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Norwich to Tilbury

Volume 6: Environmental Statement

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<u>A</u>	<u>29 August 2025</u>	<u>DCO Application</u>
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1. Introduction

1.1 Background

- 1.1.1 This report has been produced as an appendix to Chapter 8: Ecology and Biodiversity (document reference 6.8) [\(Rev B\)](#) of the Environment Statement (ES) (Volume 6 of the Development Consent Order (DCO) application) for Norwich to Tilbury (the 'Project').
- 1.1.2 The ecological background and the scope for badger *Meles meles* surveys is set out in the Environmental Impact Assessment (EIA) Scoping Report (document reference 6.19) and agreed within the EIA Scoping Opinion received from the Planning Inspectorate in December 2022 (document reference 6.20).
- 1.1.3 It is anticipated that badgers are widespread throughout the Order Limits. Badgers may be affected during construction through, for example, habitat loss/fragmentation and loss of/damage to/disturbance of setts which would constitute a breach of legislation.
- 1.1.4 Should consent be granted it is anticipated that construction of the Project would commence in 2027. As small badger setts can appear (as well as be abandoned) at any time, the survey focussed on main badger setts. As agreed through consultation with Natural England with respect to the Project, further badger survey work relating to all other badger setts would be undertaken as part of the pre-construction works, to ensure adherence to legislation and animal welfare. Pre-construction surveys and sett classifications would follow 'Surveying Badgers' (Harris *et al.*, 1989). In compliance with the Protection of Badgers Act 1992, all information related to badger including survey methodology and baseline information is presented in this Confidential Appendix. Release of this document will only be to the Planning Inspectorate, and on request from suitably qualified professionals.
- 1.1.5 The Project has also been sub-divided into eight geographical sections for reader accessibility, based largely on Local Planning Authority boundaries. These are shown on Figure A8.15.1: Badger Records and Badger Sett Locations Recorded Within 2 km of Order Limits in the Last 10 years in Annex A and comprise:
- Section A – South Norfolk Council
 - Section B – Mid-Suffolk District Council
 - Section C – Babergh District Council, Colchester City Council and Tendring District Council
 - Section D – Colchester City Council
 - Section E – Braintree District Council
 - Section F – Chelmsford City Council and Brentwood District Council
 - Section G – Basildon Borough Council and Brentwood Borough Council (and part of Chelmsford City Council)
 - Section H – Thurrock Council.

1.2 Brief and Objectives

- 1.2.1 The brief of the survey work was to obtain baseline data to inform the impact assessment for the Project; this was achieved by undertaking the following:
- A desk study for badger, looking at existing data available
 - A robust badger survey to determine the locations of main badger setts within, or in proximity to, the Order Limits.
- 1.2.2 Focussing on the locations of conspicuous main setts has ensured that changes in design have been made to avoid effects and identify suitable mitigation. A pre-construction survey would be undertaken to locate all sett types and collate up to date information on activity status.

1.3 Study and Survey Area

- 1.3.1 The Study Area for the desk study outlined in Section 3.1, is defined as the land within the Order Limits and a 2 km buffer from the Order Limits.
- 1.3.2 The Survey Area for the badger survey work is defined as the land within the Order Limits and a 30 m buffer from the Order Limits, as shown on Figure A8.15.2: Badger Sett Locations (Rev B) in Annex A.

2. Relevant Legislation and Policy

2.1 Legal Compliance

2.1.1 Surveys and assessments have been undertaken in accordance with current legislation in the context of the Project. A summary of the relevant legislation is provided in Table A8.15.1.

Table A8.15.1 Legal compliance

Legislation	Details
Protection of Badgers Act (1992)	Badger and their setts are protected under the Protection of Badgers Act (1992). This protects badgers and their setts by making it an offence to: • Wilfully kill, injure, or take a badger • Damage a badger sett or any part of it • Destroy a badger sett • Obstruct access to, or any entrance of, a badger sett • Disturb a badger when it is occupying a badger sett. A licence from Natural England is required for any activity that would result in obstruction, disturbance, or closure (temporarily or permanently) of an active sett. If a main sett requires closure, mitigation must be provided usually involving the construction of an artificial sett along with proof of uptake by badgers.

2.2 Planning Policy

2.2.1 Chapter 8: Ecology and Biodiversity (document reference 6.8) [\(Rev B\)](#) provides further details of relevant planning policy.

3. Methodology

3.1 Desk Study

- 3.1.1 The baseline assessment for badger consists of obtaining available data for badger records and known sett locations within the Study Area. Data requests for badger activity, consisting of records of both individuals and setts, have been made to four local environmental record centres (LERCs) or ecological groups that the Order Limits pass through to provide information to support the baseline assessment. These were:
- Norfolk Biodiversity Information Service
 - Suffolk Biodiversity Information Service
 - Essex Field Club
 - North- East Essex Badger Group.
- 3.1.2 This baseline data was used to confirm the presence of badgers across the Project, and therefore updated data was not required to be obtained subsequent to this.
- 3.1.3 Any individual badger records over 10 years old were omitted from the results as per the national guidance (Department for Environment, Food and Rural Affairs; DEFRA, 2024).
- 3.1.4 In addition, a review of freely available aerial photography (Google, 2025) images has allowed habitats within the Order Limits to be assessed in a wider (landscape-scale) context; identification of potential wildlife corridors or barriers to animal movements (e.g., road networks, built development and major watercourses); and a review of changes to habitats over time so that an assessment of reliability/longevity can be made.

3.2 Survey Methods

- 3.2.1 The surveys (completed in conjunction with the habitat walkover surveys) consisted of a systematic search of all areas within the Survey Area (i.e., the Order Limits and up to a 30 m buffer outside of this) with a primary focus on searching for main setts. Data recorded included:
- Location of main sett
 - Classification of the sett type (main) and if it is clearly active or inactive
 - Total number of entrances
 - Entrance usage status (well-used, partially used, or disused)
 - General direction of tunnel(s) from the entrance
 - Limitations or constraints to surveying.

