

Norwich to Tilbury

Volume 6: Environmental Statement

Document: 6.11.F6 Environmental Statement Figure 11.6 - Phase 2 Geophysical Survey Preliminary Results

Final Issue A

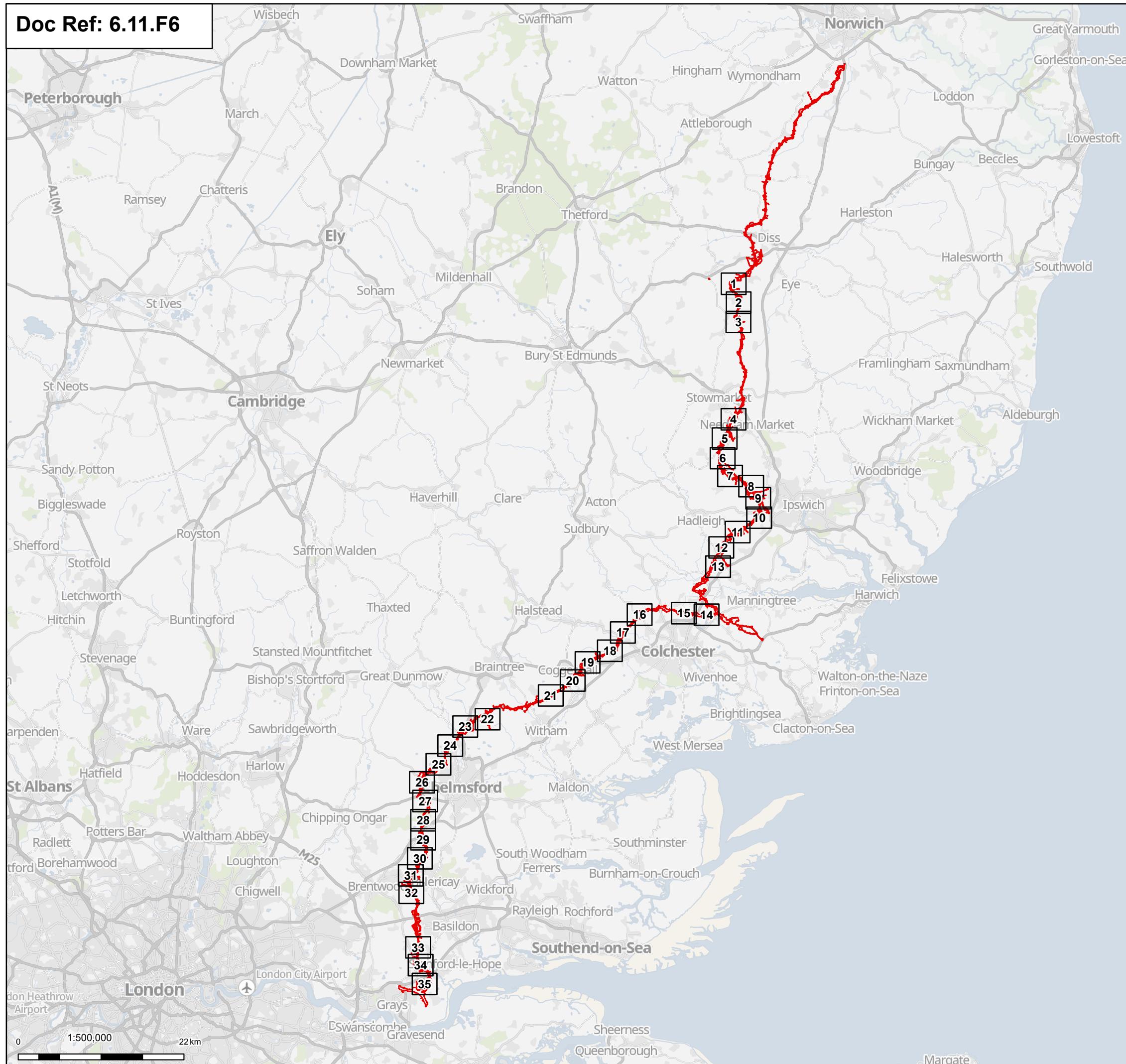
January 2026

Planning Inspectorate Reference: EN020027

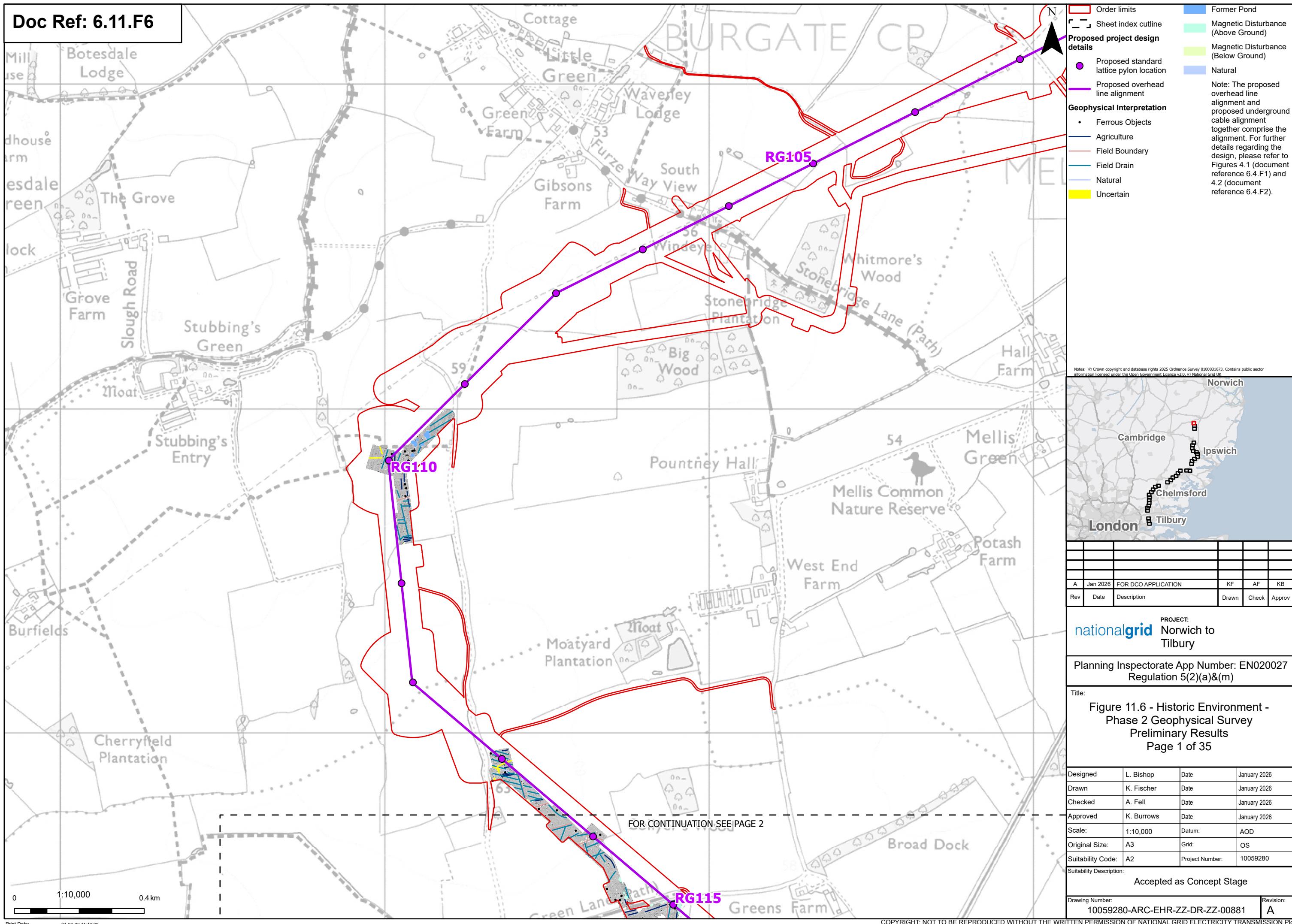
Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 Regulation 5(2)(a)

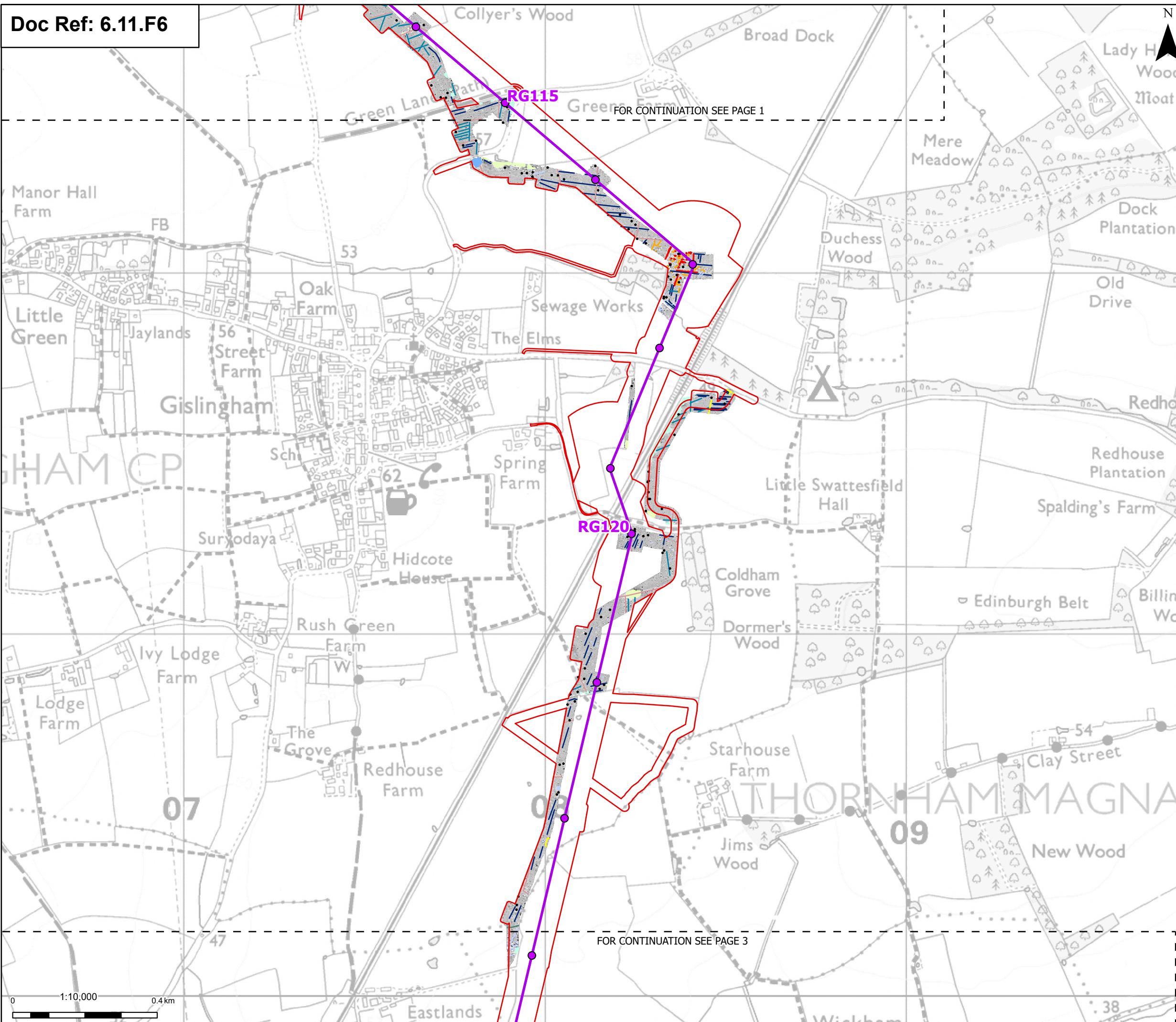
nationalgrid





	Order limits												
	Pages												
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Rev	Date	Description	Drawn	Check	Approved								
nationalgrid PROJECT: Norwich to Tilbury													
Planning Inspectorate App Number: EN020027 Regulation 5(2)(a)&(m)													
Title: Figure 11.6 - Historic Environment - Phase 2 Geophysical Survey Preliminary Results Overview													
Designed	L. Bishop	Date	January 2026										
Drawn	K. Fischer	Date	January 2026										
Checked	A. Fell	Date	January 2026										
Approved	K. Burrows	Date	January 2026										
Scale:	1:500,000	Datum:	AOD										
Original Size:	A3	Grid:	OS										
Suitability Code:	A2	Project Number:	10059280										
Suitability Description: Accepted as Concept Stage													
Drawing Number: 10059280-ARC-EHR-ZZ-DR-ZZ-00881													
Revision: A													

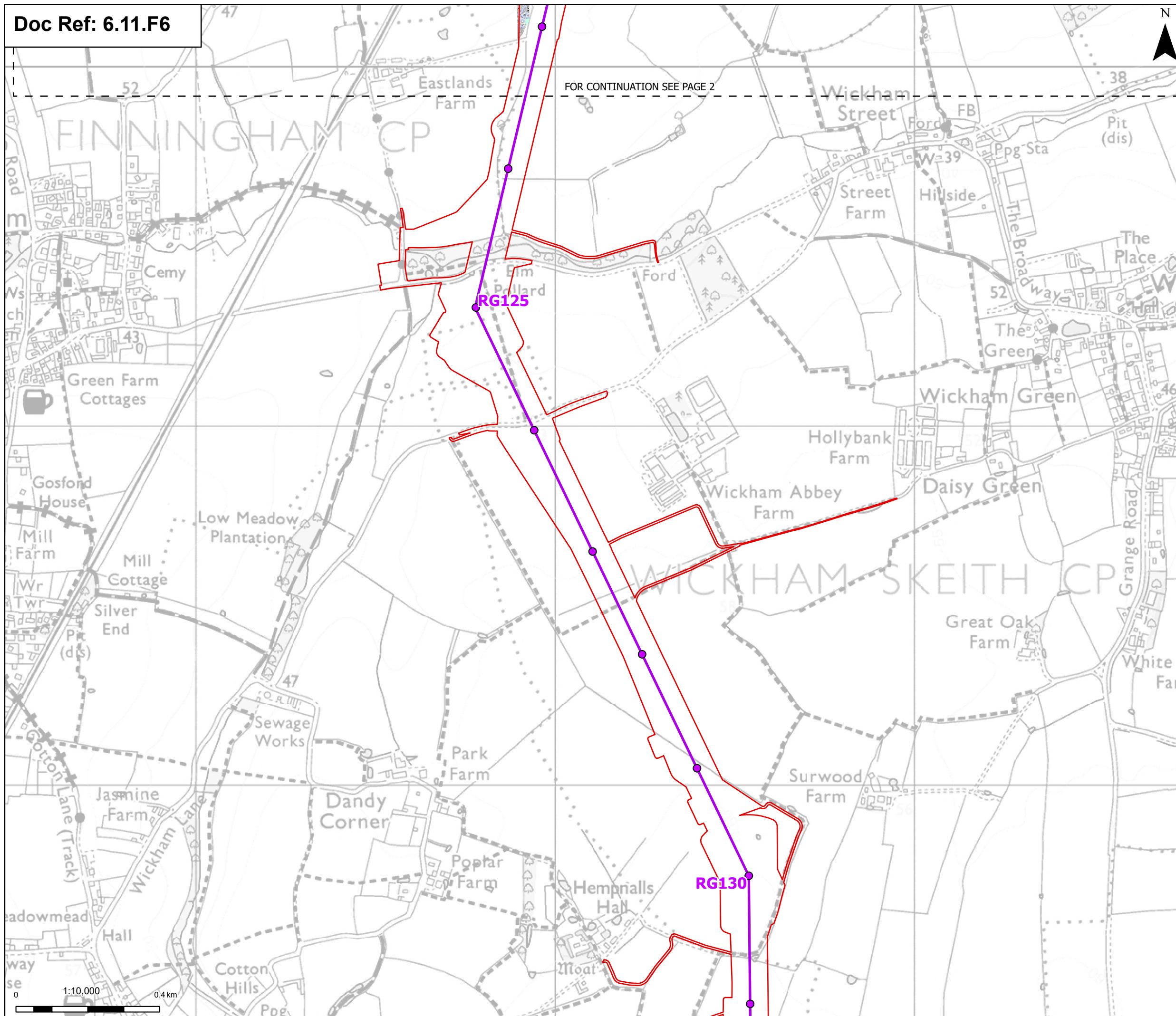




Order limits	Possible Archaeology
Sheet index cutline	Uncertain
Proposed project design details	Former Pond
Proposed standard lattice pylon location	Magnetic Disturbance (Above Ground)
Proposed overhead line alignment	Magnetic Disturbance (Below Ground)
	Natural
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	Geophysical Interpretation
	<ul style="list-style-type: none"> Ferrous Objects Agriculture Field Boundary Field Drain Natural Possible Field Boundary Archaeology



A	Jan 2026	FOR DCO APPLICATION	KF	AF	KB
Rev	Date	Description	Drawn	Check	Approved



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Proposed project design details

- Order limits
- Sheet index cutline
- Proposed standard lattice pylon location
- Proposed overhead line alignment

Geophysical Interpretation

- Natural
- Magnetic Disturbance (Above Ground)

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

PROJECT: nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027
Regulation 5(2)(a)&(m)

