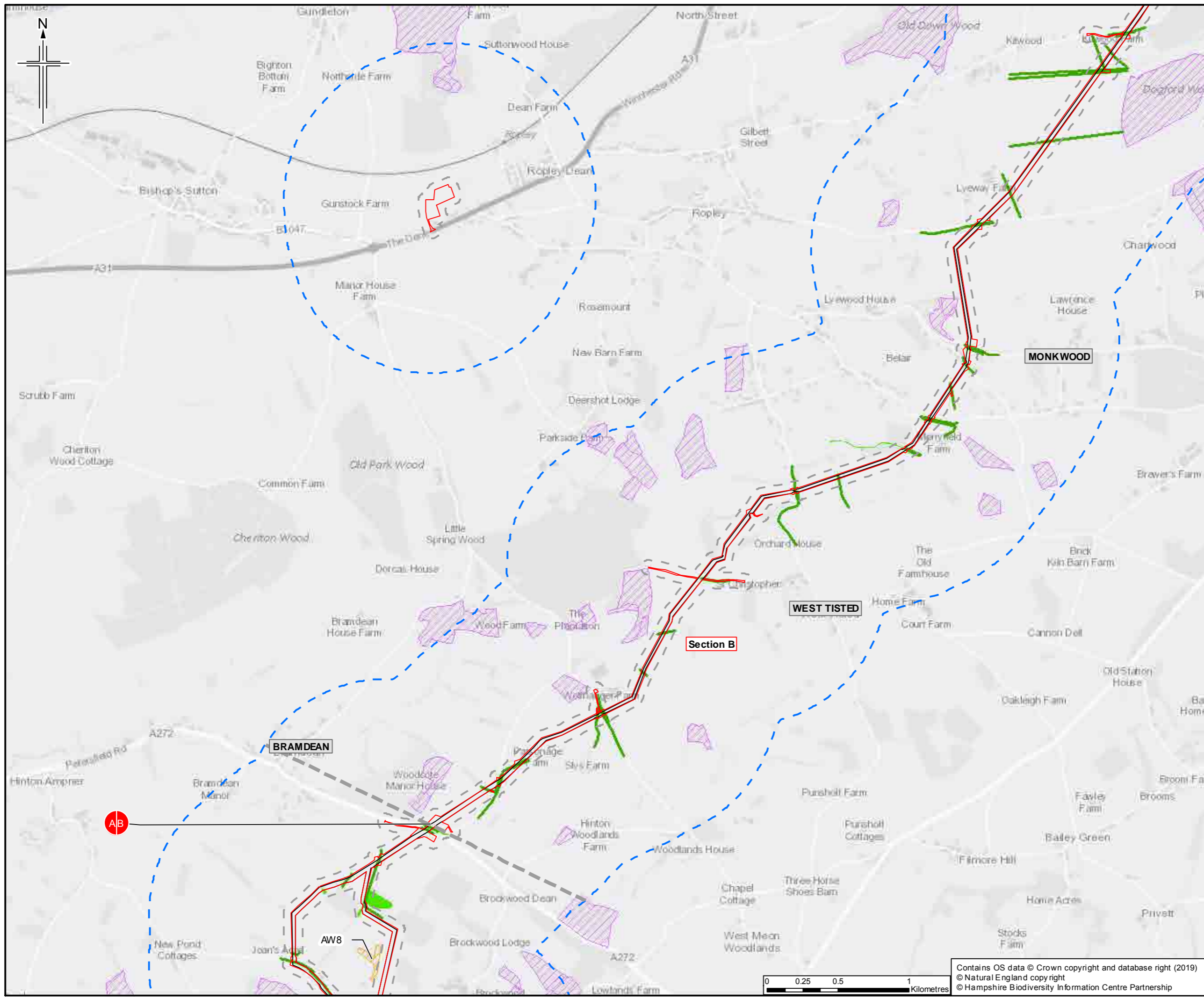
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  - Order Limits 50m buffer
  - Order Limits 1km buffer
  - Section break
  - Section break
- Ancient Woodland**
- Ancient Woodland Inventory Site
  - Potential Ancient Woodland Sites (less than 2ha)
- Priority Habitats**
- Lowland Mixed Deciduous Woodland
  - Hedgerow - field survey

\* Buffer is known as the 'study area' in Chapter 7 Biodiversity.  
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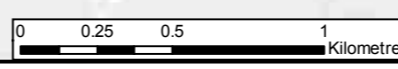
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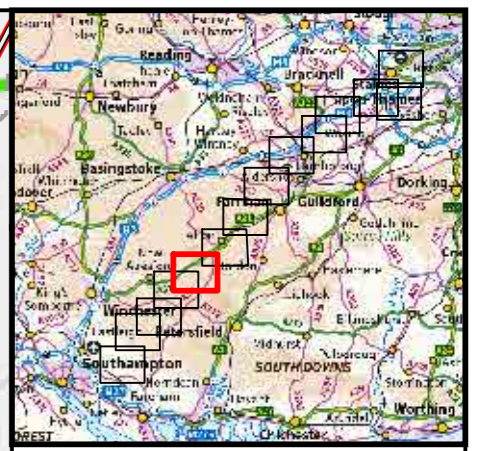
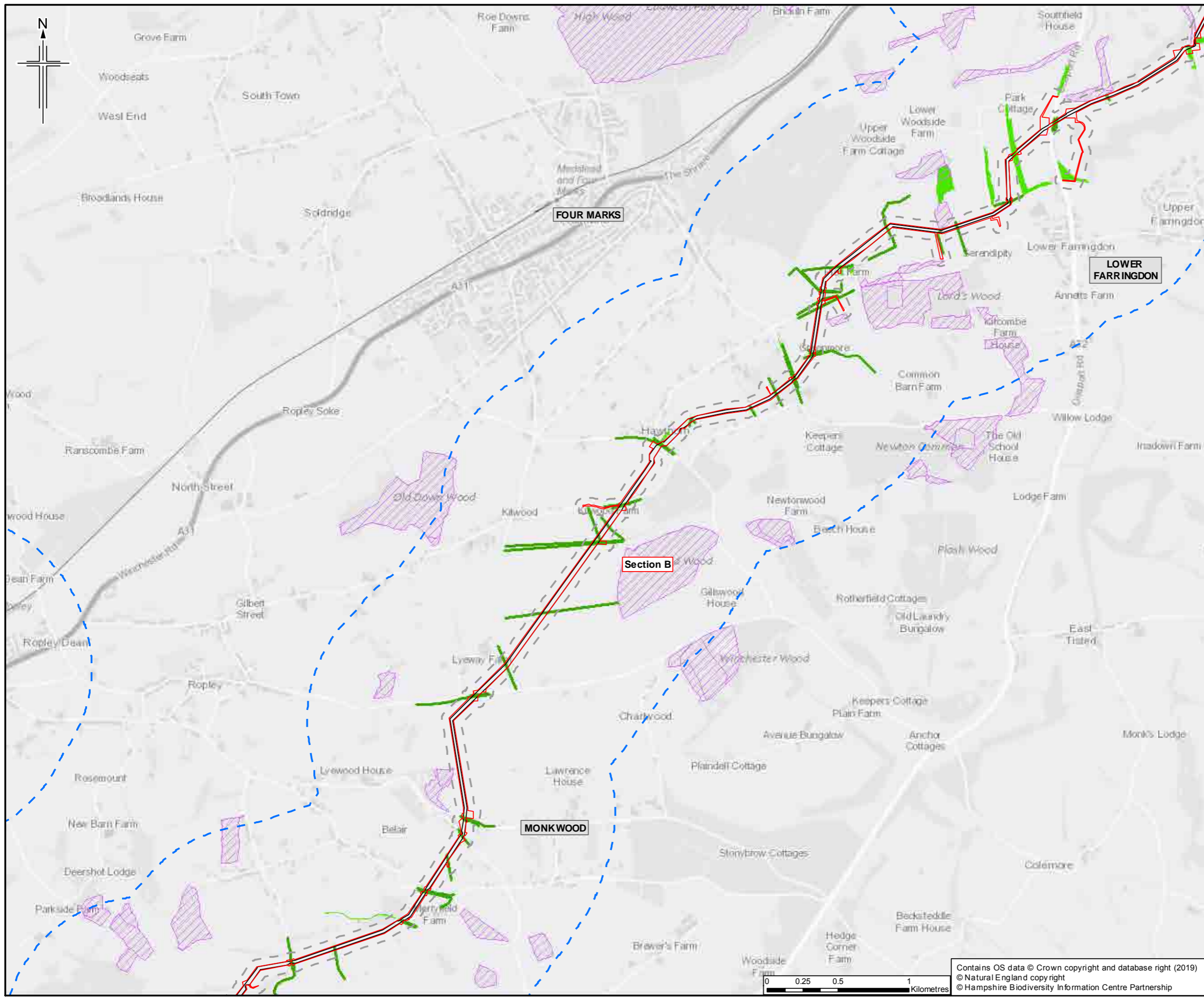


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 ANCIENT WOODLAND AND  
 PRIORITY HABITATS  
 APFP Reg. (2009) 5(2)(l)

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Project/Work No.	B2325300-JAC-000-ENV-DRG-001572
Drawing number	Figure 7.3 Sheet 4 of 14
Rev	0

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- Legend**
- Order Limits
  - Limits of deviation
  - Order Limits 50m buffer
  - Order Limits 1km buffer
  - Section break
  - Section break
- Ancient Woodland**
- Ancient Woodland Inventory Site
- Priority Habitats**
- Lowland Mixed Deciduous Woodland
  - Hedgerow - field survey

\* Buffer is known as the 'study area' in Chapter 7 Biodiversity.  
 \* Priority Habitats outside of statutory and non-statutory designated sites shown only. Data sources: Priority Habitat Inventory, HBIC - Priority Habitats and additional Priority Habitat identified during botanical survey  
 Sheet displays part of Section B

0	13/03/2019	For Issue	ZR	NS	LG	SH
Rev.	Rev. Date	Purpose of revision	OrigDwn	Checked	Rev'd	Apprv'd



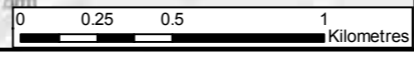
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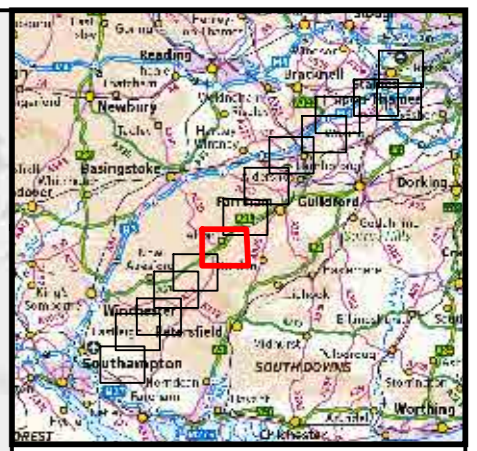
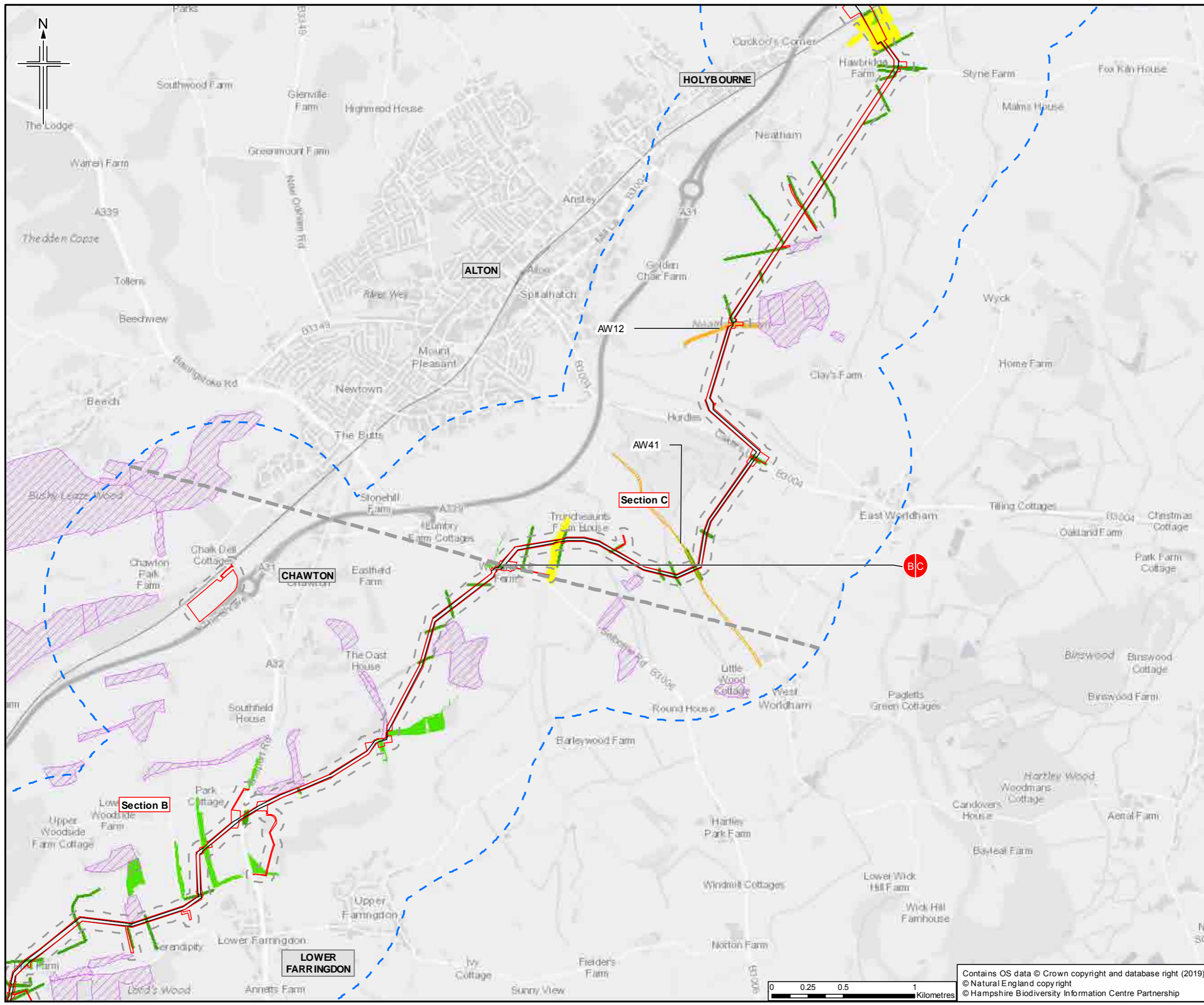
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Project/Work No.	B2325300-JAC-000-ENV-DRG-001572	
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- Legend**
- Order Limits
  - Limits of deviation
  - Order Limits 50m buffer
  - Order Limits 1km buffer
  - Section break
  - Section break
- Ancient Woodland**
- Ancient Woodland Inventory Site
  - Potential Ancient Woodland Sites (less than 2ha)
- Priority Habitats**
- Coastal and Floodplain Grazing Marsh
  - Lowland Mixed Deciduous Woodland
  - Hedgerow - field survey

\* Buffer is known as the 'study area' in Chapter 7 Biodiversity.  
 \* Priority Habitats outside of statutory and non-statutory designated sites shown only. Data sources: Priority Habitat Inventory, HBIC - Priority Habitats and additional Priority Habitat identified during botanical survey  
 Sheet displays parts of Section B and Section C

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Rev.	Rev. Date	Purpose of revision	OrigDwn	Checked	Rev'd	Apprv'd

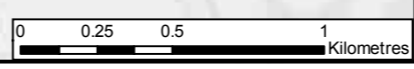
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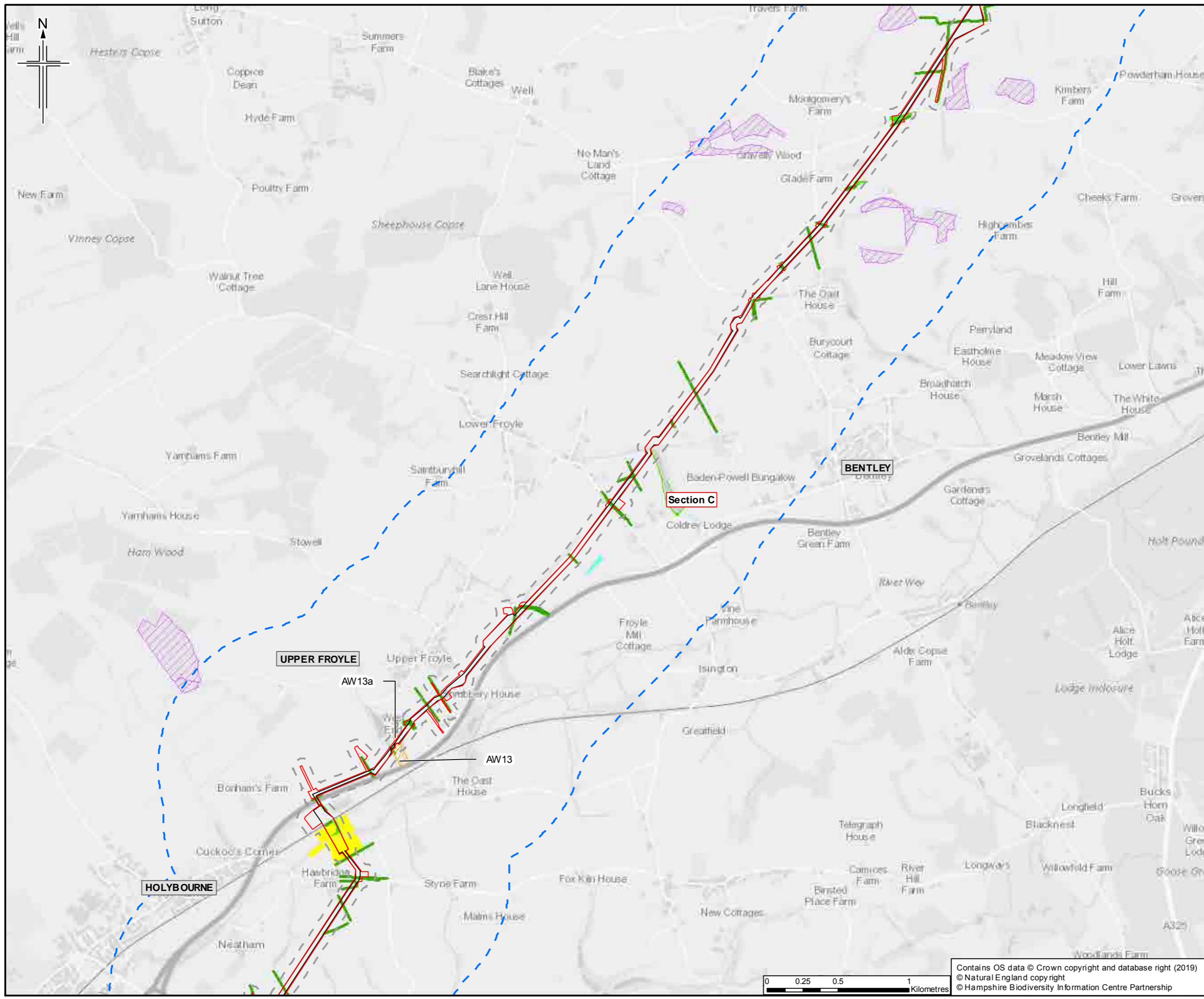
Project  
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Drawing title  
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 APFP Reg. (2009) 5(2)(l)

Drawing Status	For Issue	
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- Legend**
- Order Limits
  - Limits of deviation
  - Order Limits 50m buffer
  - Order Limits 1km buffer
  - Section break
  - Section break
- Ancient Woodland**
- Ancient Woodland Inventory Site
  - Potential Ancient Woodland Sites (less than 2ha)
- Priority Habitats**
- Arable Field Margins
  - Coastal and Floodplain Grazing Marsh
  - Lowland Mixed Deciduous Woodland
  - Hedgerow - field survey

\* Buffer is known as the 'study area' in Chapter 7 Biodiversity.  
 \* Priority Habitats outside of statutory and non-statutory designated sites shown only. Data sources: Priority Habitat Inventory, HBIC - Priority Habitats and additional Priority Habitat identified during botanical survey  
 Sheet displays part of Section C

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Rev.	Rev. Date	Purpose of revision	OrigDwn	Checked	Rev'd	Apprv'd



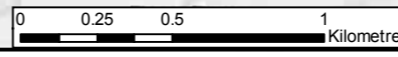
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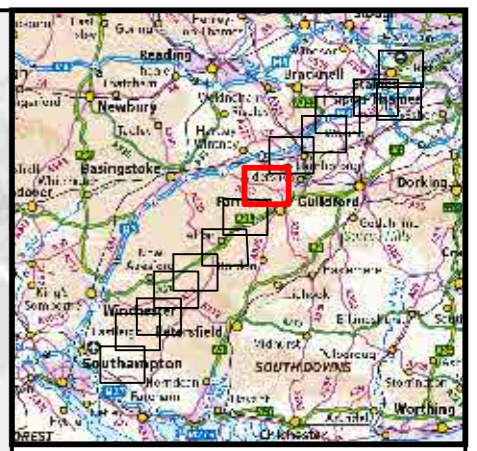
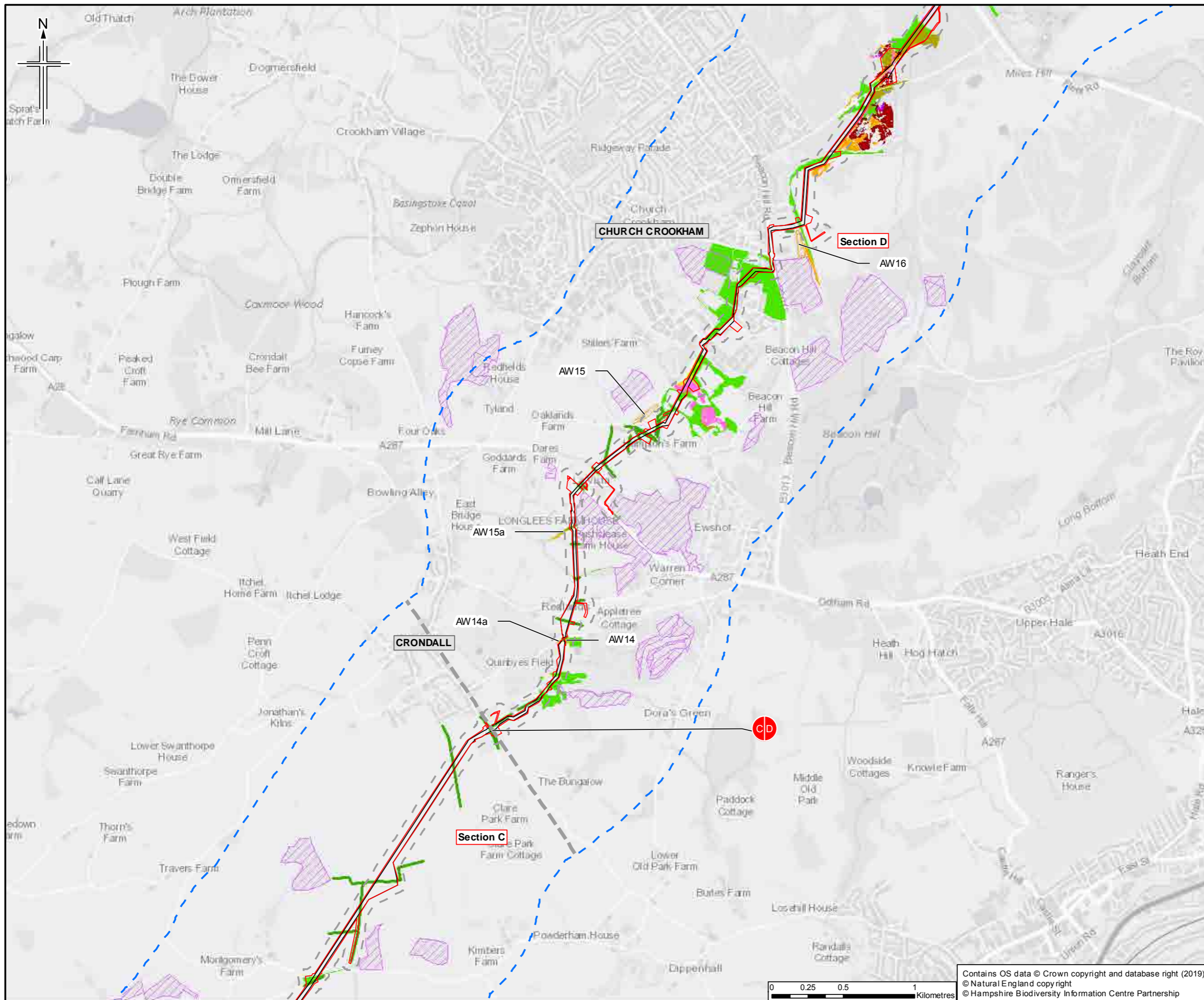


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 ENVIRONMENTAL STATEMENT  
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 PRIORITY HABITATS  
 APFP Reg. (2009) 5(2)(l)

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<b>Drawing number</b>	Figure 7.3 Sheet 7 of 14	Rev 0

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- Legend**
- Order Limits
  - Limits of deviation
  - Order Limits 50m buffer
  - Order Limits 1km buffer
  - Section break
  - Section break
- Ancient Woodland**
- Ancient Woodland Inventory Site
  - Potential Ancient Woodland Sites (less than 2ha)
- Priority Habitats**
- Lowland Dry Acid Grassland
  - Lowland Fens
  - Lowland Heathland
  - Lowland Meadows
  - Lowland Mixed Deciduous Woodland
  - Purple Moor-Grass and Rush Pastures
  - Wet Woodland
  - Hedgerow - field survey
- \* Buffer is known as the 'study area' in Chapter 7 Biodiversity.  
 \* Priority Habitats outside of statutory and non-statutory designated sites shown only. Data sources: Priority Habitat Inventory, HBIC - Priority Habitats and additional Priority Habitat identified during botanical survey  
 Sheet displays parts of Section C and Section D

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0	13/03/2019	For Issue				



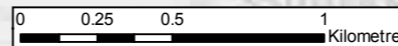
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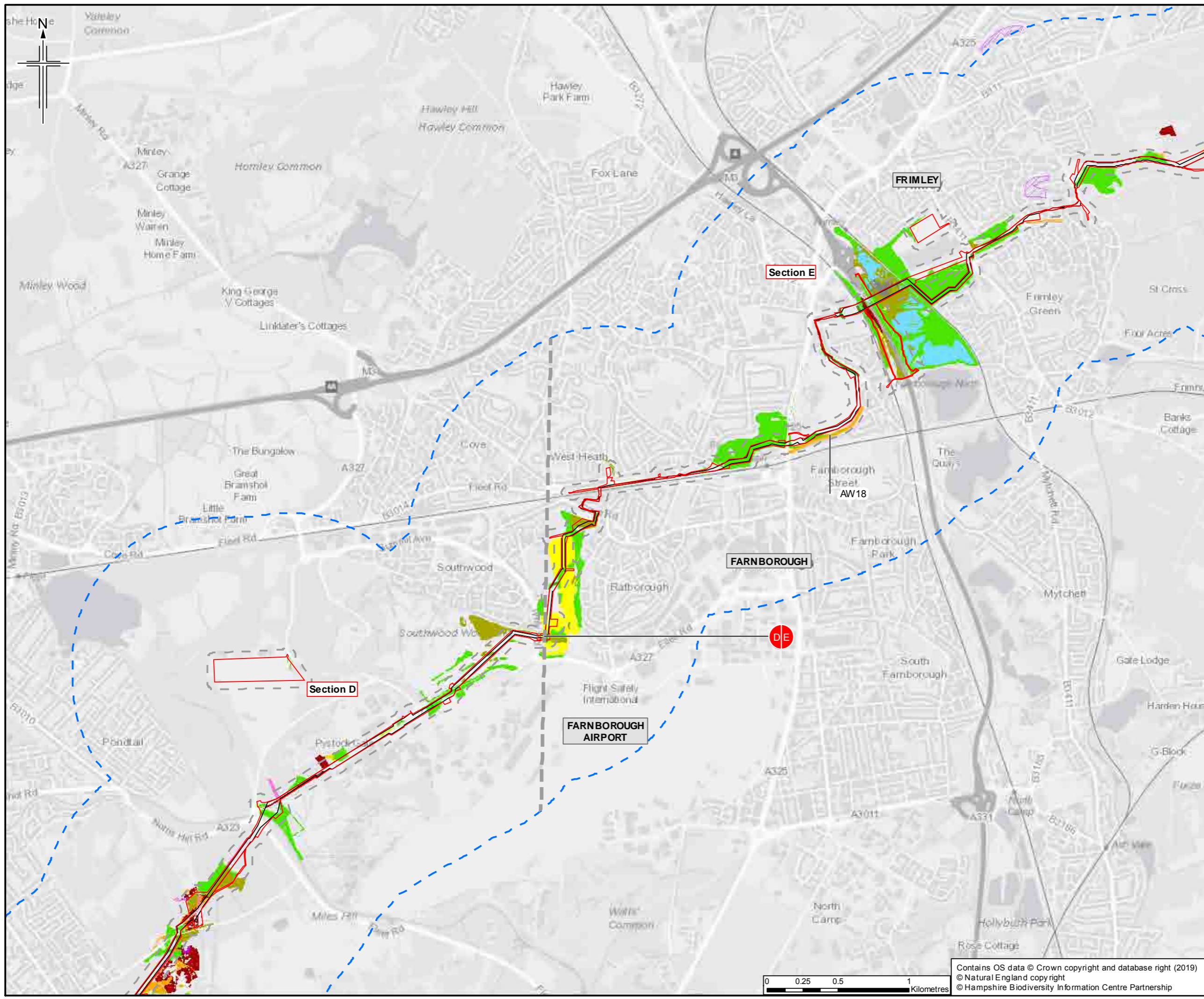


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Drawing number	Figure 7.3 Sheet 8 of 14
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**Legend**

- Order Limits
- Limits of deviation
- Order Limits 50m buffer
- Order Limits 1km buffer
- Section break
- Section break

**Ancient Woodland**

- Ancient Woodland Inventory Site
- Potential Ancient Woodland Sites (less than 2ha)

**Priority Habitats**

- Coastal and Floodplain Grazing Marsh
- Eutrophic Standing Waters
- Lowland Dry Acid Grassland
- Lowland Fens
- Lowland Heathland
- Lowland Meadows
- Lowland Mixed Deciduous Woodland
- Purple Moor-Grass and Rush Pastures
- Reedbeds
- Wet Woodland
- Hedgerow - field survey

\* Buffer is known as the 'study area' in Chapter 7 Biodiversity.  
 \* Priority Habitats outside of statutory and non-statutory designated sites shown only. Data sources: Priority Habitat Inventory, HBIC - Priority Habitats and additional Priority Habitat identified during botanical survey  
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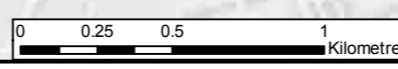
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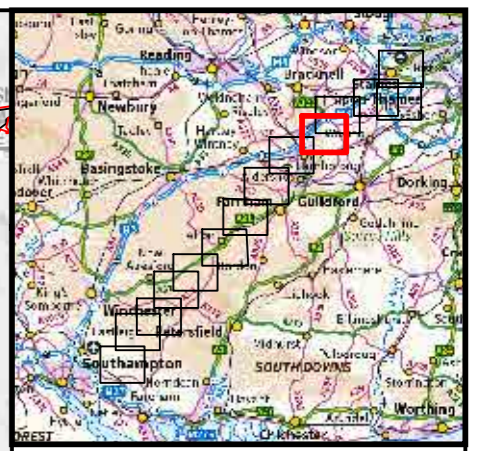
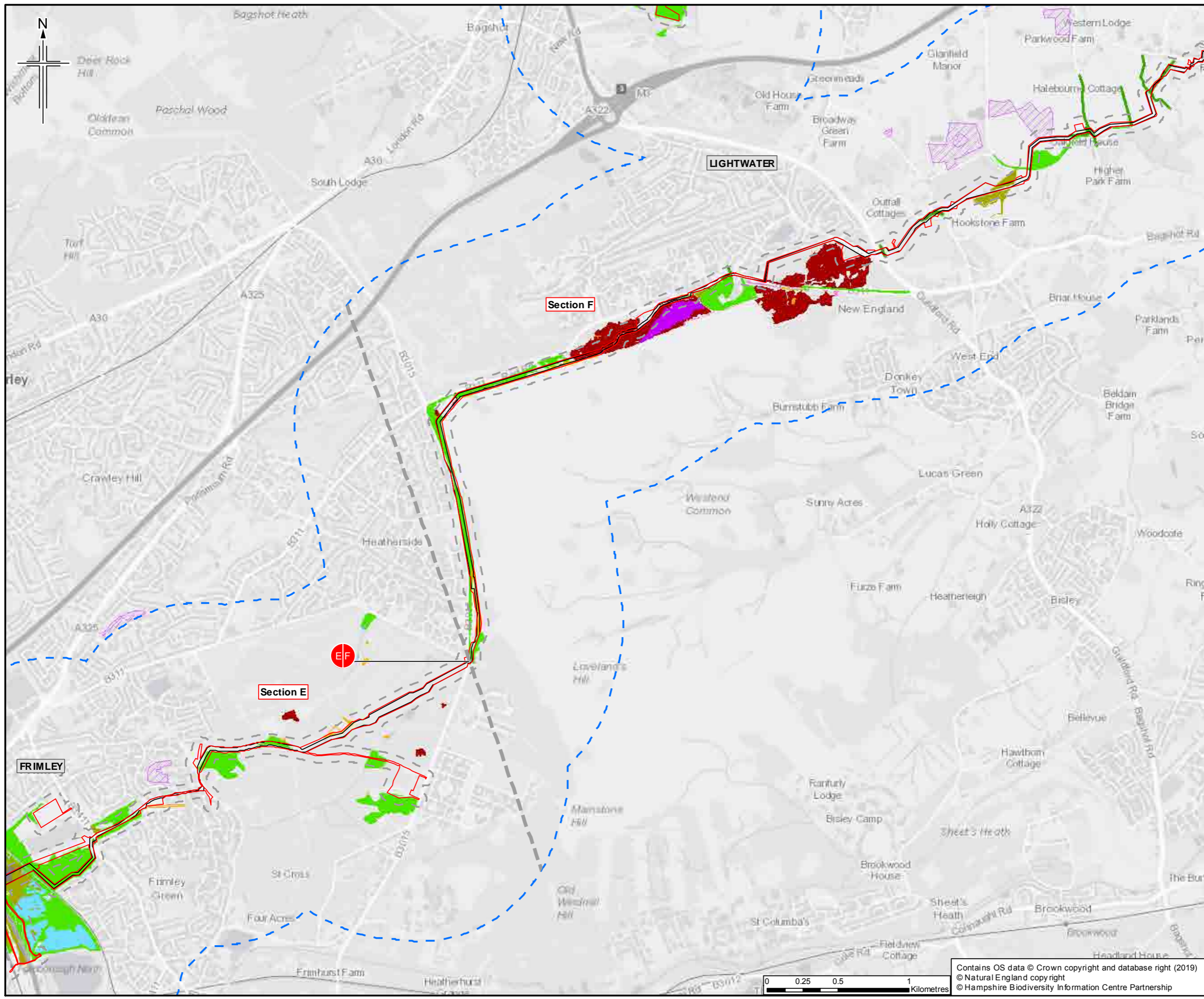
Project  
**Southampton to London Pipeline Project**

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 ANCIENT WOODLAND AND  
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 APFP Reg. (2009) 5(2)(I)**

Drawing Status	For Issue	
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Drawing number	Figure 7.3 Sheet 9 of 14	Rev 0

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**Legend**

- Order Limits
- Limits of deviation
- Order Limits 50m buffer
- Order Limits 1km buffer
- Section break
- Section break

**Ancient Woodland**

- Ancient Woodland Inventory Site
- Potential Ancient Woodland Sites (less than 2ha)

**Priority Habitats**

- Eutrophic Standing Waters
- Lowland Dry Acid Grassland
- Lowland Fens
- Lowland Heathland
- Lowland Meadows
- Lowland Mixed Deciduous Woodland
- Ponds
- Purple Moor-Grass and Rush Pastures
- Reedbeds
- Wet Woodland
- Hedgerow - field survey

\* Buffer is known as the 'study area' in Chapter 7 Biodiversity.  
 \* Priority Habitats outside of statutory and non-statutory designated sites shown only. Data sources: Priority Habitat Inventory, HBIC - Priority Habitats and additional Priority Habitat identified during botanical survey  
 Sheet displays parts of Section E and Section F

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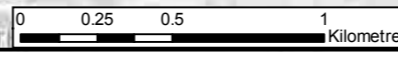
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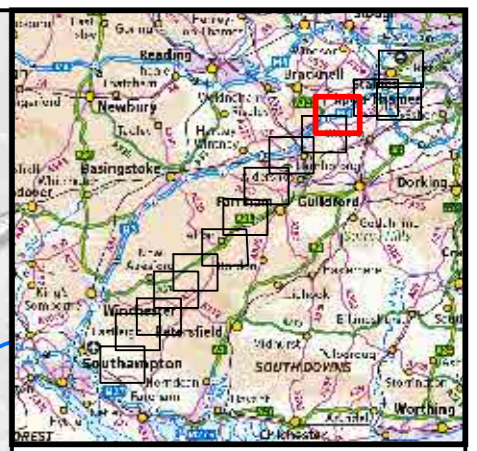
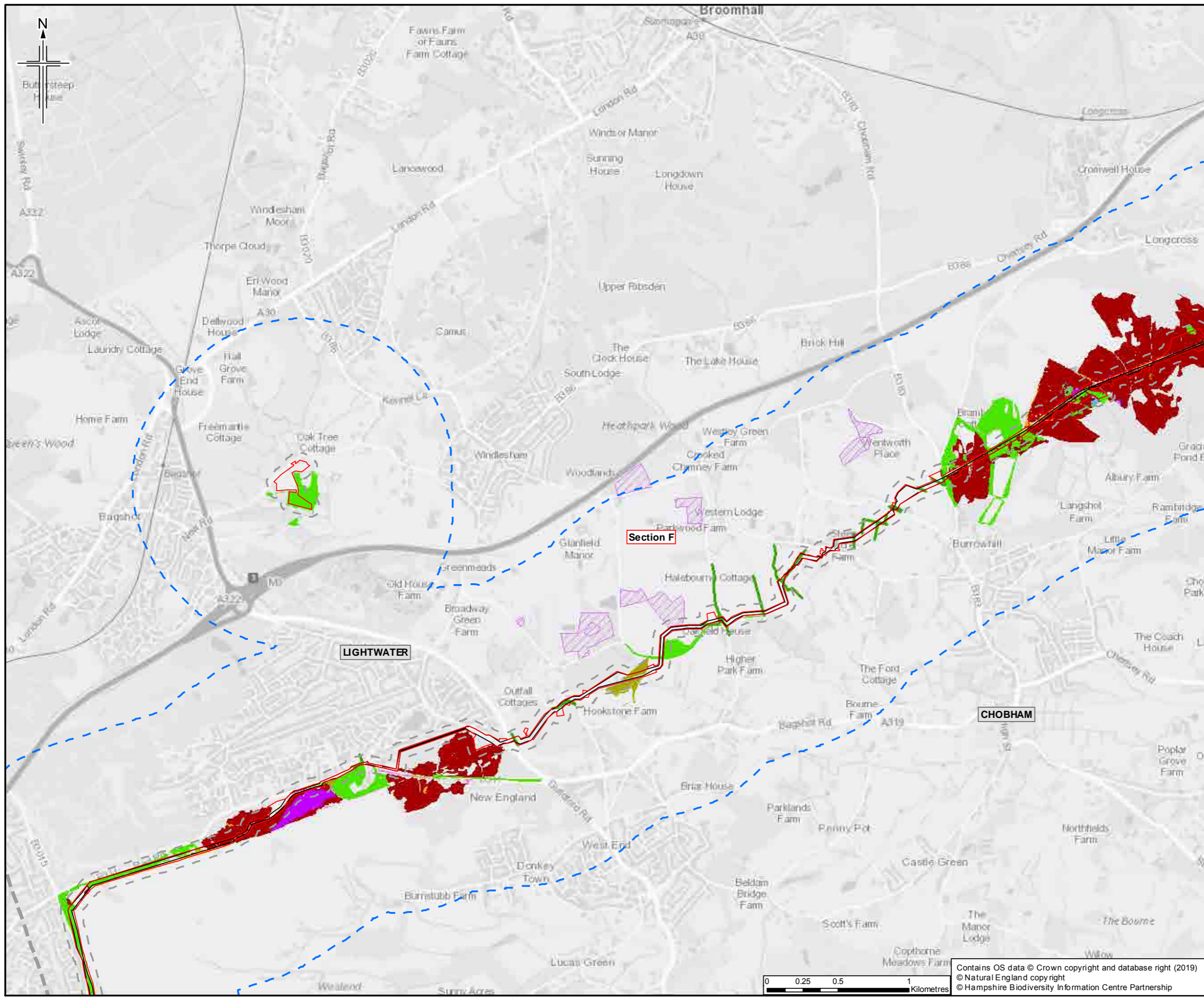
Project  
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 APFP Reg. (2009) 5(2)(l)

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**Legend**

- Order Limits
- Limits of deviation
- Order Limits 50m buffer
- Order Limits 1km buffer
- Section break
- Section break

**Ancient Woodland**

- Ancient Woodland Inventory Site

**Priority Habitats**

- Lowland Dry Acid Grassland
- Lowland Fens
- Lowland Heathland
- Lowland Mixed Deciduous Woodland
- Ponds
- Purple Moor-Grass and Rush Pastures
- Wet Woodland
- Hedgerow - field survey

\* Buffer is known as the 'study area' in Chapter 7 Biodiversity.  
 \* Priority Habitats outside of statutory and non-statutory designated sites shown only. Data sources: Priority Habitat Inventory, HBIC - Priority Habitats and additional Priority Habitat identified during botanical survey  
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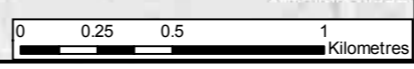
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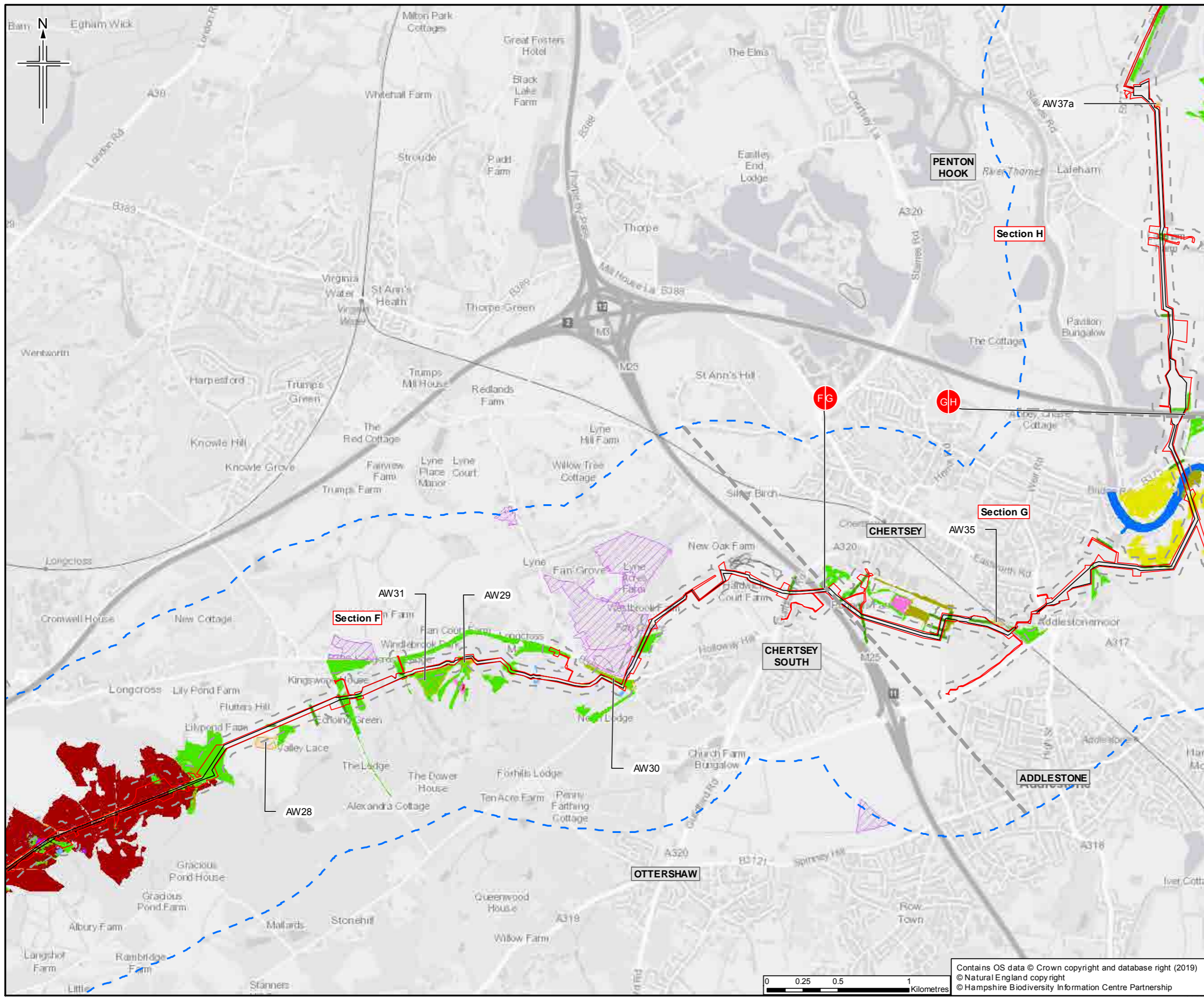
Project  
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 APFP Reg. (2009) 5(2)(I)

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- Legend**
- Order Limits
  - Limits of deviation
  - Order Limits 50m buffer
  - Order Limits 1km buffer
  - Section break
  - Section break
- Ancient Woodland**
- Ancient Woodland Inventory Site
  - Potential Ancient Woodland Sites (less than 2ha)
- Priority Habitats**
- Lowland Dry Acid Grassland
  - Lowland Fens
  - Lowland Heathland
  - Lowland Meadows
  - Lowland Mixed Deciduous Woodland
  - Ponds
  - Purple Moor-Grass and Rush Pastures
  - Rivers
  - Wet Woodland
  - Hedgerow - field survey
- \* Buffer is known as the 'study area' in Chapter 7 Biodiversity.  
 \* Priority Habitats outside of statutory and non-statutory designated sites shown only. Data sources: Priority Habitat Inventory, HBIC - Priority Habitats and additional Priority Habitat identified during botanical survey  
 Sheet displays parts of Section F, Section G and Section H

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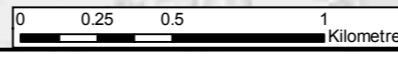
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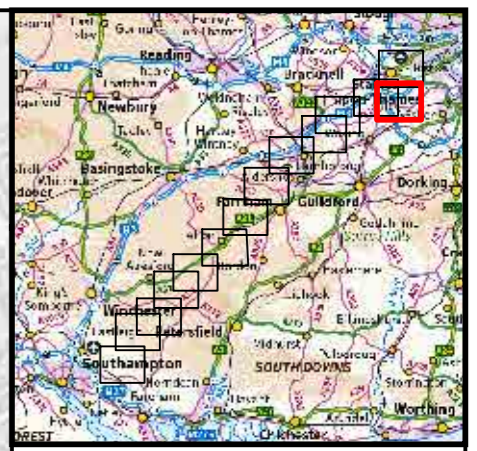
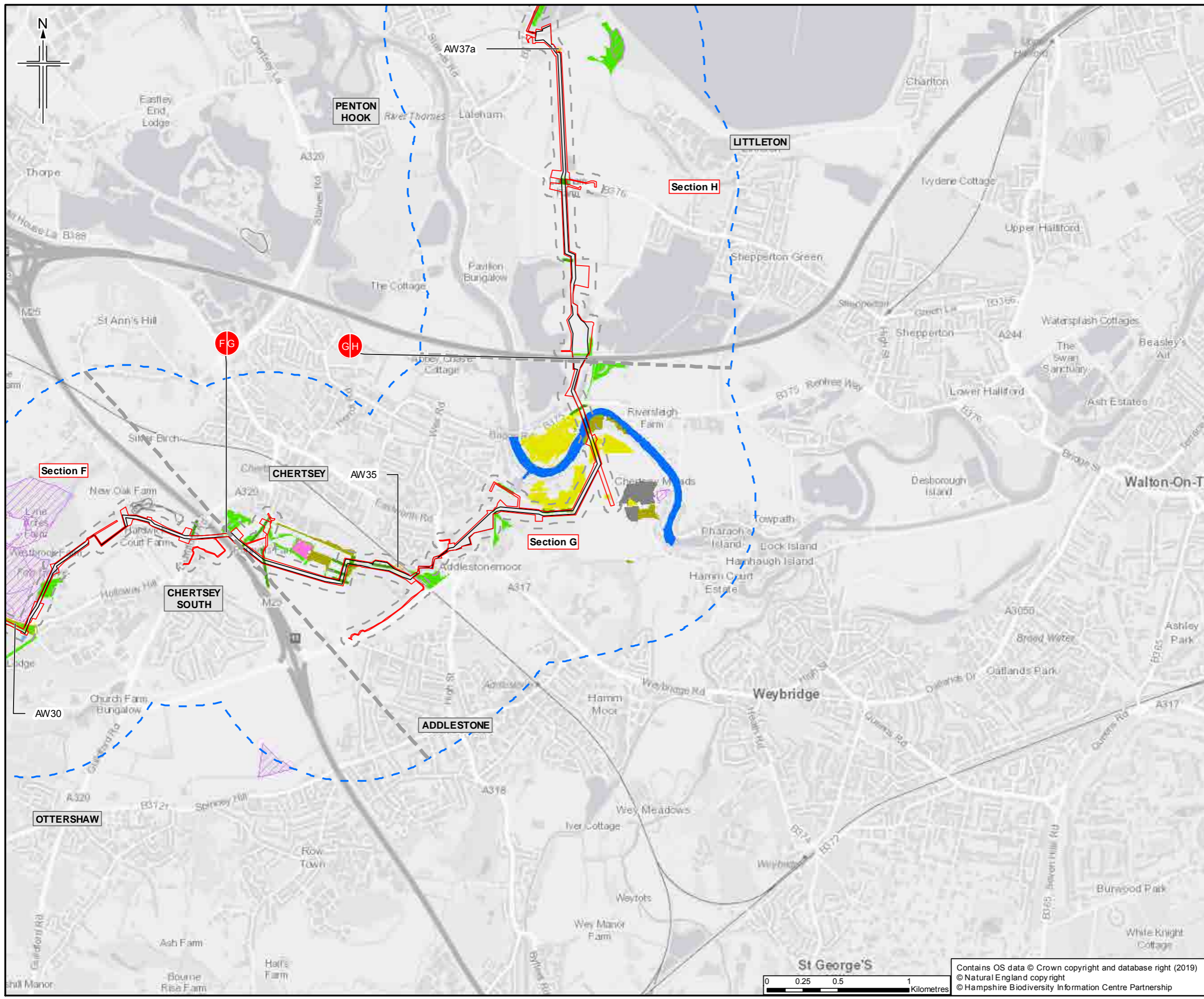
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 ANCIENT WOODLAND AND  
 PRIORITY HABITATS  
 APFP Reg. (2009) 5(2)(l)**

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- Legend**
- Order Limits
  - Limits of deviation
  - Order Limits 50m buffer
  - Order Limits 1km buffer
  - Section break
  - Section break
- Ancient Woodland**
- Ancient Woodland Inventory Site
  - Potential Ancient Woodland Sites (less than 2ha)
- Priority Habitats**
- Lowland Meadows
  - Lowland Mixed Deciduous Woodland
  - Ponds
  - Purple Moor-Grass and Rush Pastures
  - Reedbeds
  - Rivers
  - Wet Woodland
  - Hedgerow - field survey
- \* Buffer is known as the 'study area' in Chapter 7 Biodiversity.  
 \* Priority Habitats outside of statutory and non-statutory designated sites shown only. Data sources: Priority Habitat Inventory, HBIC - Priority Habitats and additional Priority Habitat identified during botanical survey  
 Sheet displays parts of Section F, Section G and Section H

Rev.	Rev. Date	Purpose of revision	OrigDwn	Checked	Rev'd	Apprv'd
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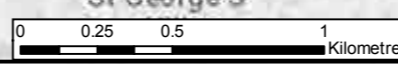
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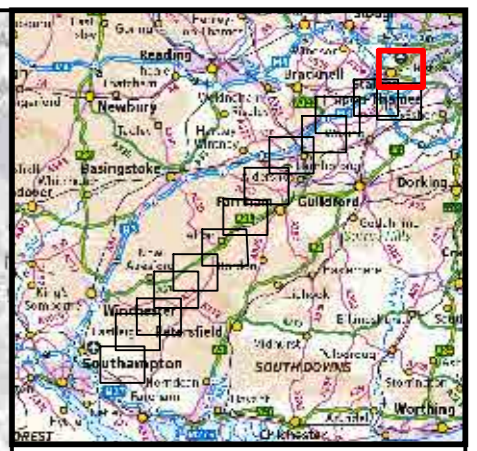
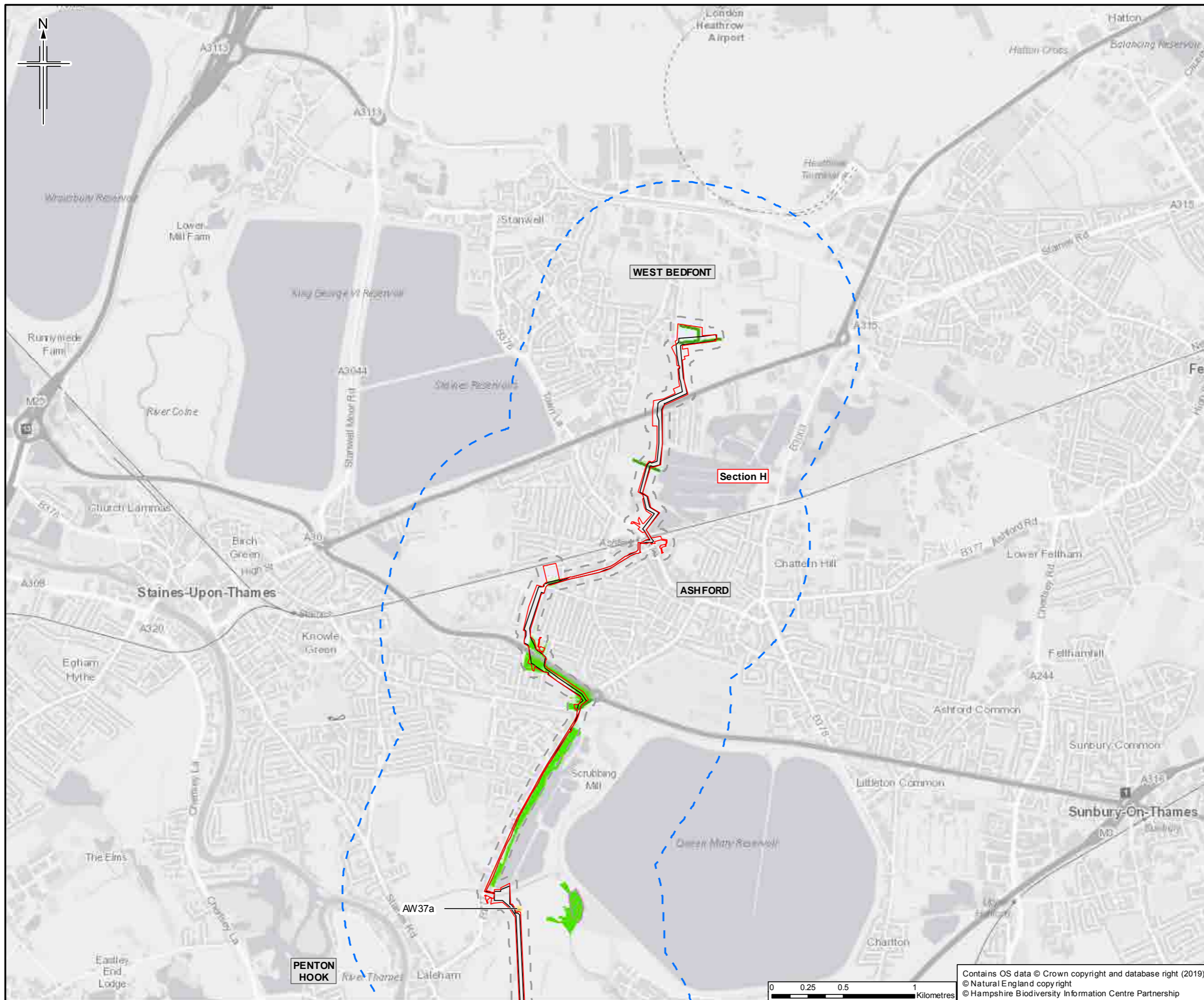
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 APFP Reg. (2009) 5(2)(I)