3.2.2 As a secondary survey focus, other sett types and clear signs of badger activity were recorded incidentally if discovered such as:

- Sett type - Annexe, subsidiary, and outlier setts
- Latrines
- Badger hairs
- Badger footprints
- Pathways evidently used by badger
- Carcasses
- Scratching posts
- Foraging signs (snuffle holes)
- Evidence of persecution.

3.2.3 Where possible, setts were classified using the criteria and best practice guidance provided in 'Surveying Badgers' (Harris et al., 1989). The classification criteria are given below:

- Main setts – a large well established, extensive sett with many entrances (usually more than seven) and conspicuous spoil heaps. Well-used paths from and between sett entrances. There is only one main sett per social group of badger. This is where the cubs are most likely to be born
- Annexe setts – occur in close association with the main sett, normally less than 150 m from the main sett, and are usually linked to the main sett by clear well-used paths. They usually have multiple entrances, but they may not be in use all the time. If a second litter of cubs are born, they will be reared here
- Subsidiary setts – these often have between three and five holes, are normally over 50 m from a main sett and are not linked by clear paths. These setts are not continually active
- Outlier setts – these usually have between one and three holes, have small spoil heaps, and are sporadically used. Fox *Vulpes vulpes* and rabbit *Oryctolagus cuniculus* may move in.

3.2.4 An assessment of the activity at each sett was undertaken; the following categories were assigned to each:

- Active: at least some entrances are clearly active, indicating an overall active sett. Active entrances are mostly clear of debris and vegetation, with smoothed walls and are obviously well-used or partially used. Partially used entrances could come into regular use with minimal clearance
- Inactive: all entrances have not been used for some time and may be partially or completely blocked by naturally accumulated debris such as leaves, twigs, and earth
- Unknown: setts with all entrances either not obviously in regular use or not obviously long disused, making it ambiguous as to whether the sett is active or not.

3.2.5 Badger setts that were recorded incidentally during other targeted ecological surveys have also been included in this report. All data was recorded using ArcGIS Field Maps and stored on ArcGIS Enterprise.

~~3.2.6 While surveys were successfully completed for approximately 87.5% of the Order Limits, further badger surveys will be undertaken in 2025, for the purpose of the ES (Volume 6 of the DCO application, a reasonable worst case scenario for the results of these surveys has been assumed. The reasonable worst case position has been based on professional judgement following a review of the badger records obtained from the desk study, the results of the badger surveys undertaken across the rest of the Project and the habitats mapped from aerial imagery.~~

3.3 Dates of Survey and Personnel

3.3.1 Badger activity surveys can be undertaken at any time of year, but ideally outside of the mid-summer months when vegetation is dense. However, due to land access badger activity surveys were conducted concurrently with habitat surveys from April to October 2023, between April to November 2024 and April to September 2025. ~~Further surveys are being undertaken post March 2025 for completeness.~~

3.3.2 The surveys were undertaken by suitably skilled and experienced ecologists, the lead surveyors hold membership of the Chartered Institute of Ecology and Environmental Management (CIEEM).

3.4 Notes and Limitations

3.4.1 As much land as practicable within the Survey Area has been accessed and surveyed. Some areas were inaccessible due to land access restrictions associated with health and safety concerns or environmental factors such as dense vegetation. It was not possible to survey 3% of the land within the Order Limits. It is possible that badger setts are located in the areas that have not been surveyed. As identified in the introduction pre-construction surveys will be undertaken to inform licensing and ensure legislative compliance.

~~3.4.2 Given the size and scale of the Project, badger surveys have continued in 2025 for completeness. This report includes data obtained up to the end of March 2025 and covers approximately 87.5% of the Order Limits. Surveys conducted beyond the end of March 2025 will be included in a further information report, should additionally badger setts be recorded.~~

4. Results

4.1 Overview

- 4.1.1 This section presents the results of both the desk study and the badger setts recorded during habitat surveys undertaken between April 2023 and ~~March~~ September 2025. Results are shown on Figure A8.15.1: Badger Records and Badger Sett Locations Recorded Within 2 km of Order Limits in the Last 10 years and Figure A8.15.2: Badger Sett Locations (Rev B) in Annex A.

4.2 Desk Study Results

- 4.2.1 The desk study identified a total of 291 badger records within the Study Area in the last 10 years (2012 to 2022). Additionally, 79 sett locations have been recorded by NEEBG within 2 km of the Order Limits in the same period. The sett types are not distinguished in the data provided from NEEBG. This data does not necessarily indicate current badger activity or sett locations but gives an indication of historic badger activity in the local area.
- 4.2.2 Both individual records from NBIS, SBIS and EFC, and sett locations from NEEBG are shown on Figure A8.15.1: Badger Records and Badger Sett Locations Recorded Within 2 km of Order Limits in the Last 10 years in Annex A.

4.3 Survey Results

- 4.3.1 Details of the badger setts recorded are provided in Annex B. A total of ~~113~~ 129 badger setts or potential badger setts have been recorded within the Order Limits and a further ~~83~~ 102 were recorded within 30 m of the Order Limits buffer. The sett ID numbers were assigned from north to south as of 22 September 2023. Setts identified in surveys throughout 2024 and ~~into~~ 2025, have been allocated sett ID numbers which do not follow this pattern.
- 4.3.2 Table A8.15.2 below shows the number of badger setts recorded within the Order Limits and within 30 m of the Order Limits, broken down by sett classification. Further details are recorded in Annex B and the location of the setts recorded are shown on Figure A8.15.2: Badger Sett Locations (Rev B) in Annex A.

