

Southampton to London Pipeline Project

Scoping Report **Volume 2: Chapters 1 - 7 Figures**

PINS Reference Number EN070005
July 2018



Contents of Scoping Report

Digital file 1 – Scoping Report Volume 1 – Chapters and Appendices

Digital file 2 – Scoping Report Volume 2 – Figures Chapters 1 – 7

Digital file 3 – Scoping Report Volume 2 – Figures Chapters 8 – 9

Digital file 4 – Scoping Report Volume 2 – Figures Chapter 10

Digital file 5 – Scoping Report Volume 2 – Figures Chapter 11

Digital file 6 – Scoping Report Volume 2 – Figures Chapters 13 – 16

Digital file 7 – Scoping Report Volume 2 – Figures Appendices

Volume 2: Chapter 1 – 7 Figures

List of Figures

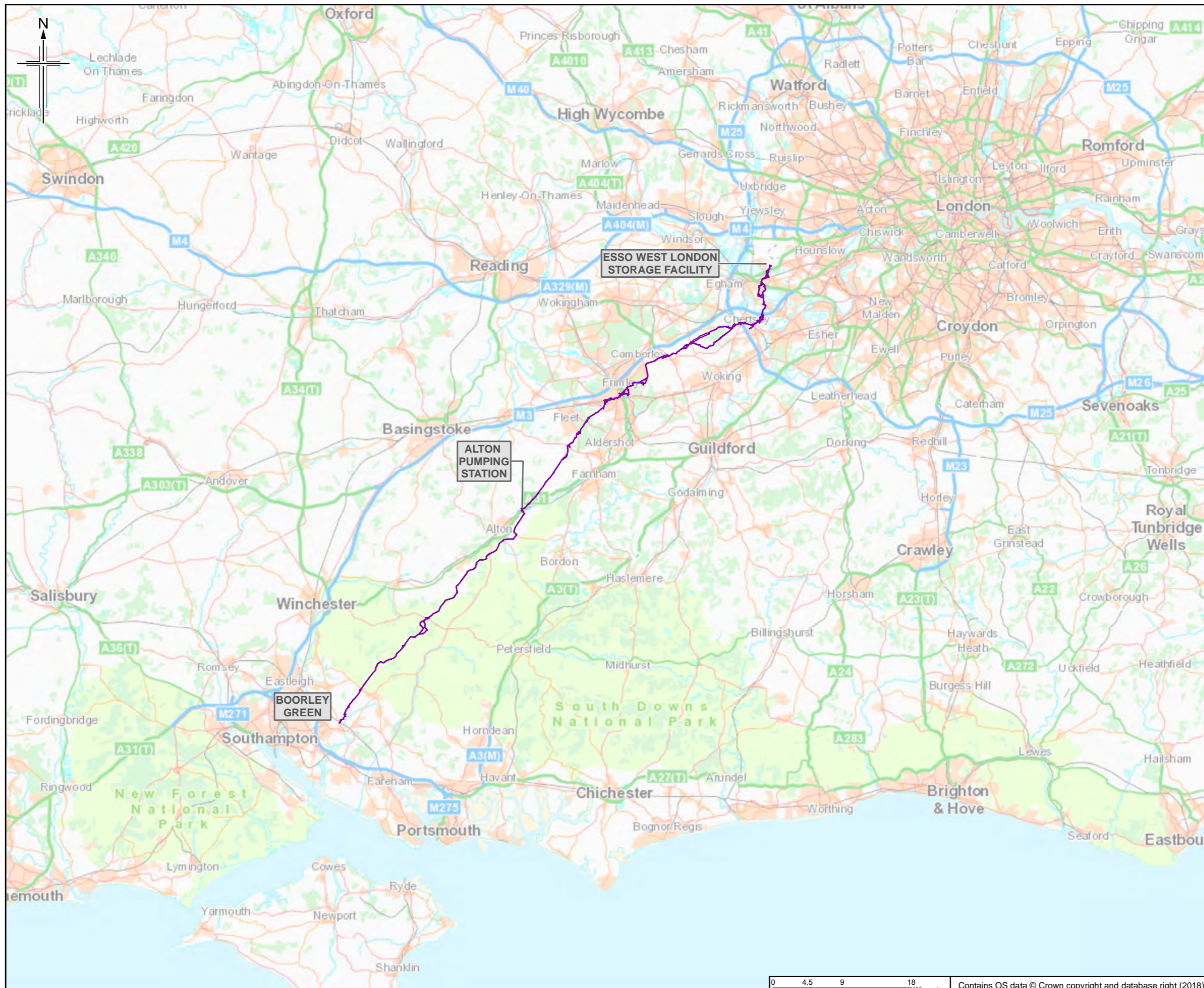
1.	Chapter 1 – Introduction	
1.1	Location of Scheme	
1.2	EIA Process	(Within main text)
1.3	Road Map to the Scoping Report	(Within main text)
1.4	Road Map to Topic Locations	
3.	Chapter 3 – Description of the Development	
3.1	Project Order Limits Overview	
3.2	Project Order Limits Sections	
3.3	Indicative Layout of new pigging station near Boorley Green	(Within main text)
3.4	Photograph of an existing pigging station.....	(Within main text)
3.5	Indicative valve enclosure layout.....	(Within main text)
3.6	Photograph of an existing valve enclosure and flight marker post.....	(Within main text)
3.7	Photograph of an existing CP transformer rectifier cabinet.....	(Within main text)
3.8	Photograph of a typical industry standard marker post.....	(Within main text)
3.9	Alton pumping station main pipe storage compound layout.....	(Within main text)
3.10	Indicative temporary rural construction compound layout.....	(Within main text)
3.11	Open cut trenching and typical working width	(Within main text)
3.12	Auger bore technique.....	(Within main text)
3.13	Horizontal directional drilling (HDD) technique.....	(Within main text)
3.14	Micro-tunnelling technique.....	(Within main text)
4.	Chapter 4 – Design Evolution	
4.1	Relationship between pipeline corridor and route	(Within main text)
4.2	Long List Corridor Options (South)	
4.3	Long List Corridor Options (North).....	
4.4	Short List Corridor Options (South)	
4.5	Short List Corridor Options (North)	
4.6	Favoured and Preferred Corridor – Option G (South)	
4.7	Favoured and Preferred Corridor – Option J (North).....	
6.	Chapter 6 – Impact Assessment Methodology	
6.1	Significance Matrix.....	(Within main text)
7.	Chapter 7 – Biodiversity.....	
7.1	Designated Sites and Ancient Woodland	
7.2	Priority Habitat Location Plan	

Chapter 1

Figures

Scoping Report Volume 2





Legend
 Order Limits

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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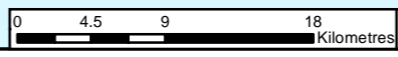
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LOCATION OF SCHEME

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FIGURE 1.4 ROAD MAP TO TOPIC LOCATIONS

CONTENTS OF CHAPTER		LINKS TO OTHER CHAPTERS	CONTENTS OF CHAPTER		LINKS TO OTHER CHAPTERS												
1 Introduction	<ul style="list-style-type: none"> • Overview of the Project • Background to the EIA • Structure of the report 		7 Biodiversity	<ul style="list-style-type: none"> • Aquatic ecology • Terrestrial ecology • Noise & air quality impacts on biodiversity • Impacts of changes in water levels on biodiversity • Impact of soil disturbance 	<ul style="list-style-type: none"> • Groundwater for dependent terrestrial ecology (Chapter 8) 												
2 Regulatory context	<ul style="list-style-type: none"> • Main regulations • Planning policies 	<ul style="list-style-type: none"> • Policy relevant to topic areas (Chapters 7 to 16) • Regional & local planning policies (Appendix 2) 	8 Water	<ul style="list-style-type: none"> • Surface water • Groundwater • Flood risk including climate effects • Geomorphology 	<ul style="list-style-type: none"> • Aquatic ecology, Impacts of changes on water dependant ecosystems geomorphology & aquatic ecology (Chapter 7) • Water Framework Directive and flood risk (Appendix 5) 												
3 Description of the Development	<ul style="list-style-type: none"> • Overview of project • Route of replacement pipeline • Above ground installations • Construction • Operation and maintenance • Decommissioning 	<ul style="list-style-type: none"> • Iterative scheme alterations and alternative corridors (Chapter 4) 	9 Historic Environment	<ul style="list-style-type: none"> • Built historic environment (inc. historic buildings, archaeology & historic landscape) • Archaeology • Impacts of noise and visual on historic settings 	<ul style="list-style-type: none"> • Landscape & visual Assessment (Chapter 10) • Historic Environment inventory tables (Appendix 6) • Noise (Appendix 8) 												
4 Design evolution	<ul style="list-style-type: none"> • How the currently presented Project was decided • Alternative options considered • Mitigation by design • Mitigation by best practice 		10 Landscape & Visual	<ul style="list-style-type: none"> • Zone of theoretical visibility • Landscape assessment • Arboriculture 	<ul style="list-style-type: none"> • Historic landscape (Chapter 9) • Impact of view change on communities and use of rights of way (Chapters 13 & 14) 												
5 Consultation	<ul style="list-style-type: none"> • Why we consult • Consultation process so far • Stakeholder management 	<ul style="list-style-type: none"> • Details of consultations (Consultation Document) • Future consultation 	11 Soils & Geology	<ul style="list-style-type: none"> • Geology & mineral sites • Agricultural soils • Contamination • Landfill sterilisation • Exposure to landfill gas / leachate 	<ul style="list-style-type: none"> • Invasive species (Chapter 7) • Hydrogeology and impacts of contaminant on water (Chapter 8) • Commercial potential of landfill or minerals resource (Chapter 12) • Impacts of contaminants on health (Chapter 13) • Waste (Appendix 7) 												
6 Impact Assessment Methodology	<ul style="list-style-type: none"> • How we will assess the Project • Our approach to mitigation 	<ul style="list-style-type: none"> • Detailed methodologies. Definition of magnitude and sensitivity (Chapters 7-16) • Survey Methodology Report (Appendix 3) 	<p>Key:</p> <table border="0"> <tr> <td> General Chapters</td> <td> Landscape and visual</td> <td> Health impacts</td> </tr> <tr> <td> Biodiversity</td> <td> Soils and geology</td> <td> Major accidents</td> </tr> <tr> <td> Water</td> <td> Land use</td> <td> Cumulative effects</td> </tr> <tr> <td> Historic Environment</td> <td> People and communities</td> <td> Appendices</td> </tr> </table>			 General Chapters	 Landscape and visual	 Health impacts	 Biodiversity	 Soils and geology	 Major accidents	 Water	 Land use	 Cumulative effects	 Historic Environment	 People and communities	 Appendices
 General Chapters	 Landscape and visual	 Health impacts															
 Biodiversity	 Soils and geology	 Major accidents															
 Water	 Land use	 Cumulative effects															
 Historic Environment	 People and communities	 Appendices															

CONTENTS OF CHAPTER		LINKS TO OTHER CHAPTERS
12 Land Use	<ul style="list-style-type: none"> Residential, community and commercial assets Development land Agricultural land Forestry 	<ul style="list-style-type: none"> Affected drainage alterations (Chapter 8) Arbocultural effects (Chapter 10) Landfill sterilisation, ground contamination, agricultural soils (Chapter 11) Effects on local community (Chapter 13) Waste (Appendix 7)
13 People & Communities	<ul style="list-style-type: none"> Short term construction effects from noise, air quality, dust, visual intrusion Job creation Traffic & transport effects Rights of way, recreation, amenity Contamination effects on community 	<ul style="list-style-type: none"> Visual intrusion (Chapter 10) Businesses (Chapter 12) Effects on health of community (Chapter 14) Air, noise, traffic and Equality Impact Assessment (Appendix 8)
14 Health Impacts	<ul style="list-style-type: none"> Qualitative risk assessment Air quality, dust & noise effects Stress 	<ul style="list-style-type: none"> Potential for exposure to landfill gas / leachate (Chapter 11) Air, noise, traffic and Equality Impact Assessment (Appendix 8)
15 Major Accidents	<ul style="list-style-type: none"> Major accidents & incidents Prevention & maintenance Pipeline security 	<ul style="list-style-type: none"> Designated sites (Chapter 7) Minor events (Chapter 11)
16 Cumulative Effects	<ul style="list-style-type: none"> Summary of multiple effects on one receptor (Type 1 effect) Combined effects with nearby development (Type 2 effects) 	<ul style="list-style-type: none"> Type 1 effects (Chapters 7-16) Long list of development (Appendix 8)
17 Next Steps	<ul style="list-style-type: none"> What happens next 	
18 References	<ul style="list-style-type: none"> References 	

CONTENT OF APPENDICES	LINKS TO CHAPTER
Appendix 1 Outline Code of Construction Practice	All Chapters
Appendix 2 Regional and Local Plans	All Chapters
Appendix 3 Survey Methodology Report	All Chapters
Appendix 4 Habitats Regulations Assessment	Chapter 7
Appendix 5 Water Framework Directive and Flood Risk	Chapter 8
Appendix 6 Historic Environment Inventory Tables	Chapter 9
Appendix 7 Waste Technical Note	Chapter 11 Chapter 12
Appendix 8 Traffic, Air Quality, Noise and Equality Impact Assessment Technical Notes	Chapter 13 Chapter 14
Appendix 9 Cumulative Assessment Long List	Chapter 16
Glossary and acronyms	

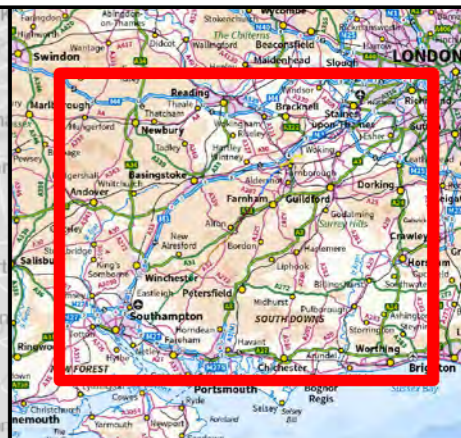
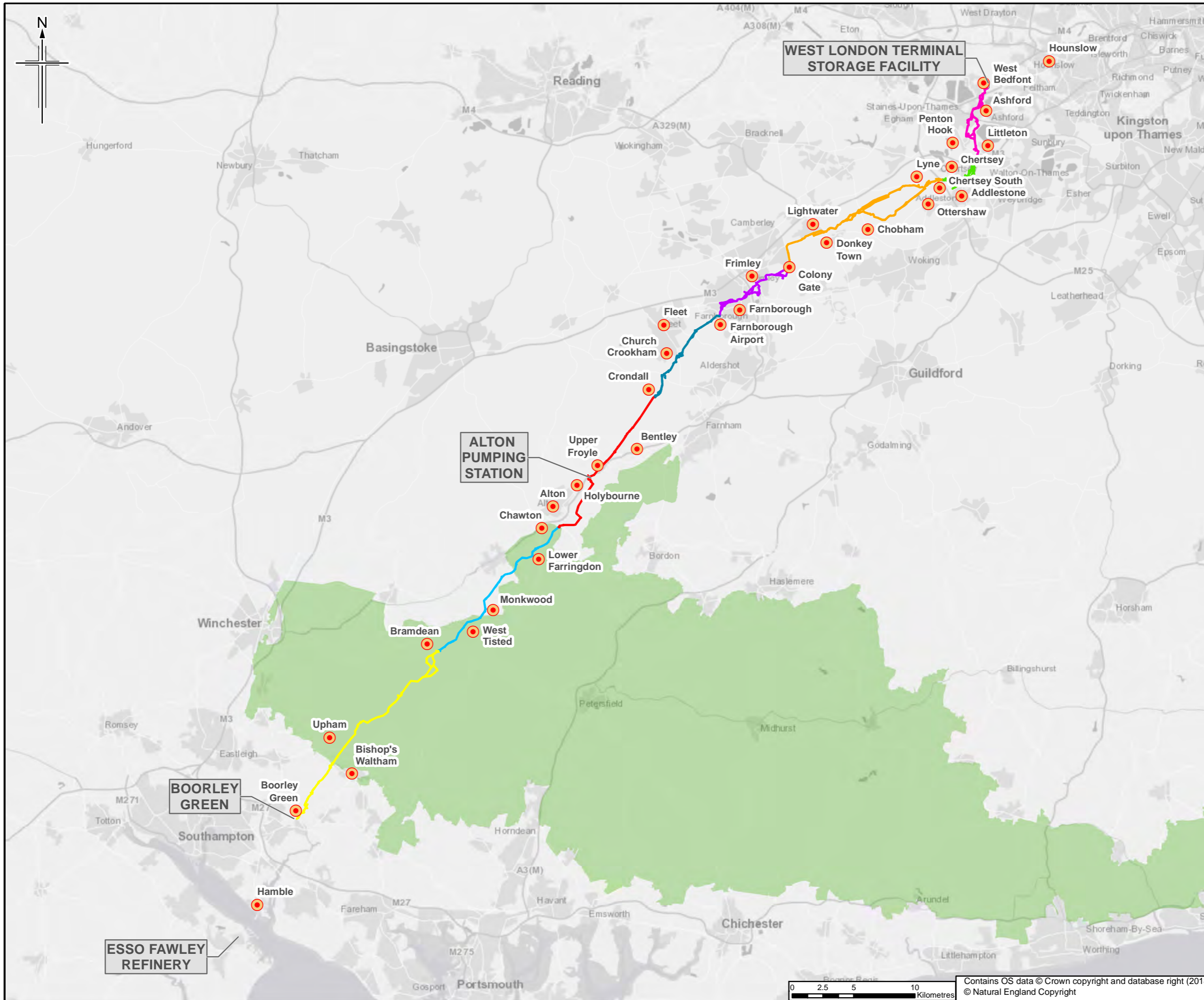
Key:

 General Chapters	 Landscape and visual	 Health impacts
 Biodiversity	 Soils and geology	 Major accidents
 Water	 Land use	 Cumulative effects
 Historic Environment	 People and communities	 Appendices

Chapter 3
Figures

Scoping Report Volume 2





- Legend**
- Section A
 - Section B
 - Section C
 - Section D
 - Section E
 - Section F
 - Section G
 - Section H
 - South Downs National Park

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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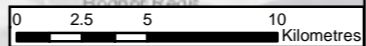
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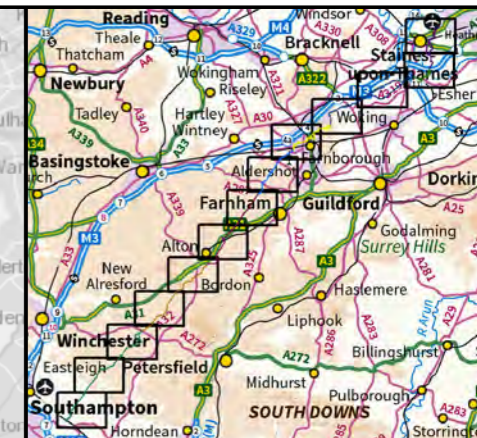
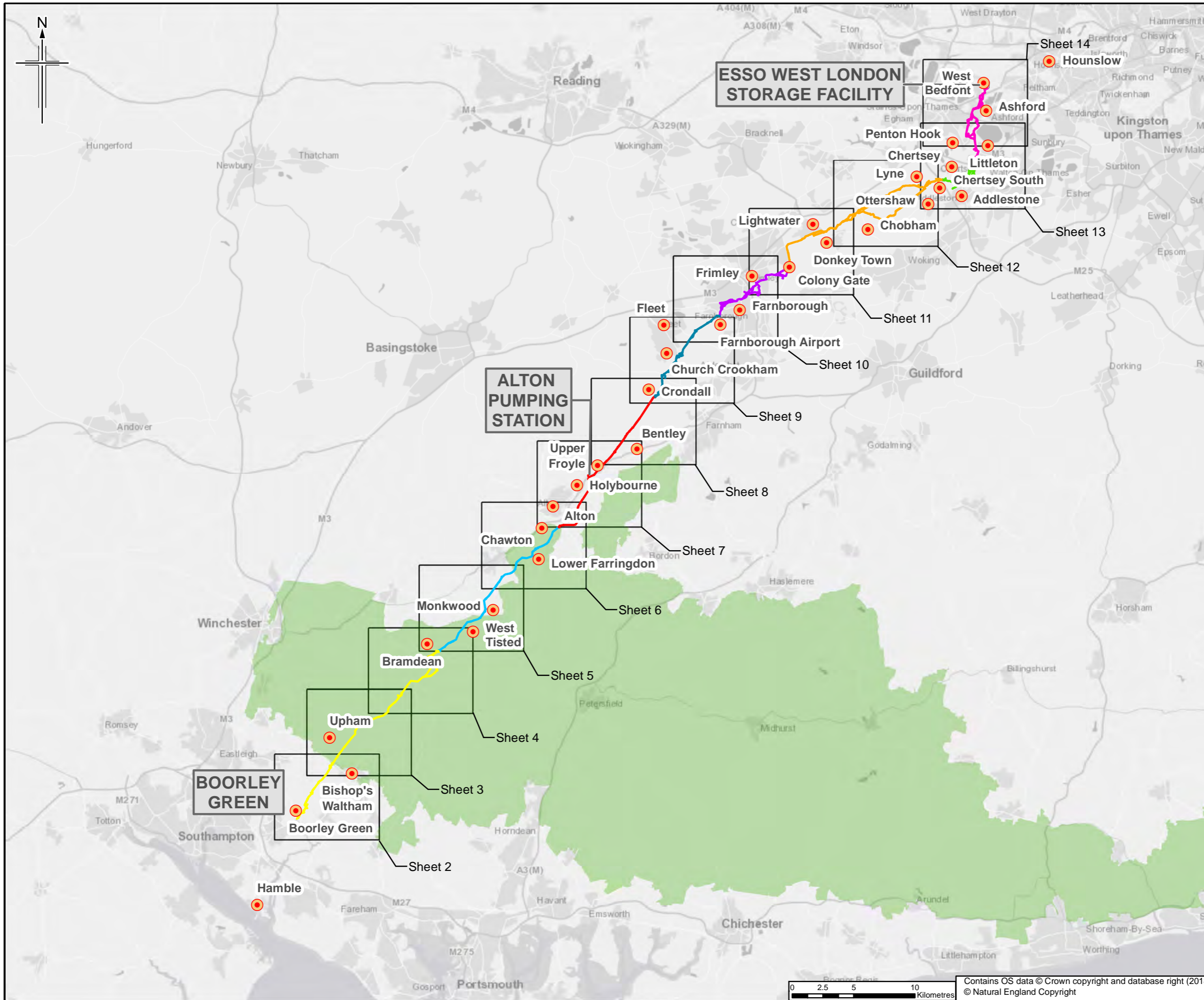
BOORLEY GREEN

ALTON PUMPING STATION

WEST LONDON TERMINAL STORAGE FACILITY



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Legend

- Section A
- Section B
- Section C
- Section D
- Section E
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- Section G
- Section H
- South Downs National Park

See Sheets 2 to 14 for details. The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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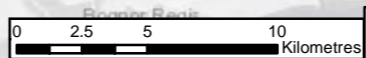
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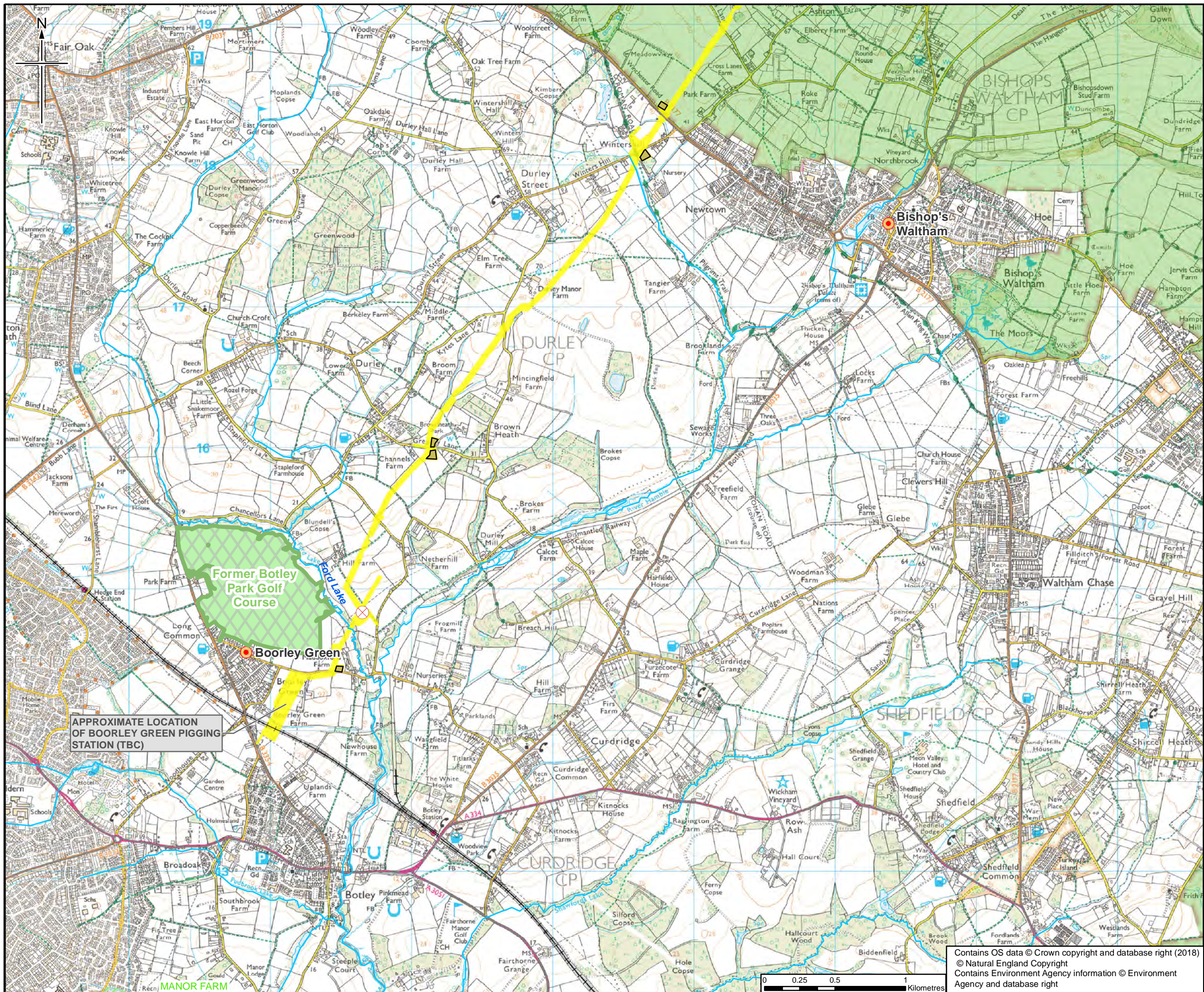
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 SECTIONS A-H KEY PLAN**

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- Legend**
- Construction Compound
 - Valve Location
 - Country Park
 - Former Botley Park Golf Course
 - Railway Lines
 - Roads
 - Watercourses
 - South Downs National Park
 - Section A

APPROXIMATE LOCATION OF BOORLEY GREEN PIGGING STATION (TBC)

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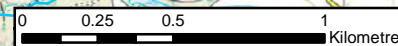
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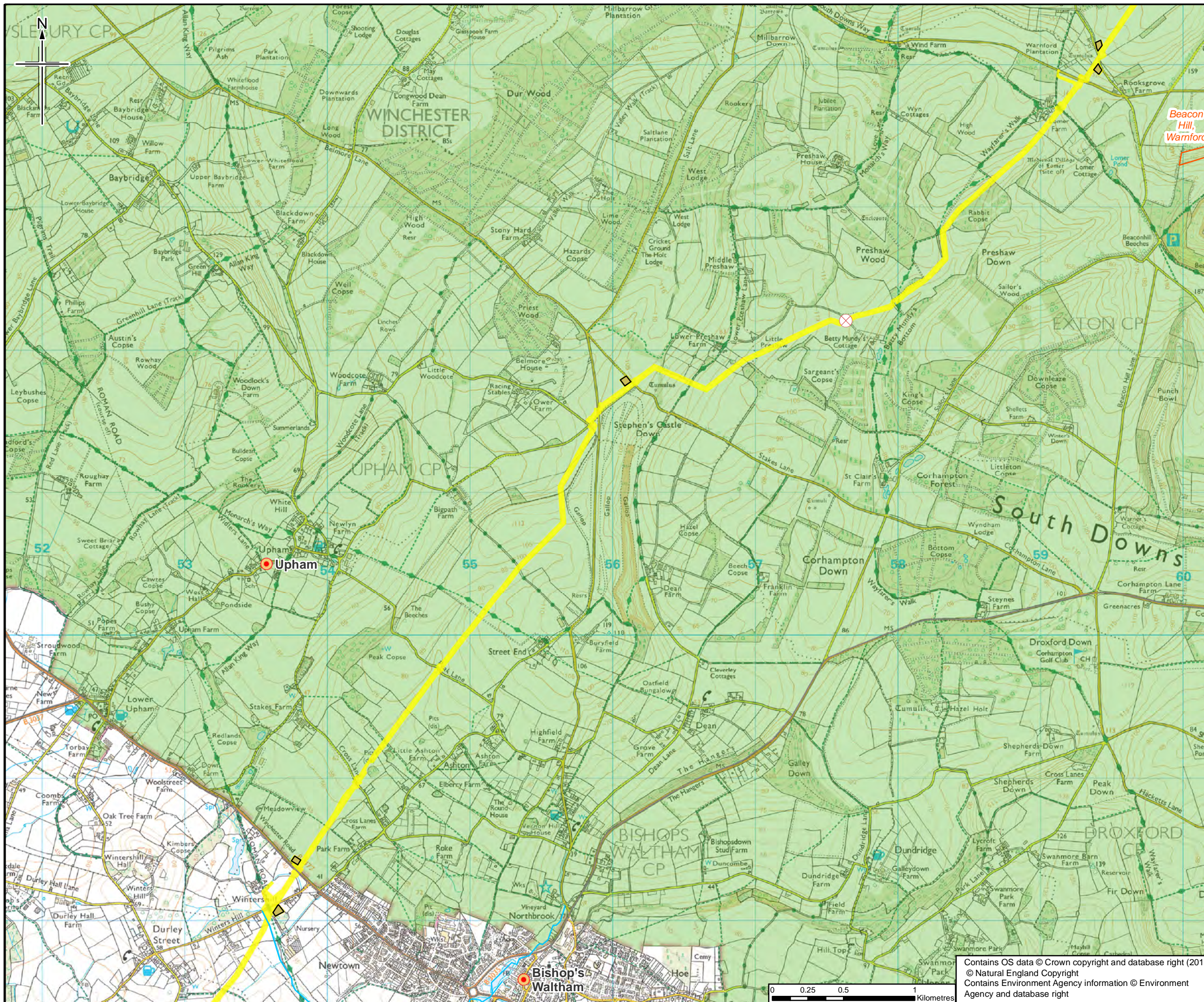
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 - Valve Location
 - Site of Special Scientific Interest (SSSI)
 - Roads
 - Watercourses
 - South Downs National Park
 - Section A