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- Legend**
- Order Limits
  - Limits of deviation
  - Order Limits 50m buffer
  - Order Limits 1km buffer
  - Section break
  - Section break
  - Ancient Woodland**
  - Ancient Woodland Inventory Site
  - Potential Ancient Woodland Sites (less than 2ha)
  - Priority Habitats**
  - Lowland Mixed Deciduous Woodland
  - Hedgerow - field survey

\* Buffer is known as the 'study area' in Chapter 7 Biodiversity.  
 \* Priority Habitats outside of statutory and non-statutory designated sites shown only. Data sources: Priority Habitat Inventory, HBIC - Priority Habitats and additional Priority Habitat identified during botanical survey  
 Sheet displays part of Section H

Rev.	Rev. Date	Purpose of revision	OrigDwn	Checked	Rev'd	Apprv'd
0	13/03/2019	For Issue	ZR	NS	LG	SH

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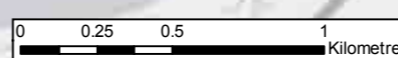
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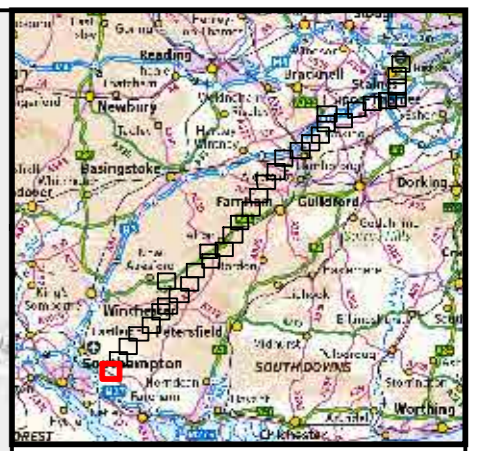
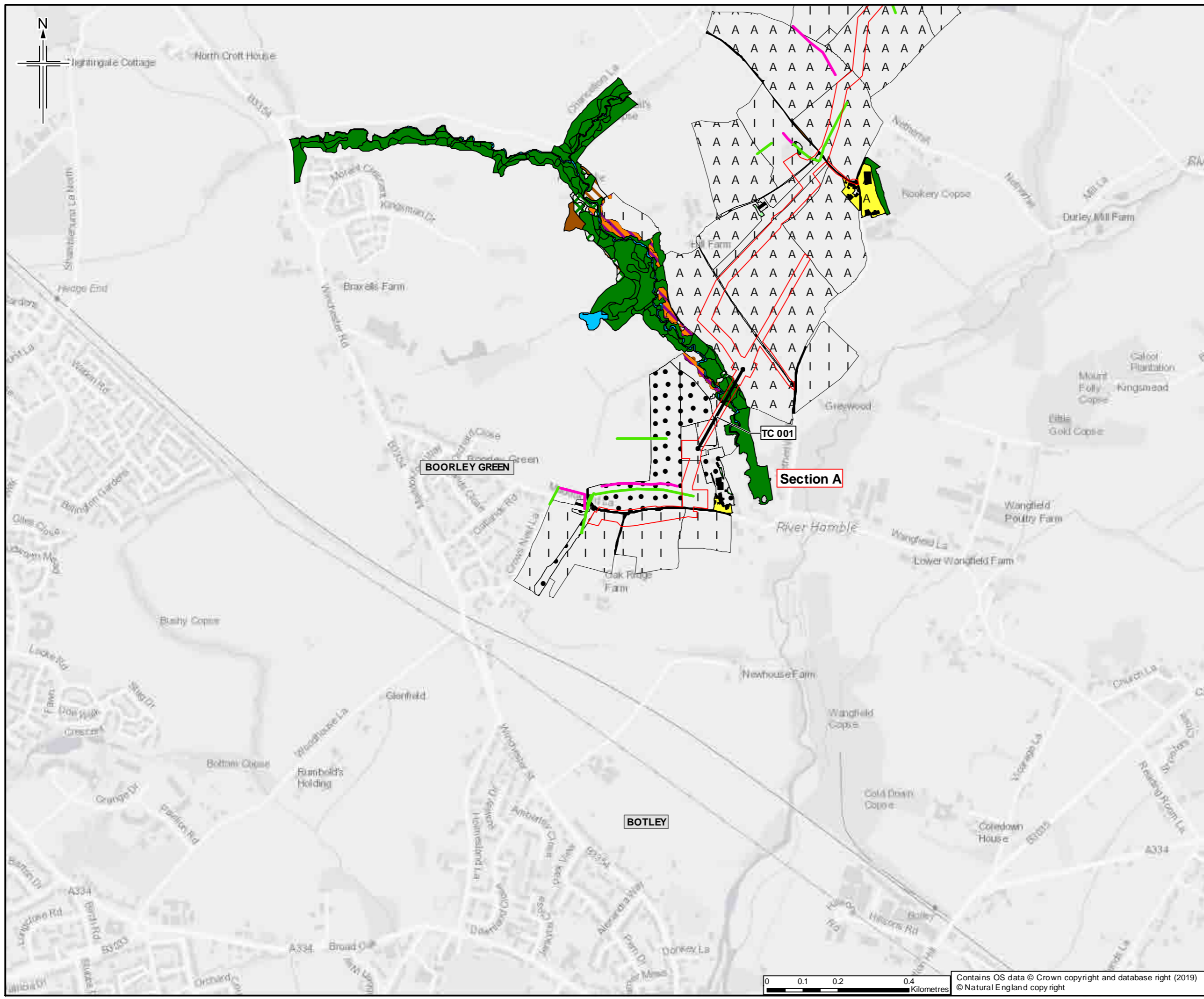
**Project**  
**Southampton to London Pipeline Project**

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 ENVIRONMENTAL STATEMENT  
 ANCIENT WOODLAND AND  
 PRIORITY HABITATS  
 APFP Reg. (2009) 5(2)(l)

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- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Section break
  - Trenchless crossing **TC 003**
  - Hedgerow
  - Important Hedgerow
- For Phase 1 Legend please see sheet 35**

Sheet displays part of Section A

0	21/03/2019	For Issue	MG	TC	LG	SH
Rev.	Date	Purpose of revision	OrigDwn	Checked	Rev'd	Appr'd

Author

**JACOBS**

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www.jacobs.com

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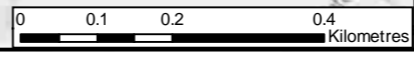
**Project**

**Southampton to London Pipeline Project**

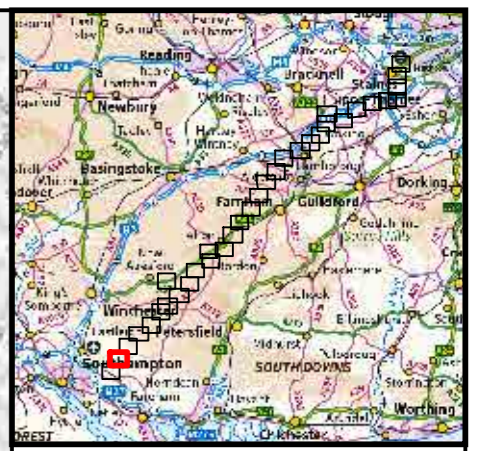
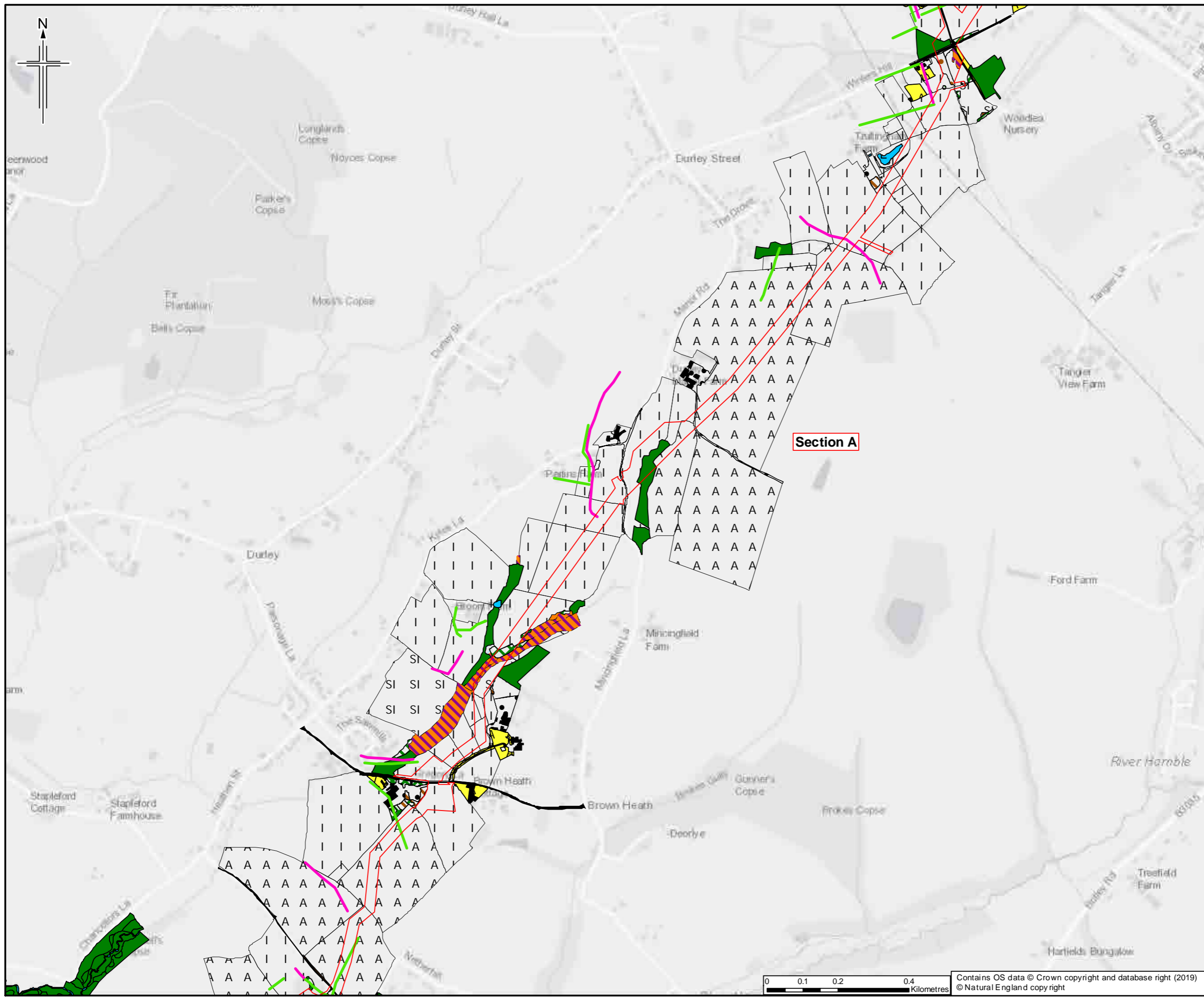
**Drawing title**

**ENVIRONMENTAL STATEMENT  
PHASE 1 HABITAT SURVEY  
APFP Reg. (2009) 5(2)(l)**

Drawing Status	For Issue
Scale	1:10,000 @ A3 DO NOT SCALE
Jacobs No.	B2325300
ProjectWise No.	B2325300-JAC-000-ENV-DRG-001024
Drawing number	Figure 7.4 Sheet 1 of 35
	Rev 0



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- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Section break
  - Trenchless crossing TC 003
  - Hedgerow
  - Important Hedgerow
- For Phase 1 Legend please see sheet 35

**Section A**

Sheet displays part of Section A

Rev.	Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Appr'd
0	21/03/2019	For issue				

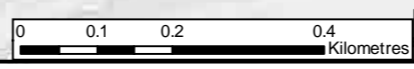


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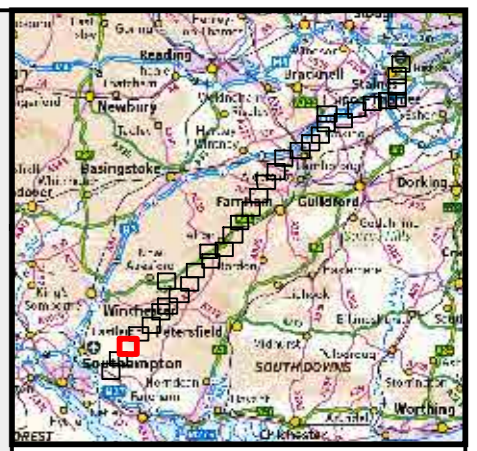
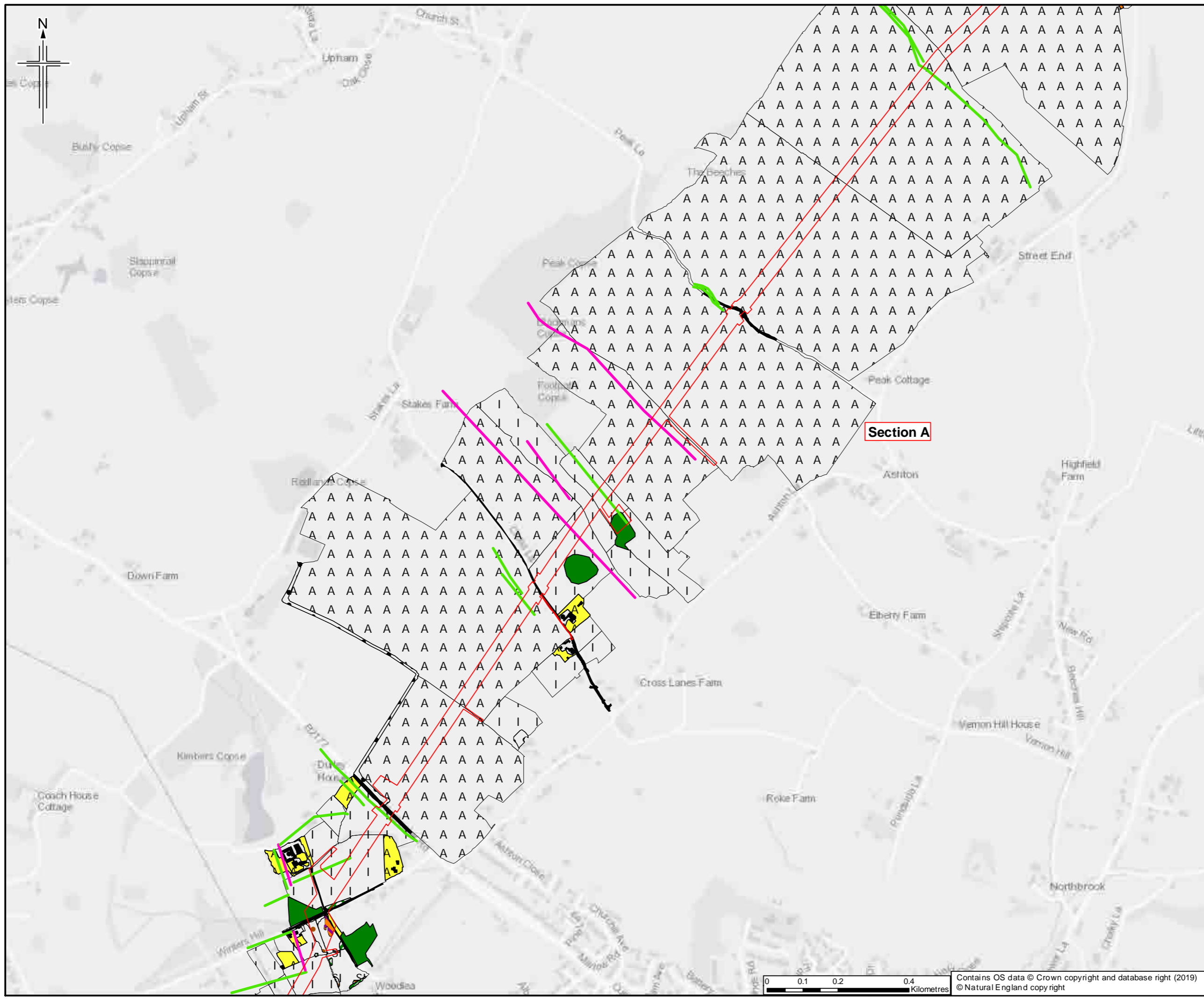
**Drawing title**  
 ENVIRONMENTAL STATEMENT  
 PHASE 1 HABITAT SURVEY  
 APFP Reg. (2009) 5(2)(l)

<b>Drawing Status</b>	For Issue	
<b>Scale</b>	1:10,000 @ A3	DO NOT SCALE
<b>Jacobs No.</b>	B2325300	
<b>Project Wise No.</b>	B2325300-JAC-000-ENV-DRG-001024	
<b>Drawing number</b>	Figure 7.4 Sheet 2 of 35	Rev 0



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- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Section break
  - Trenchless crossing **TC 003**
  - Hedgerow
  - Important Hedgerow
- For Phase 1 Legend please see sheet 35

**Section A**

Sheet displays part of Section A

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Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Apprv'd

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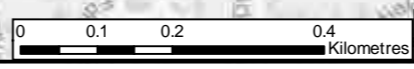
**Project**

Southampton to London Pipeline Project

**Drawing title**

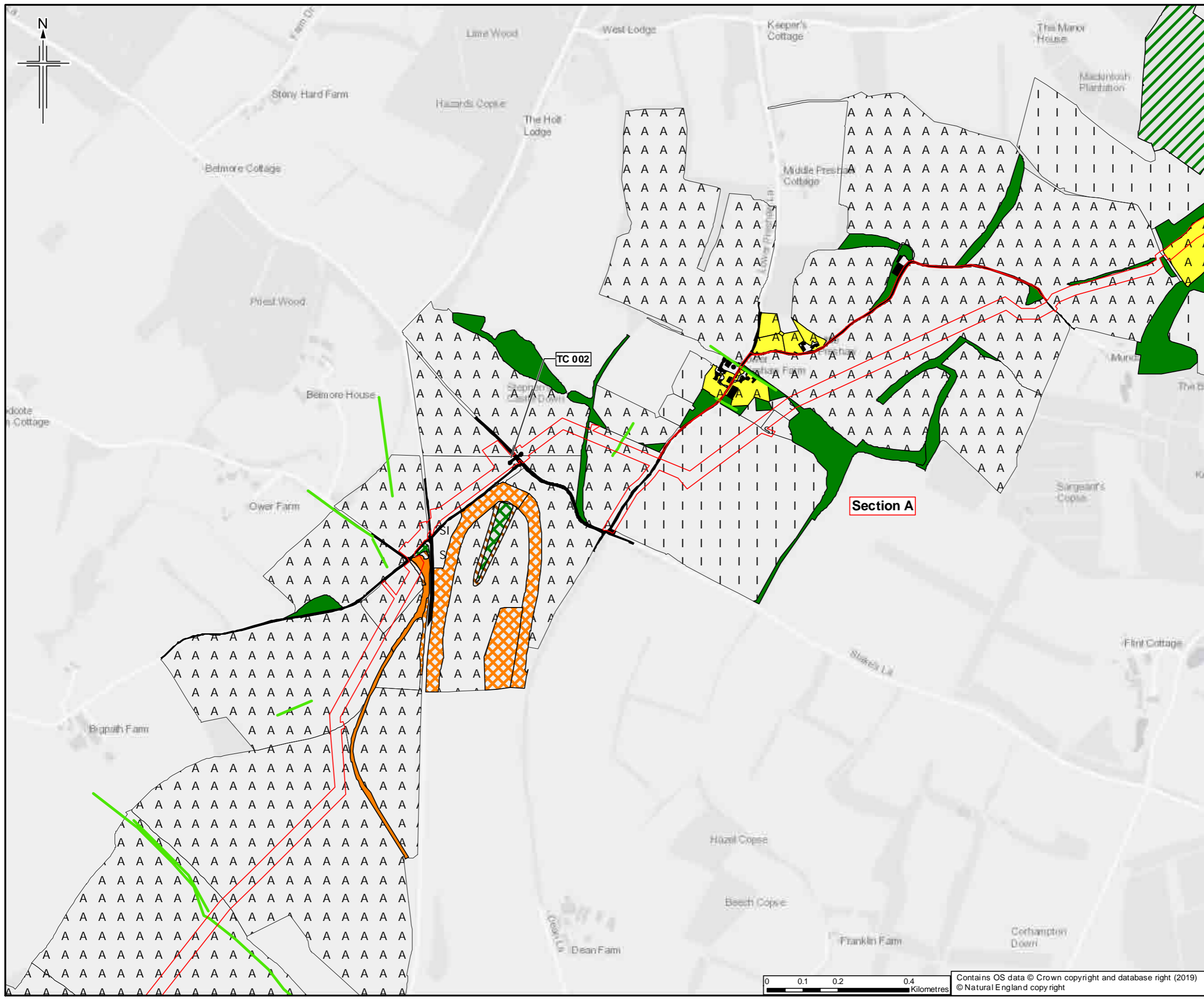
**ENVIRONMENTAL STATEMENT  
 PHASE 1 HABITAT SURVEY  
 APFP Reg. (2009) 5(2)(l)**

<b>Drawing Status</b>	For Issue	
<b>Scale</b>	1:10,000 @ A3	DO NOT SCALE
<b>Jacobs No.</b>	B2325300	
<b>Project Wise No.</b>	B2325300-JAC-000-ENV-DRG-001024	
<b>Drawing number</b>	Figure 7.4 Sheet 3 of 35	Rev 0



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- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Section break
  - Trenchless crossing **TC 003**
  - Hedgerow
- For Phase 1 Legend please see sheet 35

Sheet displays part of Section A

Rev.	Date	Purpose of revision	OrigDwn	Checked	Rev'd	Apprv'd
0	21/03/2019	For Issue	MG	TC	LG	SH

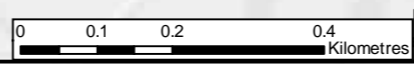


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 Esso Petroleum Company, Limited  
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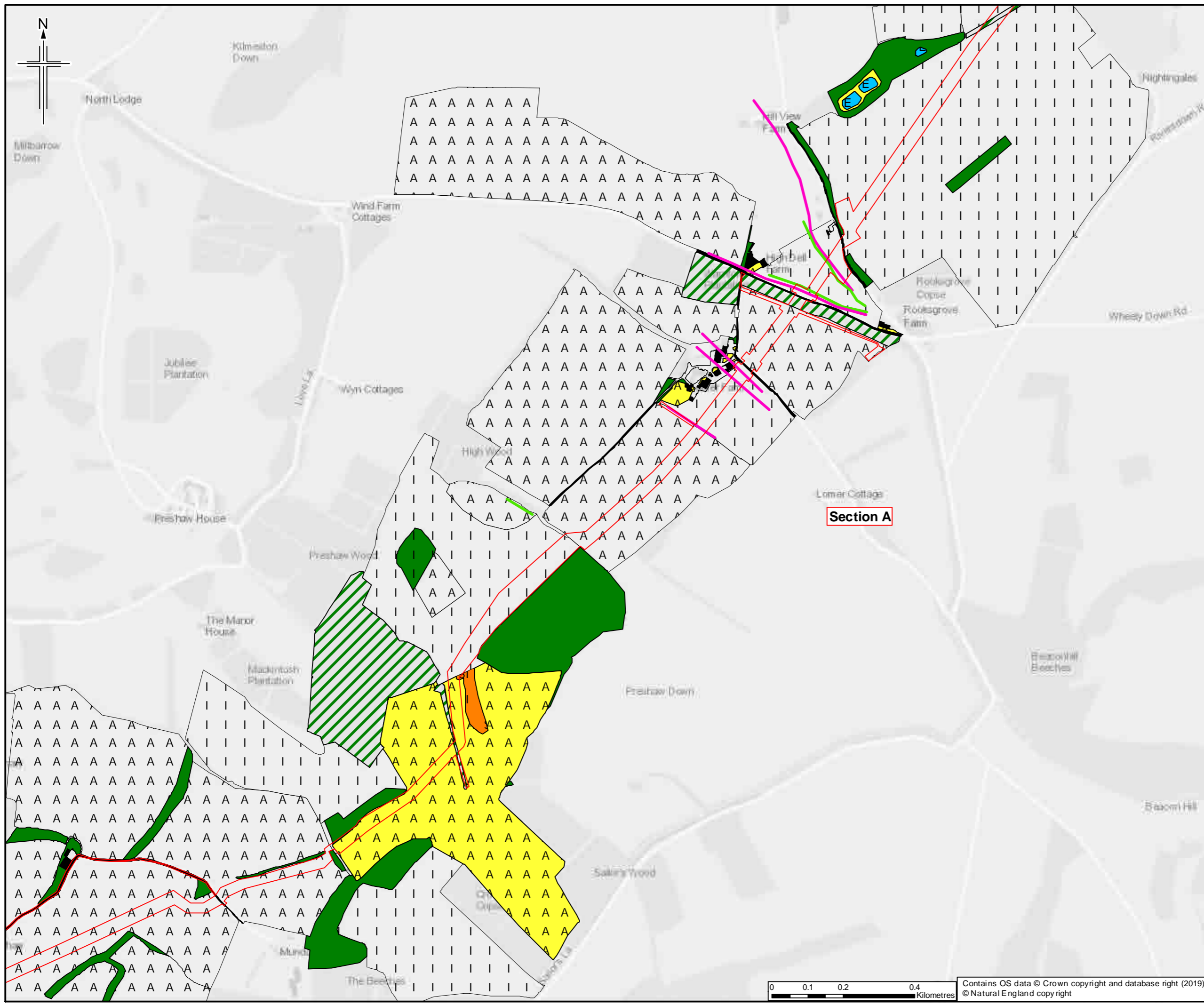


Drawing title  
**ENVIRONMENTAL STATEMENT  
 PHASE 1 HABITAT SURVEY  
 APFP Reg. (2009) 5(2)(l)**

Drawing Status	For Issue	
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Drawing number	Figure 7.4 Sheet 4 of 35	Rev 0



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- Order Limits
  - Limits of deviation
  - Section break
  - Section break
  - Trenchless crossing TC 003
  - Hedgerow
  - Important Hedgerow
- For Phase 1 Legend please see sheet 35

Sheet displays part of Section A

0	21/03/2019	For Issue	MG	TC	LG	SH
Rev.	Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Appr'd

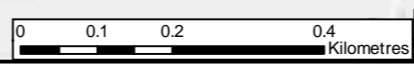


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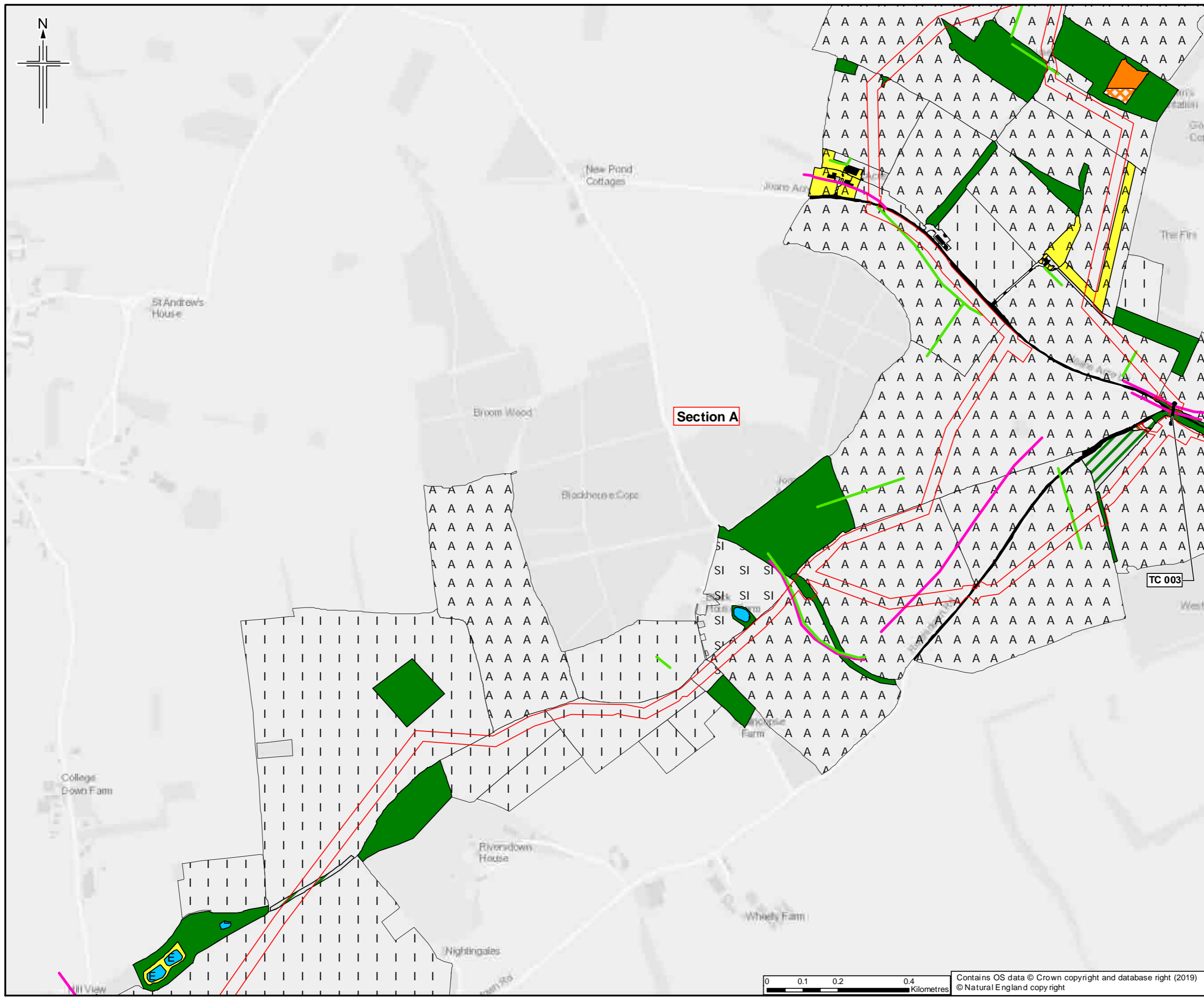
Drawing title  
**ENVIRONMENTAL STATEMENT  
PHASE 1 HABITAT SURVEY  
APFP Reg. (2009) 5(2)(l)**

Drawing Status	For Issue	
Scale	1:10,000 @ A3	DO NOT SCALE
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Project Wise No.	B2325300-JAC-000-ENV-DRG-001024	
Drawing number	Figure 7.4 Sheet 5 of 35	Rev 0



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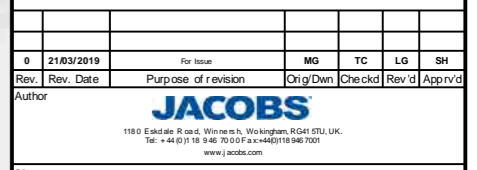
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- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Section break
  - Trenchless crossing **TC 003**
  - Hedgerow
  - Important Hedgerow
- For Phase 1 Legend please see sheet 35

Sheet displays part of Section A

8	21/03/2019	For Issue	MG	TC	LG	SH
Rev.	Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Appr'd
Author						

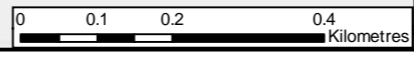


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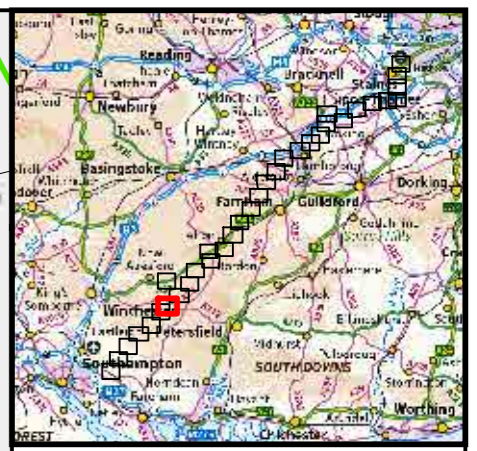
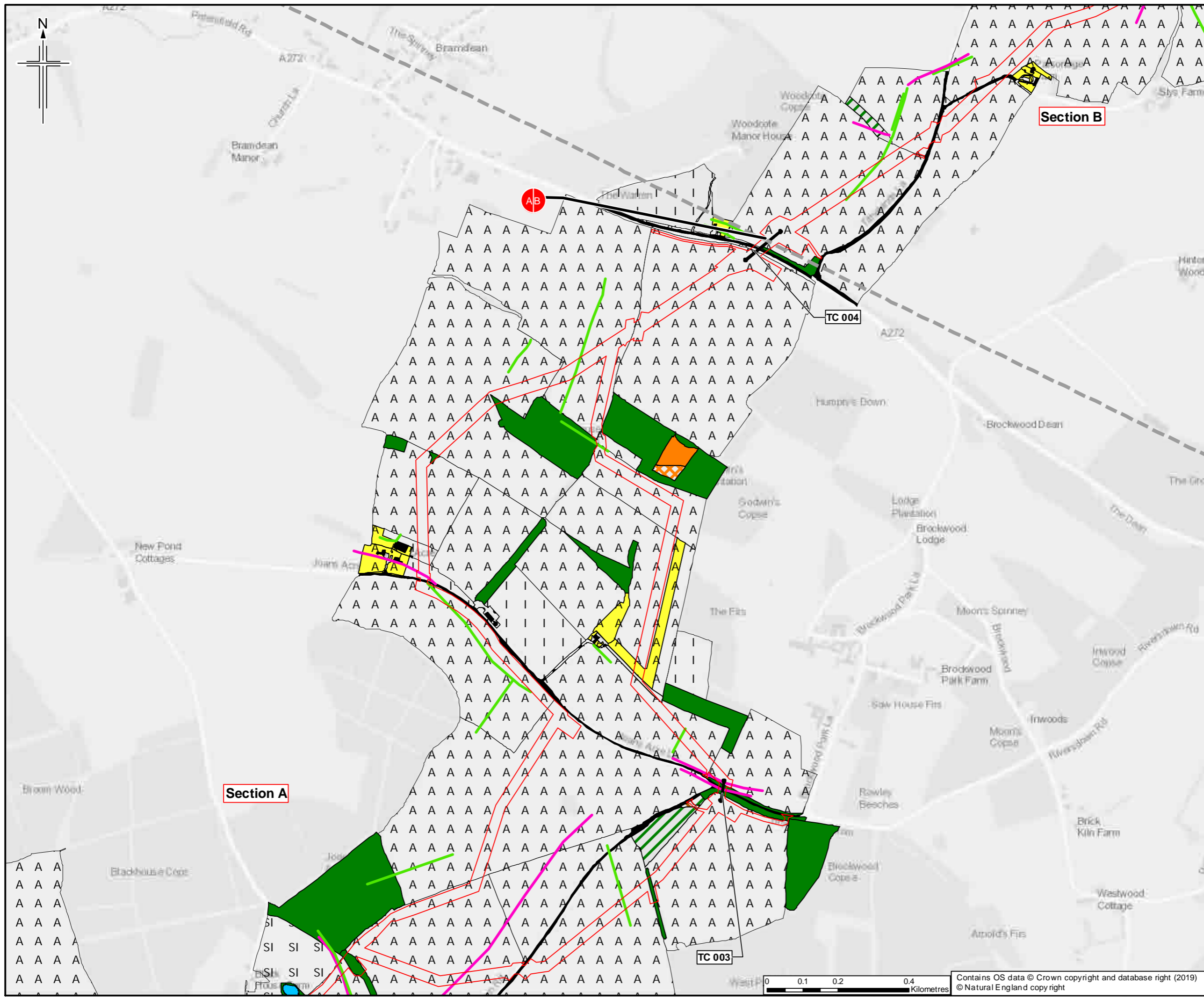


Drawing title  
**ENVIRONMENTAL STATEMENT  
PHASE 1 HABITAT SURVEY  
APFP Reg. (2009) 5(2)(l)**

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Scale	1:10,000 @ A3	DO NOT SCALE
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Drawing number	Figure 7.4 Sheet 6 of 35	Rev 0



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- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Section break
  - Trenchless crossing **TC 003**
  - Hedgerow
  - Important Hedgerow
- For Phase 1 Legend please see sheet 35

Sheet displays parts of Section A and Section B

0	21/03/2019	For Issue	MG	TC	LG	SH
Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Appr'd

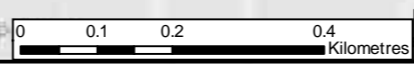


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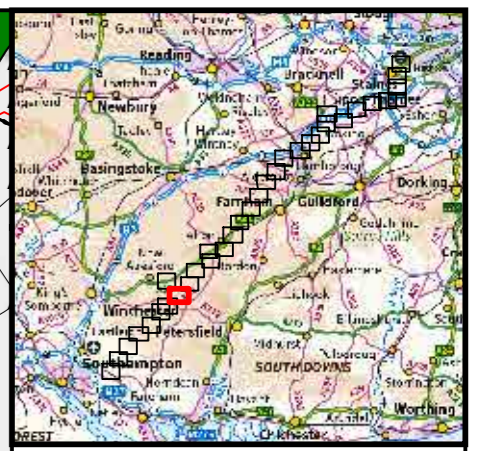
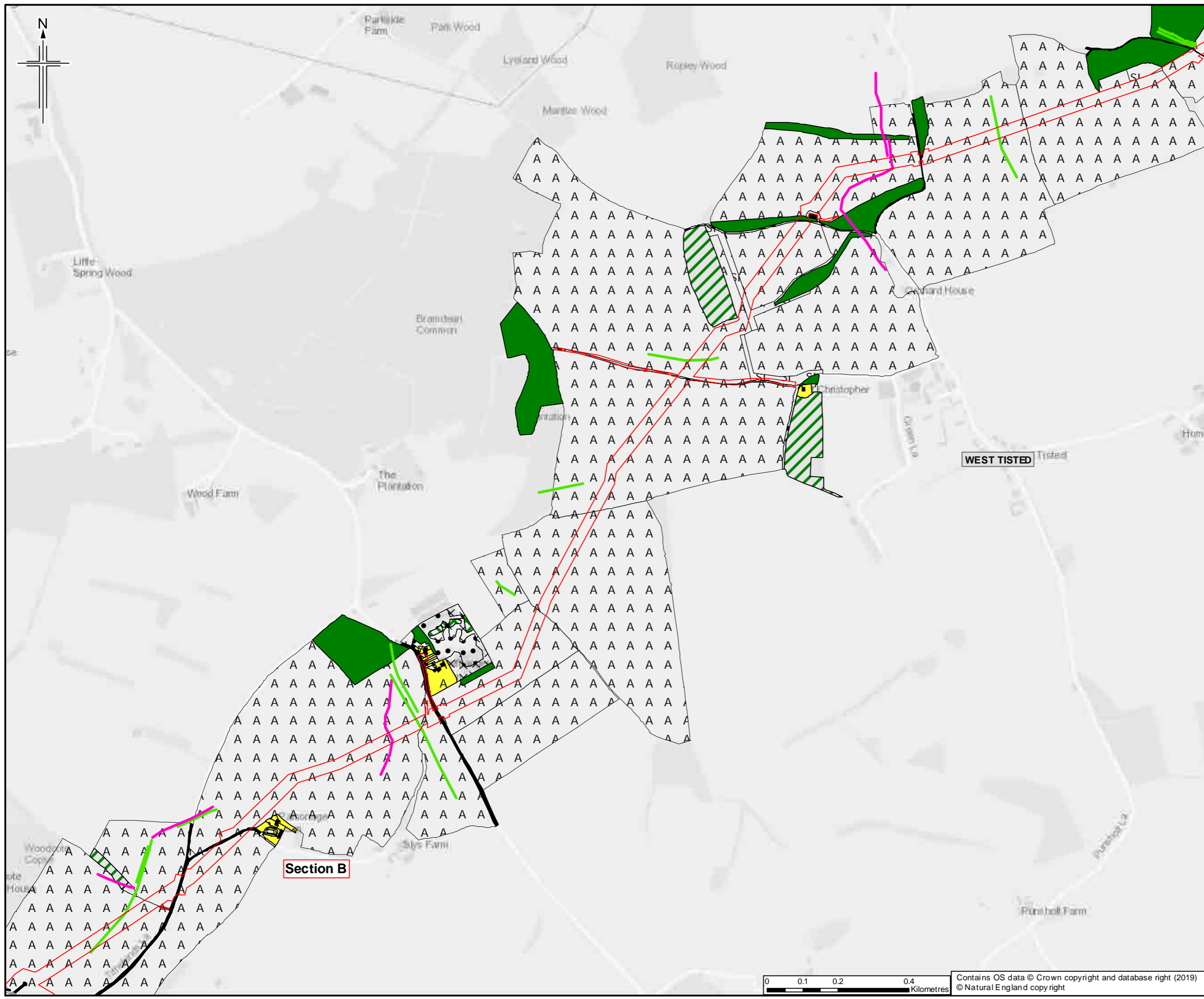
Drawing title  
**ENVIRONMENTAL STATEMENT  
 PHASE 1 HABITAT SURVEY  
 APFP Reg. (2009) 5(2)(l)**

Drawing Status	For Issue	
Scale	1:10,000 @ A3	DO NOT SCALE
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Project Wise No.	B2325300-JAC-000-ENV-DRG-001024	
Drawing number	Figure 7.4 Sheet 7 of 35	Rev 0



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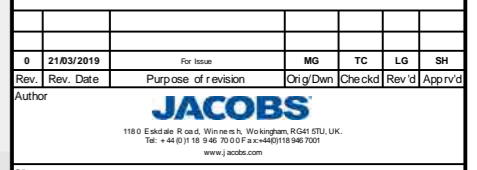


- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Section break
  - Trenchless crossing **TC 003**
  - Hedgerow
  - Important Hedgerow
- For Phase 1 Legend please see sheet 35

Sheet displays part of Section B

8	21/03/2019	For Issue	MG	TC	LG	SH
Rev.	Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Appr'd

Author

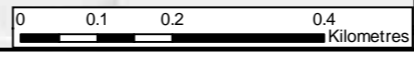


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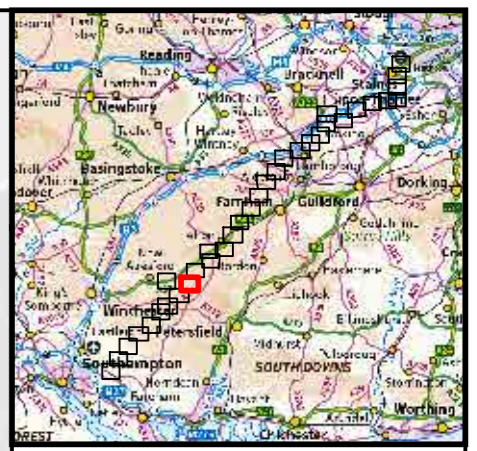
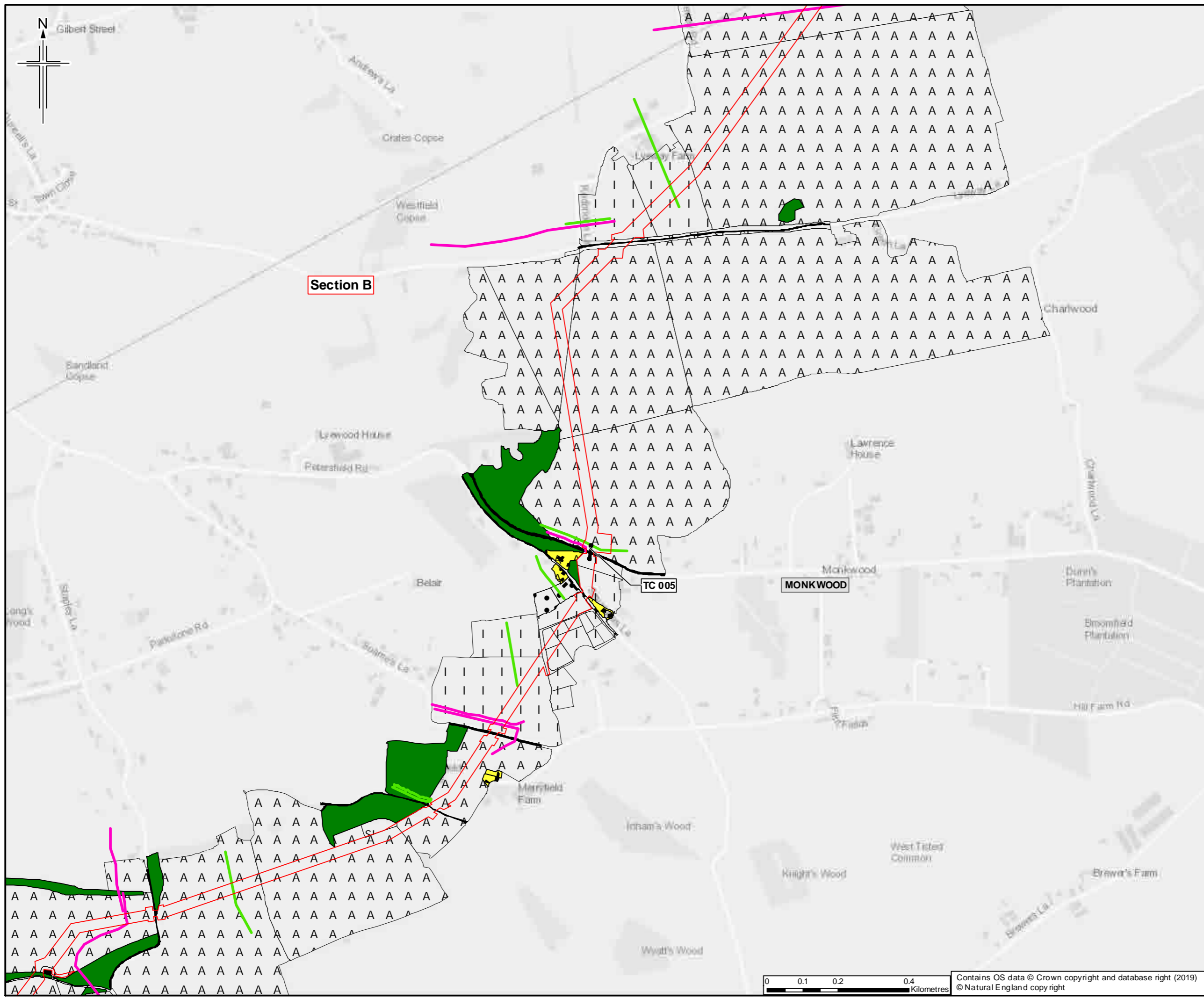


Drawing title  
**ENVIRONMENTAL STATEMENT  
 PHASE 1 HABITAT SURVEY  
 APFP Reg. (2009) 5(2)(l)**

Drawing Status		For Issue	
Scale	1:10,000	@ A3	DO NOT SCALE
Jacobs No.	B2325300		
Project Wise No.	B2325300-JAC-000-ENV-DRG-001024		
Drawing number	Figure 7.4 Sheet 8 of 35		Rev 0



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**Legend**

- Order Limits
- Limits of deviation
- Section break
- Section break
- Trenchless crossing **TC 003**
- Hedgerow
- Important Hedgerow

For Phase 1 Legend please see sheet 35

Sheet displays part of Section B

Rev.	Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Appr'd
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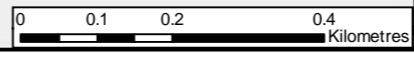
**Project**

Southampton to London Pipeline Project

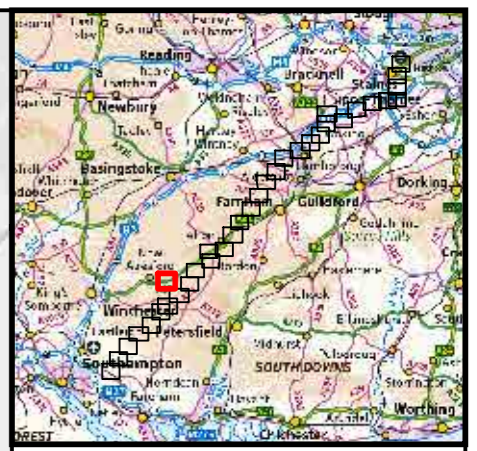
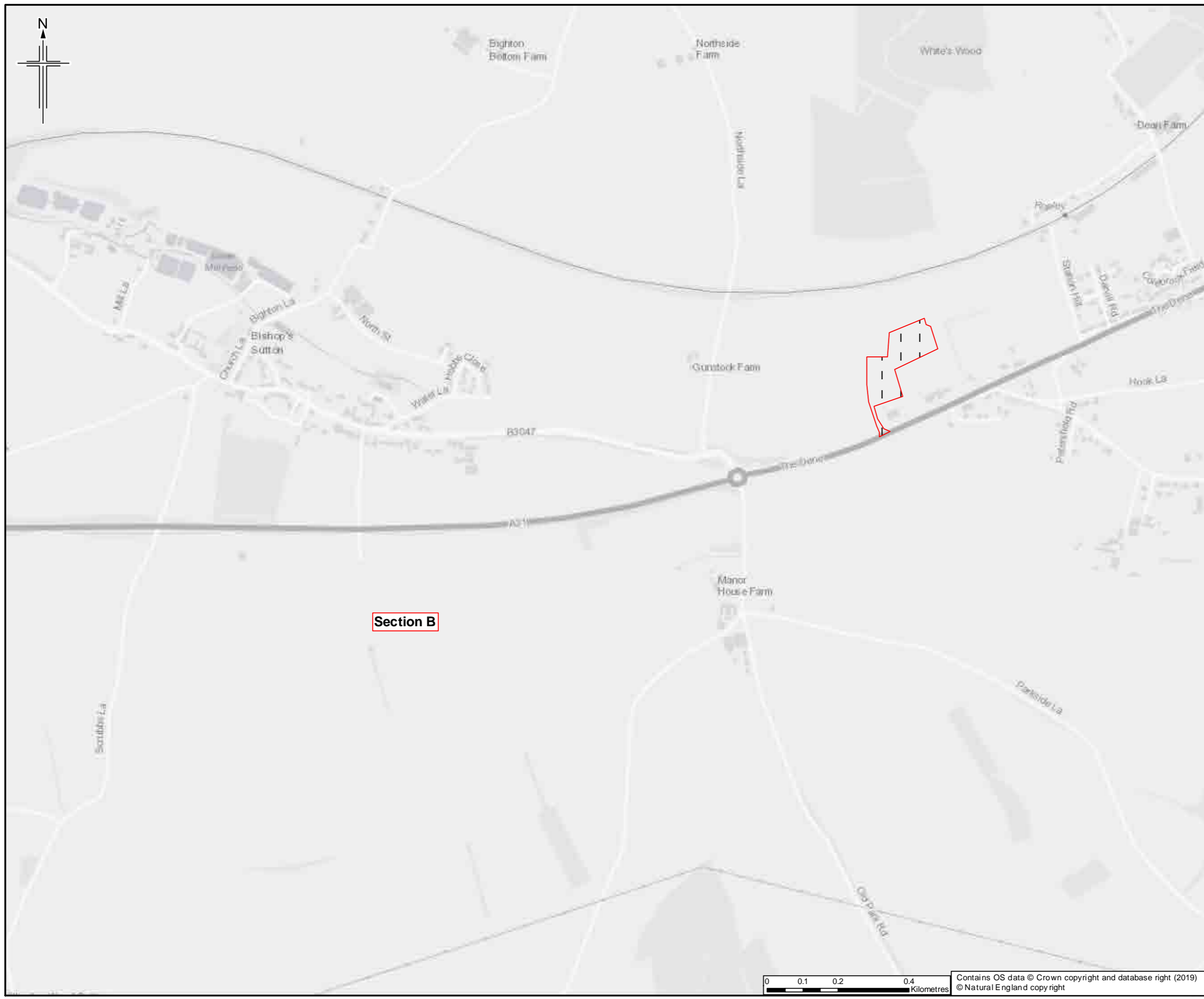
**Drawing title**

**ENVIRONMENTAL STATEMENT  
PHASE 1 HABITAT SURVEY  
APFP Reg. (2009) 5(2)(l)**

<b>Drawing Status</b>		<b>For Issue</b>	
Scale	1:10,000	@ A3	DO NOT SCALE
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Drawing number	Figure 7.4 Sheet 9 of 35		Rev 0



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- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Section break
  - Trenchless crossing **TC 003**
- For Phase 1 Legend please see sheet 35**

Sheet displays part of Section B

0	21/03/2019	For Issue	MG	TC	LG	SH
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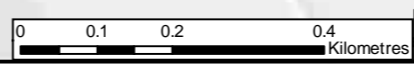
**Project**

Southampton to London Pipeline Project

**Drawing title**

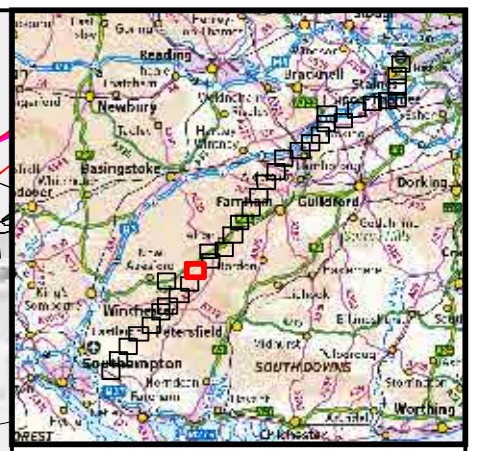
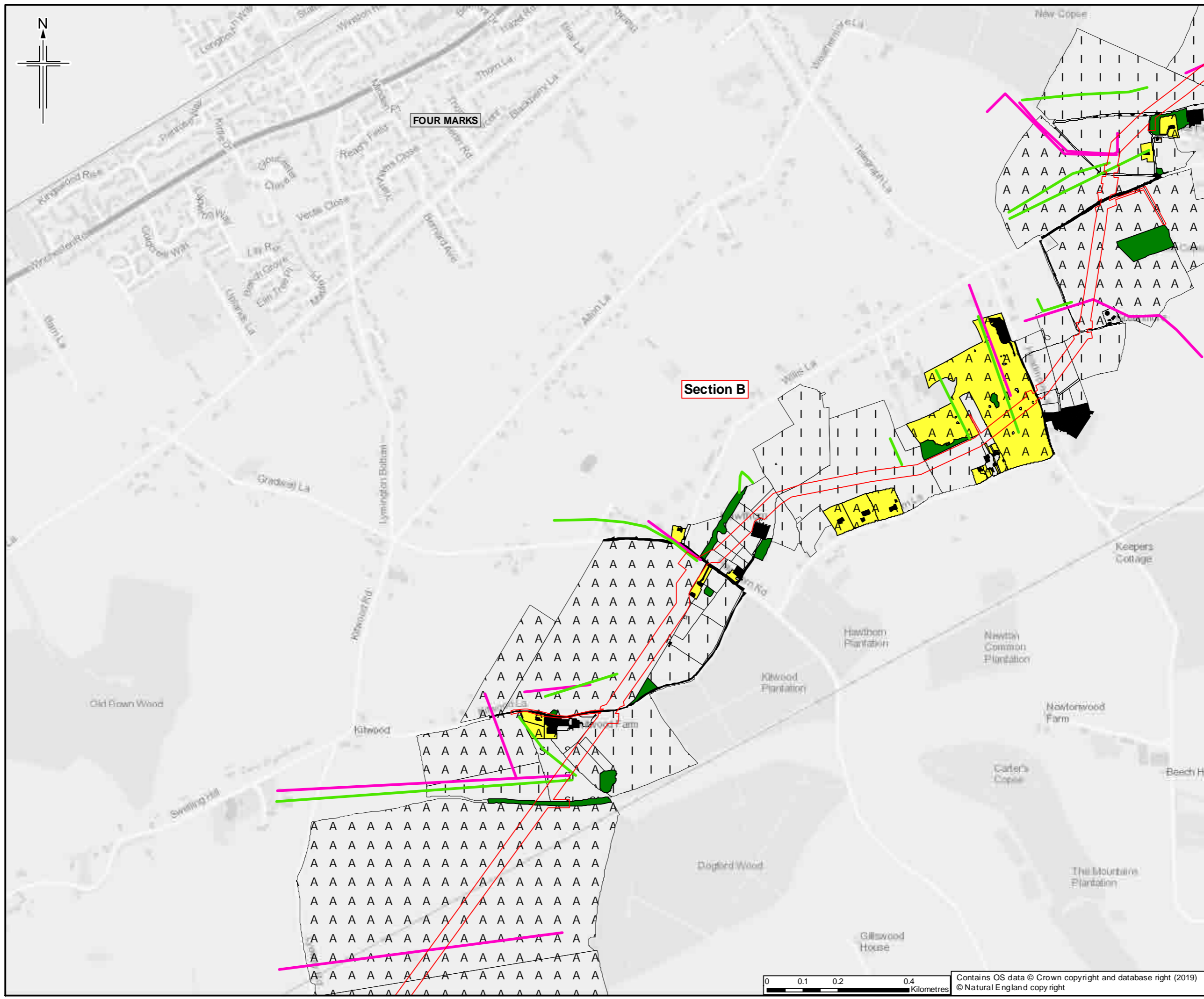
**ENVIRONMENTAL STATEMENT  
 PHASE 1 HABITAT SURVEY  
 APFP Reg. (2009) 5(2)(l)**