Table A8.15.2 Badger setts present within the Survey Area

Project Section	Sett Type				
	Main	Annexe	Subsidiary	Outlier	Total
A	3	0	2	5	10
B	11-12	4	6-8	28-35	49-59
C	9-10	1	24	26-33	38-48
D	8	1	15	13-16	23-30
E	2	0	0-1	9-11	11-14
F	8	2	7-8	30-31	47-49
G	1	10	3-3	6-10	11-14
H	4	0	0	3	7
Total	46-48	9-8	21-31	120-144	196-231

~~4.3.3 Other field signs of badger activity recorded within the Survey Area are also shown on Figure A8.15.2: Badger Sett Locations in Annex A. These include footprints, foraging activity and pathways.~~

~~4.3.4 Further badger surveys are being undertaken in 2025 and it is reasonable to assume a similar number/densities of badger territories are present and therefore that a similar number of badger setts would be identified across the remaining survey area. On this basis a precautionary reasonable worst case scenario has been applied for the purpose of the ES (Volume 6 of the DCO application), with the same percentage of each sett type per hectare applied to the remaining approximately 12.5% of the survey area, as was found within the surveys undertaken across the rest of the Project. Therefore, it is assumed that an additional 28 badger setts would be present within the unsurveyed Order Limits, made up of seven mains, one annex, three subsidiaries and 17 outlier setts. This forms part of the baseline assessed within Chapter 8: Ecology and Biodiversity (document reference 6.8).~~

~~4.3.5 The results of the badger surveys undertaken post-March 2025, will be included in a further environmental information report, as detailed in Chapter 8: Ecology and Biodiversity (document reference 6.8).~~

5. Conclusion

- 5.1.1 As shown on Figure A8.15.2: Badger Sett Locations (Rev B) in Annex A, the locations of badger setts are evenly distributed throughout the Project with a few notable exceptions. Results show that Sections A, E, G and H have noticeably fewer recorded badger setts, with only 30-45 setts recorded across these ~~three~~four Sections compared to other Project Sections.
- 5.1.2 There were particularly high concentrations of setts recorded between Needham Market (Section B) and Langham, just west of Manningtree (Section C). The Project Section which recorded the most setts was Section B (59~~5~~ setts), located in Mid Suffolk.

Abbreviations

Abbreviation	Full Reference
CIEEM	Chartered Institute of Ecology and Environmental Management
DCO	Development Consent Order
EFC	Essex Field Club
EIA	Environmental Impact Assessment
ES	Environmental Statement
GIS	Geographic Information Systems
LERC	Local Environmental Record Centres
NBIS	Norfolk Biodiversity Information Service
NEEBG	North-East Essex Badger Group
SBIS	Suffolk Biodiversity Information Service

Glossary

Term	Description
Badger Sett	A complex system of underground tunnels and chambers which badgers dig and live in.
CIEEM	Chartered Institute of Ecology and Environmental Management.
Habitat	The natural home or environment of an animal, plant, or other organism.
Habitat Fragmentation	The process by which a large, continuous area of natural habitat is broken into smaller, isolated patches, often due to human activities.
Local Planning Authority	The public authority whose duty it is to carry out specific planning functions for a particular area.
Mitigation	The action of reducing the severity and magnitude of change (impact) to the environment. Measures to avoid, reduce, remedy or compensate for significant adverse effects.
Order Limits	The maximum extent of land within which the authorised development may take place.

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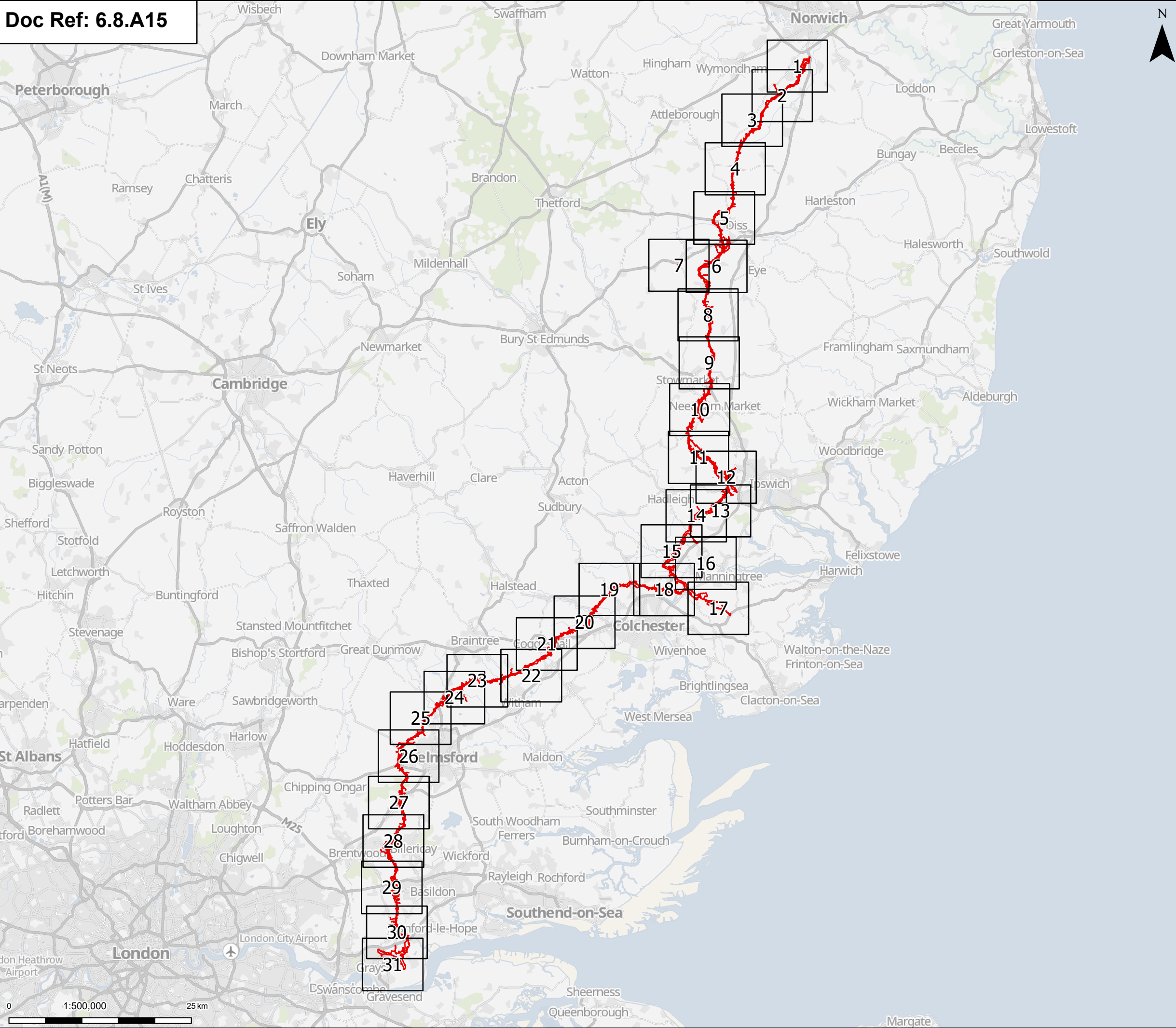
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Annex A. Figures