Title:
Figure 11.6 - Historic Environment - Phase 2 Geophysical Survey Preliminary Results
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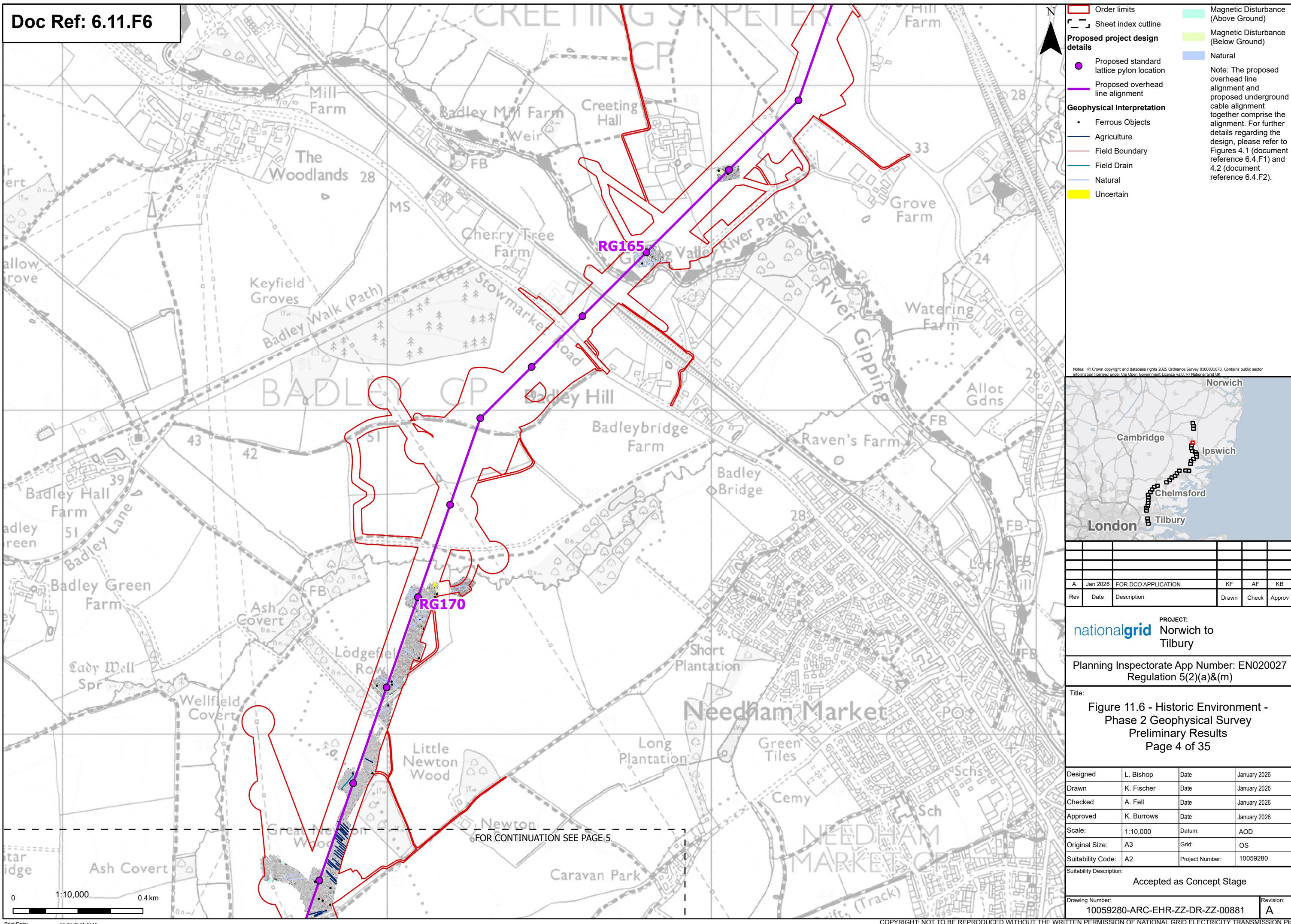
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Drawn	K. Fischer	Date	January 2026
Checked	A. Fell	Date	January 2026
Approved	K. Burrows	Date	January 2026
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

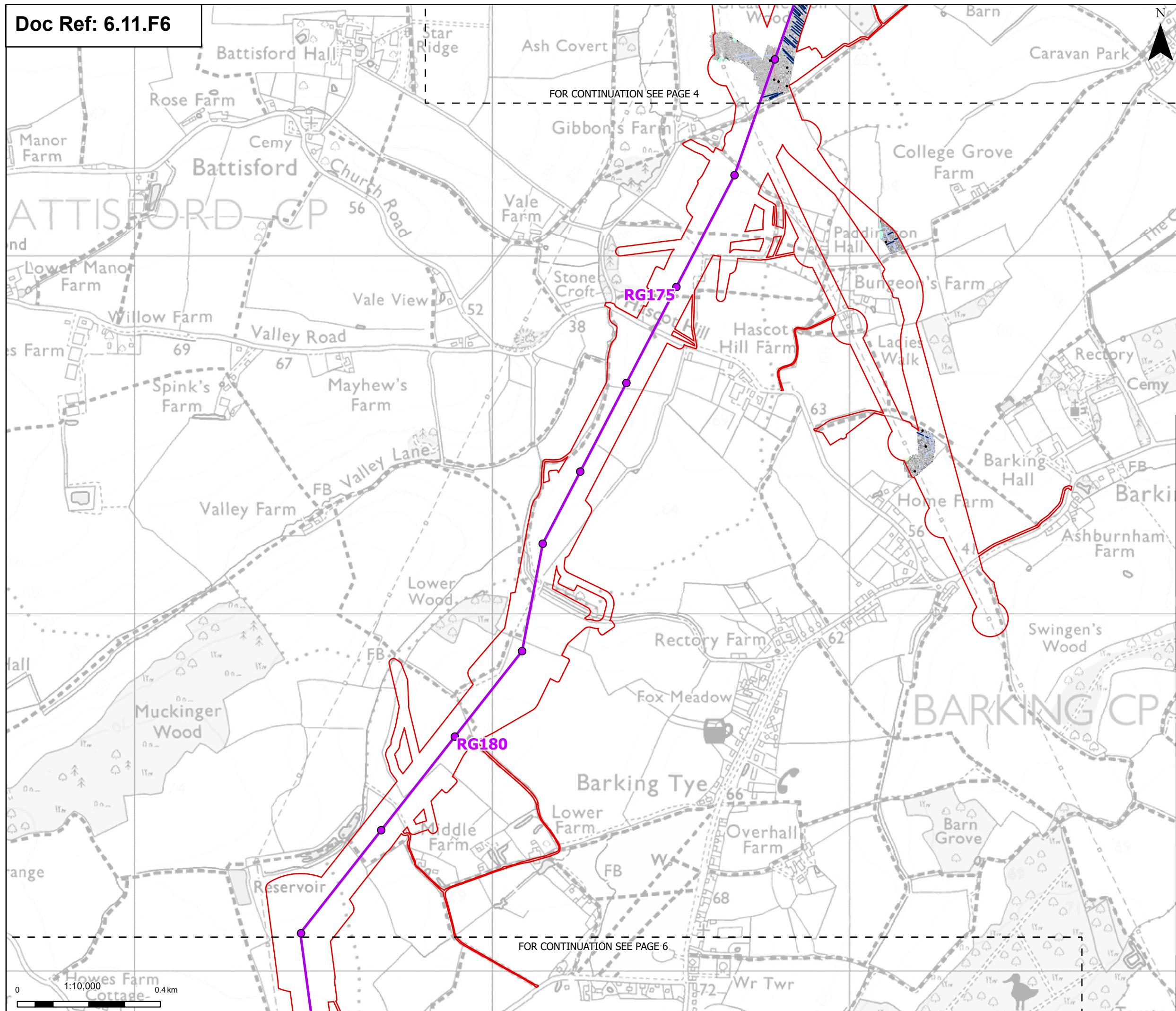
Suitability Description: Accepted as Concept Stage

Drawing Number: 10059280-ARC-EHR-ZZ-DR-ZZ-00881 Revision: A

Print Date: 01-26-26 11:46:11

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Order limits

Sheet index cutline

Proposed project design details

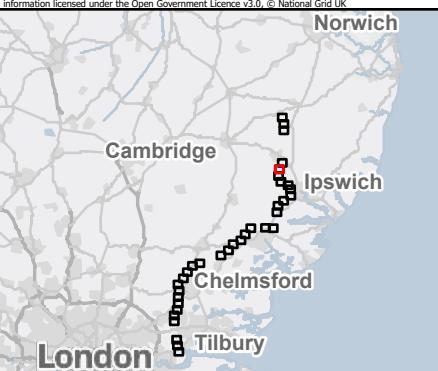
- Proposed standard lattice pylon location
- Proposed overhead line alignment

Geophysical Interpretation

- Ferrous Objects
- Agriculture
- Field Boundary
- Natural
- Magnetic Disturbance (Above Ground)
- Magnetic Disturbance (Below Ground)
- Natural

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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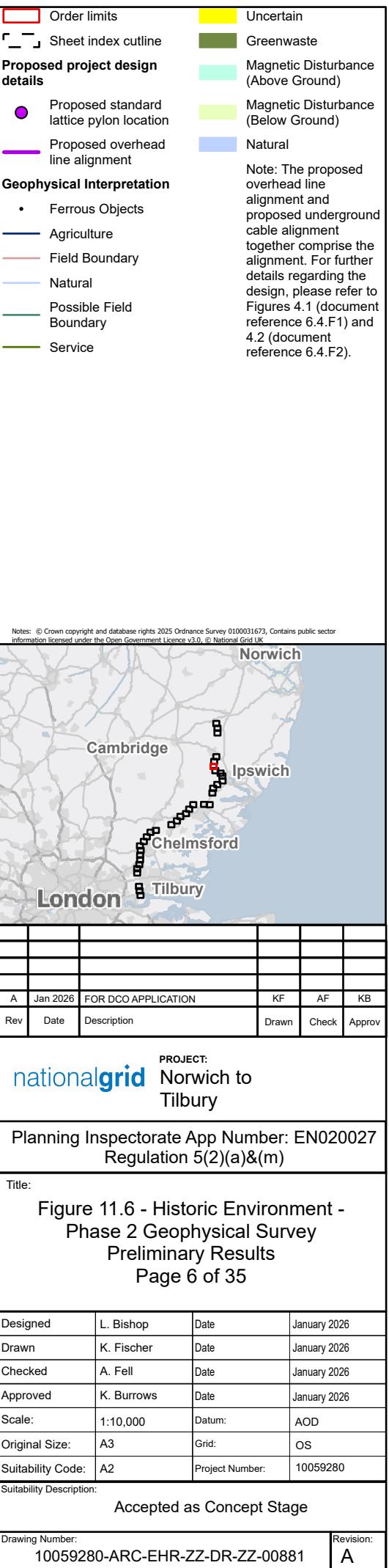
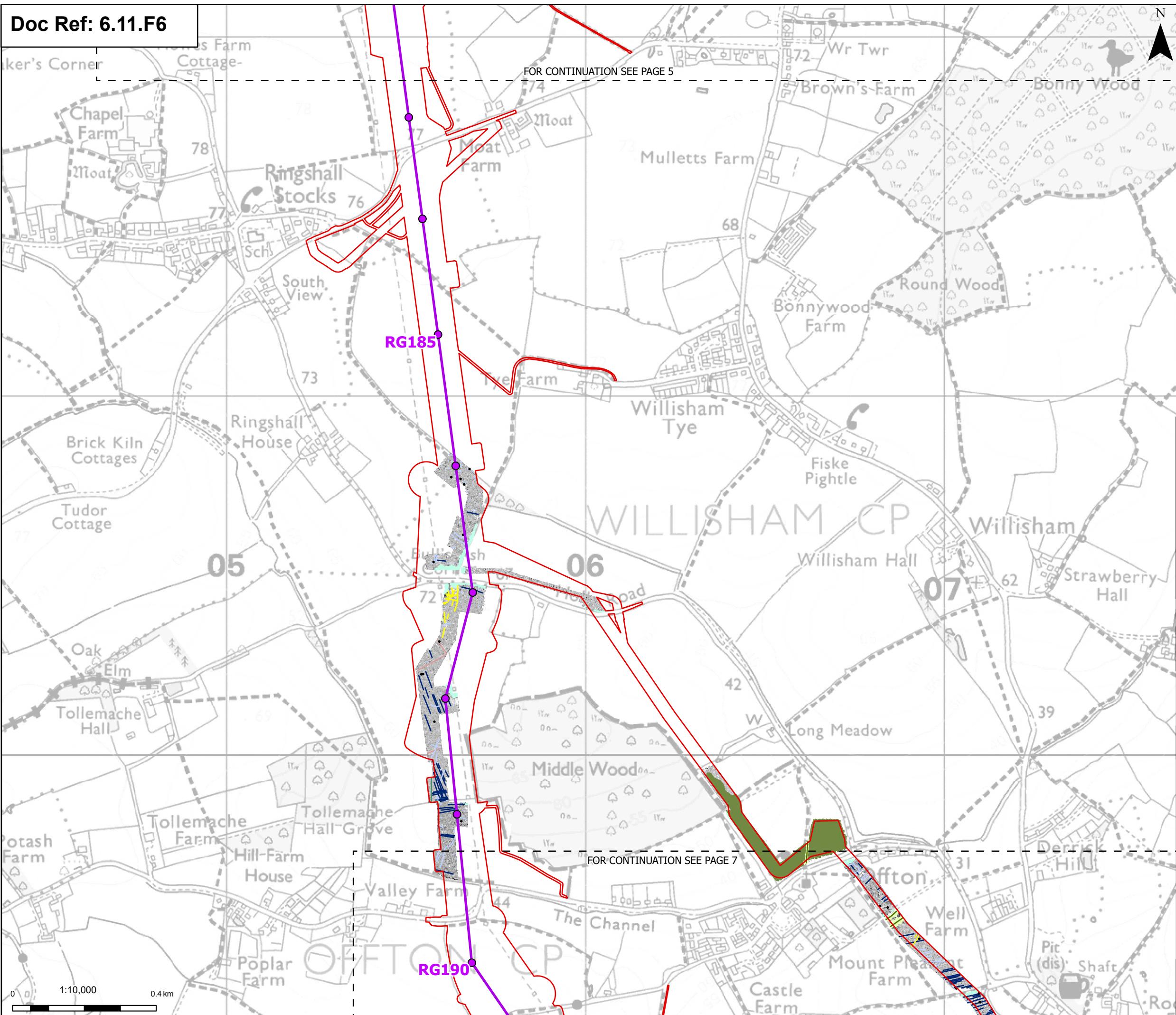
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Regulation 5(2)(a)&(m)

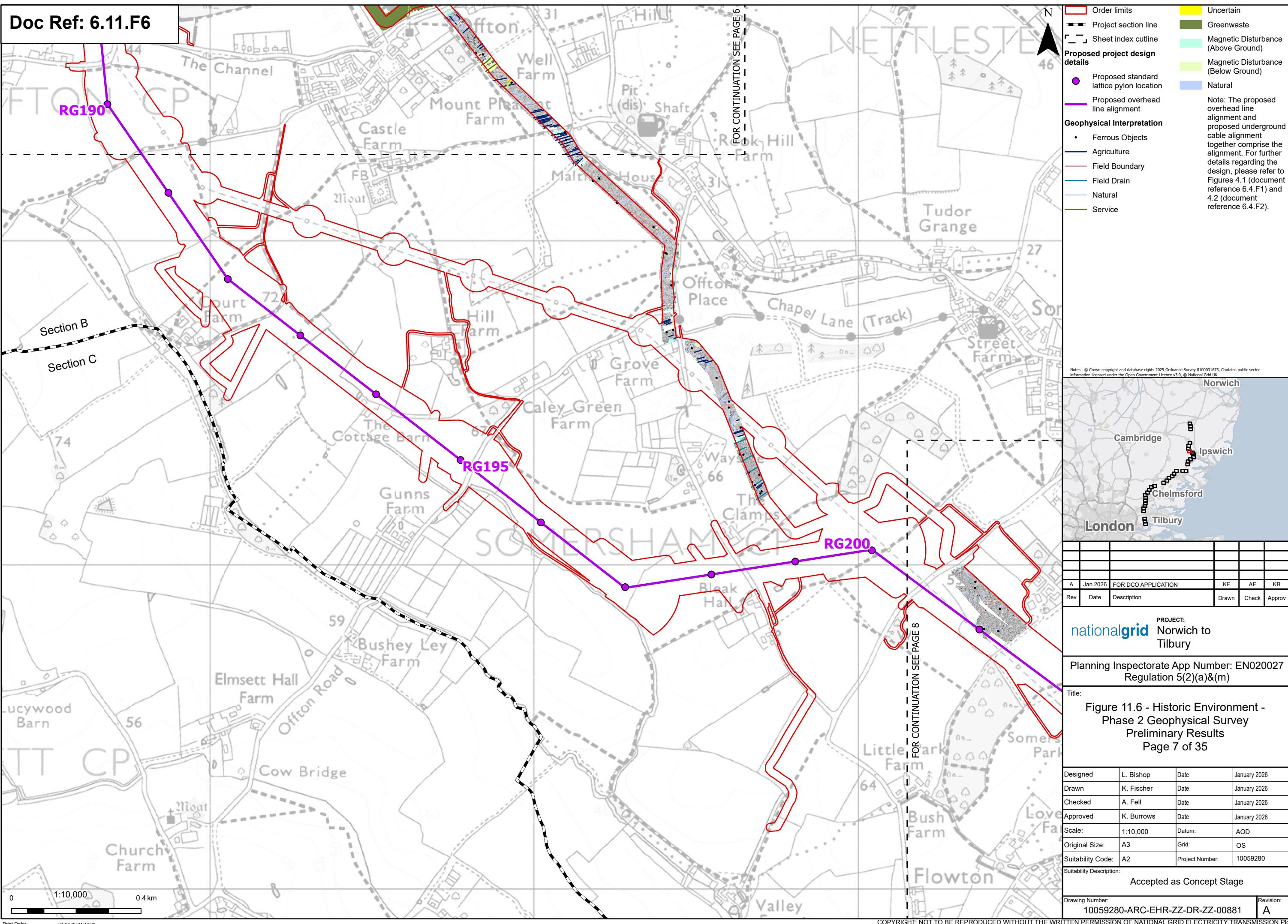
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**Figure 11.6 - Historic Environment -
Phase 2 Geophysical Survey
Preliminary Results**
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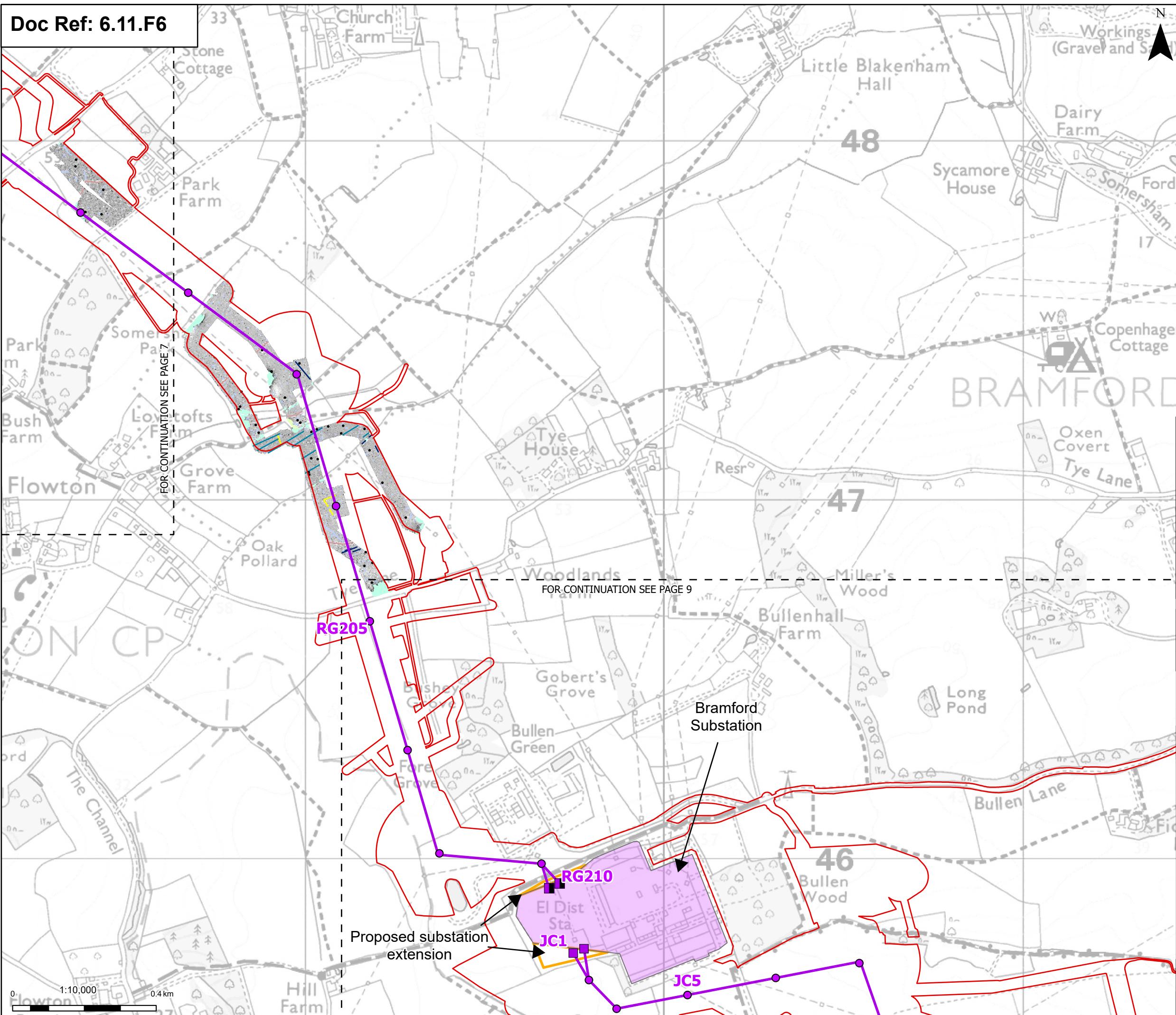
designed	L. Bishop	Date	January 2026
rawn	K. Fischer	Date	January 2026
checked	A. Fell	Date	January 2026
pproved	K. Burrows	Date	January 2026
scale:	1:10,000	Datum:	AOD
original Size:	A3	Grid:	OS
uitability Code:	A2	Project Number:	10059280