Drawing Status	For Issue	
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Drawing number	Figure 7.4 Sheet 10 of 35	Rev 0



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- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Section break
  - Trenchless crossing **TC 003**
  - Hedgerow
  - Important Hedgerow
- For Phase 1 Legend please see sheet 35

Sheet displays part of Section B

Rev.	Rev. Date	Purpose of revision	OrigDwn	Checked	Rev'd	Apprv'd
0	21/03/2019	For Issue				

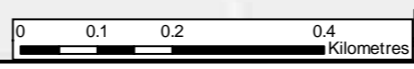


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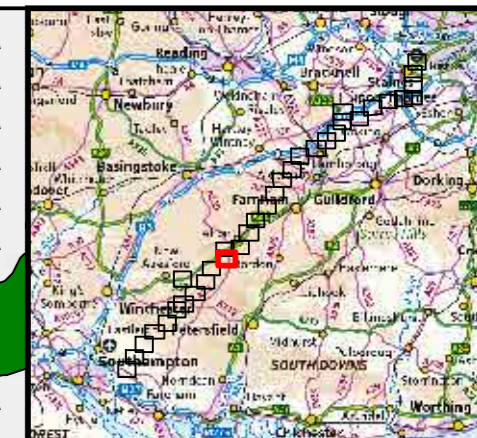
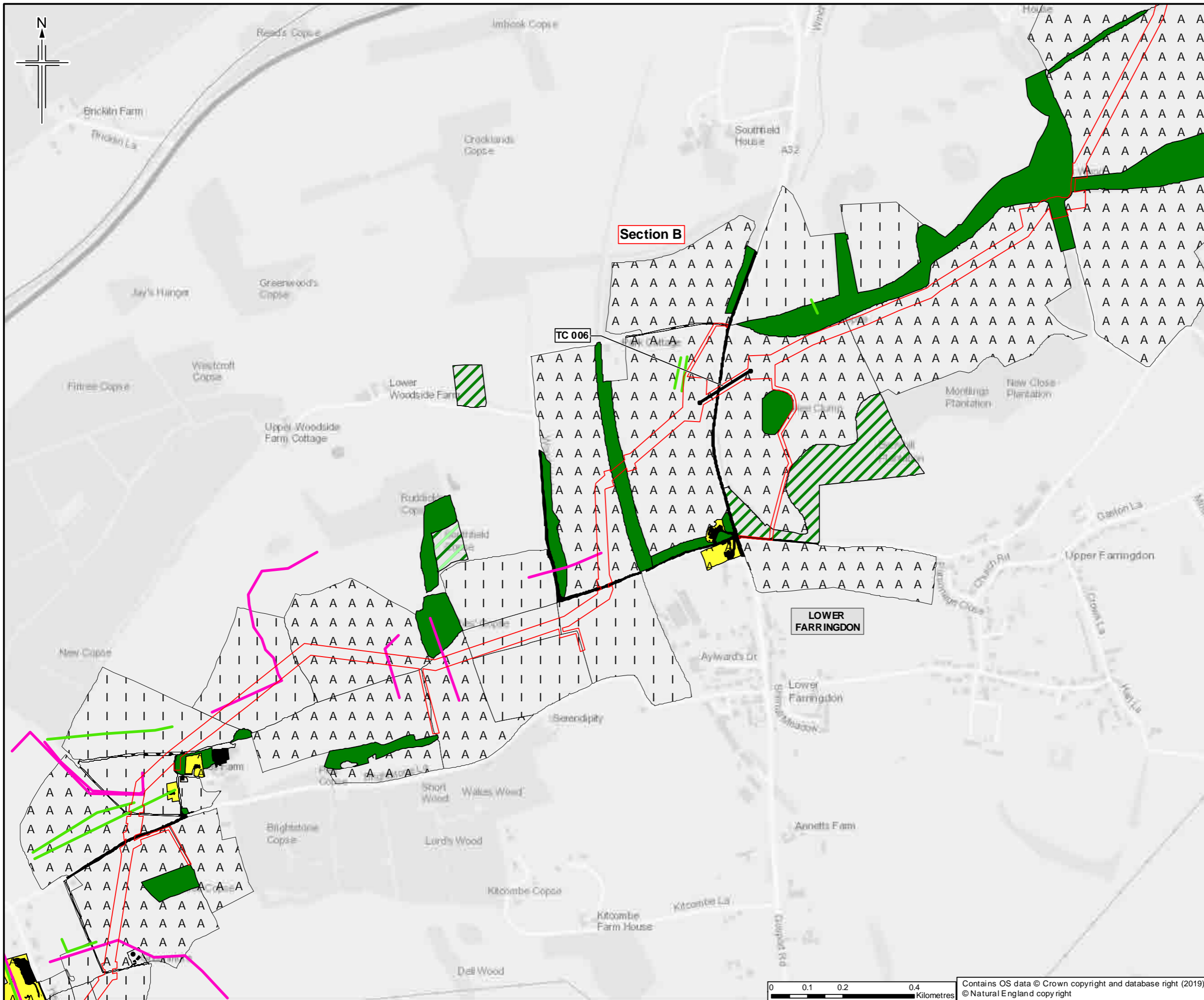


Drawing title  
**ENVIRONMENTAL STATEMENT  
PHASE 1 HABITAT SURVEY  
APFP Reg. (2009) 5(2)(l)**

Drawing Status	For Issue	
Scale	1:10,000 @ A3	DO NOT SCALE
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Drawing number	Figure 7.4 Sheet 11 of 35	Rev 0



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- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Section break
  - Trenchless crossing **TC 003**
  - Hedgerow
  - Important Hedgerow
- For Phase 1 Legend please see sheet 35

Sheet displays part of Section B

0	21/03/2019	For Issue	MG	TC	LG	SH
Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Appr'd



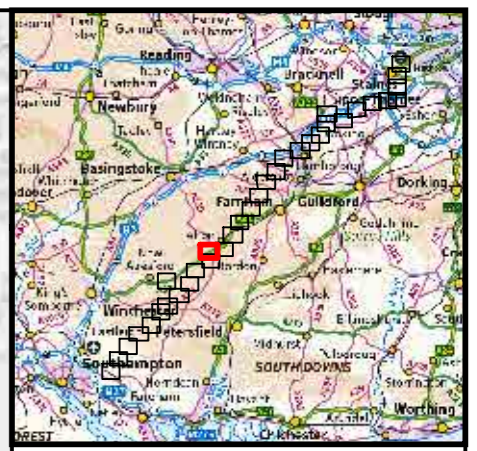
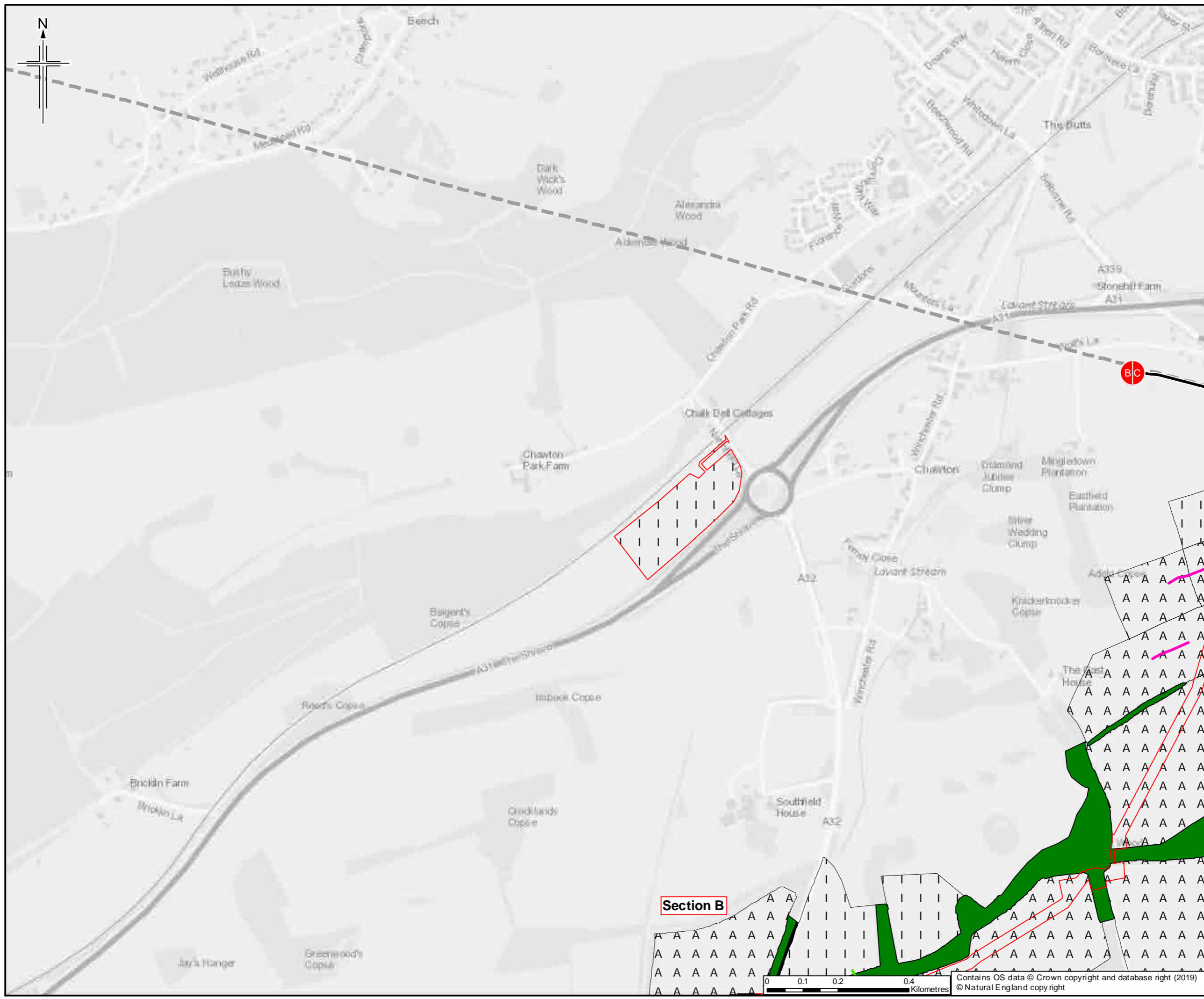
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Drawing title  
**ENVIRONMENTAL STATEMENT  
PHASE 1 HABITAT SURVEY  
APFP Reg. (2009) 5(2)(l)**

Drawing Status	For Issue
Scale	1:10,000 @ A3 DO NOT SCALE
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Rev	0

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- Order Limits
  - Limits of deviation
  - Section break
  - Section break
  - Trenchless crossing TC 003
  - Hedgerow
  - Important Hedgerow
- For Phase 1 Legend please see sheet 35

Sheet displays part of Section B

Rev.	Rev. Date	Purpose of revision	OrigDwn	Checked	Rev'd	Apprv'd
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Project

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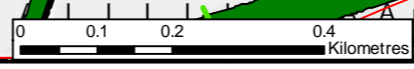
Drawing title

**ENVIRONMENTAL STATEMENT  
PHASE 1 HABITAT SURVEY  
APFP Reg. (2009) 5(2)(l)**

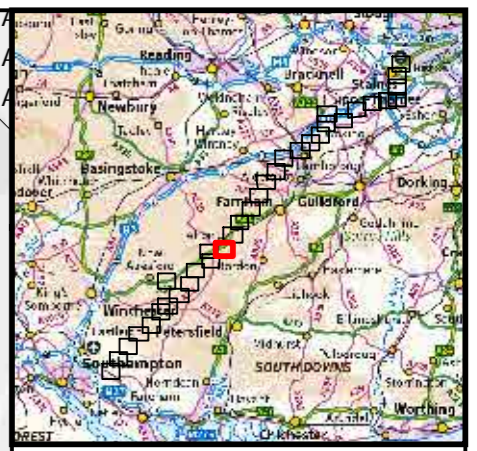
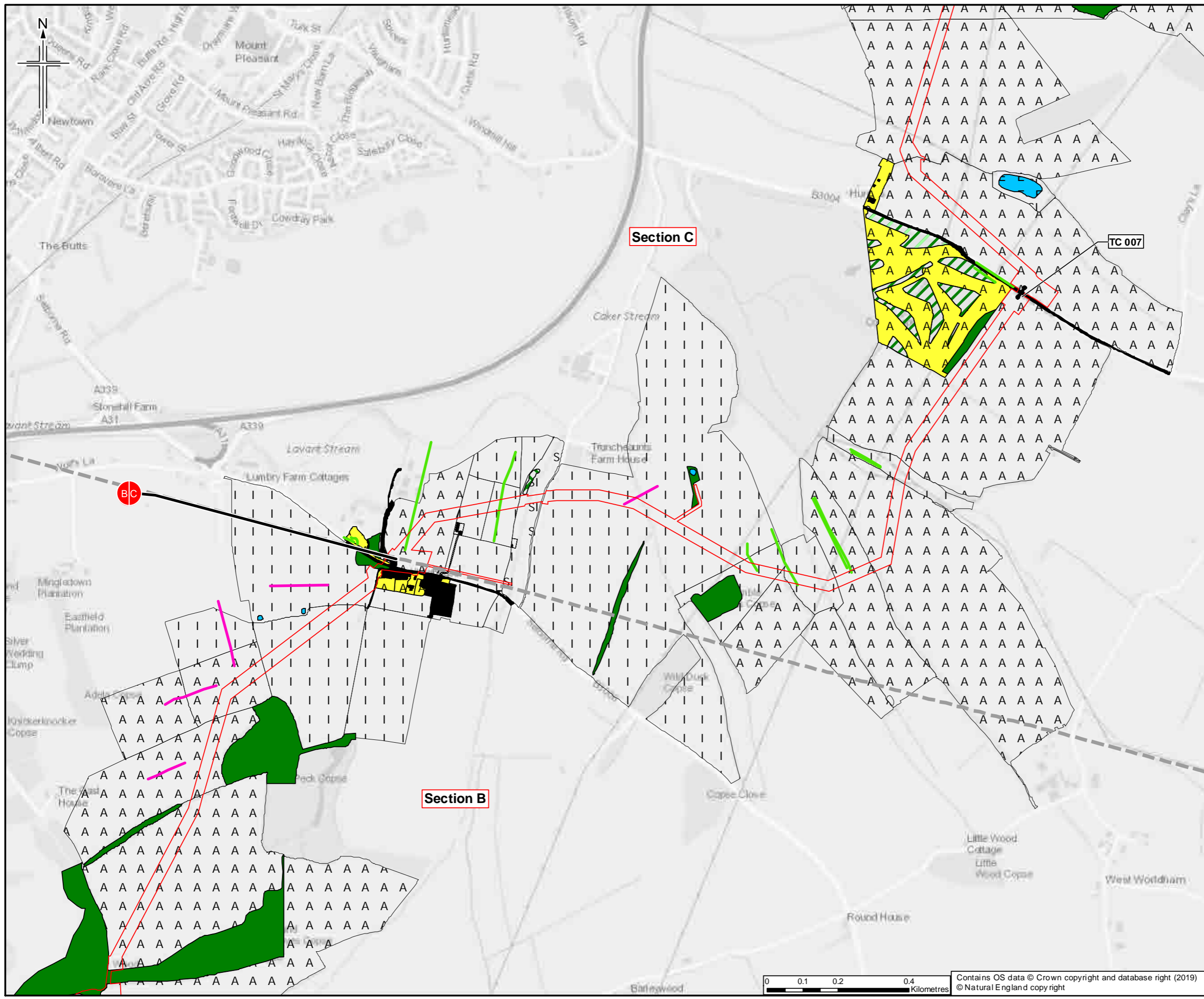
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Jacobs No.	B2325300	
Project Wise No.	B2325300-JAC-000-ENV-DRG-001024	
Drawing number	Figure 7.4 Sheet 13 of 35	Rev 0

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  - Section break
  - Section break
  - Trenchless crossing **TC 003**
  - Hedgerow
  - Important Hedgerow
- For Phase 1 Legend please see sheet 35

Sheet displays parts of Section B and Section C

0	21/03/2019	For Issue	MG	TC	LG	SH
Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Apprv'd

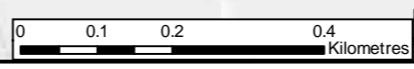


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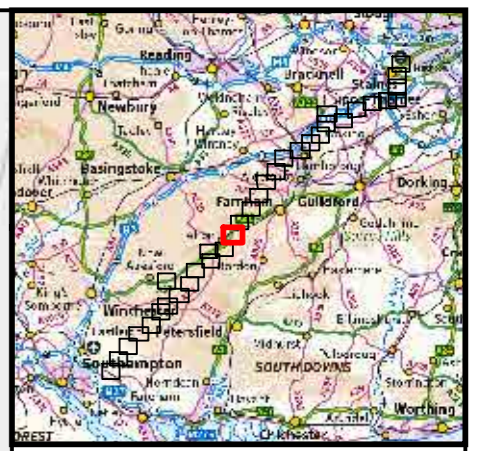
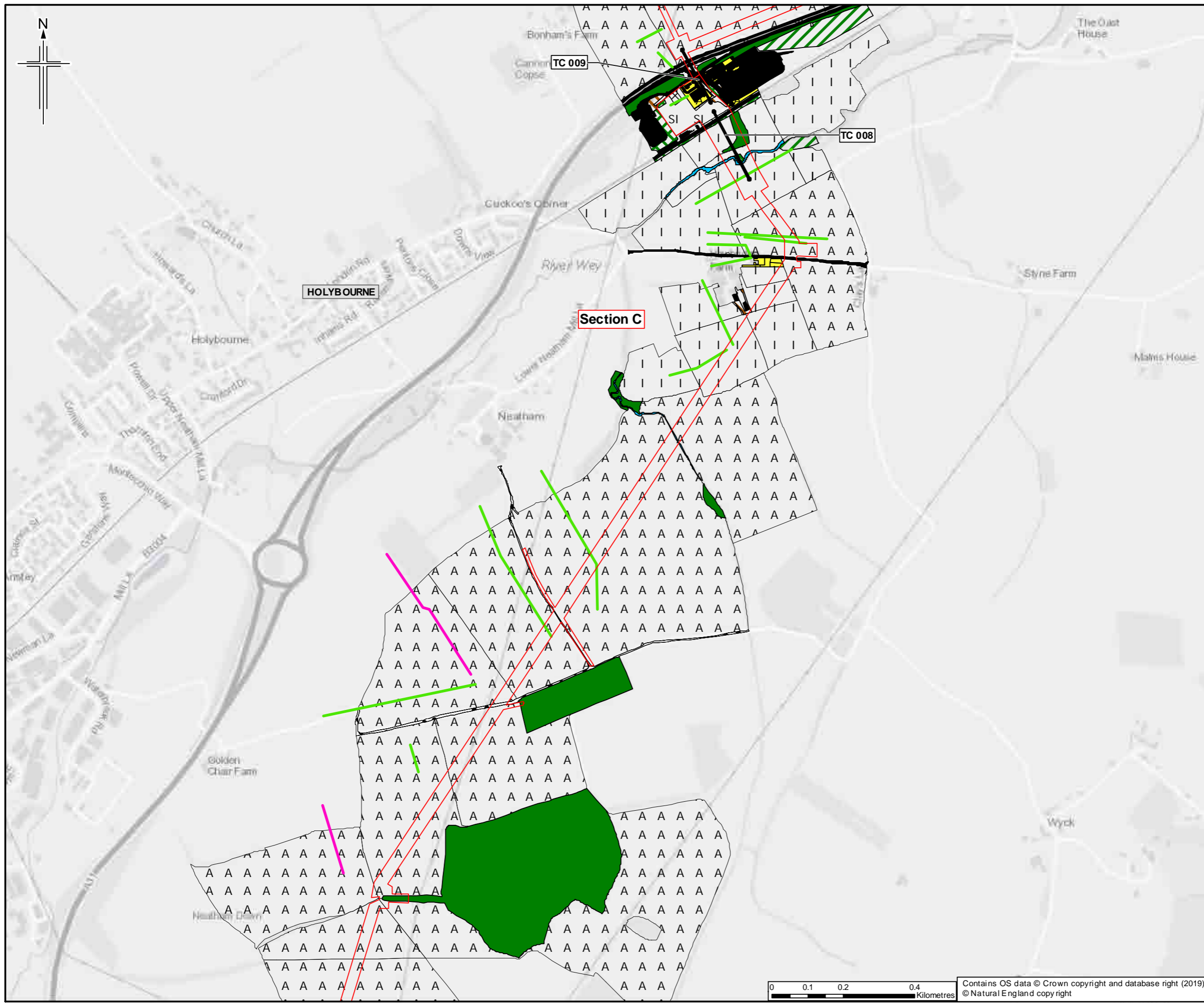
Drawing title  
**ENVIRONMENTAL STATEMENT  
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APFP Reg. (2009) 5(2)(l)**

Drawing Status	For Issue	
Scale	1:10,000 @ A3	DO NOT SCALE
Jacobs No.	B2325300	
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Drawing number	Figure 7.4 Sheet 14 of 35	Rev 0



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- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Section break
  - Trenchless crossing **TC 003**
  - Hedgerow
  - Important Hedgerow
- For Phase 1 Legend please see sheet 35

Sheet displays part of Section C

Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Apprv'd
0	21/03/2019	For Issue	MG	TC	LG	SH

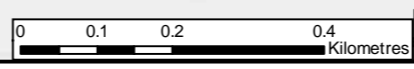


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Drawing title  
**ENVIRONMENTAL STATEMENT  
PHASE 1 HABITAT SURVEY  
APFP Reg. (2009) 5(2)(l)**

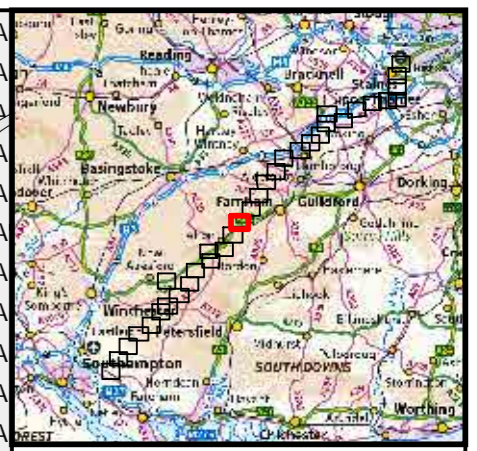
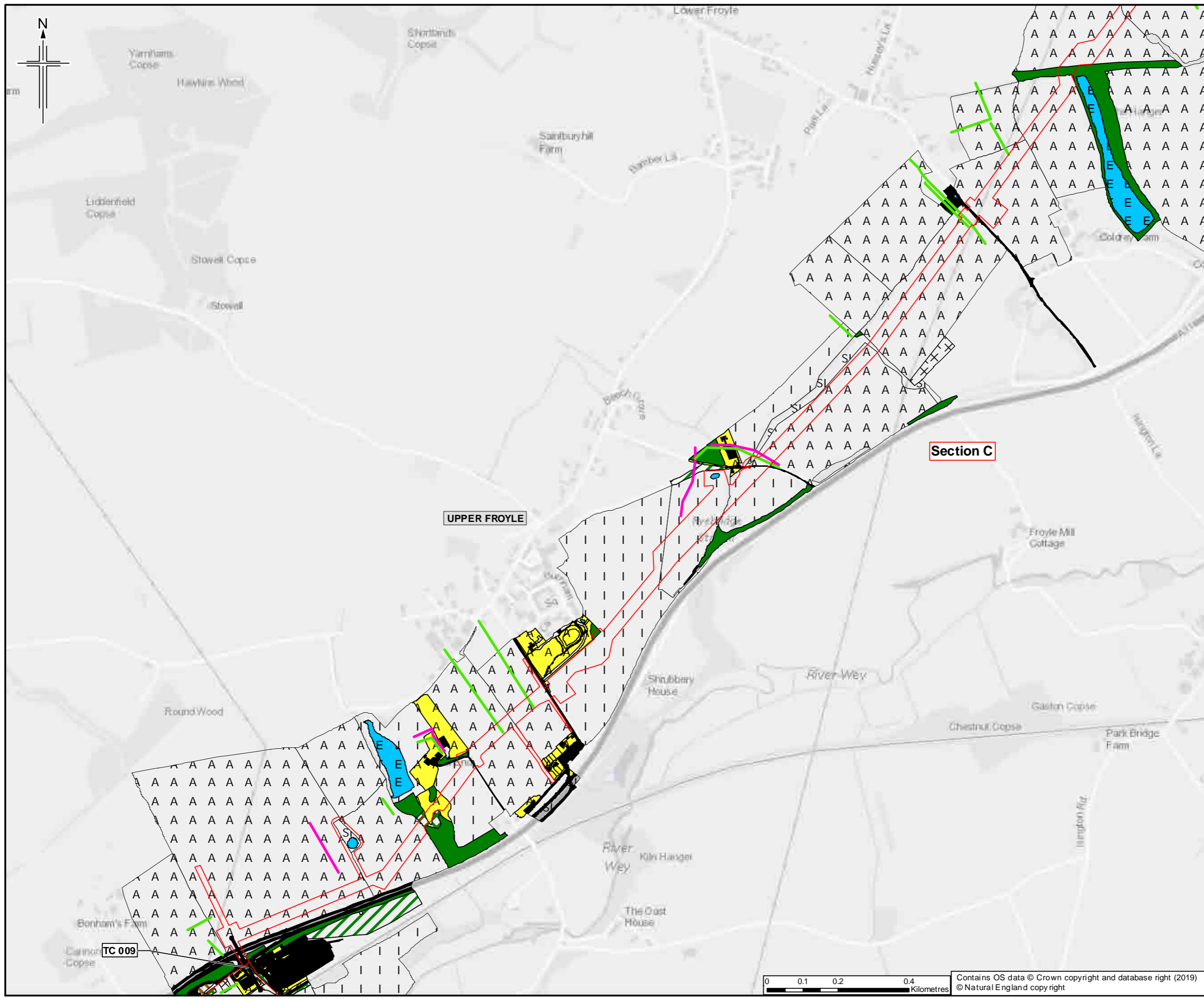
Drawing Status	For Issue	
Scale	1:10,000 @ A3	DO NOT SCALE
Jacobs No.	B2325300	
Project/Work No.	B2325300-JAC-000-ENV-DRG-001024	
Drawing number	Figure 7.4 Sheet 15 of 35	Rev 0



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- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Section break
  - Trenchless crossing TC 003
  - Hedgerow
  - Important Hedgerow
- For Phase 1 Legend please see sheet 35

Sheet displays part of Section C

Rev.	Date	Purpose of revision	OrigDwn	Checked	Rev'd	Appr'd
0	21/03/2019	For Issue				

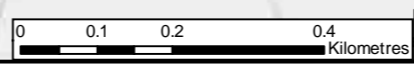


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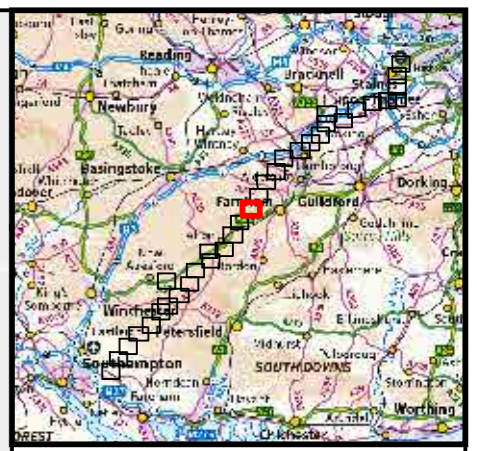
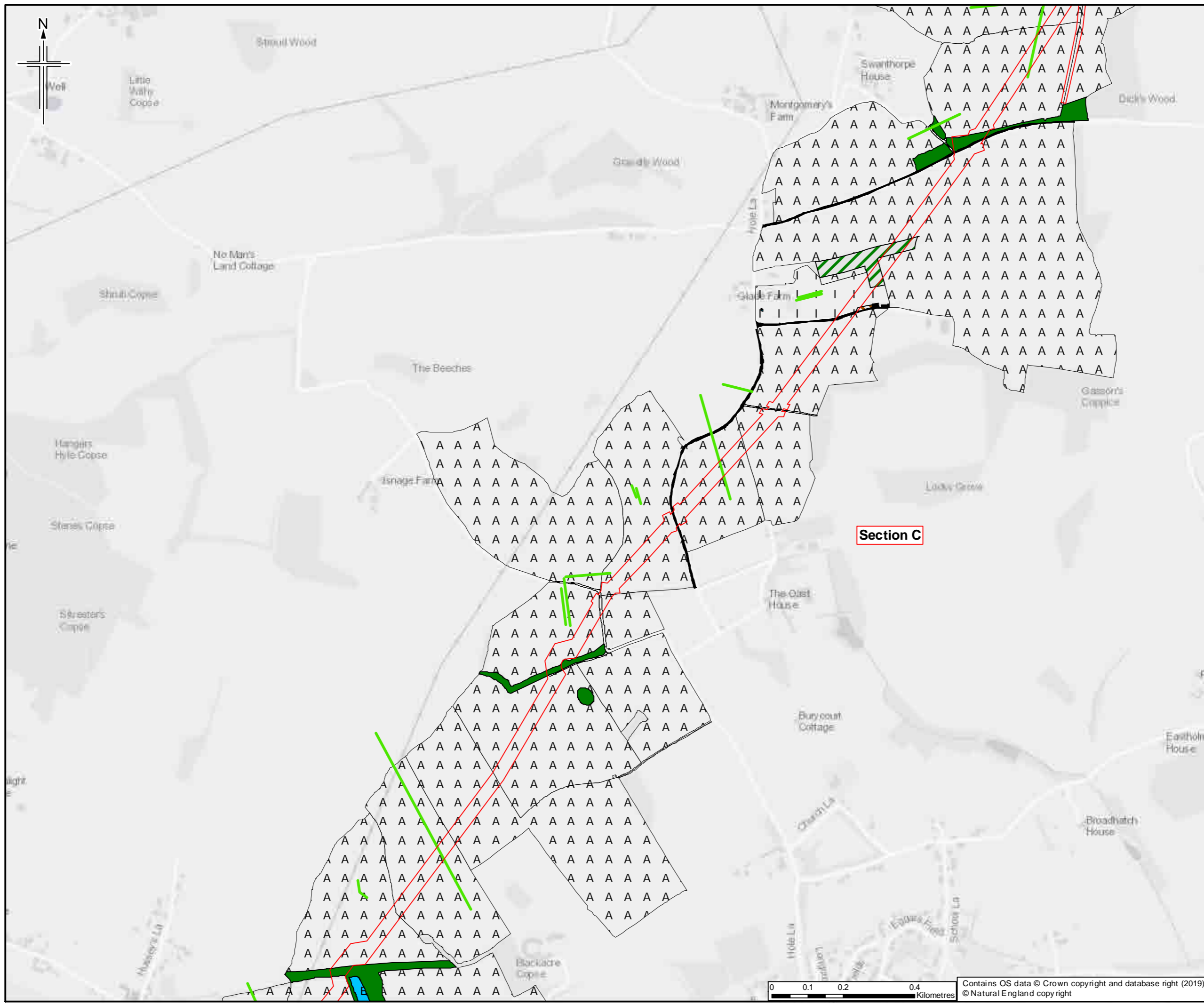


Drawing title  
**ENVIRONMENTAL STATEMENT  
PHASE 1 HABITAT SURVEY  
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- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Section break
  - Trenchless crossing **TC 003**
  - Hedgerow
- For Phase 1 Legend please see sheet 35

**Section C**

Sheet displays part of Section C

Rev.	Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Apprv'd
0	21/03/2019	For Issue	MG	TC	LG	SH

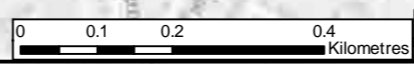


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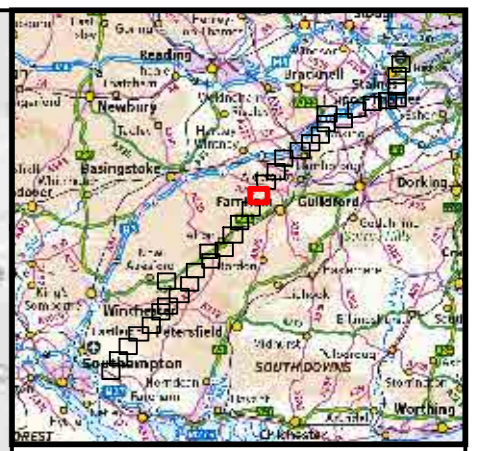
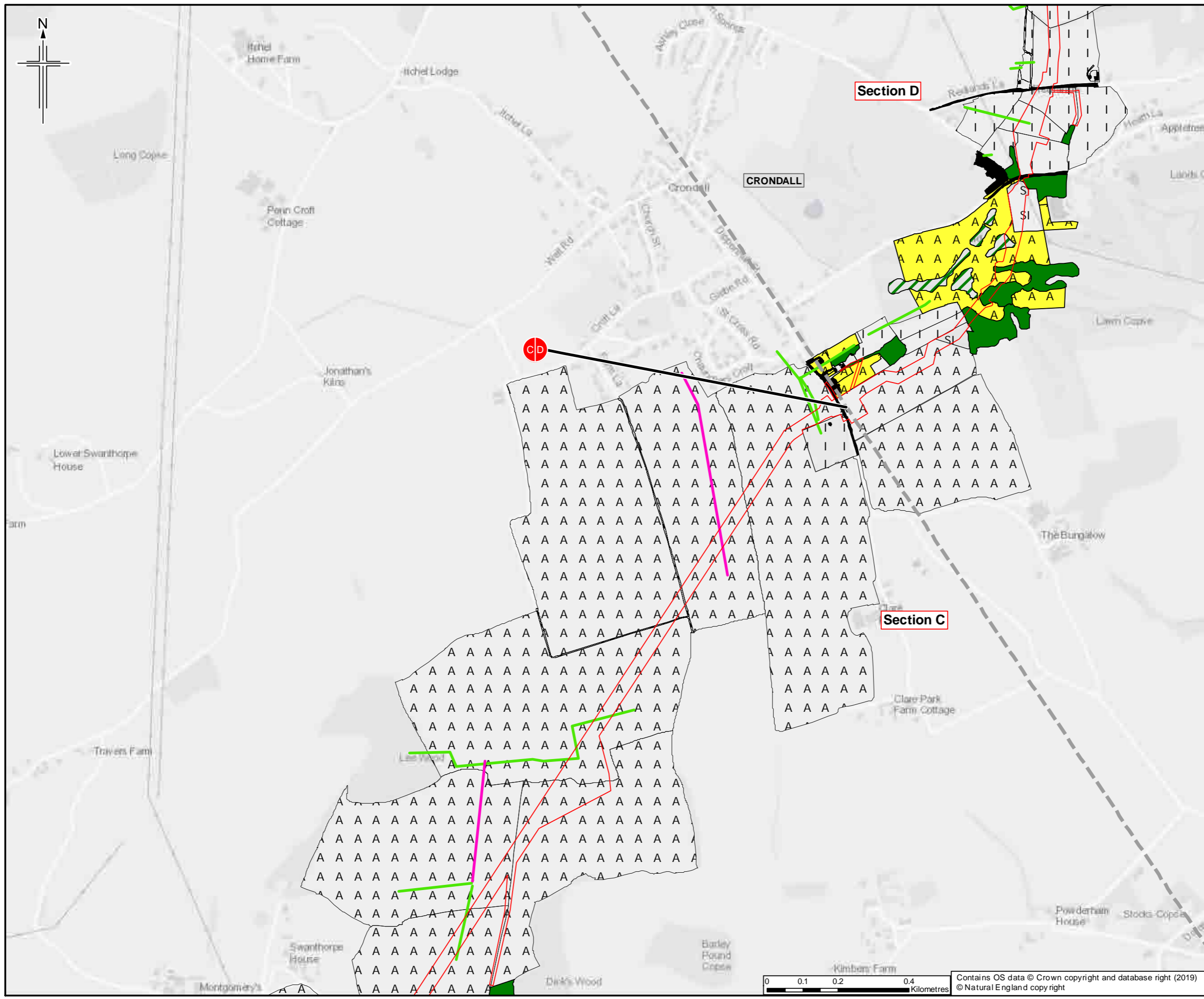
Drawing title  
**ENVIRONMENTAL STATEMENT  
 PHASE 1 HABITAT SURVEY  
 APFP Reg. (2009) 5(2)(l)**

Drawing Status	For Issue	
Scale	1:10,000 @ A3	DO NOT SCALE
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**Legend**

- Order Limits
- Limits of deviation
- Section break
- Section break
- Trenchless crossing **TC 003**
- Hedgerow
- Important Hedgerow

For Phase 1 Legend please see sheet 35

Sheet displays parts of Section C and Section D

Rev.	Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Appr'd
0	21/03/2019	For Issue	MG	TC	LG	SH

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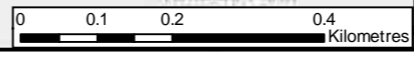
Southampton to London Pipeline Project

Drawing title

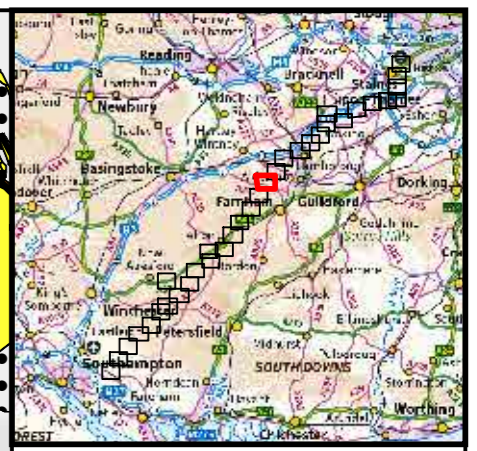
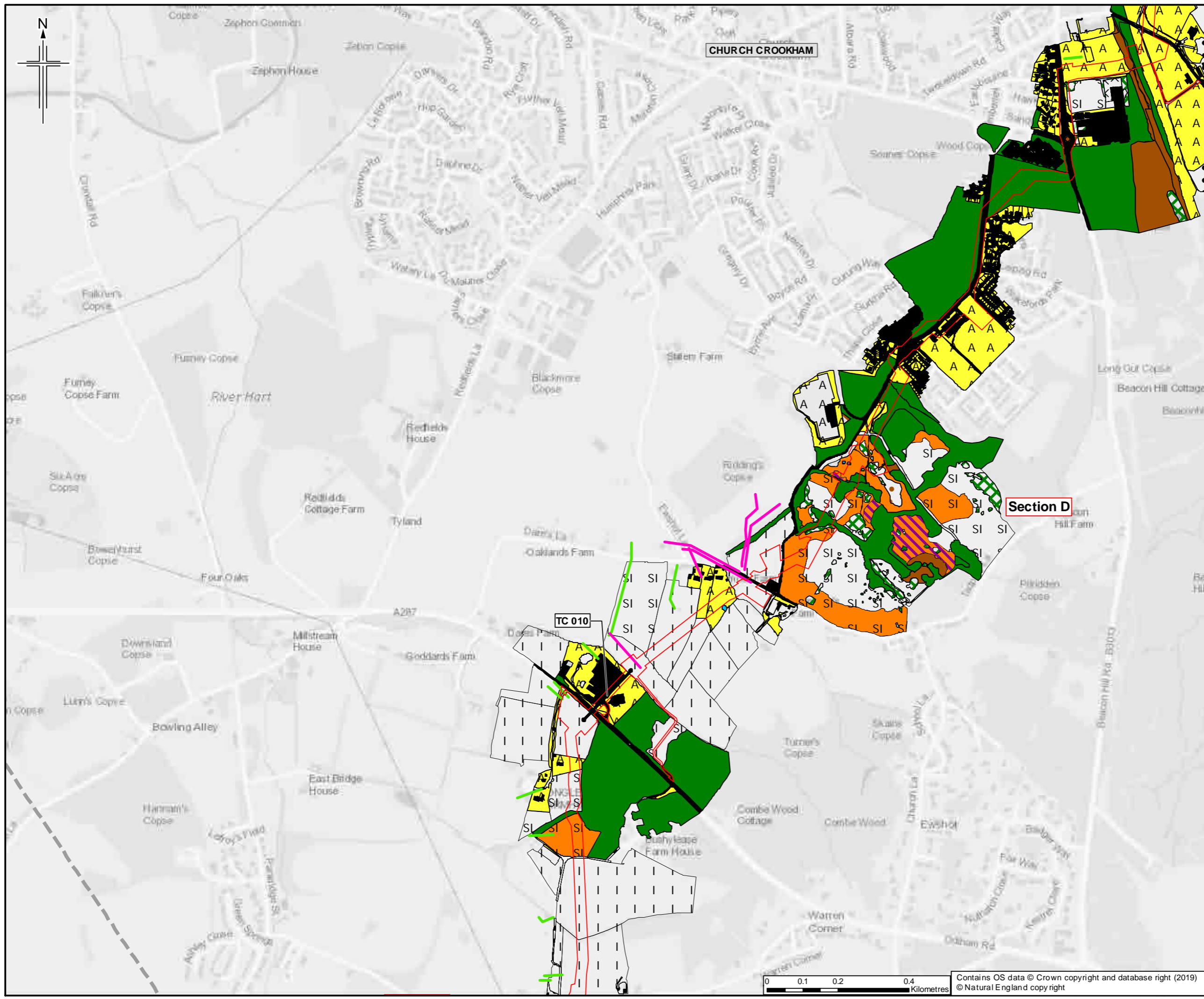
**ENVIRONMENTAL STATEMENT  
PHASE 1 HABITAT SURVEY  
APFP Reg. (2009) 5(2)(l)**

Drawing Status	For Issue	
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ProjectWise No.	B2325300-JAC-000-ENV-DRG-001024	
Drawing number	Figure 7.4 Sheet 18 of 35	Rev 0

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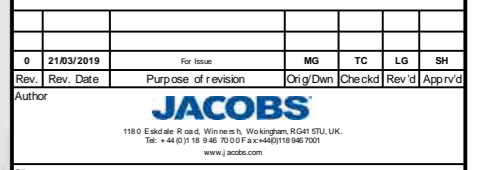
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- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Section break
  - Trenchless crossing **TC 003**
  - Hedgerow
  - Important Hedgerow
- For Phase 1 Legend please see sheet 35

Sheet displays part of Section D

Rev.	Rev. Date	Purpose of revision	OrigDwn	Checked	Rev'd	Appr'd
0	21/03/2019	For Issue	MG	TC	LG	SH

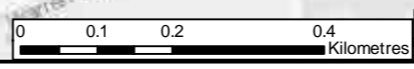


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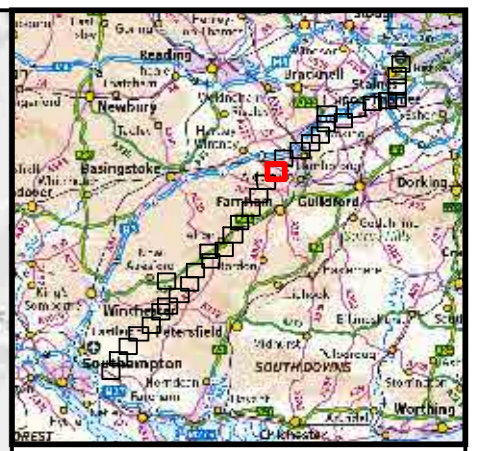
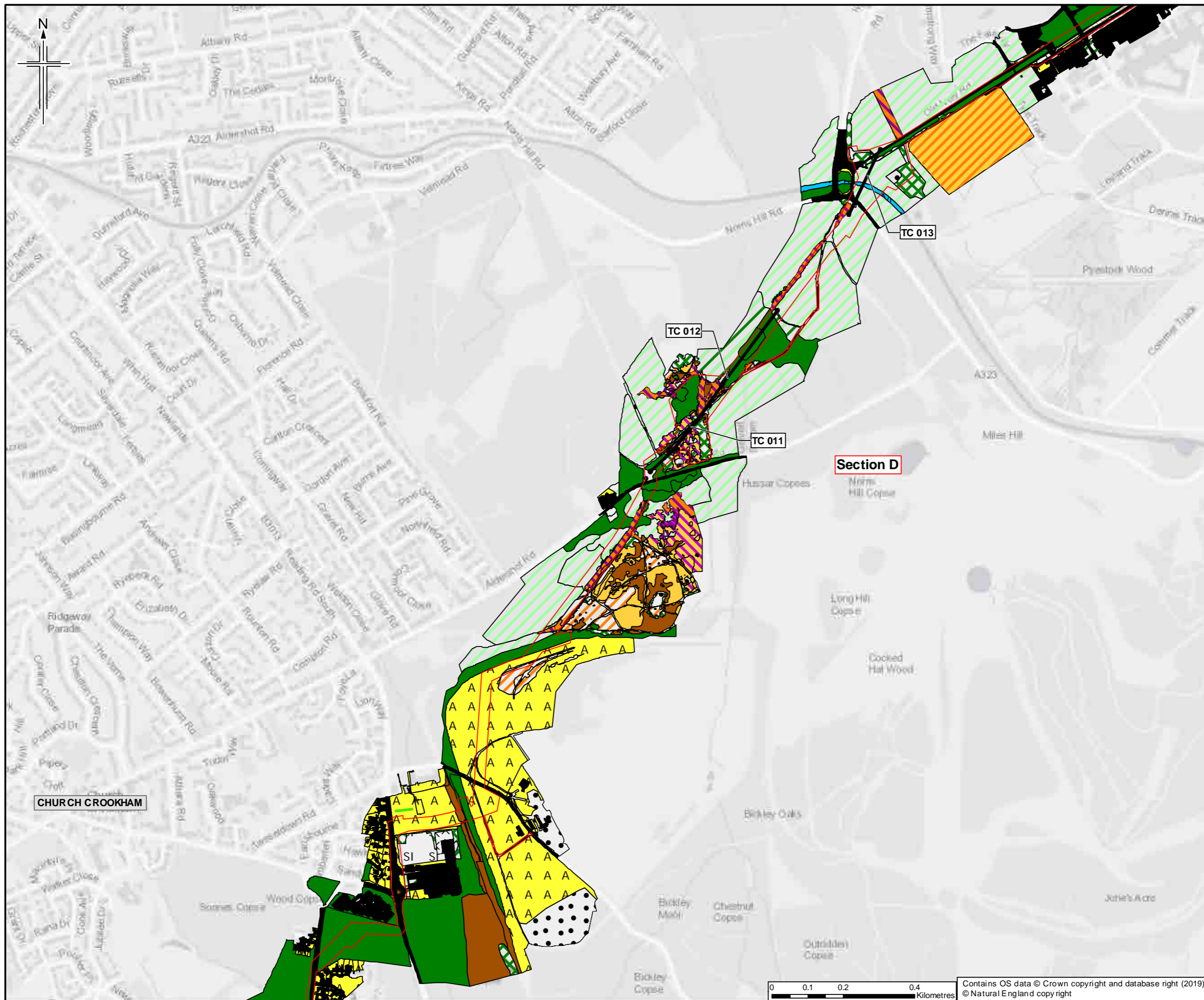


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**ENVIRONMENTAL STATEMENT  
PHASE 1 HABITAT SURVEY  
APFP Reg. (2009) 5(2)(l)**

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Scale	1:10,000 @ A3	DO NOT SCALE
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- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Section break
  - Trenchless crossing **TC 003**
  - Hedgerow
- For Phase 1 Legend please see sheet 35

Sheet displays part of Section D

0	21/03/2019	For Issue	MG	TC	LG	SH
Rev.	Rev. Date	Purpose of revision	OrigDwn	Checked	Rev'd	Apprv'd

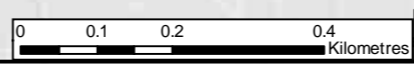


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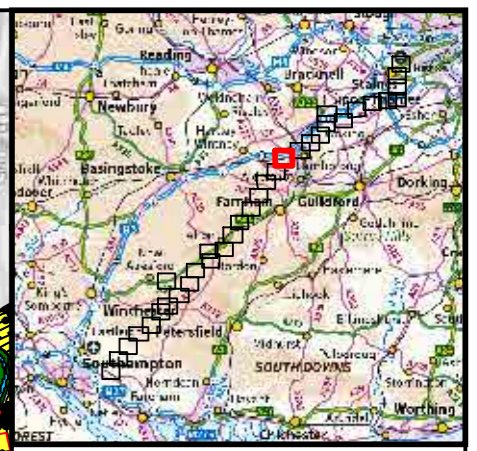
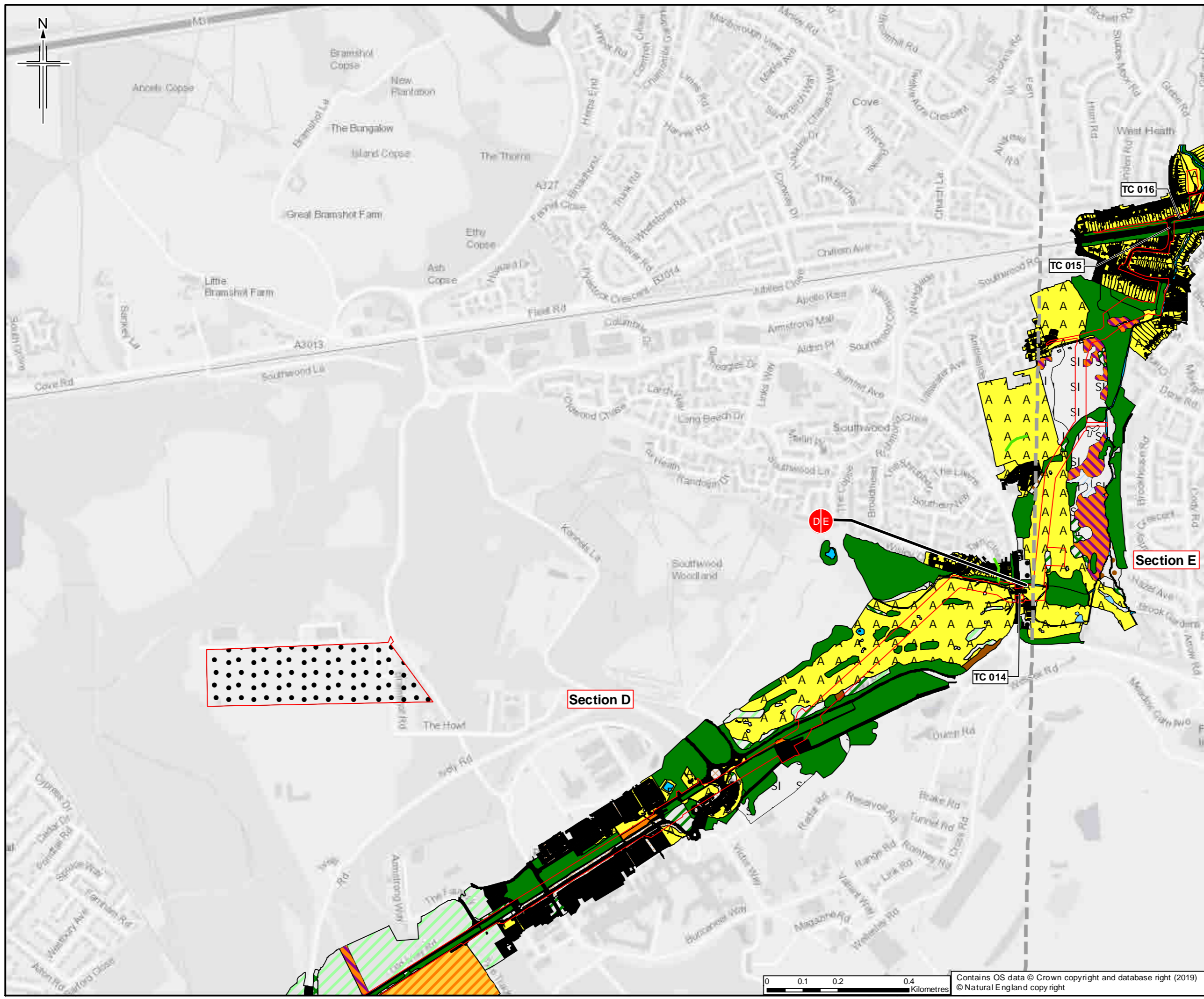
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ENVIRONMENTAL STATEMENT  
PHASE 1 HABITAT SURVEY  
APFP Reg. (2009) 5(2)(I)

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Scale	1:10,000 @ A3	DO NOT SCALE
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- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Section break
  - Trenchless crossing TC 003
  - Hedgerow
- For Phase 1 Legend please see sheet 35

Sheet displays parts of Section D and Section E

Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Appr'd
0	21/03/2019	For Issue	MG	TC	LG	SH

Author

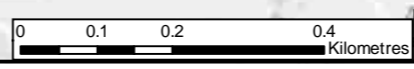
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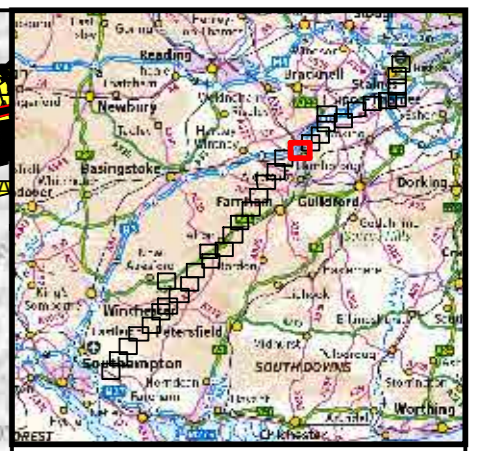


Drawing title  
**ENVIRONMENTAL STATEMENT  
PHASE 1 HABITAT SURVEY  
APFP Reg. (2009) 5(2)(l)**

Drawing Status: For Issue  
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Jacobs No.: B2325300  
Project Wise No.: B2325300-JAC-000-ENV-DRG-001024  
Drawing number: Figure 7.4 Sheet 21 of 35 Rev 0



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- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Section break
  - Trenchless crossing **TC 003**
  - Hedgerow
- For Phase 1 Legend please see sheet 35

Sheet displays part of Section E

Rev.	Date	Purpose of revision	OrigDwn	Checked	Rev'd	Apprv'd
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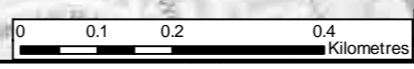