Annex A

Figures

Figure A8.15.1 - Badger Records and Badger Sett Locations Recorded Within 2 km of Order Limits in the Last 10 years



Order limits
Pages

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Rev	Date	Description	Drawn	Check	Approv

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nationalgrid Norwich to Tilbury

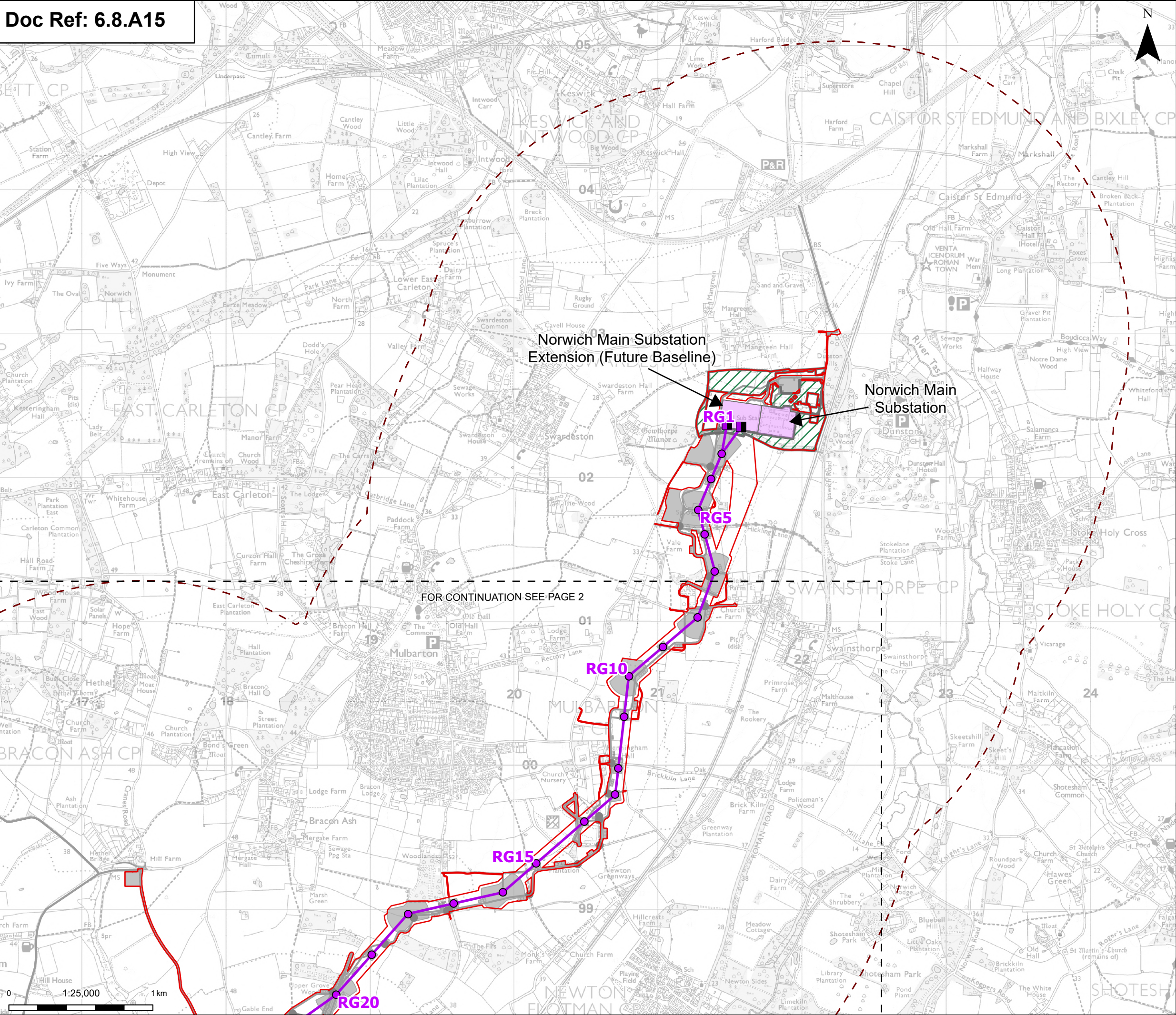
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Regulation 5(2)(a)

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Figure A8.15.1 - Ecology and Biodiversity -
Badger Records and Badger Sett Locations
Recorded Within 2 km of Order Limits in the
Last 10 years
Overview

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Suitability Description:
Accepted as Concept Stage

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Revision:
A



Order limits

Sheet index outline

Proposed project design details

Proposed full line tension gantry

Proposed standard lattice pylon location

Proposed overhead line alignment

Norwich Main Substation

Norwich Main Substation Extension (future baseline)

Environmental area

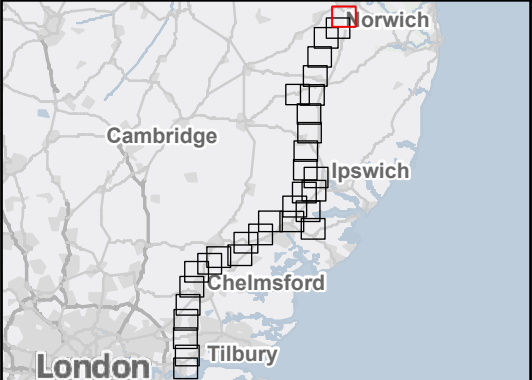
Other temporary and permanent construction and operational works