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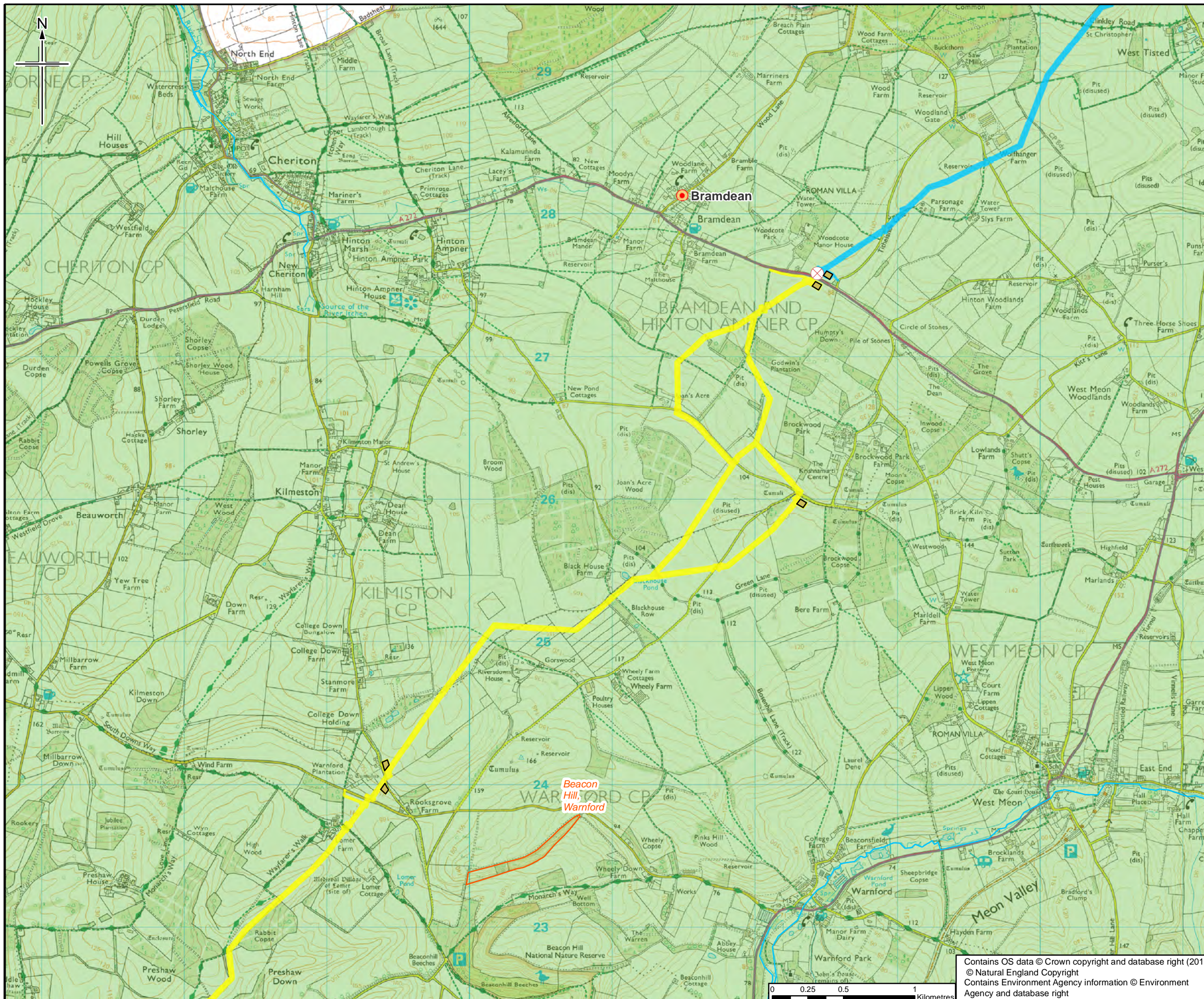
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 - South Downs National Park
 - Section A
 - Section B

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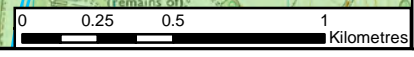
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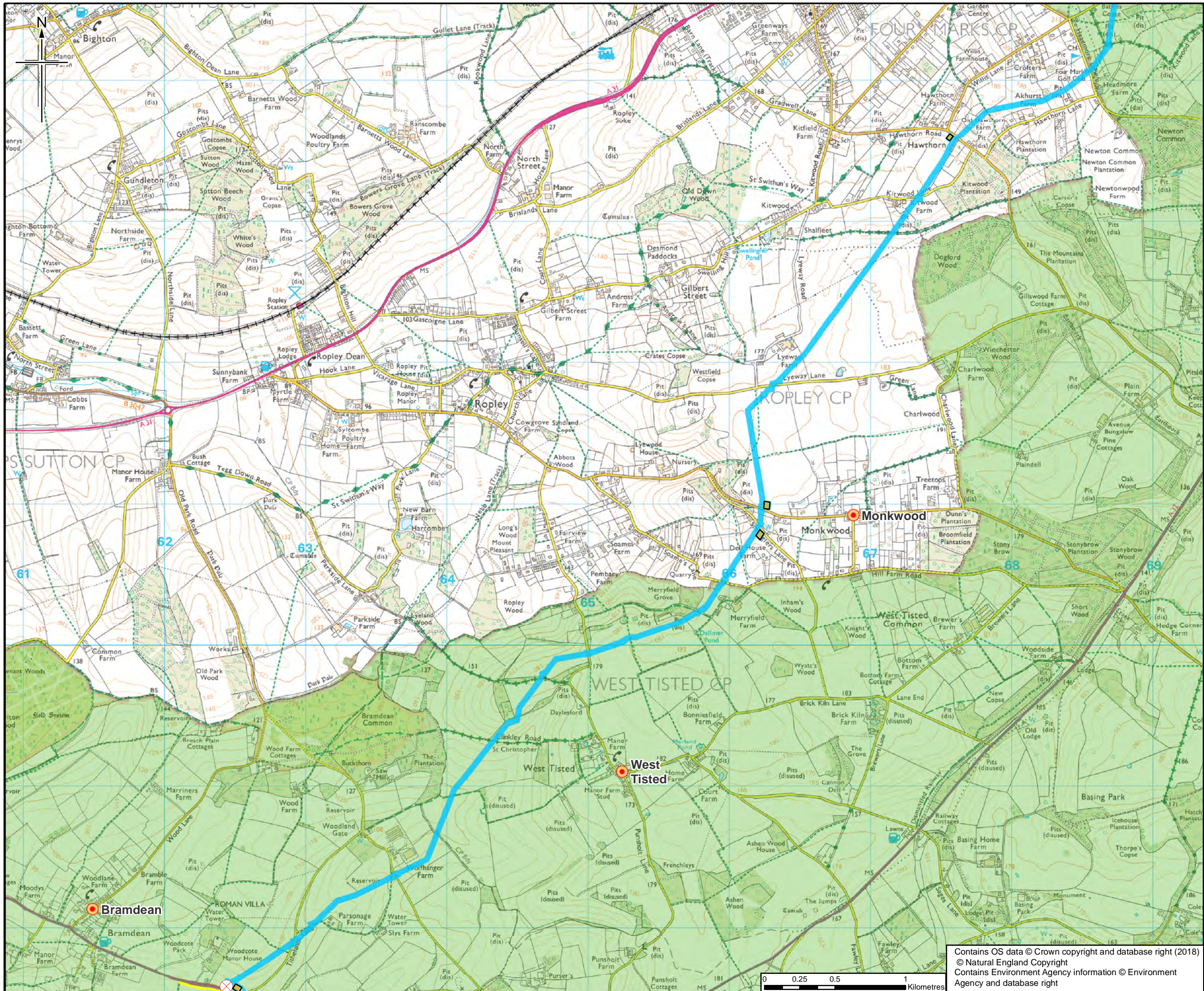
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 - Roads
 - South Downs National Park
 - Section A
 - Section B

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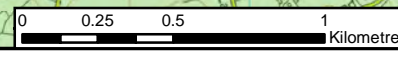
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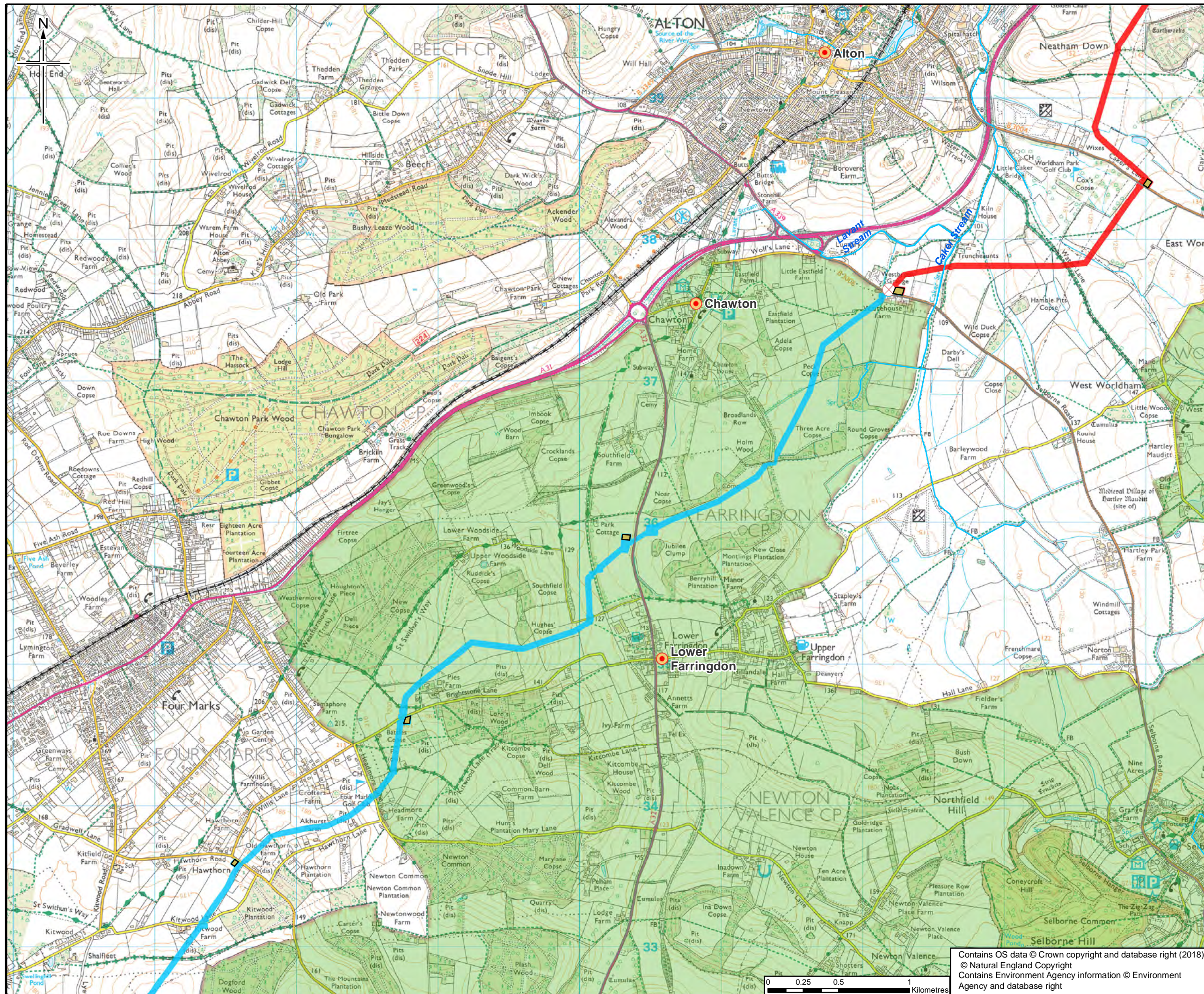
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 - South Downs National Park
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 - Section C

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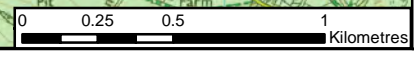
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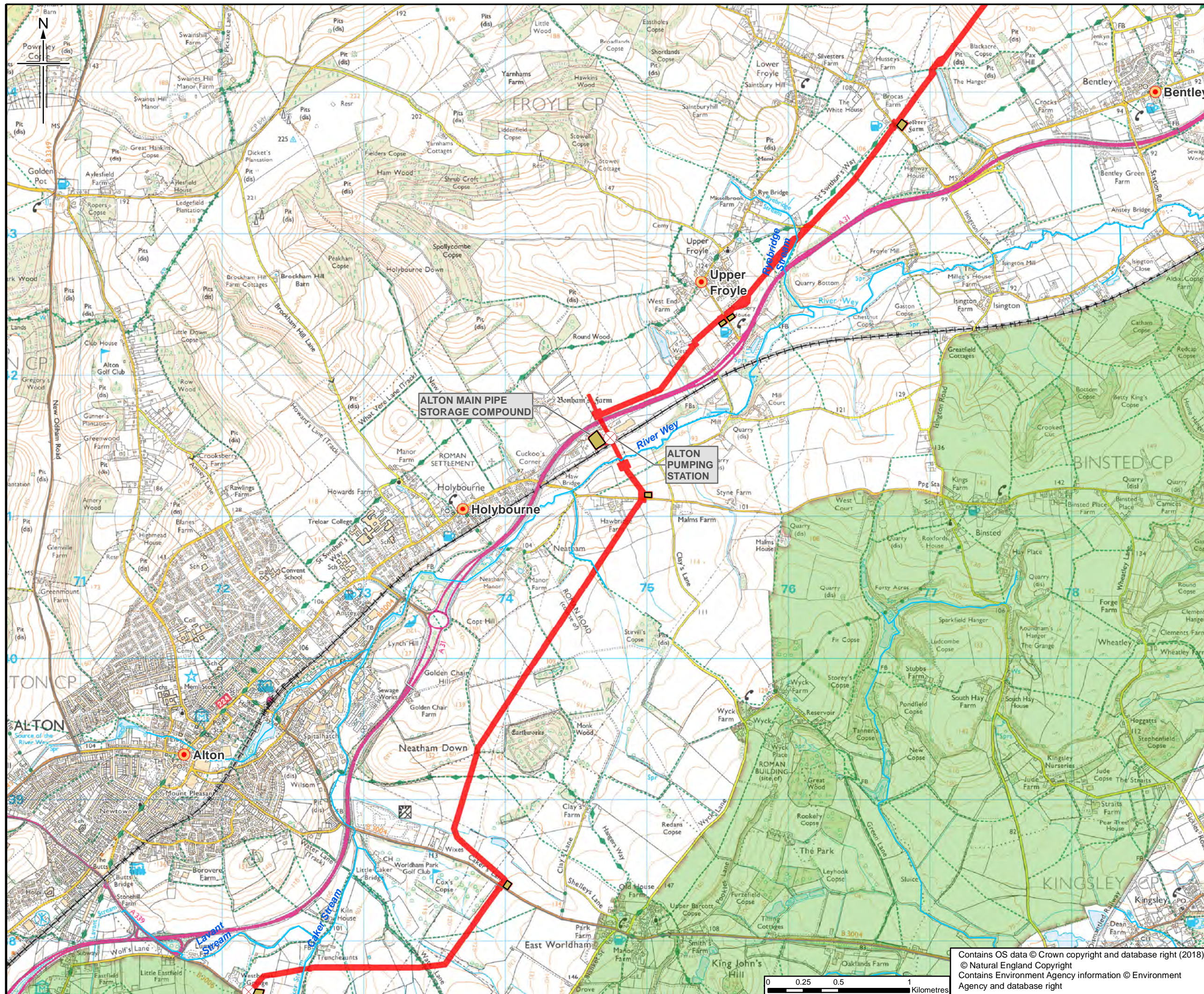
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 - Roads
 - Watercourses
 - South Downs National Park
 - Section B
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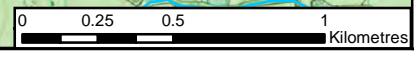
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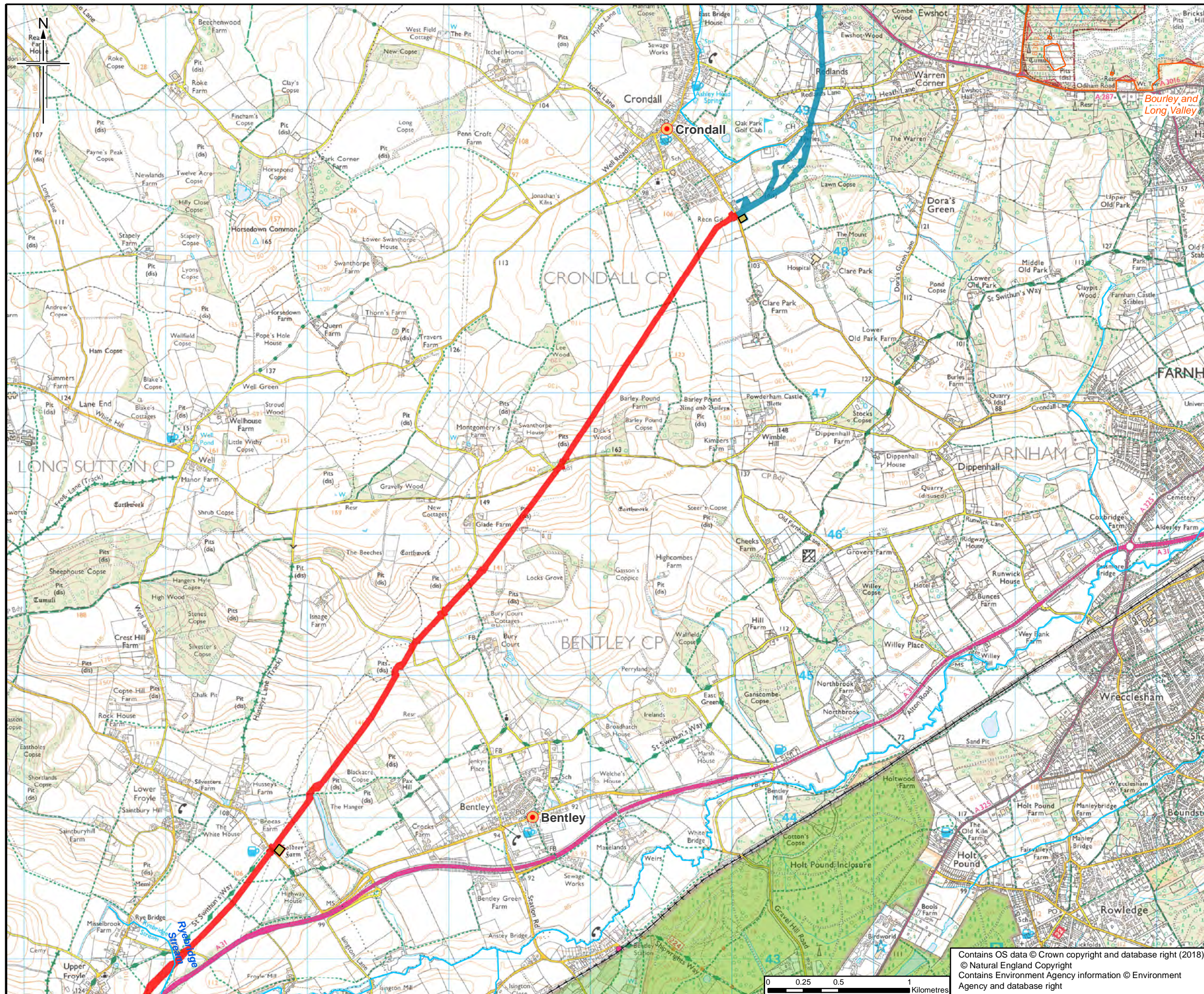
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- Legend**
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 - Site of Special Scientific Interest (SSSI)
 - Ministry of Defence Land
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 - Section C
 - Section D

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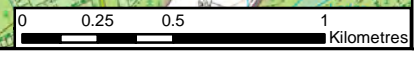
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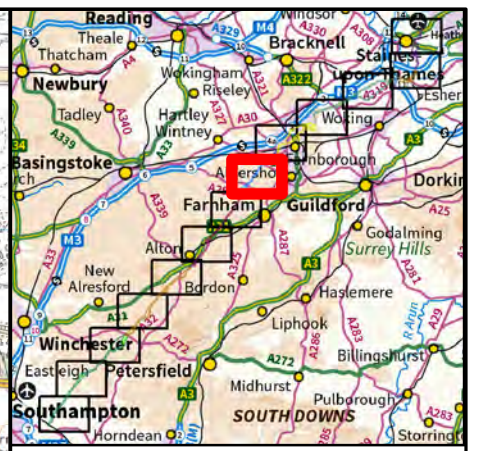
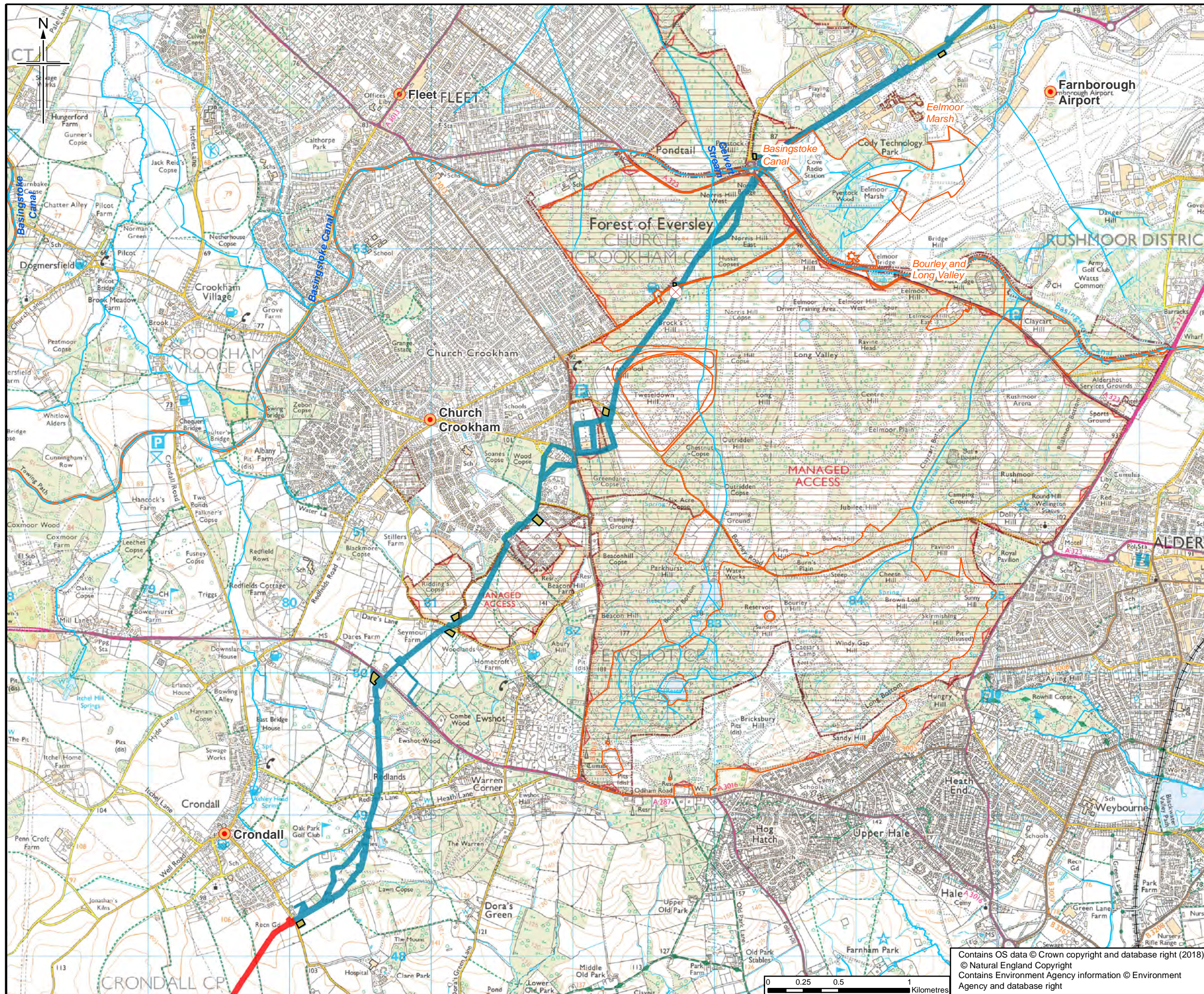
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 SECTIONS C & D**

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- Legend**
- Construction Compound
 - Valve Location
 - Site of Special Scientific Interest (SSSI)
 - Ministry of Defence Land
 - Railway Lines
 - Roads
 - Watercourses
 - Section C
 - Section D

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

Rev.	Date	For Issue	RK	VW	AJ	RS
0	23/07/2018	For Issue				
Rev.	Rev. Date	Purpose of revision	Ong/Dwn	Checkd	Rev'd	Apprv'd

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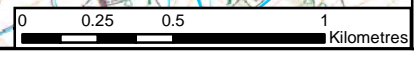
Project
 Southampton to London Pipeline Project

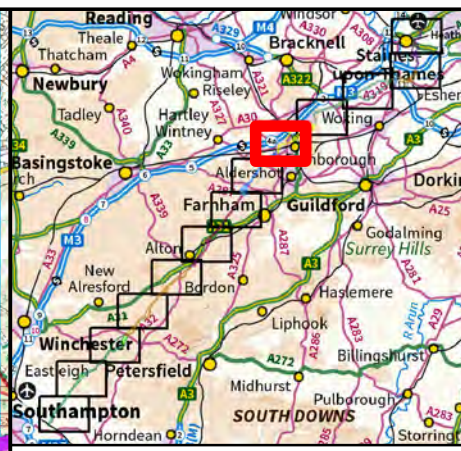
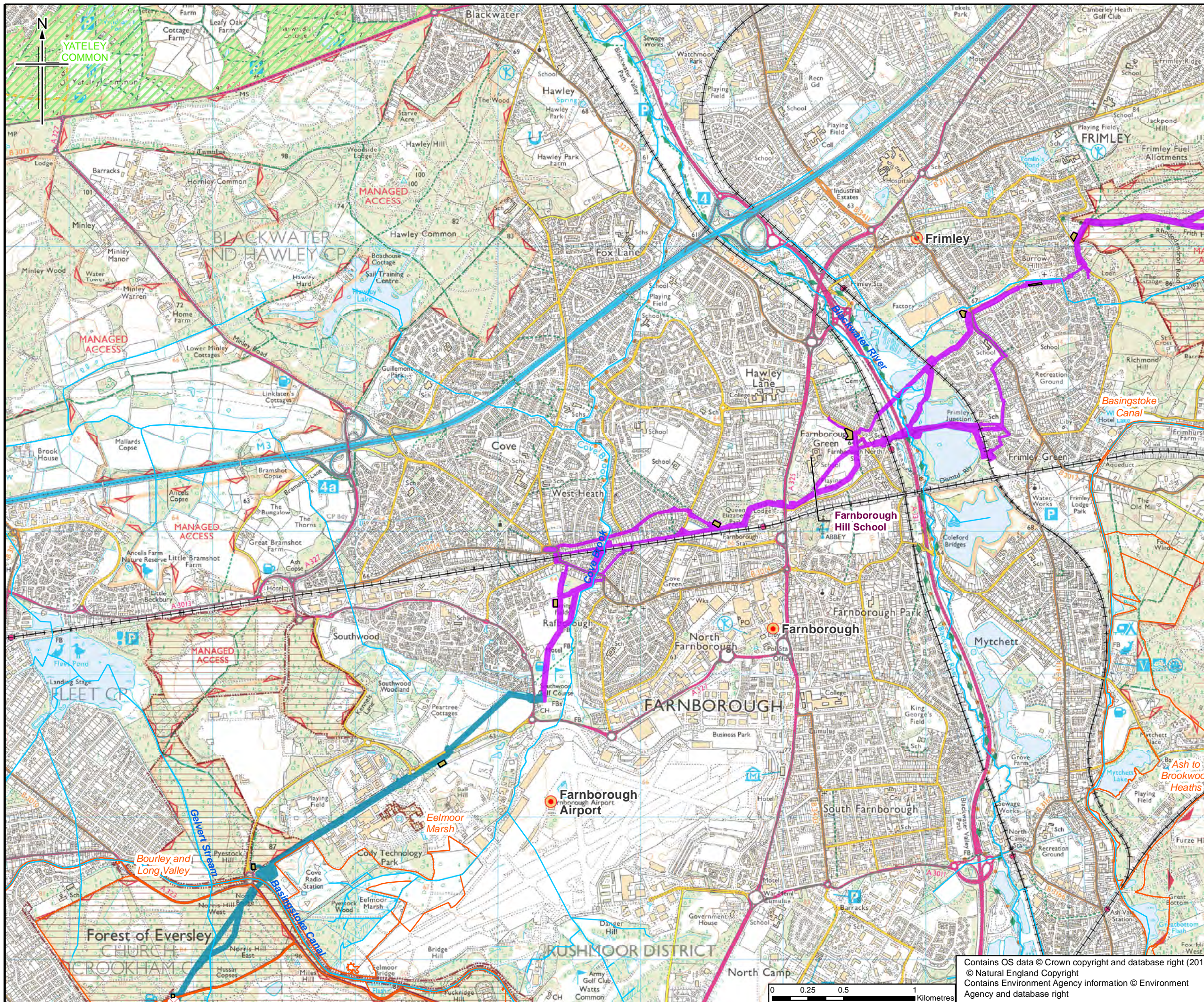
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 SECTIONS C & D**

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BIM No.	