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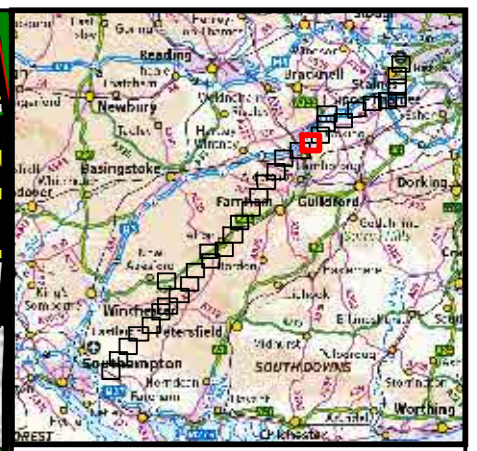
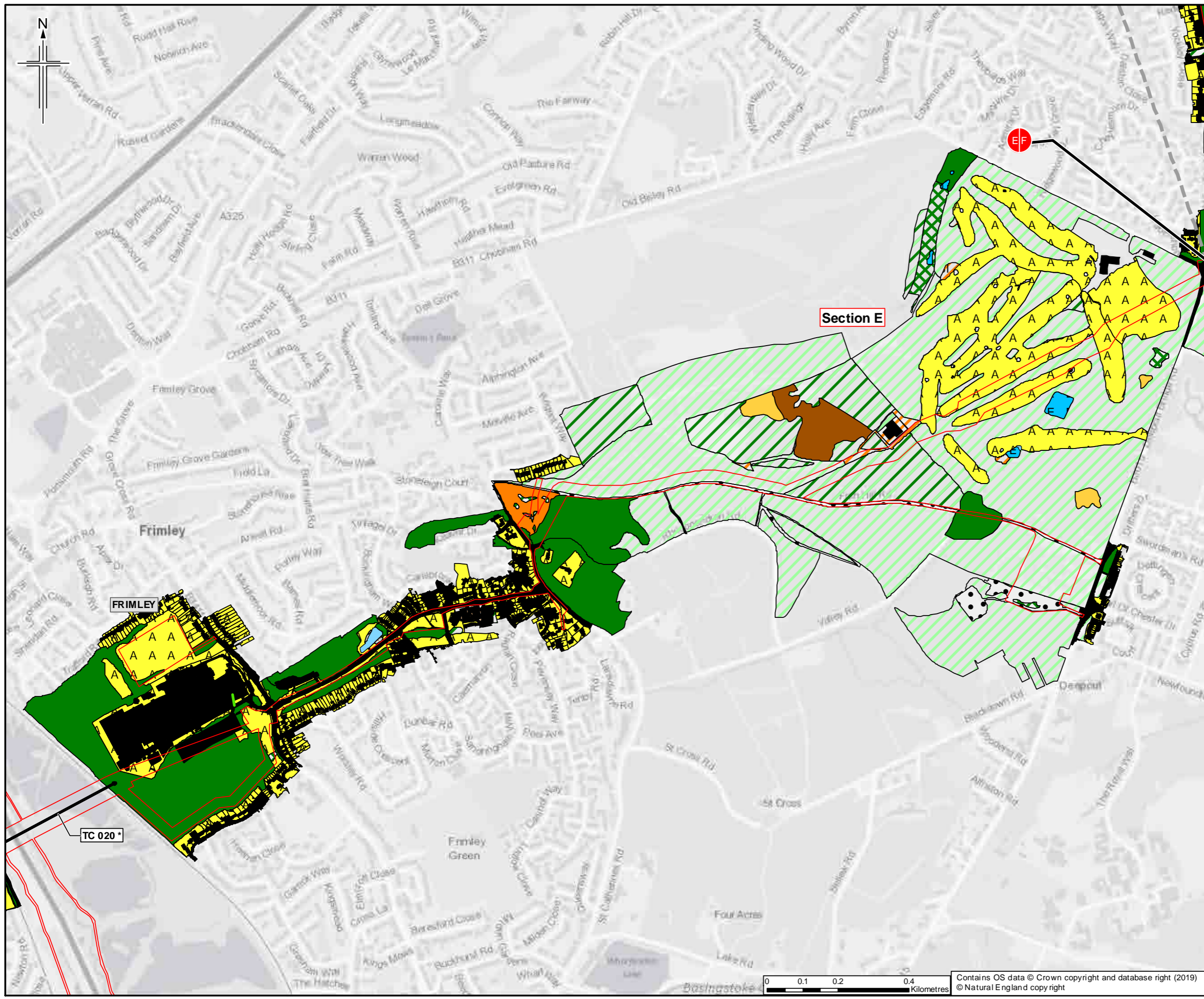


Drawing title  
**ENVIRONMENTAL STATEMENT  
PHASE 1 HABITAT SURVEY  
APFP Reg. (2009) 5(2)(l)**

Drawing Status	For Issue	
Scale	1:10,000 @ A3	DO NOT SCALE
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Project/Work No.	B2325300-JAC-000-ENV-DRG-001024	
Drawing number	Figure 7.4 Sheet 22 of 35	Rev 0



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**Legend**

- Order Limits
- Limits of deviation
- Section break
- Section break
- Trenchless crossing **TC 003**
- Hedgerow

For Phase 1 Legend please see sheet 35

Sheet displays part of Section E

Rev.	Date	Purpose of revision	OrigDwn	Checked	Rev'd	Apprv'd
0	21/03/2019	For Issue	MG	TC	LG	SH

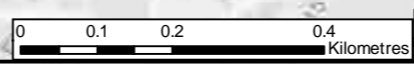


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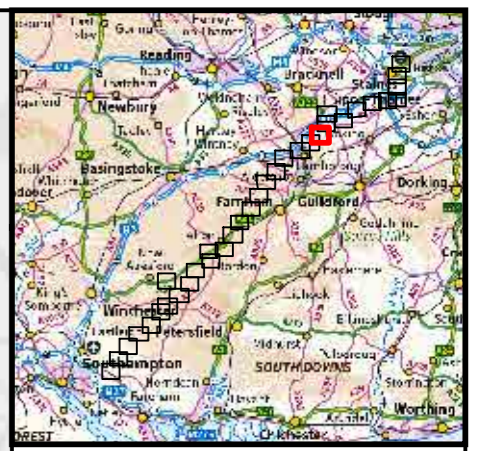
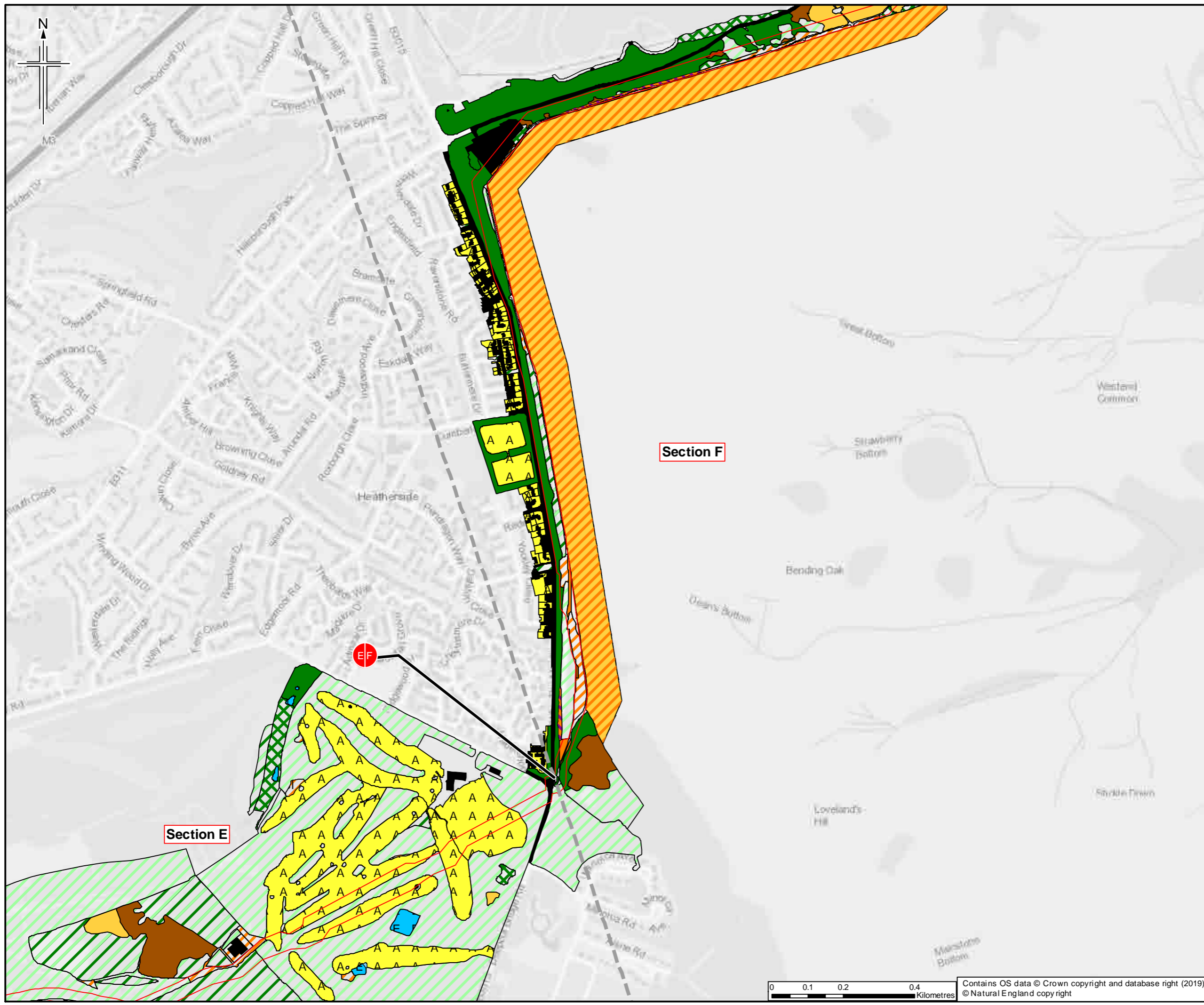
Drawing title  
**ENVIRONMENTAL STATEMENT  
PHASE 1 HABITAT SURVEY  
APFP Reg. (2009) 5(2)(l)**

Drawing Status	For Issue	
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- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Section break
  - Trenchless crossing **TC 003**
- For Phase 1 Legend please see sheet 35**

**Section F**

**Section E**

Sheet displays parts of Section E and Section F

Rev.	Date	Purpose of revision	OrigDwn	Checked	Rev'd	Appr'd
0	21/03/2019	For Issue	MG	TC	LG	SH

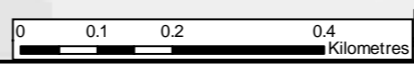


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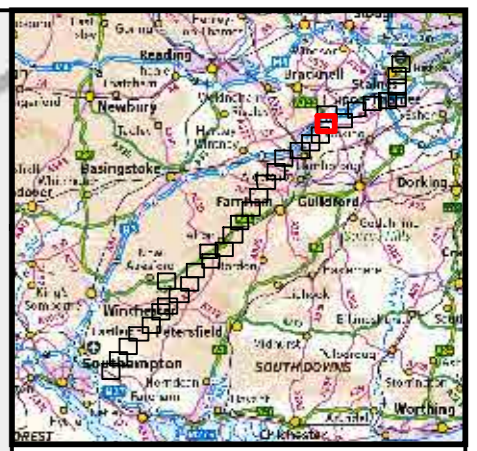
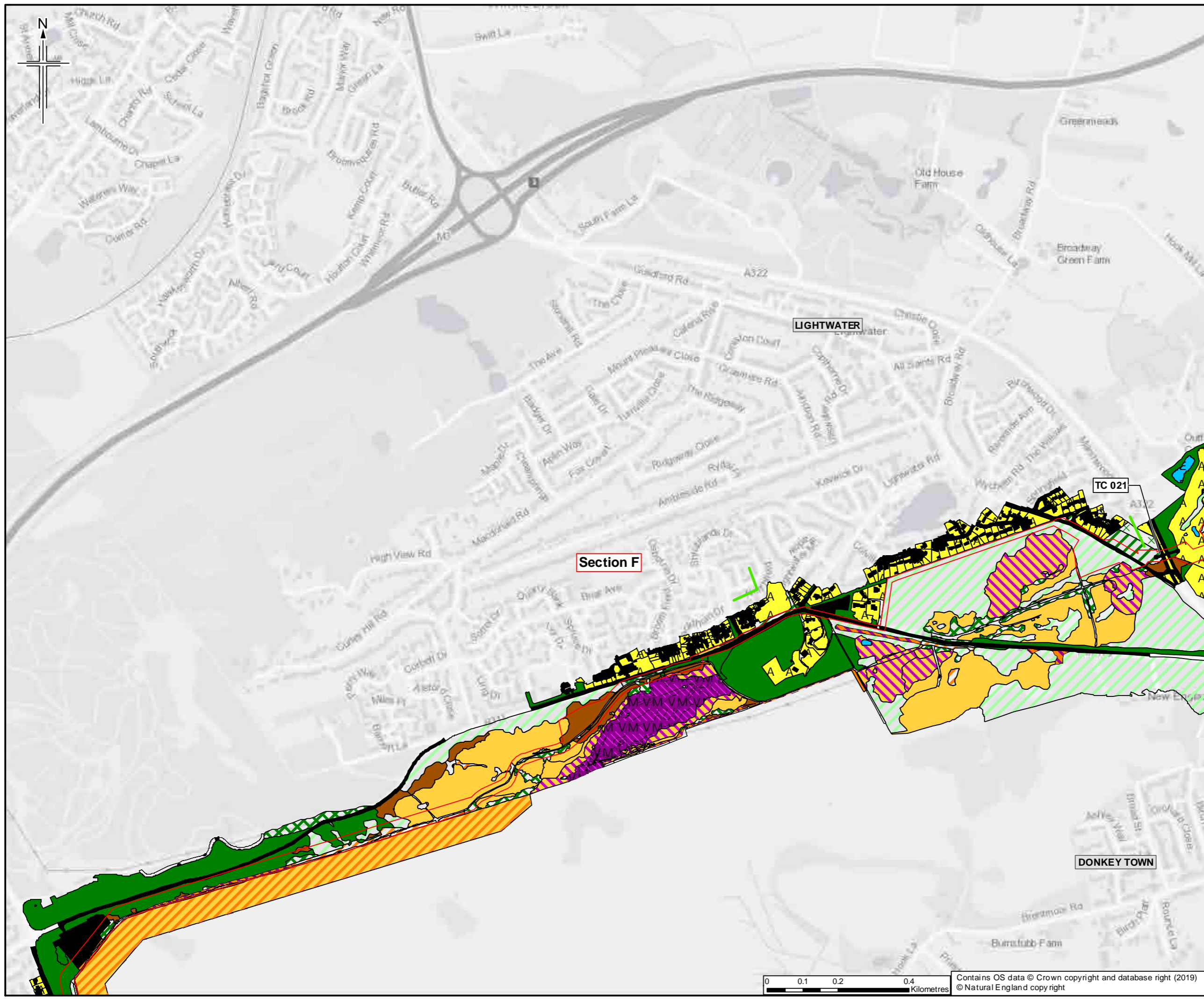


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ENVIRONMENTAL STATEMENT  
PHASE 1 HABITAT SURVEY  
APFP Reg. (2009) 5(2)(l)

Drawing Status	For Issue
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- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Section break
  - Trenchless crossing **TC 003**
  - Hedgerow
- For Phase 1 Legend please see sheet 35

Sheet displays part of Section F

Rev.	Date	Purpose of revision	Orig'Dwn	Checked	Rev'd	Appr'd
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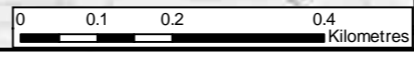
Project

Southampton to London Pipeline Project

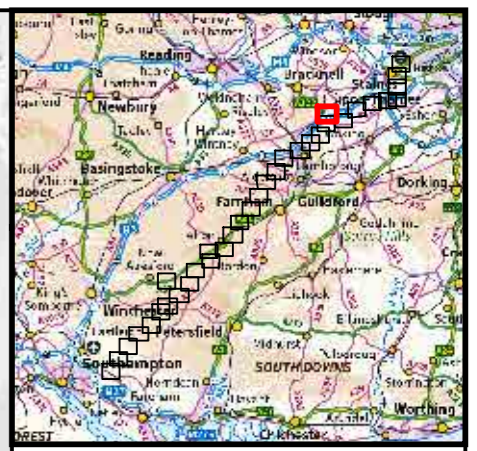
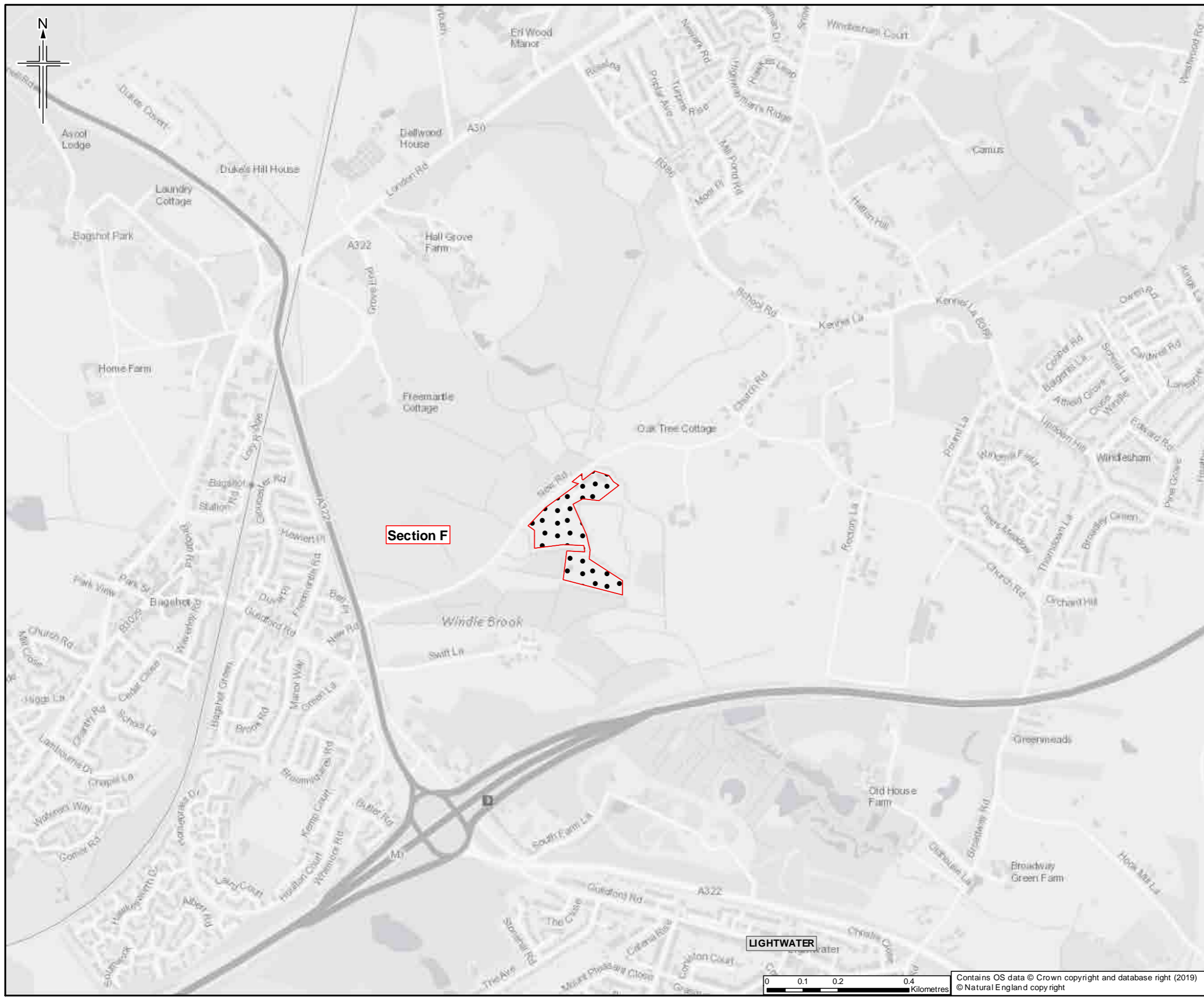
Drawing title

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PHASE 1 HABITAT SURVEY  
APFP Reg. (2009) 5(2)(l)**

Drawing Status	For Issue	
Scale	1:10,000 @ A3	DO NOT SCALE
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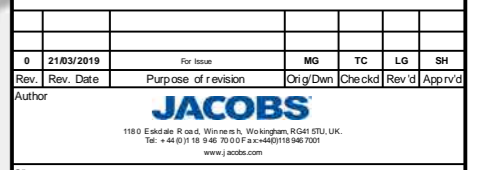


- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Section break
  - Trenchless crossing **TC 003**
- For Phase 1 Legend please see sheet 35**

Sheet displays part of Section F

0	21/03/2019	For Issue	MG	TC	LG	SH
Rev.	Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Apprv'd

Author

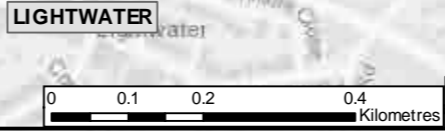


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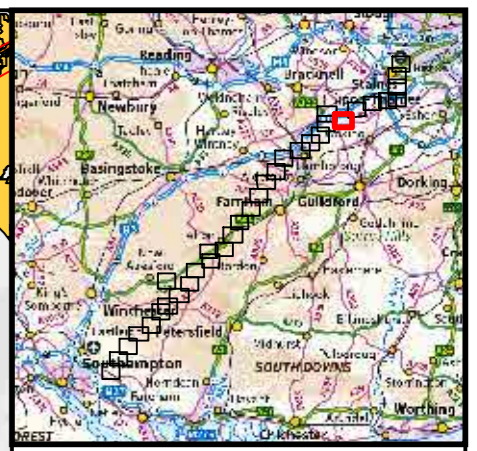
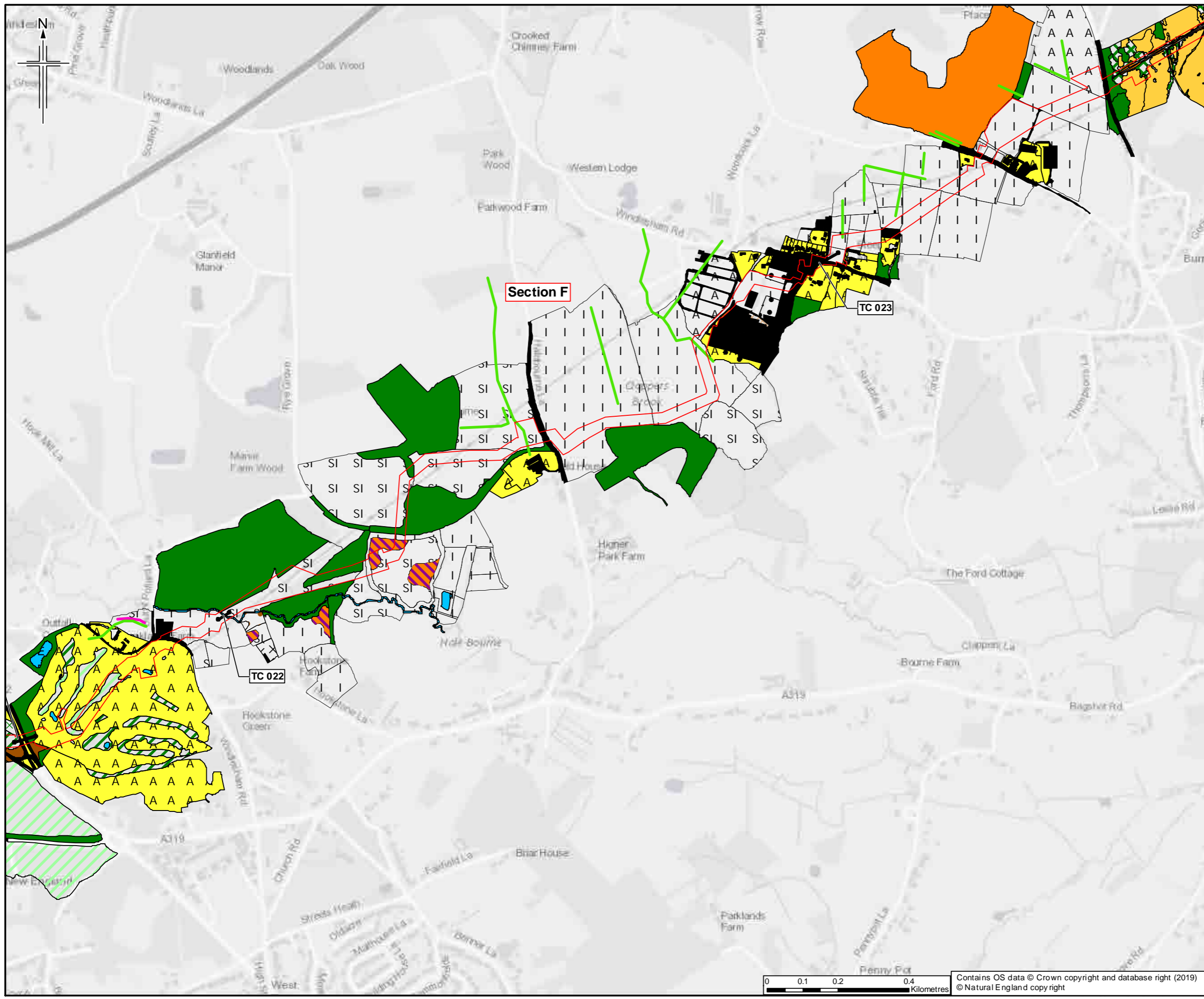


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PHASE 1 HABITAT SURVEY  
APFP Reg. (2009) 5(2)(I)

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ProjectWise No.	B2325300-JAC-000-ENV-DRG-001024
Drawing number	Figure 7.4 Sheet 26 of 35
	Rev 0



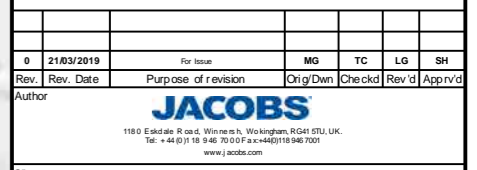
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- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Section break
  - Trenchless crossing **TC 003**
  - Hedgerow
  - Important Hedgerow
- For Phase 1 Legend please see sheet 35

Sheet displays part of Section F

Rev.	Date	Purpose of revision	OrigDwn	Checked	Rev'd	Apprv'd
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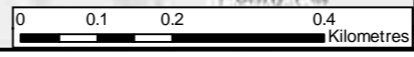


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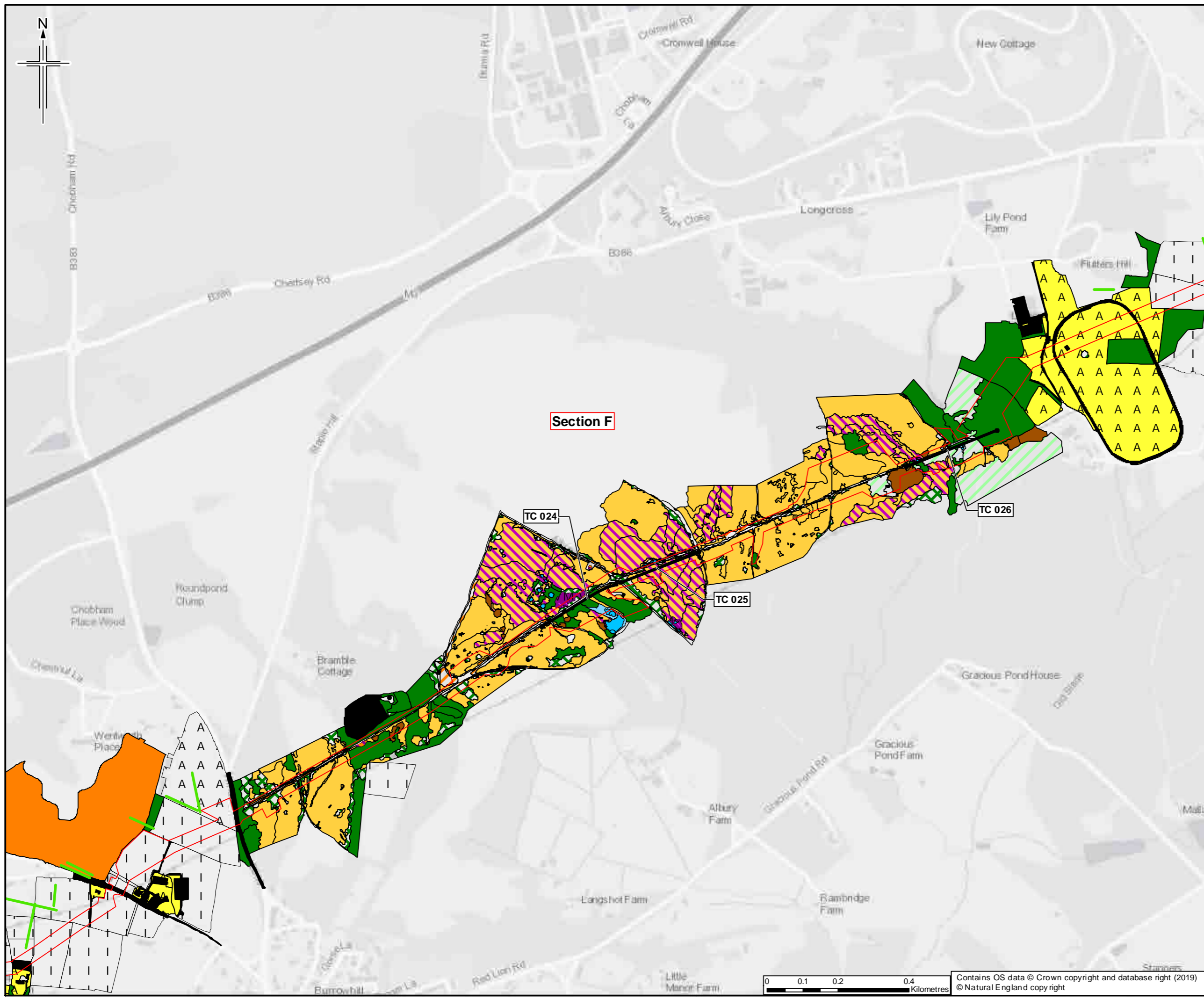


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Scale	1:10,000 @ A3	DO NOT SCALE
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- Legend**
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  - Limits of deviation
  - Section break
  - Section break
  - Trenchless crossing **TC 003**
  - Hedgerow
- For Phase 1 Legend please see sheet 35

**Section F**

TC 024

TC 025

TC 026

Sheet displays part of Section F

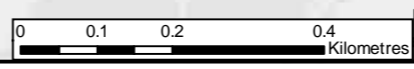
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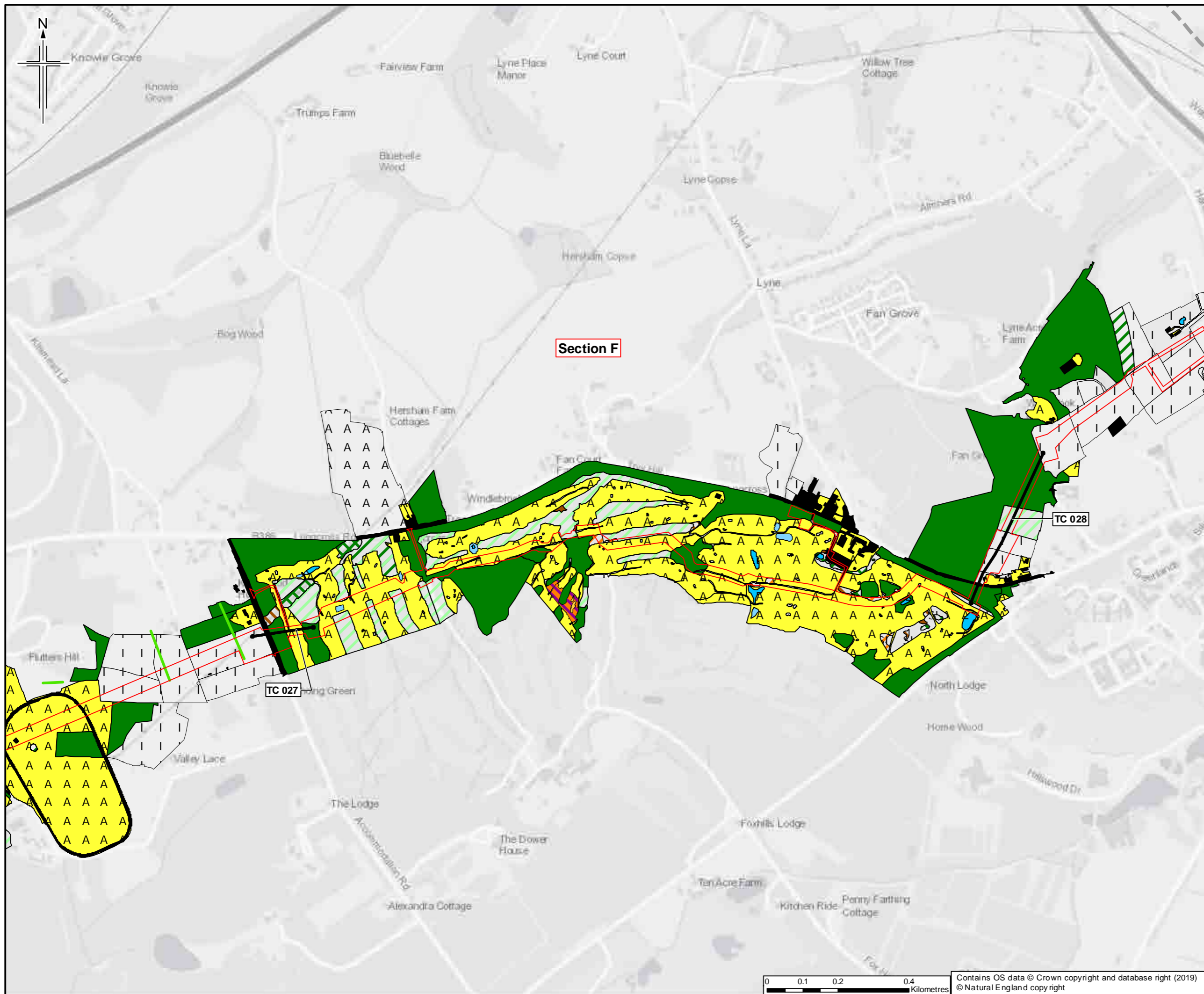


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**ENVIRONMENTAL STATEMENT  
 PHASE 1 HABITAT SURVEY  
 APFP Reg. (2009) 5(2)(l)**

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Drawing number	Figure 7.4 Sheet 28 of 35	Rev 0



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**Legend**

- Order Limits
- Limits of deviation
- Section break
- Section break
- Trenchless crossing **TC 003**
- Hedgerow

For Phase 1 Legend please see sheet 35

Sheet displays part of Section F

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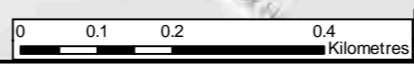
Project

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Drawing title

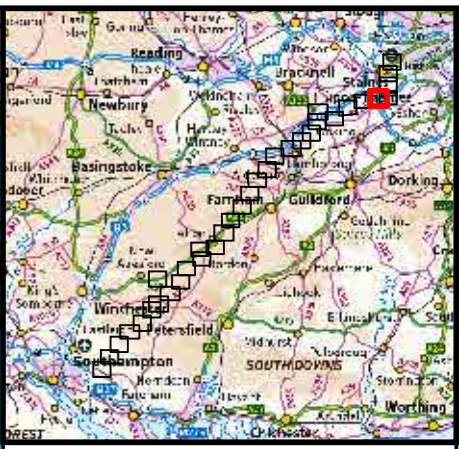
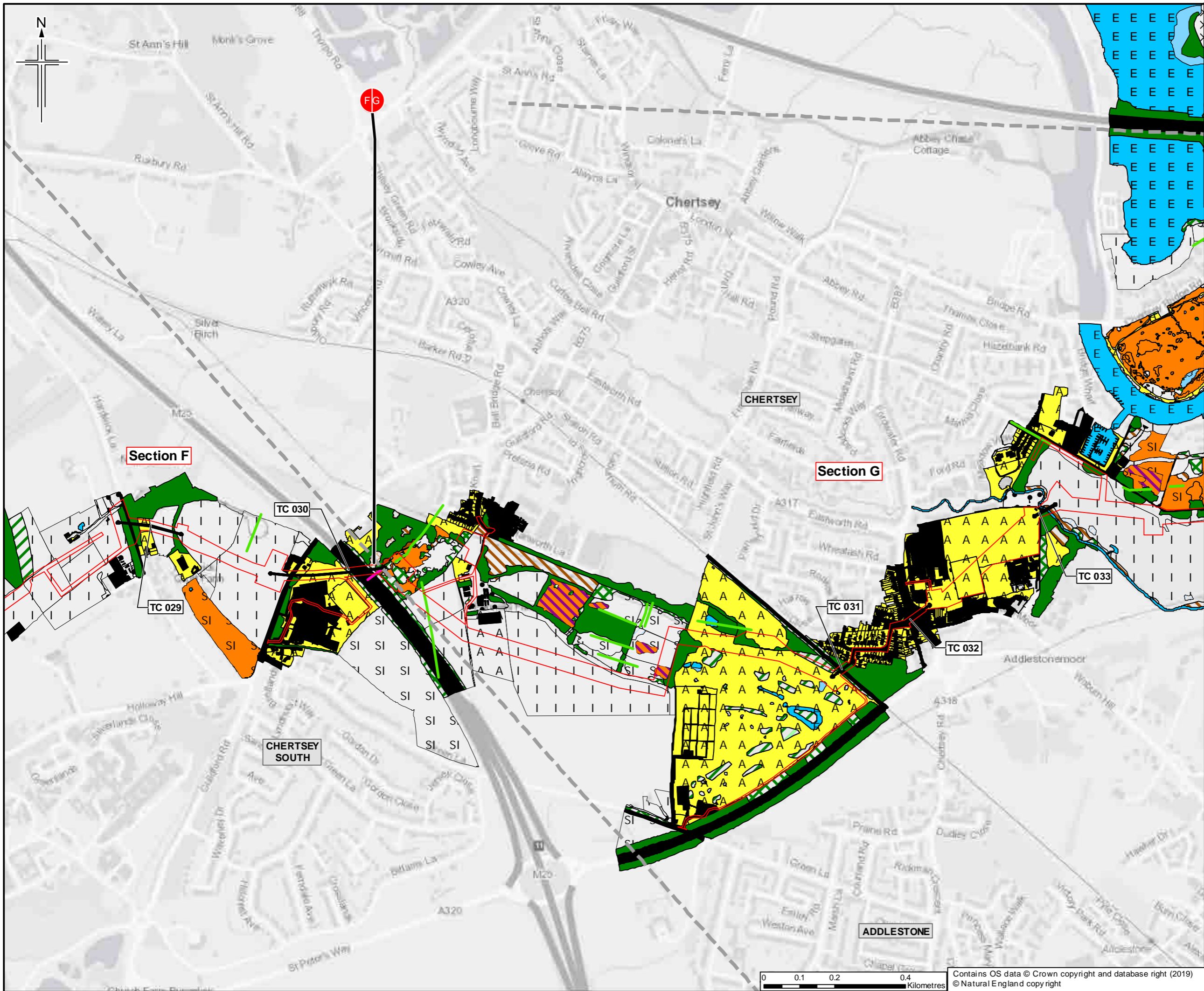
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 APFP Reg. (2009) 5(2)(l)**

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- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Section break
  - Trenchless crossing **TC 003**
  - Hedgerow
  - Important Hedgerow
- For Phase 1 Legend please see sheet 35

Sheet displays parts of Section F and Section G

Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Appr'd
0	21/03/2019	For Issue	MG	TC	LG	SH

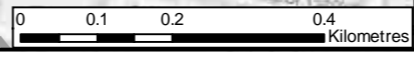
Author: **JACOBS**  
 1180 E Colindale Ave, Watlington, Watlington, Oxford OX11 2JG, UK  
 Tel: +44 (0)185 446700 Fax: +44(0)185 446700  
 www.jacobs.com

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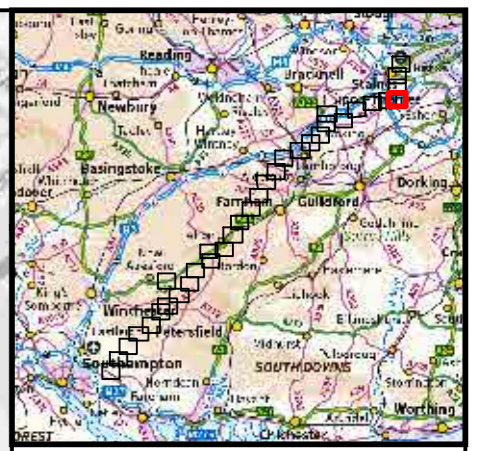
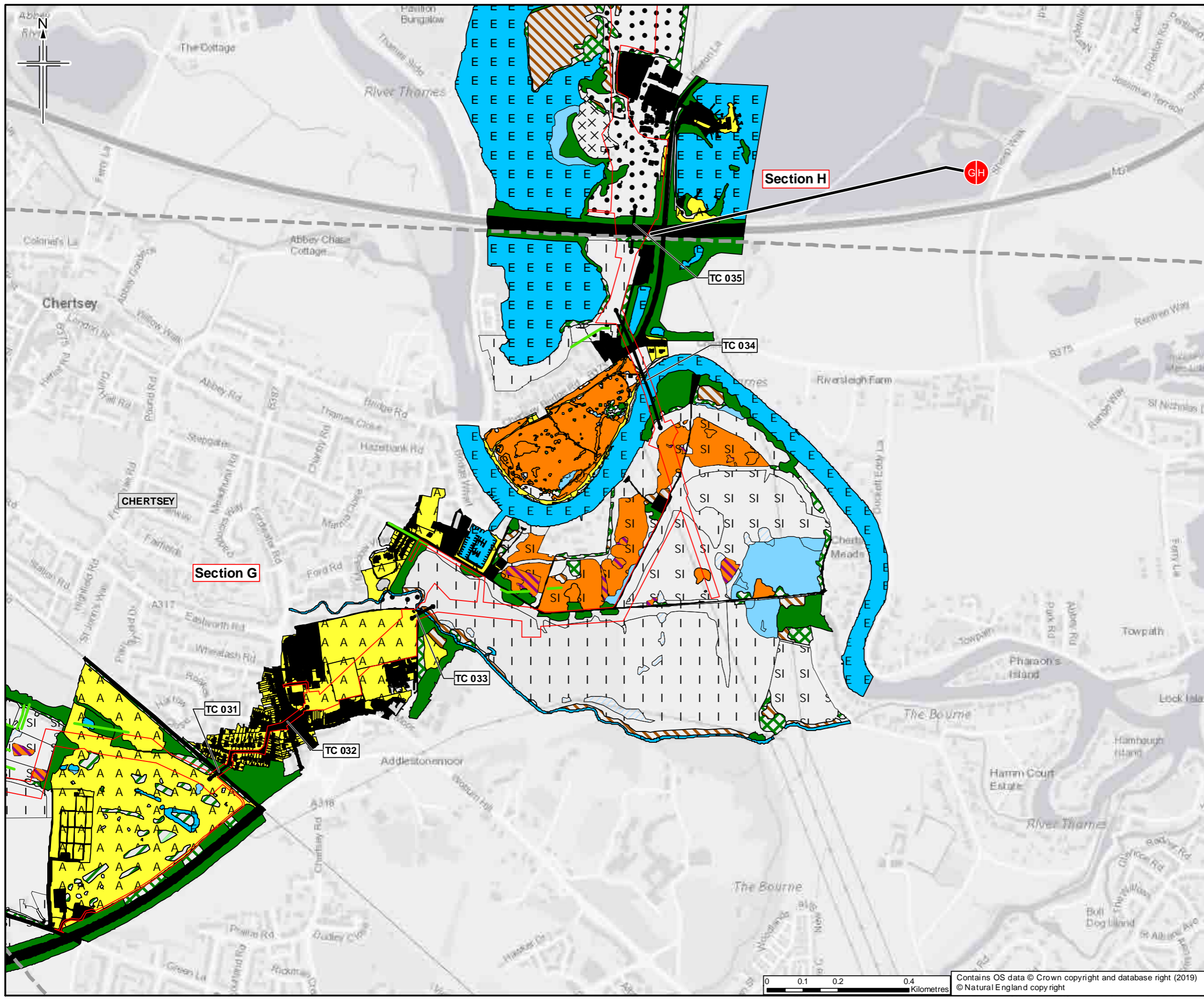


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- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Section break
  - Trenchless crossing **TC 003**
  - Hedgerow
- For Phase 1 Legend please see sheet 35

Sheet displays parts of Section G and Section H

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1100 Eddowes Road, Wokingham, Wokingham, RG40 3DU, UK  
Tel: +44 (0) 18 45 7000 Fax: +44(0)18 45 7001  
www.jacobs.com

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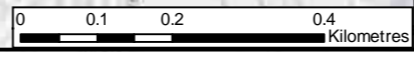
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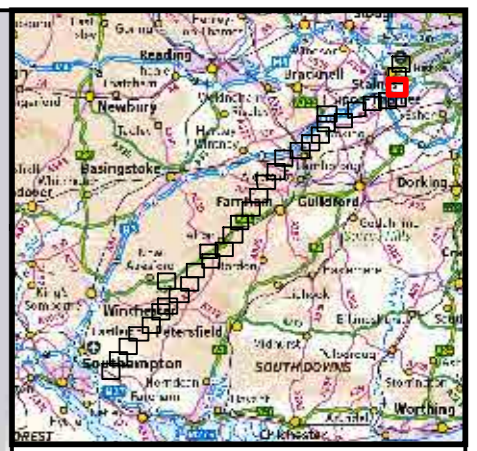
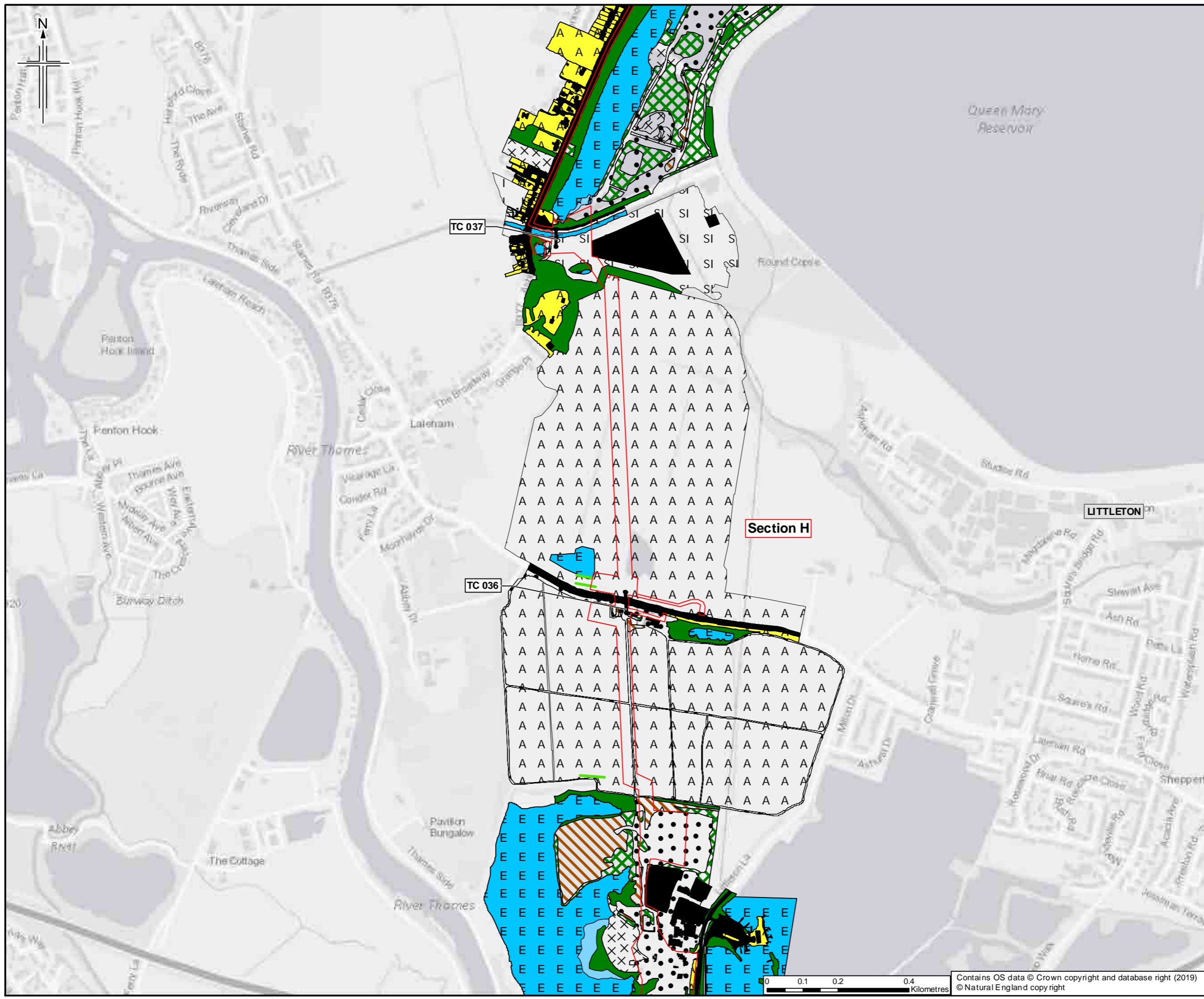
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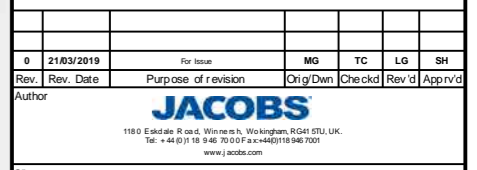




- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Section break
  - Trenchless crossing **TC 003**
  - Hedgerow
- For Phase 1 Legend please see sheet 35

Sheet displays part of Section H

0	21/03/2019	For Issue	MG	TC	LG	SH
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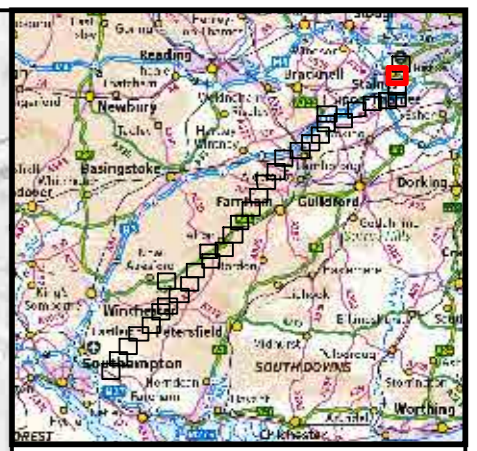
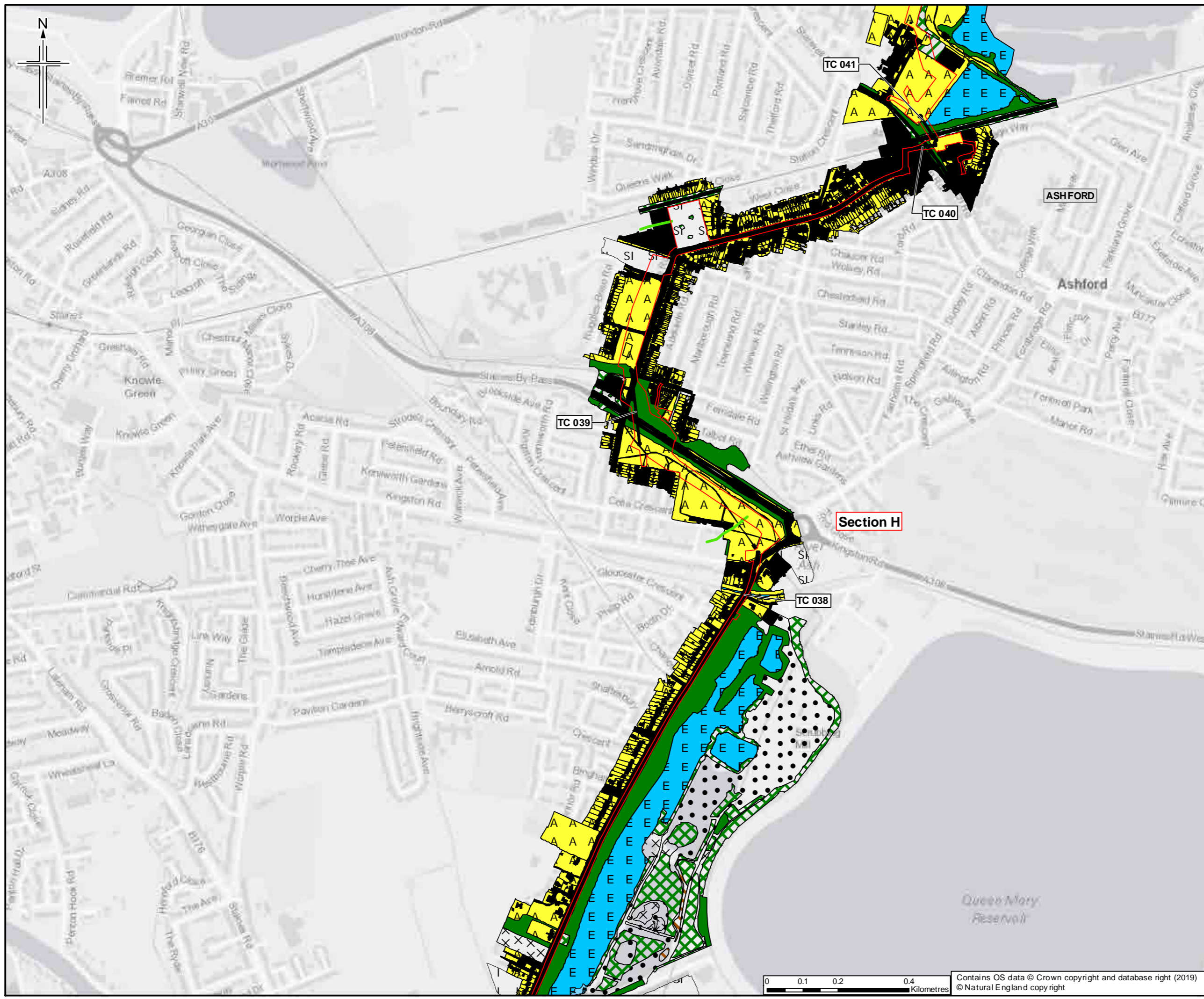
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- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Section break
  - Trenchless crossing **TC 003**
  - Hedgerow
- For Phase 1 Legend please see sheet 35

Sheet displays part of Section H

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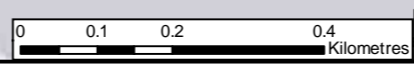


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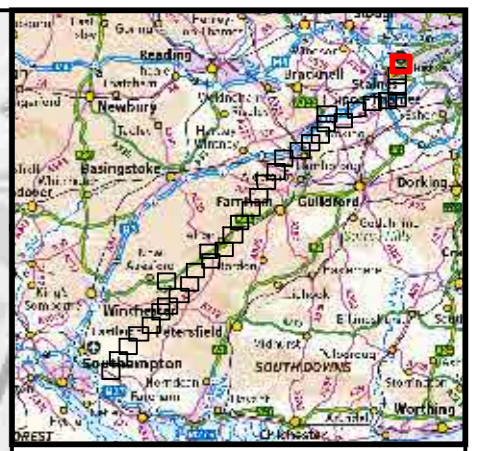


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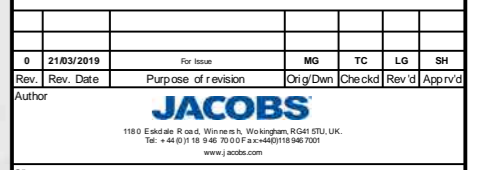


- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Section break
  - Trenchless crossing **TC 003**
  - Hedgerow
- For Phase 1 Legend please see sheet 35

Sheet displays part of Section H

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Author

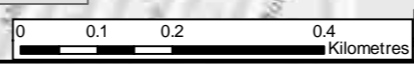


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





























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## Legend

 A1.1.1 - Broadleaved woodland - semi-natural	 D2 - Wet dwarf shrub heath
 A1.1.2 - Broadleaved woodland - plantation	 D5 - Dry heath/acid grassland
 A1.2.2 - Coniferous woodland - plantation	 E3.1 - Fen - valley mire
 A1.3.2 - Mixed woodland - plantation	 F1 - Swamp
 A2.1 - Scrub - dense/continuous	 F2.1 - Marginal and inundation - marginal vegetation
 A2.2 - Scrub - scattered	 F2.2 - Marginal and inundation - inundation vegetation
 A3.1 - Broadleaved Parkland/scattered trees	 G1.1 - Standing water - eutrophic
 B1.1 - Acid grassland - unimproved	 G1.2 - Standing water - mesotrophic
 B1.2 - Acid grassland - semi-improved	 G1.3 - Standing water - oligotrophic
 B2.1 - Neutral grassland - unimproved	 G1.4 - Standing water - dystrophic
 B2.2 - Neutral grassland - semi-improved	 G2.1 - Running water - eutrophic
 B3.1 - Calcareous grassland - unimproved	 G2.2 - Running water - mesotrophic
 B4 - Improved grassland	 G2.4 - Running water - dystrophic
 B5 - Marsh/marshy grassland	 J1.1 - Cultivated/disturbed land - arable
 B6 - Poor semi-improved grassland	 J1.2 - Cultivated/disturbed land - amenity grassland
 C1.1 - Bracken - continuous	 J1.3 - Cultivated/disturbed land - ephemeral/short perennial
 C1.2 - Bracken - scattered	 J1.4 - Introduced shrub
 C3.1 - Other tall herb and fern - ruderal	 J3.6 - Buildings
 C3.2 - Other tall herb and fern - non ruderal	 J4 - Bare ground
 D1.1 - Dry dwarf shrub heath - acid	 J5 - Other habitat

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Author  
  
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 Tel: +44 (0)118 946 7000 Fax: +44(0)118 946 7001  
 www.jacobs.com

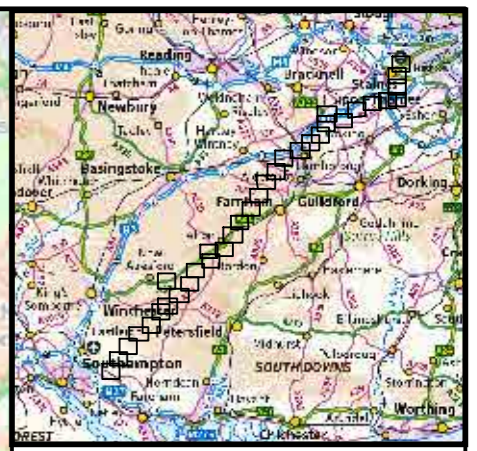
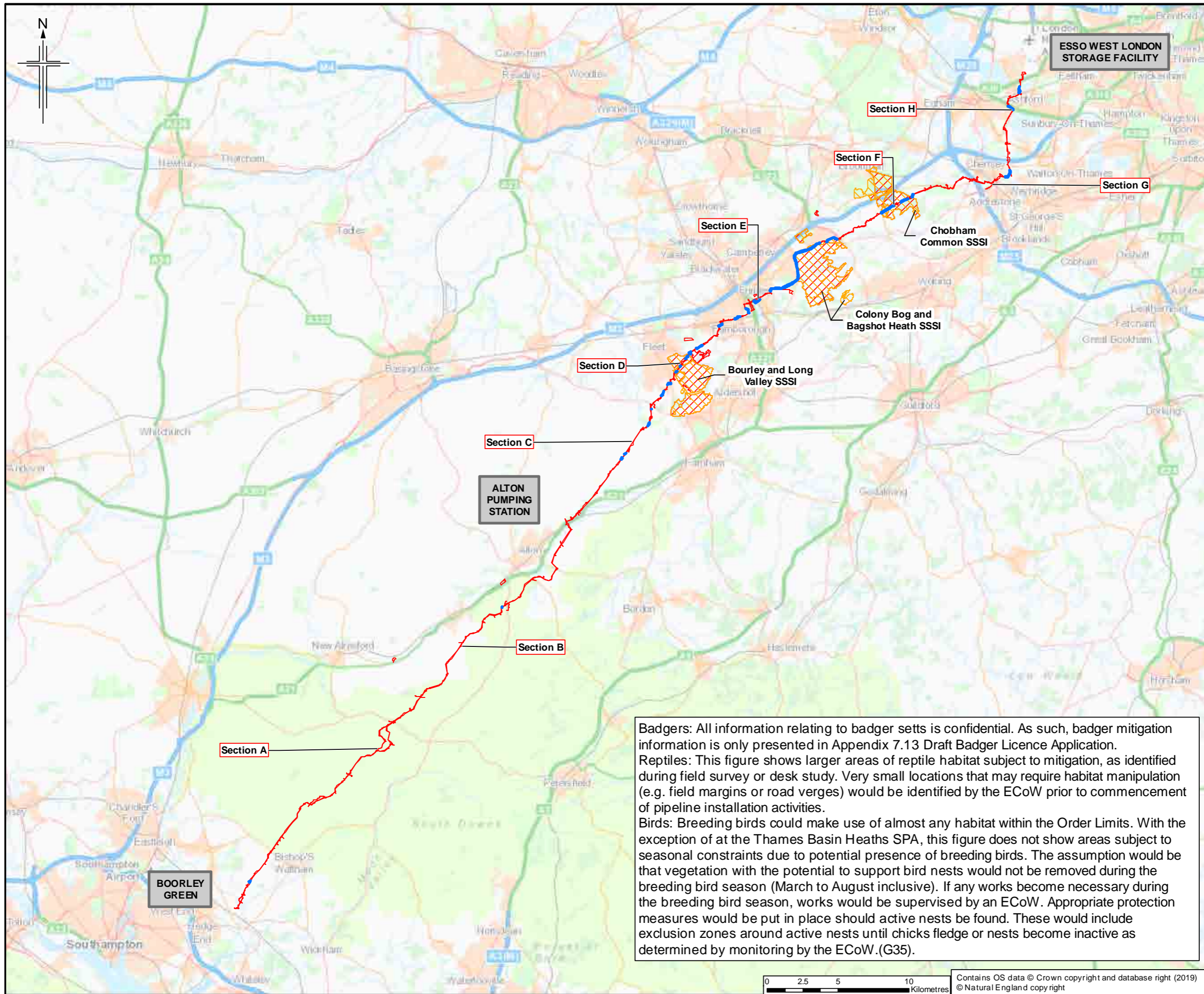
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 PHASE 1 HABITAT SURVEY

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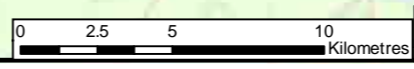
- Legend**
- Order Limits
  - Narrow width working
  - Thames Basin Heaths Special Protection Area (SPA)
  - Site of Special Scientific Interest (SSSI)

**Badgers:** All information relating to badger setts is confidential. As such, badger mitigation information is only presented in Appendix 7.13 Draft Badger Licence Application.