Discipline specific constraints

2 km Study Area

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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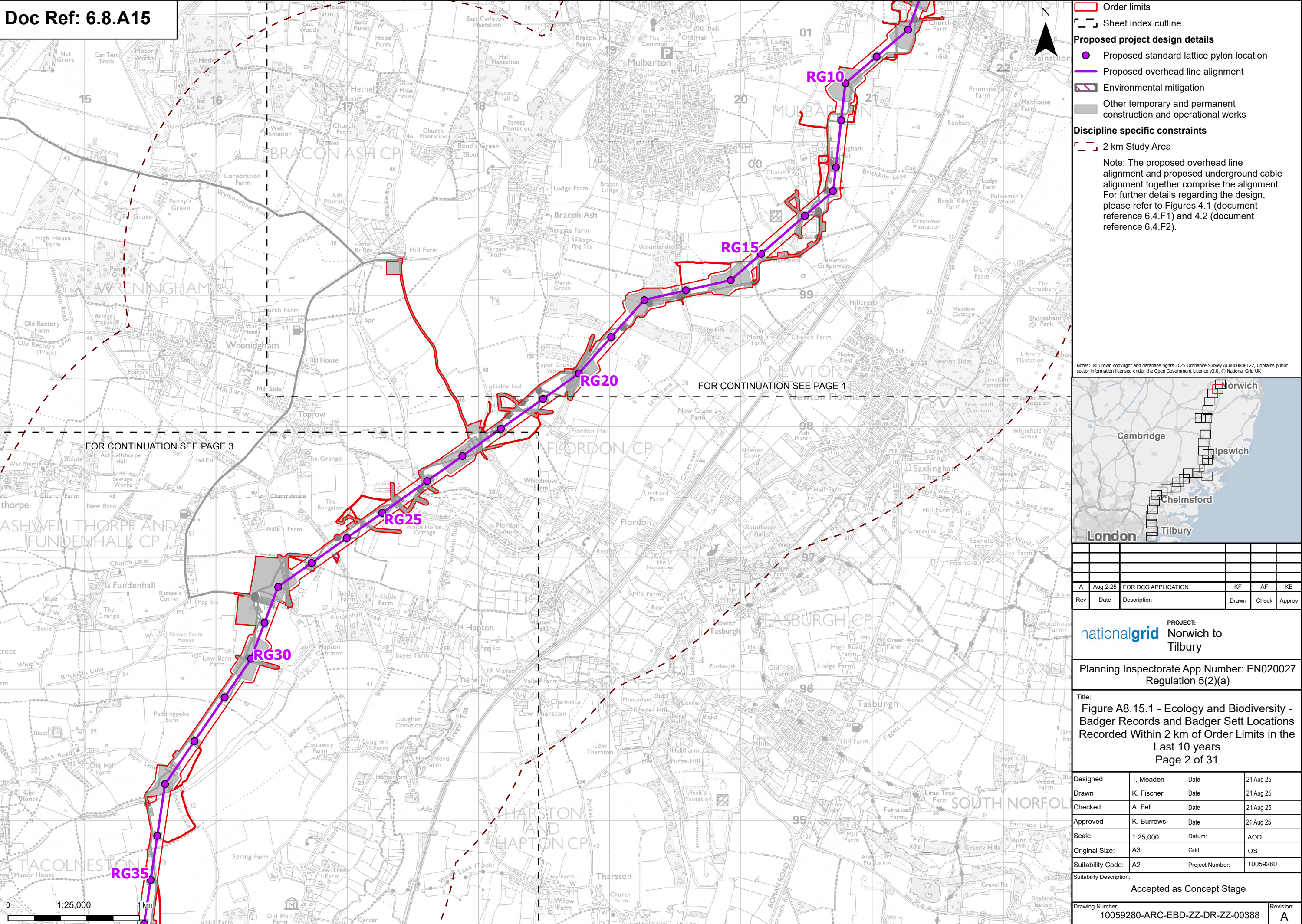