Acceptability Description: Accepted as Concept Stage

Drawing Number: 10059280-ARC-EHR-ZZ-DR-ZZ-00881 Revision: A





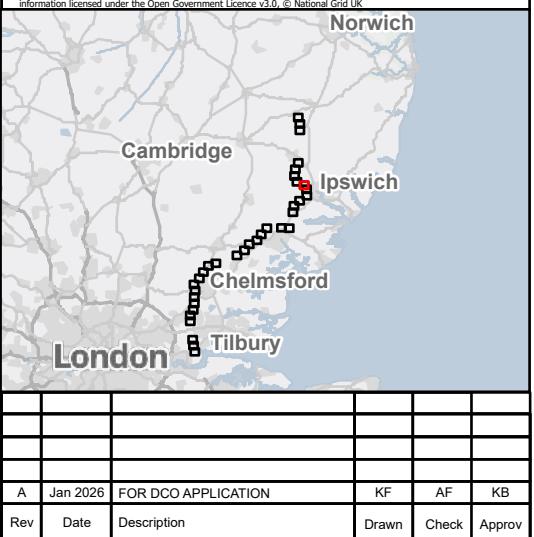


Order limits **Field Drain**
Sheet index cutline **Natural**
Proposed project design details **Uncertain**
 Proposed full line tension gantry **Magnetic Disturbance (Above Ground)**
 Proposed low duty gantry **Magnetic Disturbance (Below Ground)**
 Proposed standard lattice pylon location **Natural**
 Proposed overhead line alignment **Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).**
 Bramford Substation **Br**
 Bramford Substation Extension **Br**

Geophysical Interpretation

- Ferrous Objects
- Agriculture
- Field Boundary

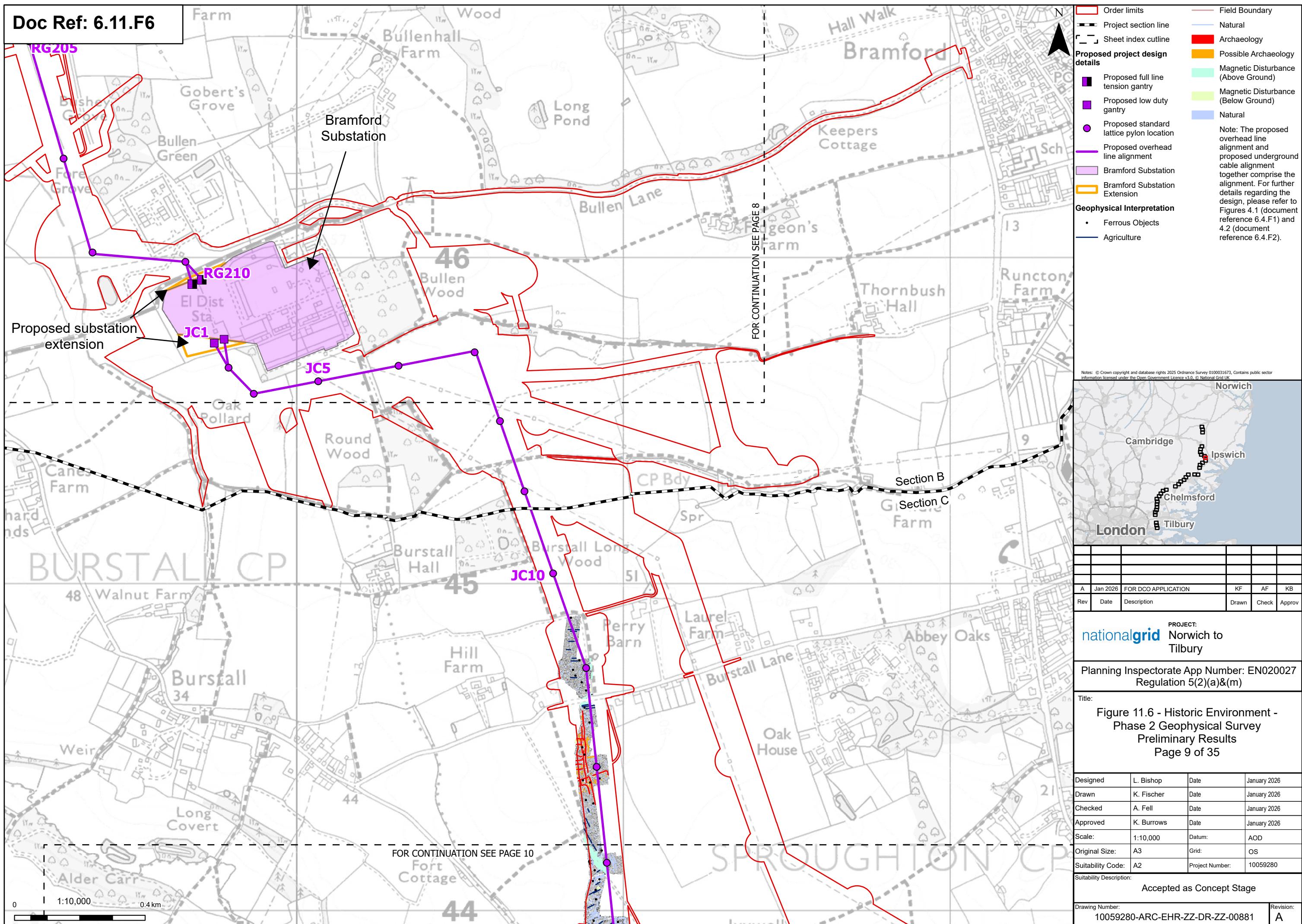
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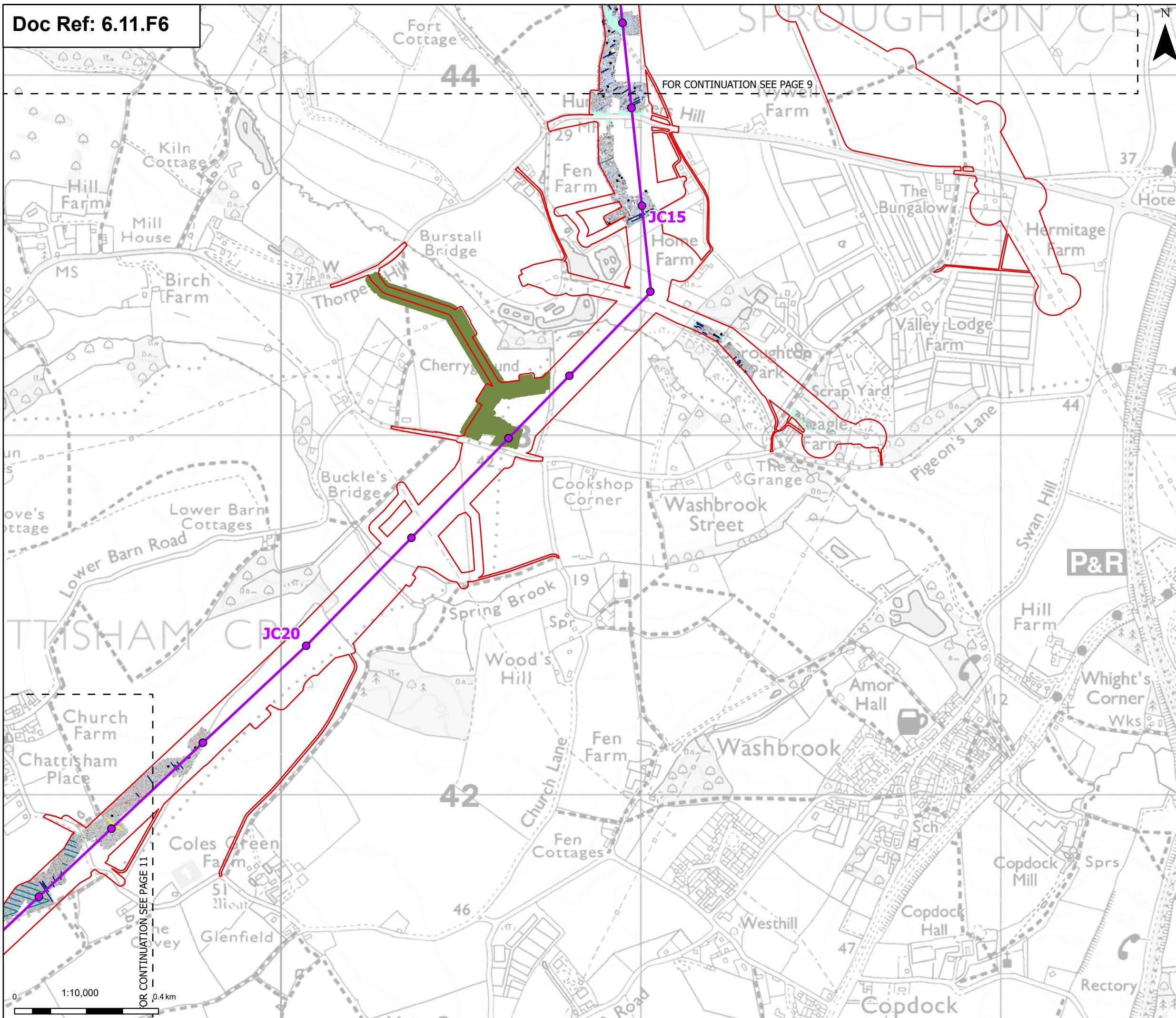


nationalgrid PROJECT: Norwich to Tilbury
 Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)&(m)

Title:
 Figure 11.6 - Historic Environment -
 Phase 2 Geophysical Survey
 Preliminary Results
 Page 8 of 35

Designed	L. Bishop	Date	January 2026
Drawn	K. Fischer	Date	January 2026
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Approved	K. Burrows	Date	January 2026
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280
Suitability Description:			
Accepted as Concept Stage			
Drawing Number:	10059280-ARC-EHR-ZZ-DR-ZZ-00881	Revision:	A



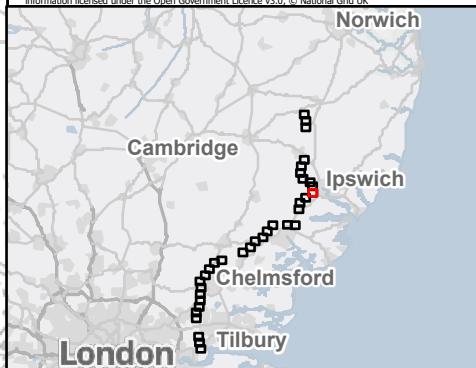


Order limits **Uncertain**
Sheet index cutline **Greenwaste**
Proposed project design details **Magnetic Disturbance (Above Ground)**
 Proposed standard lattice pylon location **Magnetic Disturbance (Below Ground)**
 Proposed overhead line alignment **Natural**
Geophysical Interpretation

- Ferrous Objects
- Agriculture
- Field Boundary
- Field Drain
- Natural
- Possible Field Boundary

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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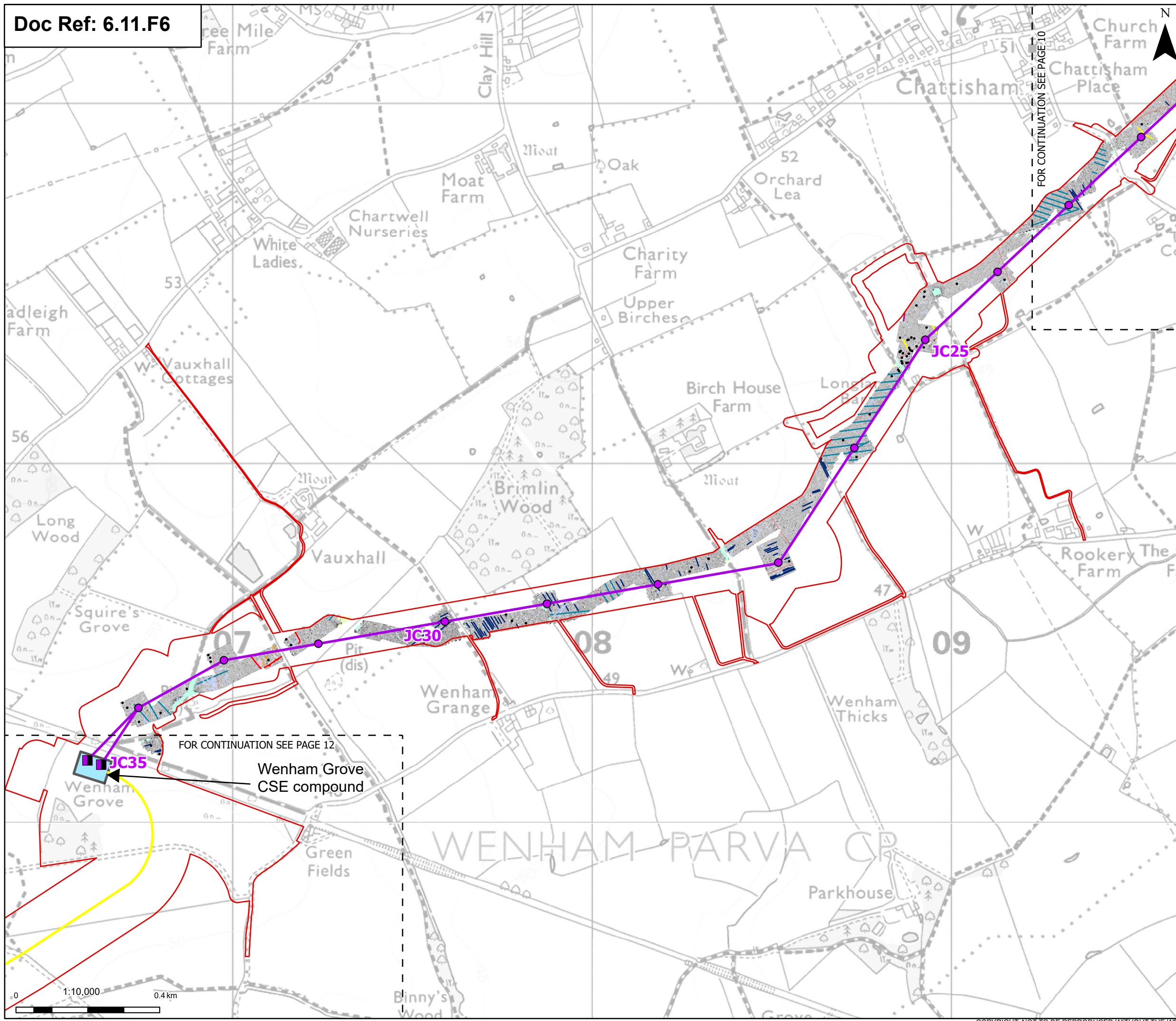
Planning Inspectorate App Number: EN020027
Regulation 5(2)(a)&(m)

Title:
Figure 11.6 - Historic Environment -
Phase 2 Geophysical Survey
Preliminary Results
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Designed	L. Bishop	Date	January 2026
Drawn	K. Fischer	Date	January 2026
Checked	A. Fell	Date	January 2026
Approved	K. Burrows	Date	January 2026
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
Accepted as Concept Stage

Drawing Number: 10059280-ARC-EHR-ZZ-DR-ZZ-00881 Revision: A



Order limits (Red line)
Sheet index cutline (Dashed line)
Proposed project design details

- Proposed full line tension gantry (Purple line)
- Proposed standard lattice pylon location (Purple dot)
- Proposed overhead line alignment (Purple line)
- Proposed underground cable alignment (Yellow line)
- Proposed cable sealing end compound (Blue shaded area)