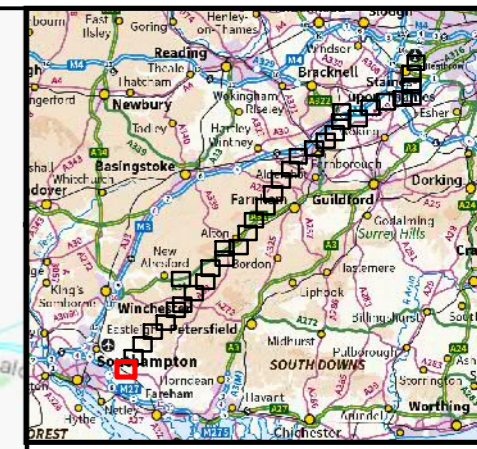
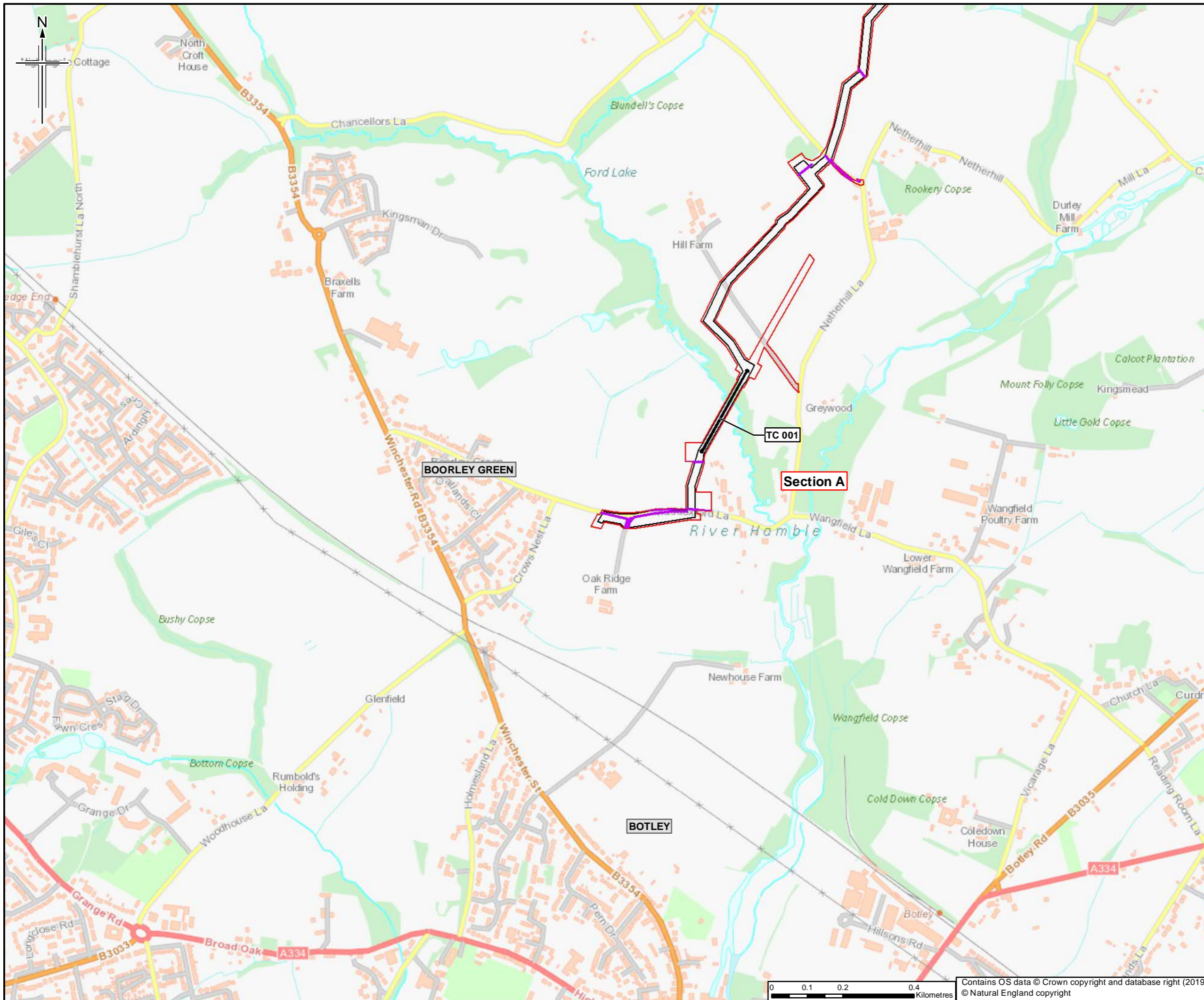
**Reptiles:** This figure shows larger areas of reptile habitat subject to mitigation, as identified during field survey or desk study. Very small locations that may require habitat manipulation (e.g. field margins or road verges) would be identified by the ECoW prior to commencement of pipeline installation activities.

**Birds:** Breeding birds could make use of almost any habitat within the Order Limits. With the exception of at the Thames Basin Heaths SPA, this figure does not show areas subject to seasonal constraints due to potential presence of breeding birds. The assumption would be that vegetation with the potential to support bird nests would not be removed during the breeding bird season (March to August inclusive). If any works become necessary during the breeding bird season, works would be supervised by an ECoW. Appropriate protection measures would be put in place should active nests be found. These would include exclusion zones around active nests until chicks fledge or nests become inactive as determined by monitoring by the ECoW.(G35).

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<p>Drawing title  <b>ENVIRONMENTAL STATEMENT          BIODIVERSITY AND LANDSCAPE          MEASURES AND MITIGATION          APFP Reg. (2009) 5(2)(o)</b></p>						
<p>Drawing Status <span style="float: right;">For Issue</span></p>						
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- Legend**
- Order Limits
  - Limits of deviation
  - Trenchless crossing
- Measures and Mitigation**
- Dormouse mitigation: single-stage vegetation clearance under an EPS licence

Sheet displays part of Section A

Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Check'd	Rev'd	Appr'd
0	28/03/2019	For Issue	LM	NS	LG	SH

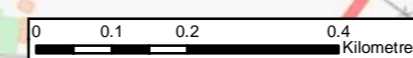
Author  
**JACOBS**  
 1100 Epsom Road, Weybridge, Middlesex, TW20 3EU, UK  
 Tel: +44(0)181 946 7000 Fax: +44(0)181 946 7021  
 www.jacobs.com

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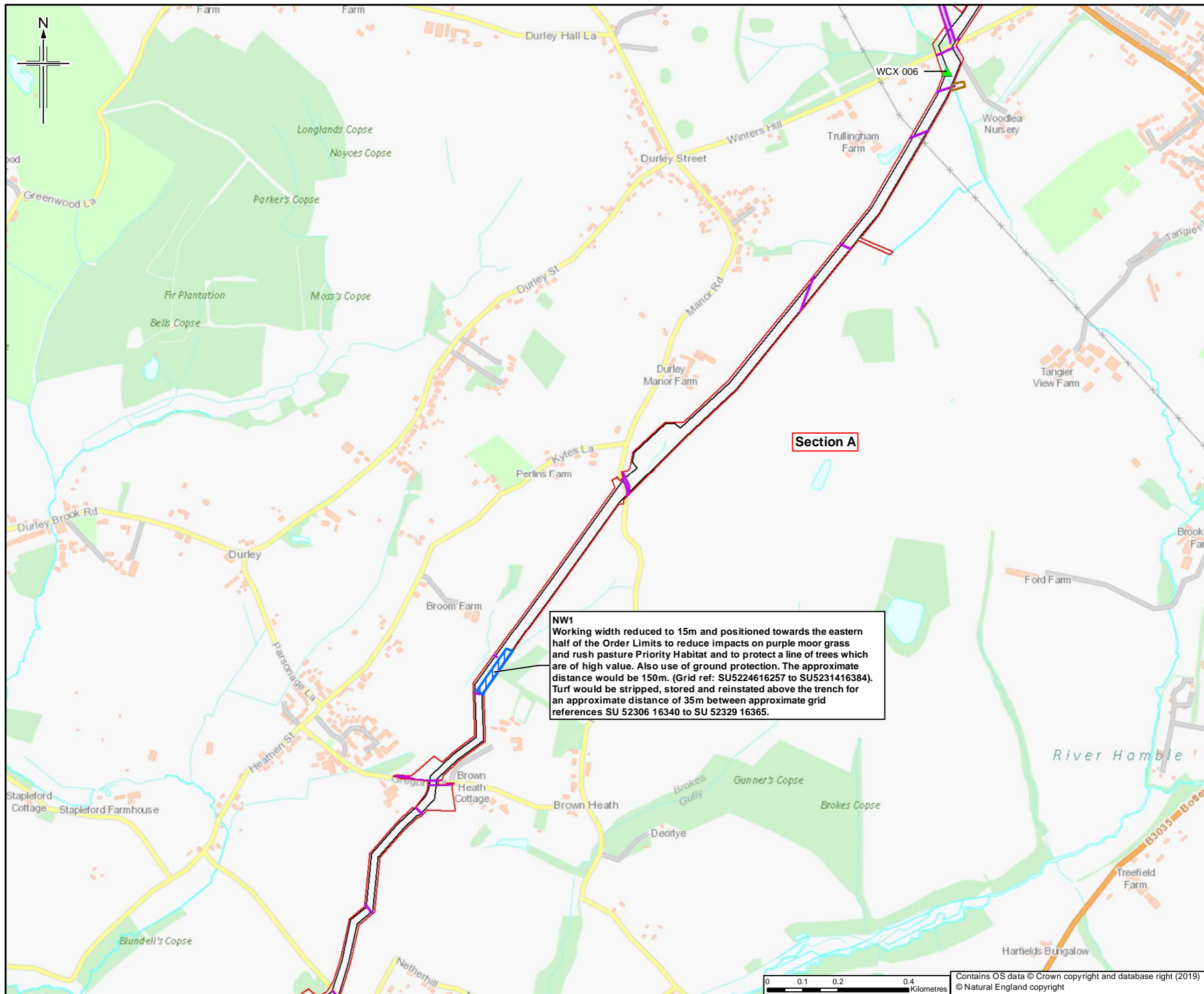
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**NW1**  
 Working width reduced to 15m and positioned towards the eastern half of the Order Limits to reduce impacts on purple moor grass and rush pasture Priority Habitat and to protect a line of trees which are of high value. Also use of ground protection. The approximate distance would be 150m. (Grid ref: SU5224616257 to SU5231416384). Turf would be stripped, stored and reinstated above the trench for an approximate distance of 35m between approximate grid references SU 52306 16340 to SU 52329 16365.



- Legend**
- Order Limits
  - Limits of deviation
  - Narrow width working
- Measures and Mitigation**
- Bat boxes
  - ▲ Fish - migration and spawning (no works Oct-Dec and March-May)
  - Dormouse mitigation: single-stage vegetation clearance under an EPS licence

Sheet displays part of Section A

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0	28/03/2019	For Issue				

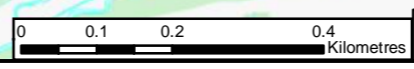
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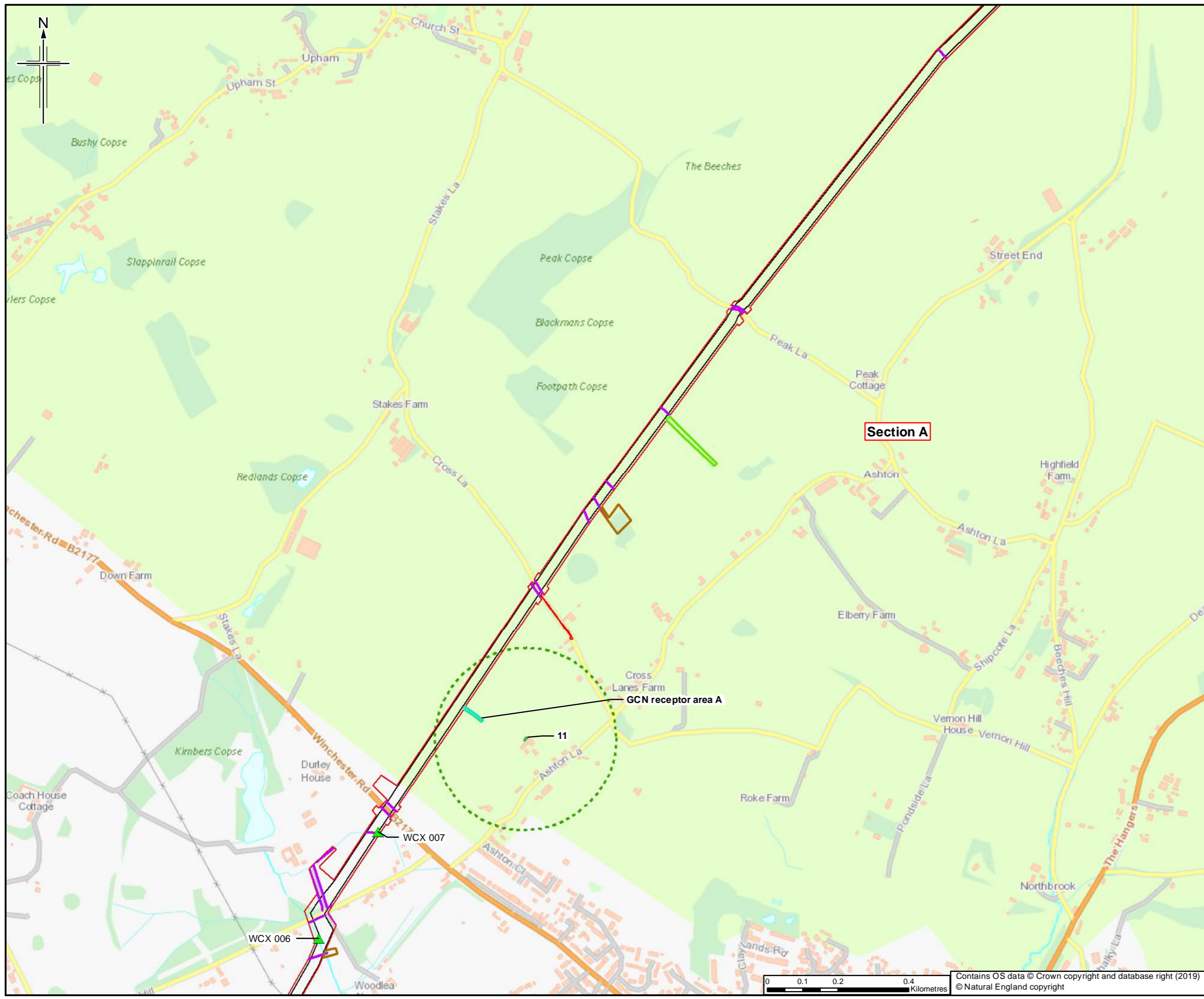
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 MEASURES AND MITIGATION  
 APFP Reg. (2009) 5(2)(o)

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- Legend**
- Order Limits
  - Limits of deviation
  - Positive GCN pond
- Measures and Mitigation**
- Hedgerow infilling
  - Bat boxes
  - Great crested newt (GCN) receptor areas
  - GCN mitigation: trapping and translocation and/or fingertip searching within the Order Limits under an EPS licence
  - ▲ Fish - migration and spawning (no works Oct-Dec and March-May)
  - Dormouse mitigation: single-stage vegetation clearance under an EPS licence

Sheet displays part of Section A

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www.jacobs.com

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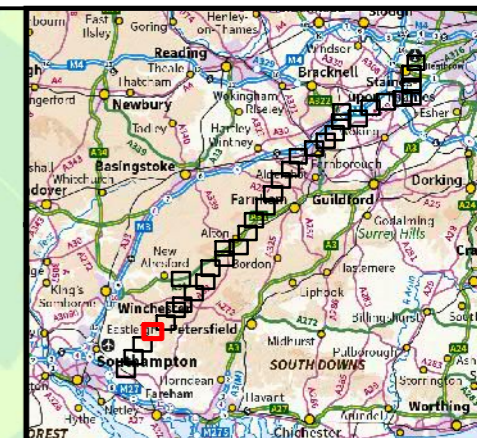
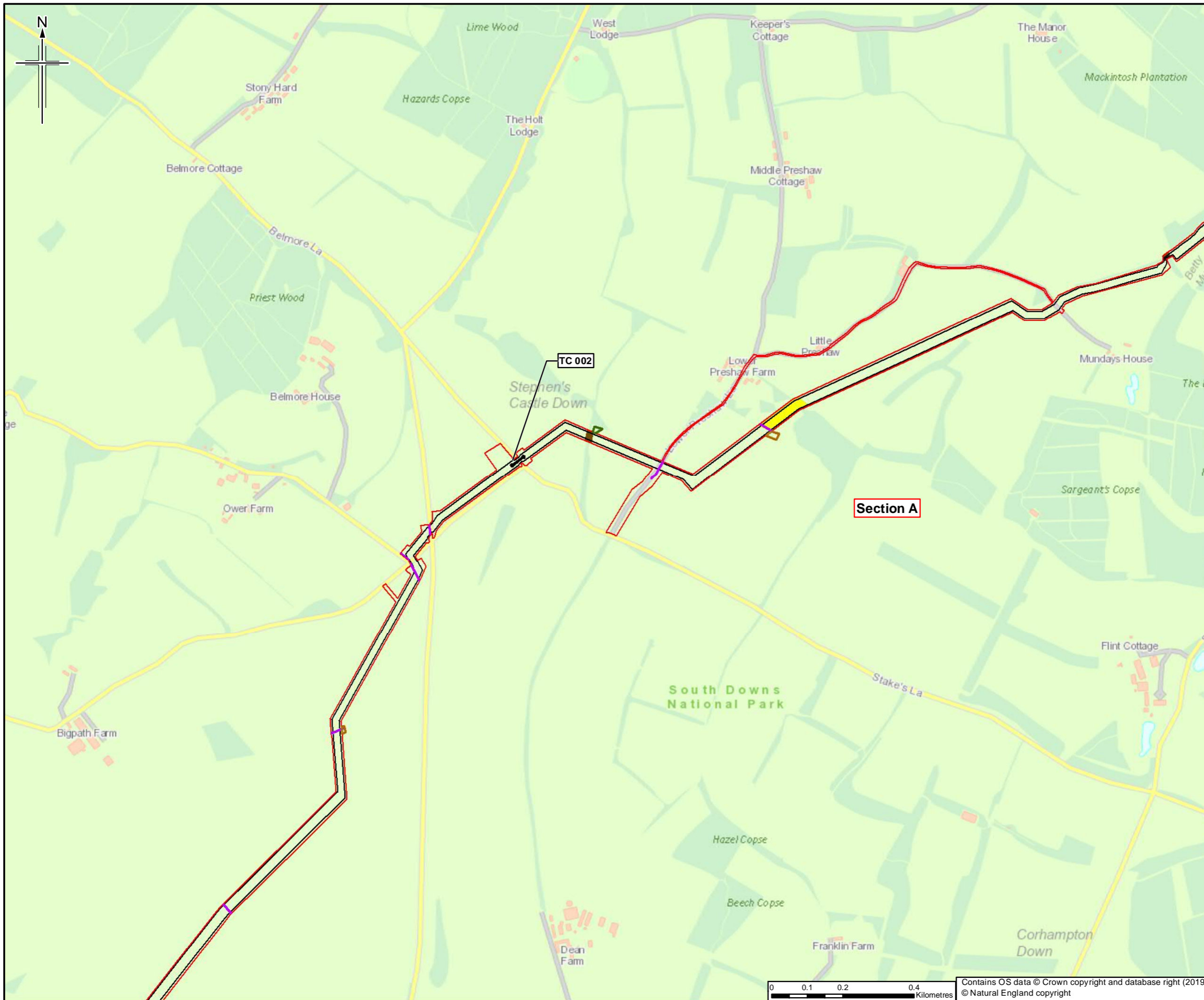
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MEASURES AND MITIGATION  
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- Legend**
- Order Limits
  - Limits of deviation
  - Trenchless crossing
- Measures and Mitigation**
- Bat boxes
  - Tree planting
  - Common reptile - habitat manipulation (mid-March to October)
  - Dormouse mitigation: single-stage vegetation clearance under an EPS licence
  - Dormouse mitigation: two-stage clearance of vegetation under an EPS licence

Sheet displays part of Section A

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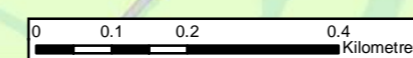
Author  
**JACOBS**  
 1180 Epsom Road, Wokingham, Wokingham, RG41 5TU, UK  
 Tel: +44(0)118 946 7000 Fax: +44(0)118 946 7001  
 www.jacobs.com

Client  
 Esso Petroleum Company, Limited  
 Ermyn House,  
 Ermyn Way,  
 Leatherhead,  
 Surrey,  
 KT22 8UX

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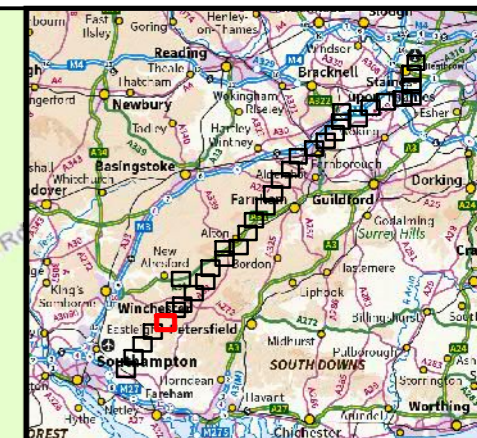
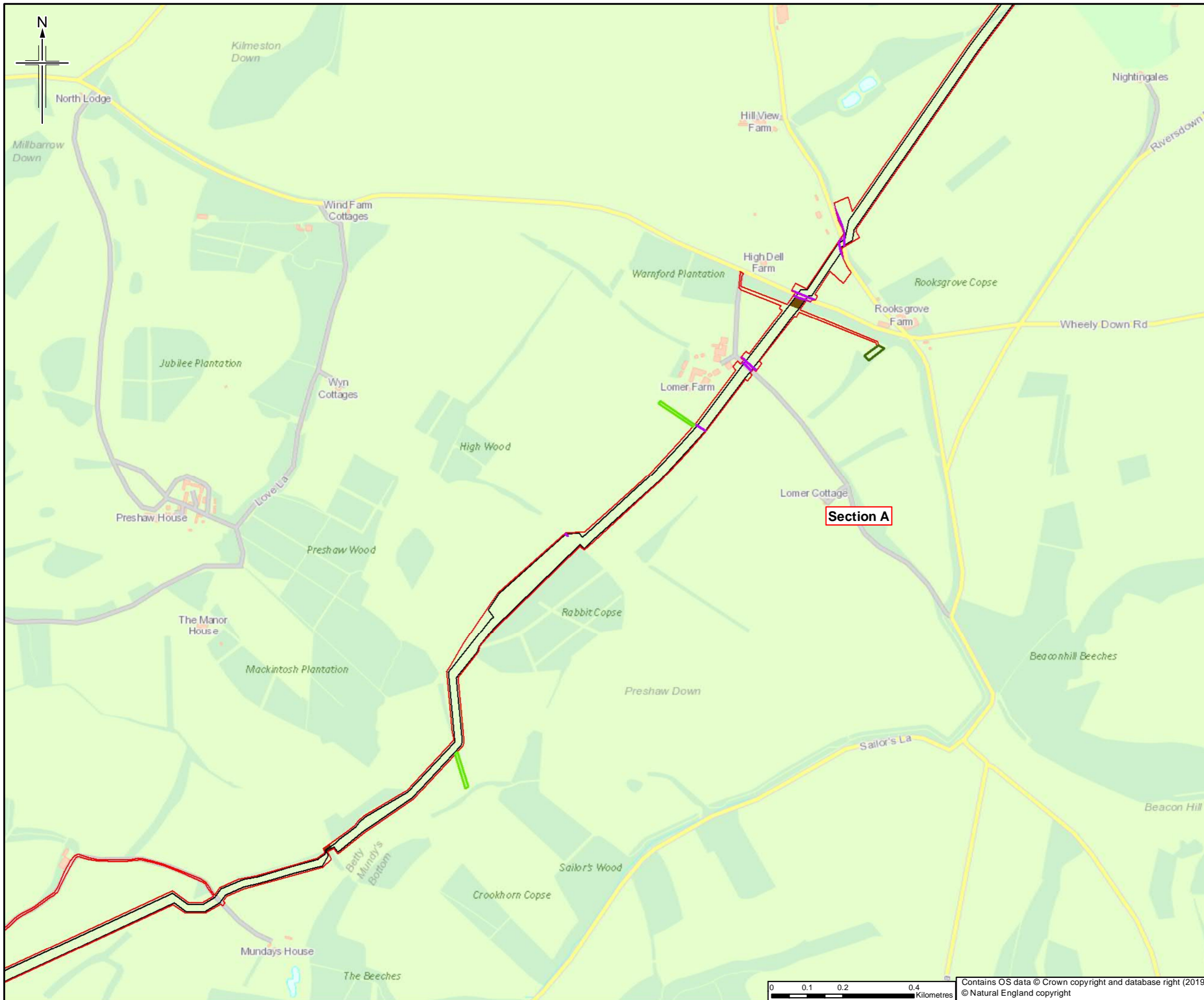
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 MEASURES AND MITIGATION  
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- Legend**
- Order Limits
  - Limits of deviation
- Measures and Mitigation**
- Hedgerow infilling
  - Tree planting
  - Dormouse mitigation: single-stage vegetation clearance under an EPS licence
  - Dormouse mitigation: two-stage clearance of vegetation under an EPS licence

Sheet displays part of Section A

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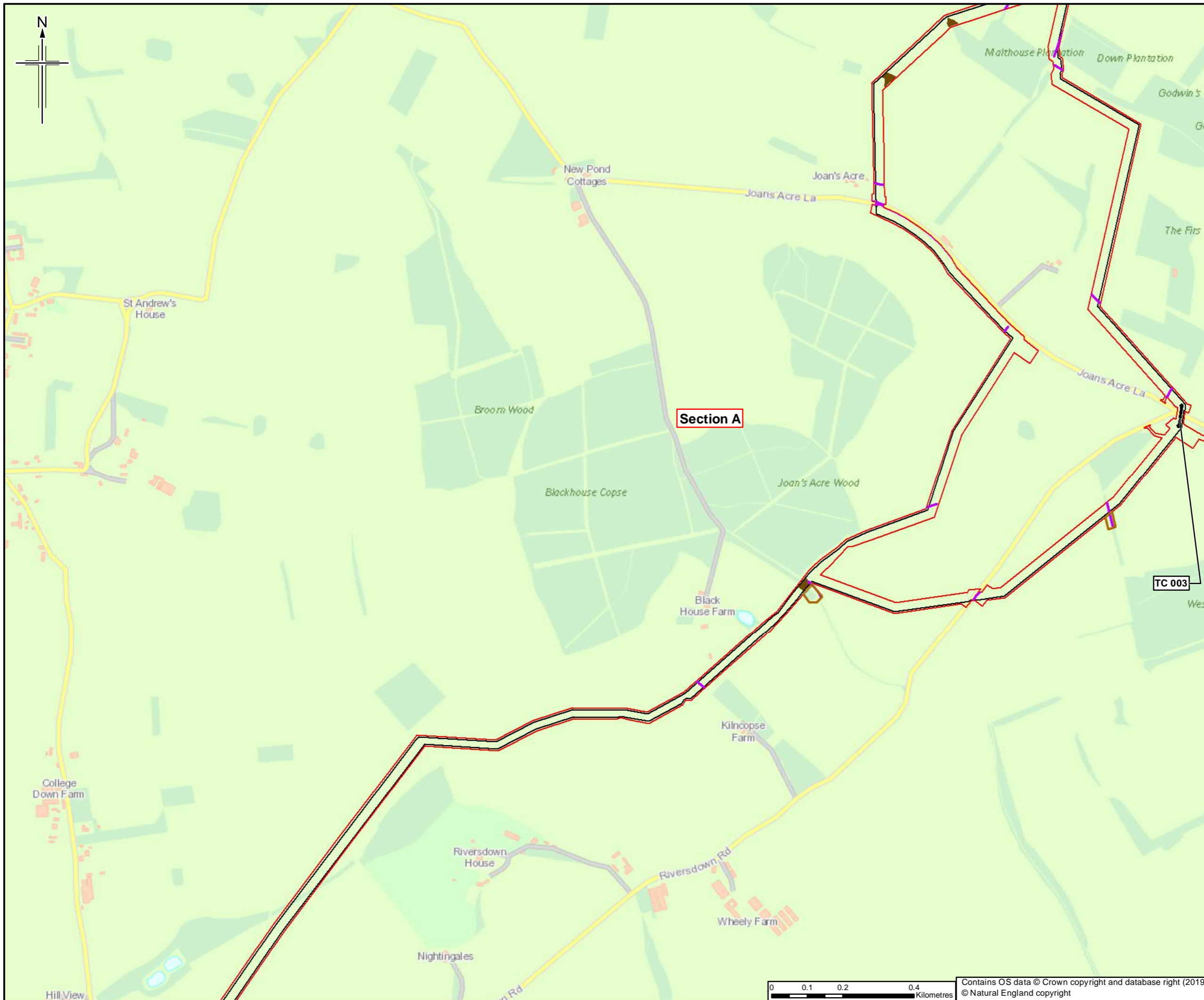
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 Tel: +44(0)118 946 7000 Fax: +44(0)118 946 7021  
 www.jacobs.com

Client  
 Esso Petroleum Company, Limited  
 Ermyn House,  
 Ermyn Way,  
 Leatherhead,  
 Surrey,  
 KT22 8UX

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- Legend**
- Order Limits
  - Limits of deviation
  - Trenchless crossing
- Measures and Mitigation**
- Bat boxes
  - Dormouse mitigation: single-stage vegetation clearance under an EPS licence
  - Dormouse mitigation: two-stage clearance of vegetation under an EPS licence



Sheet displays part of Section A

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0	28/03/2019	For Issue				

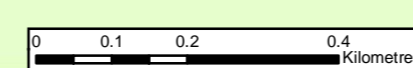
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 Esso Petroleum Company, Limited  
 Ermyn House,  
 Ermyn Way,  
 Leatherhead,  
 Surrey,  
 KT22 8UX

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- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Section break
  - Trenchless crossing
  - Measures and Mitigation
  - Hedgerow infilling
  - Bat boxes
  - Dormouse mitigation: single-stage vegetation clearance under an EPS licence
  - Dormouse mitigation: two-stage clearance of vegetation under an EPS licence

Sheet displays parts of Section A and Section B

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 1180 Epsom Road, Weybridge, Middlesex, TW20 2EX, UK  
 Tel: +44(0)181 946 7000 Fax: +44(0)181 946 7001  
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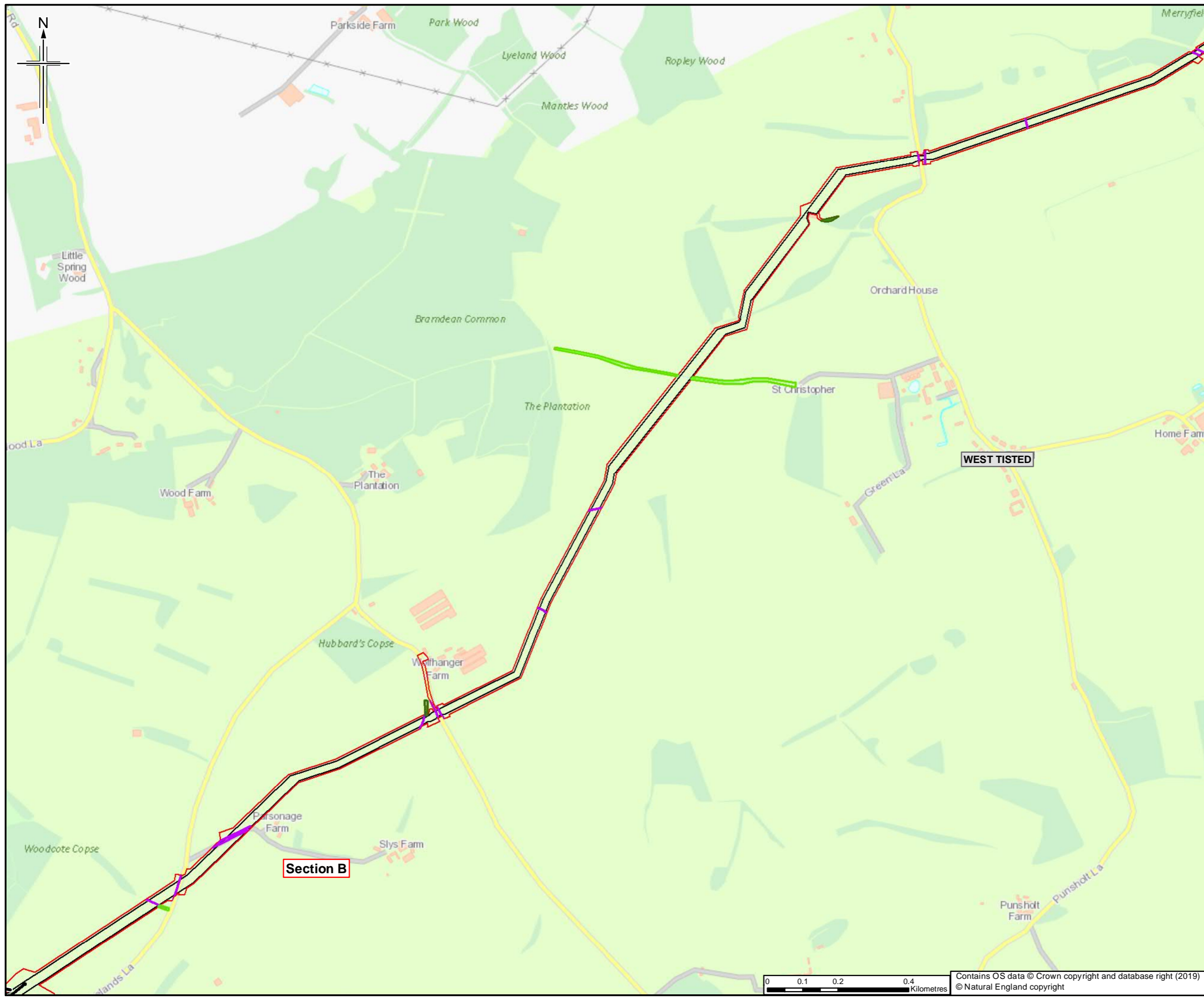
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 Ermyn Way,  
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- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Trenchless crossing
- Measures and Mitigation**
- Hedgerow infilling
  - Tree planting
  - Dormouse mitigation: single-stage vegetation clearance under an EPS licence

Sheet displays part of Section B

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Author

**JACOBS**  
 1180 Epsom Road, Wokingham, Wokingham, RG41 5TU, UK  
 Tel: +44(0)118 946 7000 Fax: +44(0)118 946 7001  
 www.jacobs.com

Client  
 Esso Petroleum Company, Limited  
 Ermyn House,  
 Ermyn Way,  
 Leatherhead,  
 Surrey,  
 KT22 8UX

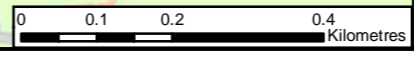
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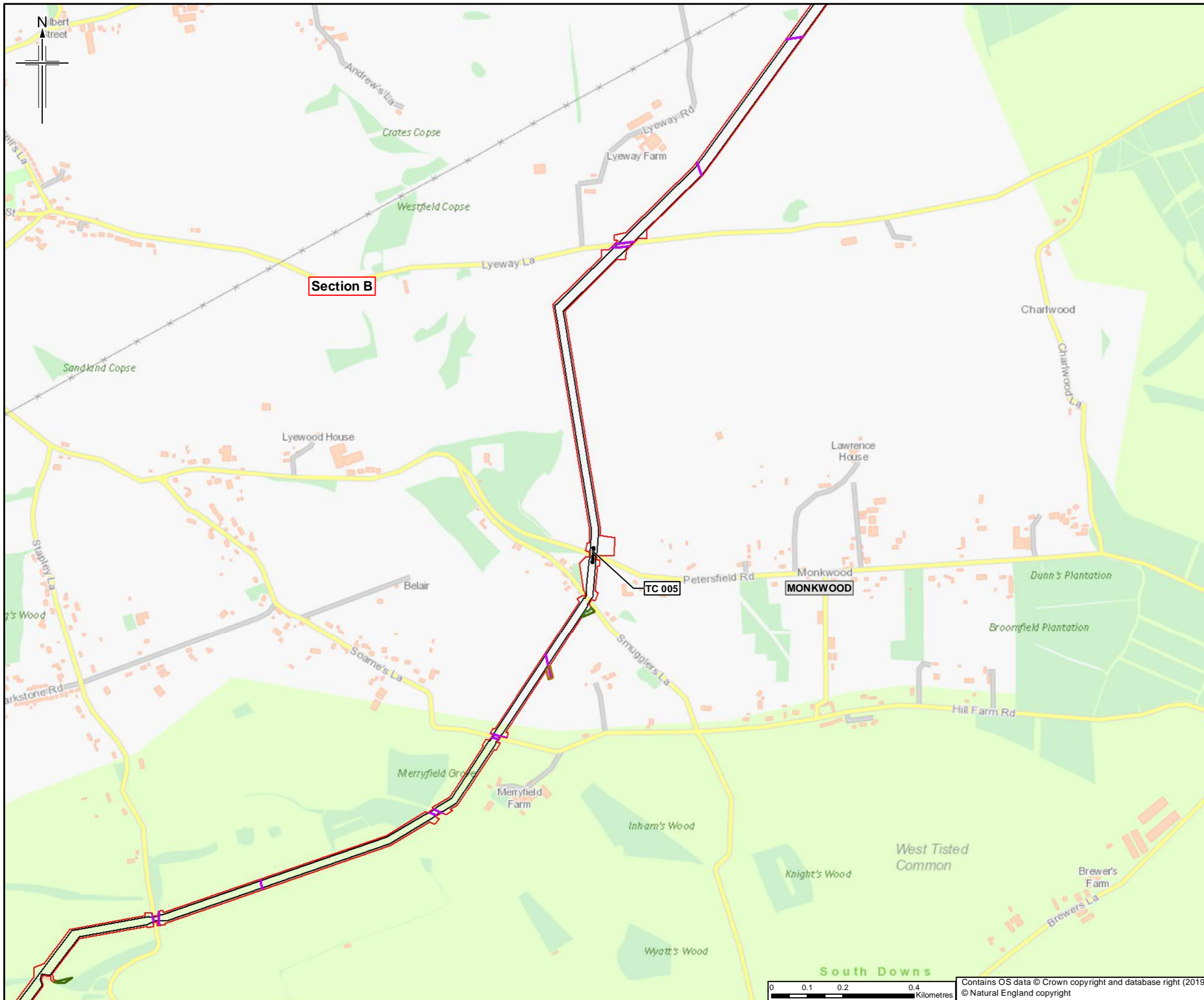
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- Legend**
- Order Limits
  - Limits of deviation
  - Trenchless crossing
- Measures and Mitigation**
- Bat boxes
  - Tree planting
  - Dormouse mitigation: single-stage vegetation clearance under an EPS licence

Sheet displays part of Section B

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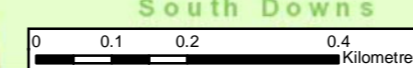
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 Tel: +44(0)118 946 7000 Fax: +44(0)118 946 7021  
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 Esso Petroleum Company, Limited  
 Ermyn House,  
 Ermyn Way,  
 Leatherhead,  
 Surrey,  
 KT22 8UX

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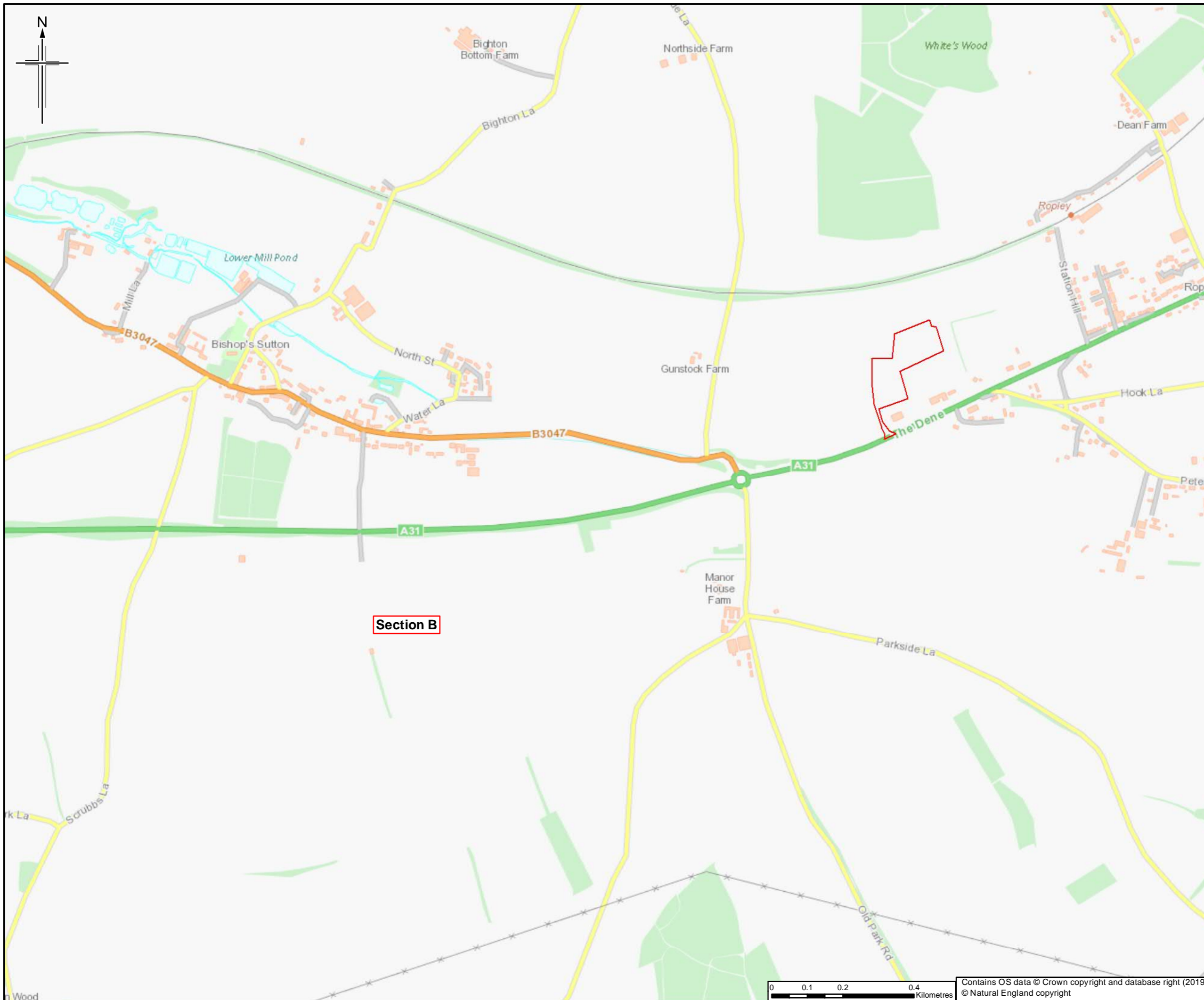
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**Legend**  
 Order Limits

**Section B**

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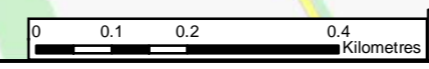
Author  
**JACOBS**  
 1180 Epsom Road, Wokingham, Wokingham, RG41 5TU, UK  
 Tel: +44(0)118 946 7000 Fax: +44(0)118 946 7001  
 www.jacobs.com

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 Esso Petroleum Company, Limited  
 Ermyn House,  
 Ermyn Way,  
 Leatherhead,  
 Surrey,  
 KT22 8UX

Project  
 Southamton to London Pipeline Project

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- Legend**
- Order Limits
  - Limits of deviation
- Measures and Mitigation**
- Hedgerow infilling
  - Bat boxes
  - Tree planting
  - Dormouse mitigation: single-stage vegetation clearance under an EPS licence

**Section B**

Sheet displays part of Section B

0	28/03/2019	For Issue	LM	NS	LG	SH
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Rev. Rev. Date Purpose of revision Orig/Dwn Checkd/Rev'd Apprv'd

Author

**JACOBS**  
 1180 Epsom Road, Weybridge, Middlesex, TW20 3EU, UK  
 Tel: +44(0)181 946 7000 Fax: +44(0)181 946 7021  
 www.jacobs.com

Client  
 Esso Petroleum Company, Limited  
 Ermyn House,  
 Ermyn Way,  
 Leatherhead,  
 Surrey,  
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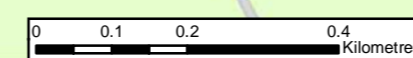
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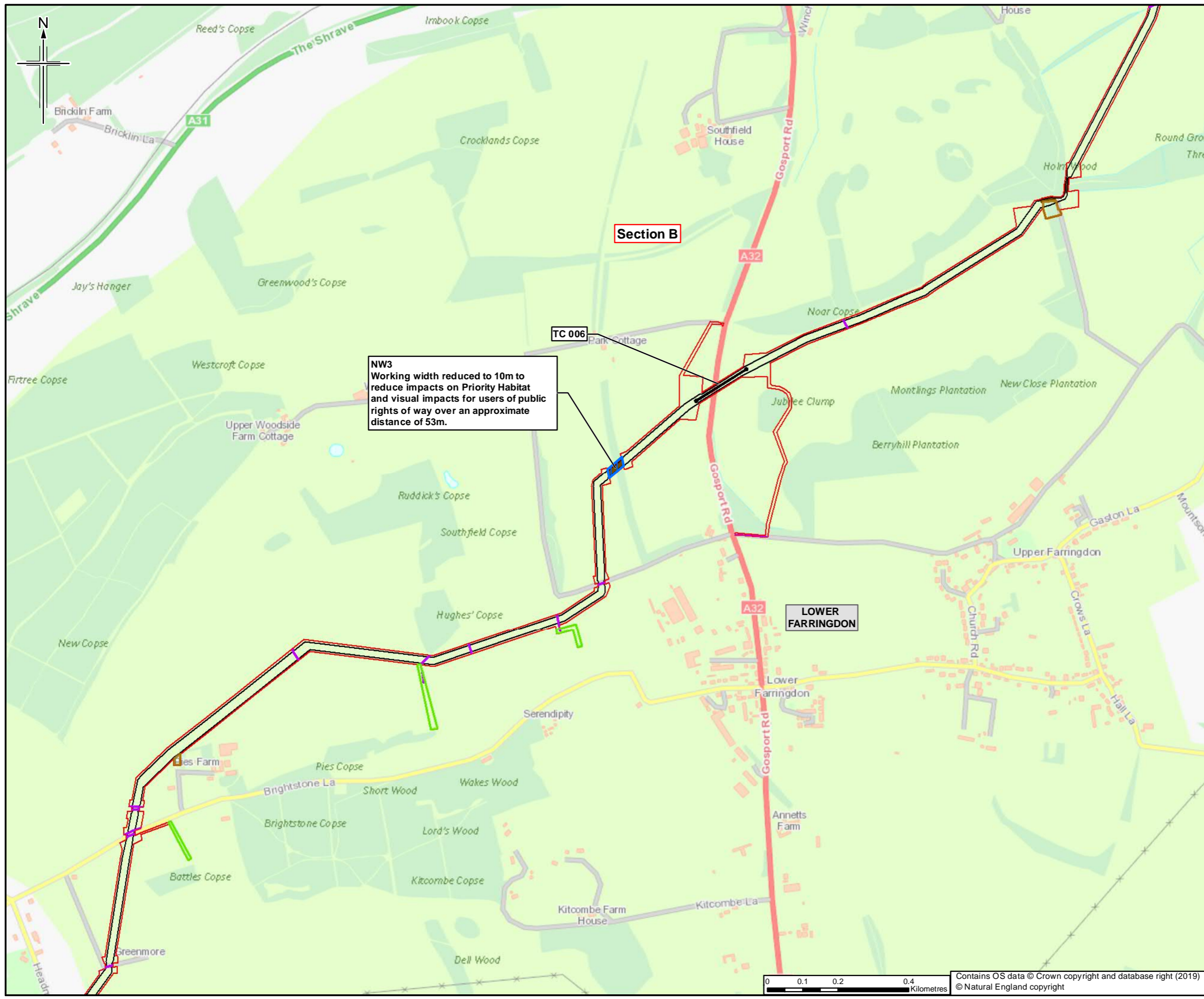
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- Legend**
- Order Limits
  - Limits of deviation
  - Trenchless crossing
  - Narrow width working
- Measures and Mitigation**
- Hedgerow infilling
  - Bat boxes
  - Dormouse mitigation: single-stage vegetation clearance under an EPS licence
  - Dormouse mitigation: two-stage clearance of vegetation under an EPS licence

**NW3**  
Working width reduced to 10m to reduce impacts on Priority Habitat and visual impacts for users of public rights of way over an approximate distance of 53m.