Drawing number **Figure 3.2 Sheet 9 of 14** Rev **0**
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- Legend**
- Construction Compound
 - Valve Location
 - Site of Special Scientific Interest (SSSI)
 - Country Park
 - Ministry of Defence Land
 - Railway Lines
 - Roads
 - Watercourses
 - Section D
 - Section E

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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		Purpose of revision	Ong/Dwn	Checkd	Rev'd	Apprv'd

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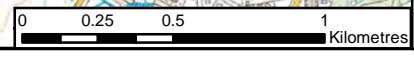
Project
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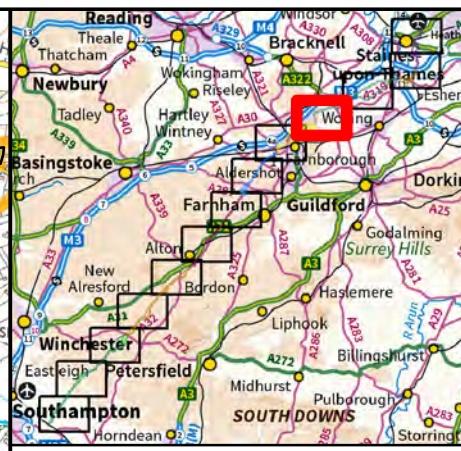
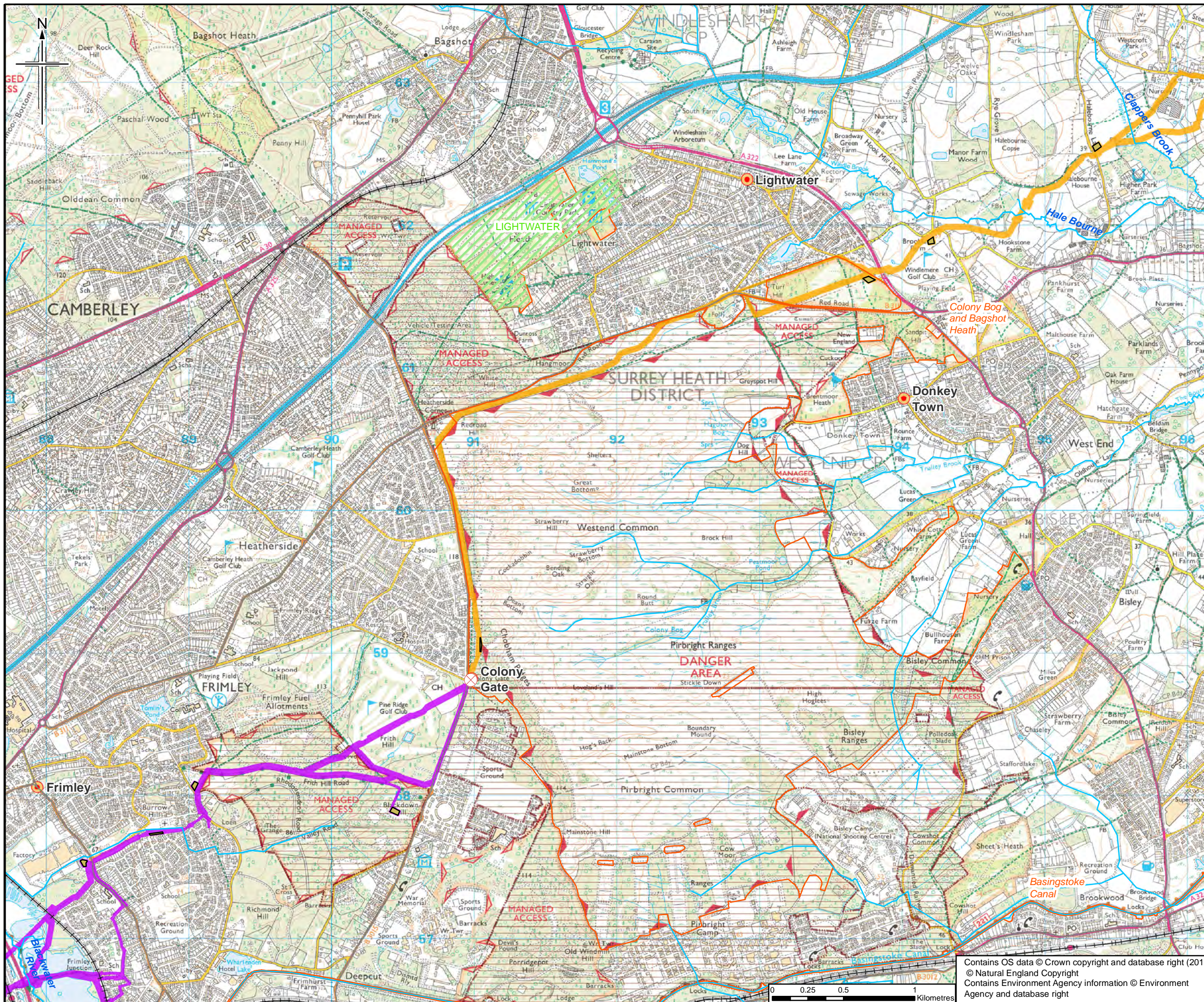
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 SECTIONS D & E**

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- Legend**
- Construction Compound
 - Valve Location
 - Site of Special Scientific Interest (SSSI)
 - Country Park
 - Ministry of Defence Land
 - Railway Lines
 - Roads
 - Watercourses
 - Section E
 - Section F

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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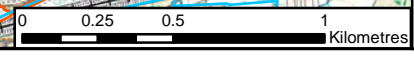
Project
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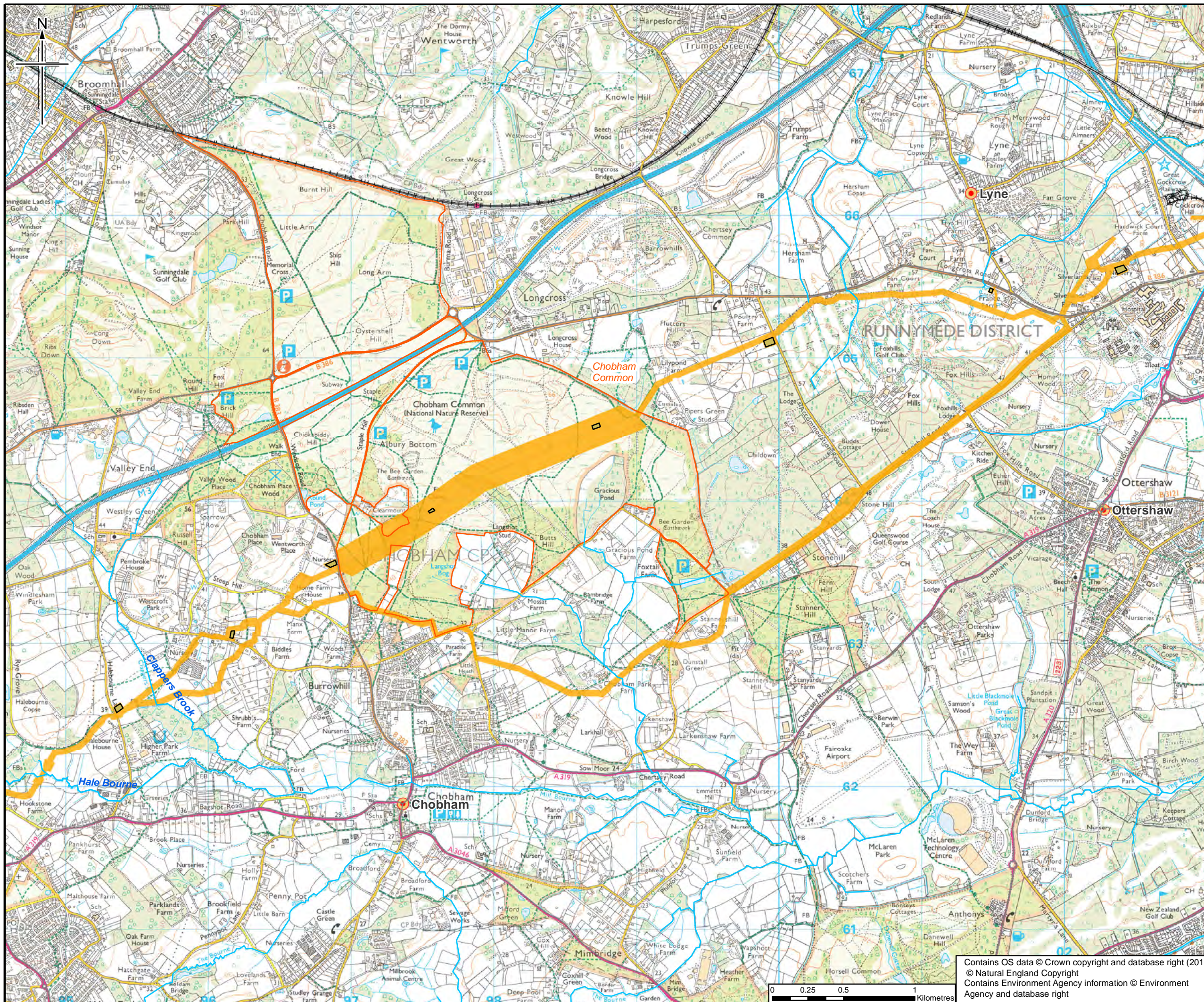
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 SECTIONS E & F**

Drawing Status	For Issue
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Jacobs No.	B2325300
BIM No.	
Drawing number	Figure 3.2 Sheet 11 of 14
Rev	0

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- Legend**
- Construction Compound
 - Site of Special Scientific Interest (SSSI)
 - Railway Lines
 - Roads
 - Watercourses
 - Section F

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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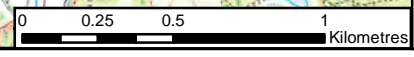
Project
Southampton to London Pipeline Project

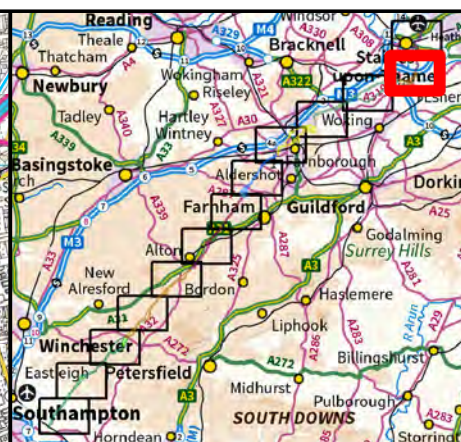
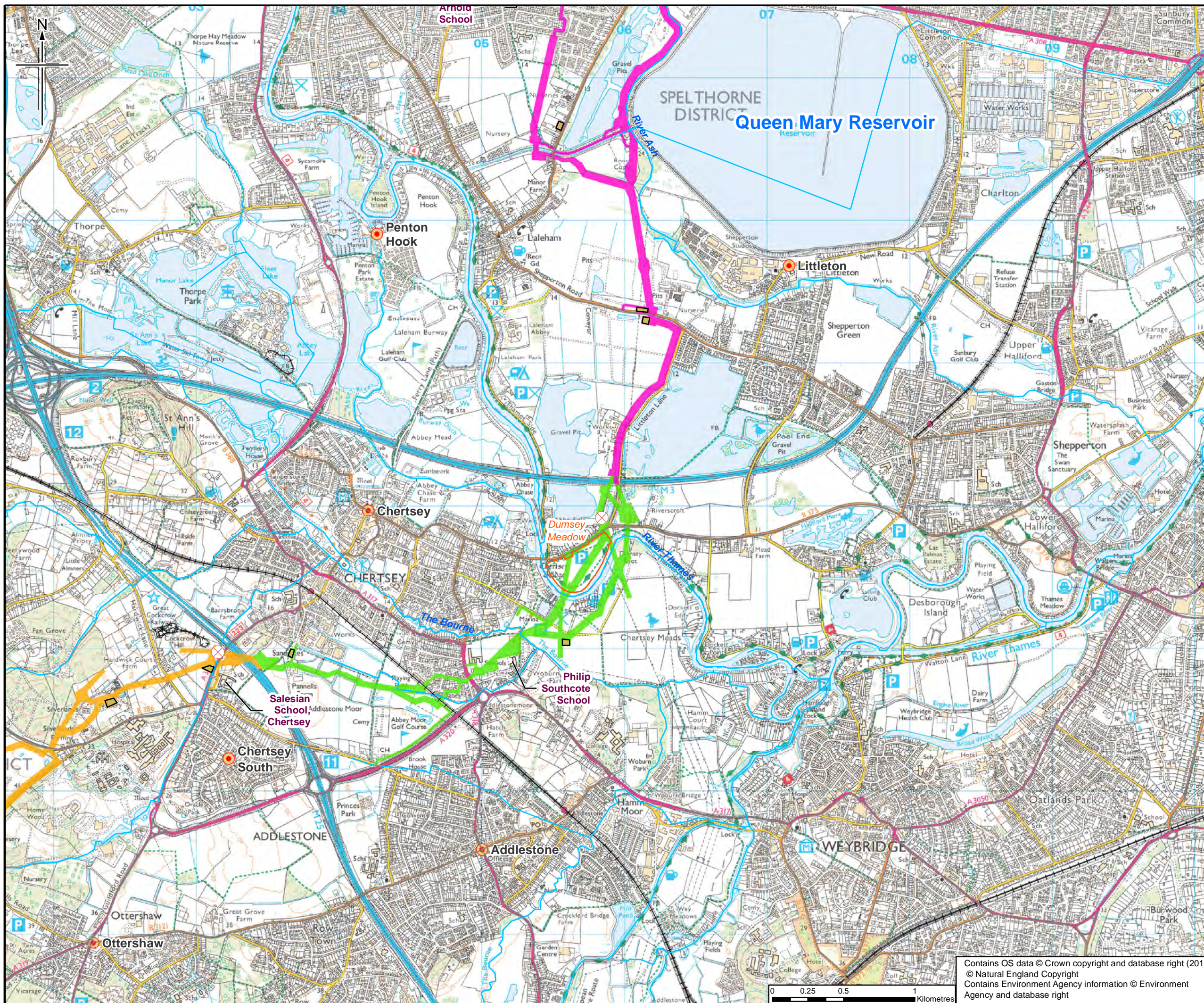
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PROJECT ORDER LIMITS SECTION F

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- Legend**
- Construction Compound
 - Valve Location
 - Site of Special Scientific Interest (SSSI)
 - Railway Lines
 - Roads
 - Watercourses
 - Section F
 - Section G
 - Section H

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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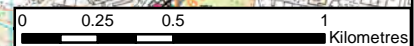
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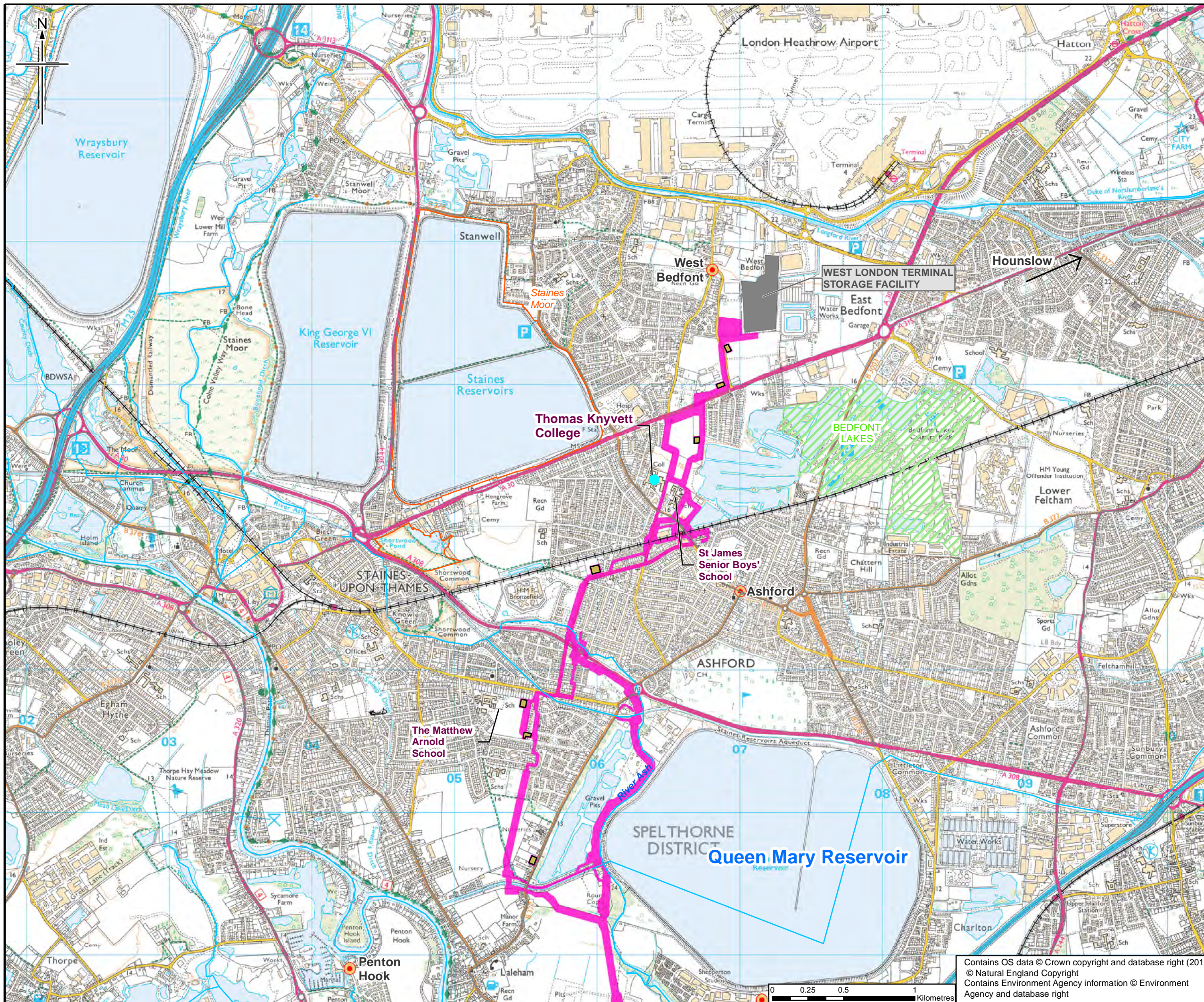
Drawing title
**PROJECT ORDER LIMITS
 SECTIONS F, G & H**

Drawing Status	For Issue	
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Jacobs No.	B2325300	
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Drawing number
 Figure 3.2 Sheet 13 of 14
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- Legend**
- Construction Compound
 - Site of Special Scientific Interest (SSSI)
 - Country Park
 - Railway Lines
 - Roads
 - Watercourses
 - West London Terminal Storage Facility
 - Section H

The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

Rev.	Rev. Date	For Issue	RK	VW	AJ	RS
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Drawing title
PROJECT ORDER LIMITS SECTION H

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Jacobs No.	B2325300	
BIM No.		
Drawing number	Figure 3.2 Sheet 14 of 14	Rev 0

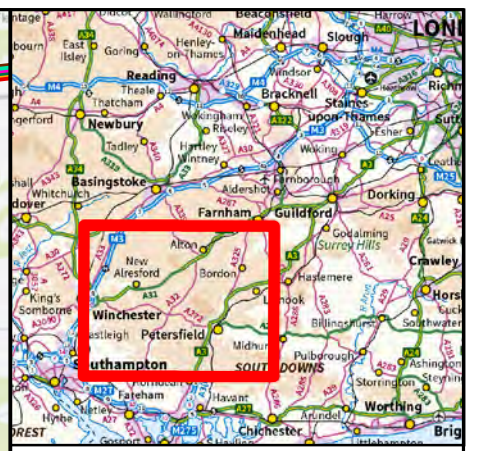
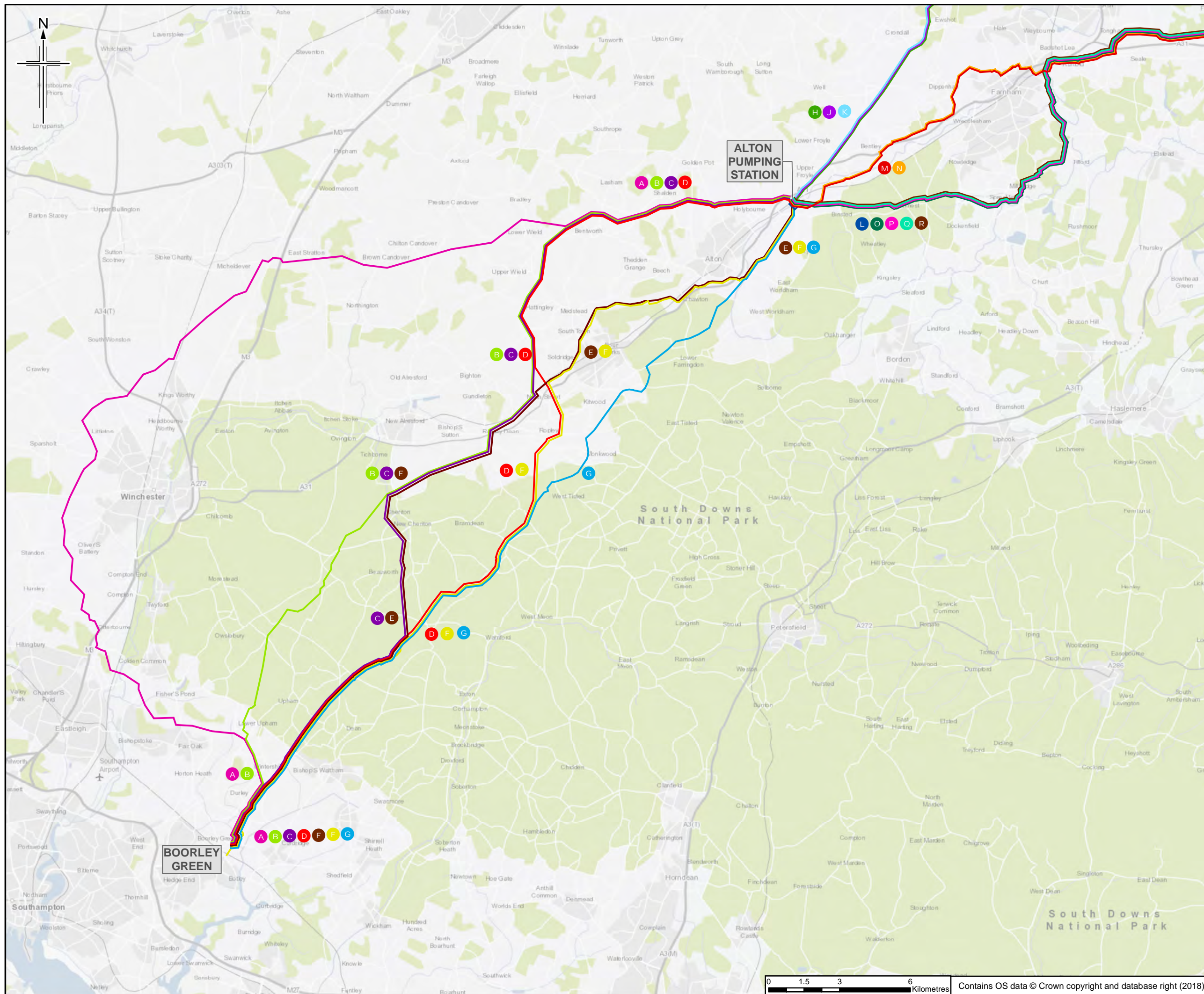
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Chapter 4
Figures

Scoping Report Volume 2





- Legend**
Long List Corridor Options, November 2017
- A
 - B
 - C
 - D
 - E
 - F
 - G (Favoured)
 - H
 - J (Favoured)
 - K
 - L
 - M
 - N
 - O
 - P
 - Q
 - R

Note: This figure shows the Long List of feasible pipeline corridor options in their form at the time of their original creation in November 2017. Colour coded centre lines have been used to illustrate each of the Long List pipeline corridor options, some of which are slightly offset to aid visualisation. Local widening of pipeline corridors and sub-options developed to allow routing flexibility due to potential constraints are not shown on the figure, however can be viewed in the brochure issued for the pipeline choices consultation (non-statutory) in April/May 2018.

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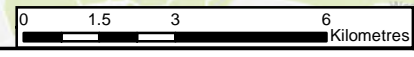
Client
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 Ermyn Way,
 Leatherhead,
 Surrey,
 KT22 8UX

Project
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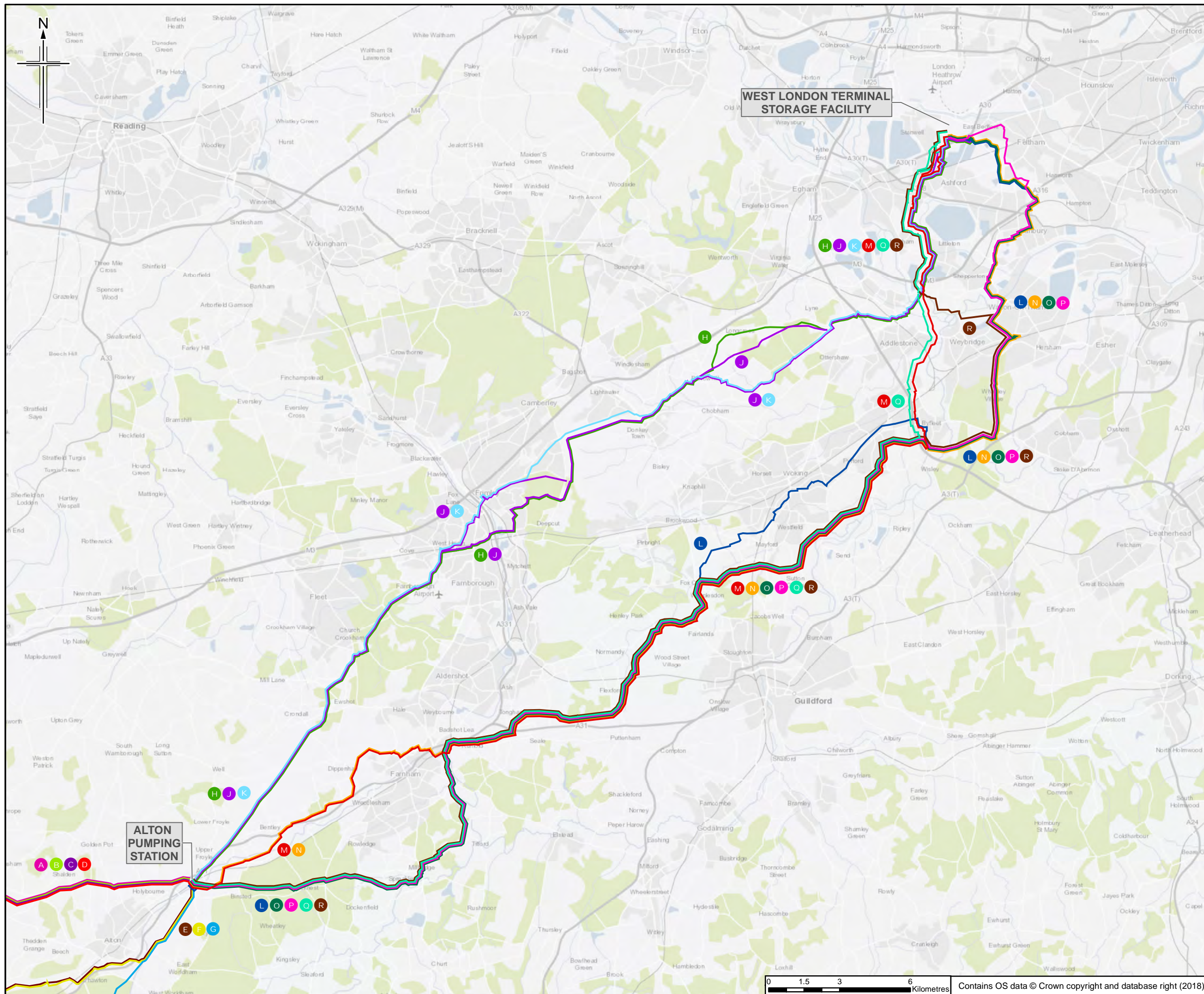
Drawing title
LONG LIST CORRIDOR OPTIONS (SOUTH)

Drawing Status	FOR ISSUE	
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Jacobs No.	B2325300	
BIM No.		
Drawing number	Figure 4.2 Sheet 1 of 1	Rev 0

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- Legend**
Long List Corridor Options, November 2017
- A
 - B
 - C
 - D
 - E
 - F
 - G (Favoured)
 - H
 - J (Favoured)
 - K
 - L
 - M
 - N
 - O
 - P
 - Q
 - R

Note: This figure shows the Long List of feasible pipeline corridor options in their form at the time of their original creation in November 2017. Colour coded centre lines have been used to illustrate each of the Long List pipeline corridor options, some of which are slightly offset to aid visualisation. Local widening of pipeline corridors and sub-options developed to allow routing flexibility due to potential constraints are not shown on the figure, however can be viewed in the brochure issued for the pipeline choices consultation (non-statutory) in April/May 2018.

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

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 Surrey,
 KT22 8UX

Project
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Drawing title
LONG LIST CORRIDOR OPTIONS (NORTH)

Drawing Status **FOR ISSUE**

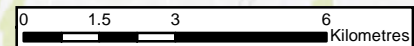
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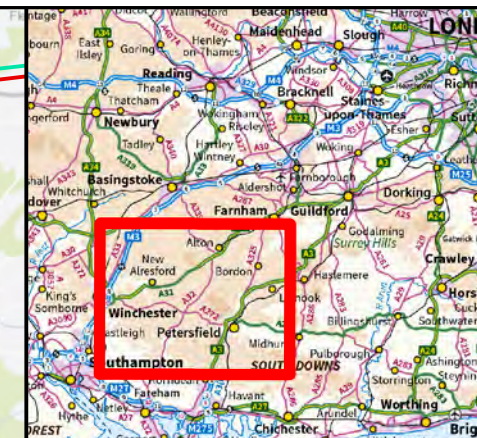
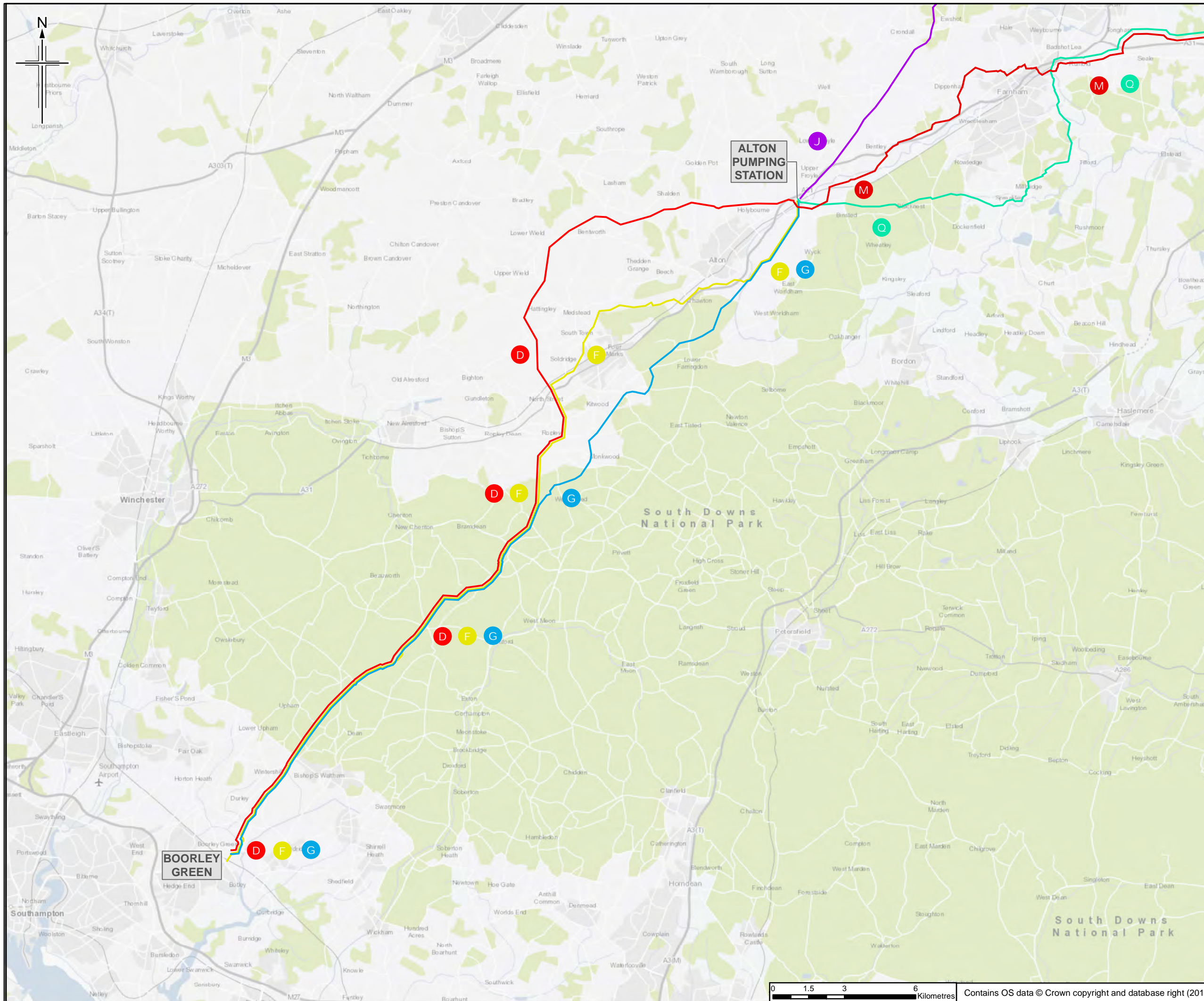
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Drawing number **Figure 4.3 Sheet 1 of 1** Rev **0**

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- Legend**
- Short List Corridor Options, (April / May 2018)**
- D
 - F
 - G (Favoured)
 - J (Favoured)
 - M
 - Q

Note: This figure shows the Short List of pipeline corridor options presented in the brochure issued for the pipeline choices consultation (non-statutory) in April/May 2018.