Geophysical Interpretation

- Natural (Light blue)
- Archaeology (Red)
- Possible Archaeology (Orange)
- Uncertain (Yellow)
- Magnetic Disturbance (Above Ground) (Light green)
- Magnetic Disturbance (Below Ground) (Light green)
- Natural (Light blue)
- Quarry (Pink)

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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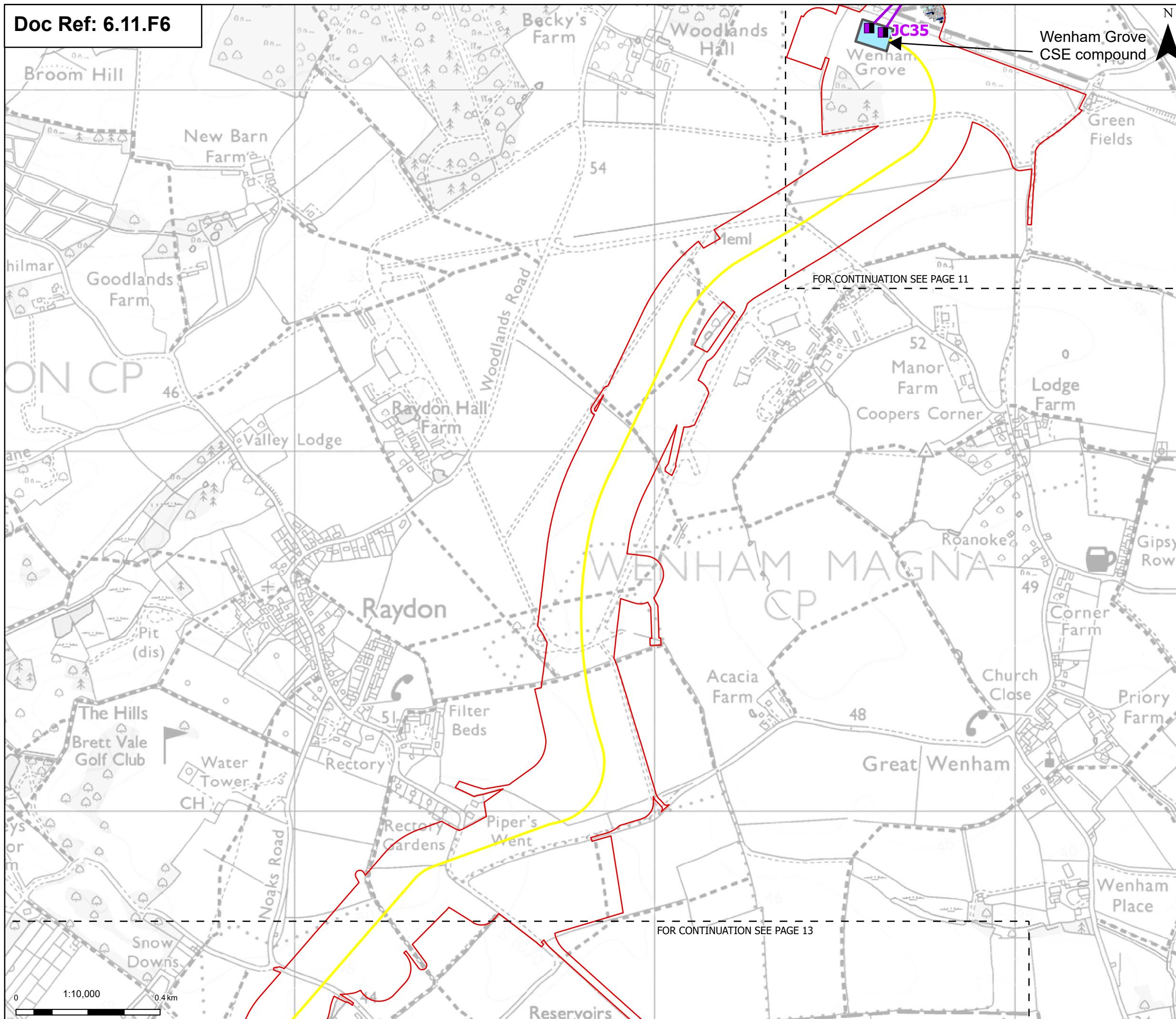
nationalgrid PROJECT: Norwich to Tilbury
 Planning Inspectorate App Number: EN020027
 Regulation 5(2)(a)&(m)

Title:
Figure 11.6 - Historic Environment - Phase 2 Geophysical Survey Preliminary Results Page 11 of 35

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Drawn	K. Fischer	Date	January 2026
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Approved	K. Burrows	Date	January 2026
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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Drawing Number: 10059280-ARC-EHR-ZZ-DR-ZZ-00881 Revision: A

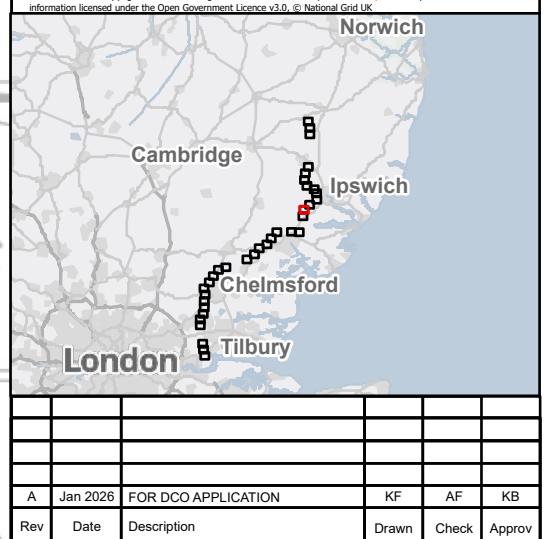


Order limits (Red line)
Sheet index cutline (Dashed line)
Proposed project design details (Purple box)
Natural (Blue box)
Magnetic Disturbance (Above Ground) (Green box)
Magnetic Disturbance (Below Ground) (Yellow box)
Proposed full line tension gantry (Purple square)
Proposed overhead line alignment (Purple line)
Proposed underground cable alignment (Yellow line)
Proposed cable sealing end compound (Blue box)
Geophysical Interpretation

- Ferrous Objects
- Agriculture

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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Rev Date Description Drawn Check Approv

PROJECT: nationalgrid Norwich to Tilbury

Planning Inspectorate App Number: EN020027

Regulation 5(2)(a)&(m)

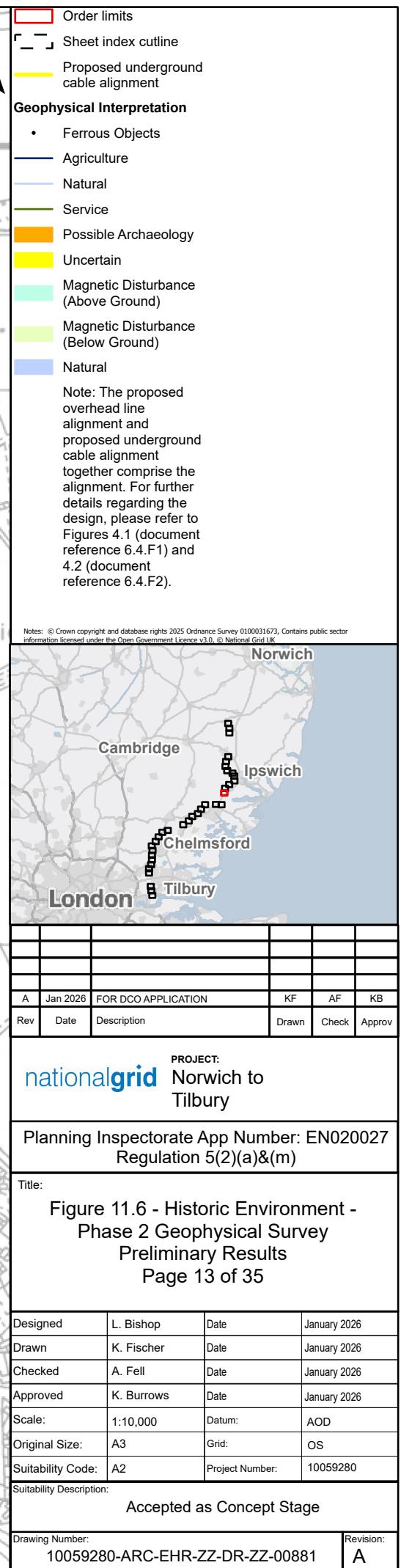
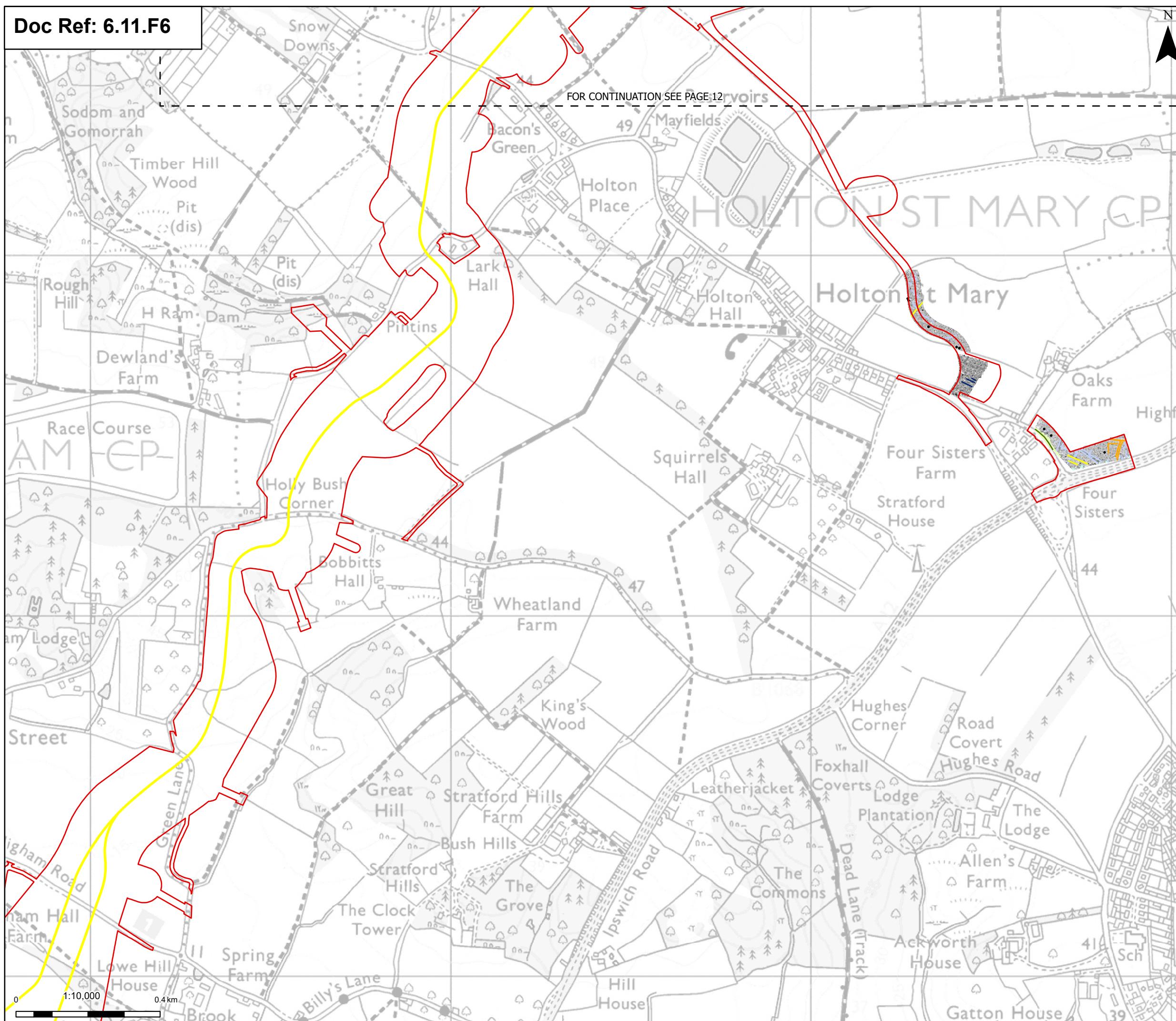
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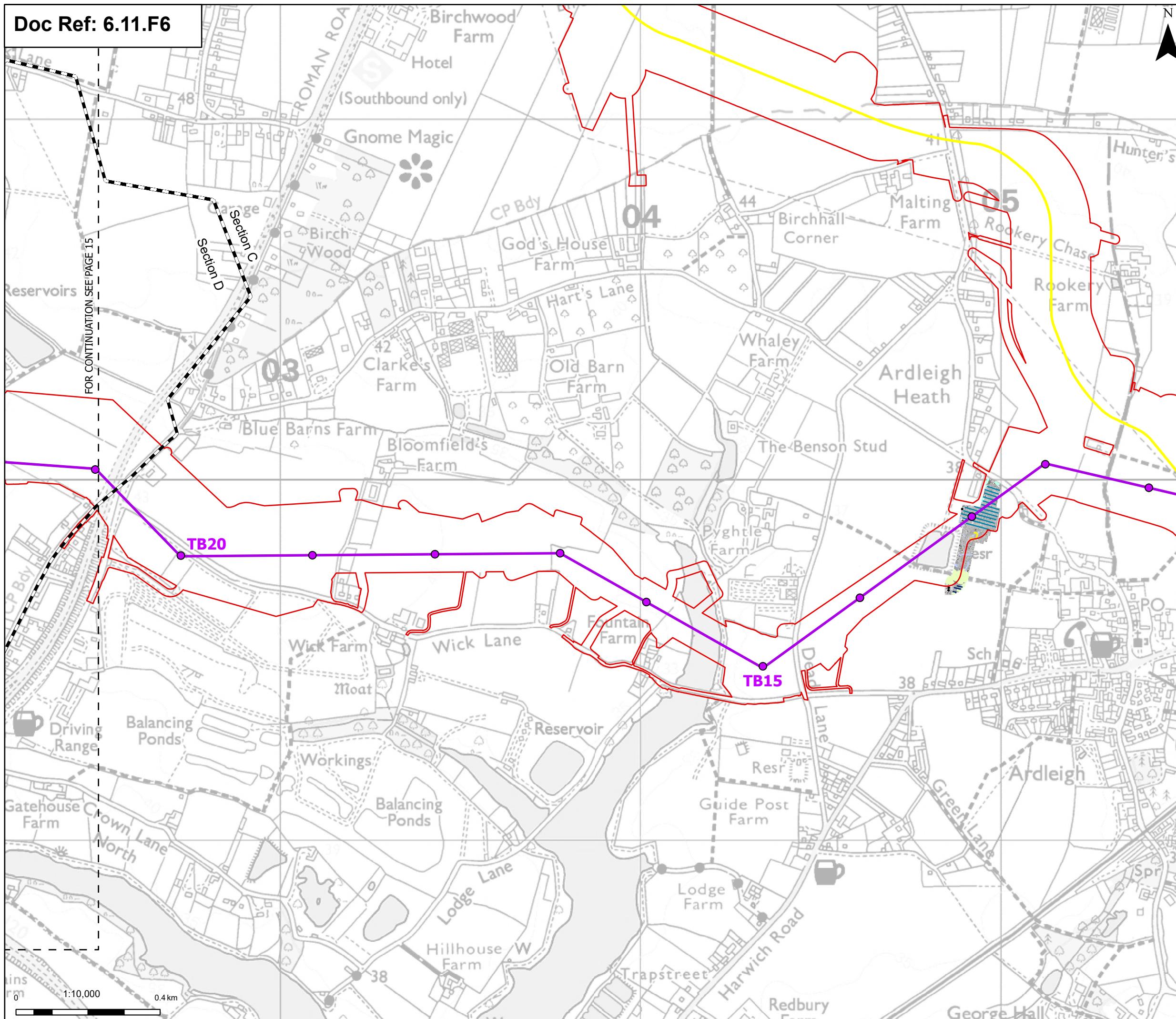
Figure 11.6 - Historic Environment -
Phase 2 Geophysical Survey
Preliminary Results
Page 12 of 35

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Drawn	K. Fischer	Date	January 2026
Checked	A. Fell	Date	January 2026
Approved	K. Burrows	Date	January 2026
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description: Accepted as Concept Stage

Drawing Number: 10059280-ARC-EHR-ZZ-DR-ZZ-00881 Revision: A





Order limits (Red line)
Uncertain (Yellow line)
Project section line (Dashed line)
Sheet index cutline (Dashed line with arrows)
Proposed project design details
 • Proposed standard lattice pylon location (Purple dot)
 • Proposed overhead line alignment (Purple line)
 • Proposed underground cable alignment (Yellow line)
Geophysical Interpretation
 • Ferrous Objects
 • Agriculture
 • Field Drain
 • Natural