Sheet displays part of Section B

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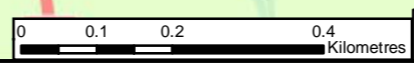
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Tel: +44(0)181 946 7000 Fax: +44(0)181 946 7001  
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**Client**  
Esso Petroleum Company, Limited  
Ermyn House,  
Ermyn Way,  
Leatherhead,  
Surrey,  
KT22 8UX

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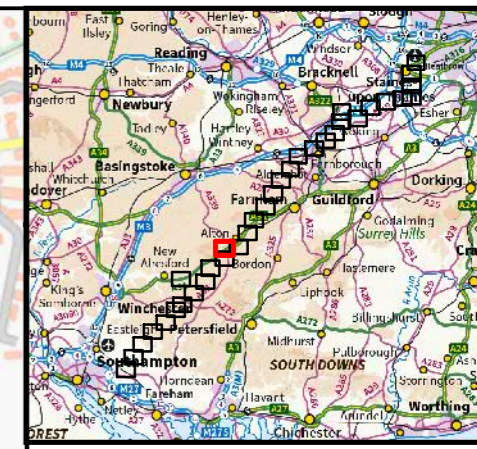
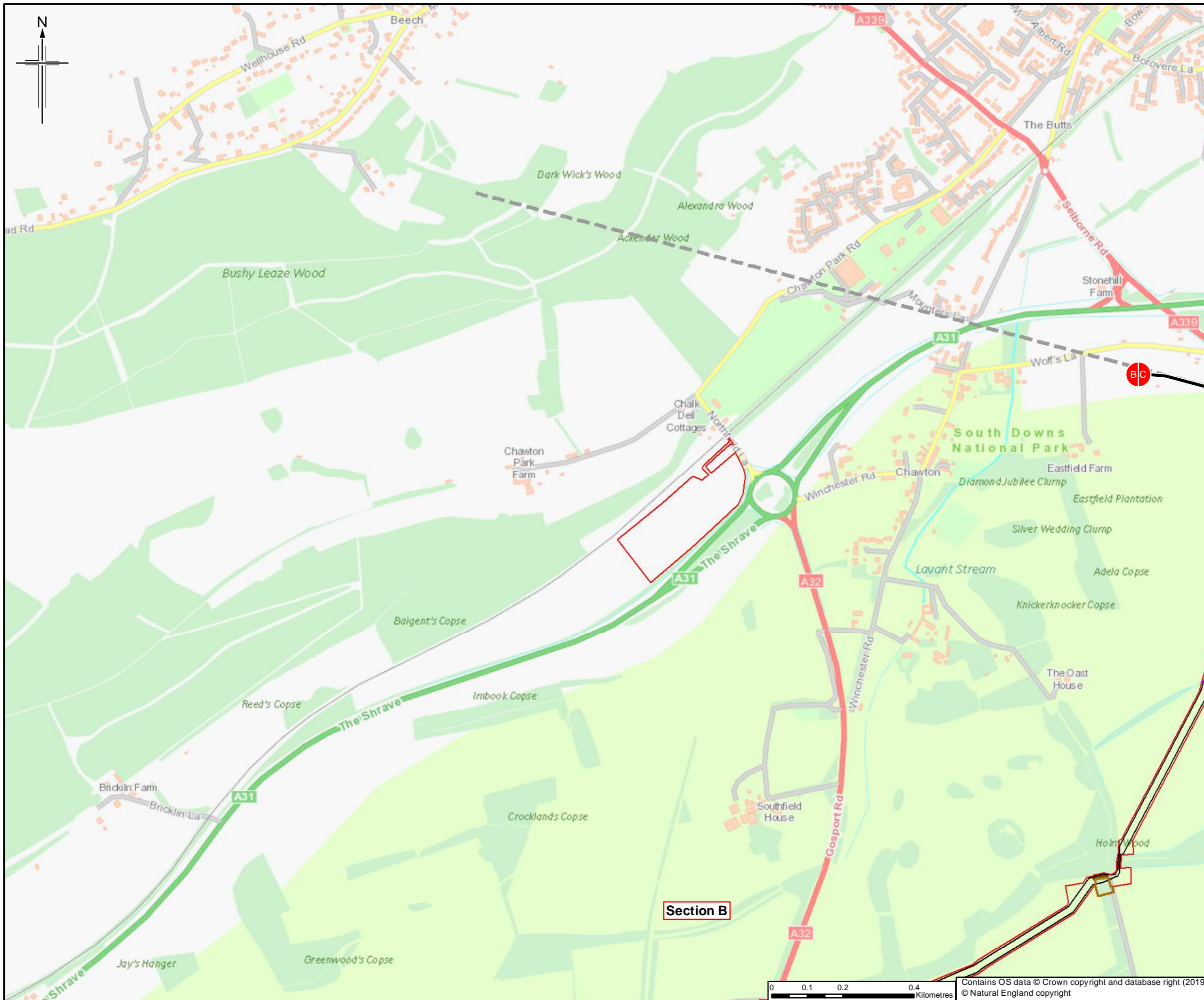
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APFP Reg. (2009) 5(2)(o)

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- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Section break
- Measures and Mitigation**
- Bat boxes
  - Dormouse mitigation: single-stage vegetation clearance under an EPS licence
  - Dormouse mitigation: two-stage clearance of vegetation under an EPS licence

Sheet displays part of Section B

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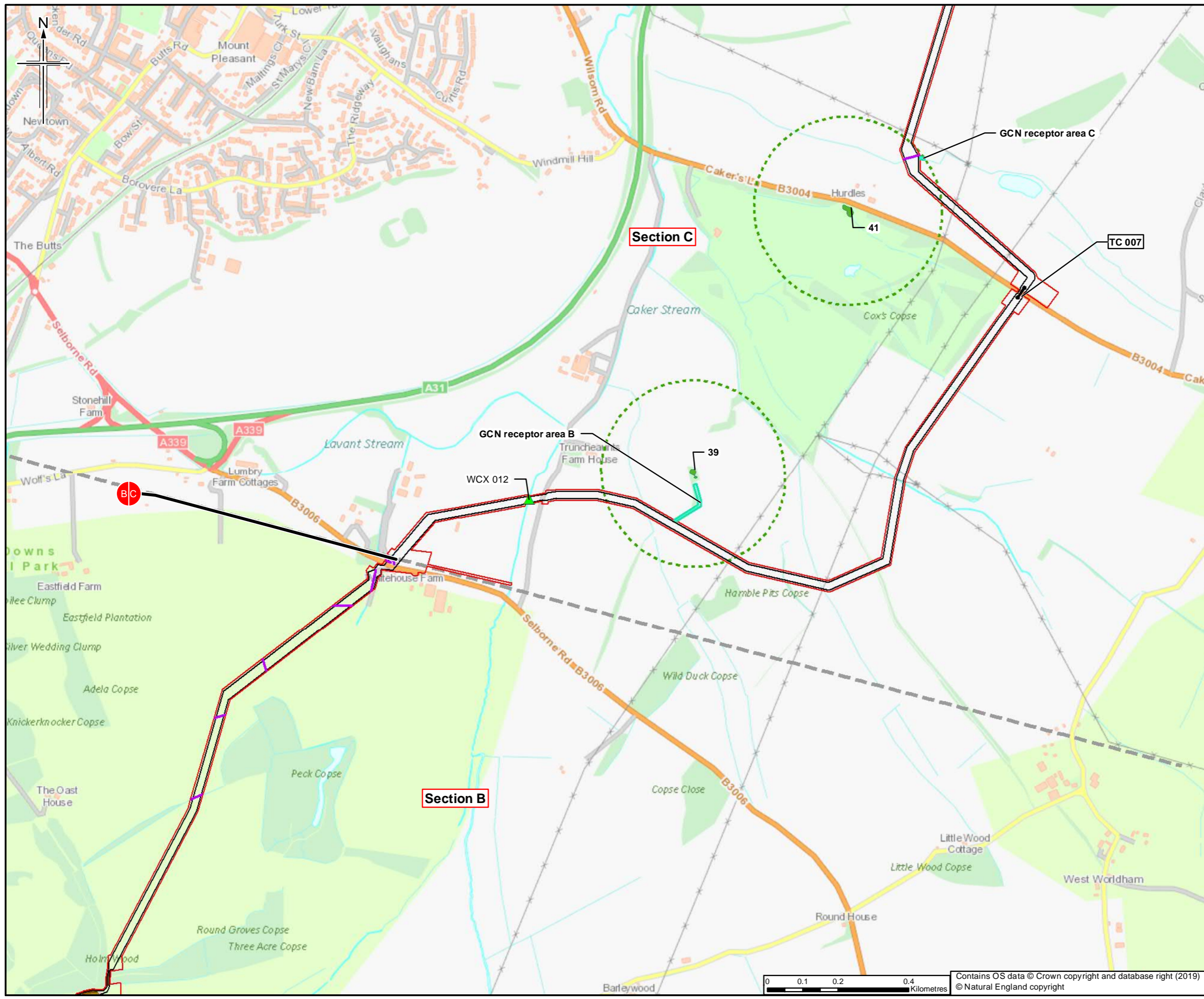
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 Tel: +44(0)118 946 7000 Fax: +44(0)118 946 7021  
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Client  
 Esso Petroleum Company, Limited  
 Ermyn House,  
 Ermyn Way,  
 Leatherhead,  
 Surrey,  
 KT22 8UX

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 MEASURES AND MITIGATION  
 APFP Reg. (2009) 5(2)(o)**

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Drawing number	Figure 7.5 Sheet 13 of 34
	Rev 0



- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Section break
  - Trenchless crossing
  - Positive GCN pond
- Measures and Mitigation**
- Bat boxes
  - Great crested newt (GCN) receptor areas
  - GCN mitigation: trapping and translocation and/or fingertip searching within the Order Limits under an EPS licence
  - ▲ Fish - migration and spawning (no works Oct-Dec and March-May)
  - Dormouse mitigation: single-stage vegetation clearance under an EPS licence
  - Dormouse mitigation: two-stage clearance of vegetation under an EPS licence

Sheet displays parts of Section B and Section C

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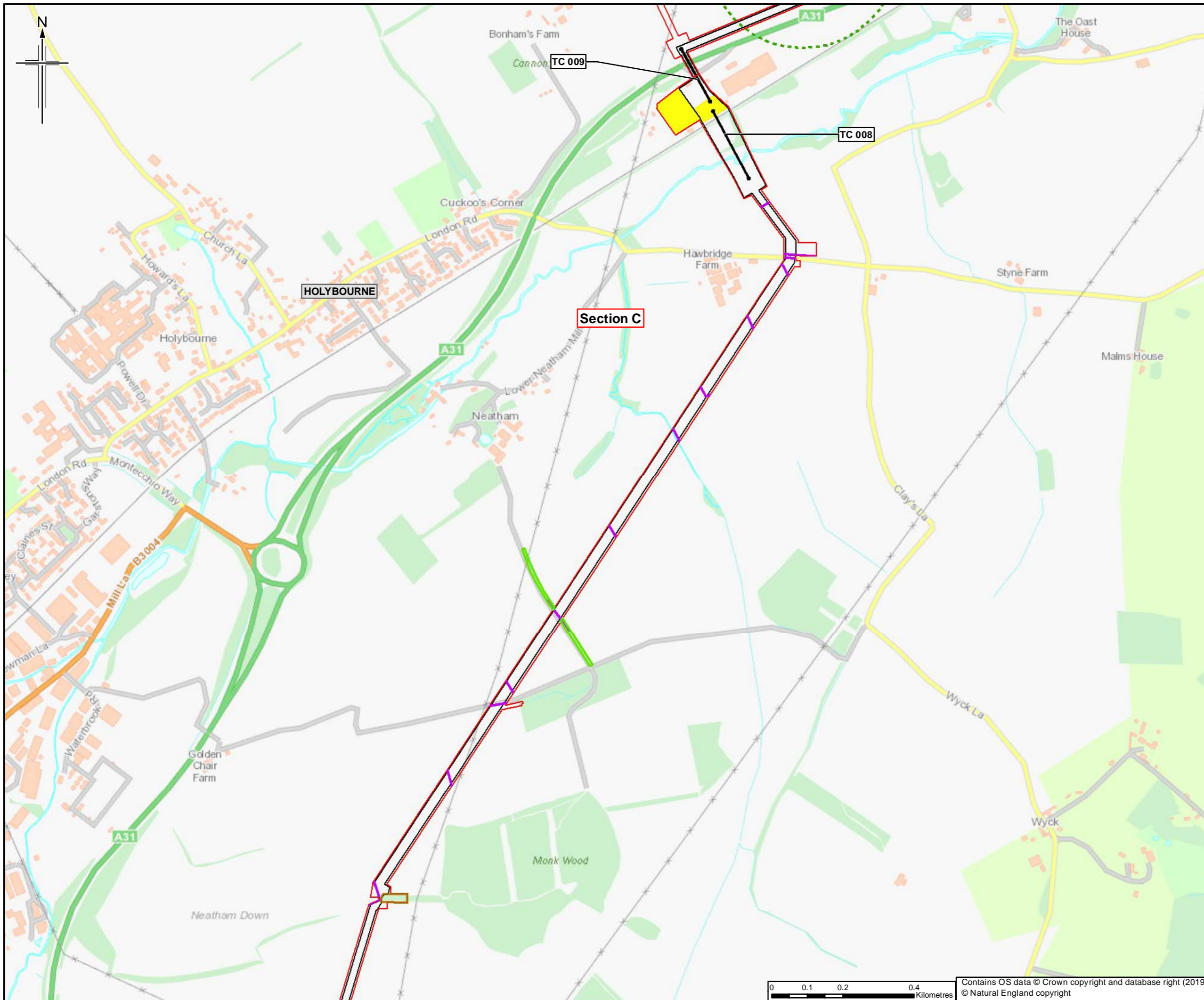
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 Ermyn Way,  
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Drawing number	Figure 7.5 Sheet 14 of 34	Rev 0



- Legend**
- Order Limits
  - Limits of deviation
  - Trenchless crossing
- Measures and Mitigation**
- Hedgerow infilling
  - Bat boxes
  - GCN mitigation: trapping and translocation and/or fingertip searching within the Order Limits under an EPS licence
  - Common reptile - habitat manipulation (mid-March to October)
  - Dormouse mitigation: single-stage vegetation clearance under an EPS licence

Sheet displays part of Section C

Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Check'd	Rev'd	Apprv'd
0	28/03/2019	For Issue	LM	NS	LG	SH

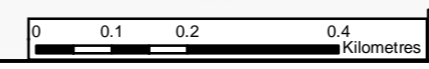
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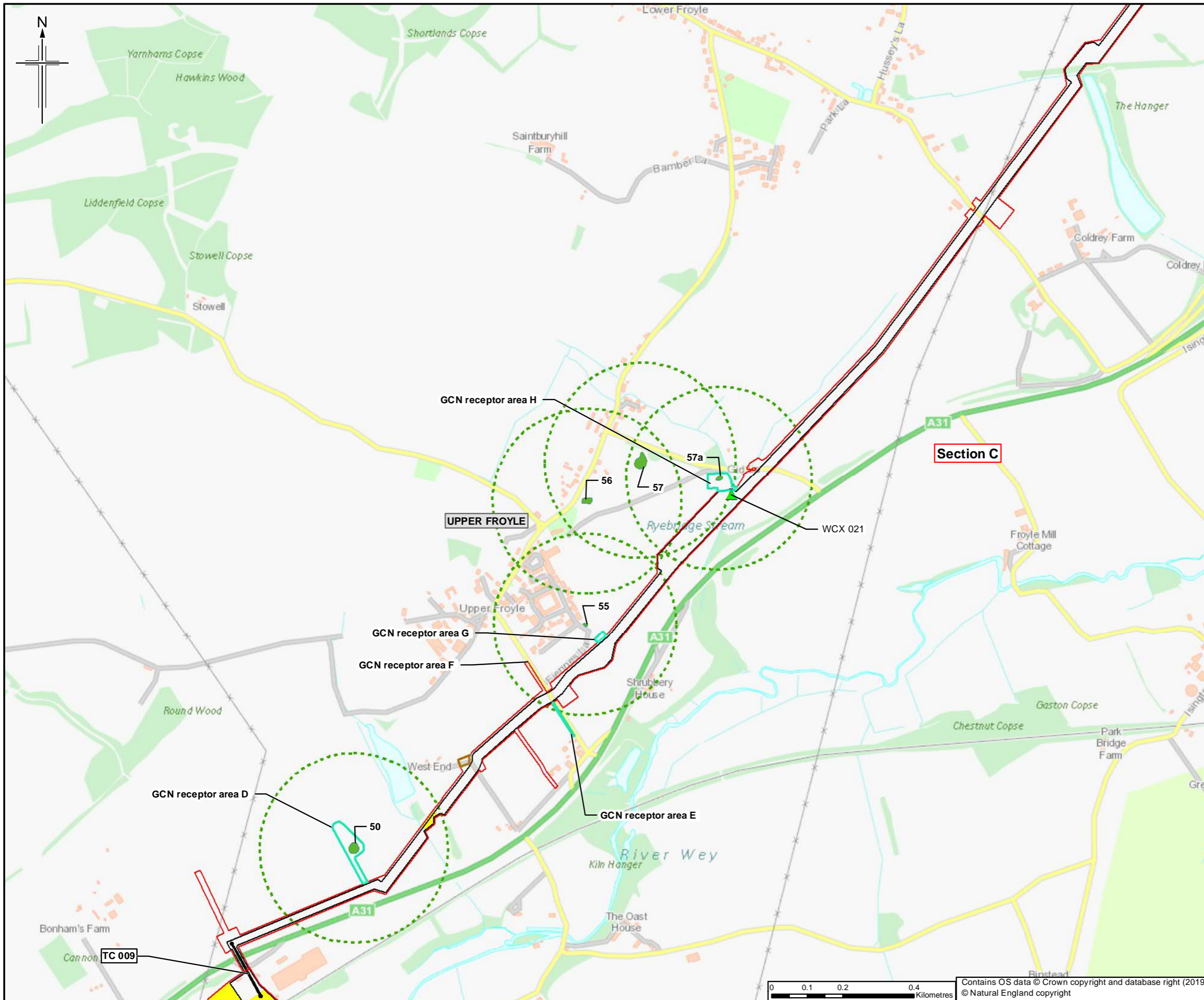
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- Legend**
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  - Limits of deviation
  - Trenchless crossing
  - Positive GCN pond
- Measures and Mitigation**
- Bat boxes
  - Great crested newt (GCN) receptor areas
  - GCN mitigation: trapping and translocation and/or fingertip searching within the Order Limits under an EPS licence
  - ▲ Fish - migration and spawning (no works Oct-Dec and March-May)
  - Common reptile - habitat manipulation (mid-March to October)

Sheet displays part of Section C

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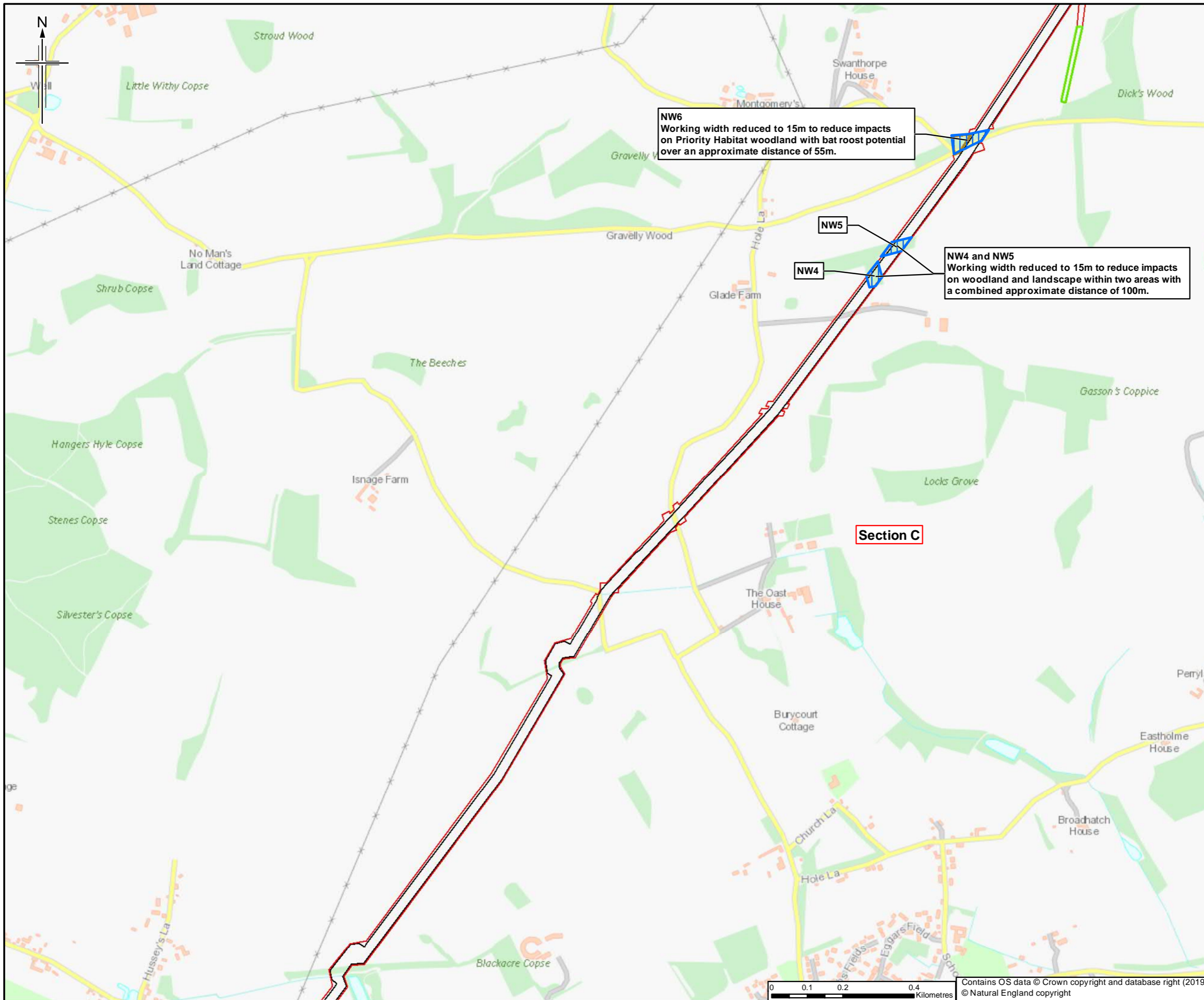
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 1180 Epcote Road, Wokingham, Wokingham, RG41 0TU, UK  
 Tel: +44(0)118 946 7000 Fax: +44(0)118 946 7021  
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Client  
 Esso Petroleum Company, Limited  
 Ermyn House,  
 Ermyn Way,  
 Leatherhead,  
 Surrey,  
 KT22 8UX

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	Rev 0



- Legend**
- Order Limits
  - Limits of deviation
  - Narrow width working
- Measures and Mitigation**
- Hedgerow infilling
  - Bat boxes

Sheet displays part of Section C

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Tel: +44(0)118 946 7000 Fax: +44(0)118 946 7001  
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Ermyn House,  
Ermyn Way,  
Leatherhead,  
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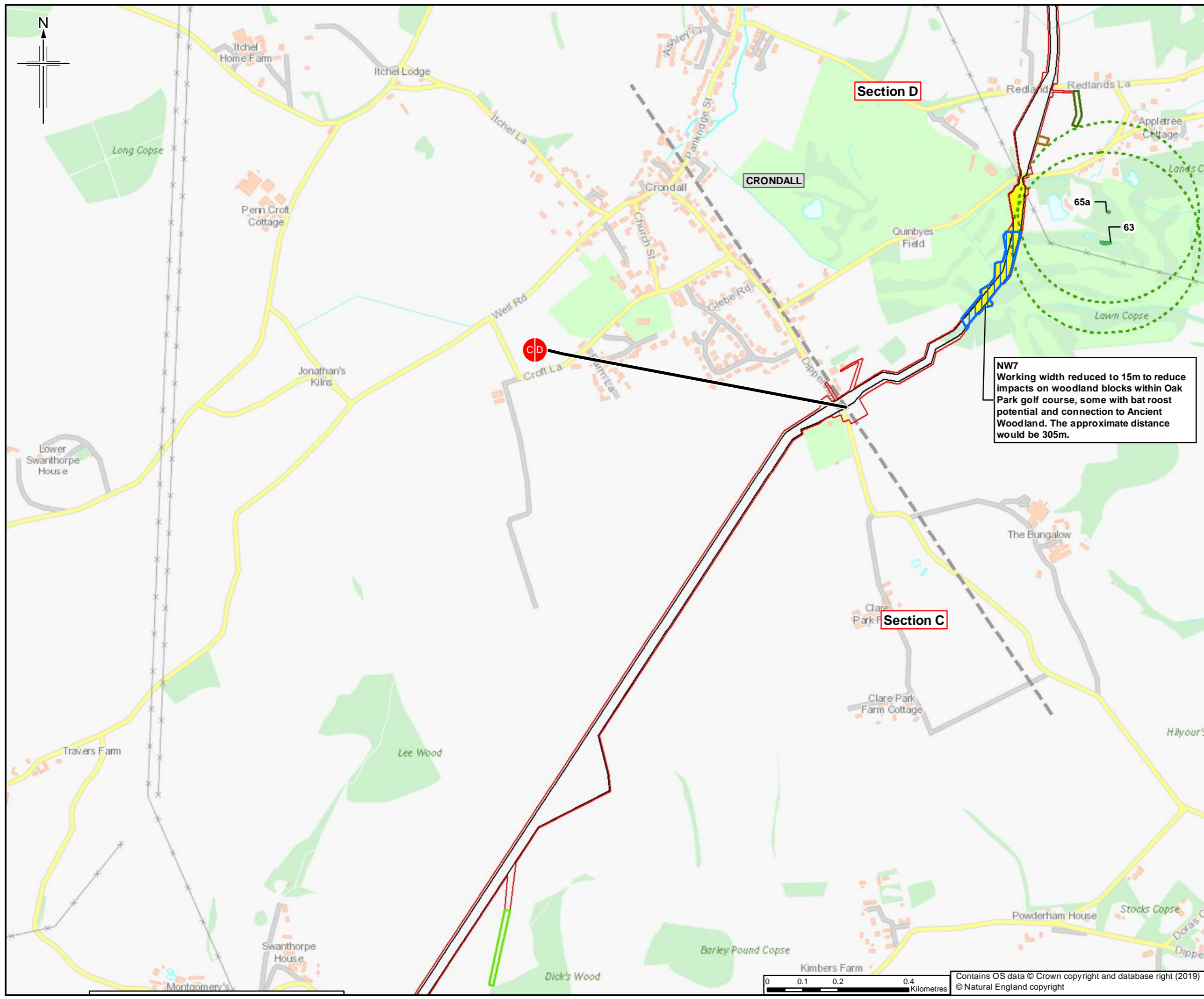
**Project**

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- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Section break
  - Narrow width working
  - Positive GCN pond
- Measures and Mitigation**
- Hedgerow infilling
  - Bat boxes
  - Tree planting
  - GCN mitigation: trapping and translocation and/or fingertip searching within the Order Limits under an EPS licence
  - Common reptile - habitat manipulation (mid-March to October)

**NW7**  
Working width reduced to 15m to reduce impacts on woodland blocks within Oak Park golf course, some with bat roost potential and connection to Ancient Woodland. The approximate distance would be 305m.

Sheet displays parts of Section C and Section D

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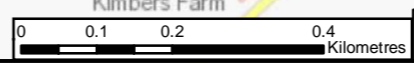
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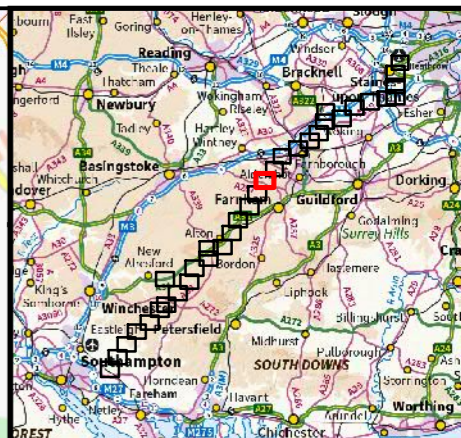
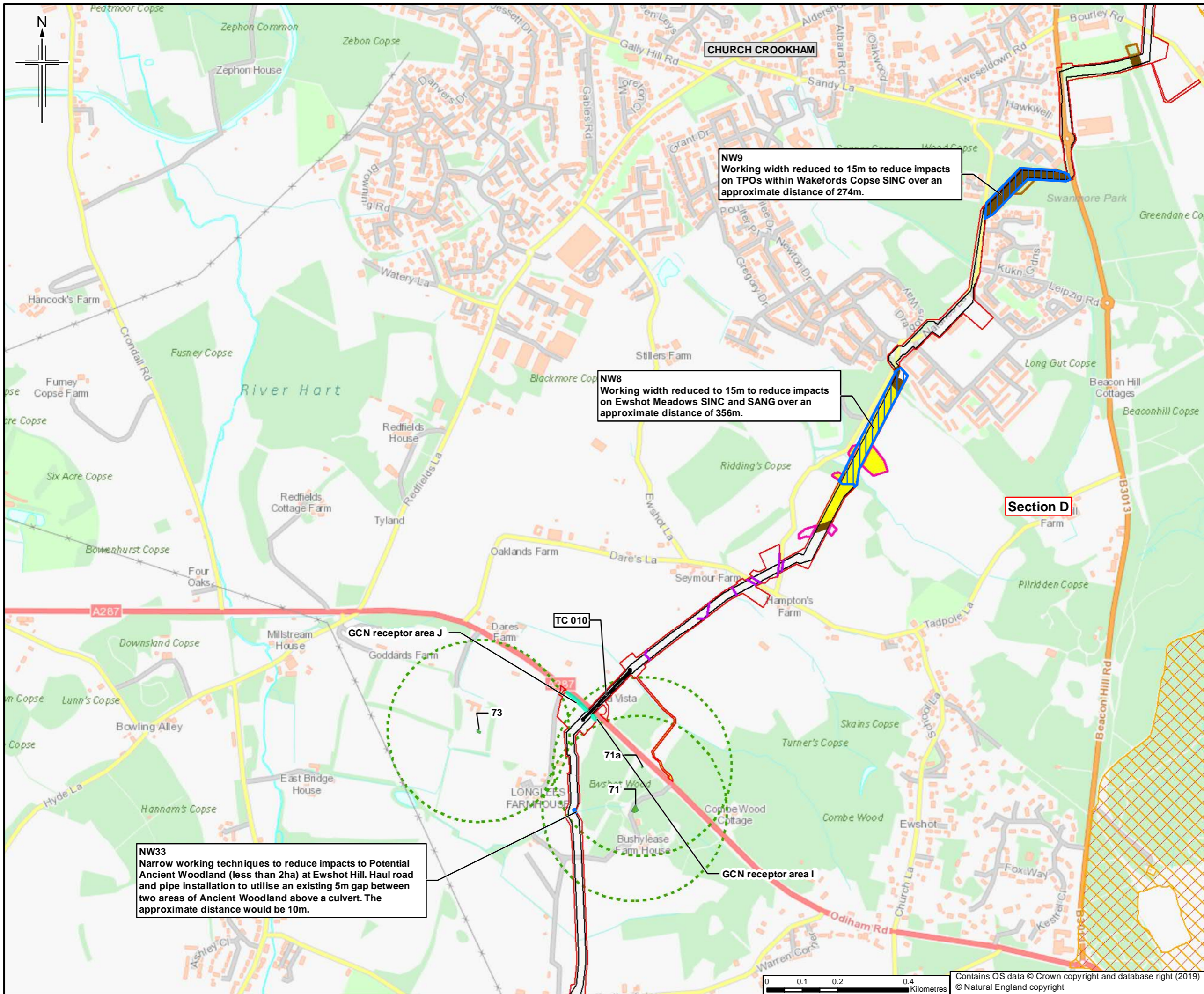
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- Legend**
- Order Limits
  - Limits of deviation
  - Trenchless crossing
  - Narrow width working
  - Thames Basin Heaths Special Protection Area (SPA)
  - Site of Special Scientific Interest (SSSI)
  - Positive GCN pond
- Measures and Mitigation**
- Area within which good practice habitat measures could be implemented, as required e.g. HRA2, G53
  - Bat boxes
  - Great crested newt (GCN) receptor areas
  - GCN mitigation: trapping and translocation and/or fingertip searching within the Order Limits under an EPS licence
  - Common reptile - habitat manipulation (mid-March to October)
  - Dormouse mitigation: single-stage vegetation clearance under an EPS licence
  - Dormouse mitigation: two-stage clearance of vegetation under an EPS licence

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**NW33**  
 Narrow working techniques to reduce impacts to Potential Ancient Woodland (less than 2ha) at Ewshot Hill. Haul road and pipe installation to utilise an existing 5m gap between two areas of Ancient Woodland above a culvert. The approximate distance would be 10m.

**NW8**  
 Working width reduced to 15m to reduce impacts on Ewshot Meadows SINC and SANG over an approximate distance of 356m.

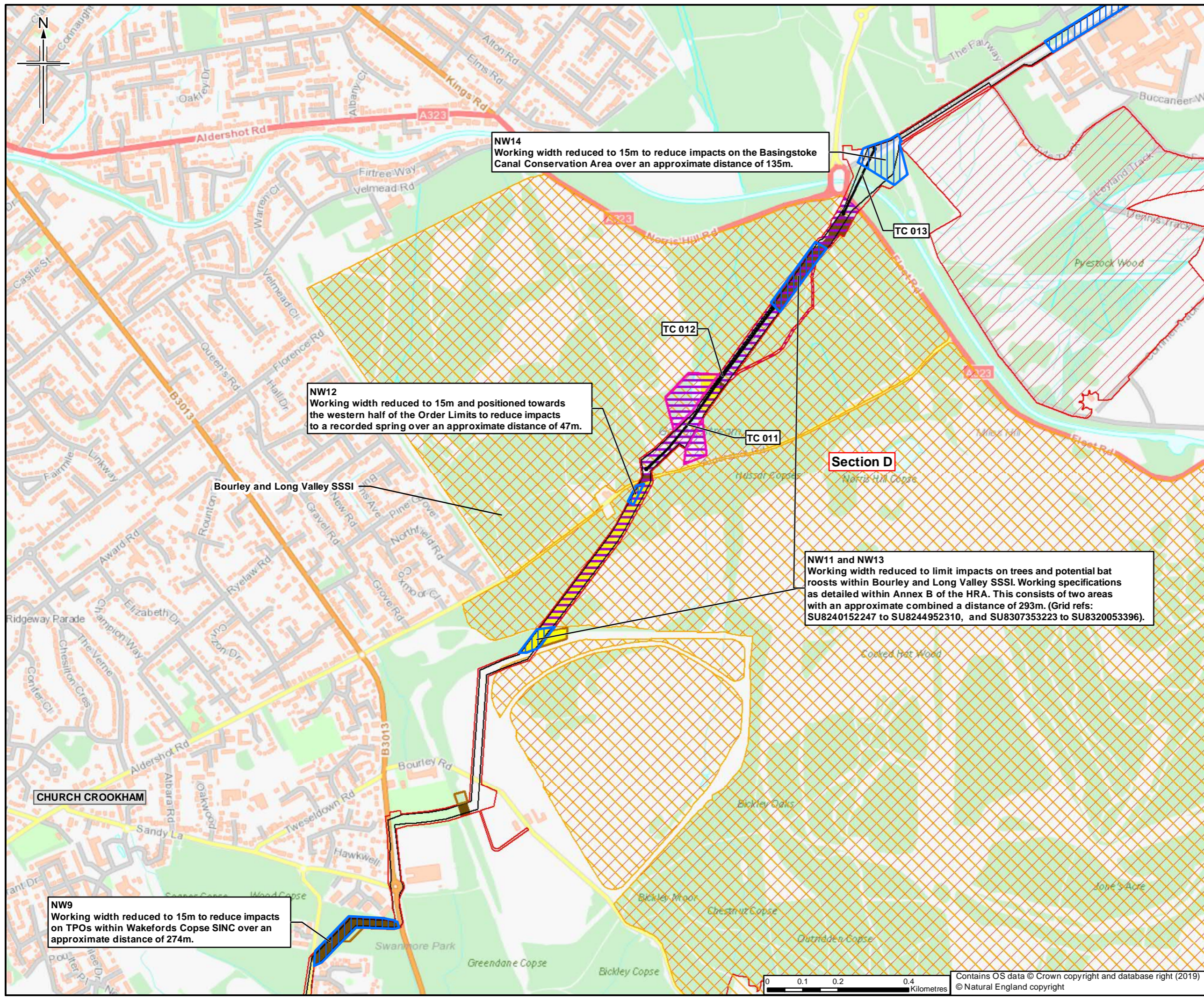
**NW9**  
 Working width reduced to 15m to reduce impacts on TPOs within Wakefords Copse SINC over an approximate distance of 274m.

**Section D**



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**NW14**  
Working width reduced to 15m to reduce impacts on the Basingstoke Canal Conservation Area over an approximate distance of 135m.

**NW12**  
Working width reduced to 15m and positioned towards the western half of the Order Limits to reduce impacts to a recorded spring over an approximate distance of 47m.

**NW11 and NW13**  
Working width reduced to limit impacts on trees and potential bat roosts within Bourley and Long Valley SSSI. Working specifications as detailed within Annex B of the HRA. This consists of two areas with an approximate combined a distance of 293m. (Grid refs: SU8240152247 to SU8244952310, and SU8307353223 to SU8320053396).

**NW9**  
Working width reduced to 15m to reduce impacts on TPOs within Wakefords Copse SINC over an approximate distance of 274m.



- Legend**
- Order Limits
  - Limits of deviation
  - Trenchless crossing
  - Narrow width working
  - Thames Basin Heaths Special Protection Area (SPA)
  - Site of Special Scientific Interest (SSSI)
- Measures and Mitigation**
- Area within which good practice habitat measures could be implemented, as required e.g. HRA2, G53
  - Bat boxes
  - Common reptile - habitat manipulation (mid-March to October)
  - Thames Basin Heaths SPA: Potentially disturbing construction works within the Thames Basin Heaths SPA would be undertaken between 1 October and 31 January unless otherwise agreed with Natural England
  - Dormouse mitigation: two-stage clearance of vegetation under an EPS licence

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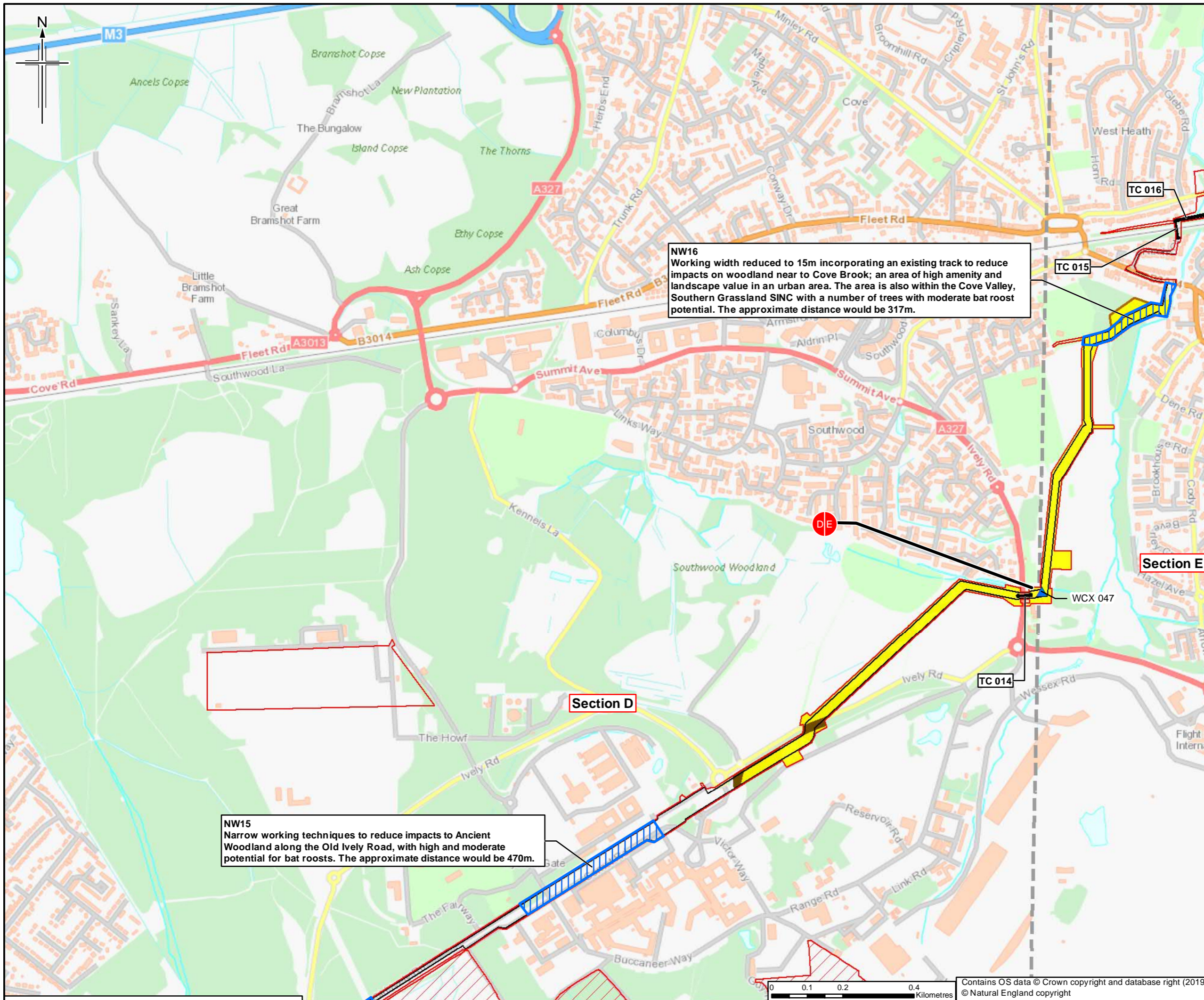
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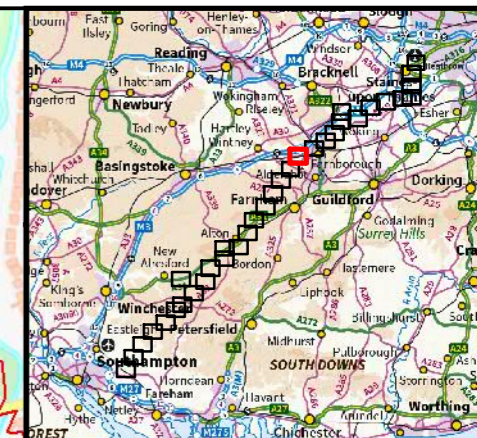
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**NW16**  
 Working width reduced to 15m incorporating an existing track to reduce impacts on woodland near to Cove Brook; an area of high amenity and landscape value in an urban area. The area is also within the Cove Valley, Southern Grassland SINIC with a number of trees with moderate bat roost potential. The approximate distance would be 317m.

**NW15**  
 Narrow working techniques to reduce impacts to Ancient Woodland along the Old Ively Road, with high and moderate potential for bat roosts. The approximate distance would be 470m.



- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Section break
  - Trenchless crossing
  - Narrow width working
  - Thames Basin Heaths Special Protection Area (SPA)
- Measures and Mitigation**
- Bat boxes
  - ▲ Fish - spawning (no works March-May)
  - Common reptile - habitat manipulation (mid-March to October)
  - Dormouse mitigation: two-stage clearance of vegetation under an EPS licence

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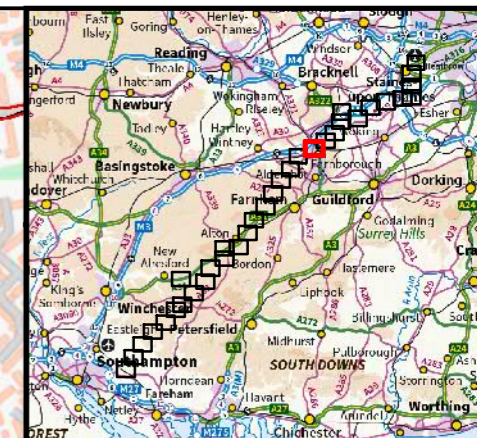
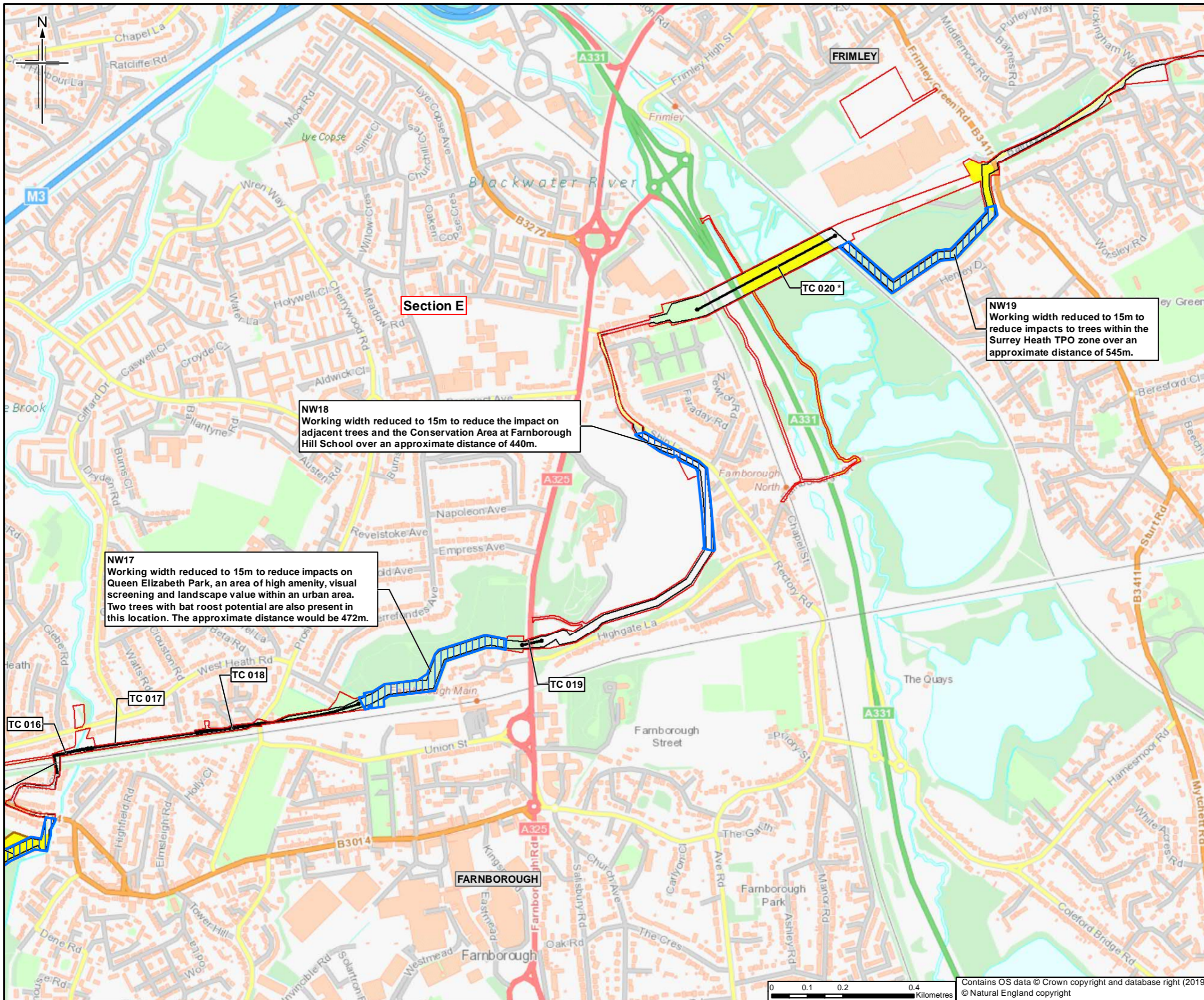
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- Legend**
- Order Limits
  - Limits of deviation
  - Trenchless crossing
  - Narrow width working
- Measures and Mitigation**
- Bat boxes
  - Common reptile - habitat manipulation (mid-March to October)

**Section E**

**NW18**  
Working width reduced to 15m to reduce the impact on adjacent trees and the Conservation Area at Farnborough Hill School over an approximate distance of 440m.

**NW17**  
Working width reduced to 15m to reduce impacts on Queen Elizabeth Park, an area of high amenity, visual screening and landscape value within an urban area. Two trees with bat roost potential are also present in this location. The approximate distance would be 472m.

**NW19**  
Working width reduced to 15m to reduce impacts to trees within the Surrey Heath TPO zone over an approximate distance of 545m.

\* Crossing method not finalised due to uncertainty about ground conditions.

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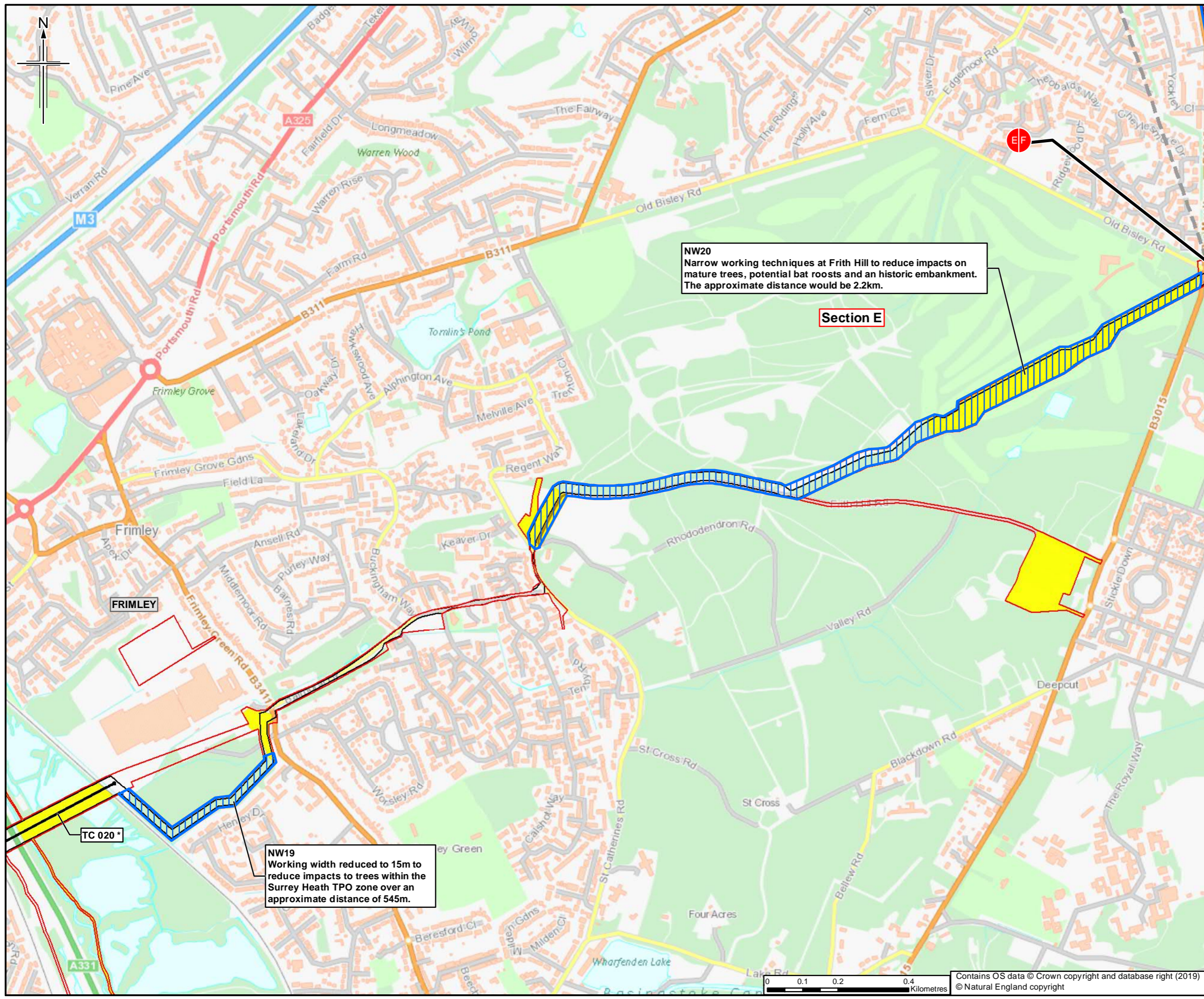
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**NW20**  
Narrow working techniques at Frith Hill to reduce impacts on mature trees, potential bat roosts and an historic embankment. The approximate distance would be 2.2km.

**Section E**

**NW19**  
Working width reduced to 15m to reduce impacts to trees within the Surrey Heath TPO zone over an approximate distance of 545m.

- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Section break
  - Trenchless crossing
  - Narrow width working
  - Thames Basin Heaths Special Protection Area (SPA)
  - Site of Special Scientific Interest (SSSI)
- Measures and Mitigation**
- Bat boxes
  - Common reptile - habitat manipulation (mid-March to October)
- Thames Basin Heaths SPA: Potentially disturbing construction works within the Thames Basin Heaths SPA would be undertaken between 1 October and 31 January unless otherwise agreed with Natural England

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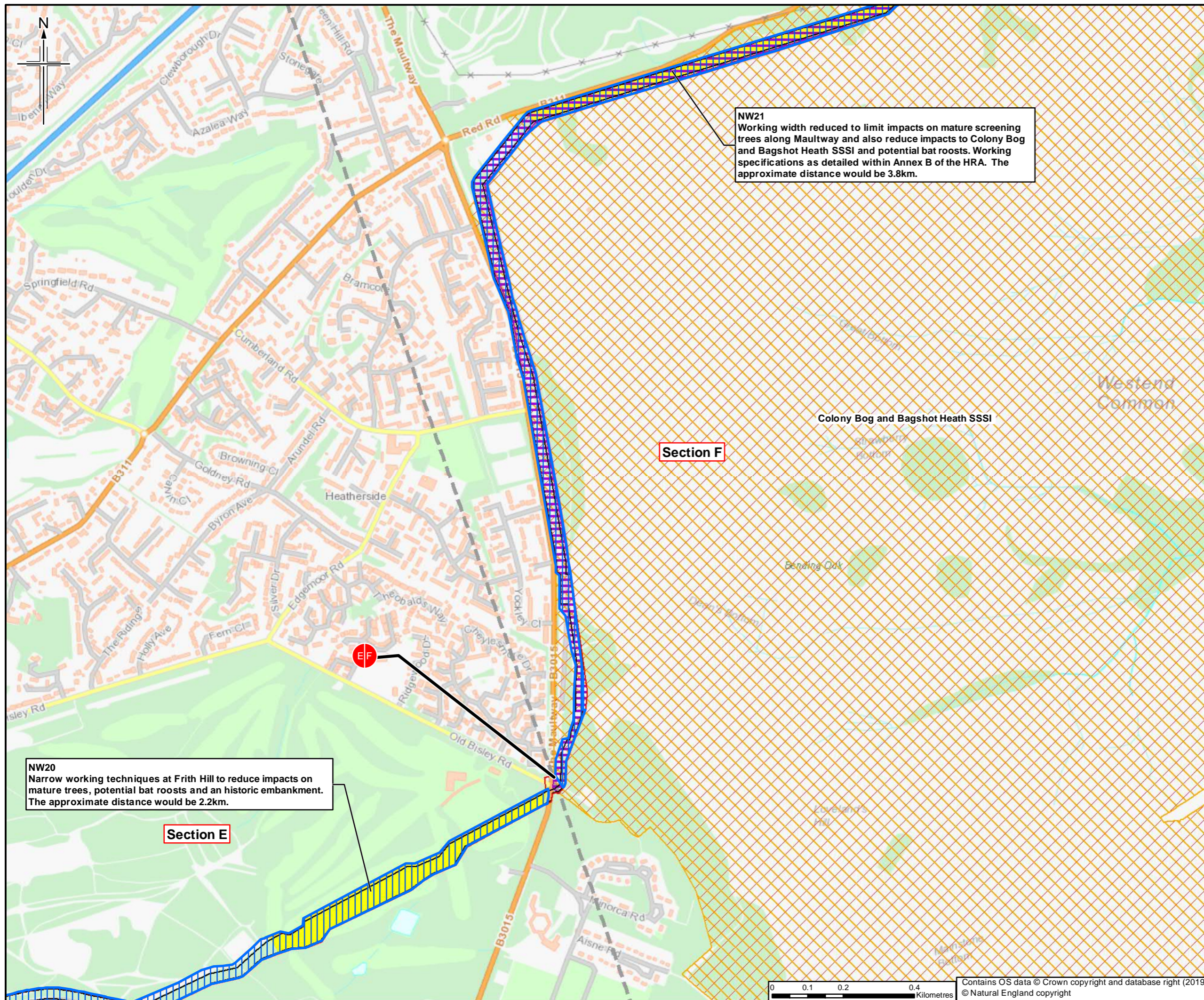
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**NW21**  
Working width reduced to limit impacts on mature screening trees along Maultway and also reduce impacts to Colony Bog and Bagshot Heath SSSI and potential bat roosts. Working specifications as detailed within Annex B of the HRA. The approximate distance would be 3.8km.

**NW20**  
Narrow working techniques at Frith Hill to reduce impacts on mature trees, potential bat roosts and an historic embankment. The approximate distance would be 2.2km.

- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Section break
  - Narrow width working
  - Thames Basin Heaths Special Protection Area (SPA)
  - Site of Special Scientific Interest (SSSI)
- Measures and Mitigation**
- Common reptile - habitat manipulation (mid-March to October)
  - Thames Basin Heaths SPA would be undertaken between 1 October and 31 January unless otherwise agreed with Natural England

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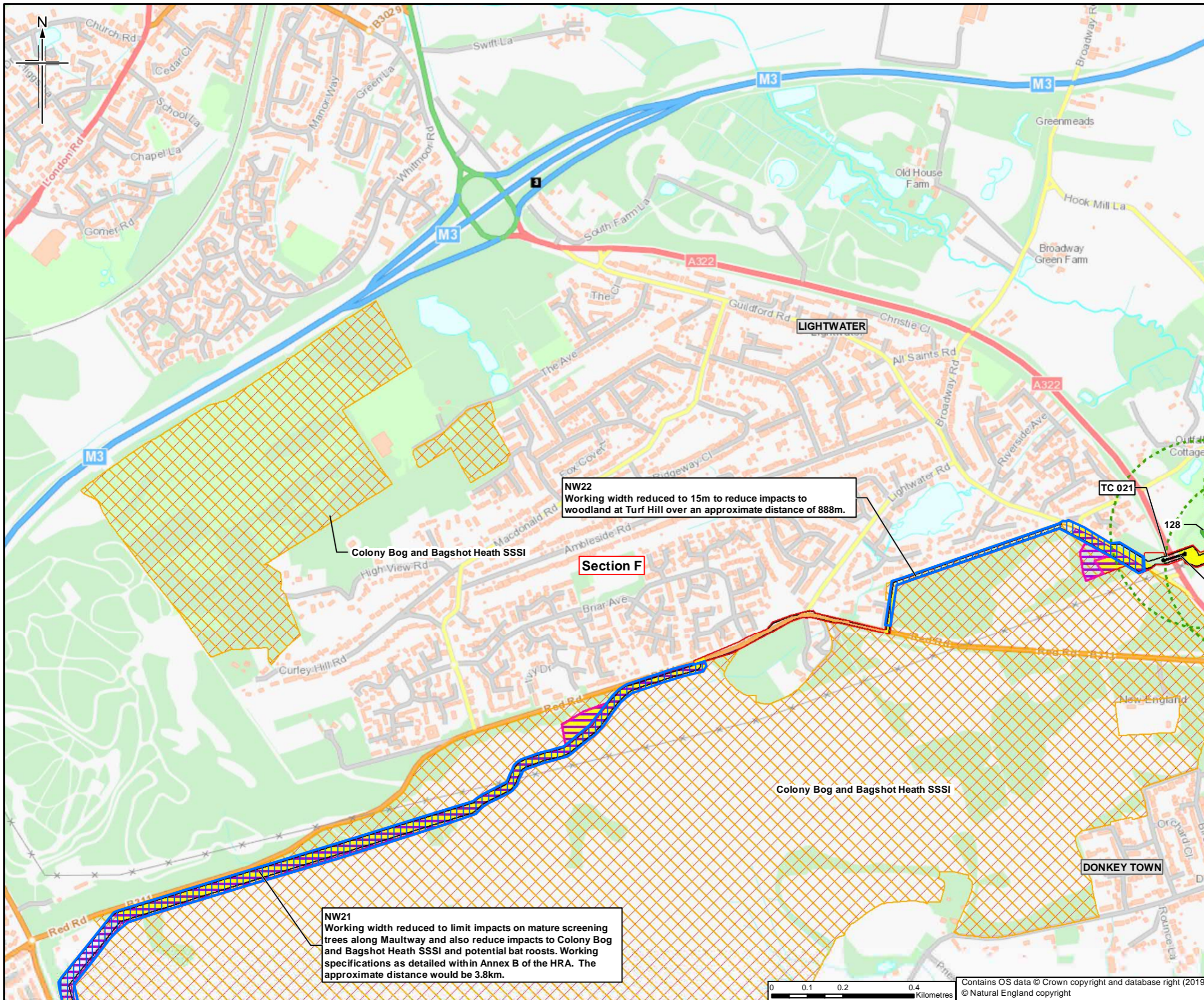
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- Legend**
- Order Limits
  - Limits of deviation
  - Trenchless crossing
  - Narrow width working
  - Thames Basin Heaths Special Protection Area (SPA)
  - Site of Special Scientific Interest (SSSI)
  - Positive GCN pond
- Measures and Mitigation**
- Area within which good practice habitat measures could be implemented, as required e.g. HRA2, G53
  - Great crested newt (GCN) receptor areas
  - GCN mitigation: trapping and translocation and/or fingertip searching within the Order Limits under an EPS licence
  - Common reptile - habitat manipulation (mid-March to October)
  - Thames Basin Heaths SPA: Potentially disturbing construction works within the SPA would be undertaken between 1 October and 31 January unless otherwise agreed with Natural England

**NW22**  
Working width reduced to 15m to reduce impacts to woodland at Turf Hill over an approximate distance of 888m.

**NW21**  
Working width reduced to limit impacts on mature screening trees along Maultway and also reduce impacts to Colony Bog and Bagshot Heath SSSI and potential bat roosts. Working specifications as detailed within Annex B of the HRA. The approximate distance would be 3.8km.

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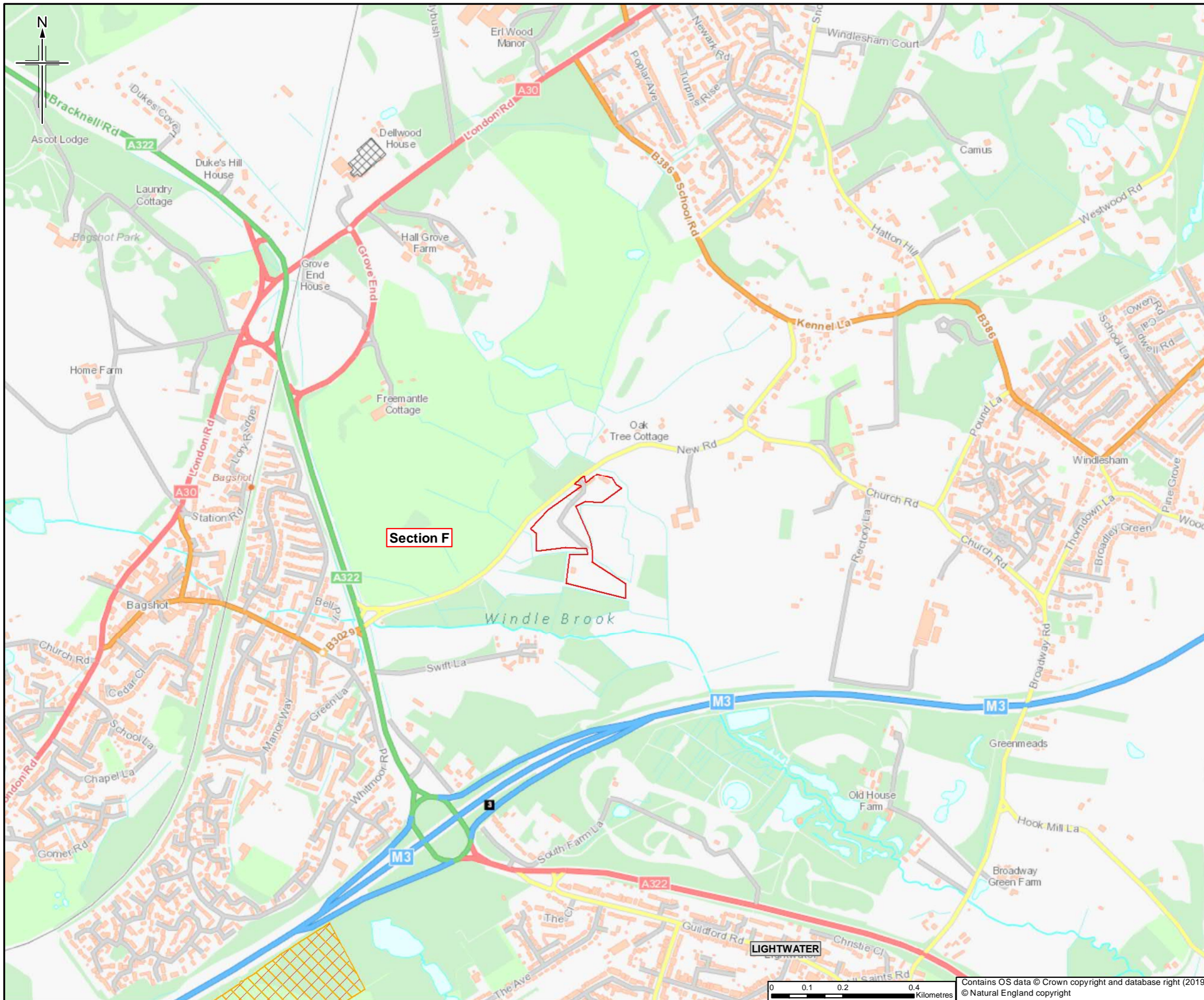
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- Legend**
- Order Limits
  - Thames Basin Heaths Special Protection Area (SPA)
  - Site of Special Scientific Interest (SSSI)

**Section F**

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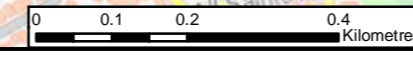
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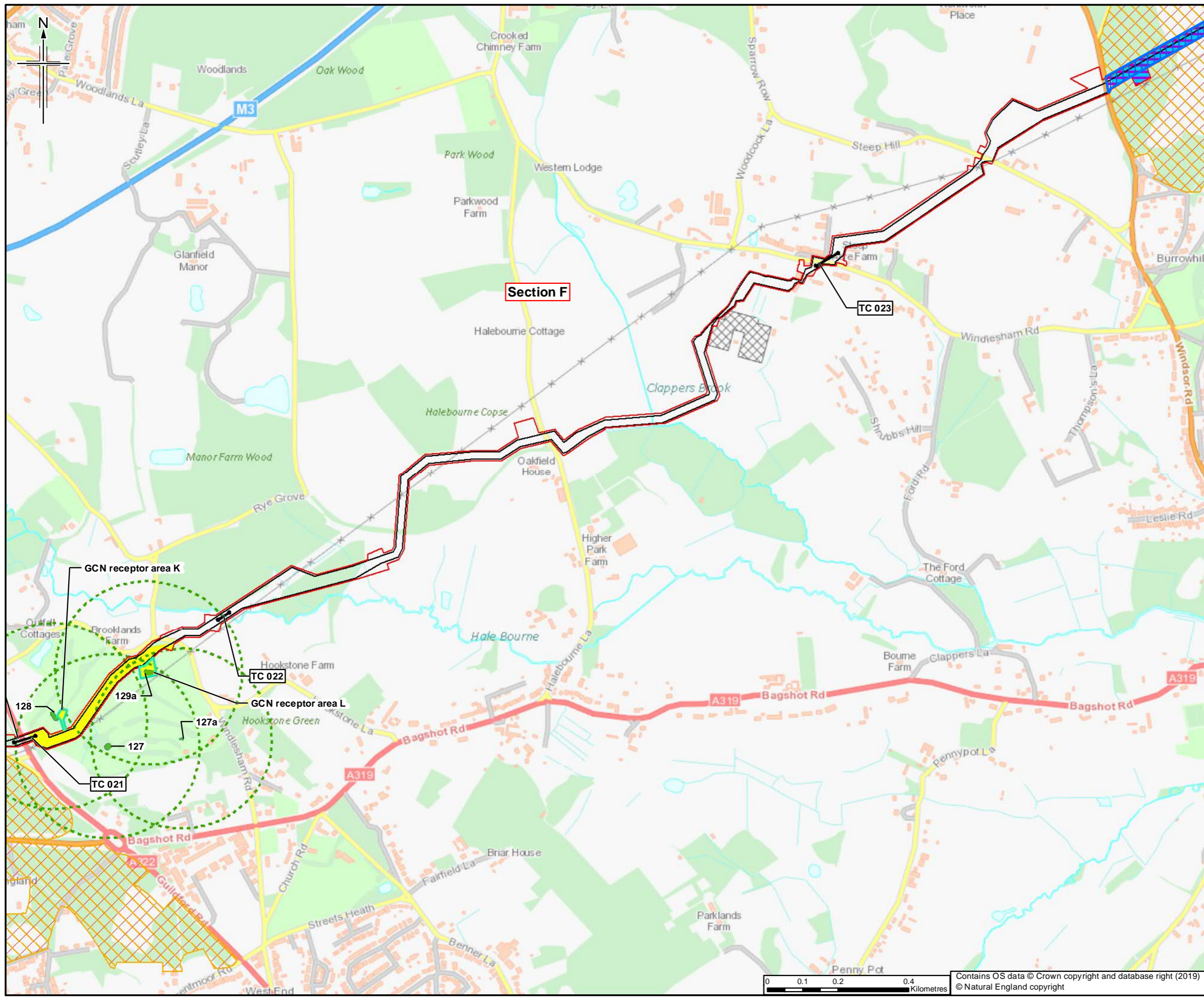
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- Legend**
- Order Limits
  - Limits of deviation
  - Trenchless crossing
  - Narrow width working
  - Thames Basin Heaths Special Protection Area (SPA)
  - Site of Special Scientific Interest (SSSI)
  - Positive GCN pond
- Measures and Mitigation**
- Great crested newt (GCN) receptor areas
  - GCN mitigation: trapping and translocation and/or fingertip searching within the Order Limits under an EPS licence
  - Sand lizard mitigation: habitat manipulation and/or localised trapping and translocation under an EPS licence
  - Common reptile - habitat manipulation (mid-March to October)
- Thames Basin Heaths SPA: Potentially disturbing construction works within the SPA would be undertaken between 1 October and 31 January unless otherwise agreed with Natural England

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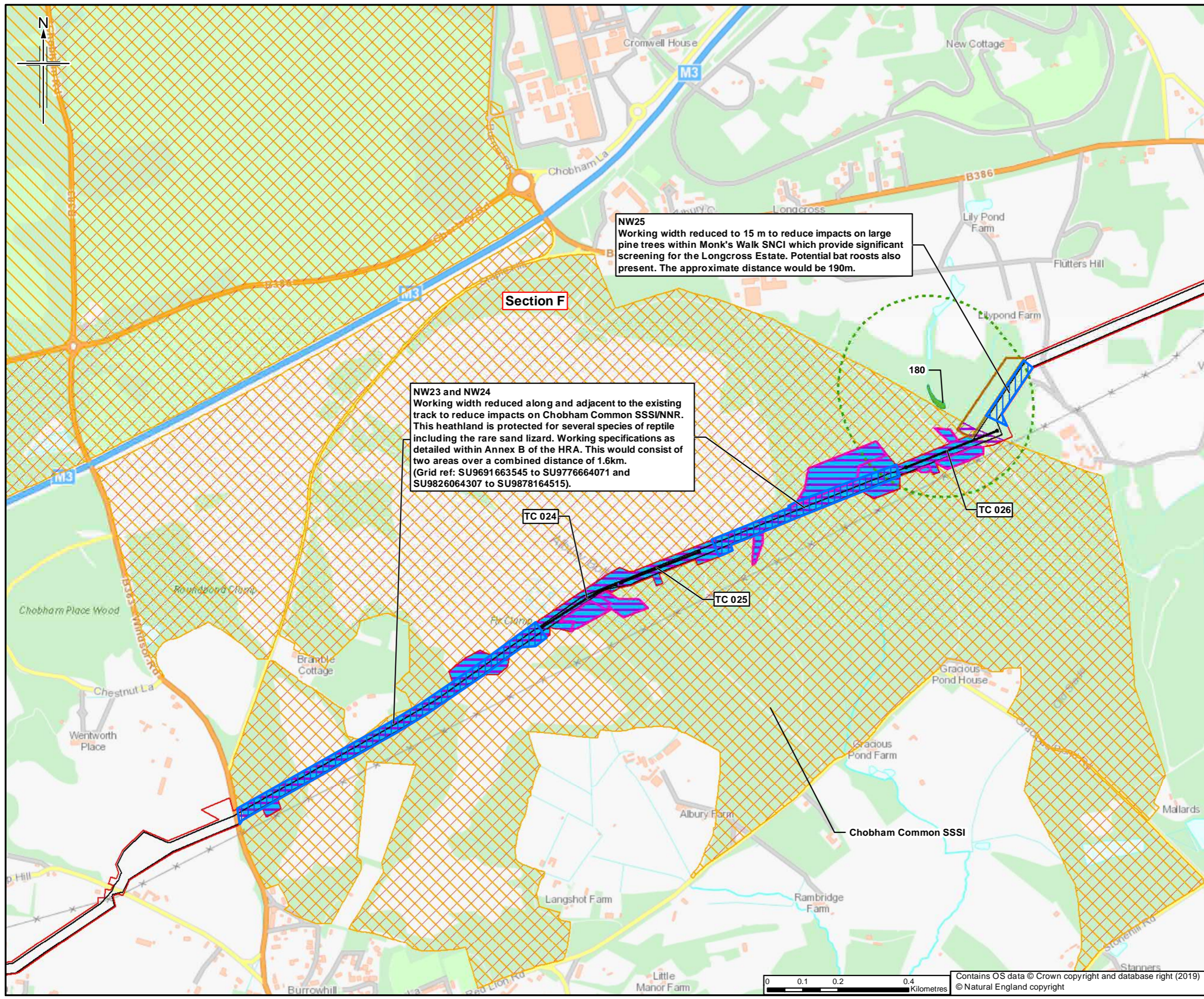
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**NW25**  
Working width reduced to 15 m to reduce impacts on large pine trees within Monk's Walk SNCI which provide significant screening for the Longcross Estate. Potential bat roosts also present. The approximate distance would be 190m.

**NW23 and NW24**  
Working width reduced along and adjacent to the existing track to reduce impacts on Chobham Common SSSI/NNR. This heathland is protected for several species of reptile including the rare sand lizard. Working specifications as detailed within Annex B of the HRA. This would consist of two areas over a combined distance of 1.6km. (Grid ref: SU9691663545 to SU9776664071 and SU9826064307 to SU9878164515).



- Legend**
- Order Limits
  - Limits of deviation
  - Trenchless crossing
  - Narrow width working
  - Thames Basin Heaths Special Protection Area (SPA)
  - Site of Special Scientific Interest (SSSI)
  - Positive GCN pond
- Measures and Mitigation**
- Area within which good practice habitat measures could be implemented, as required e.g. HRA2, G53
  - Bat boxes
  - GCN mitigation: trapping and translocation and/or fingertip searching within the Order Limits under an EPS licence
  - Sand lizard mitigation: habitat manipulation and/or localised trapping and translocation under an EPS licence
  - Common reptile - habitat manipulation (mid-March to October)
  - Thames Basin Heaths SPA: Potentially disturbing construction works within the SPA would be undertaken between 1 October and 31 January unless otherwise agreed with Natural England

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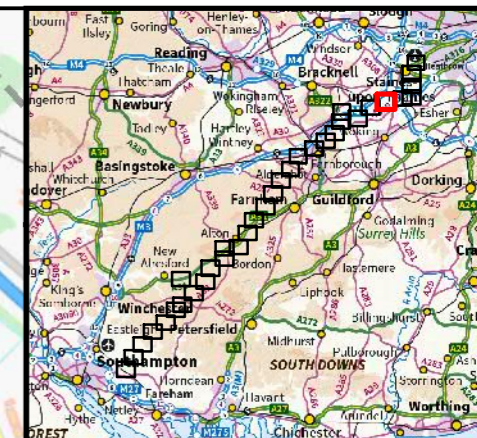
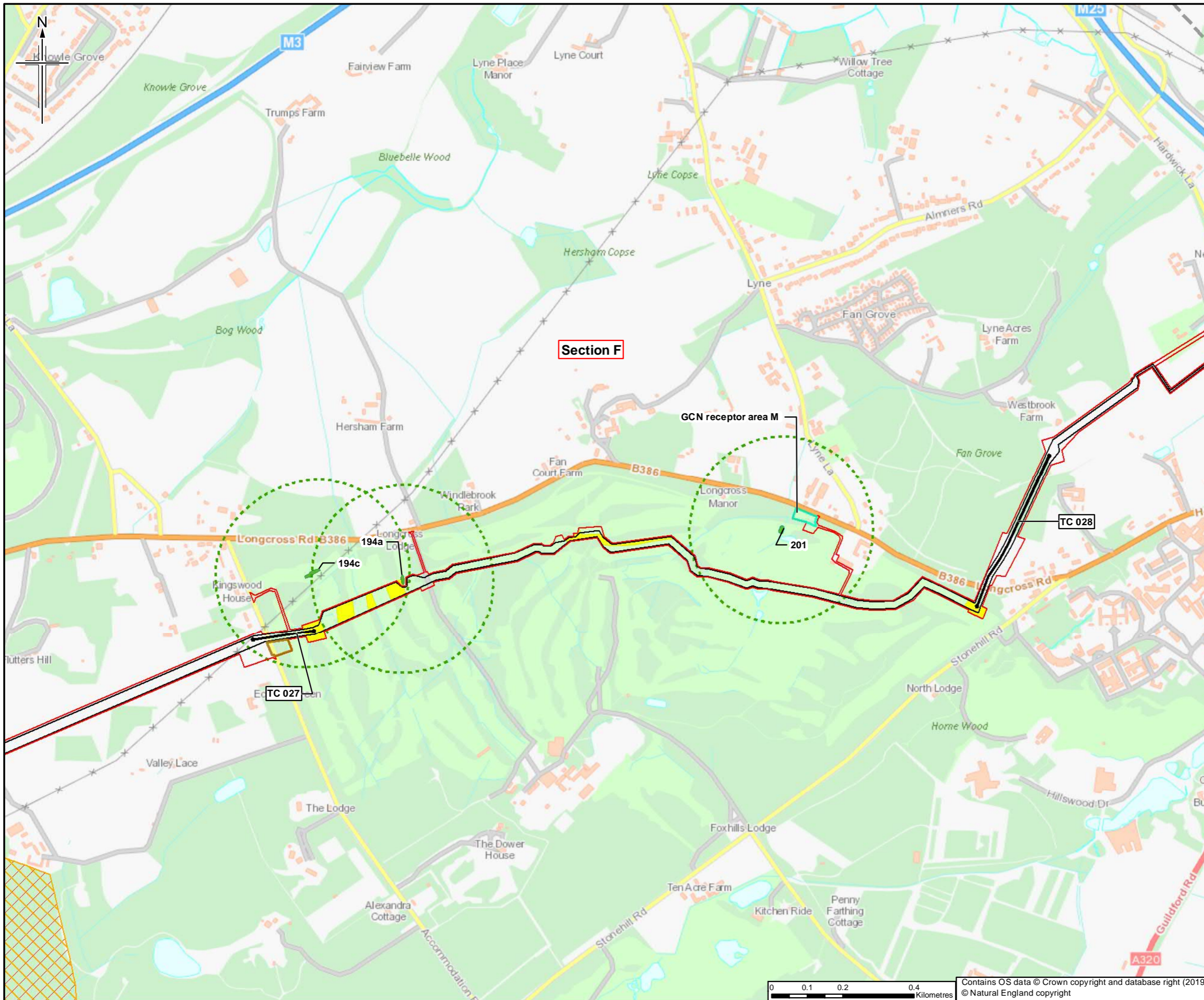
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- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Trenchless crossing
  - Thames Basin Heaths Special Protection Area (SPA)
  - Site of Special Scientific Interest (SSSI)
  - Positive GCN pond
- Measures and Mitigation**
- Bat boxes
  - Great crested newt (GCN) receptor areas
  - GCN mitigation: trapping and translocation and/or fingertip searching within the Order Limits under an EPS licence
  - Common reptile - habitat manipulation (mid-March to October)

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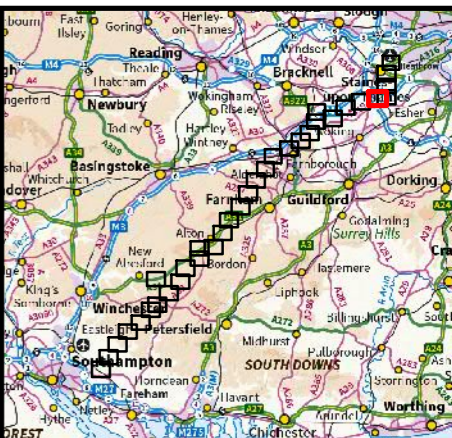
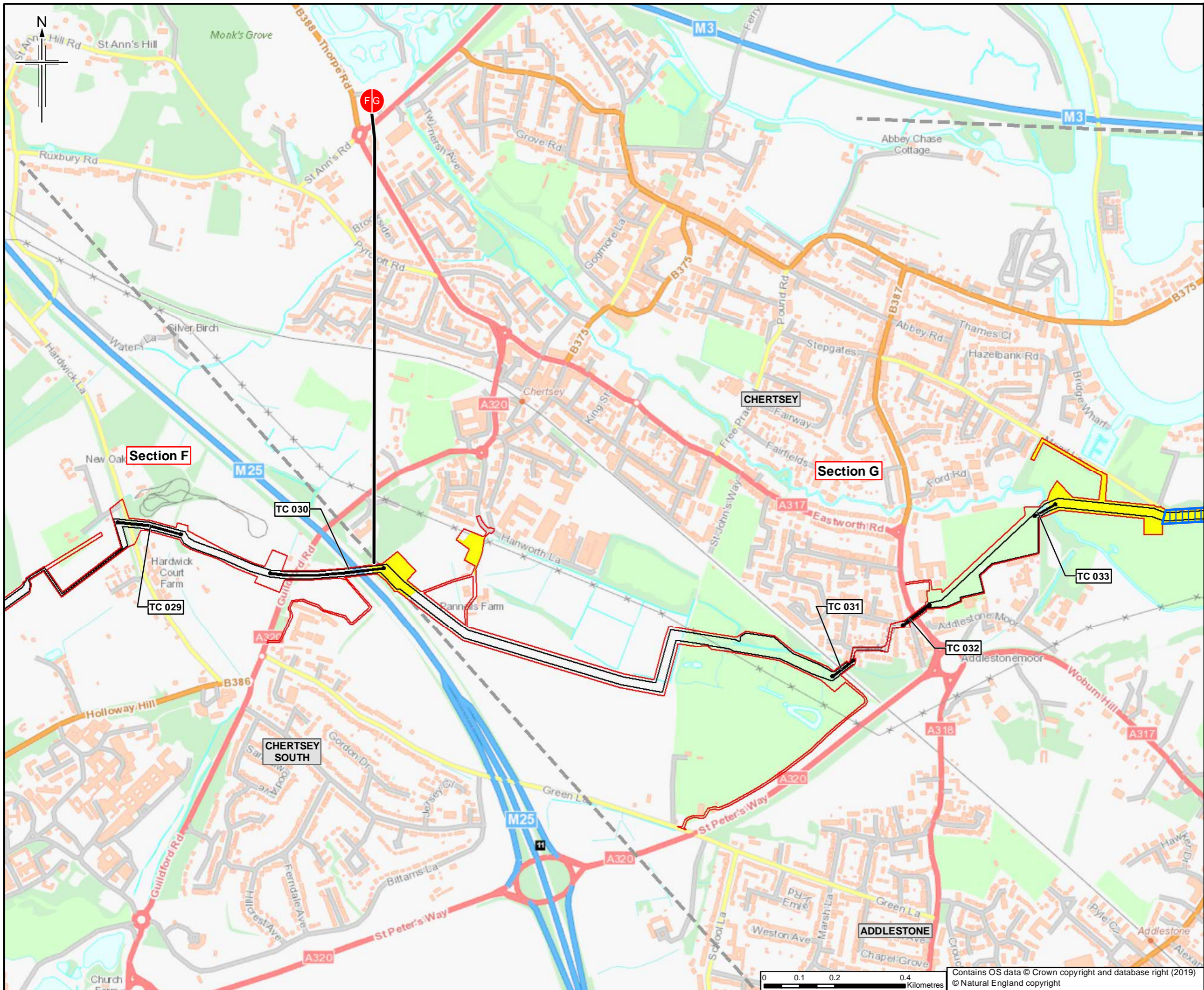
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 APFP Reg. (2009) 5(2)(o)**

Drawing Status	For Issue
Scale	1:10,000 @ A3 DO NOT SCALE
Jacobs No.	B2325300
ProjectWise No.	B2325300-JAC-000-ENV-DRG-001005
Drawing number	Figure 7.5 Sheet 29 of 34
	Rev 0



- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Section break
  - Trenchless crossing
  - Narrow width working
- Measures and Mitigation**
- Common reptile - habitat manipulation (mid-March to October)

Sheet displays parts of Section F and Section G

Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Check'd	Rev'd	Appr'd
0	28/03/2019	For Issue	LM	NS	LG	SH

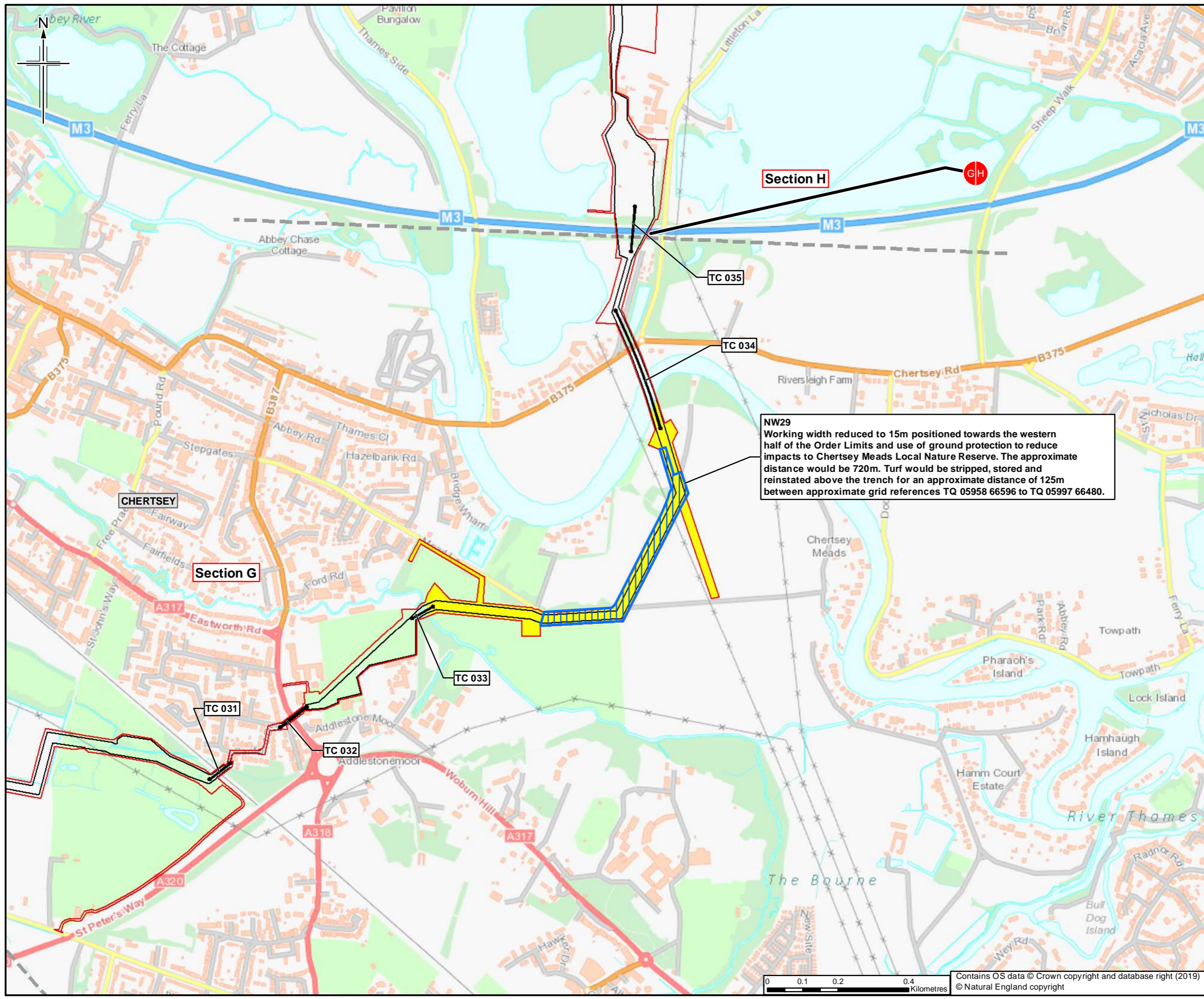
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Project  
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Drawing title  
**ENVIRONMENTAL STATEMENT  
 BIODIVERSITY AND LANDSCAPE  
 MEASURES AND MITIGATION  
 APFP Reg. (2009) 5(2)(o)**

Drawing Status **For Issue**  
 Scale **1:10,000 @ A3 DO NOT SCALE**  
 Jacobs No. **B2325300**  
 Project/Wise No. **B2325300-JAC-000-ENV-DRG-001005**  
 Drawing number **Figure 7.5 Sheet 30 of 34** Rev **0**



Section H

Section G

NW29  
Working width reduced to 15m positioned towards the western half of the Order Limits and use of ground protection to reduce impacts to Chertsey Meadows Local Nature Reserve. The approximate distance would be 720m. Turf would be stripped, stored and reinstated above the trench for an approximate distance of 125m between approximate grid references TQ 05958 66596 to TQ 05997 66480.



- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Section break
  - Trenchless crossing
  - Narrow width working
- Measures and Mitigation**
- Common reptile - habitat manipulation (mid-March to October)

Sheet displays parts of Section G and Section H

Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Check'd	Rev'd	Apprv'd
0	28/03/2019	For Issue				

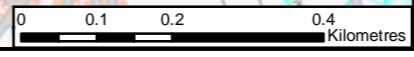
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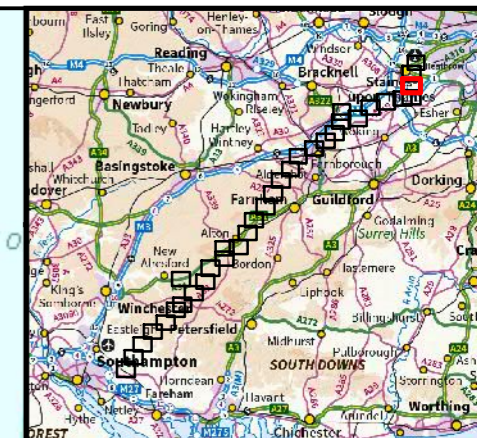
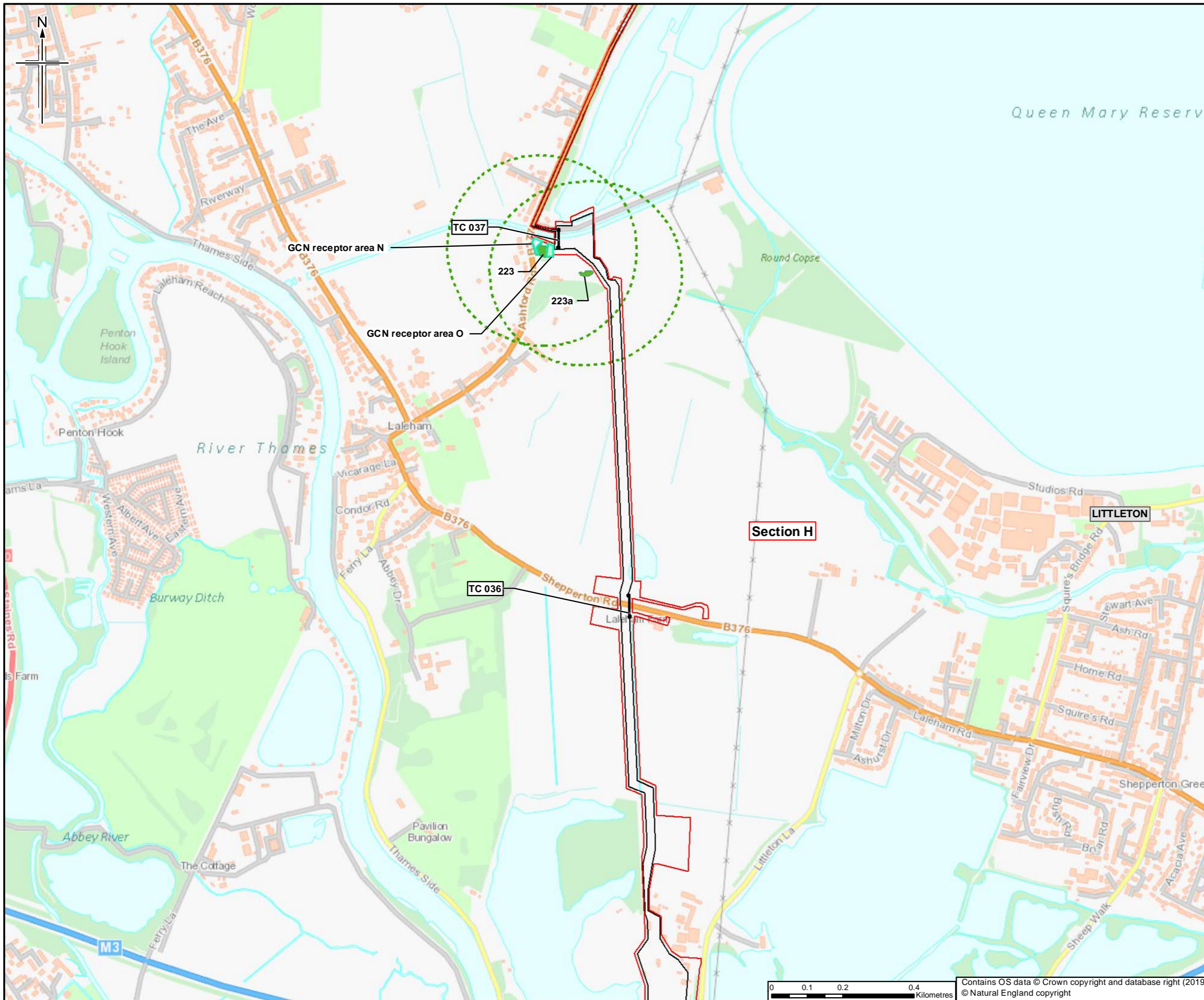
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 BIODIVERSITY AND LANDSCAPE  
 MEASURES AND MITIGATION**  
 APFP Reg. (2009) 5(2)(o)

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		DO NOT SCALE
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Drawing number	Figure 7.5 Sheet 31 of 34	Rev 0



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- Legend**
- Order Limits
  - Limits of deviation
  - Section break
  - Trenchless crossing
  - Positive GCN pond
  - Measures and Mitigation
    - Great crested newt (GCN) receptor areas
    - GCN mitigation: trapping and translocation and/or fingertip searching within the Order Limits under an EPS licence

Sheet displays part of Section H

Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checkd	Rev'd	Apprv'd
0	28/03/2019	For Issue	LM	NS	LG	SH

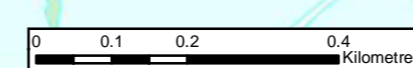
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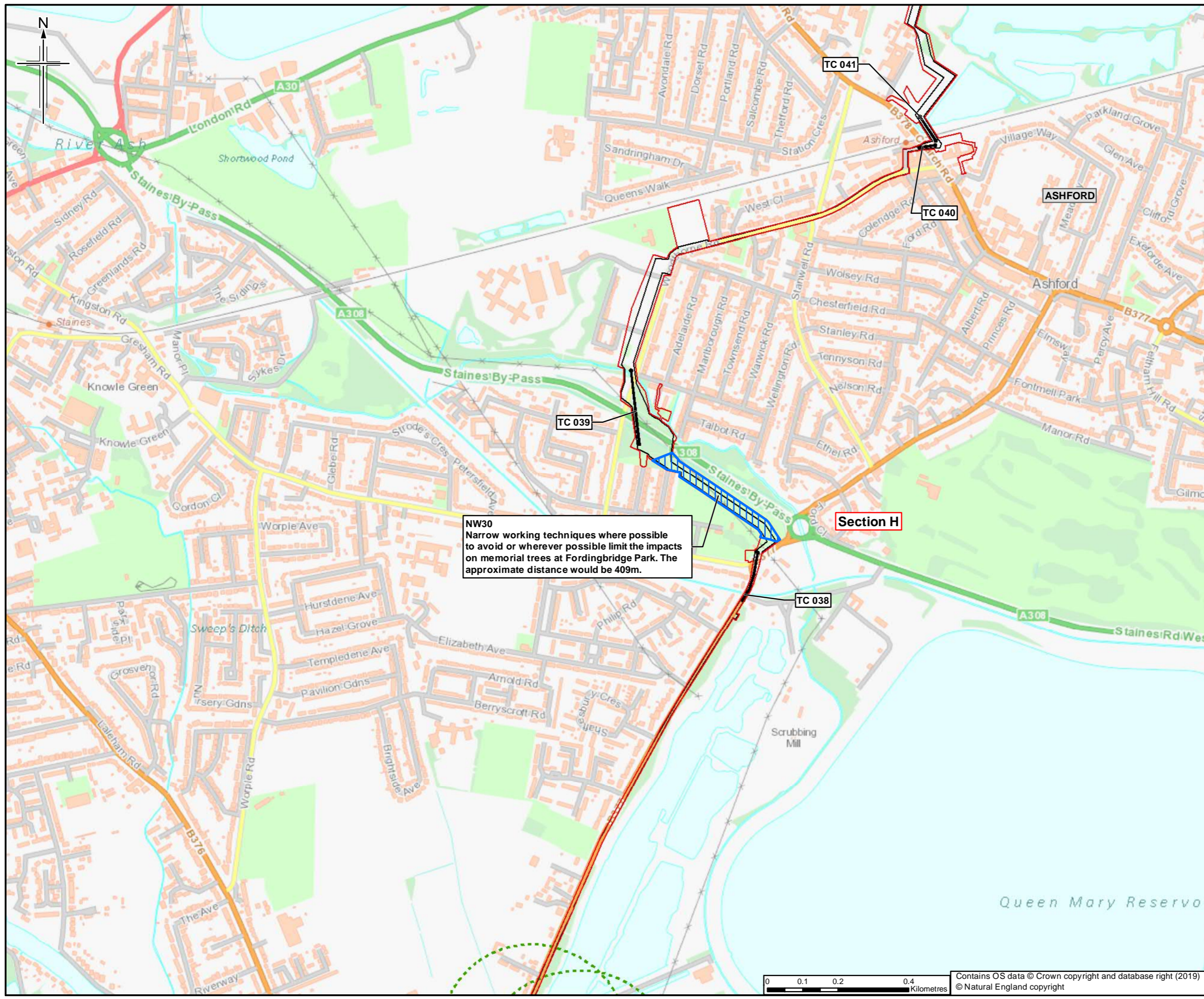
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 BIODIVERSITY AND LANDSCAPE  
 MEASURES AND MITIGATION  
 APFP Reg. (2009) 5(2)(o)**

Drawing Status	For Issue
Scale	1:10,000 @ A3 DO NOT SCALE
Jacobs No.	B2325300
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Drawing number	Figure 7.5 Sheet 32 of 34
	Rev 0



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- Legend**
- Order Limits
  - Limits of deviation
  - Trenchless crossing
  - Narrow width working
- Measures and Mitigation**
- GCN mitigation: trapping and translocation and/or fingertip searching within the Order Limits under an EPS licence

**NW30**  
Narrow working techniques where possible to avoid or wherever possible limit the impacts on memorial trees at Fordingbridge Park. The approximate distance would be 409m.

**Section H**

Sheet displays part of Section H

Rev	Rev. Date	Purpose of revision	Orig/Dwn	Check'd	Rev'd	Appr'd
0	28/03/2019	For Issue				

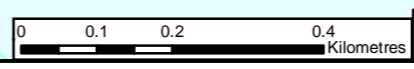
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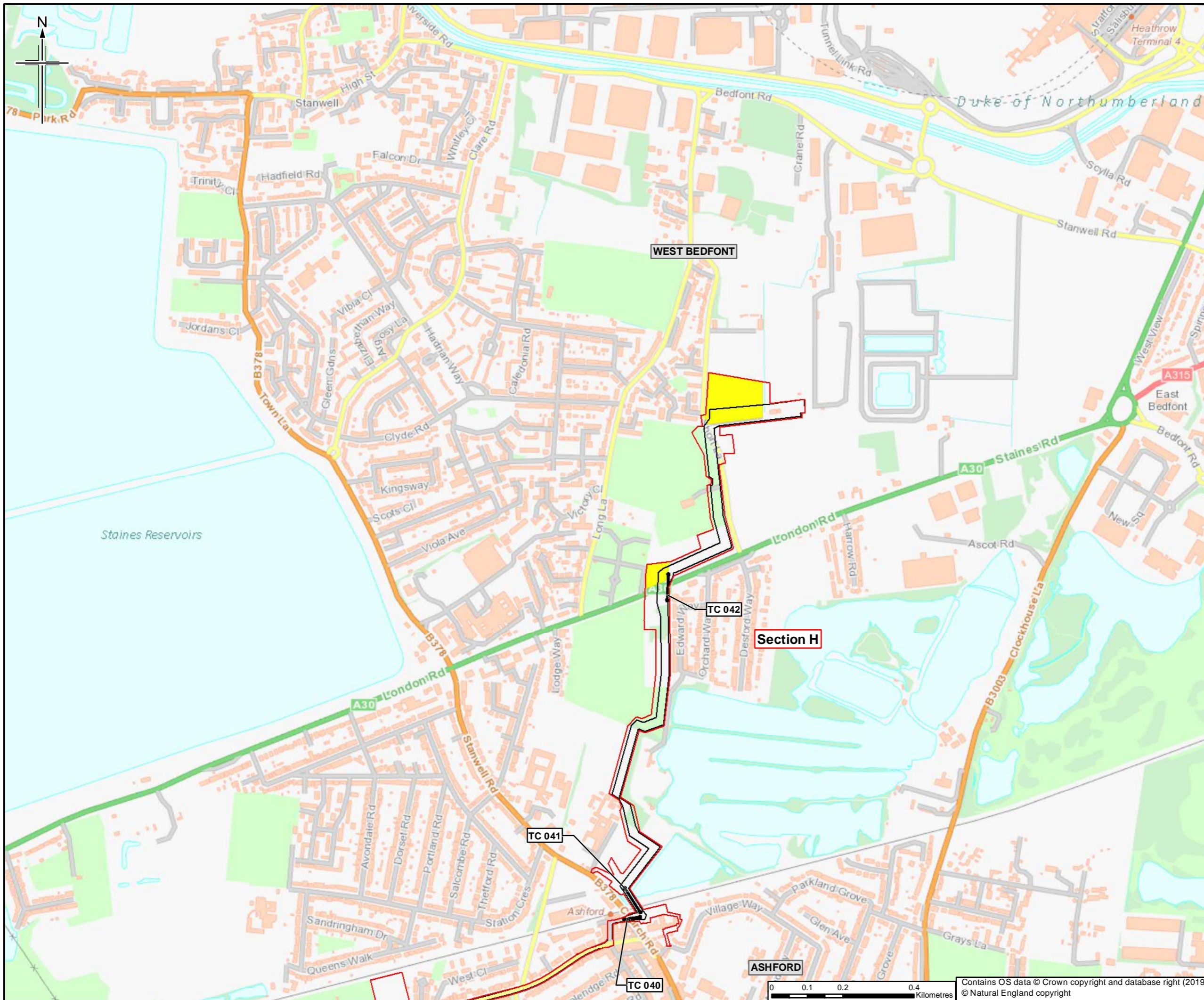
Drawing title  
**ENVIRONMENTAL STATEMENT  
BIODIVERSITY AND LANDSCAPE  
MEASURES AND MITIGATION  
APFP Reg. (2009) 5(2)(o)**

Drawing Status	For Issue
Scale	1:10,000 @ A3 DO NOT SCALE
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Drawing number	Figure 7.5 Sheet 33 of 34
Rev	0



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- Legend**
- Order Limits
  - Limits of deviation
  - Trenchless crossing
- Measures and Mitigation**
- Common reptile - habitat manipulation (mid-March to October)

Sheet displays part of Section H

Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Check'd	Rev'd	Apprv'd
0	28/03/2019	For Issue				

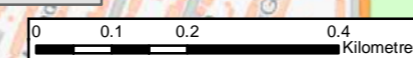
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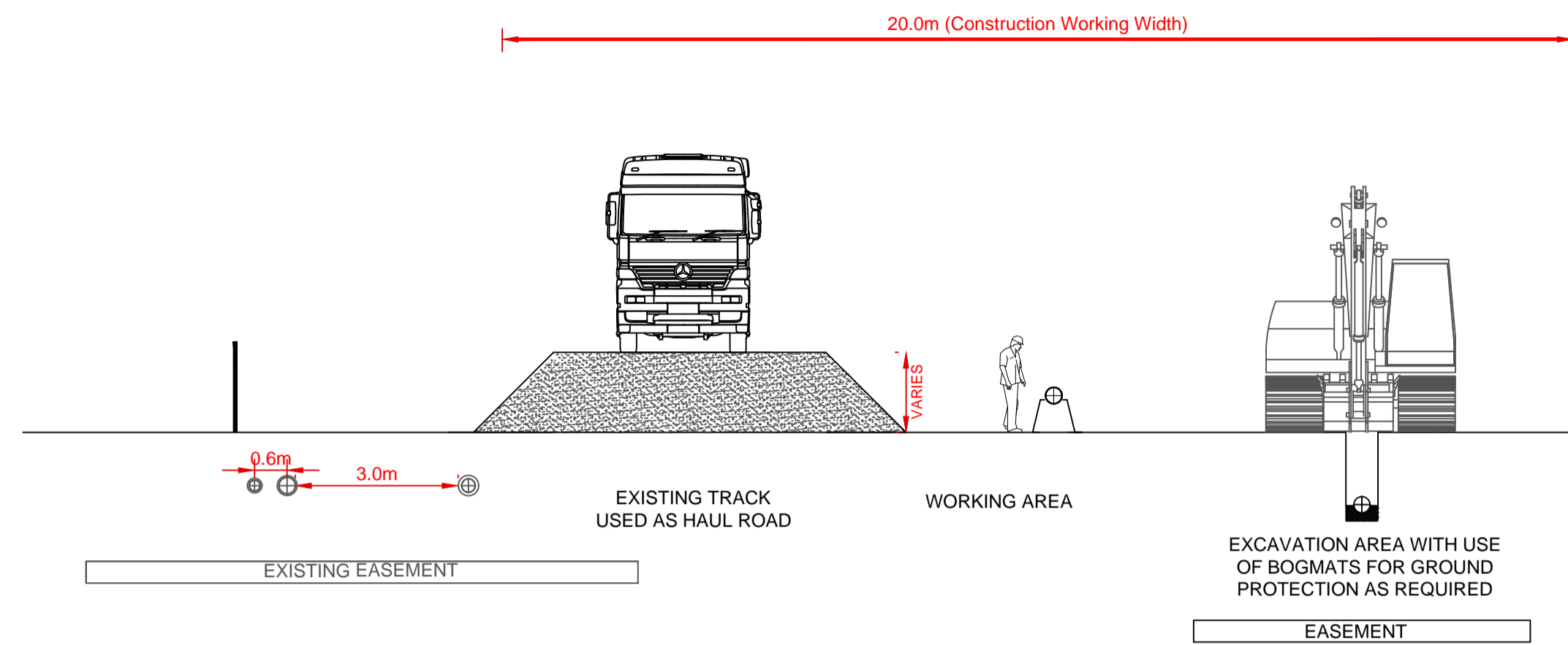
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 MEASURES AND MITIGATION  
 APFP Reg. (2009) 5(2)(o)**

Drawing Status	For Issue	DO NOT SCALE
Scale	1:10,000 @ A3	
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Project/Wise No.	B2325300-JAC-000-ENV-DRG-001005	
Drawing number	Figure 7.5 Sheet 34 of 34	Rev 0

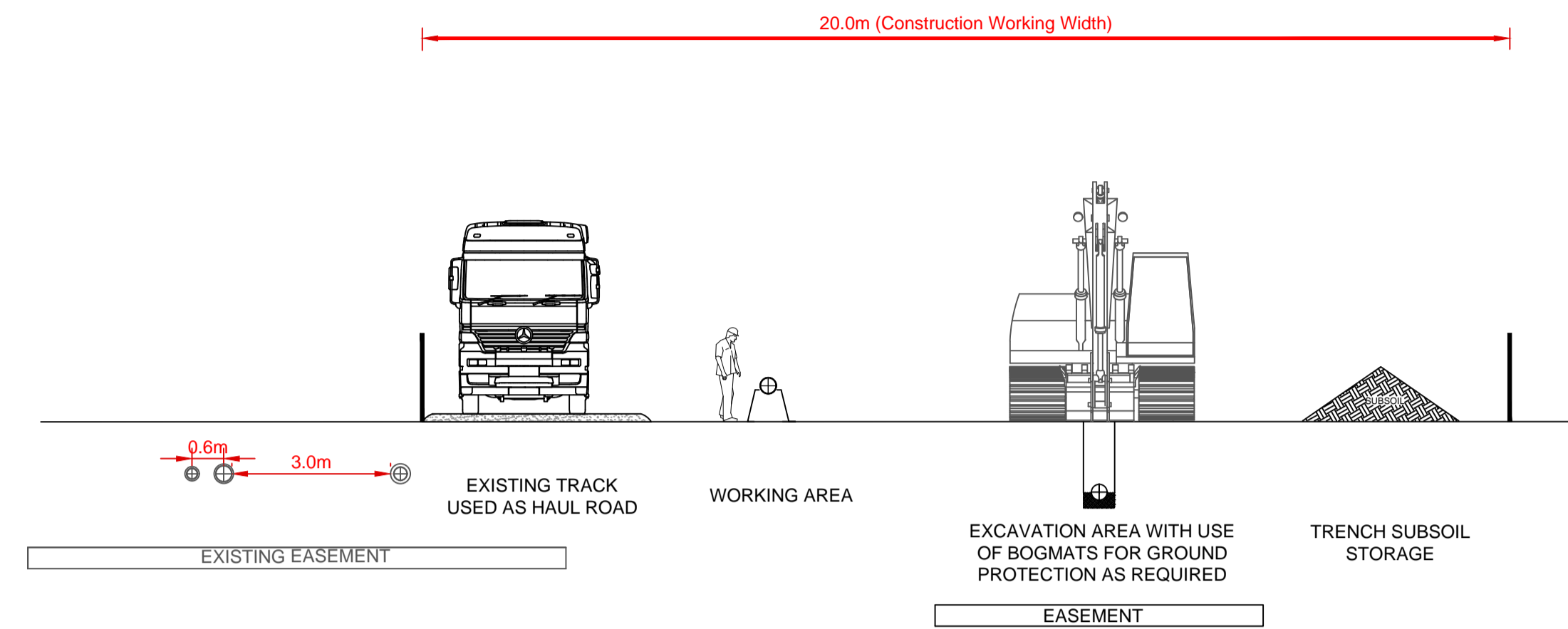


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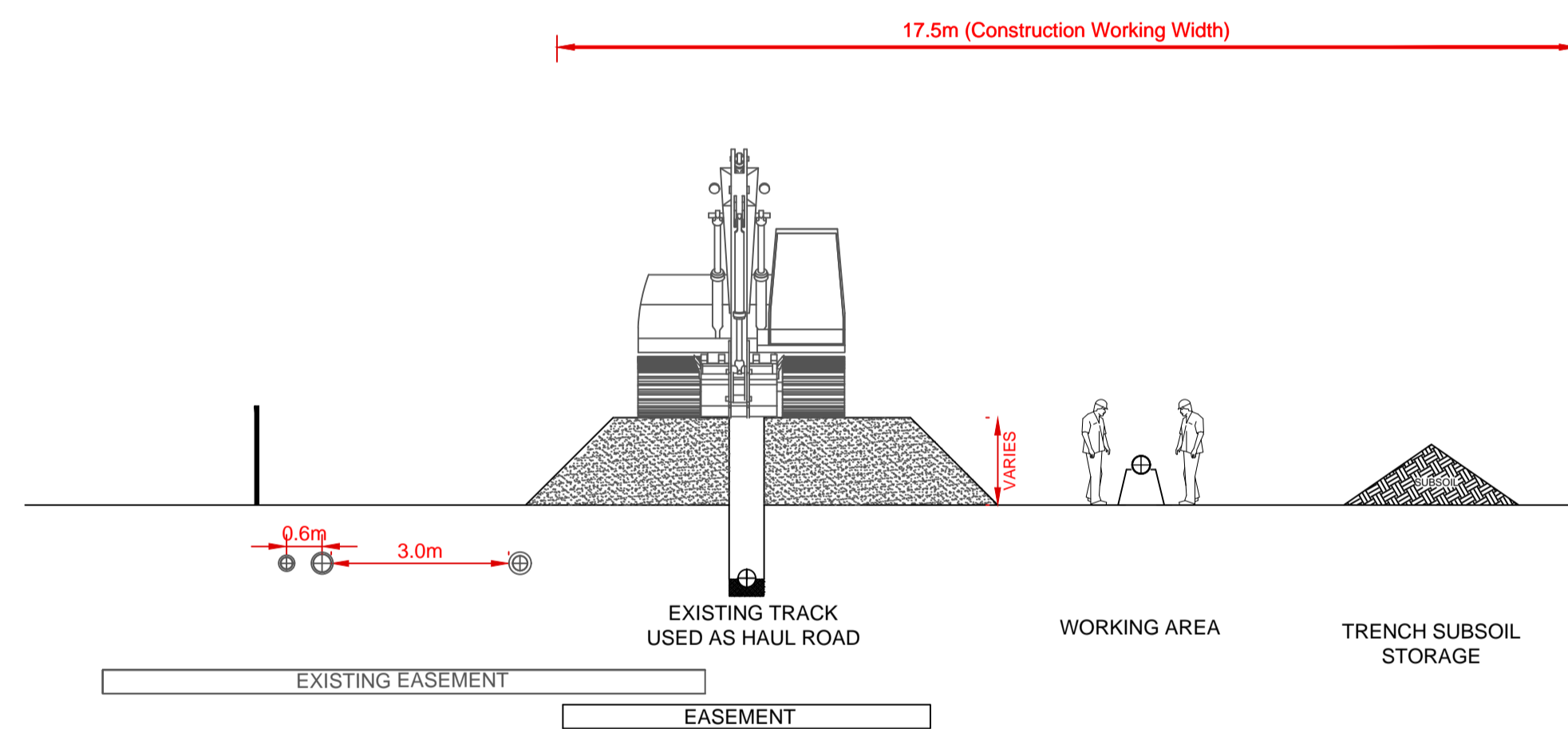
CROSS SECTION A  
PIPELINE BESIDE EXISTING TRACK (ELEVATED)  
LOOKING NORTH OR EAST