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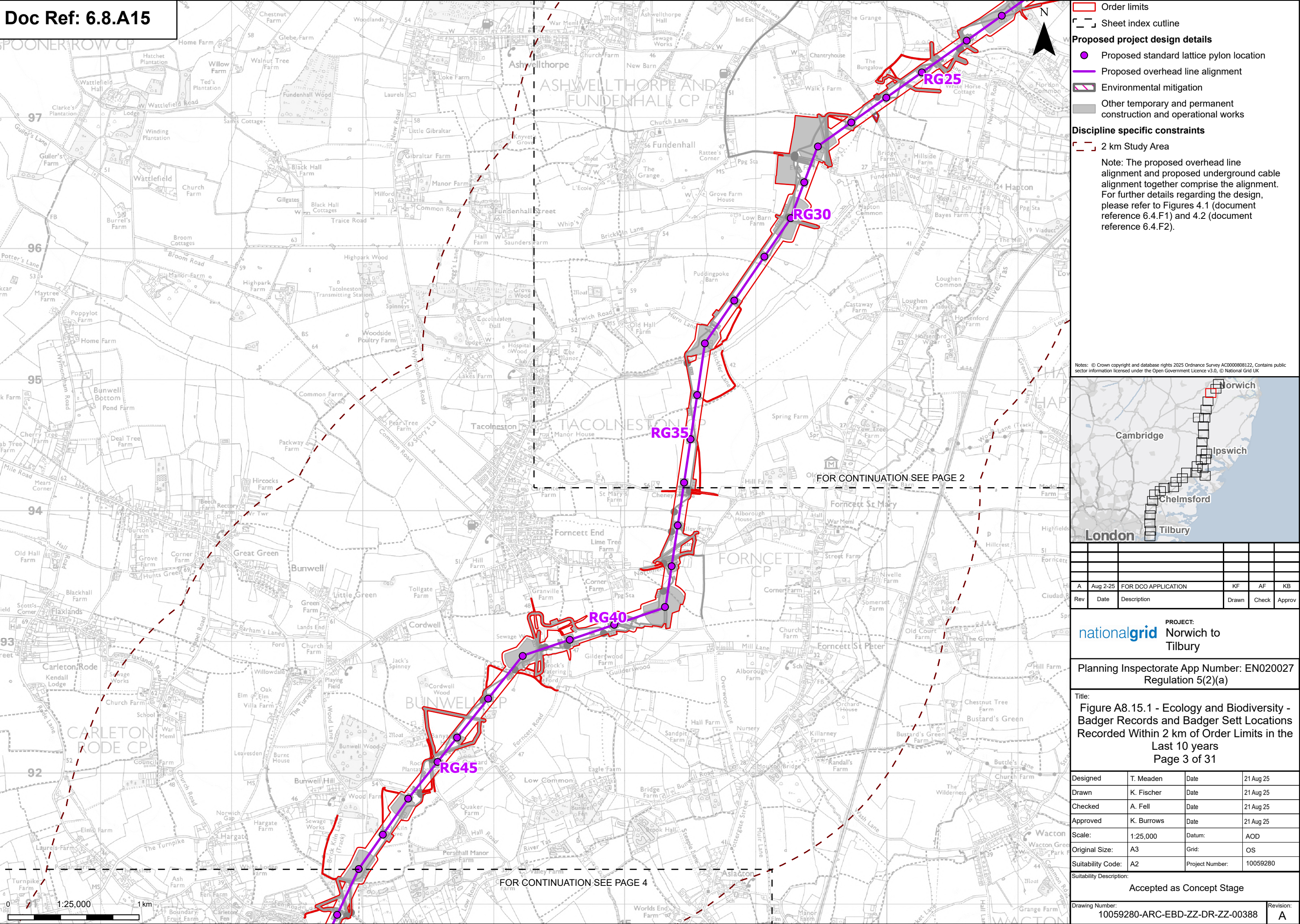
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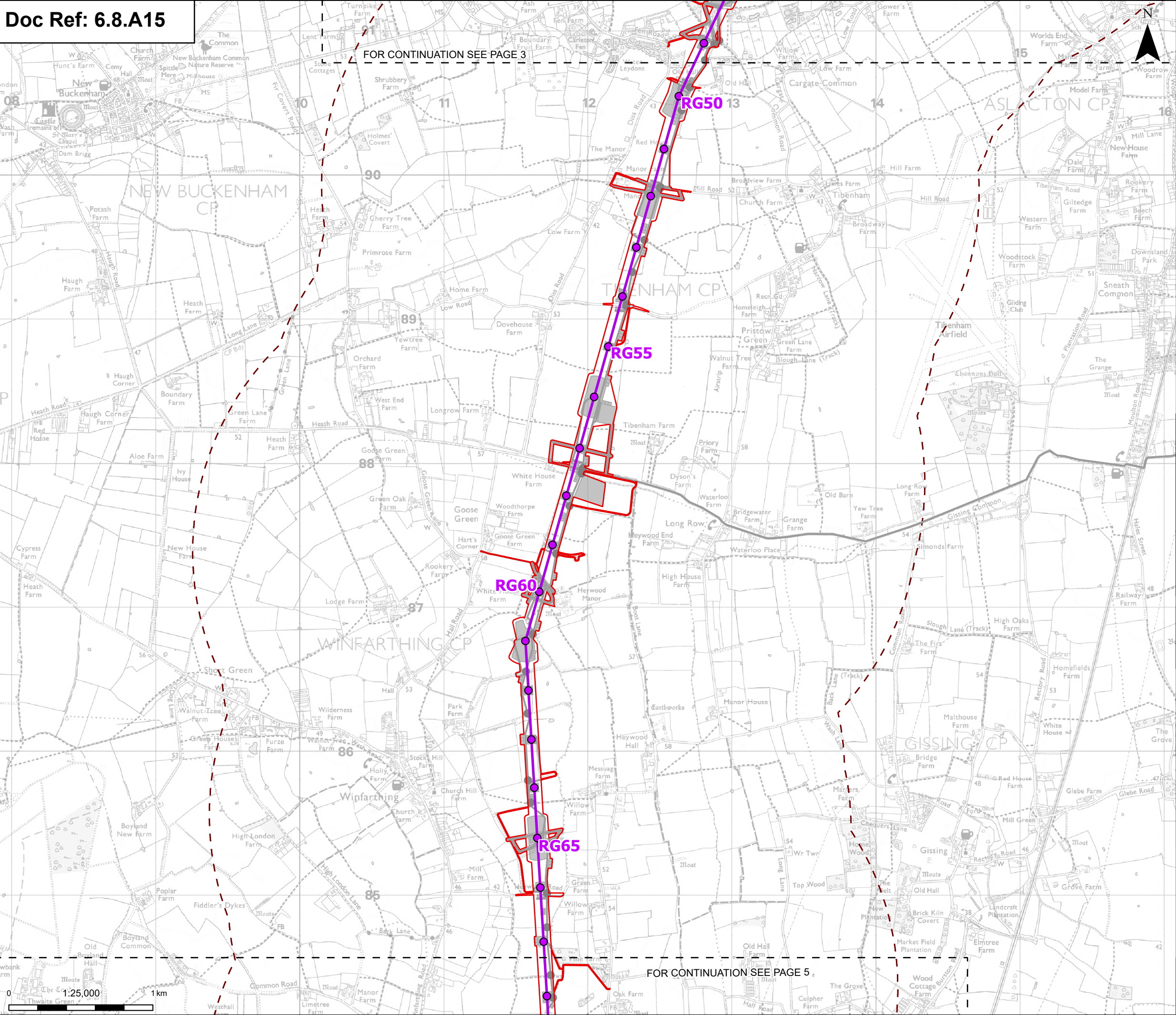
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Order limits