Colour coded centre lines have been used to illustrate each of the Short List pipeline corridor options, some of which are slightly offset to aid visualisation. Local widening of pipeline corridors and sub-options developed to allow routing flexibility due to potential constraints are not shown on the figure, however can be viewed in the brochure issued for the pipeline choices consultation (non-statutory) in April/May 2018.

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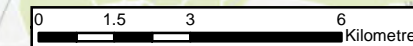
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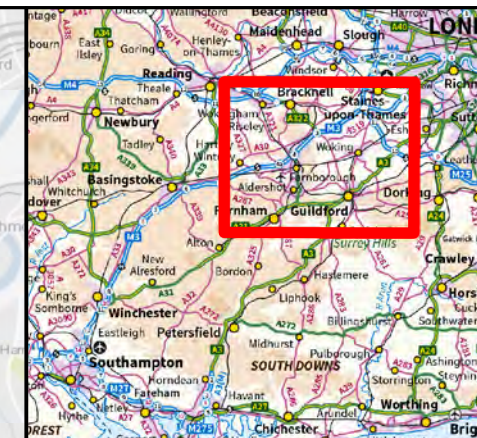
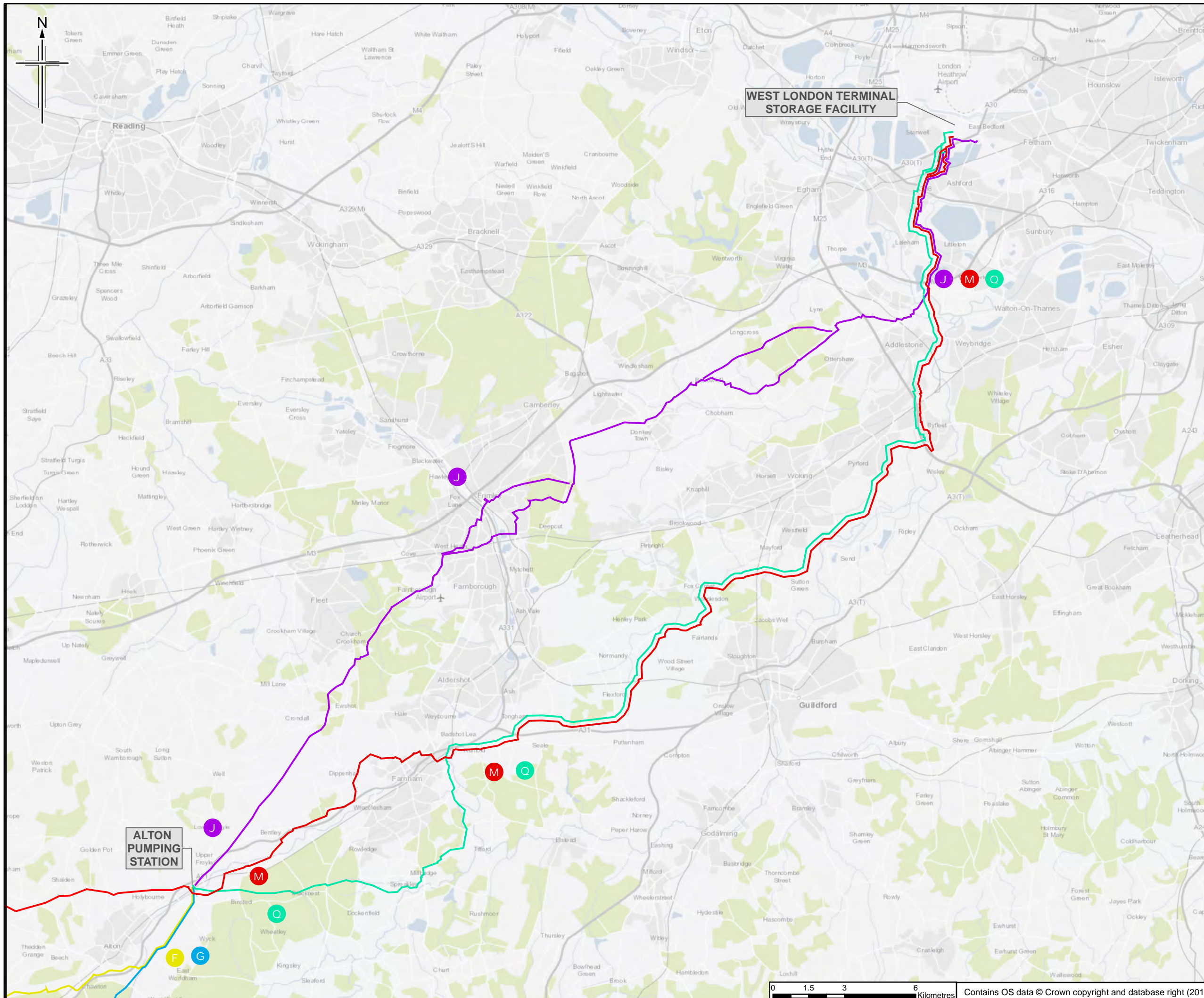
Drawing title
SHORT LIST CORRIDOR OPTIONS (SOUTH)

Drawing Status	FOR ISSUE	
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- Legend**
- Short List Corridor Options, (April/May 2018)**
- D
 - F
 - G (Favoured)
 - J (Favoured)
 - M
 - Q

Note: This figure shows the Short List of pipeline corridor options presented in the brochure issued for the pipeline choices consultation (non-statutory) in April/May 2018.

Colour coded centre lines have been used to illustrate each of the Short List pipeline corridor options, some of which are slightly offset to aid visualisation. Local widening of pipeline corridors and sub-options developed to allow routing flexibility due to potential constraints are not shown on the figure, however can be viewed in the brochure issued for the pipeline choices consultation (non-statutory) in April/May 2018.

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Drawing title
SHORT LIST CORRIDOR OPTIONS (NORTH)

Drawing Status **FOR ISSUE**

Scale **1:150,000 @ A3 DO NOT SCALE**

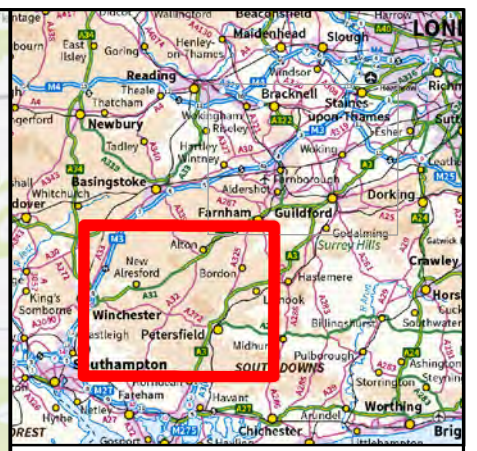
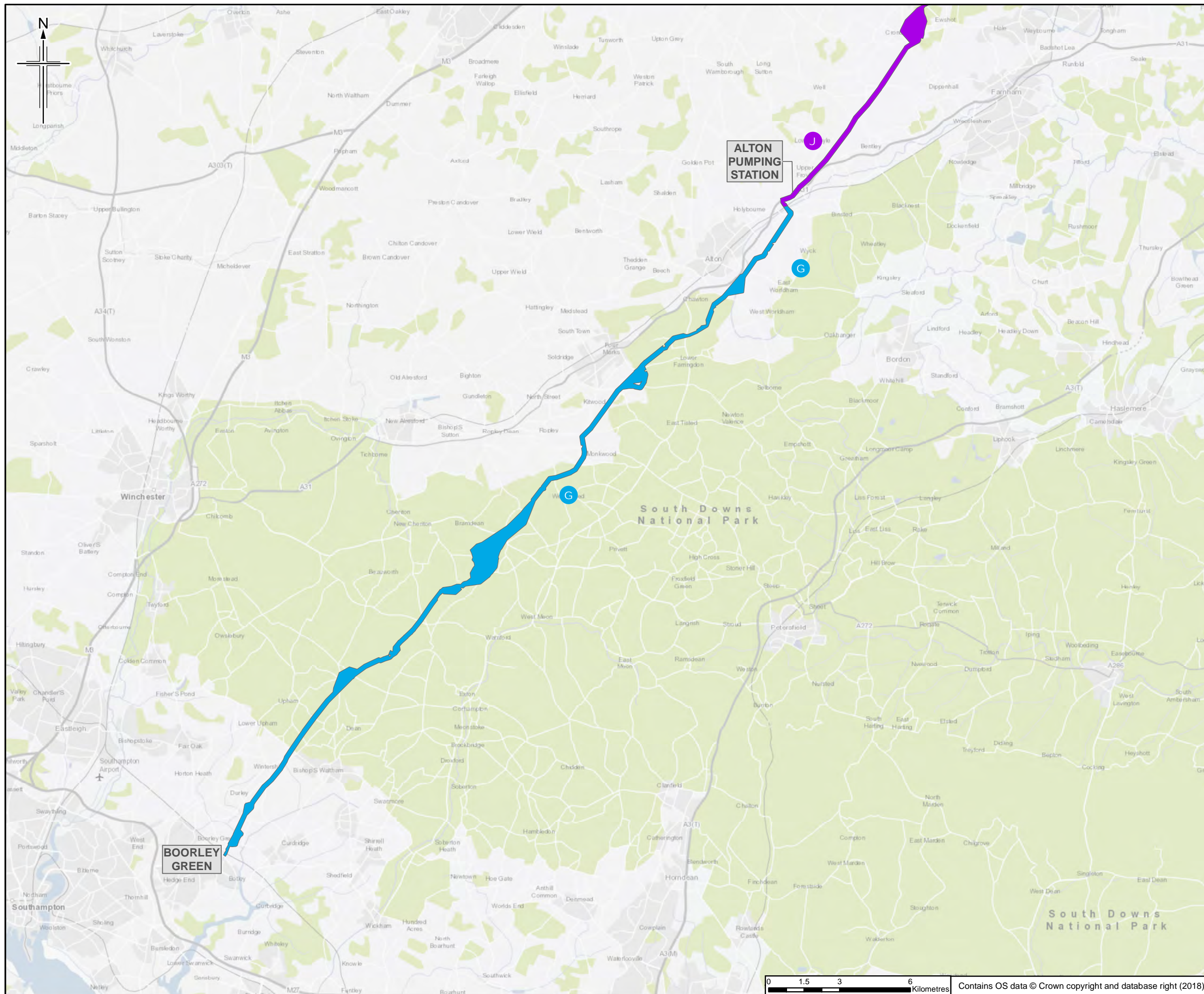
Jacobs No. **B2325300**

BIM No.

Drawing number **Figure 4.5 Sheet 1 of 1**

Rev **0**

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Legend
Favoured and Preferred Corridor Options

- █ G
- █ J

Note: This figure shows the Preferred Corridor options presented in the preferred corridor announcement issued on 30 May 2018.

Colour coded areas have been used to illustrate the two pipeline corridor options selected for the preferred corridor, namely Corridor Option G (South) and Corridor Option J (North). This figure also shows local widening of pipeline corridors and sub-options developed to allow routing flexibility due to potential constraints, as presented in the preferred corridor announcement issued on 30 May 2018.

Rev.	Rev. Date	Purpose of revision	OnG	Dwn	Chkd	Rev'd	Apprv'd
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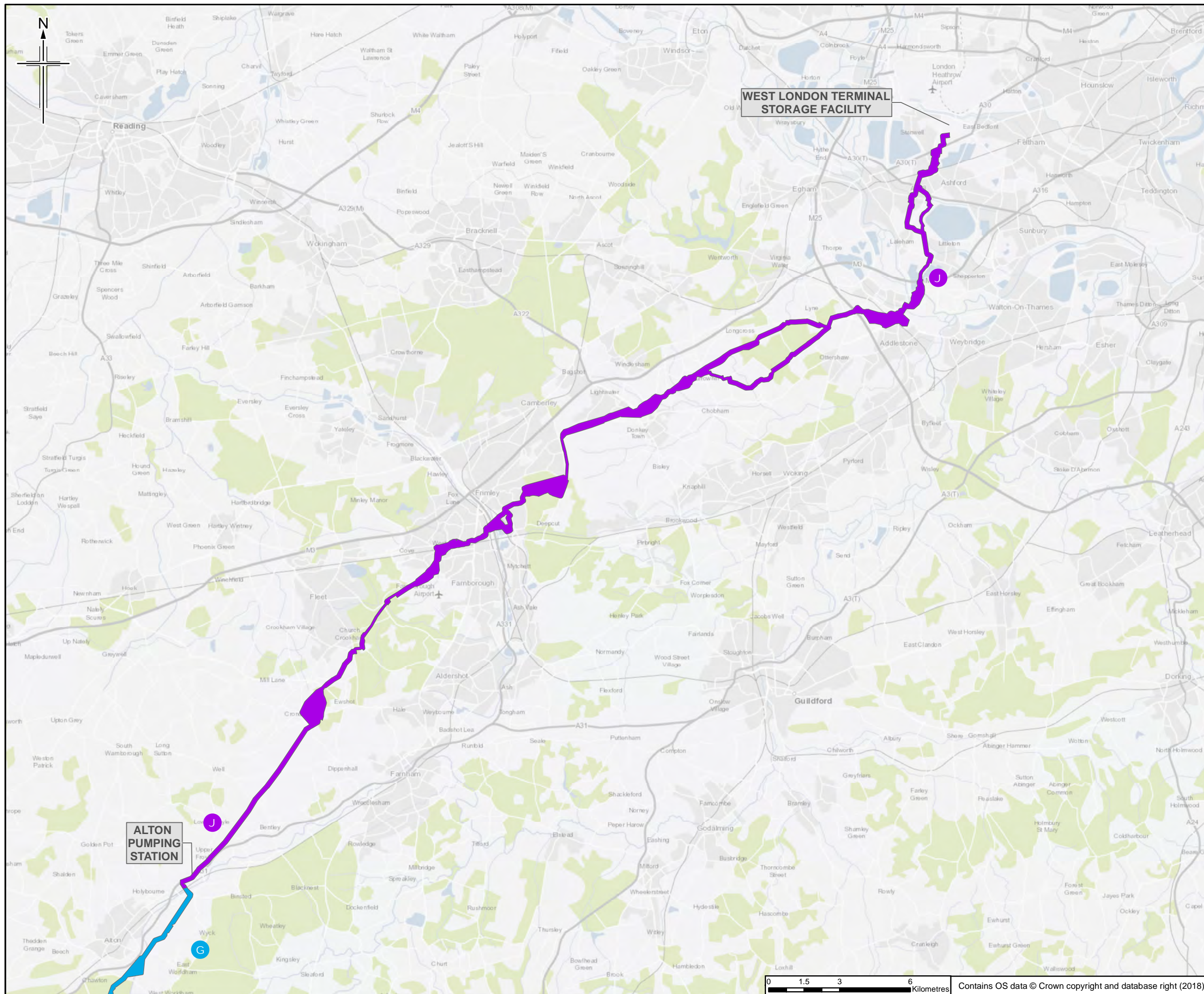
Drawing title
FAVOURED AND PREFERRED CORRIDOR - OPTION G (SOUTH)

Drawing Status	FOR ISSUE	
Scale	1:150,000 @ A3	DO NOT SCALE
Jacobs No.	B2325300	
BIM No.		
Drawing number	Figure 4.6 Sheet 1 of 1	Rev 0

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Legend
Favoured and Preferred Corridor Options

- G
- J

Note: This figure shows the Preferred Corridor options presented in the preferred corridor announcement issued on 30 May 2018.

Colour coded areas have been used to illustrate the two pipeline corridor options selected for the preferred corridor, namely Corridor Option G (South) and Corridor Option J (North). This figure also shows local widening of pipeline corridors and sub-options developed to allow routing flexibility due to potential constraints, as presented in the preferred corridor announcement issued on 30 May 2018.

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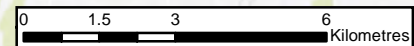
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 Surrey,
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Project
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Drawing title
FAVOURED AND PREFERRED CORRIDOR - OPTION J (NORTH)

Drawing Status	FOR ISSUE	
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BIM No.		
Drawing number	Figure 4.7 Sheet 1 of 1	Rev 0

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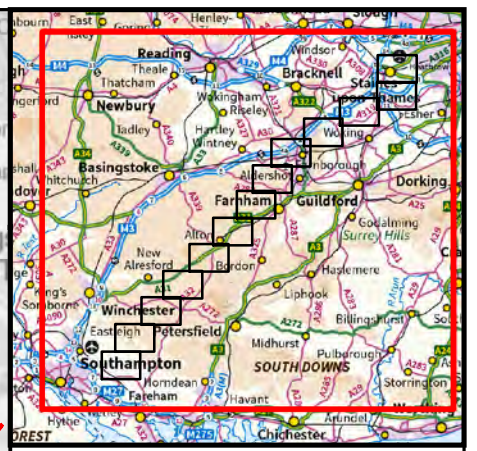
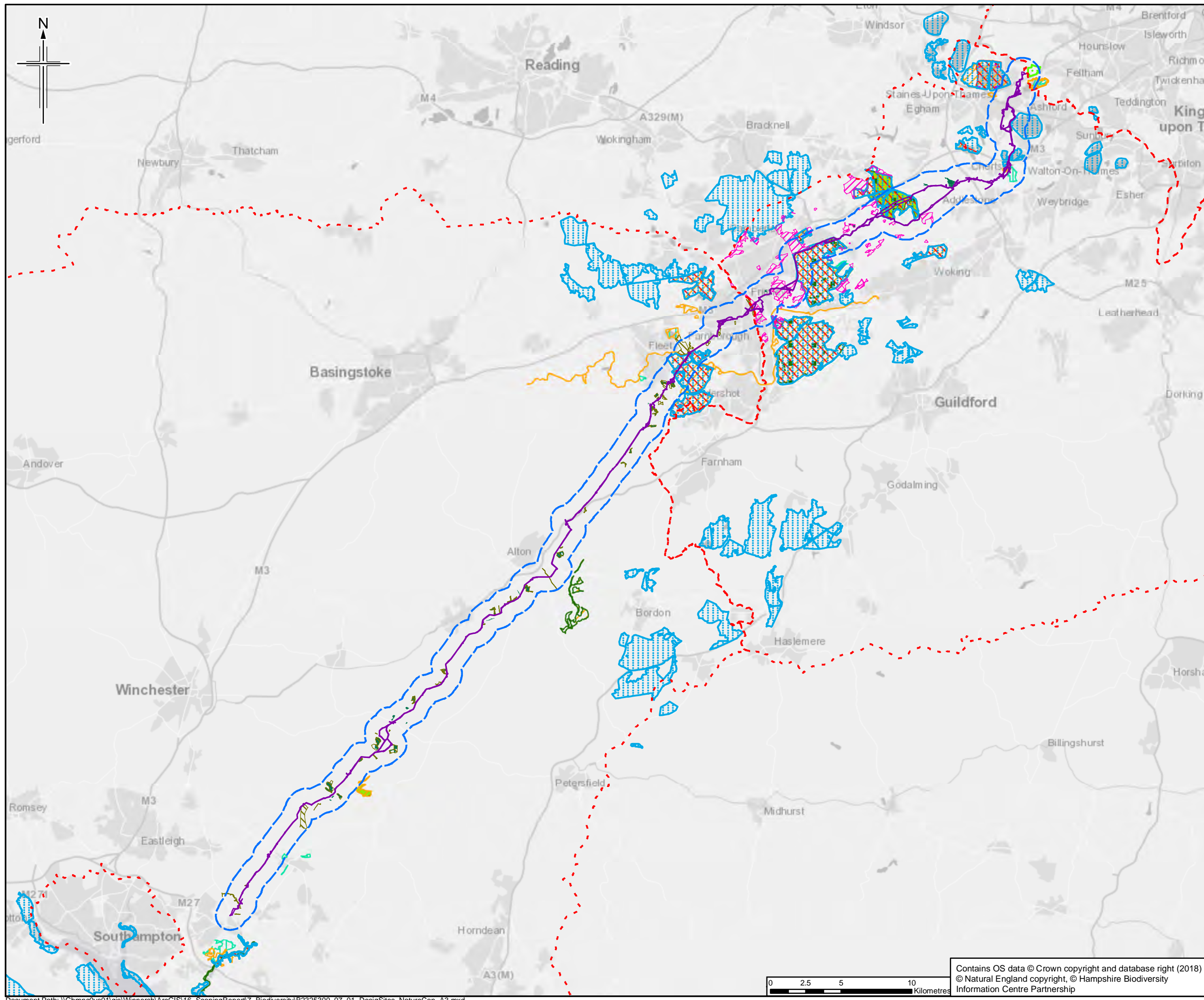


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Chapter 7
Figures

Scoping Report Volume 2





- Legend**
- Order Limits
 - Order Limits 1km Buffer
 - - - Hampshire/Surrey Boundary
 - Special Area of Conservation
 - Special Protection Area
 - RAMSAR
 - Site of Special Scientific Interest
 - National Nature Reserve
 - Local Nature Reserve
 - Site of Importance for Nature Conservation
 - Sites of Nature Conservation Importance
 - Road Verge of Ecological Importance
 - Ancient Woodland
 - Site of Borough Importance Grade I
 - Site of Metropolitan Importance and Candidate Locally Important Geological Site
 - Important Bird Area

Notes
 * Data relating to the location of non-statutory designated wildlife sites in Surrey has been requested from Surrey Biodiversity Information Centre, but has not yet been received.
 See Sheets 2 to 14 for details. The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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0	29/06/2018	For Issue	RH	NC	DJ	RS

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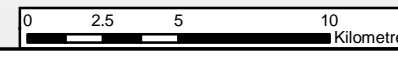
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 Ermyn Way,
 Leatherhead,
 Surrey,
 KT22 8UX

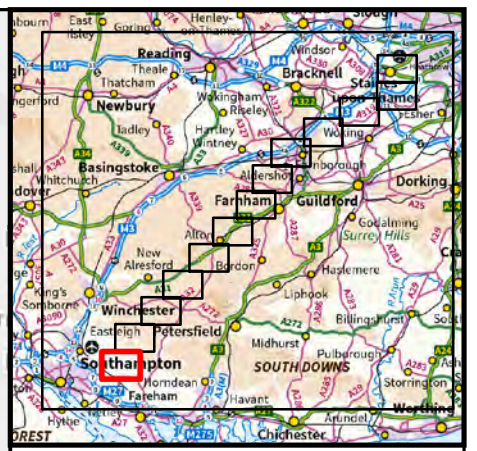
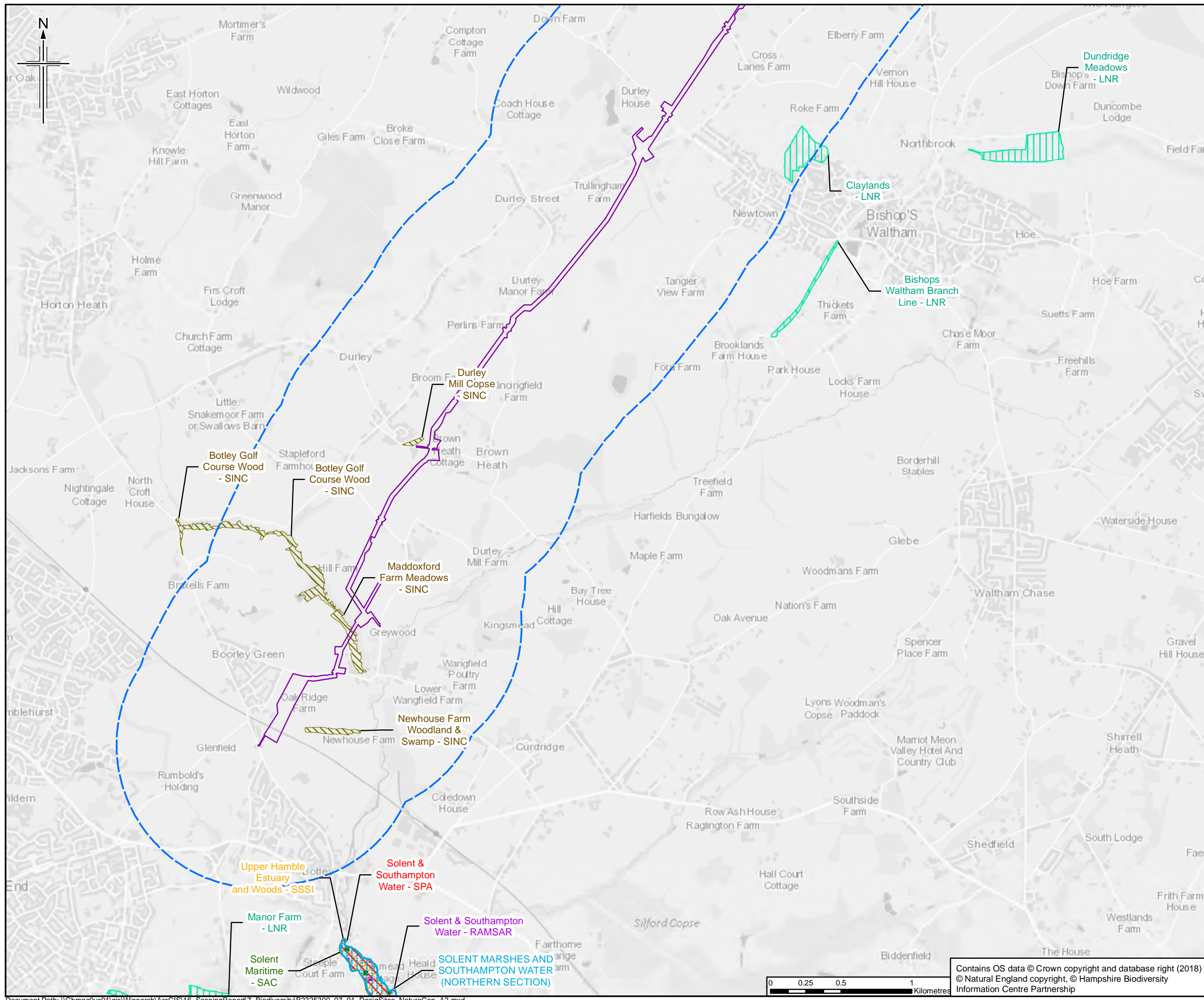
Project
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Drawing title
DESIGNATED SITES & ANCIENT WOODLAND

Drawing Status	For Issue	
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Jacobs No.	B2325300	
BIM No.		
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- Legend**
- Order Limits
 - Order Limits 1km Buffer
 - Special Area of Conservation
 - Special Protection Area
 - RAMSAR
 - Site of Special Scientific Interest
 - Local Nature Reserve
 - Site of Importance for Nature Conservation
 - Important Bird Area

Notes
 Data relating to the location of non-statutory designated wildlife sites in Surrey has been requested from Surrey Biodiversity Information Centre, but has not yet been received.
 The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

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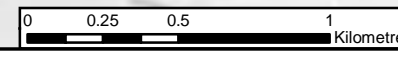
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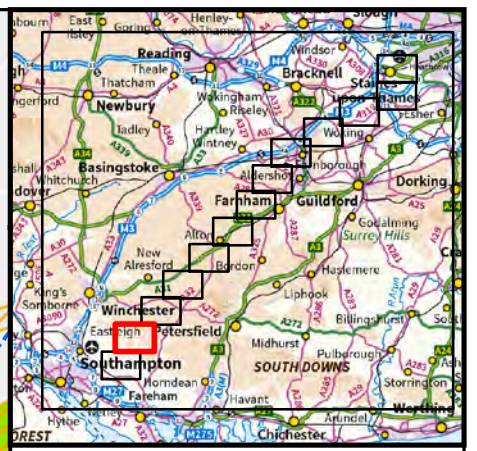
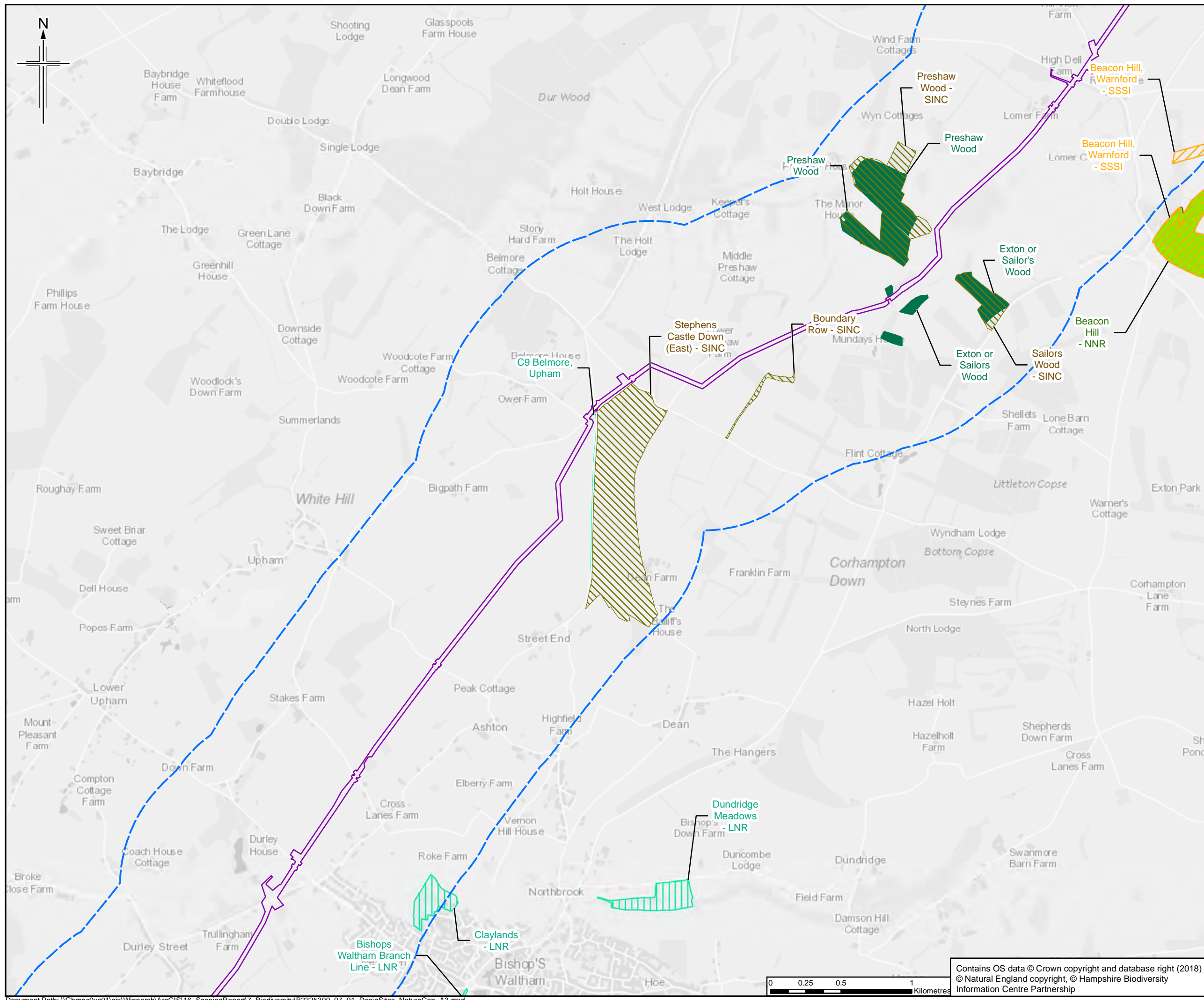
Project
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Drawing title
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- Legend**
- Order Limits
 - - - Order Limits 1km Buffer
 - Site of Special Scientific Interest
 - National Nature Reserve
 - Local Nature Reserve
 - Site of Importance for Nature Conservation
 - Road Verge of Ecological Importance
 - Ancient Woodland