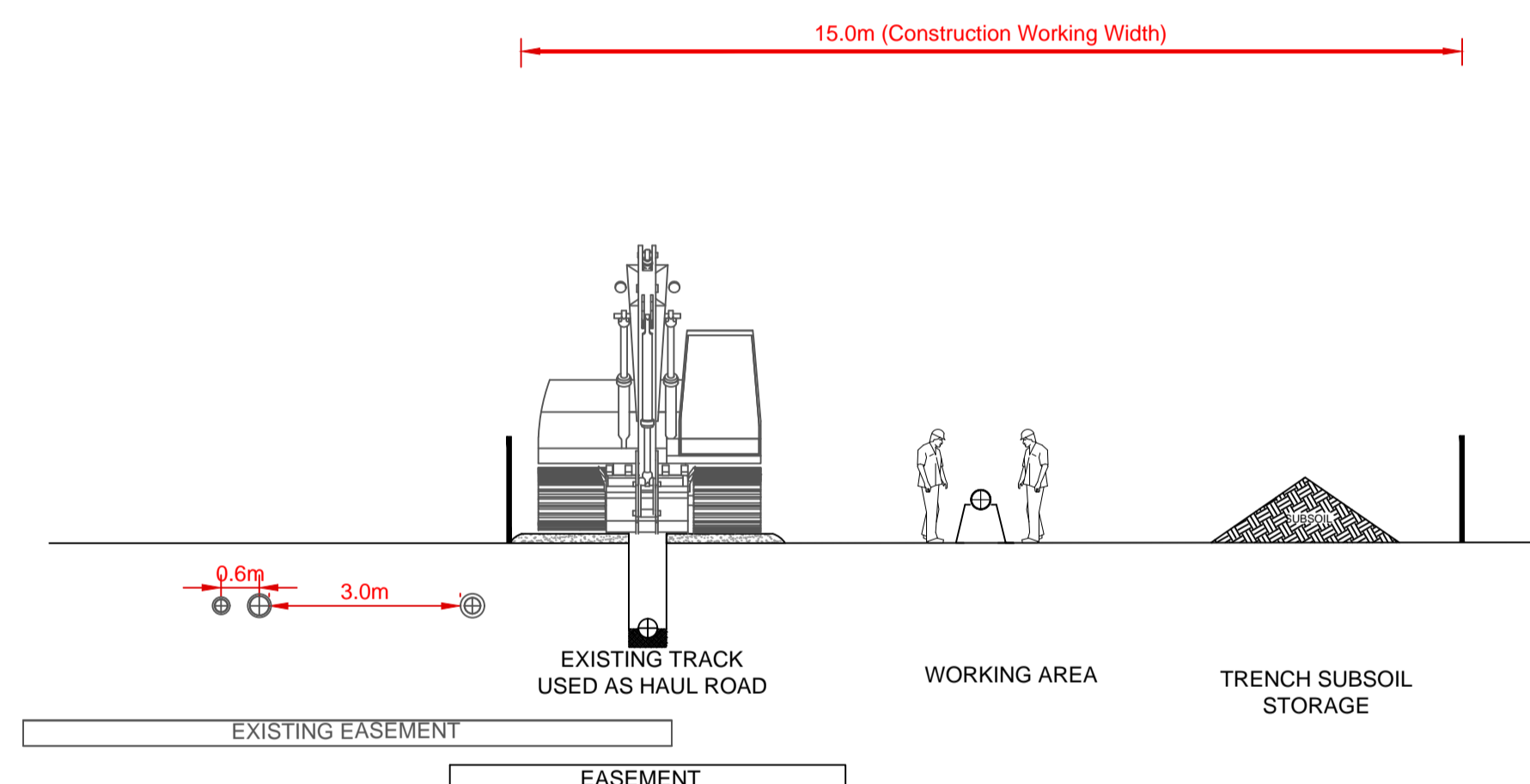
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PIPELINE BESIDE EXISTING TRACK (FLAT GROUND)  
LOOKING NORTH OR EAST



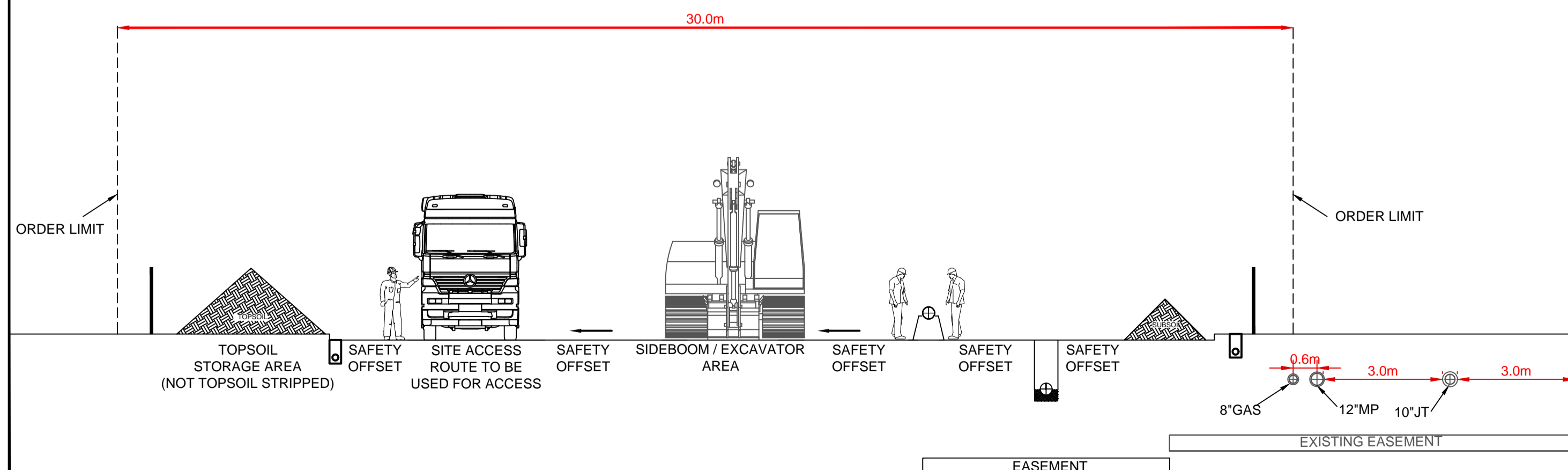
CROSS SECTION C  
PIPELINE INSIDE EXISTING TRACK (ELEVATED)  
LOOKING NORTH OR EAST



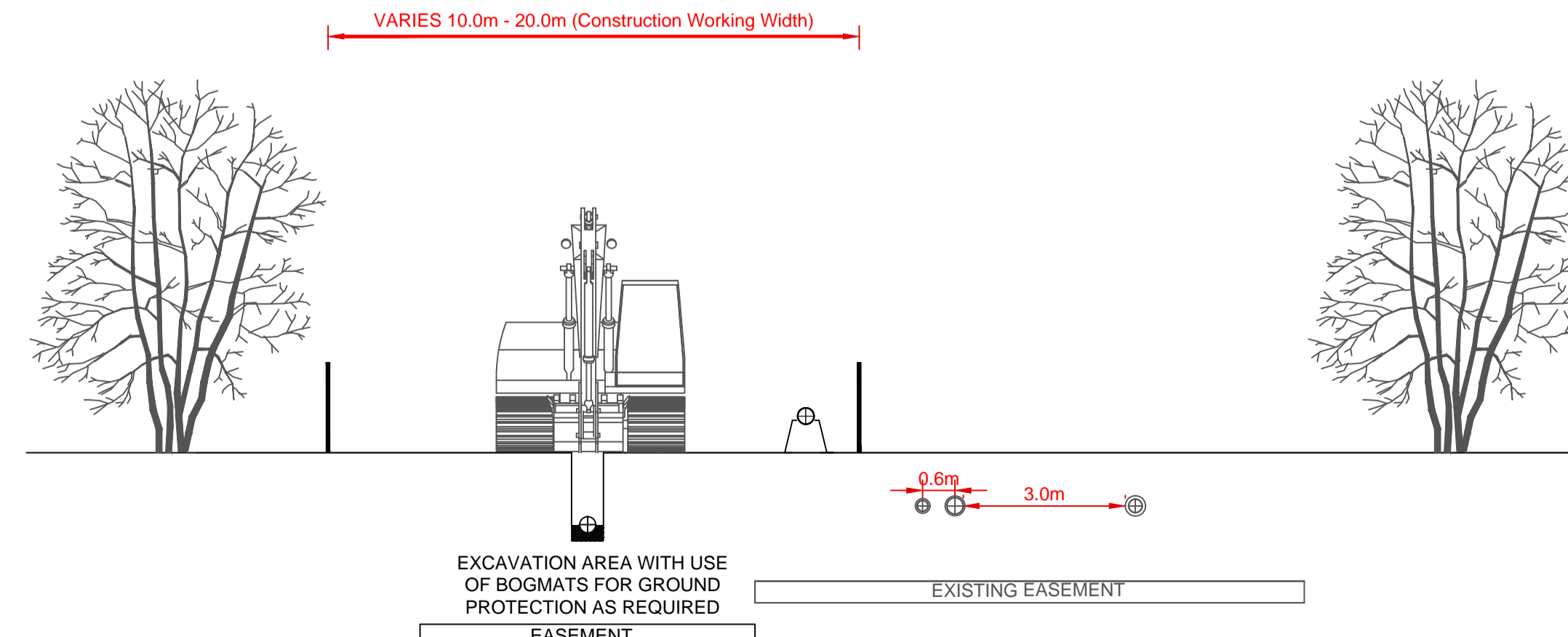
CROSS SECTION D  
PIPELINE INSIDE EXISTING TRACK (FLAT GROUND)  
LOOKING NORTH OR EAST



CROSS SECTION E  
STANDARD WORKING  
LOOKING NORTH OR EAST

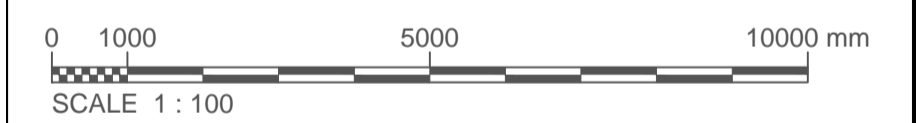


CROSS SECTION F  
NARROW WORKING (WOODLAND)  
LOOKING NORTH OR EAST



NOTES

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2. IN CROSS SECTIONS A AND F, SUBSOIL MAY BE TRANSPORTED TO THE NEAREST STORAGE OR SITE LAYDOWN AREA.
3. DIFFERENT OPTIONS MAY BE ADOPTED IN CERTAIN LOCATIONS DEPENDENT ON ENVIRONMENTAL AND PHYSICAL CONSTRAINTS.
4. CONFIRMATION OF TEMPORARY WORKS ARE SUBJECT TO GROUND CONDITIONS.
5. WIDTH OF TRACK VARIES ACROSS SSSI AND EUROPEAN SITES.
6. IN SOME AREAS EXISTING PIPELINES MAY BE LOCATED ON THE OPPOSITE SIDE OF THE WORKING AREA.
7. THERE MAY BE AREAS WHERE THE EXISTING PIPELINES ARE NOT IN CLOSE PROXIMITY TO THE WORKING AREA.
8. TOPSOIL STRIPPING WOULD BE REDUCED TO A MINIMUM EXTENT WITHIN SSSI AND EUROPEAN SITES EXCEPT WHERE IDENTIFIED WITHIN THE HRA (SOME UNAVOIDABLE STRIPPING WILL TAKE PLACE AS PART OF THE TRENCHING FOR THE PIPELINE AND IN CONSTRUCTION COMPOUNDS WHERE MATTING IS NOT A WORKABLE ALTERNATIVE).
9. THESE DRAWINGS ARE IN ASSOCIATION WITH APFP Reg. (2009) 5(2)(c).



Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
C01.1	02.05.2019	DCO SUBMISSION	AR	DS	SC	PH
P02.2	19.02.2019	FOR ESSO REVIEW AND COMMENT	AR	MO	MO	PH
P02.1	11.02.2019	FOR ESSO REVIEW AND COMMENT	AR	MO	DS	PH
P01.2	17.01.2019	FOR ESSO REVIEW AND COMMENT	AR	MO	ND	PH
P01.1	14.01.2019	FOR REVIEW AND COMMENT	AR	MO	ND	PH

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Drawing title: **Figure 7.6 - TYPICAL WORKING STRIP CROSS SECTION OPTIONS SSSI & EUROPEAN SITES (1 OF 2)**

Drawing status: **Fit for Stage Approval**

Scale: 1:100 @ A1 DO NOT SCALE

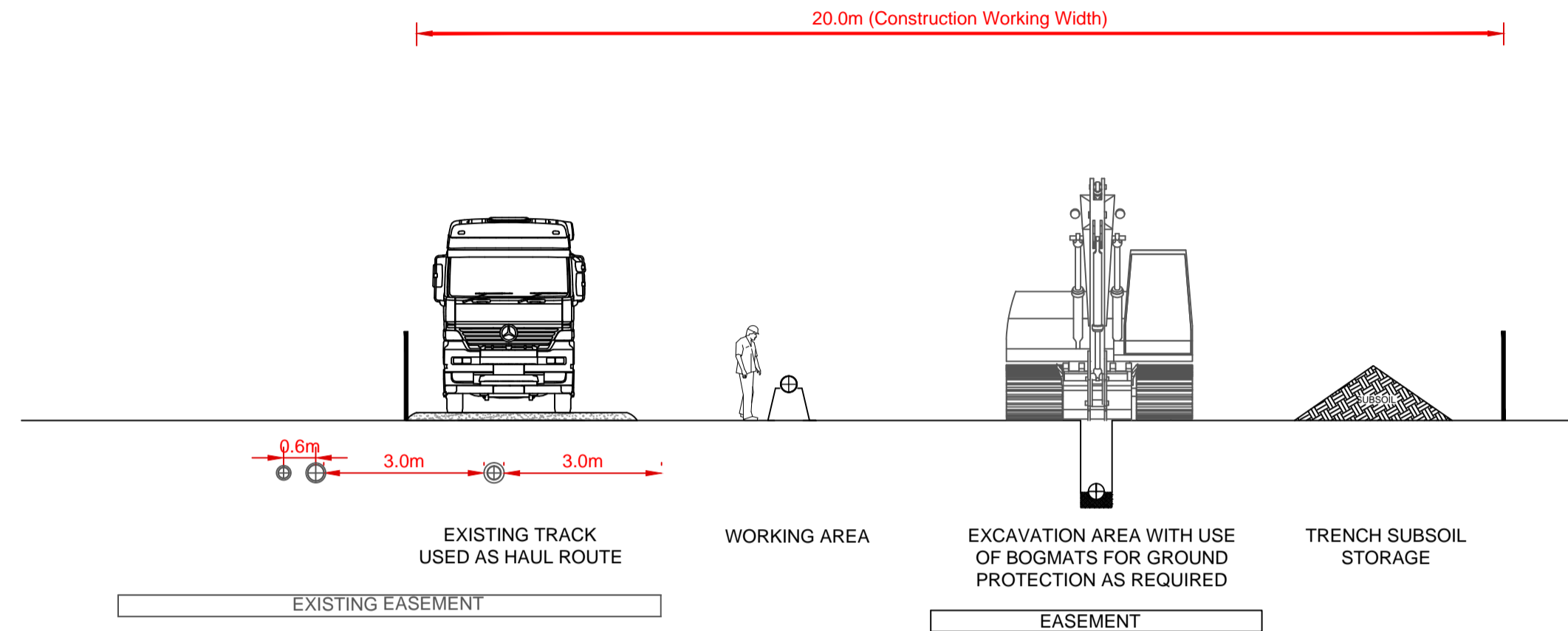
Jacobs No. B2325300 Rev C01.1

Drawing number: **B2325300-JAC-000-CIV-DRG-000407**

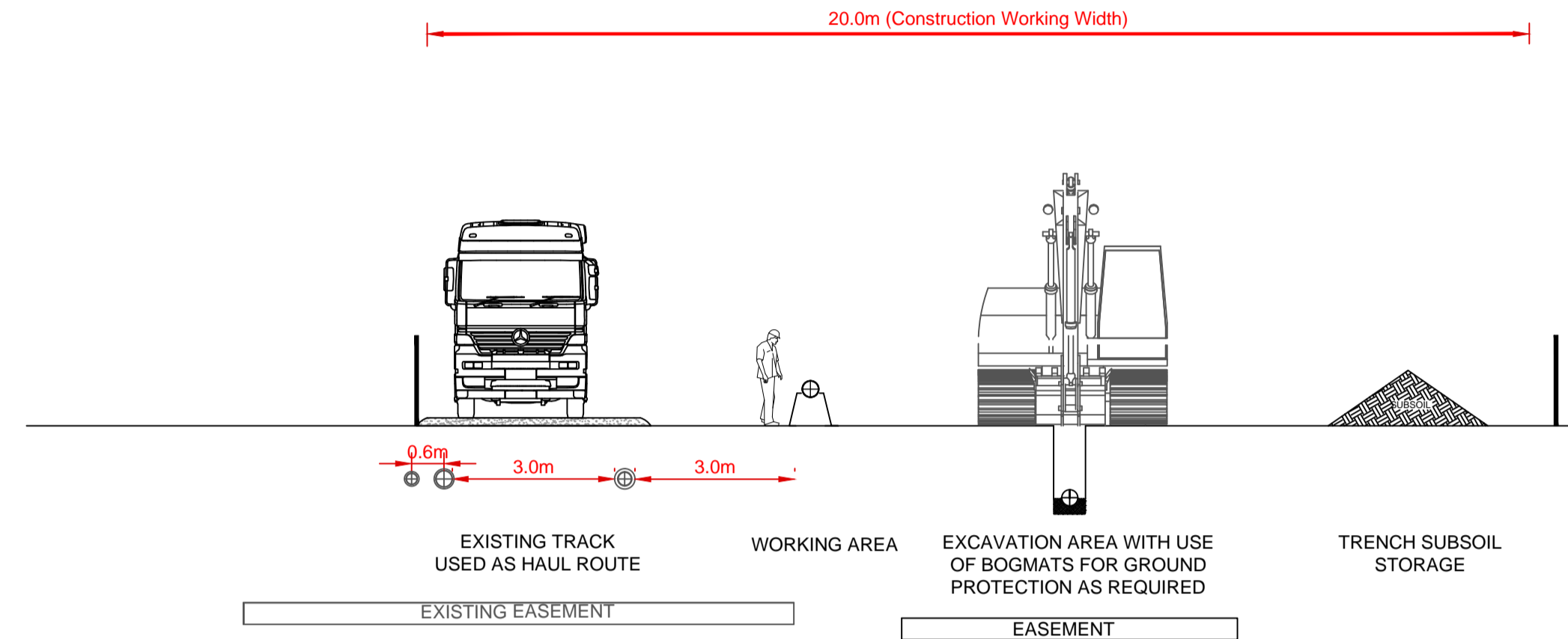
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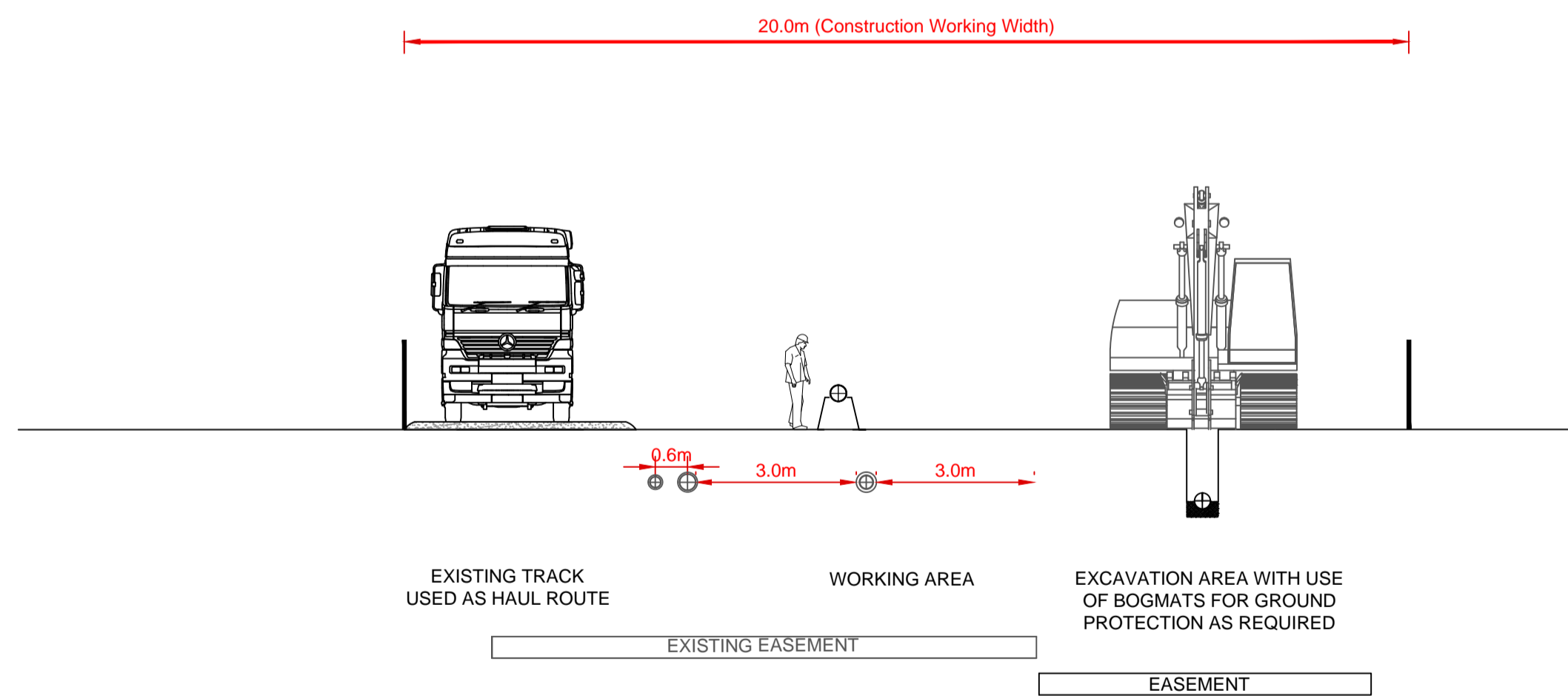
CROSS SECTION G  
 PIPELINE BESIDE EXISTING TRACK (FLAT GROUND)  
 EXISTING PIPELINES PARTIALLY IN TRACK  
 LOOKING NORTH OR EAST



CROSS SECTION H  
 PIPELINE BESIDE EXISTING TRACK (FLAT GROUND)  
 EXISTING PIPELINES FULLY IN TRACK  
 LOOKING NORTH OR EAST

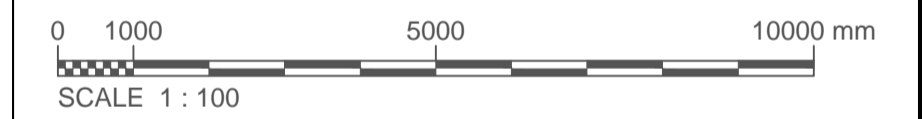


CROSS SECTION I  
 PIPELINE BESIDE EXISTING TRACK (FLAT GROUND)  
 EXISTING PIPELINES IN WORKING AREA  
 LOOKING NORTH OR EAST



NOTES

1. THE DETAILS SHOWN ARE PRELIMINARY AND WILL BE SUBJECT TO FURTHER DEVELOPMENT AT DETAILED DESIGN STAGE.
2. IN CROSS SECTIONS A AND F, SUBSOIL MAY BE TRANSPORTED TO THE NEAREST STORAGE OR SITE LAYDOWN AREA.
3. DIFFERENT OPTIONS MAY BE ADOPTED IN CERTAIN LOCATIONS DEPENDENT ON ENVIRONMENTAL AND PHYSICAL CONSTRAINTS.
4. CONFIRMATION OF TEMPORARY WORKS ARE SUBJECT TO GROUND CONDITIONS.
5. WIDTH OF TRACK VARIES ACROSS SSSI AND EUROPEAN SITES.
6. IN SOME AREAS EXISTING PIPELINES MAY BE LOCATED ON THE OPPOSITE SIDE OF THE WORKING AREA.
7. THERE MAY BE AREAS WHERE THE EXISTING PIPELINES ARE NOT IN CLOSE PROXIMITY TO THE WORKING AREA.
8. TOPSOIL STRIPPING WOULD BE REDUCED TO A MINIMUM EXTENT WITHIN SSSI AND EUROPEAN SITES EXCEPT WHERE IDENTIFIED WITHIN THE HRA (SOME UNAVOIDABLE STRIPPING WILL TAKE PLACE AS PART OF THE TRENCHING FOR THE PIPELINE AND IN CONSTRUCTION COMPOUNDS WHERE MATTING IS NOT A WORKABLE ALTERNATIVE).
9. THESE DRAWINGS ARE IN ASSOCIATION WITH APPF Reg. (2009) 5(2)(o).



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P02.2	19.02.2019	FOR ESSO REVIEW AND COMMENT	AR	MO	MO	PH
P02.1	11.02.2019	FOR ESSO REVIEW AND COMMENT	AR	MO	DS	PH
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P01.1	14.01.2019	FOR REVIEW AND COMMENT	AR	MO	ND	PH

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1180 Eskdale Road, Winnersh, Wokingham, RG41 5TU  
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Drawing title: **Figure 7.7 - TYPICAL WORKING STRIP CROSS SECTION OPTIONS SSSI & EUROPEAN SITES (2 OF 2)**

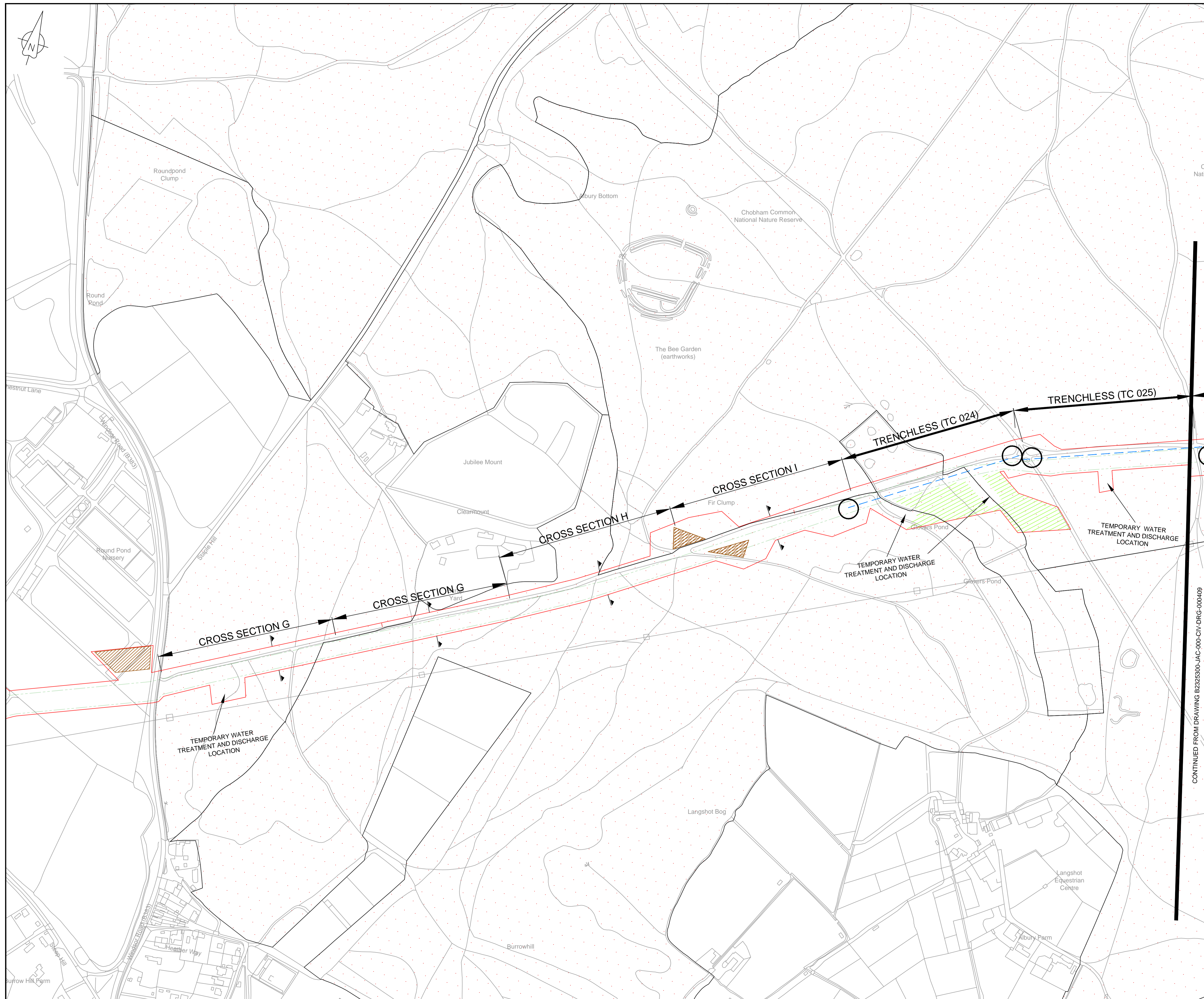
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Scale: 1:100 @ A1 DO NOT SCALE

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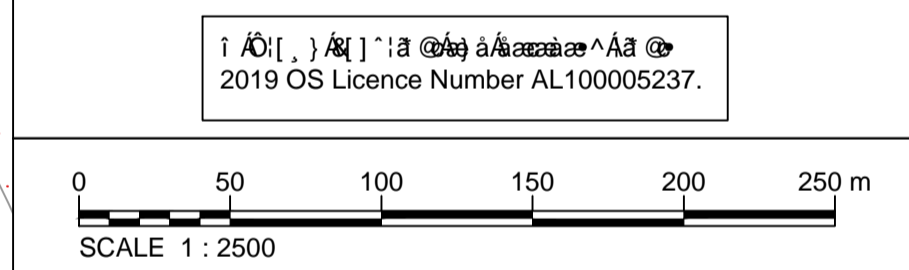
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  2. B2325300-JAC-000-CIV-DRG-000407: WORKING STRIP CROSS SECTION OPTIONS SSSI & EUROPEAN SITES (1 OF 2) AND B2325300-JAC-000-CIV-DRG-000415: WORKING STRIP CROSS SECTION OPTIONS SSSI & EUROPEAN SITES (2 OF 2).
  3. IN SOME AREAS THESE CROSS SECTIONS MAY BE INVERSED WHERE EXISTING LINES ARE LOCATED ON THE OPPOSITE SIDE OF THE WORKING AREA.
  4. MORE INFORMATION ON MITIGATION CAN BE FOUND WITHIN THE REGISTER OF ENVIRONMENTAL ACTIONS AND COMMITMENTS (REAC) IN ES CHAPTER 16 ENVIRONMENTAL MANAGEMENT AND MITIGATION.
  5. FOR A DESCRIPTION OF TYPICAL CONSTRUCTION METHODS REFER TO CHAPTER 3 OF THE ENVIRONMENTAL STATEMENT.
  6. AT HEATHLAND AND SSSI, TARGETED SCRUB AND SECONDARY WOODLAND WITHIN THE ORDER LIMITS WOULD BE REMOVED SUBJECT TO LANDOWNER CONSENT. THESE AREAS WOULD BE REINSTATED AS HEATHLAND OR ACID GRASSLAND THROUGH NATURAL REGENERATION (HRA2).
  7. HEATHLAND WITHIN STATUTORY OR NON-STATUTORY DESIGNATED WILDLIFE SITES WOULD BE REINSTATED USING NATURAL REGENERATION UNLESS OTHERWISE AGREED WITH NATURAL ENGLAND (HRA1).
  8. THIS DRAWING IS IN ASSOCIATION WITH APFP Reg. (2009) 5(2)(o and i).

- LEGEND**
- ▲ DIRECTION OF CROSS SECTION
  - ORDER LIMITS
  - LIMITS OF DEVIATION
  - DIRECTIONAL DRILLING LENGTH
  - SSSI
  - MITIGATION AREAS (WITHIN ORDER LIMITS)
  - HORIZONTAL DIRECTIONAL DRILLING COMPOUND



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C01.1	02.05.2019	DCO SUBMISSION	AR	DS	SC	PH
P02.2	19.02.2019	FOR ESSO REVIEW AND COMMENT	AR	MO	MO	PH
P02.1	11.02.2019	FOR ESSO REVIEW AND COMMENT	AR	MO	DS	PH
P01.2	17.01.2019	FOR ESSO REVIEW AND COMMENT	AR	MO	ND	PH
P01.1	09.01.2019	FOR REVIEW AND COMMENT	AR	MO	ND	PH

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Project: Southampton to London Pipeline Project

Drawing title: **Figure 7.8 - CHOBHAM COMMON SSSI PLAN WEST**

Drawing status: **Fit for Stage Approval**

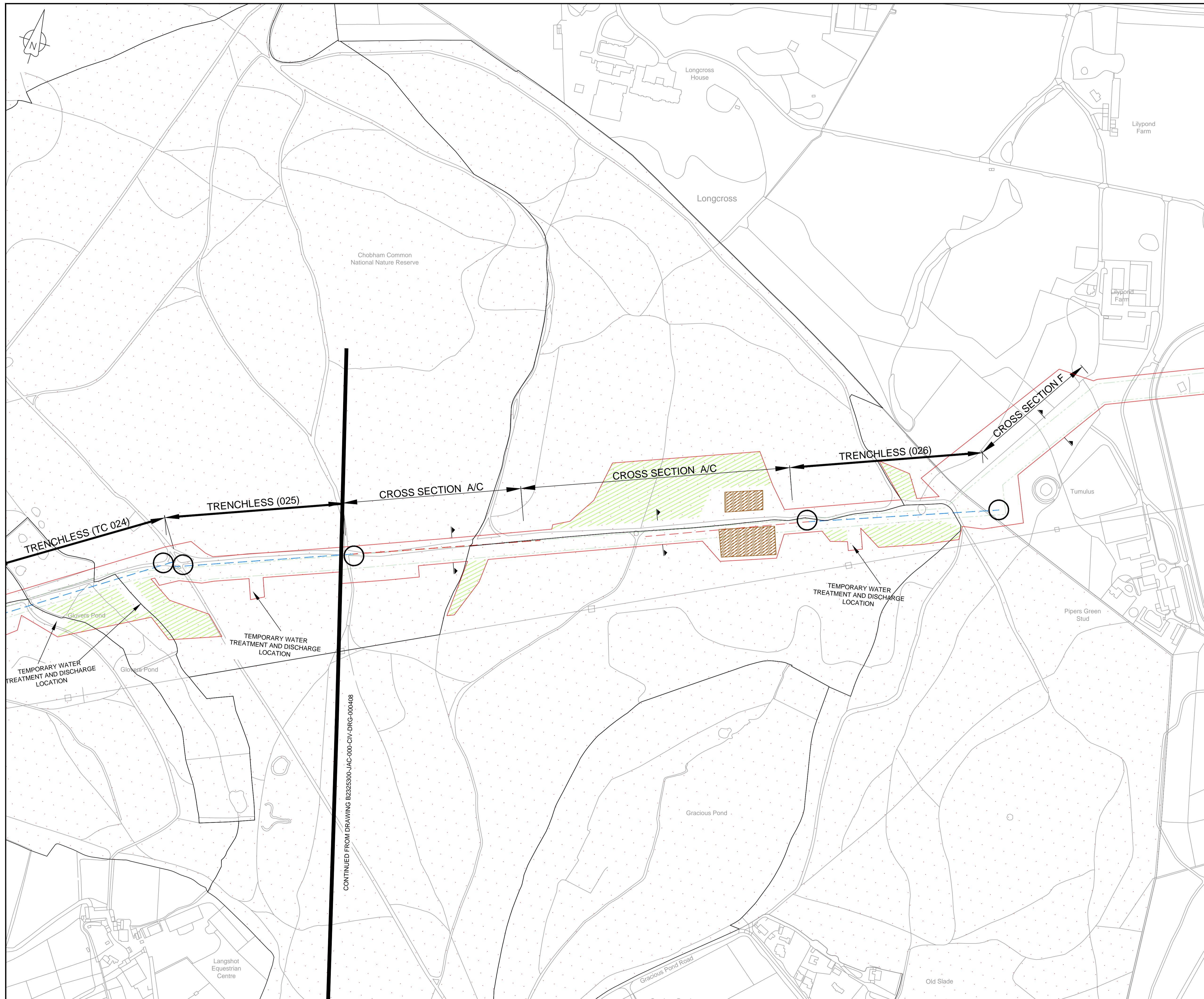
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Jacobs No. B2325300 Rev. C01.1

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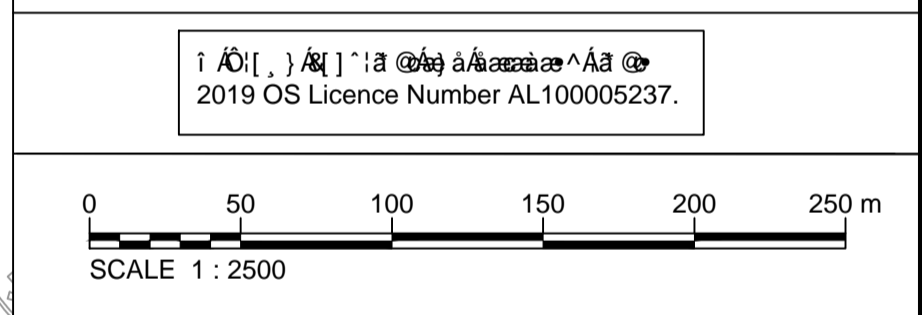
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  2. SECTIONS LABELLED ON PLANS CROSS REFERENCE TO SECTIONS SHOWN ON DRAWING B2325300-JAC-000-CIV-DRG-000407: WORKING STRIP CROSS SECTION OPTIONS SSSI & EUROPEAN SITES (1 OF 2) AND B2325300-JAC-000-CIV-DRG-000415: WORKING STRIP CROSS SECTION OPTIONS SSSI & EUROPEAN SITES (2 OF 2).
  3. IN SOME AREAS THESE CROSS SECTIONS MAY BE INVERSED WHERE EXISTING LINES ARE LOCATED ON THE OPPOSITE SIDE OF THE WORKING AREA.
  4. MORE INFORMATION ON MITIGATION CAN BE FOUND WITHIN THE REGISTER OF ENVIRONMENTAL ACTIONS AND COMMITMENTS (REAC) IN ES CHAPTER 16 ENVIRONMENTAL MANAGEMENT AND MITIGATION.
  5. FOR A DESCRIPTION OF TYPICAL CONSTRUCTION METHODS REFER TO CHAPTER 3 OF THE ENVIRONMENTAL STATEMENT.
  6. AT HEATHLAND SSSI, TARGETED SCRUB AND SECONDARY WOODLAND WITHIN THE ORDER LIMITS WOULD BE REMOVED. SUBJECT TO LANDOWNER CONSENT, THESE AREAS WOULD BE REINSTATED AS HEATHLAND OR ACID GRASSLAND THROUGH NATURAL REGENERATION (HRA2).
  7. HEATHLAND WITHIN STATUTORY OR NON-STATUTORY DESIGNATED WILDLIFE SITES WOULD BE REINSTATED USING NATURAL REGENERATION UNLESS OTHERWISE AGREED WITH NATURAL ENGLAND (HRA1).
  8. THIS DRAWING IS IN ASSOCIATION WITH APFP Reg. (2009) 5(2)(o and l).

- LEGEND**
- ▲ ▲ DIRECTION OF CROSS SECTION
  - ORDER LIMITS
  - - - LIMITS OF DEVIATION
  - - - DIRECTIONAL DRILLING LENGTH
  - ▨ MITIGATION AREAS (WITHIN ORDER LIMITS)
  - ▤ SSSI
  - HORIZONTAL DIRECTIONAL DRILLING COMPOUND



C01.1	02.05.2019	DCO SUBMISSION	AR	DS	SC	PH
P02.2	19.02.2019	FOR ESSO REVIEW AND COMMENT	AR	MO	MO	PH
P02.1	11.01.2019	FOR ESSO REVIEW AND COMMENT	AR	MO	DS	PH
P01.2	17.01.2019	FOR ESSO REVIEW AND COMMENT	AR	MO	ND	PH
P01.1	09.01.2019	FOR REVIEW AND COMMENT	AR	MO	ND	PH
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd

**JACOBS**  
1180 Eskdale Road, Winnersh, Wokingham, RG41 5TU  
Tel: +44(0)118 946 7000 - Fax: +44(0)118 946 7001  
www.jacobs.com

Client: Esso Petroleum Company, Limited  
Ermyn House,  
Ermyn Way,  
Leatherhead,  
Surrey,  
KT22 8UX

Project: Southampton to London Pipeline Project

Drawing title: **Figure 7.9 - CHOBHAM COMMON SSSI PLAN EAST**

Drawing status: **Fit for Stage Approval**

Scale: 1:2500 @ A1 DO NOT SCALE  
Jacobs No. B2325300 Rev C01.1  
Client no.

Drawing number: **B2325300-JAC-000-CIV-DRG-000409**

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  3. IN SOME AREAS THESE CROSS SECTIONS MAY BE INVERSED WHERE EXISTING LINES ARE LOCATED ON THE OPPOSITE SIDE OF THE WORKING AREA.
  4. MORE INFORMATION ON MITIGATION CAN BE FOUND WITHIN THE REGISTER OF ENVIRONMENTAL ACTIONS AND COMMITMENTS (REAC) IN ES CHAPTER 16 ENVIRONMENTAL MANAGEMENT AND MITIGATION.
  5. FOR A DESCRIPTION OF TYPICAL CONSTRUCTION METHODS REFER TO CHAPTER 3 OF THE ENVIRONMENTAL STATEMENT.
  6. AT HEATHLAND SSSI, TARGETED SCRUB AND SECONDARY WOODLAND WITHIN THE ORDER LIMITS WOULD BE REMOVED. SUBJECT TO LANDOWNER CONSENT, THESE AREAS WOULD BE REINSTATED AS HEATHLAND OR ACID GRASSLAND THROUGH NATURAL REGENERATION (HRA2).
  7. HEATHLAND WITHIN STATUTORY OR NON-STATUTORY DESIGNATED WILDLIFE SITES WOULD BE REINSTATED USING NATURAL REGENERATION UNLESS OTHERWISE AGREED WITH NATURAL ENGLAND (HRA1).
  8. THIS DRAWING IS IN ASSOCIATION WITH APFP Reg. (2009) 5(2)(c and f).

- LEGEND**
- ▲ ▲ DIRECTION OF CROSS SECTION
  - ORDER LIMITS
  - - - LIMITS OF DEVIATION
  - ▨ SSSI
  - ▨▨▨ MITIGATION AREAS (WITHIN ORDER LIMITS)

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0 50 100 150 200 250 m  
SCALE 1 : 2500

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P02.1	11.02.2019	FOR ESSO REVIEW AND COMMENT	AR	MO	DS	PH
P01.2	17.01.2019	FOR ESSO REVIEW AND COMMENT	AR	MO	ND	PH
P01.1	17.10.2019	FOR REVIEW AND COMMENT	AR	MO	ND	PH
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd

**JACOBS**  
1180 Eskdale Road, Winnersh, Wokingham, RG41 5TU  
Tel: +44(0)118 946 7000 - Fax: +44(0)118 946 7001  
www.jacobs.com

Client: Esso Petroleum Company, Limited  
Emryn House,  
Emryn Way,  
Leatherhead,  
Surrey,  
KT22 8UX

Project: Southampton to London Pipeline Project

Drawing title: **Figure 7.10 - COLONY BOG & BAGSHOT HEATH SSSI PLAN WEST**

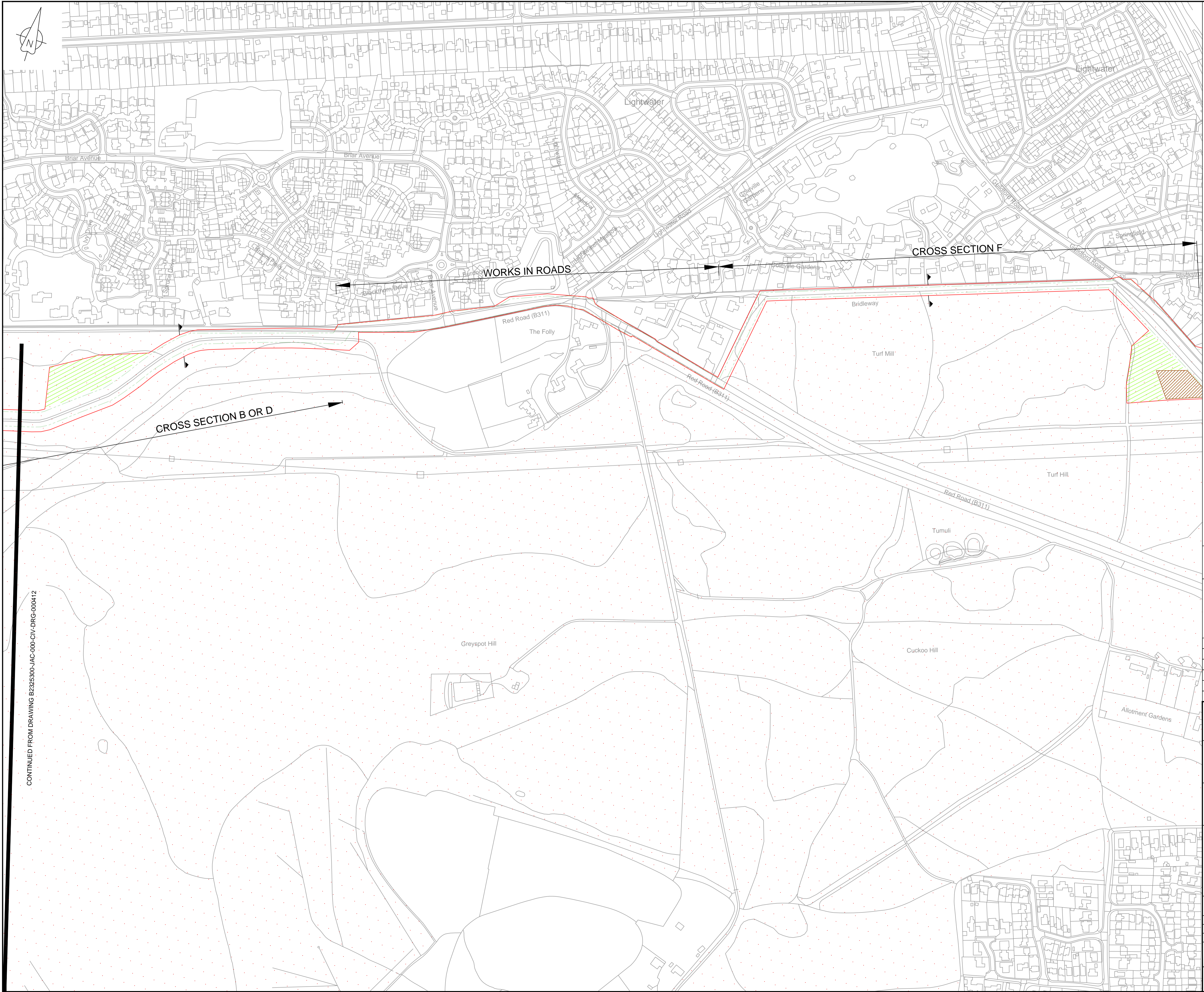
Drawing status: **Fit for Stage Approval**

Scale: 1:2500 @ A1 DO NOT SCALE

Jacobs No. B2325300 Rev C01.1

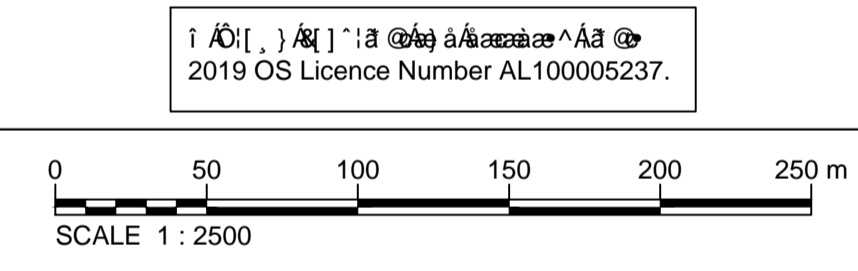
Drawing number: **B2325300-JAC-000-CIV-DRG-000412**

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  6. AT HEATHLAND SSSI, TARGETED SCRUB AND SECONDARY WOODLAND WITHIN THE ORDER LIMITS WOULD BE REMOVED. SUBJECT TO LANDOWNER CONSENT, THESE AREAS WOULD BE REINSTATED AS HEATHLAND OR ACID GRASSLAND THROUGH NATURAL REGENERATION (HRA2).
  7. HEATHLAND WITHIN STATUTORY OR NON-STATUTORY DESIGNATED WILDLIFE SITES WOULD BE REINSTATED USING NATURAL REGENERATION UNLESS OTHERWISE AGREED WITH NATURAL ENGLAND (HRA1).
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- LEGEND**
- ▲ ▲ DIRECTION OF CROSS SECTION
  - ORDER LIMITS
  - - - LIMITS OF DEVIATION
  - SSSI
  - ▨ MITIGATION AREAS (WITHIN ORDER LIMITS)



C01.1	02.05.2019	DCO SUBMISSION	AR	DS	SC	PH
P02.2	20.02.2019	FOR ESSO REVIEW AND COMMENT	AR	MO	MO	PH
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P01.2	17.01.2019	FOR ESSO REVIEW AND COMMENT	AR	MO	ND	PH
P01.1	09.01.2019	FOR REVIEW AND COMMENT	AR	MO	ND	PH
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd

**JACOBS**  
 1180 Eskdale Road, Wokingham, Wokingham, RG41 5TU  
 Tel: +44(0)118 946 7000 - Fax: +44(0)118 946 7001  
 www.jacobs.com

Client: Esso Petroleum Company, Limited  
 Ermyn House,  
 Ermyn Way,  
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 KT22 8UX

Project: Southampton to London Pipeline Project

Drawing title: **Figure 7.11 - COLONY BOG & BAGSHOT HEATH SSSI PLAN EAST**

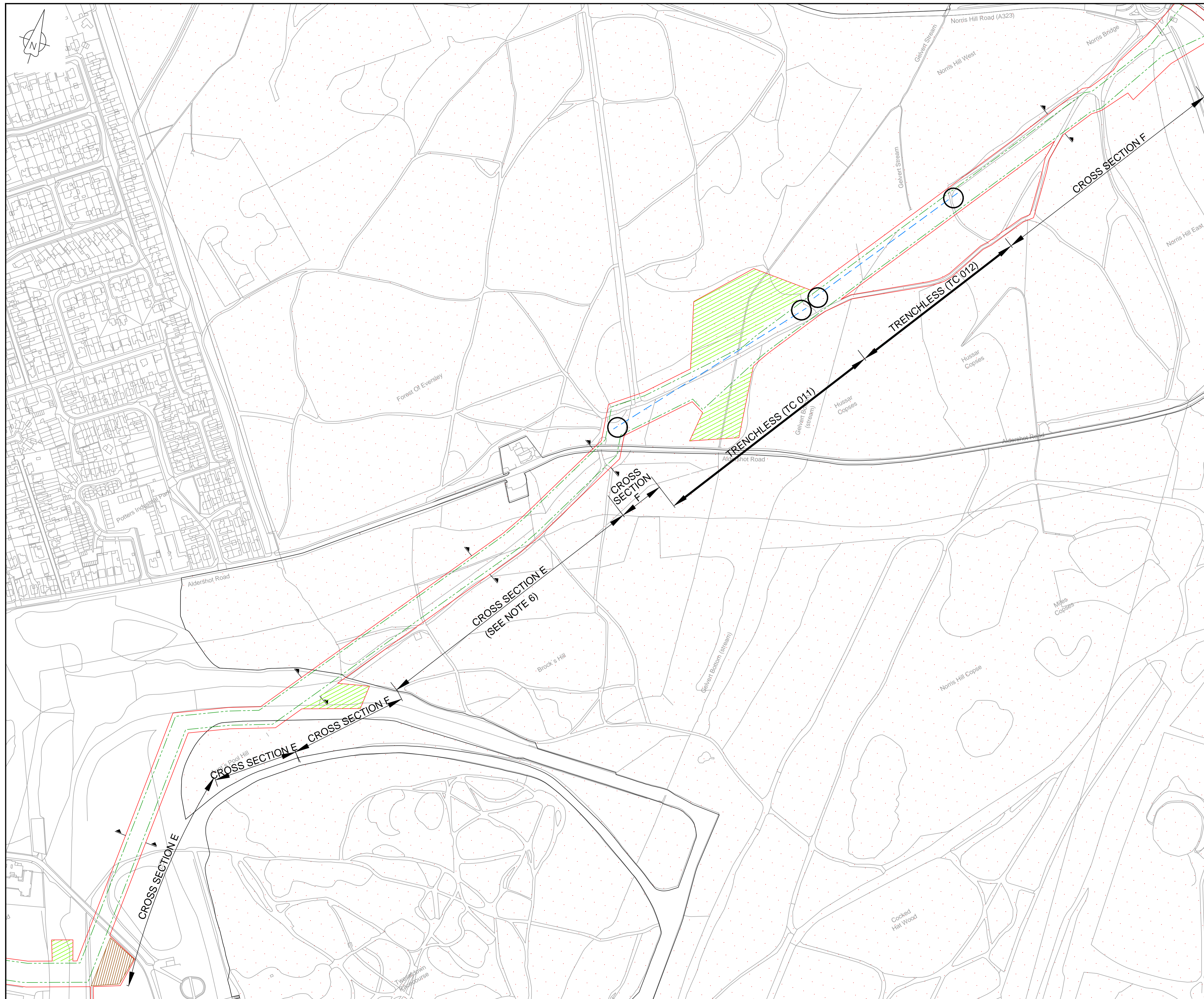
Drawing status: **Fit for Stage Approval**

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Jacobs No.	B2325300	Rev
Client no.		<b>C01.1</b>

Drawing number: **B2325300-JAC-000-CIV-DRG-000413**

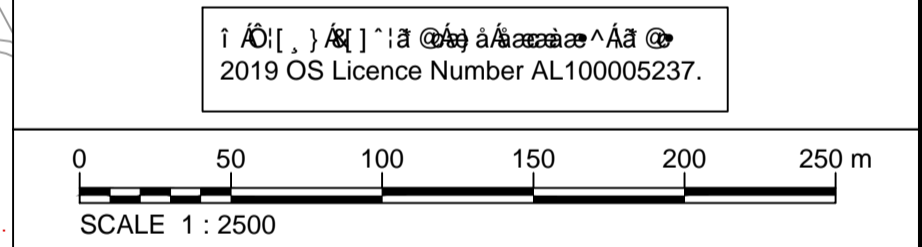
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  8. THIS DRAWING IS IN ASSOCIATION WITH APFP Reg. (2009) 5(2)(o and i).

- LEGEND**
- ▲ ▲ DIRECTION OF CROSS SECTION
  - ORDER LIMITS
  - LIMITS OF DEVIATION
  - - - DIRECTIONAL DRILLING LENGTH
  - ▨ MITIGATION AREAS (WITHIN ORDER LIMITS)
  - ⋯ SSSI
  - HORIZONTAL DIRECTIONAL DRILLING COMPOUND



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P02.2	19.02.2019	FOR ESSO REVIEW AND COMMENT	AR	MO	MO	PH
P02.1	11.02.2019	FOR ESSO REVIEW AND COMMENT	AR	MO	DS	PH
P01.2	17.01.2019	FOR ESSO REVIEW AND COMMENT	AR	MO	ND	PH
P01.1	14.01.2019	FOR REVIEW AND COMMENT	AR	MO	PH	ND
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**JACOBS**  
 1180 Eskdale Road, Wokingham, Wokingham, RG41 5TU  
 Tel: +44(0)118 946 7000 - Fax: +44(0)118 946 7001  
 www.jacobs.com

Client: Esso Petroleum Company, Limited  
 Emryn House,  
 Emryn Way,  
 Leatherhead,  
 Surrey,  
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Project: Southampton to London Pipeline Project

Drawing title: **Figure 7.12 - BOURLEY & LONG VALLEY SSSI PLAN**

Drawing status: **Fit for Stage Approval**

Scale	1:2500 @ A1	DO NOT SCALE
Jacobs No.	B2325300	Rev
Client no.		<b>C01.1</b>
Drawing number	<b>B2325300-JAC-000-CIV-DRG-000414</b>	

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