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Proposed project design details

Proposed standard lattice pylon location

Proposed overhead line alignment

Other temporary and permanent construction and operational works

Discipline specific constraints

2 km Study Area

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PROJECT:

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Title:

Figure A8.15.1 - Ecology and Biodiversity - Badger Records and Badger Sett Locations Recorded Within 2 km of Order Limits in the Last 10 years

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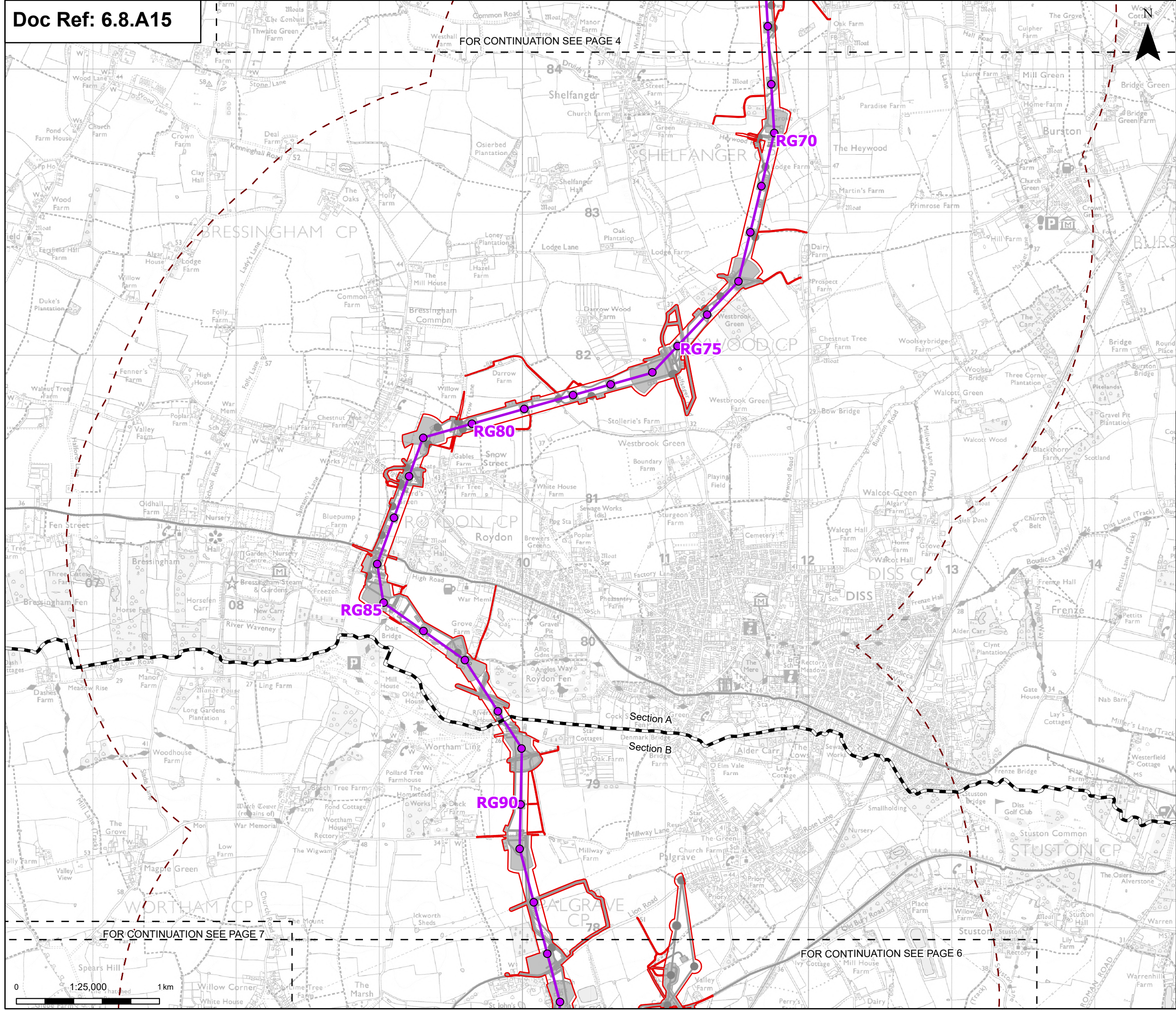
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Order limits