Notes
 Data relating to the location of non-statutory designated wildlife sites in Surrey has been requested from Surrey Biodiversity Information Centre, but has not yet been received.
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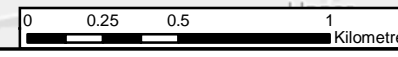
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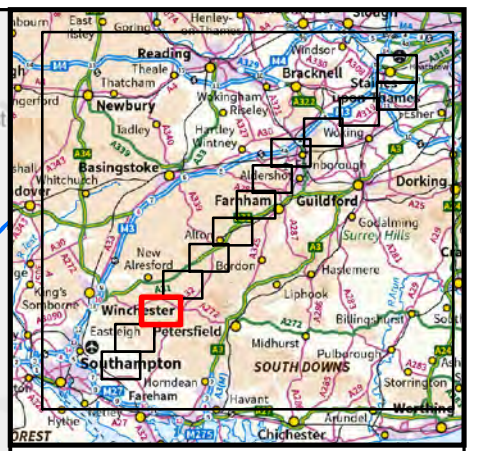
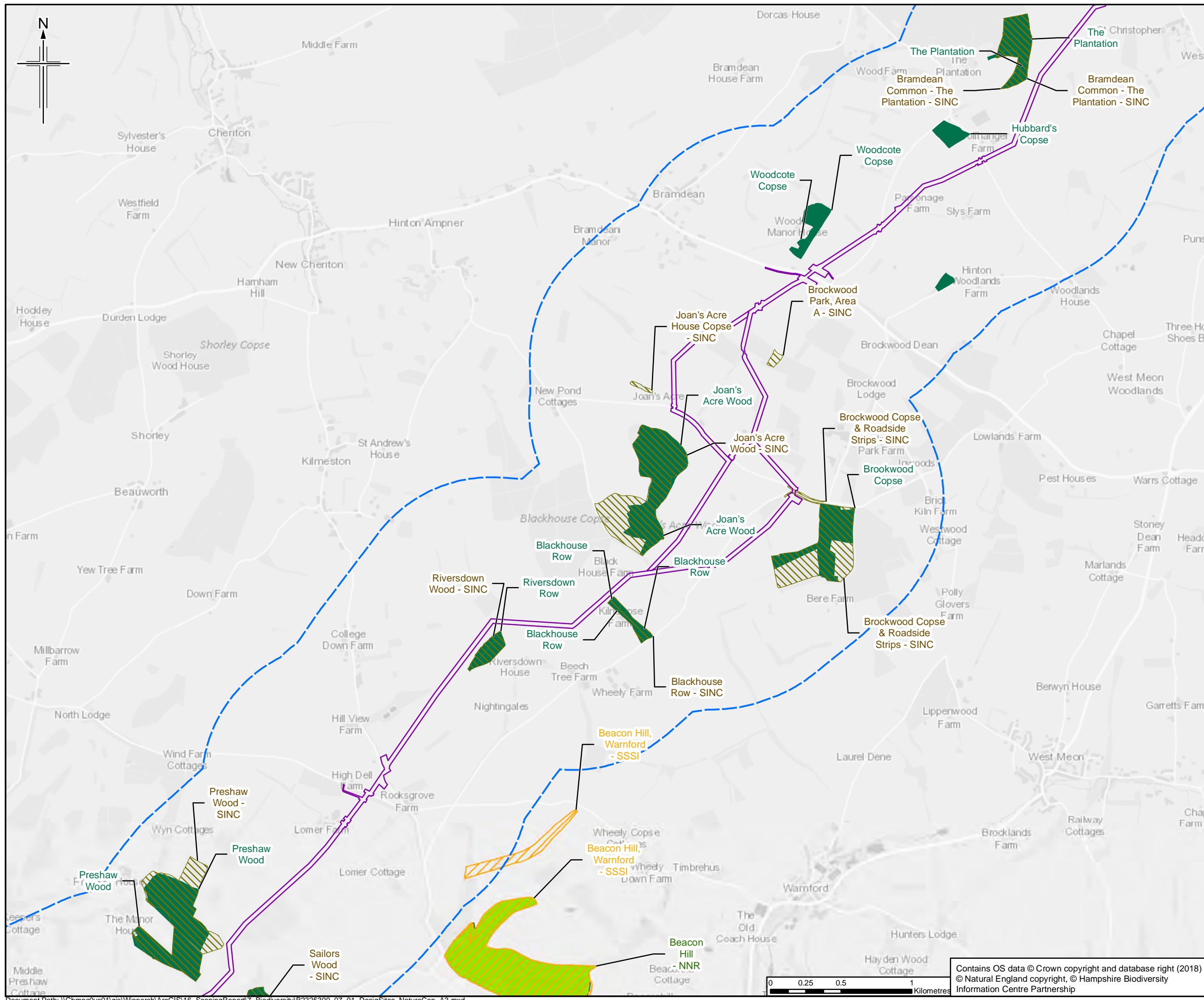


Drawing title
DESIGNATED SITES & ANCIENT WOODLAND

Drawing Status	For Issue	
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- Legend**
- Order Limits
 - Order Limits 1km Buffer
 - Site of Special Scientific Interest
 - National Nature Reserve
 - Site of Importance for Nature Conservation
 - Ancient Woodland

Notes
 Data relating to the location of non-statutory designated wildlife sites in Surrey has been requested from Surrey Biodiversity Information Centre, but has not yet been received.
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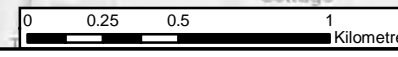
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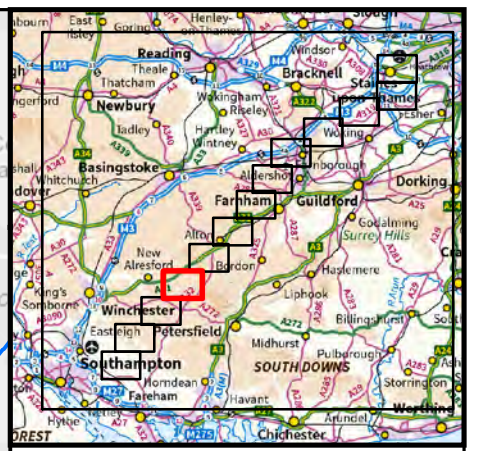
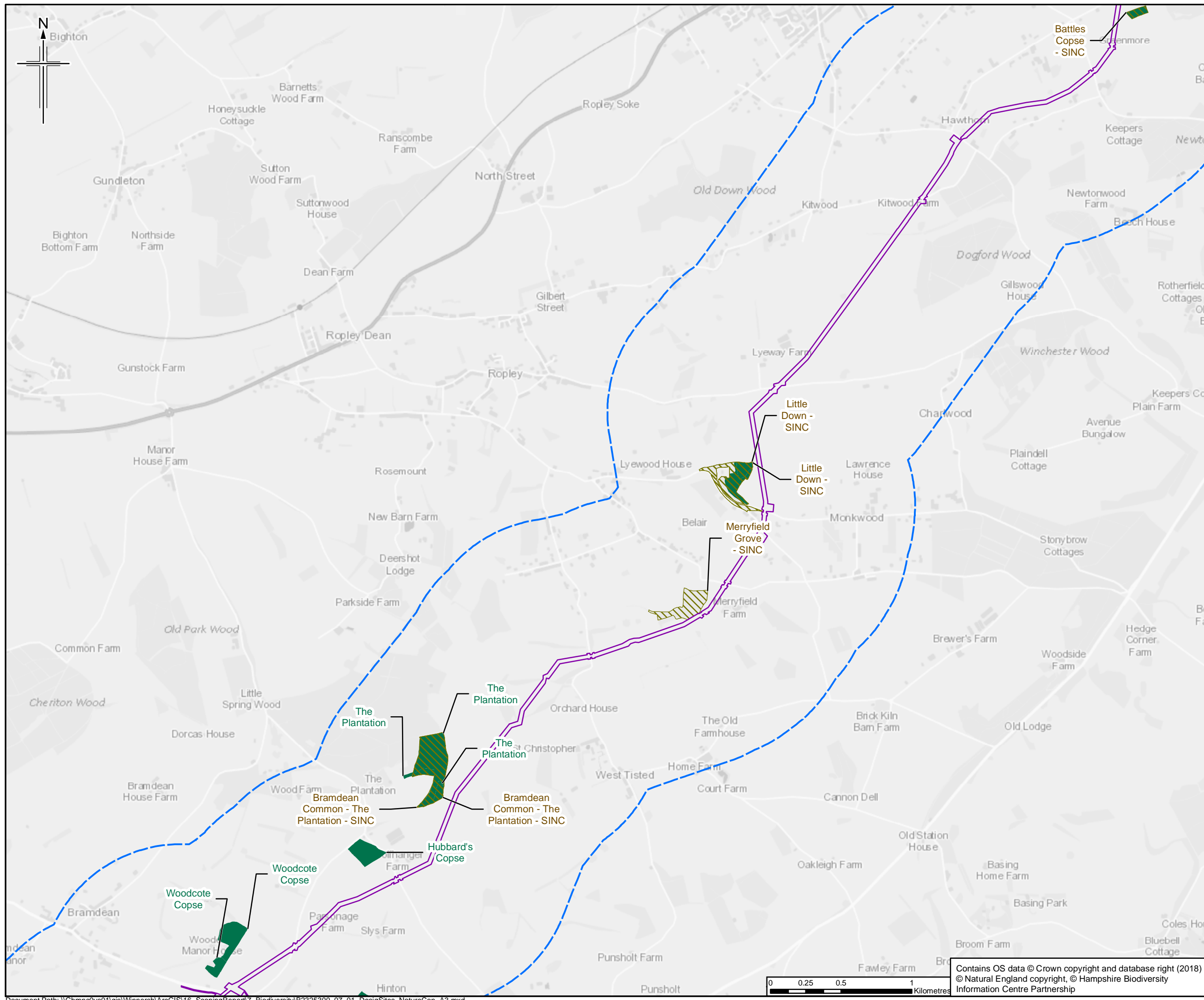
Project
 Southampton to London Pipeline Project

Drawing title
DESIGNATED SITES & ANCIENT WOODLAND

Drawing Status	For Issue	
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Jacobs No.	B2325300	
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- Legend**
- Order Limits
 - - - Order Limits 1km Buffer
 - Site of Importance for Nature Conservation
 - Ancient Woodland

Notes
 Data relating to the location of non-statutory designated wildlife sites in Surrey has been requested from Surrey Biodiversity Information Centre, but has not yet been received.
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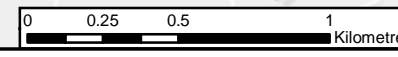
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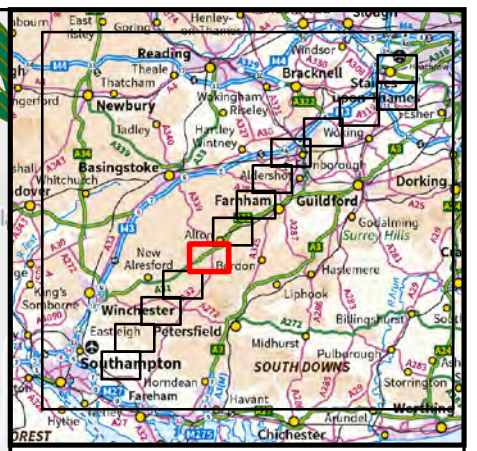
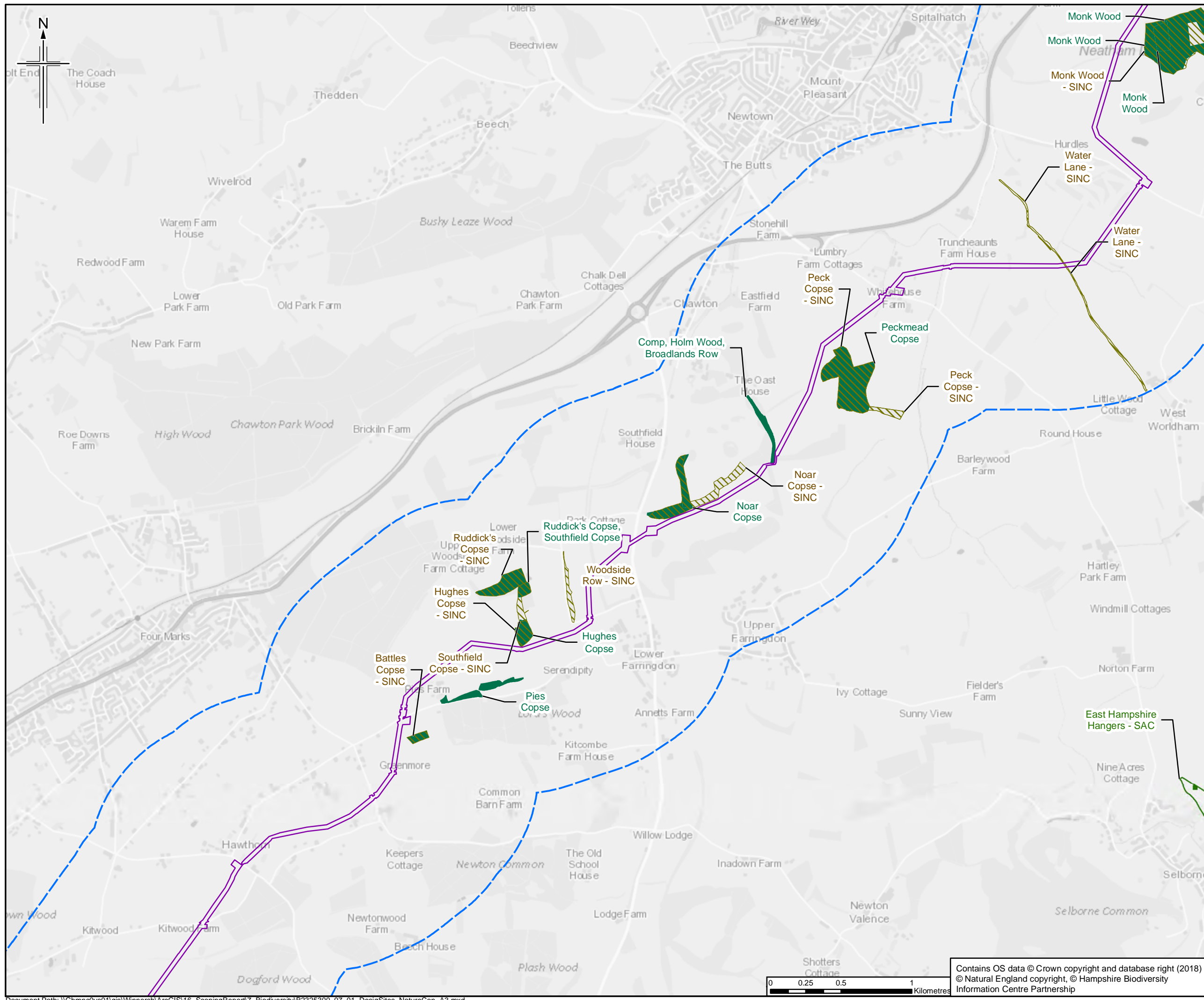
Project
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Drawing title
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Drawing Status	For Issue	
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- Legend**
- Order Limits
 - - - Order Limits 1km Buffer
 - Special Area of Conservation
 - Site of Importance for Nature Conservation
 - Ancient Woodland

Notes
 Data relating to the location of non-statutory designated wildlife sites in Surrey has been requested from Surrey Biodiversity Information Centre, but has not yet been received.
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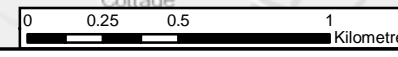
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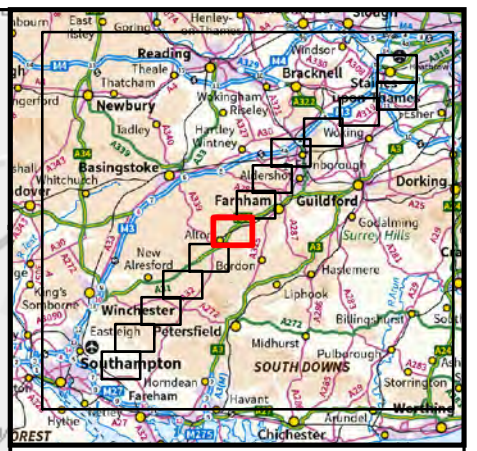
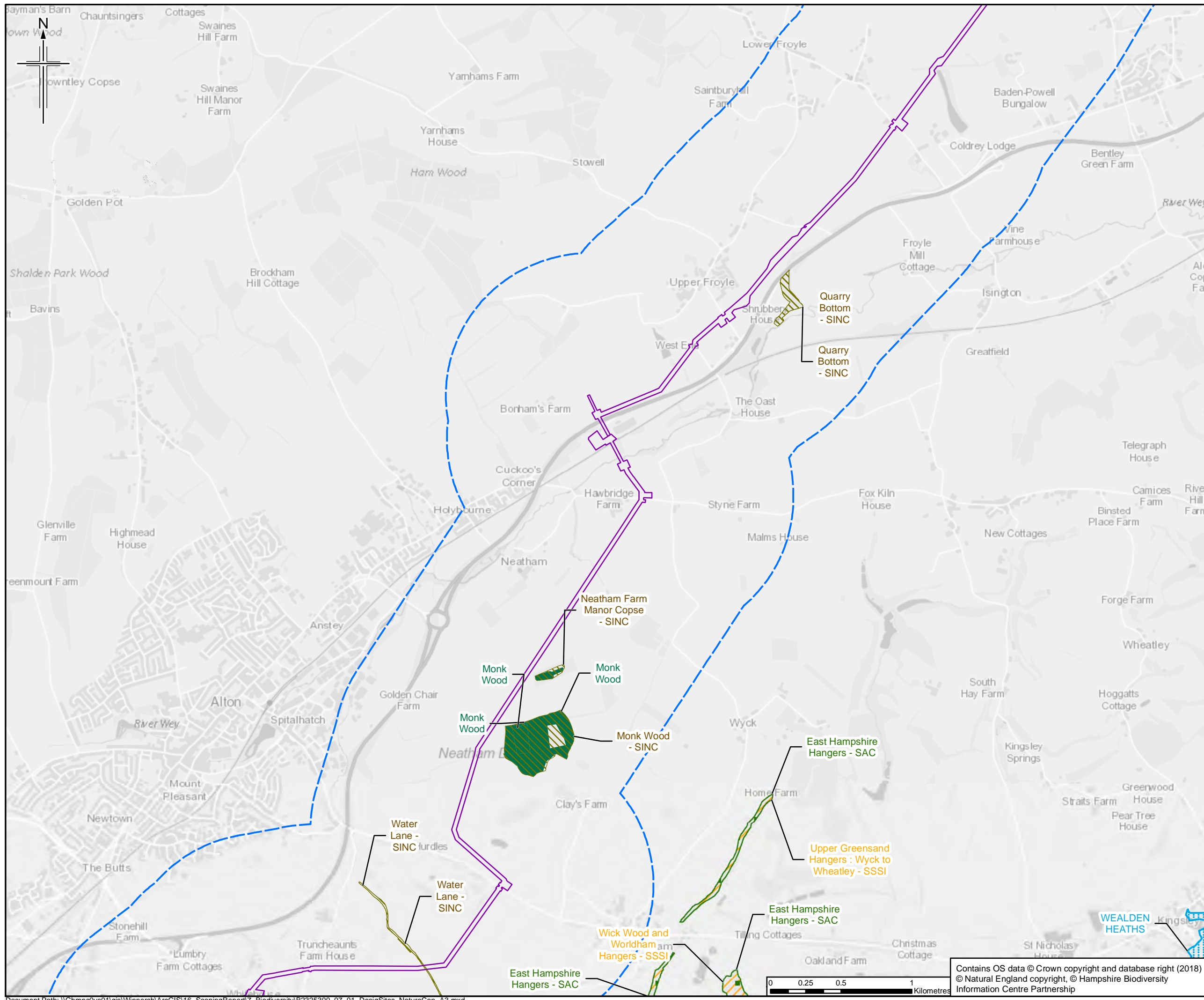


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- Legend**
- Order Limits
 - - - Order Limits 1km Buffer
 - Special Area of Conservation
 - Site of Special Scientific Interest
 - Site of Importance for Nature Conservation
 - Ancient Woodland
 - Important Bird Area

Notes
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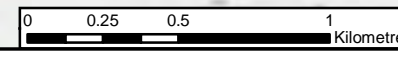
Project
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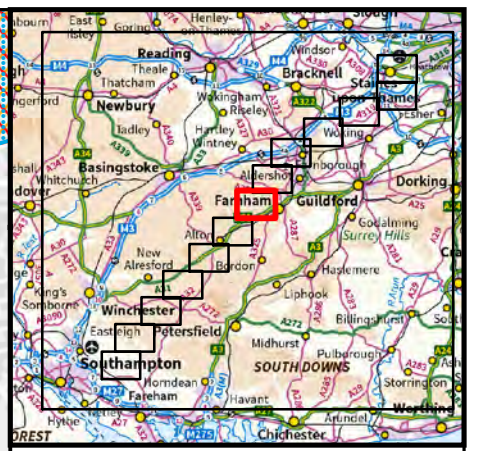
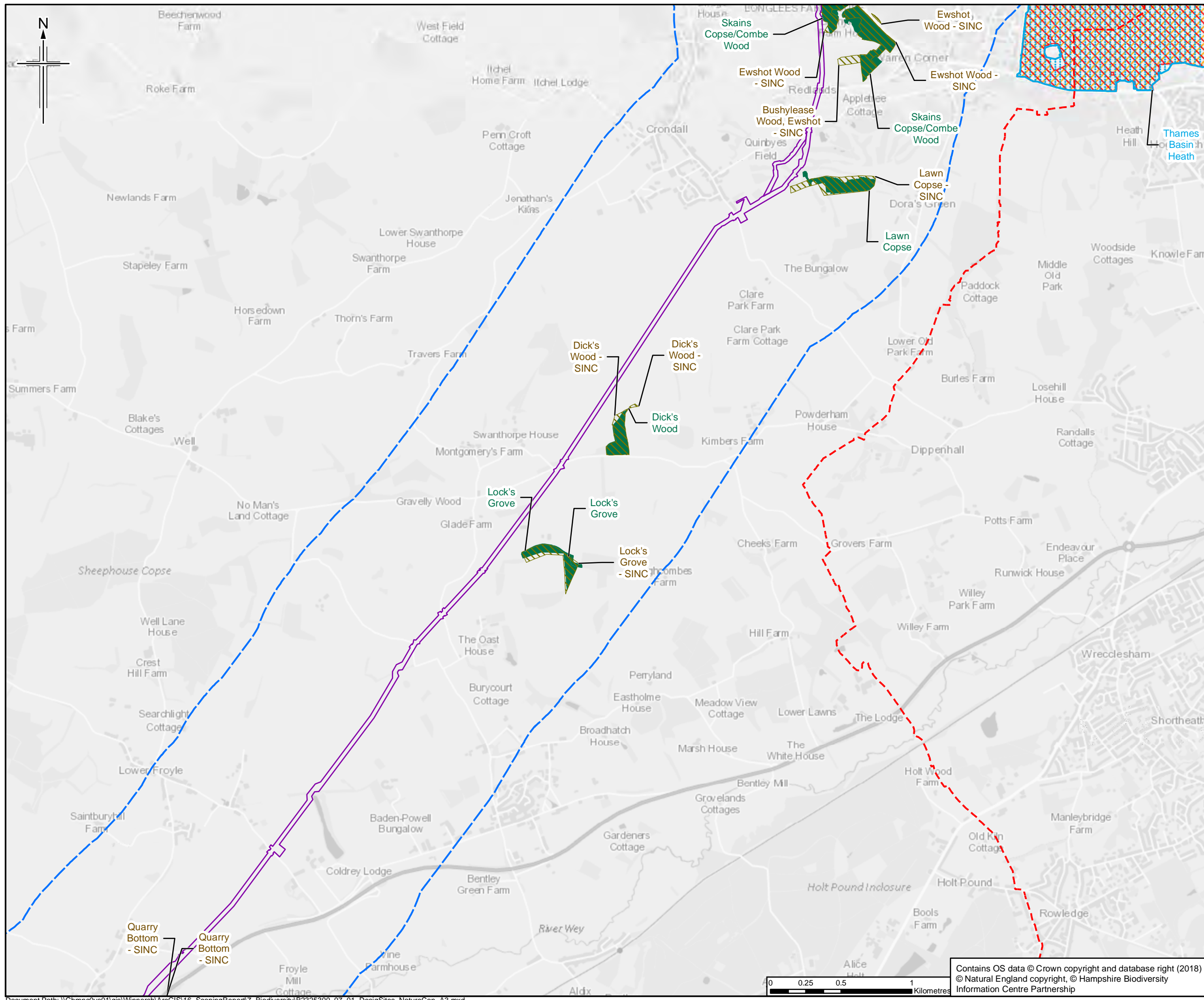
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- Legend**
- Order Limits
 - Order Limits 1km Buffer
 - Hampshire/Surrey Boundary
 - Special Protection Area
 - Site of Special Scientific Interest
 - Site of Importance for Nature Conservation
 - Ancient Woodland
 - Important Bird Area

Notes
 Data relating to the location of non-statutory designated wildlife sites in Surrey has been requested from Surrey Biodiversity Information Centre, but has not yet been received.
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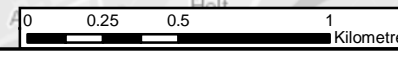
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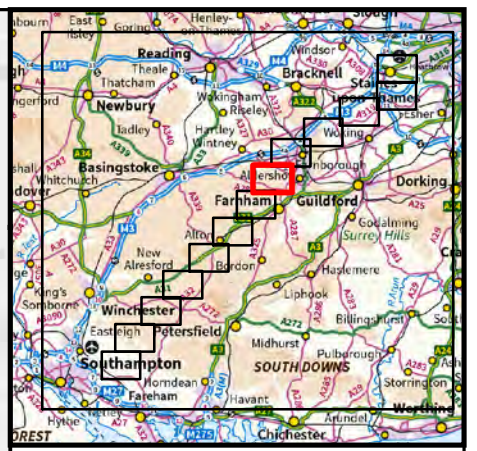
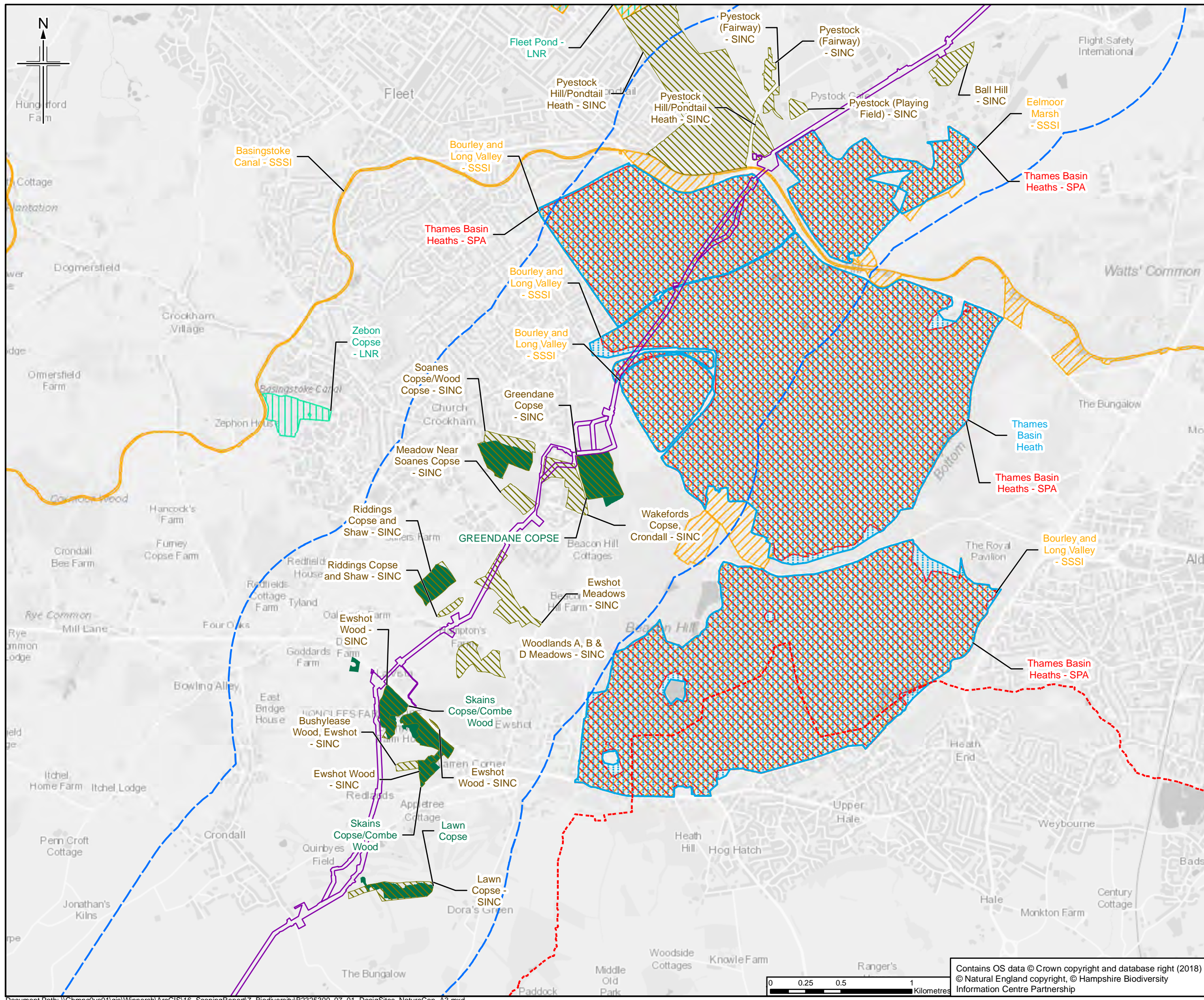
Project
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Drawing title
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- Legend**
- Order Limits
 - Order Limits 1km Buffer
 - Hampshire/Surrey Boundary
 - Special Protection Area
 - Site of Special Scientific Interest
 - Local Nature Reserve
 - Site of Importance for Nature Conservation
 - Ancient Woodland
 - Important Bird Area

Notes
 Data relating to the location of non-statutory designated wildlife sites in Surrey has been requested from Surrey Biodiversity Information Centre, but has not yet been received.