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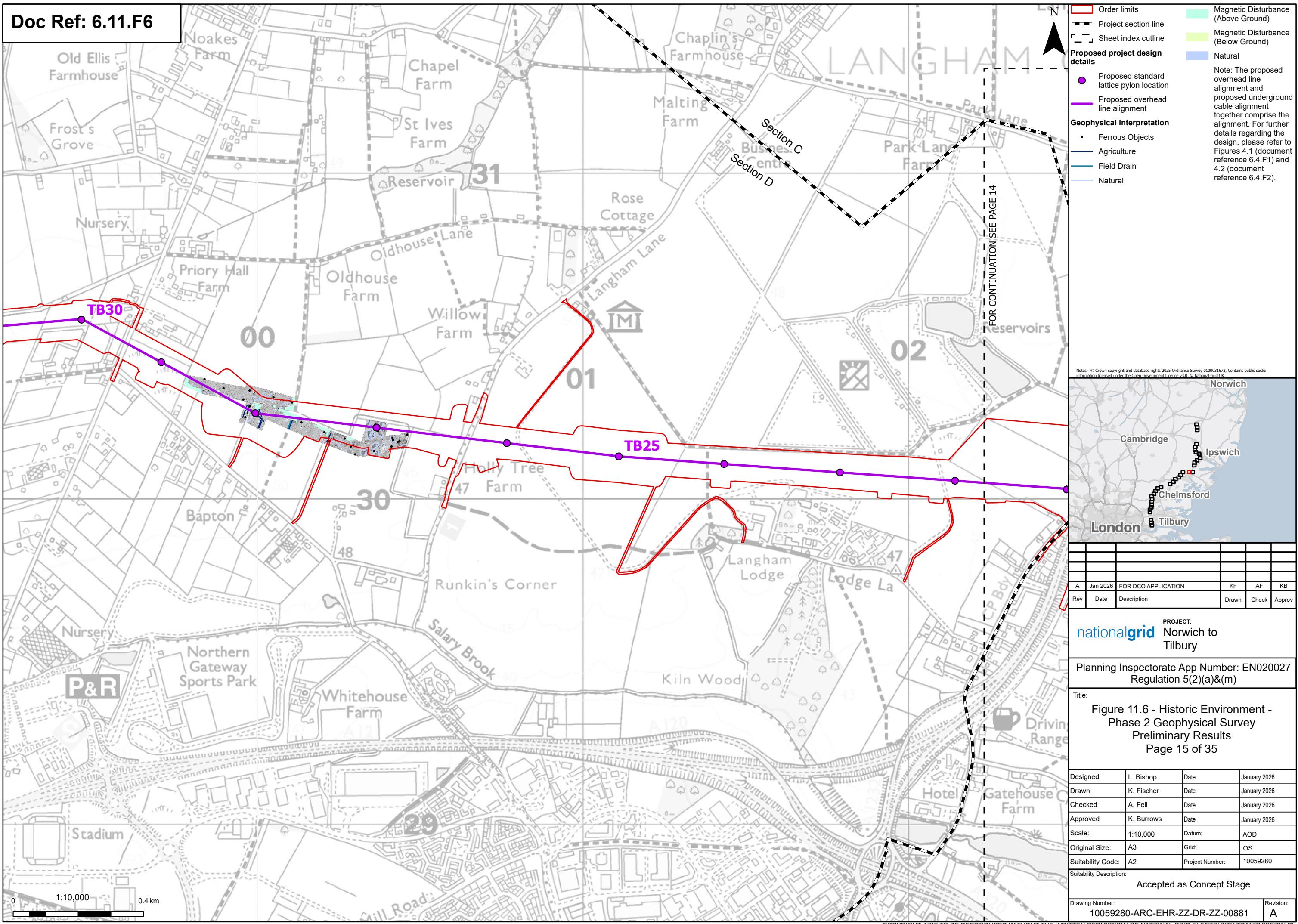
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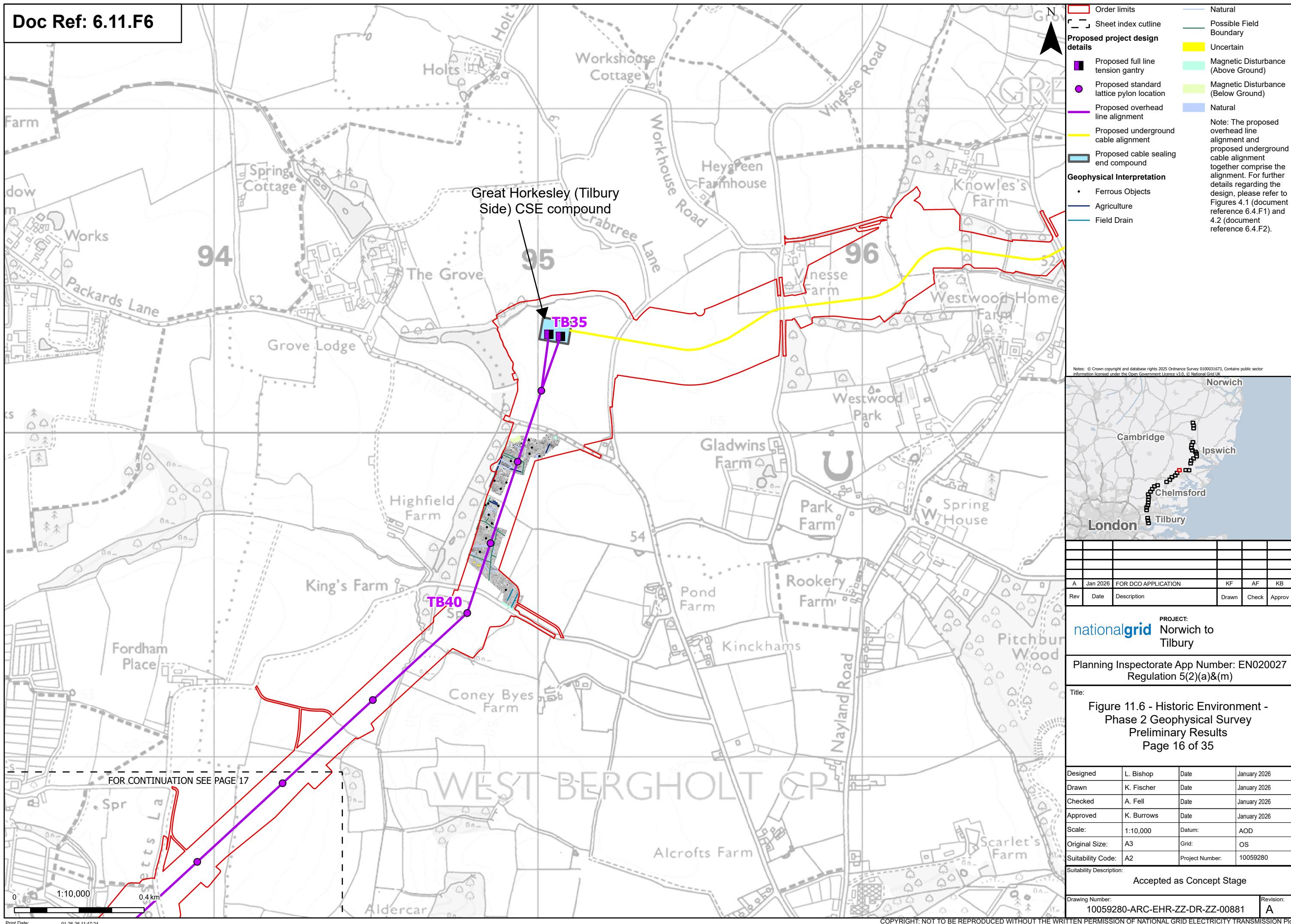
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 Phase 2 Geophysical Survey
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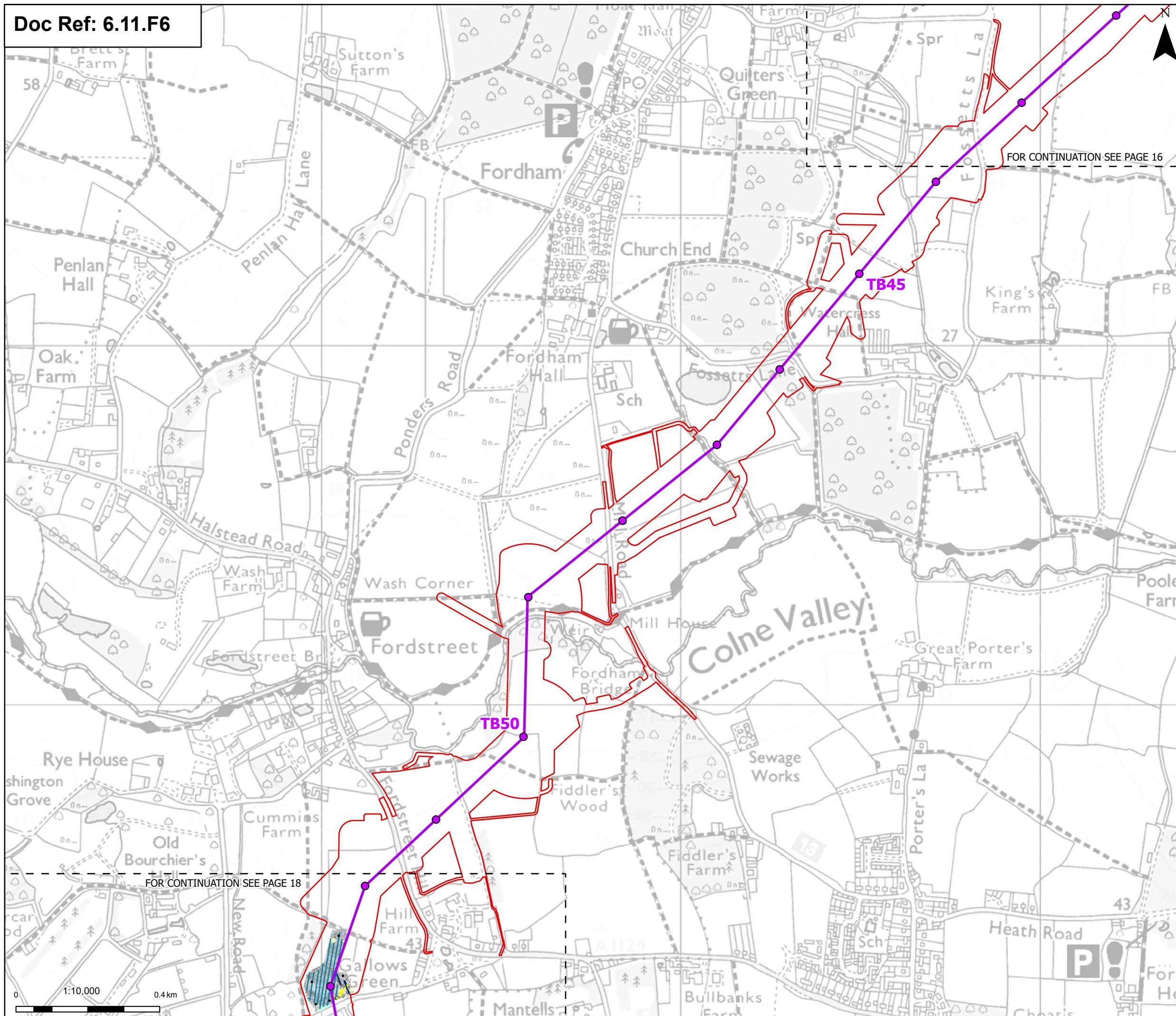
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:
 Accepted as Concept Stage
 Drawing Number: 10059280-ARC-EHR-ZZ-DR-ZZ-00881 Revision: A

Doc Ref: 6.11.F6







Order limits **Magnetic Disturbance (Above Ground)**
Sheet index cutline **Magnetic Disturbance (Below Ground)**
Proposed project design details **Natural**
 Proposed standard lattice pylon location
 Proposed overhead line alignment
 Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

Geophysical Interpretation

• Ferrous Objects

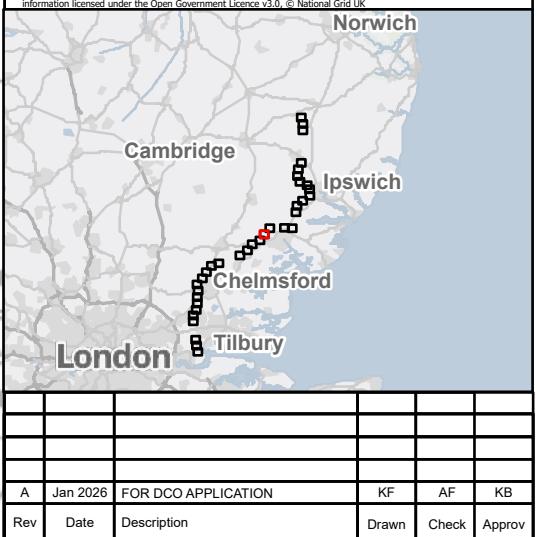
— Agriculture

— Field Boundary

— Field Drain

■ Uncertain

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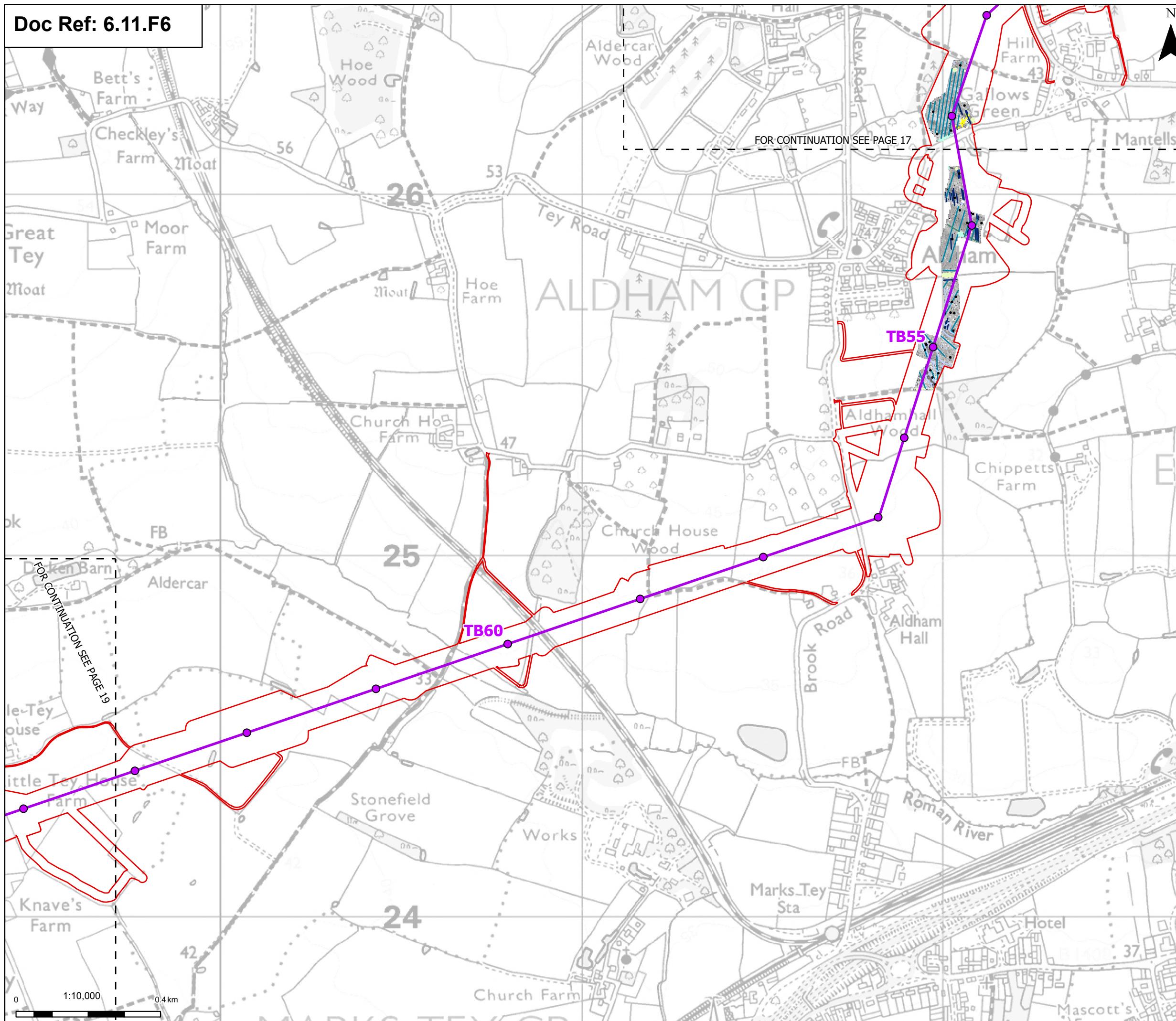
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 Figure 11.6 - Historic Environment -
 Phase 2 Geophysical Survey
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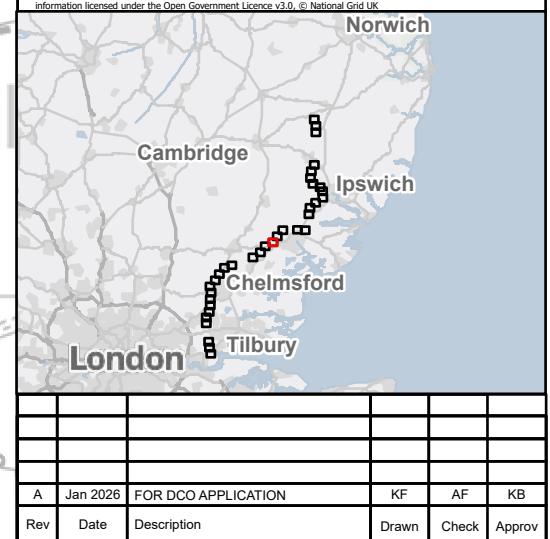
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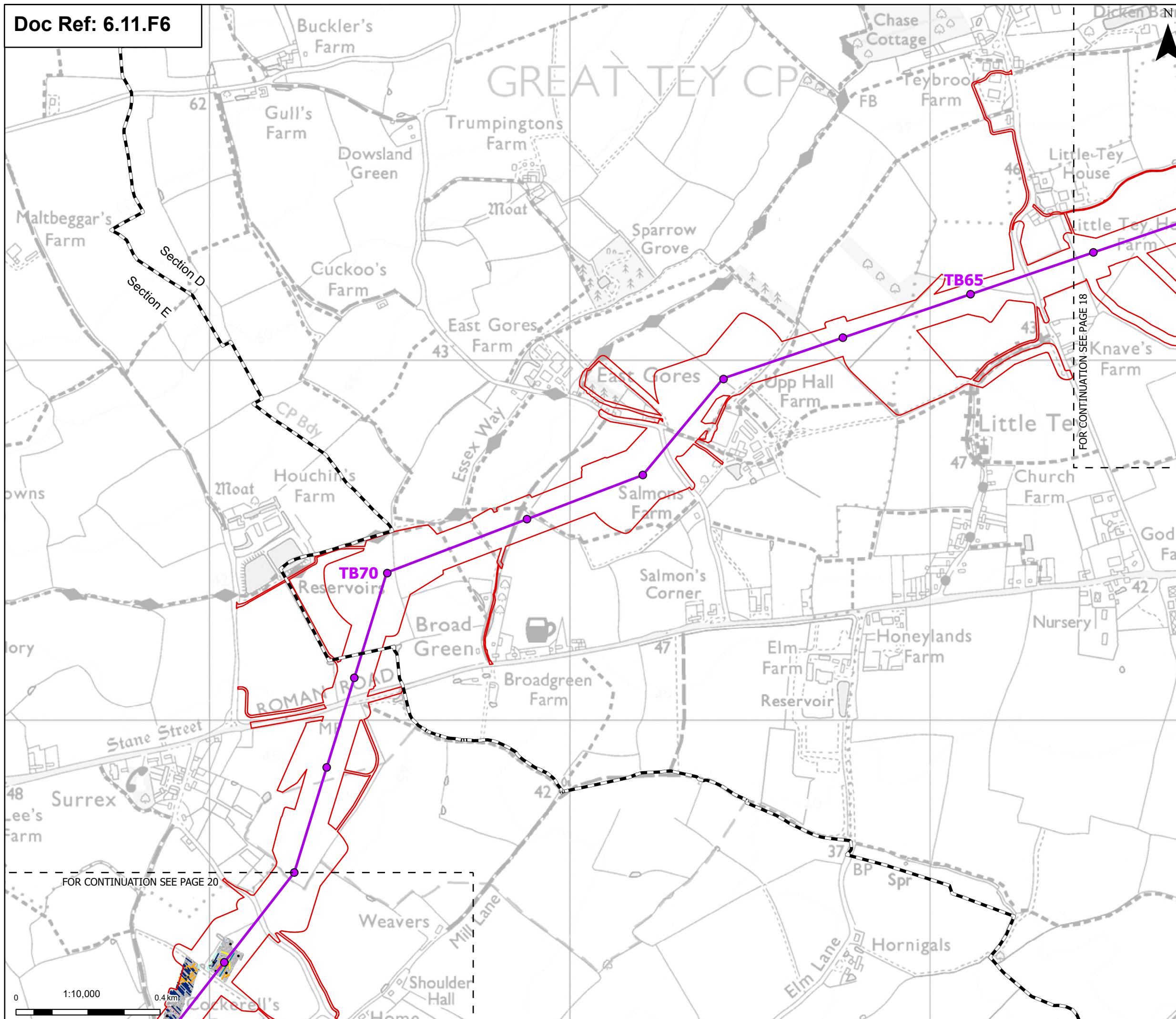