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Rev.	Rev. Date	Purpose of revision	Ong/Dwn	Checkd	Revd	Apprv'd

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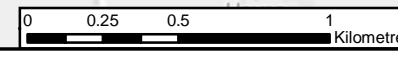
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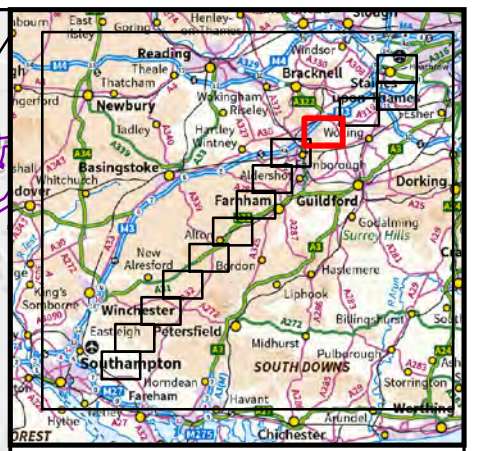
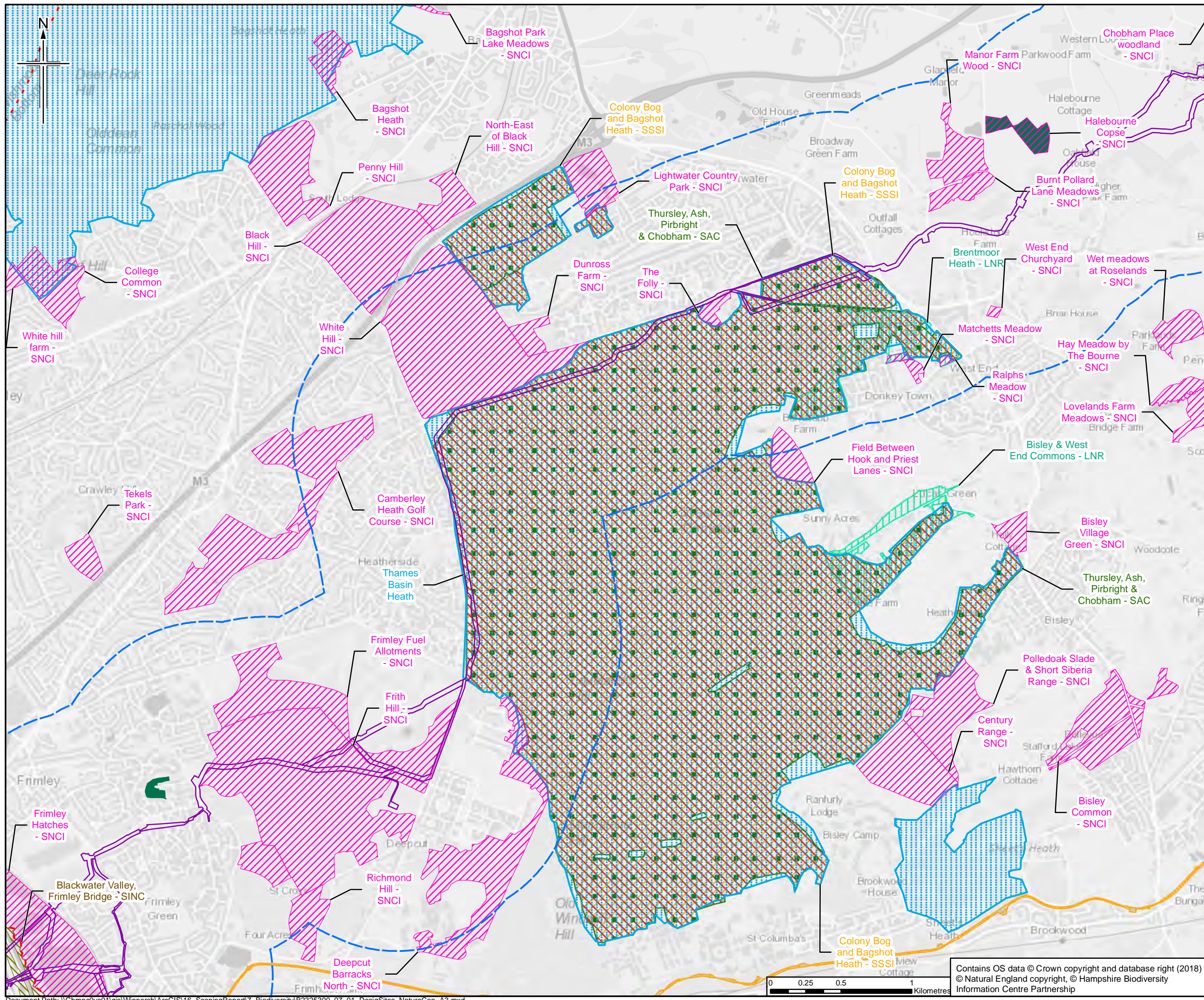
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Drawing title
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- Legend**
- Order Limits
 - Order Limits 1km Buffer
 - Hampshire/Surrey Boundary
 - Special Area of Conservation
 - Special Protection Area
 - Site of Special Scientific Interest
 - Local Nature Reserve
 - Site of Importance for Nature Conservation
 - Sites of Nature Conservation Importance
 - Ancient Woodland
 - Important Bird Area

Notes
 * Data relating to the location of non-statutory designated wildlife sites in Surrey has been requested from Surrey Biodiversity Information Centre, but has not yet been received.
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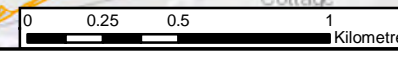
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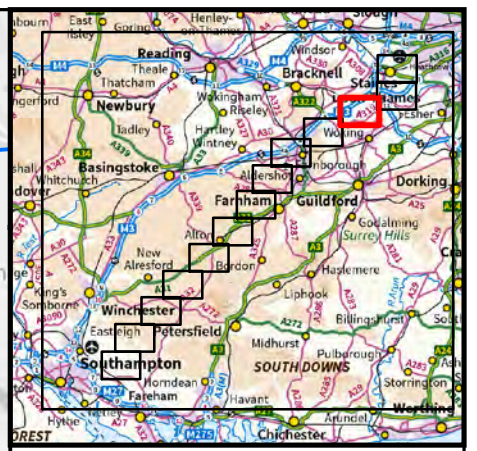
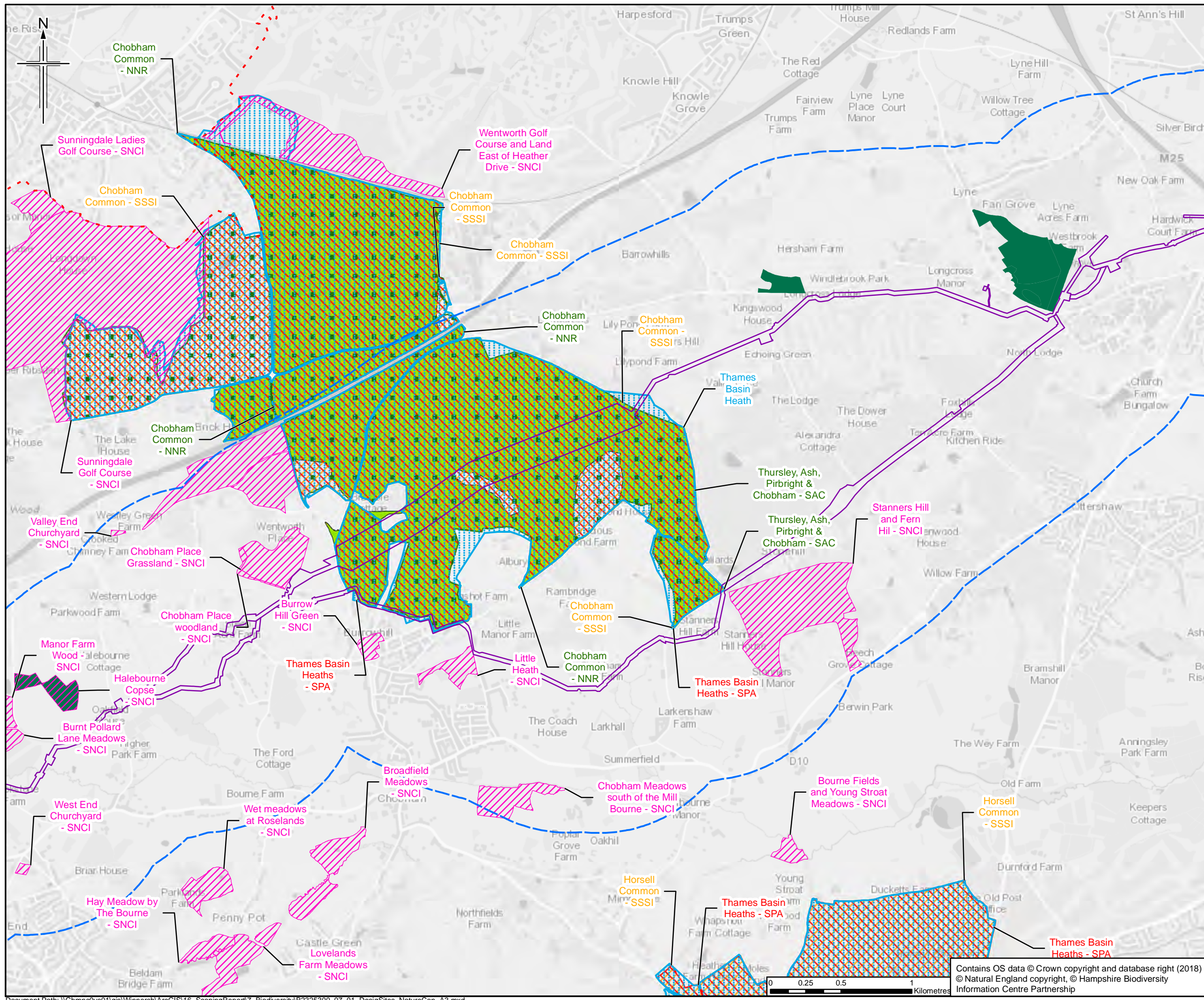
Project
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Drawing title
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Legend

- Order Limits
- Order Limits 1km Buffer
- Hampshire/Surrey Boundary
- Special Area of Conservation
- Special Protection Area
- Site of Special Scientific Interest
- National Nature Reserve
- Sites of Nature Conservation Importance
- Ancient Woodland
- Important Bird Area

Notes
 Data relating to the location of non-statutory designated wildlife sites in Surrey has been requested from Surrey Biodiversity Information Centre, but has not yet been received.
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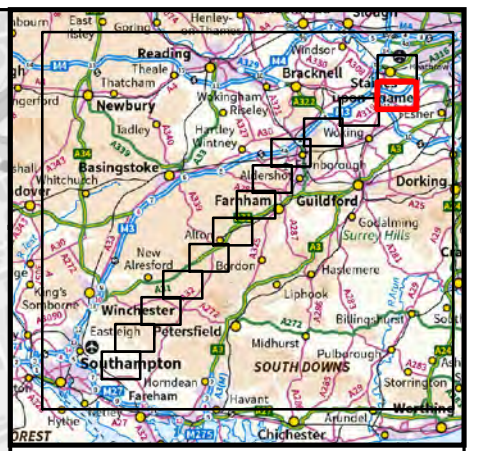
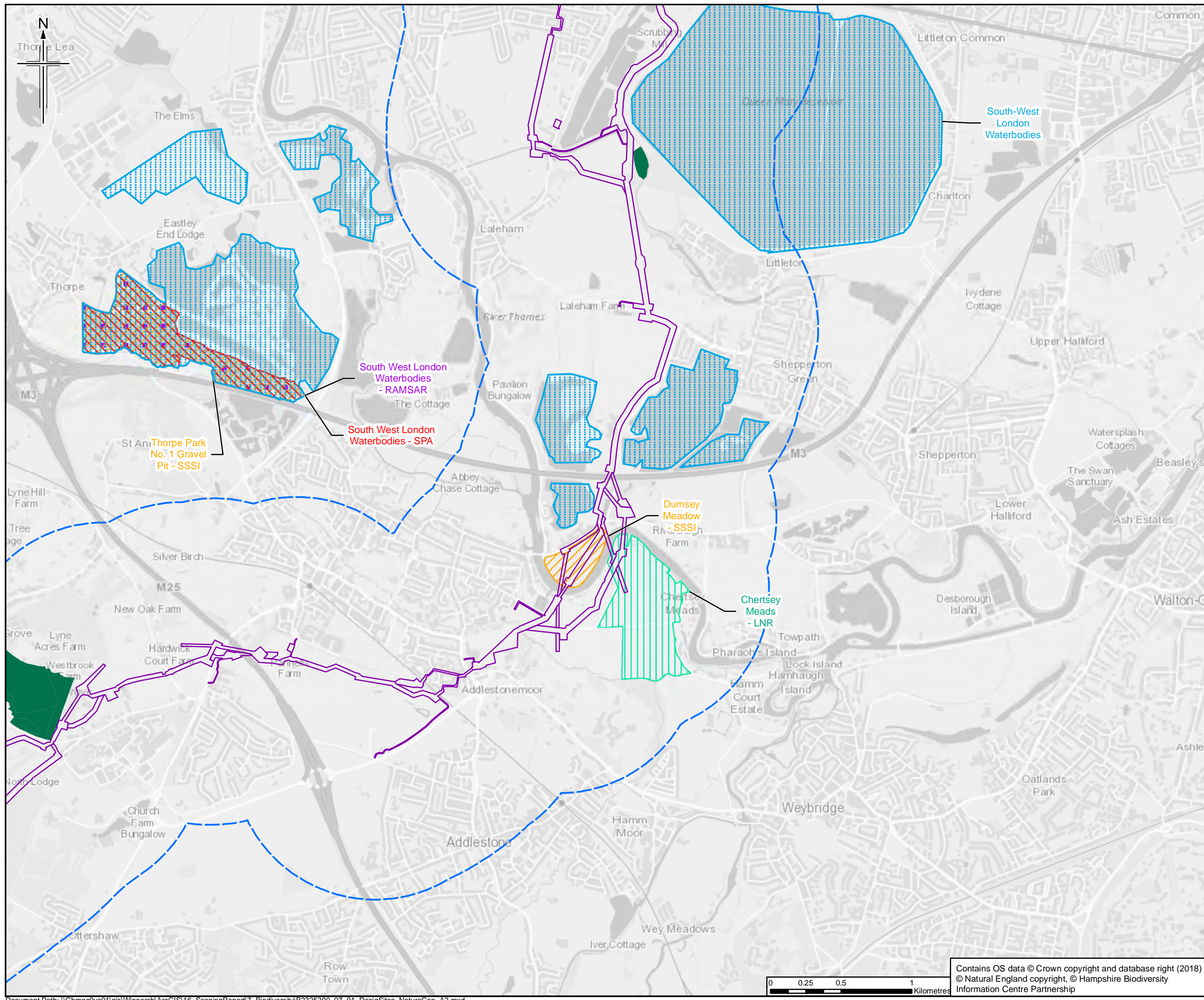
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Project
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Drawing title
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- Legend**
- Order Limits
 - Order Limits 1km Buffer
 - Special Protection Area
 - RAMSAR
 - Site of Special Scientific Interest
 - Local Nature Reserve
 - Ancient Woodland
 - Important Bird Area

Notes
 Data relating to the location of non-statutory designated wildlife sites in Surrey has been requested from Surrey Biodiversity Information Centre, but has not yet been received.

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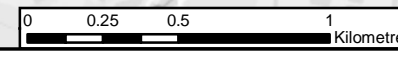


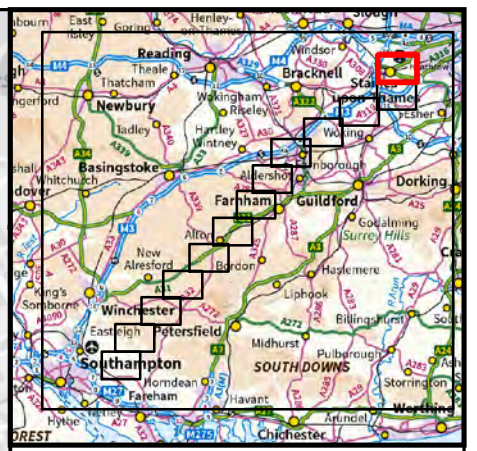
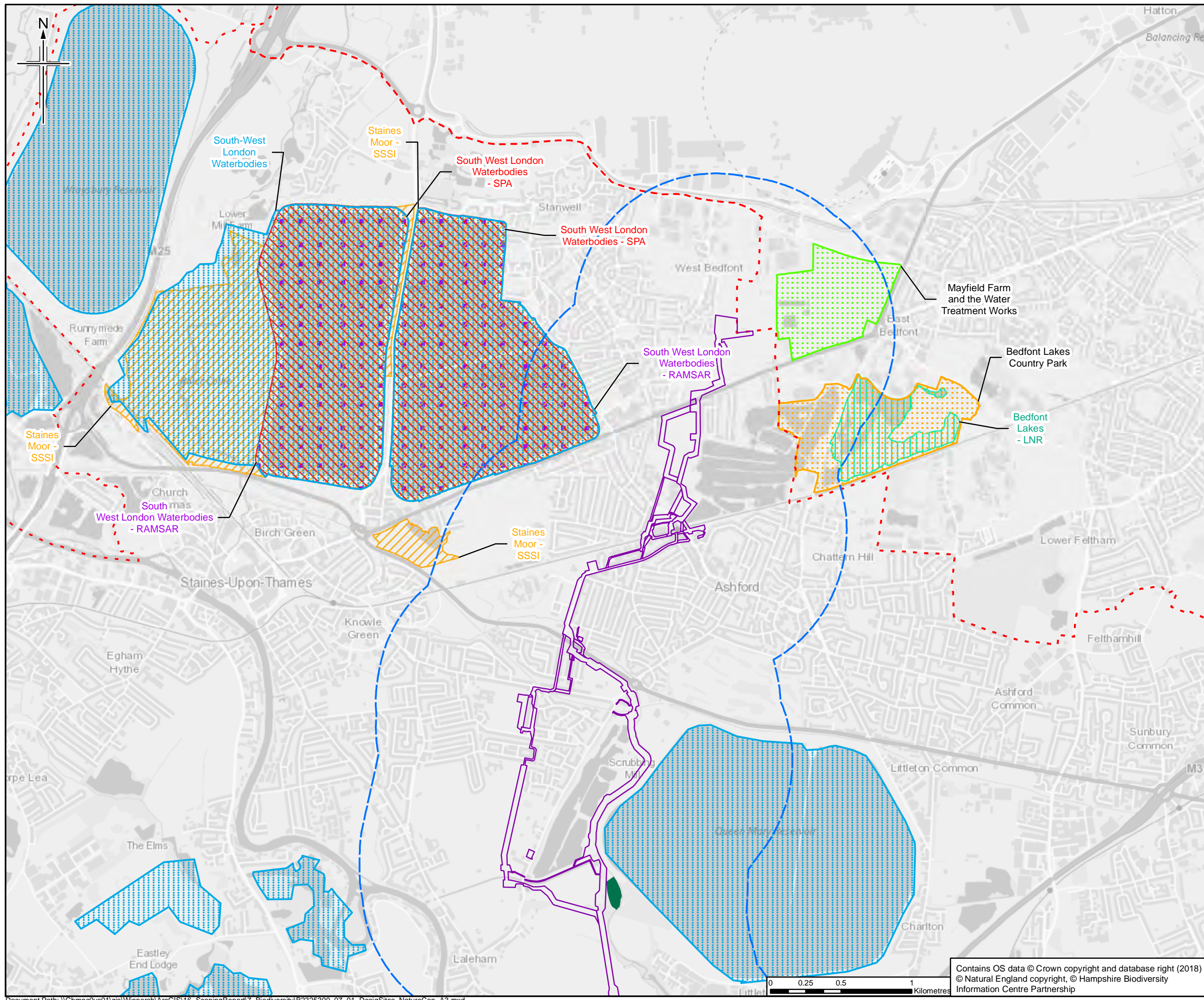
Drawing title
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Drawing Status	For Issue	
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- Legend**
- Order Limits
 - Order Limits 1km Buffer
 - Hampshire/Surrey Boundary
 - Special Protection Area
 - RAMSAR
 - Site of Special Scientific Interest
 - Local Nature Reserve
 - Ancient Woodland
 - Site of Borough Importance Grade I
 - Site of Metropolitan Importance and Candidate Locally Important Geological Site
 - Important Bird Area

Notes
 Data relating to the location of non-statutory designated wildlife sites in Surrey has been requested from Surrey Biodiversity Information Centre, but has not yet been received.
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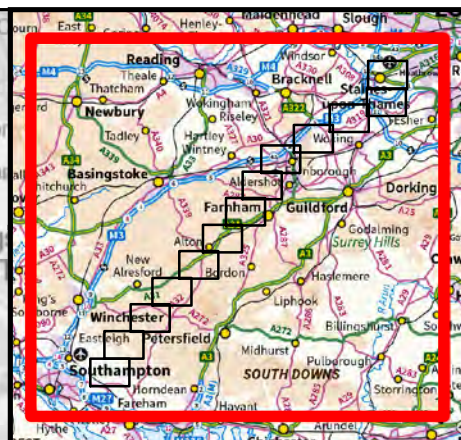
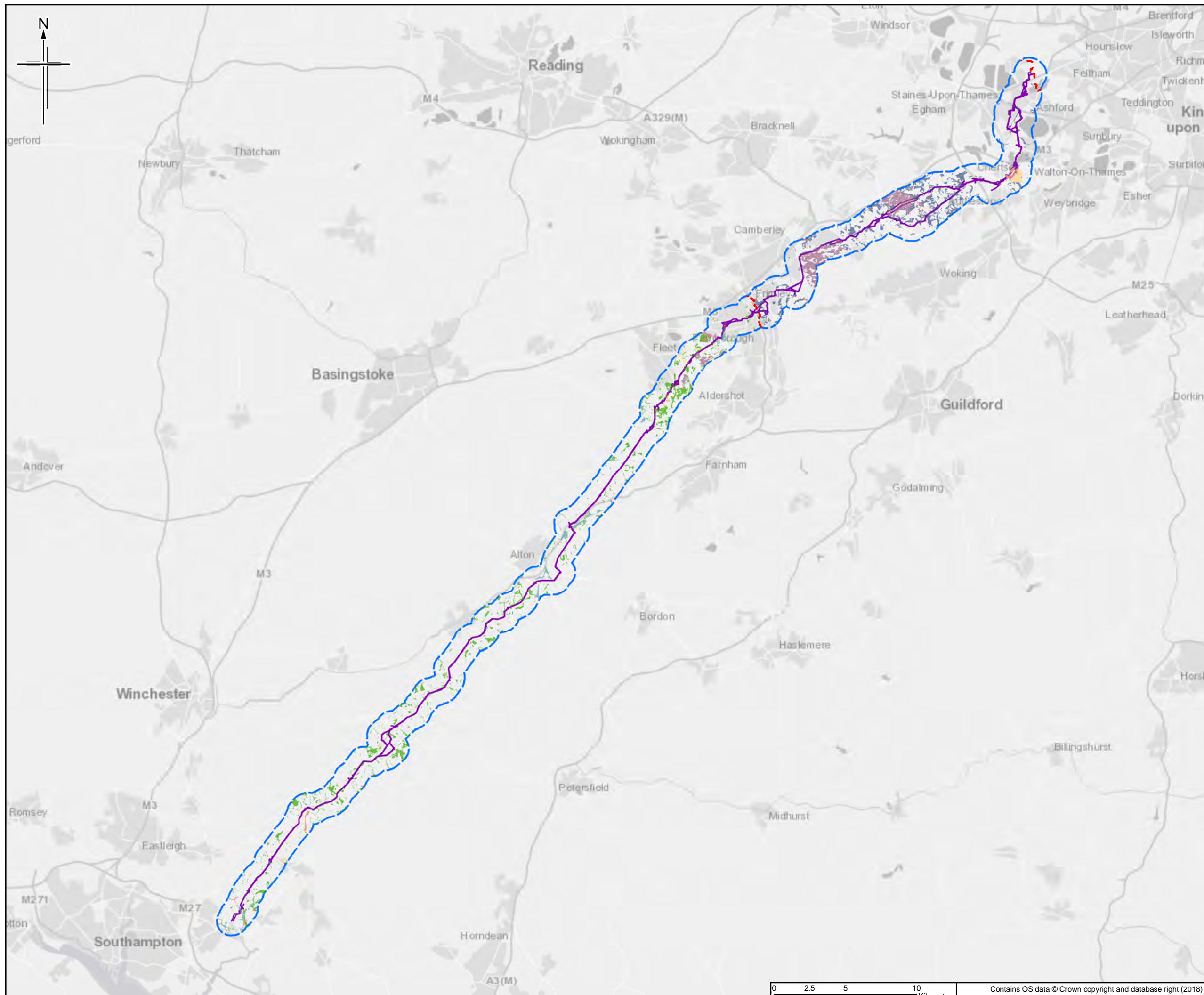
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Project
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Drawing title
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- Legend**
- Order Limits
 - Order Limits 1km Buffer
 - Hampshire/Surrey Boundary
 - Priority Habitat - Surrey County
 - Deciduous Woodland
 - Lowland Heathland
 - Lowland Meadows
 - Traditional Orchard
 - Priority Habitat - Hampshire County
 - Coastal and Floodplain Grazing Marsh
 - Hedgerows
 - Lowland Beech and Yew Woodland
 - Lowland Calcareous Grassland
 - Lowland Dry Acid Grassland
 - Lowland Fens
 - Lowland Heathland
 - Lowland Meadows
 - Lowland Mixed Deciduous Woodland
 - Purple Moor Grass and Rush Pastures
 - Reedbeds
 - Wet Woodland
 - Wood-Pasture and Parkland

Note: Hampshire County Priority Habitats supplied by HBIC and Surrey County sourced from the National Inventory (MAGIC). See sheets 2 to 14 for detail. See Sheets 2 to 14 for details. The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

0	19/06/2018	For Issue	RH	NC	DJ	RS
Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checked	Revised	Approved

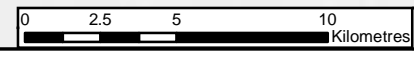
JACOBS
 1180 Estate Road, Wokingham, Wokingham, RG41 1TU, UK
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 www.jacobs.com

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

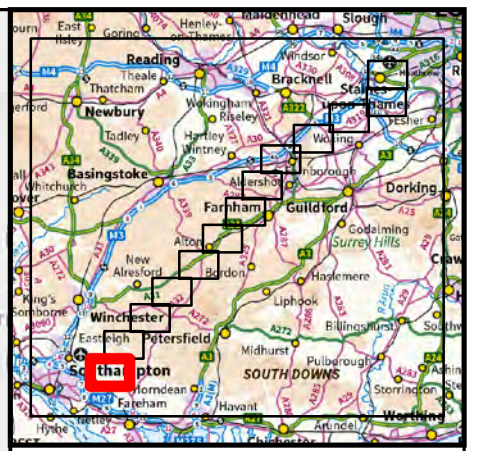
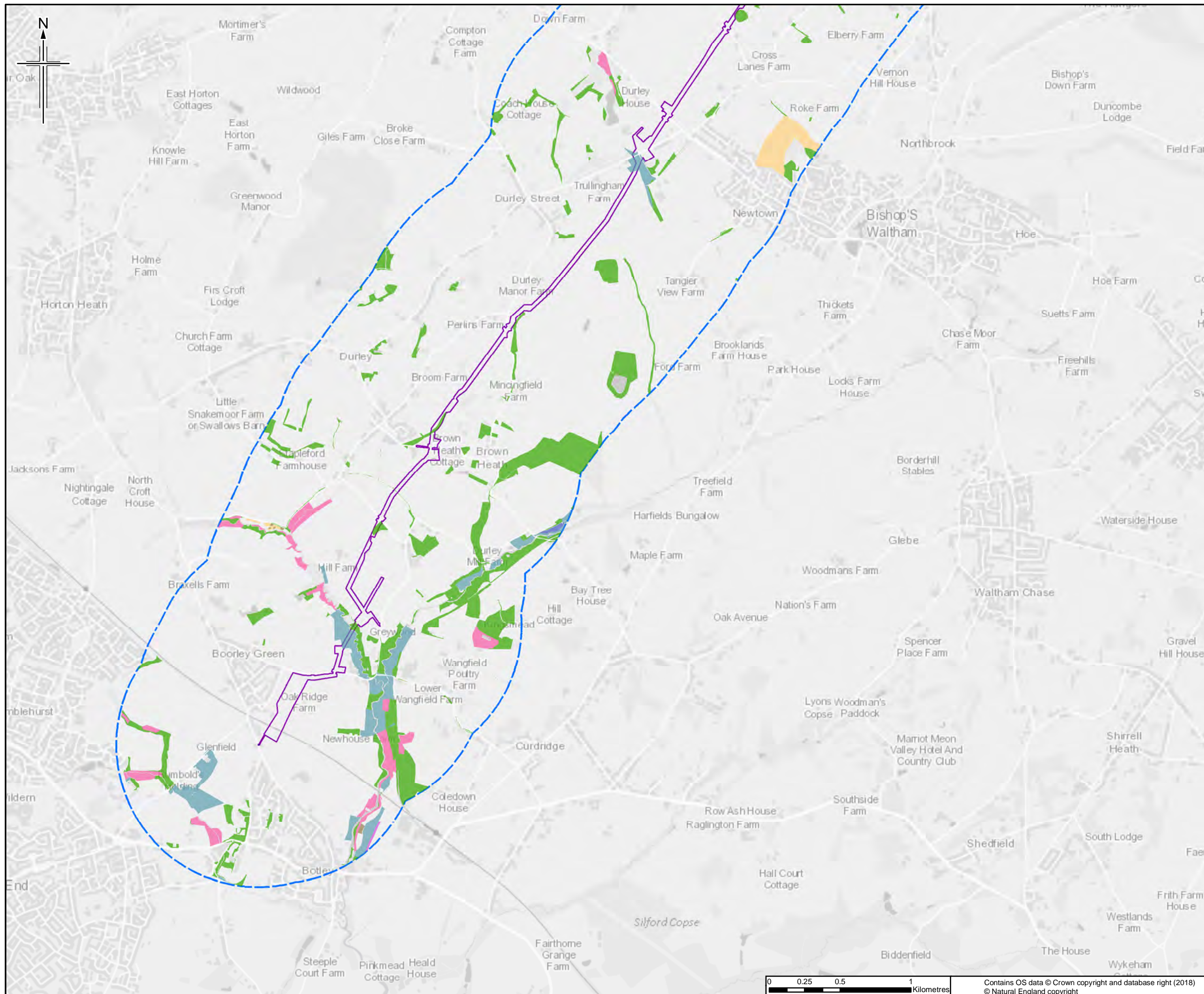
Project
 Southampton to London Pipeline Project

Drawing title
PRIORITY HABITAT LOCATION PLAN

Drawing Status	For Issue	
Scale	1:250,000 @ A3	DO NOT SCALE
Jacobs No.	B2325300	
BIM No.		
Drawing number	Figure 7.2 Sheet 1 of 14	Rev 0



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- Legend**
- Order Limits
 - Order Limits 1km Buffer
 - Priority Habitat - Hampshire County
 - Coastal and Floodplain Grazing Marsh
 - Hedgerows
 - Lowland Fens
 - Lowland Meadows
 - Lowland Mixed Deciduous Woodland
 - Purple Moor Grass and Rush Pastures
 - Wet Woodland

Note: Hampshire County Priority Habitats supplied by HBIC and Surrey County sourced from the National Inventory (MAGIC).
 The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

Rev.	Rev. Date	Purpose of revision	OnG	Dwn	Chkd	Rev'd	Apprv'd
0	19/06/2018	For Issue					



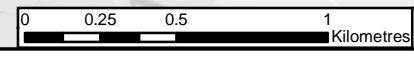
Client
 Esso Petroleum Company, Limited
 Ermyn House,
 Ermyn Way,
 Leatherhead,
 Surrey,
 KT22 8UX



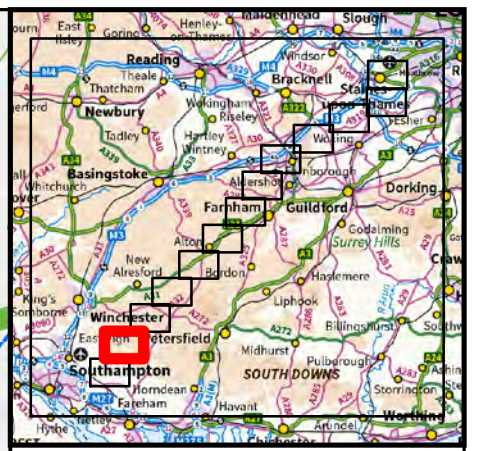
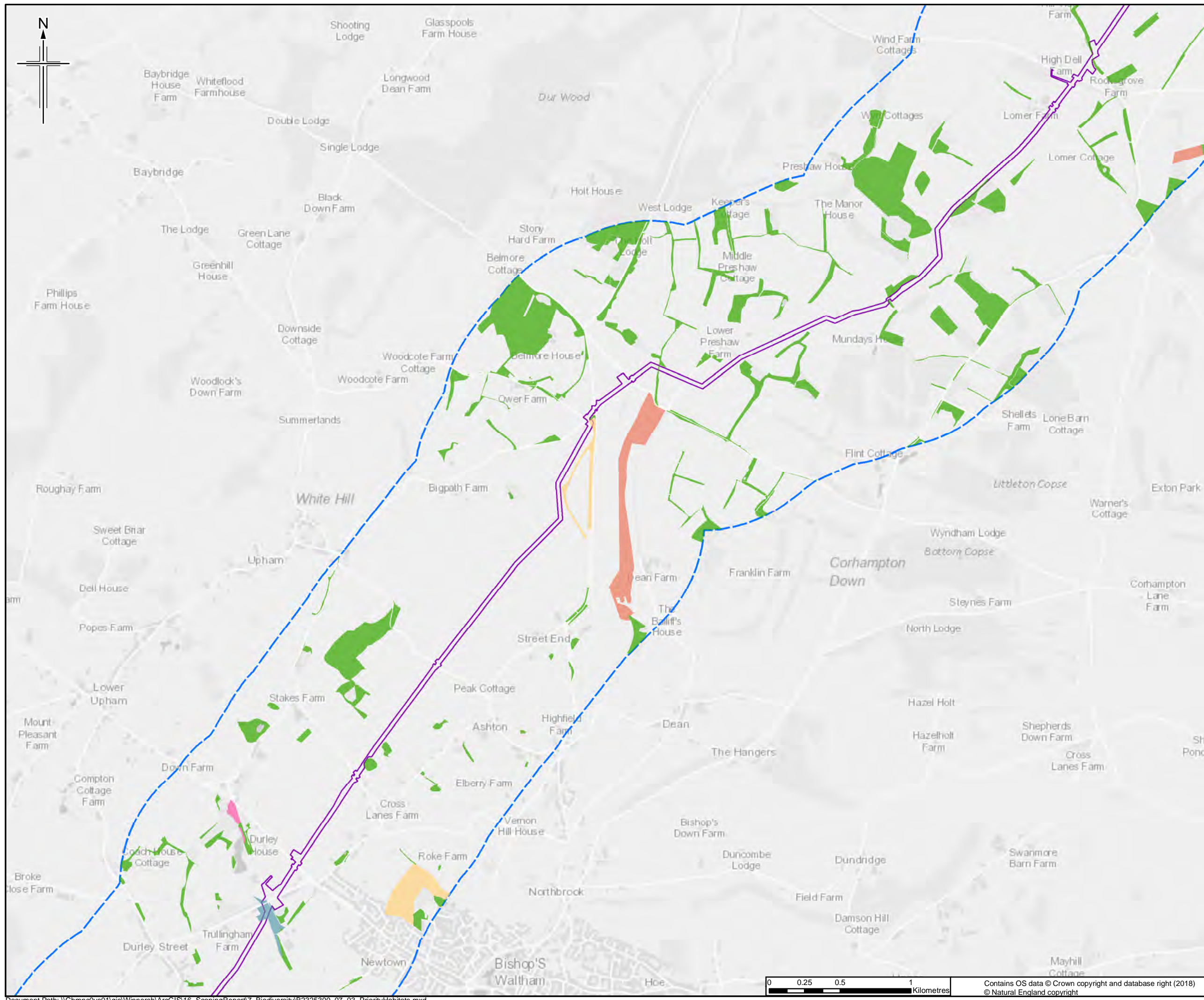
Drawing title
PRIORITY HABITAT LOCATION PLAN

Drawing Status	For Issue	
Scale	1:25,000 @ A3	DO NOT SCALE
Jacobs No.	B2325300	
BIM No.		
Drawing number	Figure 7.2 Sheet 2 of 14	Rev 0

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- Legend**
- Order Limits
 - - - Order Limits 1km Buffer
- Priority Habitat - Hampshire County
- Coastal and Floodplain Grazing Marsh
 - Lowland Calcareous Grassland
 - Lowland Meadows
 - Lowland Mixed Deciduous Woodland
 - Wet Woodland

Note: Hampshire County Priority Habitats supplied by HBIC and Surrey County sourced from the National Inventory (MAGIC).
 The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

Rev.	Rev. Date	For Issue	RH	NC	DJ	RS
0	19/06/2018	For Issue				

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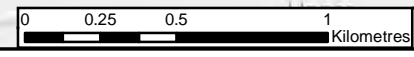
Client
 Esso Petroleum Company, Limited
 Ermyn House,
 Ermyn Way,
 Leatherhead,
 Surrey,
 KT22 8UX

Project
Southampton to London Pipeline Project

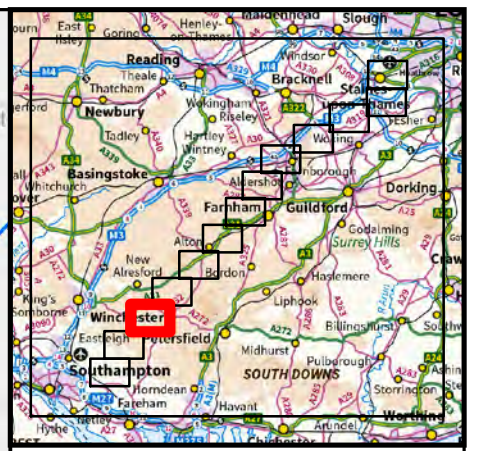
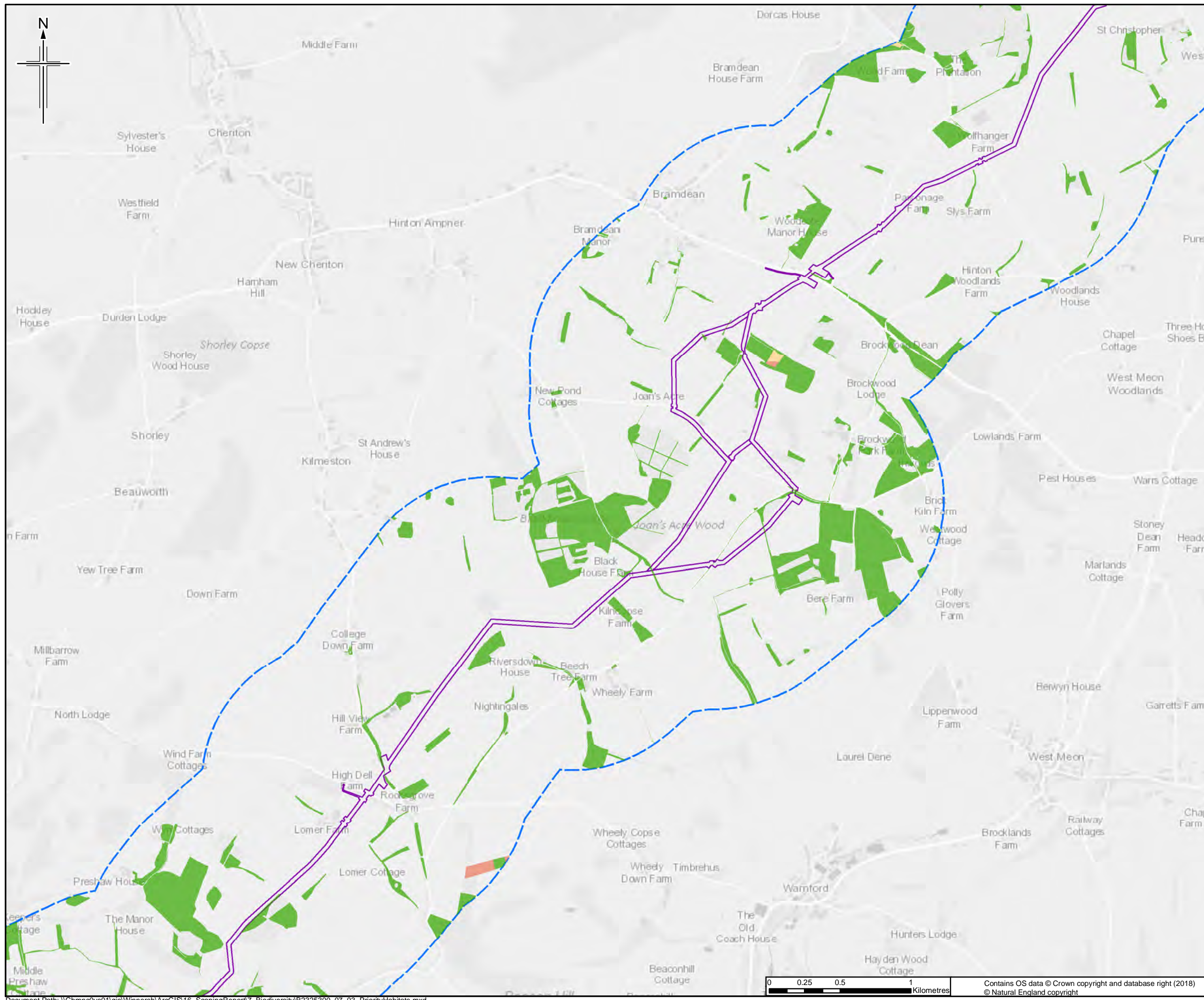
Drawing title
PRIORITY HABITAT LOCATION PLAN

Drawing Status	For Issue	
Scale	1:25,000 @ A3	DO NOT SCALE
Jacobs No.	B2325300	
BIM No.		
Drawing number	Figure 7.2 Sheet 3 of 14	Rev 0

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- Legend**
- Order Limits
 - Order Limits 1km Buffer
 - Priority Habitat - Hampshire County**
 - Lowland Calcareous Grassland
 - Lowland Meadows
 - Lowland Mixed Deciduous Woodland

Note: Hampshire County Priority Habitats supplied by HBIC and Surrey County sourced from the National Inventory (MAGIC).
 The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

0	19/06/2018	For Issue	RH	NC	DJ	RS
Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checkd	Revd	Apprvd

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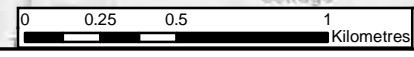
Client
 Esso Petroleum Company, Limited
 Ermyn House,
 Ermyn Way,
 Leatherhead,
 Surrey,
 KT22 8UX

Project
 Southampton to London Pipeline Project

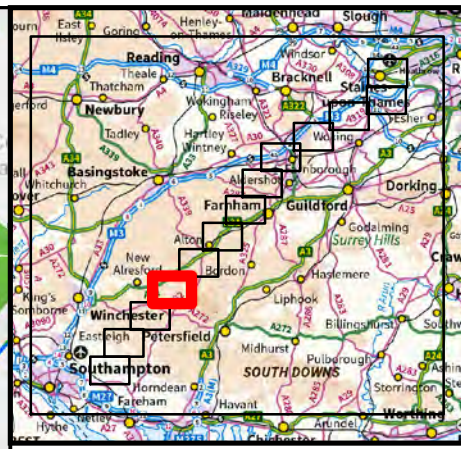
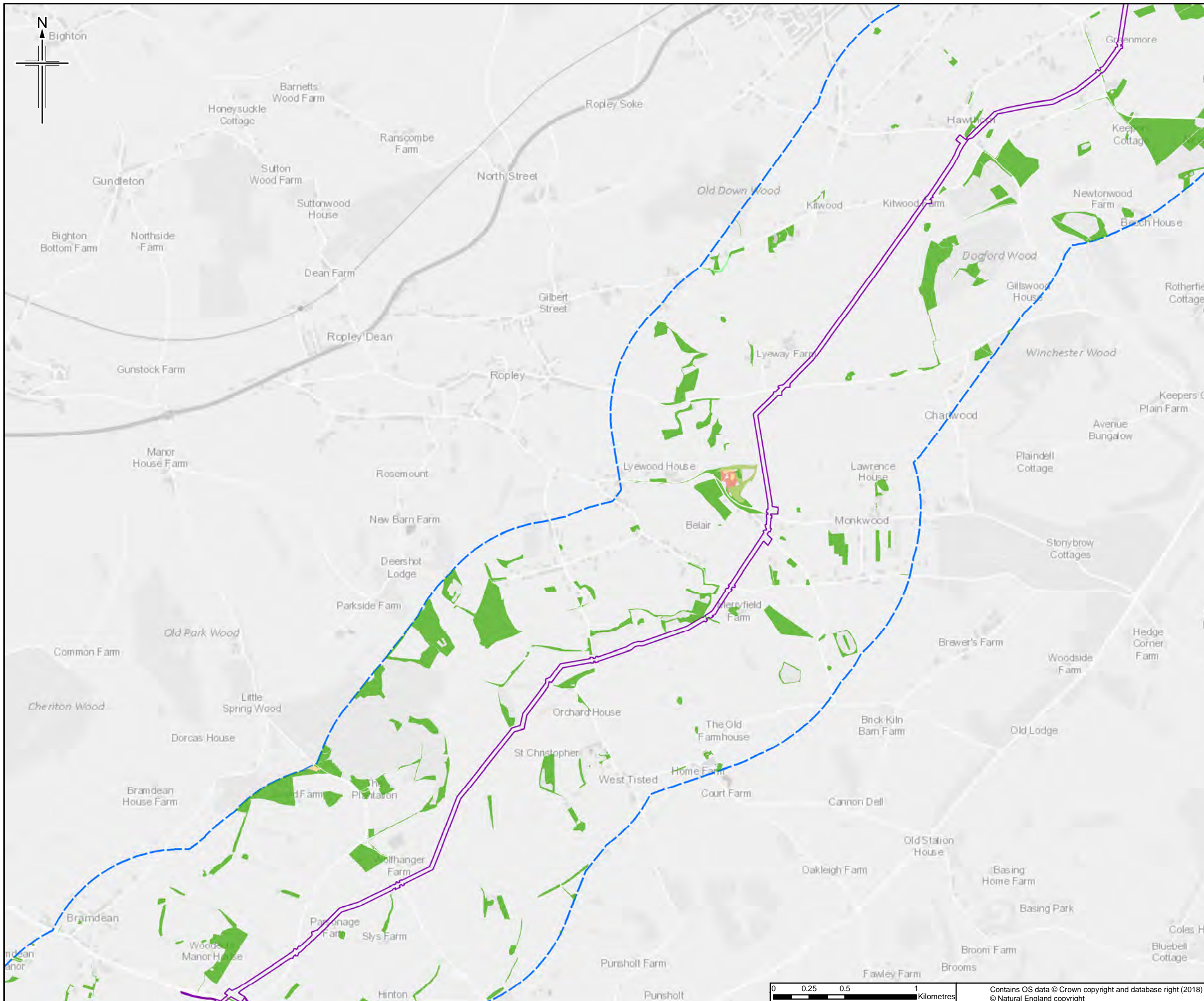
Drawing title
PRIORITY HABITAT LOCATION PLAN

Drawing Status	For Issue	
Scale	1:25,000 @ A3	DO NOT SCALE
Jacobs No.	B2325300	
BIM No.		
Drawing number	Figure 7.2 Sheet 4 of 14	Rev 0

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- Legend**
- Order Limits
 - - - Order Limits 1km Buffer
 - Priority Habitat - Hampshire County
 - Lowland Beech and Yew Woodland
 - Lowland Calcareous Grassland
 - Lowland Meadows
 - Lowland Mixed Deciduous Woodland
 - Wood-Pasture and Parkland

Note: Hampshire County Priority Habitats supplied by HBIC and Surrey County sourced from the National Inventory (MAGIC).
 The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

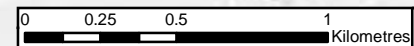
Rev.	Rev. Date	For Issue	RH	NC	DJ	RS
0	19/06/2018	For Issue				
		Purpose of revision	OnqDwn	Checkd	Revid	Apprvd



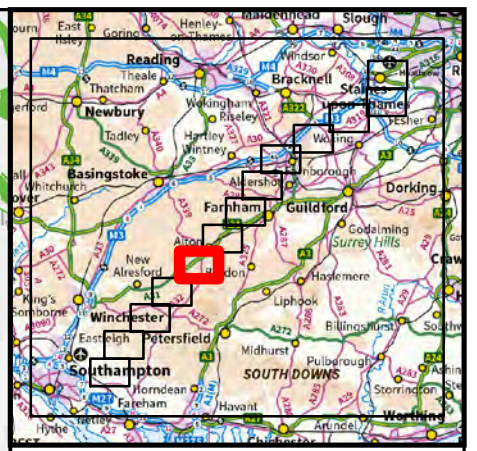
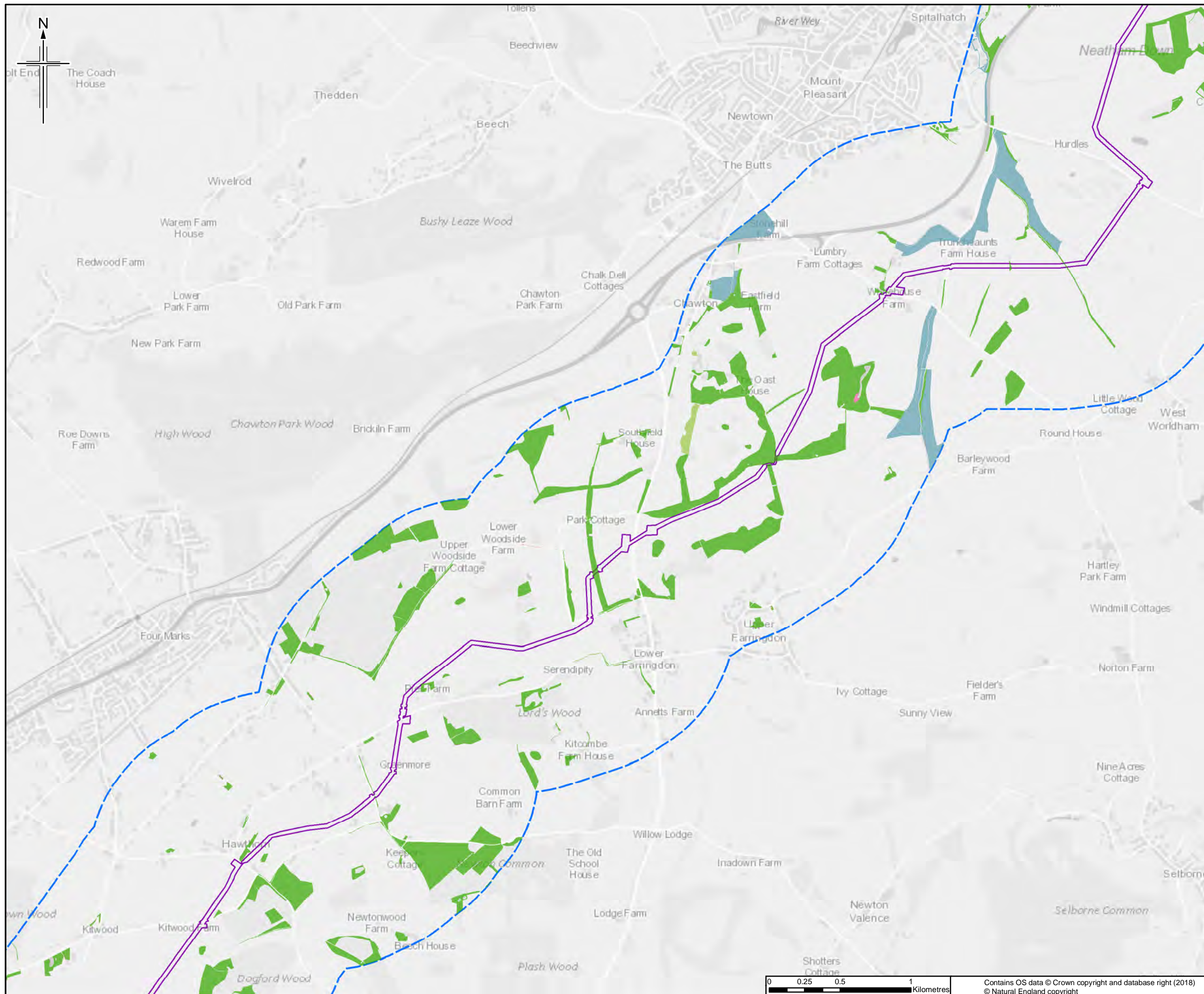
Client
 Esso Petroleum Company, Limited
 Ermyn House,
 Ermyn Way,
 Leatherhead,
 Surrey,
 KT22 8UX



Drawing title		
PRIORITY HABITAT LOCATION PLAN		
Drawing Status	For Issue	
Scale	1:25,000 @ A3	DO NOT SCALE
Jacobs No.	B2325300	
BIM No.		
Drawing number	Figure 7.2 Sheet 5 of 14	Rev 0



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- Legend**
- Order Limits
 - - - Order Limits 1km Buffer
- Priority Habitat - Hampshire County
- Coastal and Floodplain Grazing Marsh
 - Lowland Calcareous Grassland Low-
 - Land Mixed Deciduous Woodland Wet
 - Woodland
 - Wood-Pasture and Parkland

Note: Hampshire County Priority Habitats supplied by HBIC and Surrey County sourced from the National Inventory (MAGIC).
 The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

Rev.	Rev. Date	For Issue	RH	NC	DJ	RS
0	19/06/2018	For Issue				



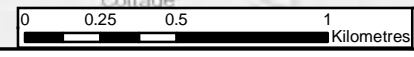
Client
 Esso Petroleum Company, Limited
 Ermyn House,
 Ermyn Way,
 Leatherhead,
 Surrey,
 KT22 8UX



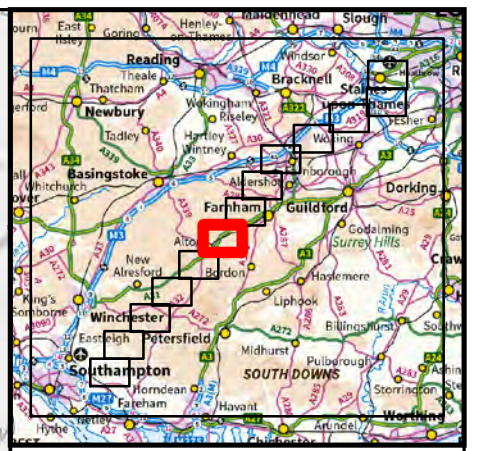
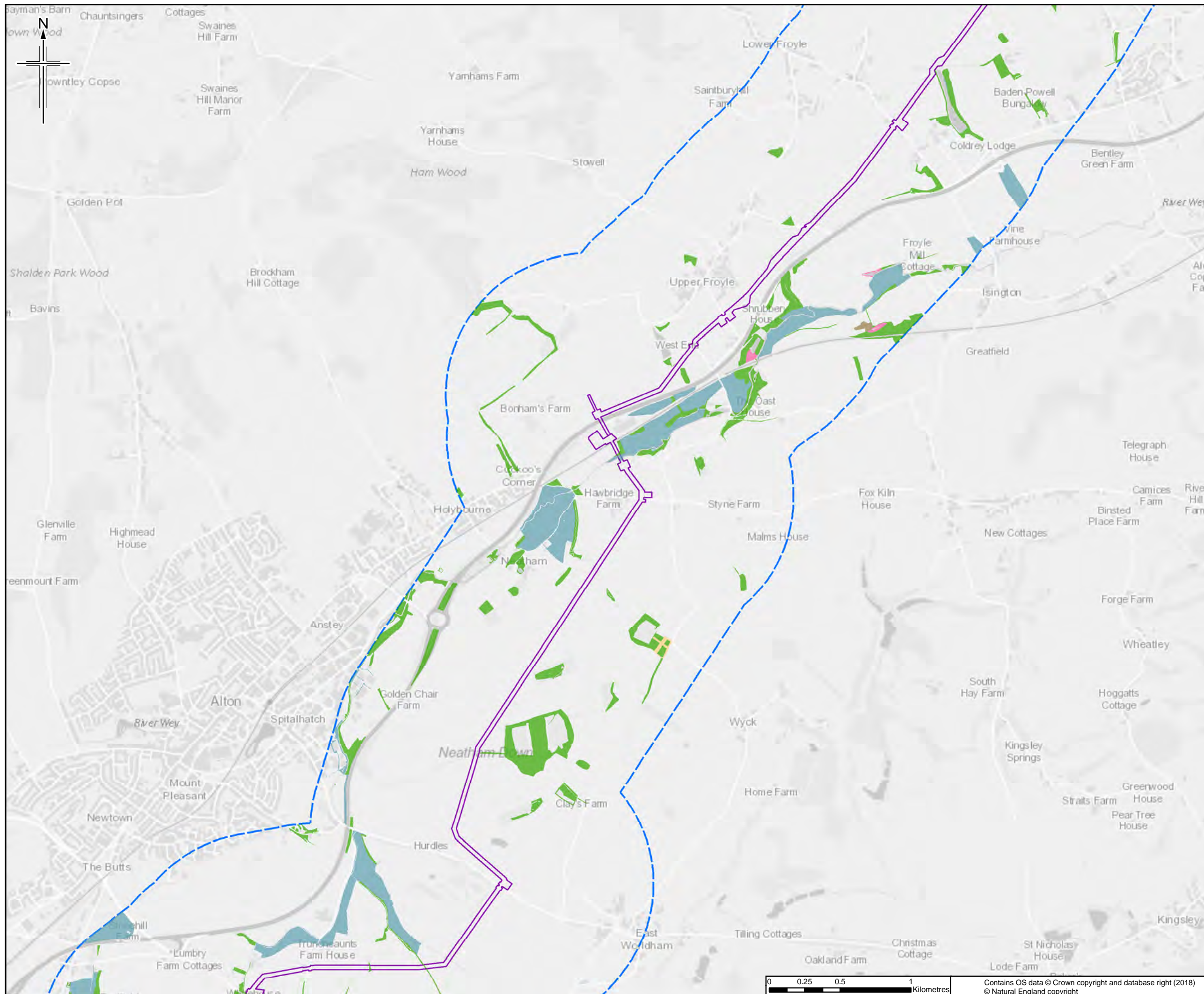
Drawing title
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Drawing Status	For Issue	
Scale	1:25,000 @ A3	DO NOT SCALE
Jacobs No.	B2325300	
BIM No.		
Drawing number	Figure 7.2 Sheet 6 of 14	Rev 0

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- Legend**
- Order Limits
 - - - Order Limits 1km Buffer
- Priority Habitat - Hampshire County
- Coastal and Floodplain Grazing Marsh
 - Lowland Meadows
 - Lowland Mixed Deciduous Woodland
 - Purple Moor Grass and Rush Pastures
 - Wet Woodland

Note: Hampshire County Priority Habitats supplied by HBIC and Surrey County sourced from the National Inventory (MAGIC).
 The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

0	19/06/2018	For Issue	RH	NC	DJ	RS
Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Apprv'd

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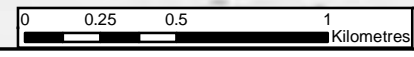
Client
 Esso Petroleum Company, Limited
 Ermyn House,
 Ermyn Way,
 Leatherhead,
 Surrey,
 KT22 8UX

Project
Southampton to London Pipeline Project

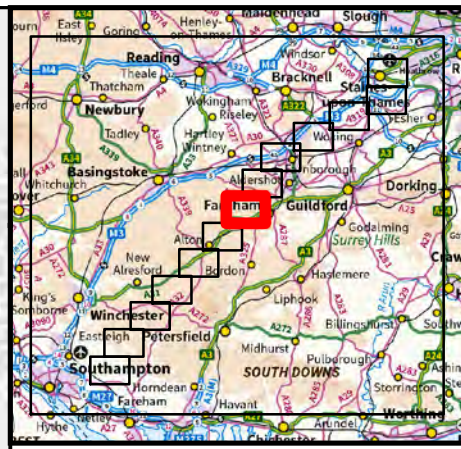
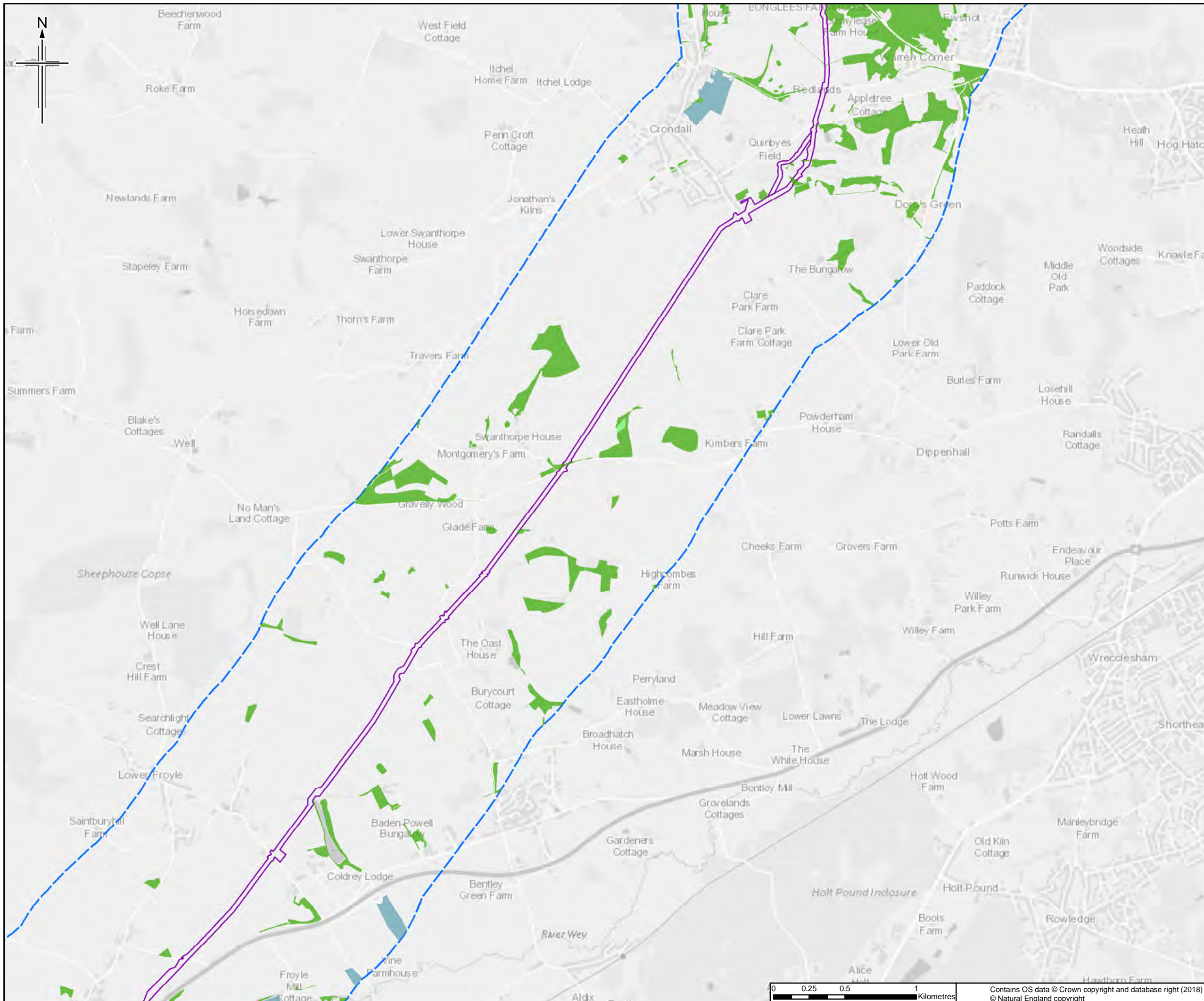
Drawing title
PRIORITY HABITAT LOCATION PLAN