Order limits	Uncertain
Sheet index cutline	Magnetic Disturbance (Above Ground)
Proposed project design details	Magnetic Disturbance (Below Ground)
Proposed standard lattice pylon location	Natural
Proposed overhead line alignment	Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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Title:					
Figure 11.6 - Historic Environment - Phase 2 Geophysical Survey Preliminary Results Page 18 of 35					
Designed	L. Bishop	Date	January 2026		
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Checked	A. Fell	Date	January 2026		
Approved	K. Burrows	Date	January 2026		
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Suitability Code:	A2	Project Number:	10059280		
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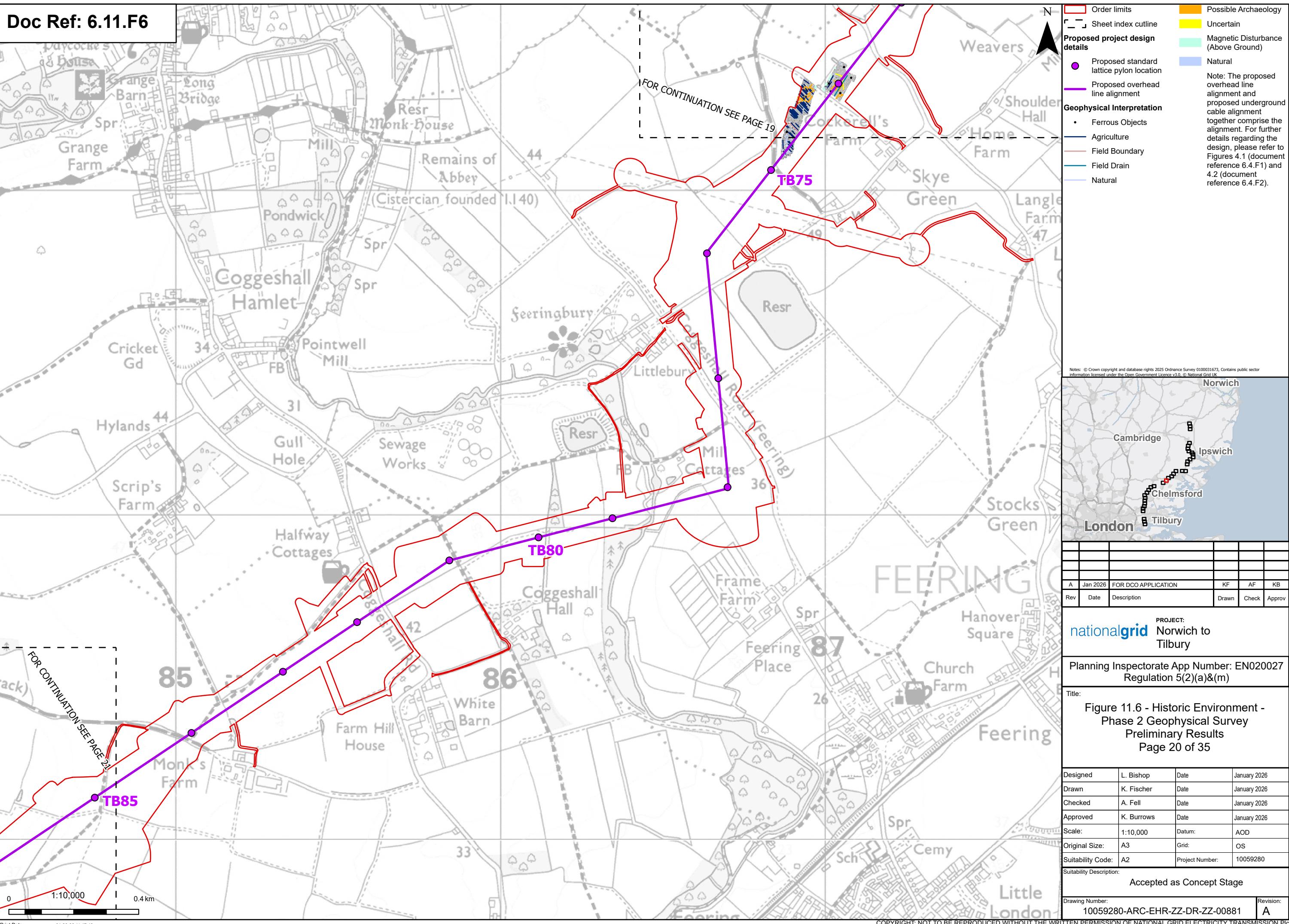
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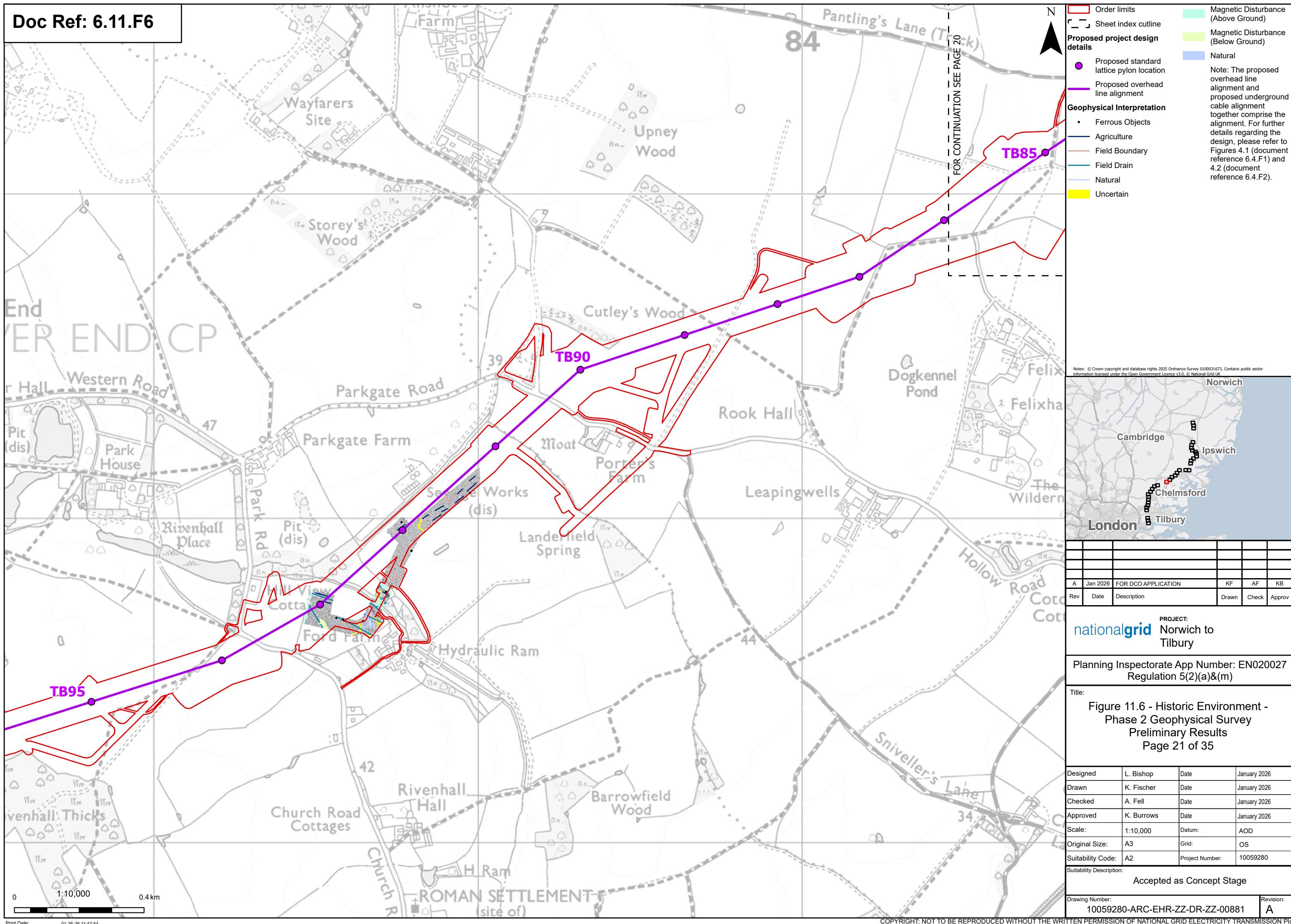
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Figure 11.6 - Historic Environment -
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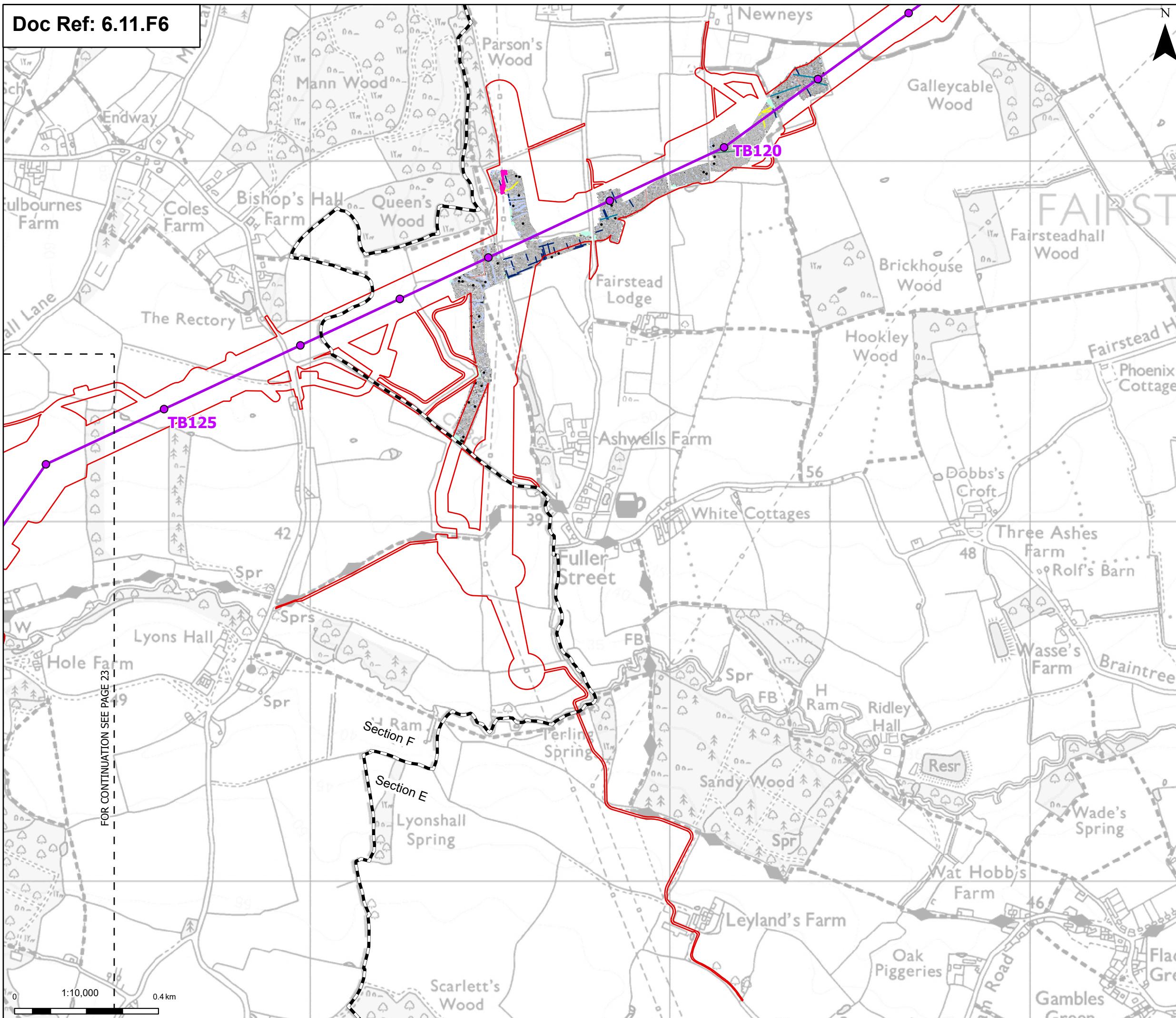
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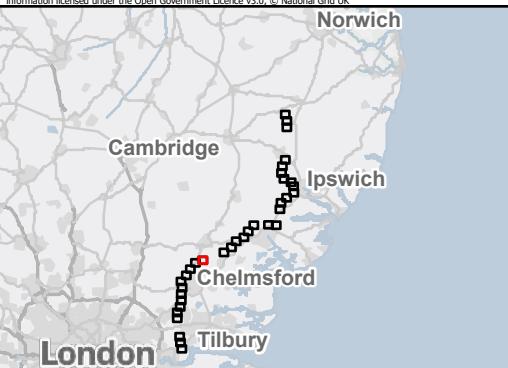
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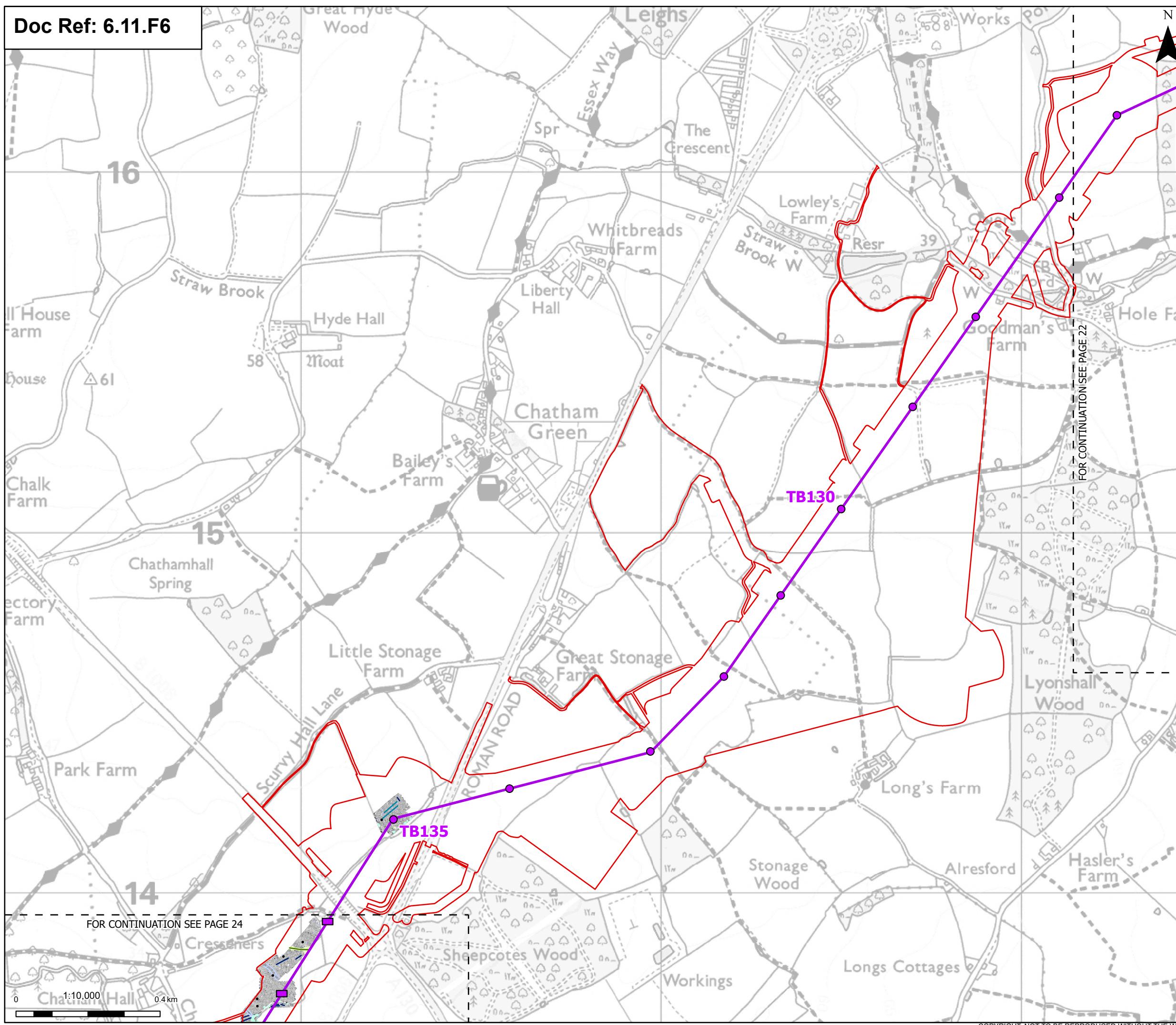
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Title:
**Figure 11.6 - Historic Environment -
Phase 2 Geophysical Survey
Preliminary Results
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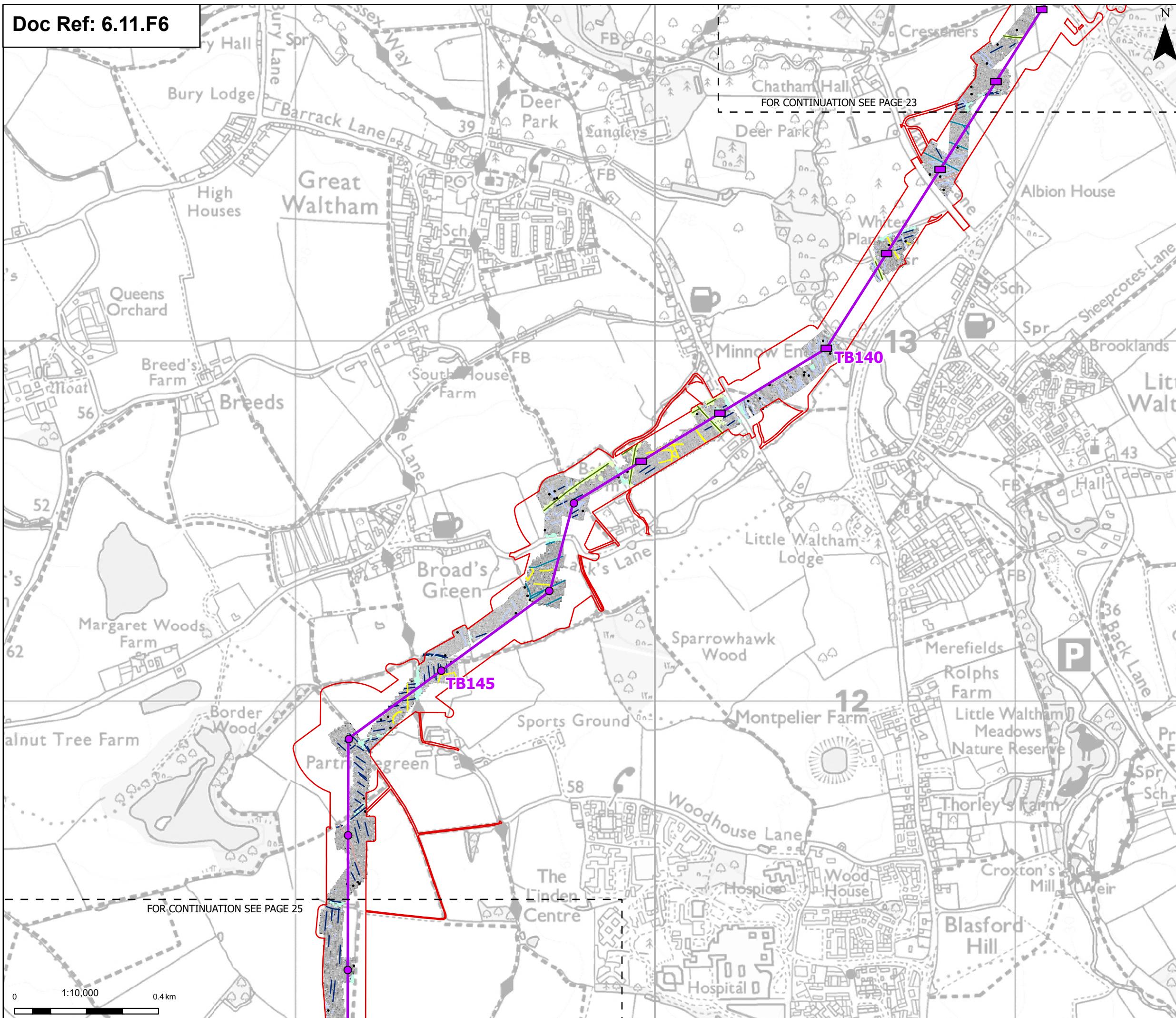
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Acceptability Description: Accepted as Concept Stage

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Order limits		Service																													
Sheet index cutline		Magnetic Disturbance (Above Ground)																													
Proposed project design details		Magnetic Disturbance (Below Ground)																													
Proposed low height pylon location		Natural																													
Proposed standard lattice pylon location		Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).																													
Proposed overhead line alignment																															
Geophysical Interpretation <ul style="list-style-type: none"> Ferrous Objects Agriculture Field Drain Natural 																															
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Planning Inspectorate App Number: EN020027 Regulation 5(2)(a)&(m)																															
Title: Figure 11.6 - Historic Environment - Phase 2 Geophysical Survey Preliminary Results Page 23 of 35																															
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Drawing Number: 10059280-ARC-EHR-ZZ-DR-ZZ-00881 Revision: A																															



Service
 Uncertain
 Magnetic Disturbance (Above Ground)
 Magnetic Disturbance (Below Ground)
 Natural

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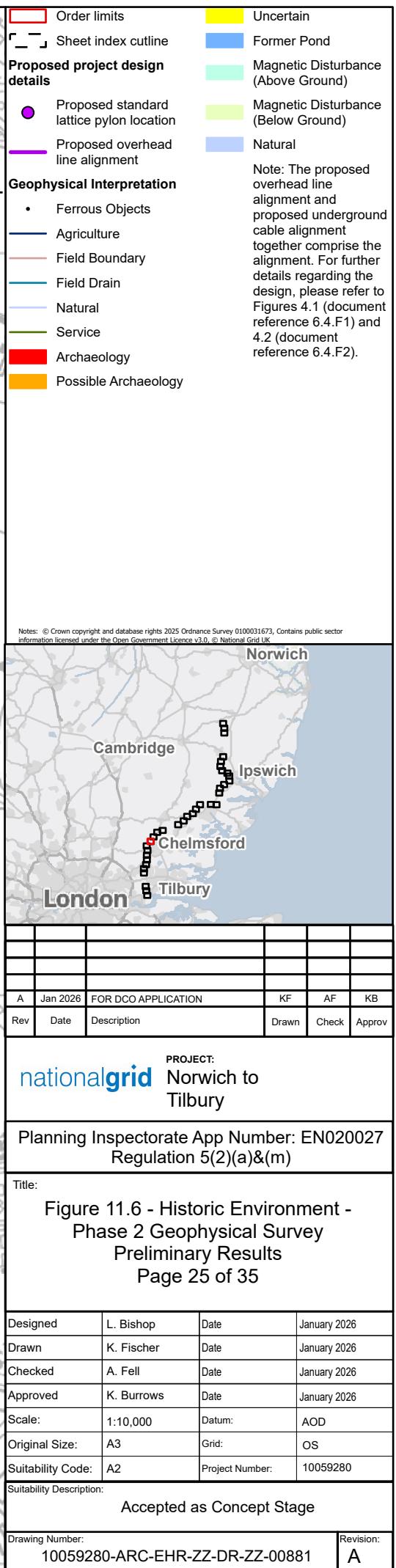
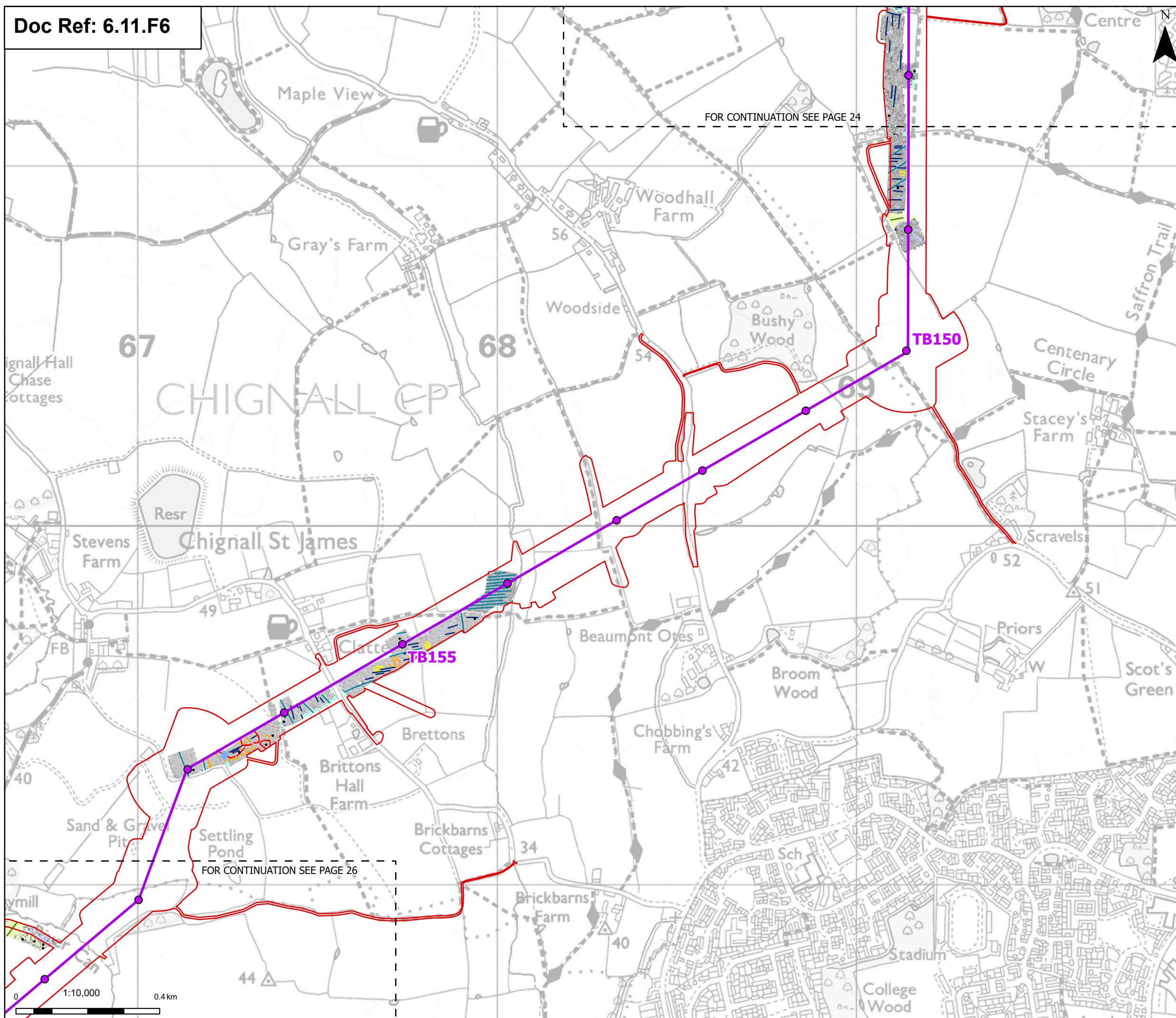
Planning Inspectorate App Number: EN020027
Regulation 5(2)(a)&(m)

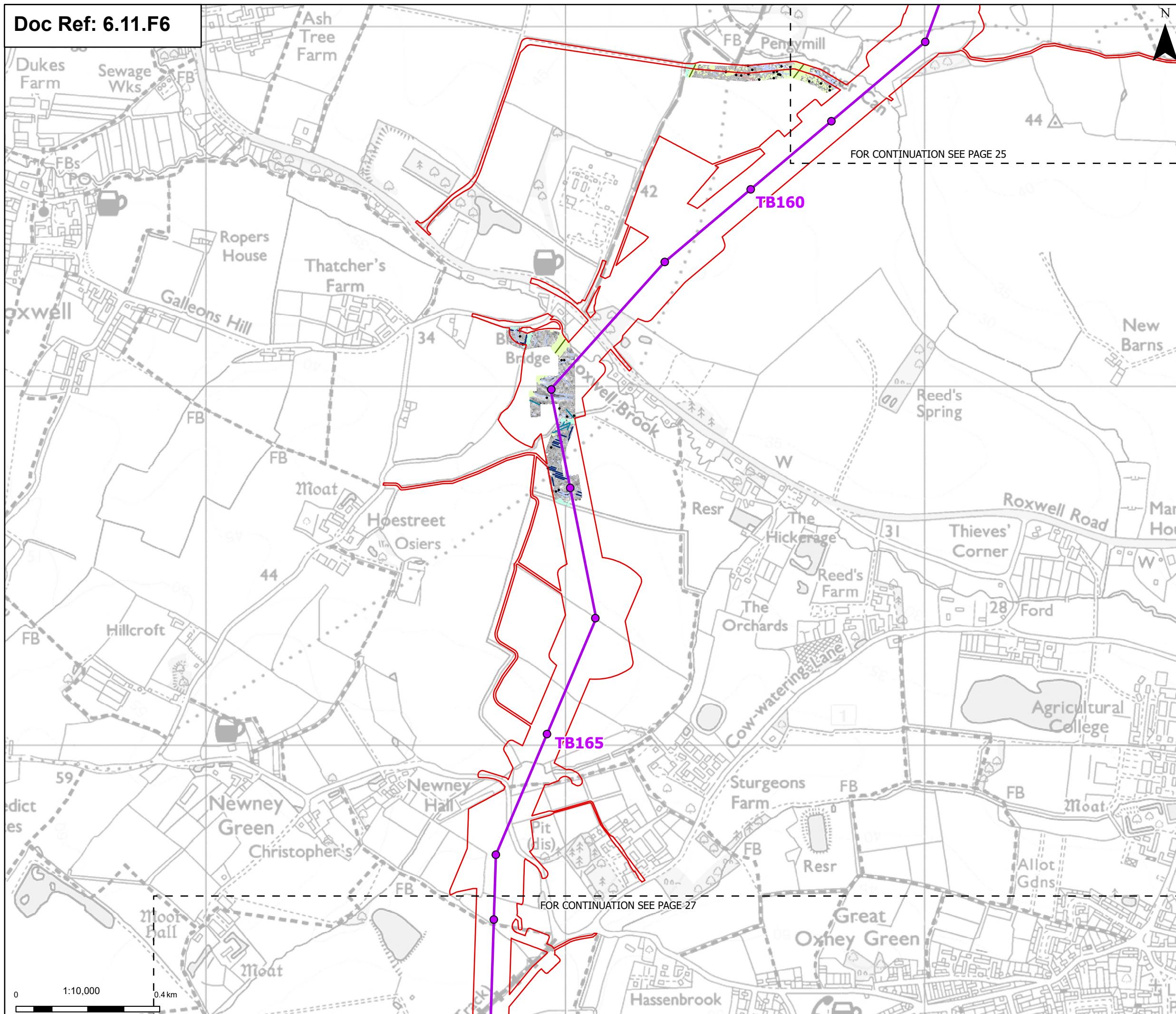
Title:
Figure 11.6 - Historic Environment -
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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Order limits **Magnetic Disturbance (Above Ground)**
Sheet index cutline **Magnetic Disturbance (Below Ground)**
Proposed project design details **Natural**
Proposed standard lattice pylon location
Proposed overhead line alignment
Geophysical Interpretation
 • Ferrous Objects
 Agriculture
 Field Boundary
 Field Drain
 Natural
 Service

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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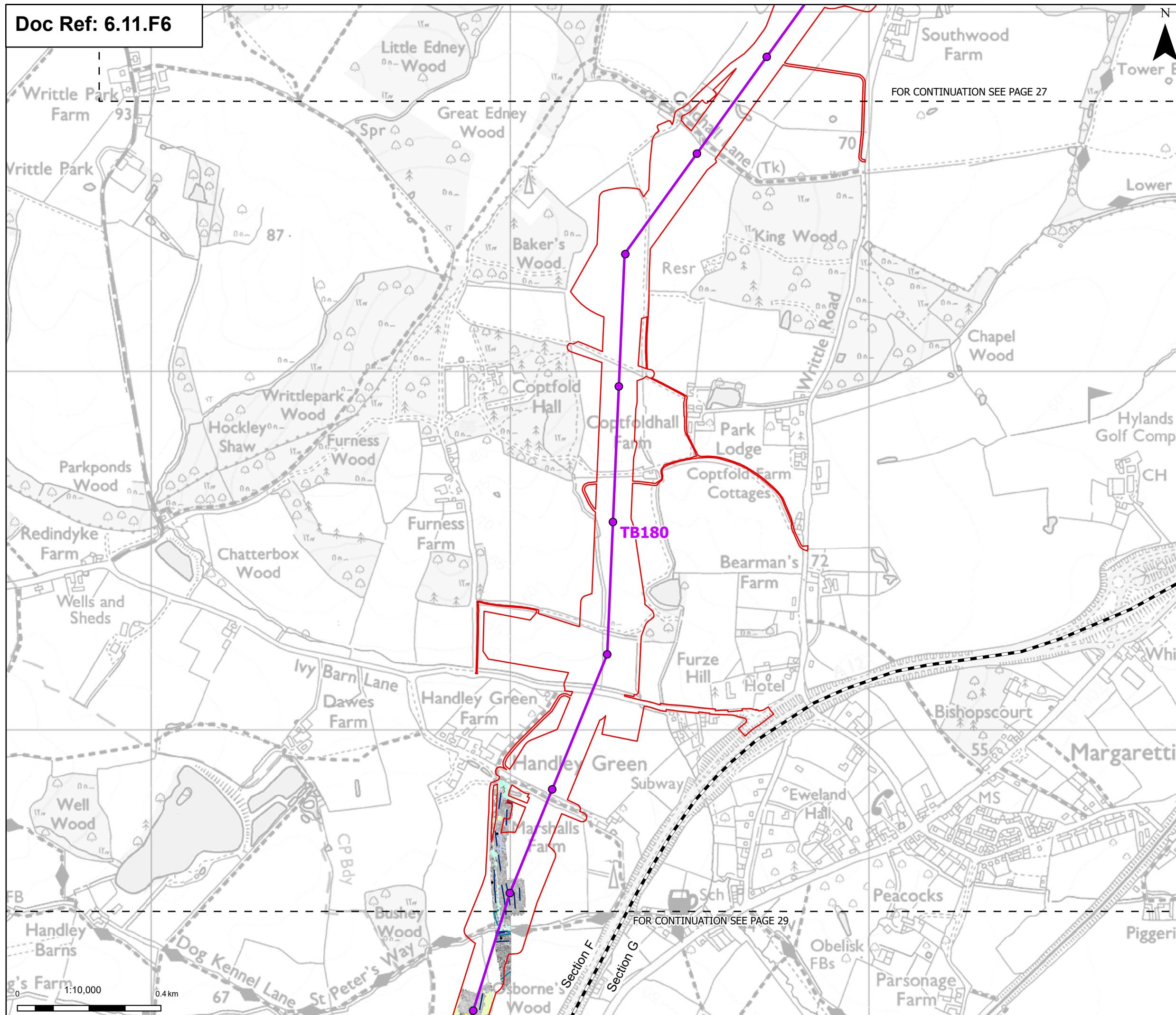
PROJECT: nationalgrid Norwich to Tilbury
Planning Inspectorate App Number: EN020027
Regulation 5(2)(a)&(m)

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Suitability Description: Accepted as Concept Stage

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Legend:

- Order limits
- Magnetic Disturbance (Above Ground)
- Project section line
- Magnetic Disturbance (Below Ground)
- Sheet index cutline
- Natural

Proposed project design details:

- Proposed standard lattice pylon location
- Proposed overhead line alignment

Geophysical Interpretation:

- Ferrous Objects
- Agriculture
- Field Drain
- Natural
- Uncertain

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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Planning Inspectorate App Number: EN020027

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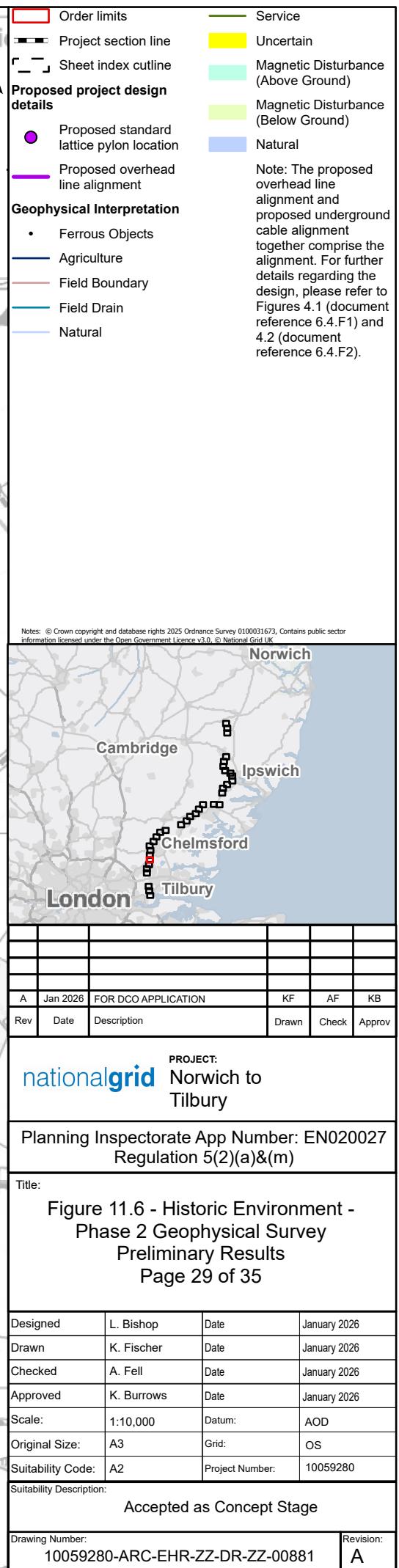
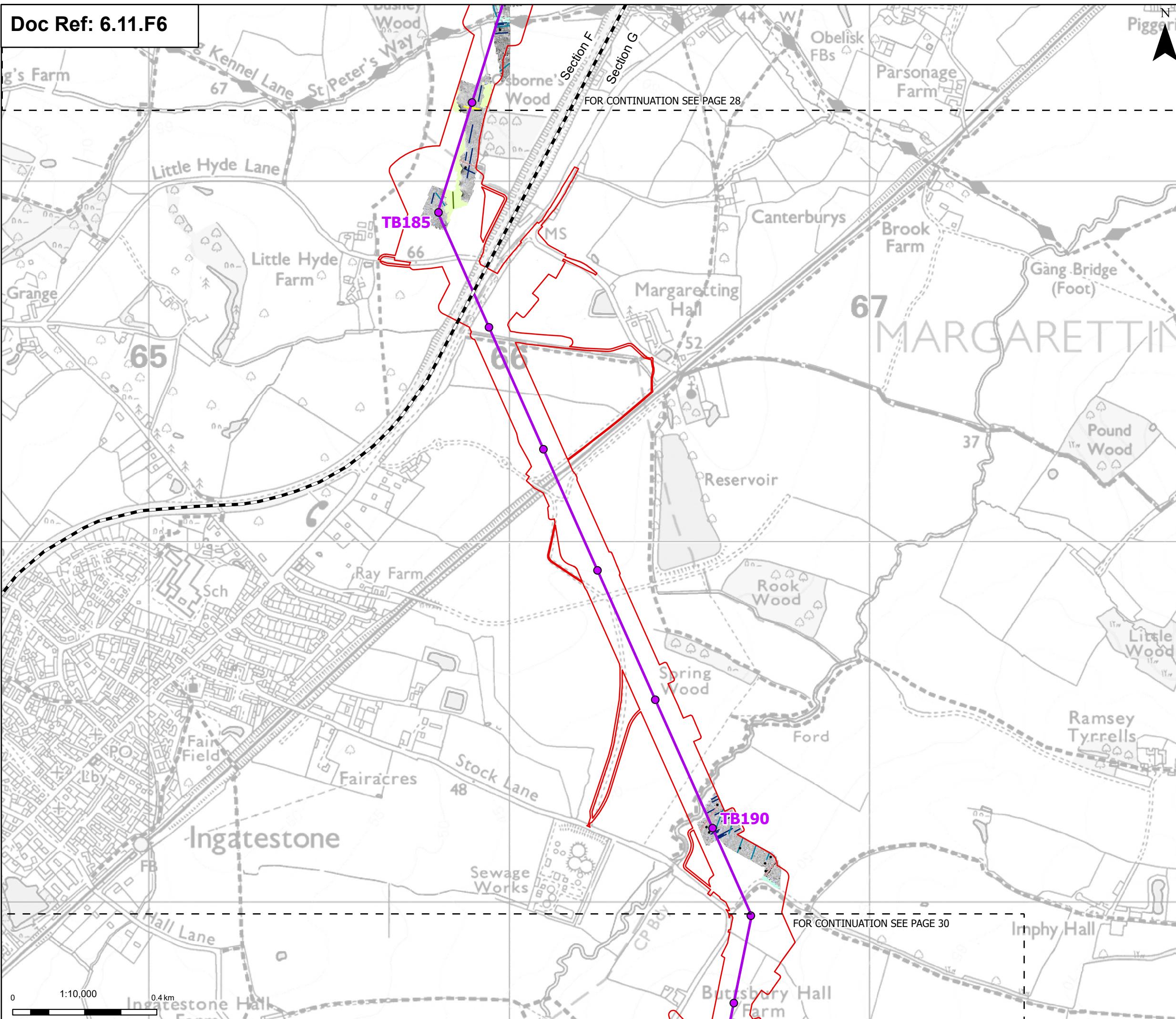
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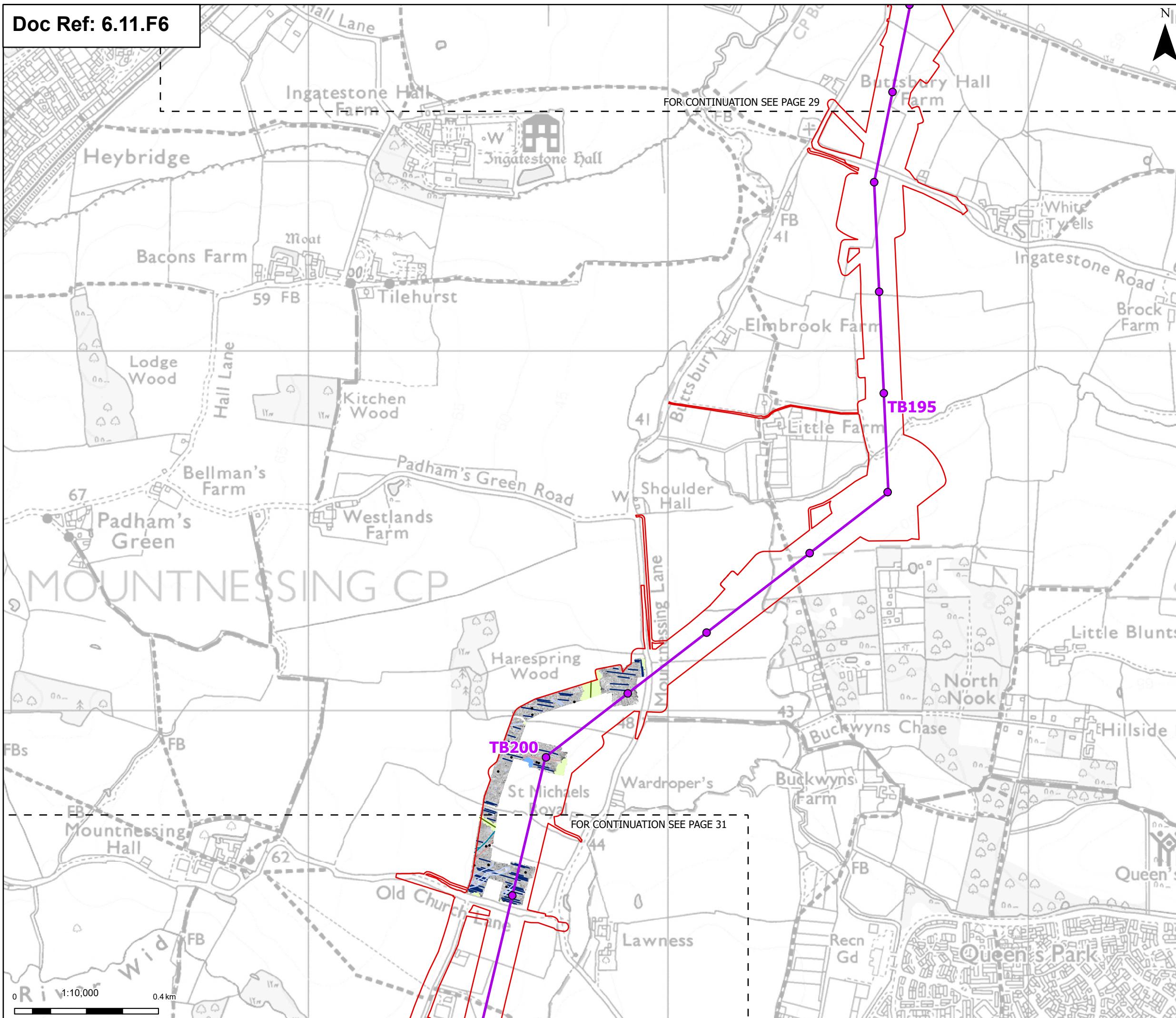
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Suitability Code:	A2	Project Number:	10059280

Suitability Description: Accepted as Concept Stage

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Order limits (Red line)
Sheet index cutline (Dashed line)
Proposed project design details
 • **Proposed standard lattice pylon location** (Purple dot)
 • **Proposed overhead line alignment** (Purple line)
Geophysical Interpretation
 • Ferrous Objects
 • Agriculture
 • Field Boundary
 • Field Drain
 • Natural

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).

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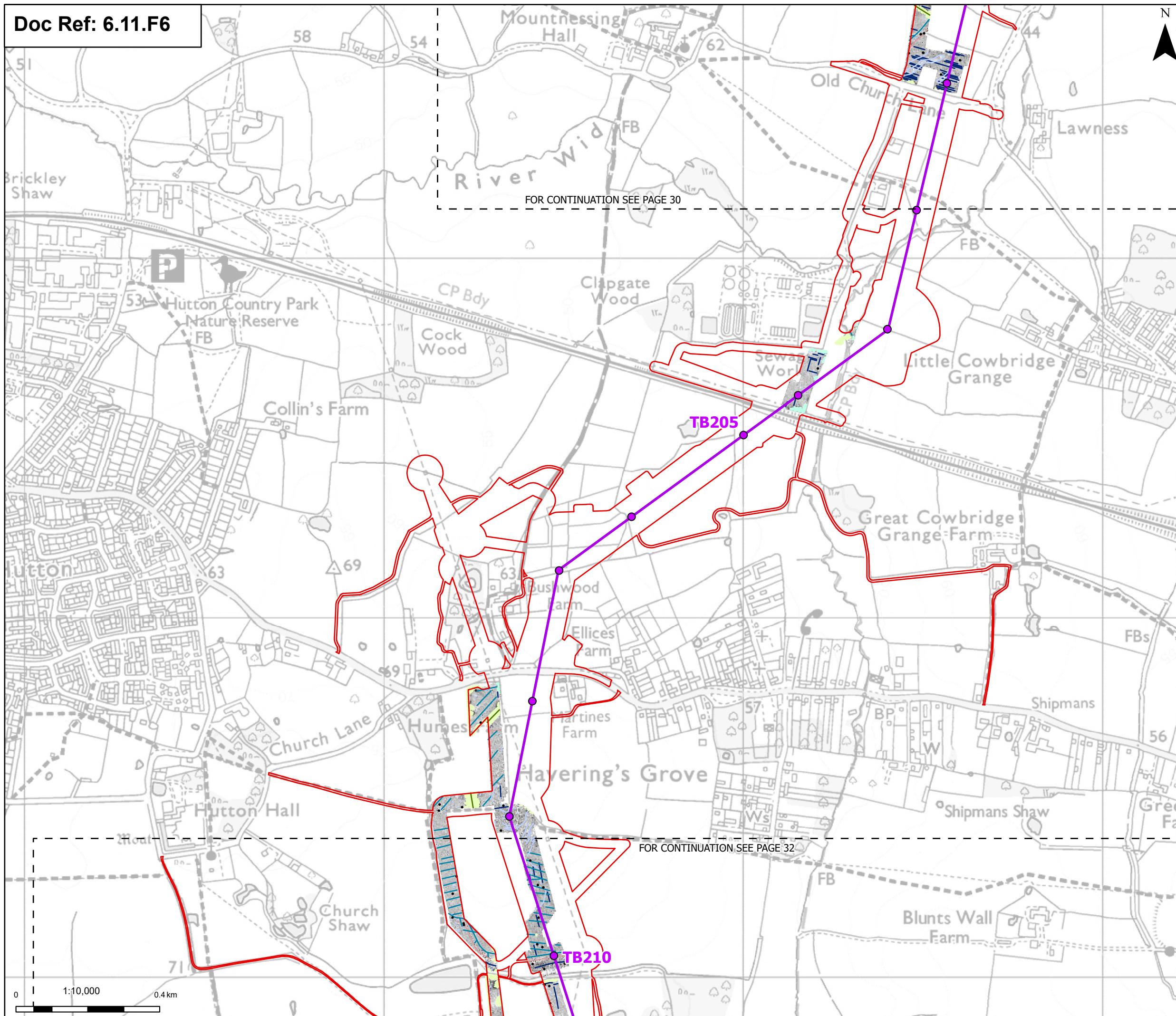
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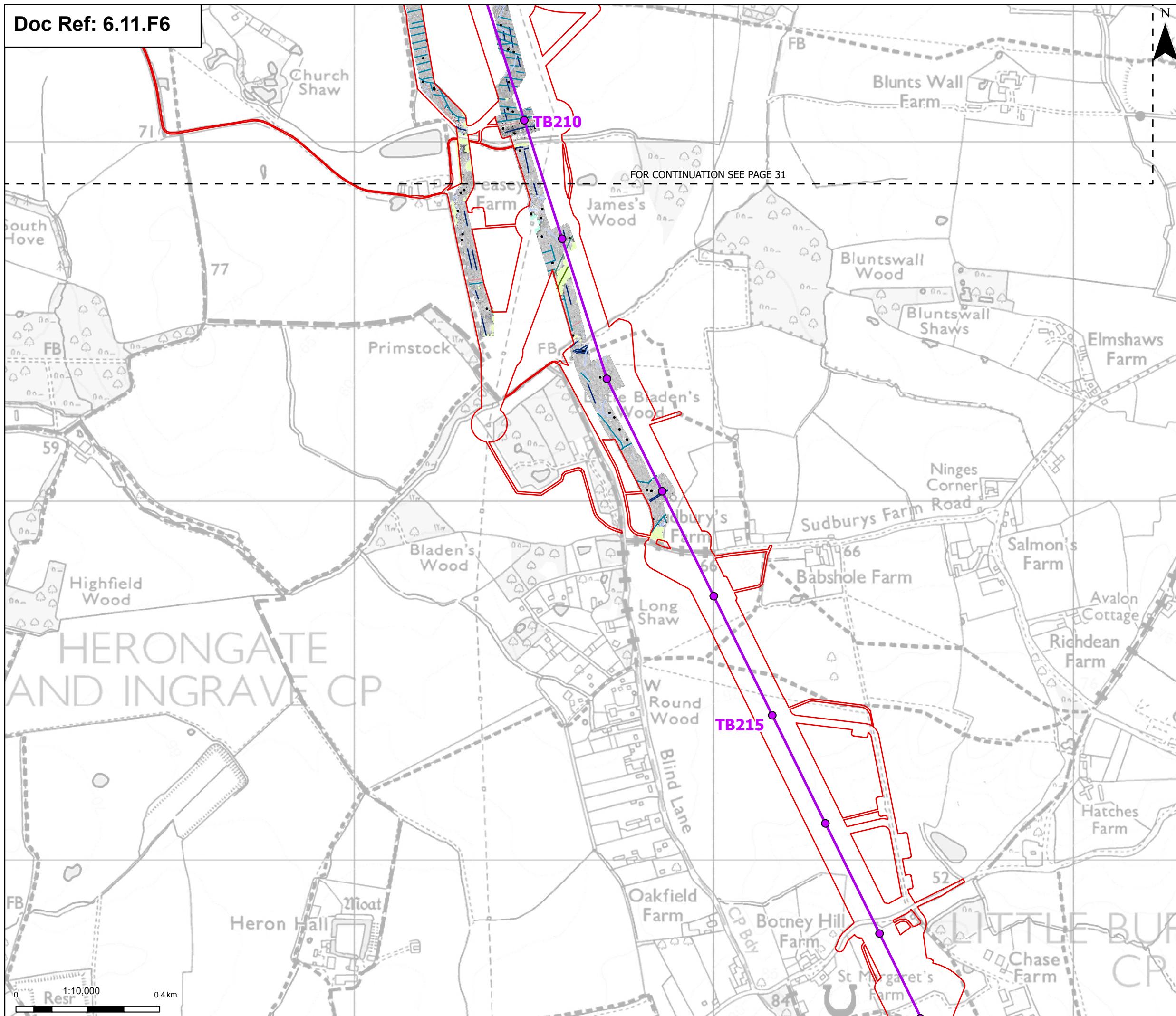
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Order limits	Service
Sheet index cutline	Magnetic Disturbance (Above Ground)
Proposed project design details	
Proposed standard lattice pylon location	Magnetic Disturbance (Below Ground)
Proposed overhead line alignment	Natural
Geophysical Interpretation	
• Ferrous Objects	Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment. For further details regarding the design, please refer to Figures 4.1 (document reference 6.4.F1) and 4.2 (document reference 6.4.F2).
• Agriculture	
• Field Boundary	
• Field Drain	
• Natural	
• Possible Field Boundary	

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