Drawing Status	For Issue	
Scale	1:25,000 @ A3	DO NOT SCALE
Jacobs No.	B2325300	
BIM No.		
Drawing number	Figure 7.2 Sheet 7 of 14	Rev 0

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- Legend**
- Order Limits
 - - - Order Limits 1km Buffer
- Priority Habitat - Hampshire County
- Coastal and Floodplain Grazing Marsh
 - Lowland Beech and Yew Woodland
 - Lowland Mixed Deciduous Woodland
 - Wet Woodland

Note: Hampshire County Priority Habitats supplied by HBIC and Surrey County sourced from the National Inventory (MAGIC).
 The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

0	19/06/2018	For Issue	RH	NC	DJ	RS
Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checkd	Revd	Apprvd



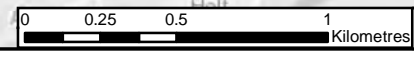
Client
 Esso Petroleum Company, Limited
 Ermyn House,
 Ermyn Way,
 Leatherhead,
 Surrey,
 KT22 8UX



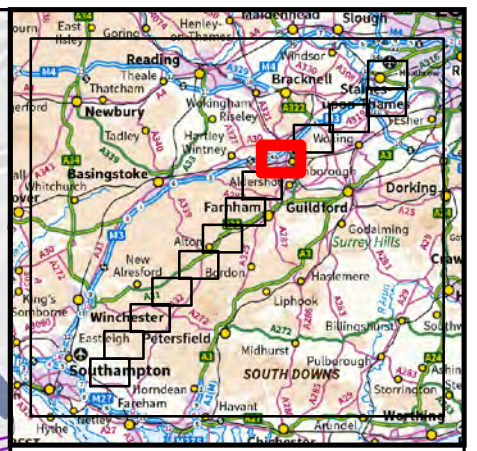
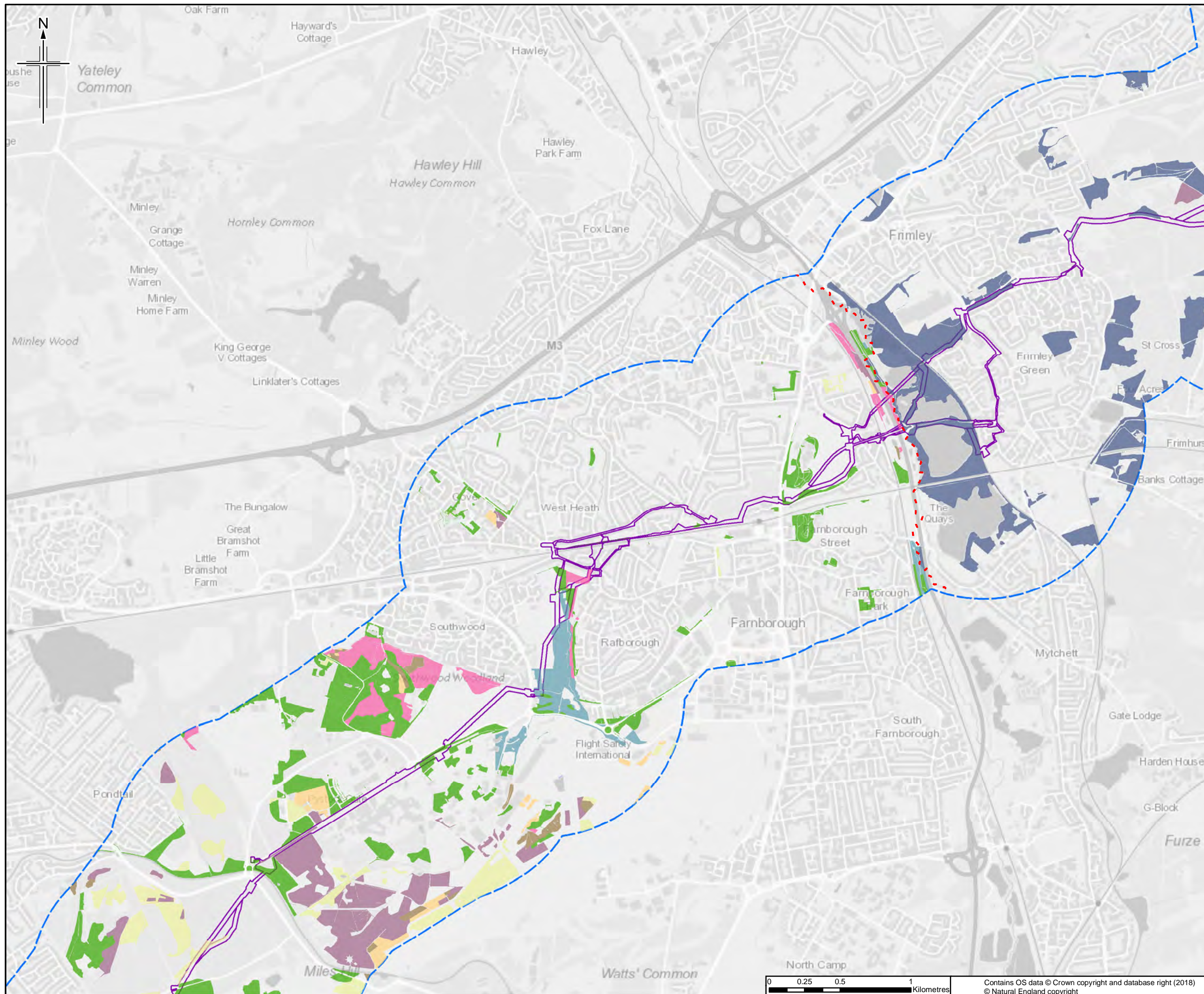
Drawing title
PRIORITY HABITAT LOCATION PLAN

Drawing Status	For Issue	
Scale	1:25,000 @ A3	DO NOT SCALE
Jacobs No.	B2325300	
BIM No.		
Drawing number	Figure 7.2 Sheet 8 of 14	Rev 0

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- Legend**
- Order Limits
 - - - Order Limits 1km Buffer
 - - - Hampshire/Surrey Boundary
 - Priority Habitat - Surrey County
 - Deciduous Woodland
 - Lowland Heathland
 - Priority Habitat - Hampshire County
 - Coastal and Floodplain Grazing Marsh
 - Lowland Dry Acid Grassland
 - Lowland Heathland
 - Lowland Meadows
 - Lowland Mixed Deciduous Woodland
 - Purple Moor Grass and Rush Pastures
 - Reedbeds
 - Wet Woodland

Note: Hampshire County Priority Habitats supplied by HBIC and Surrey County sourced from the National Inventory (MAGIC).
 The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

0	19/06/2018	For Issue	RH	NC	DJ	RS
Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checked	Rev'd	Apprv'd



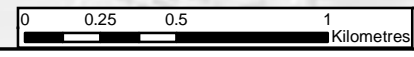
Client
 Esso Petroleum Company, Limited
 Ermyn House,
 Ermyn Way,
 Leatherhead,
 Surrey,
 KT22 8UX

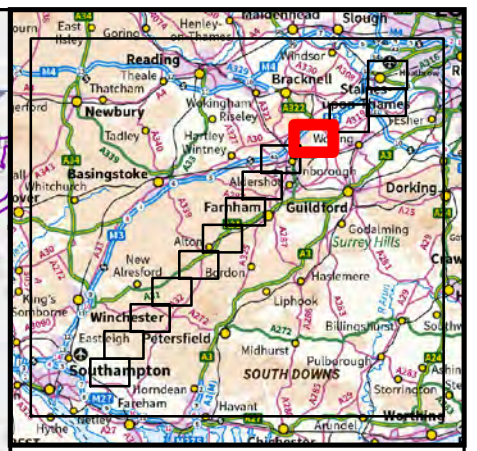
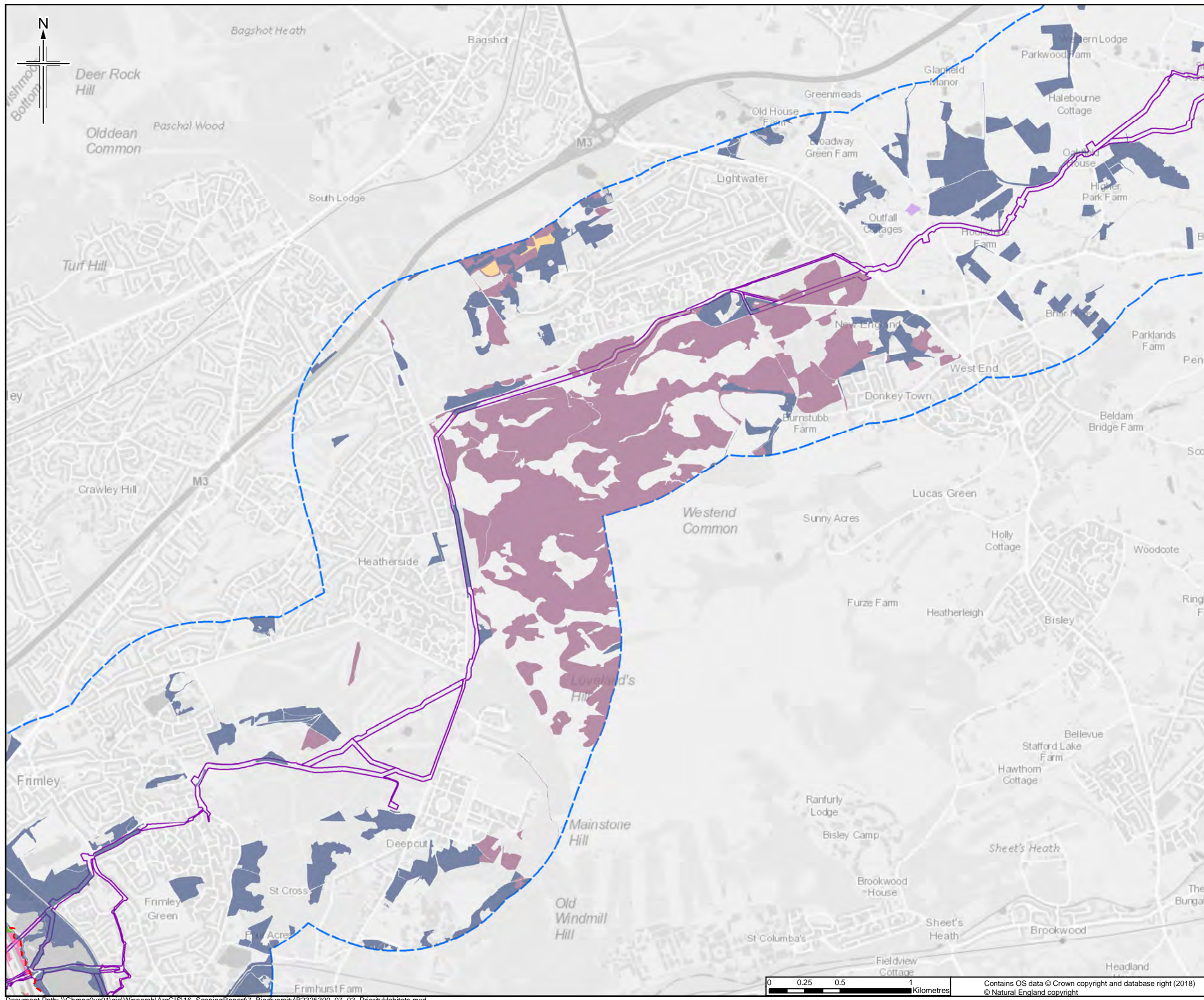


Drawing title
PRIORITY HABITAT LOCATION PLAN

Drawing Status	For Issue	
Scale	1:25,000 @ A3	DO NOT SCALE
Jacobs No.	B2325300	
BIM No.		
Drawing number	Figure 7.2 Sheet 10 of 14	Rev 0

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- Legend**
- Order Limits
 - - - Order Limits 1km Buffer
 - Hampshire/Surrey Boundary
 - Priority Habitat - Surrey County
 - Deciduous Woodland
 - Lowland Heathland
 - Lowland Meadows
 - Traditional Orchard
 - Priority Habitat - Hampshire County
 - Coastal and Floodplain Grazing Marsh
 - Lowland Heathland
 - Lowland Mixed Deciduous Woodland
 - Purple Moor Grass and Rush Pastures
 - Wet Woodland

Note: Hampshire County Priority Habitats supplied by HBIC and Surrey County sourced from the National Inventory (MAGIC).
 The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

0	19/06/2018	For Issue	RH	NC	DJ	RS
Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checkd	Rev'd	Apprv'd



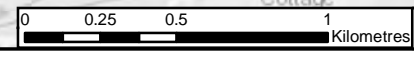
Client
 Esso Petroleum Company, Limited
 Ermyn House,
 Ermyn Way,
 Leatherhead,
 Surrey,
 KT22 8UX



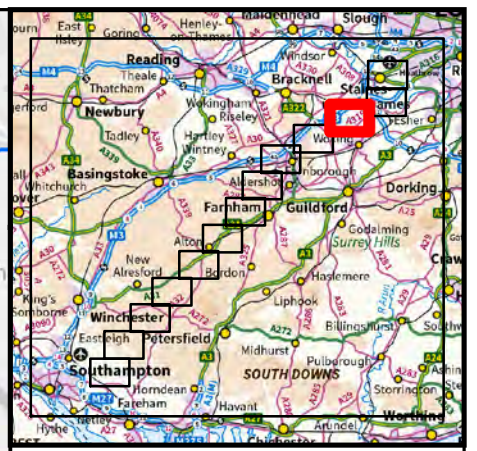
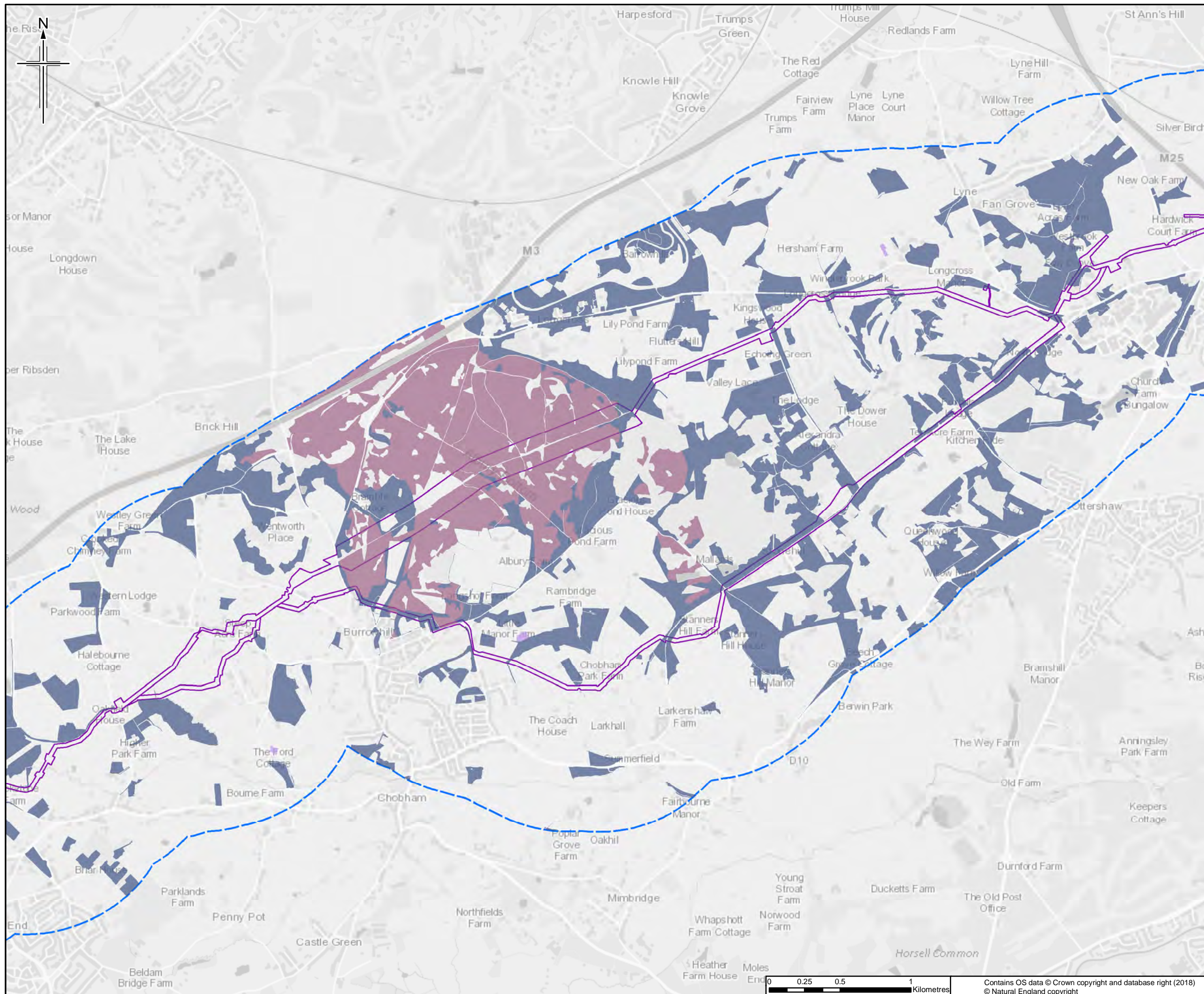
Drawing title
PRIORITY HABITAT LOCATION PLAN

Drawing Status	For Issue	
Scale	1:25,000 @ A3	DO NOT SCALE
Jacobs No.	B2325300	
BIM No.		
Drawing number	Figure 7.2 Sheet 11 of 14	Rev 0

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- Legend**
- Order Limits
 - Order Limits 1km Buffer
 - Priority Habitat - Surrey County
 - Deciduous Woodland
 - Lowland Heathland
 - Traditional Orchard

Note: Hampshire County Priority Habitats supplied by HBIC and Surrey County sourced from the National Inventory (MAGIC).
 The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

Rev.	Rev. Date	For Issue	RH	NC	DJ	RS
0	19/06/2018	For Issue				



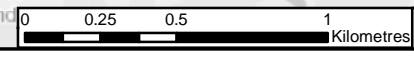
Client
 Esso Petroleum Company, Limited
 Ermyn House,
 Ermyn Way,
 Leatherhead,
 Surrey,
 KT22 8UX

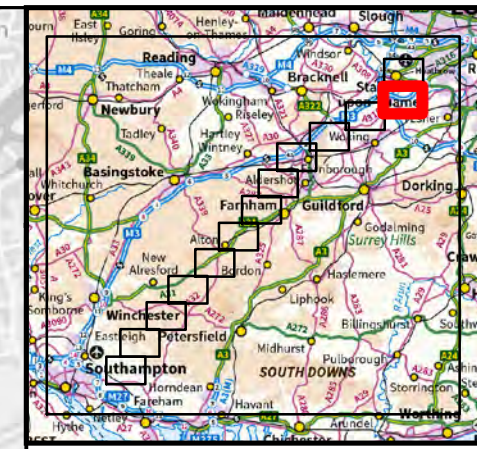
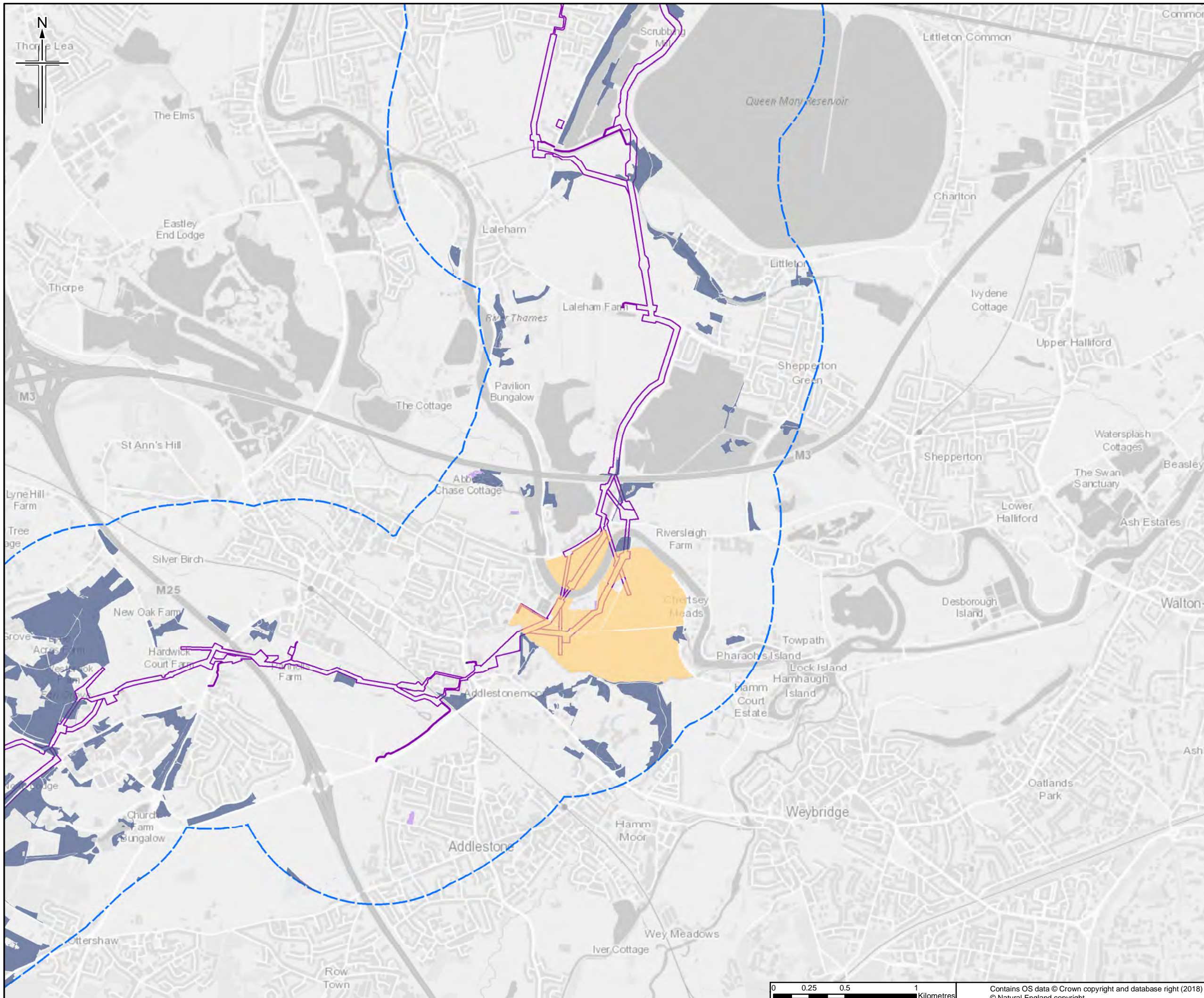


Drawing title
PRIORITY HABITAT LOCATION PLAN

Drawing Status	For Issue
Scale	1:25,000 @ A3 DO NOT SCALE
Jacobs No.	B2325300
BIM No.	
Drawing number	Figure 7.2 Sheet 12 of 14
Rev	0

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- Legend**
- Order Limits
 - Order Limits 1km Buffer
 - Priority Habitat - Surrey County
 - Deciduous Woodland
 - Lowland Meadows
 - Traditional Orchard

Note: Hampshire County Priority Habitats supplied by HBIC and Surrey County sourced from the National Inventory (MAGIC).
 The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

0	19/06/2018	For Issue	RH	NC	DJ	RS
Rev.	Rev. Date	Purpose of revision	Orig/Dwn	Checked	Revised	Approved

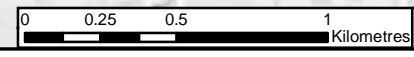


Client
 Esso Petroleum Company, Limited
 Ermyn House,
 Ermyn Way,
 Leatherhead,
 Surrey,
 KT22 8UX

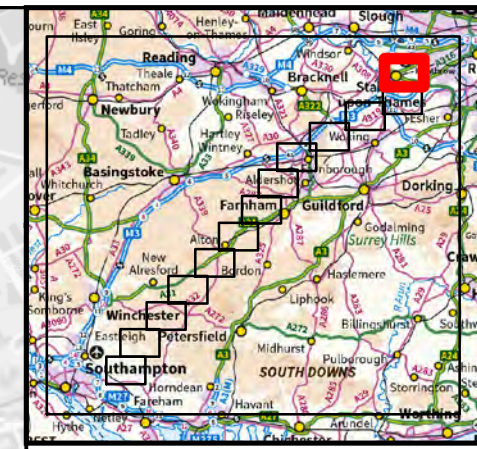
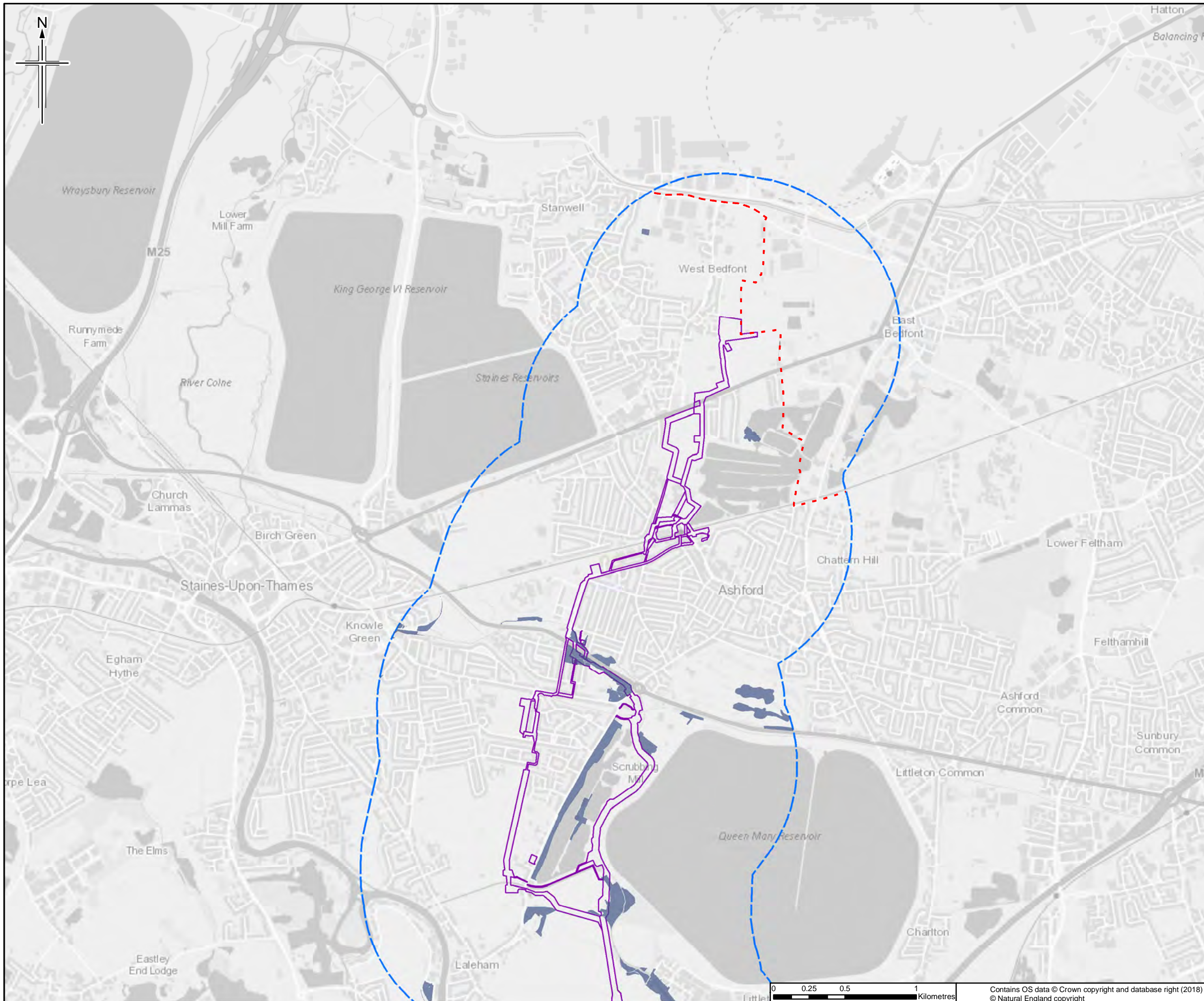


Drawing title
PRIORITY HABITAT LOCATION PLAN

Drawing Status	For Issue	
Scale	1:25,000 @ A3	DO NOT SCALE
Jacobs No.	B2325300	
BIM No.		
Drawing number	Figure 7.2 Sheet 13 of 14	Rev 0



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- Legend**
- Order Limits
 - - - Order Limits 1km Buffer
 - - - Hampshire/Surrey Boundary
 - Priority Habitat - Surrey County
 - Deciduous Woodland

Note: Hampshire County Priority Habitats supplied by HBIC and Surrey County sourced from the National Inventory (MAGIC).
 The order limits show an assumed Project working area. This has been based on the pipeline route and developed for the purposes of scoping.

Rev.	Rev. Date	For Issue	RH	NC	DJ	RS
0	19/06/2018	For Issue				



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



Drawing title
PRIORITY HABITAT LOCATION PLAN

Drawing Status	For Issue	
Scale	1:25,000 @ A3	DO NOT SCALE
Jacobs No.	B2325300	
BIM No.		
Drawing number	Figure 7.2 Sheet 14 of 14	Rev 0

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