Sheet index outline

Project section line

Proposed project design details

Proposed standard lattice pylon location

Proposed overhead line alignment

Environmental mitigation

Other temporary and permanent construction and operational works

Discipline specific constraints

2 km Study Area

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Norwich

Ipswich

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Norwich to Tilbury

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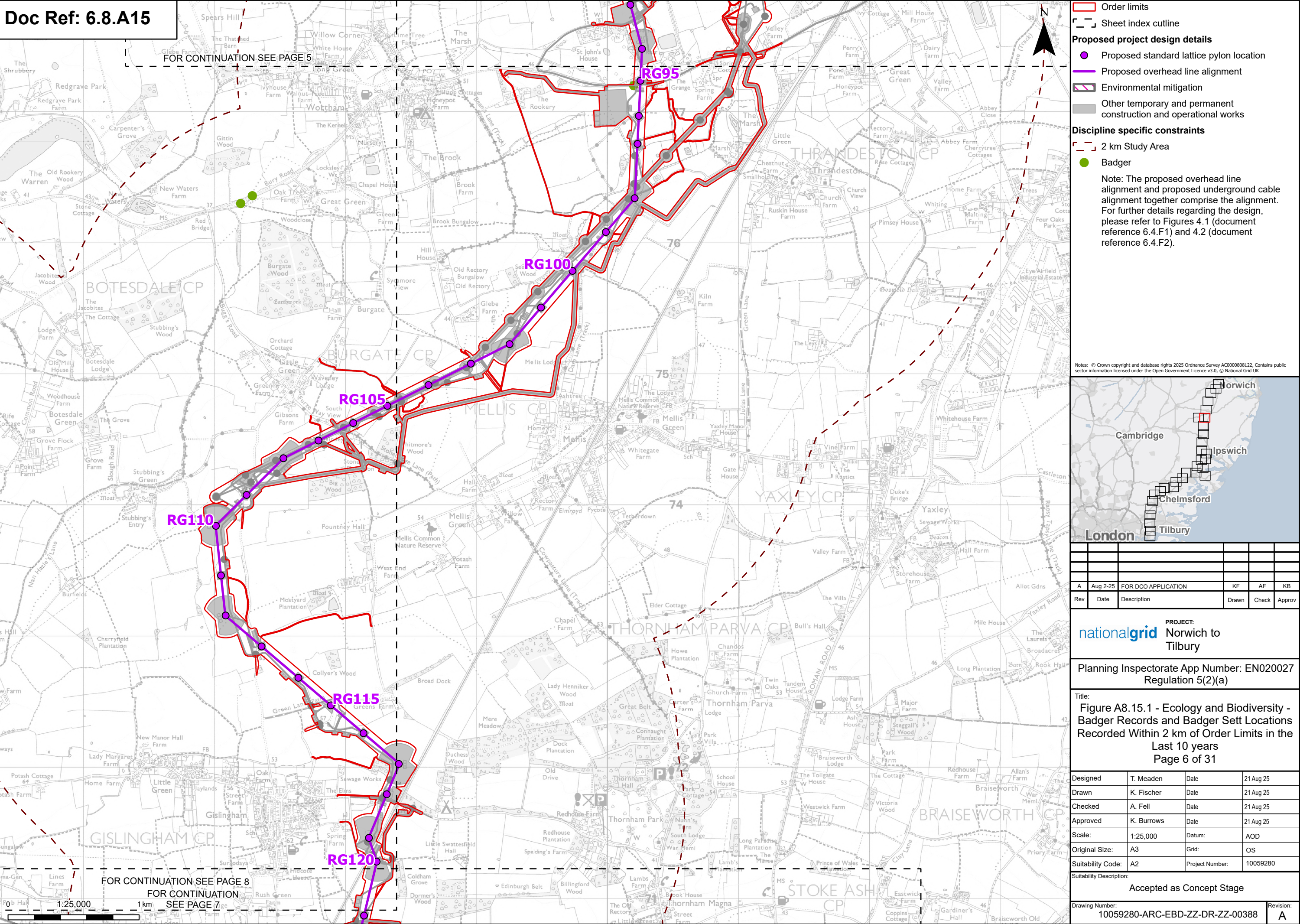
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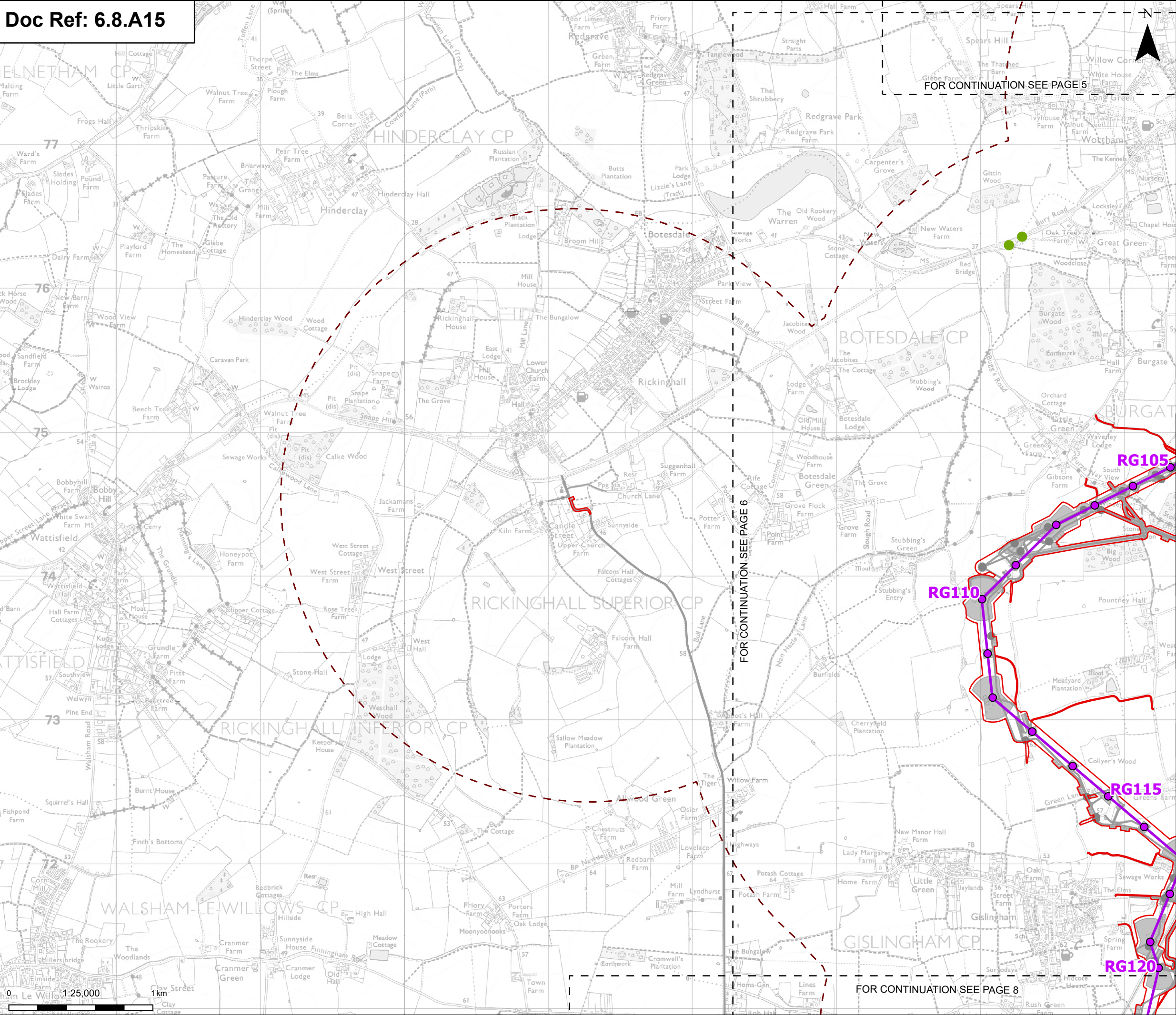
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Order limits

Sheet index outline

Proposed project design details

Proposed standard lattice pylon location

Proposed overhead line alignment

Other temporary and permanent construction and operational works

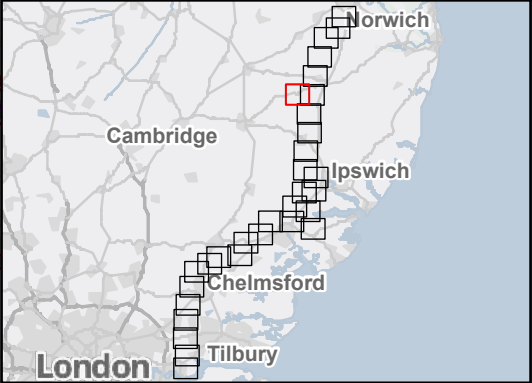
Discipline specific constraints

2 km Study Area

Badger

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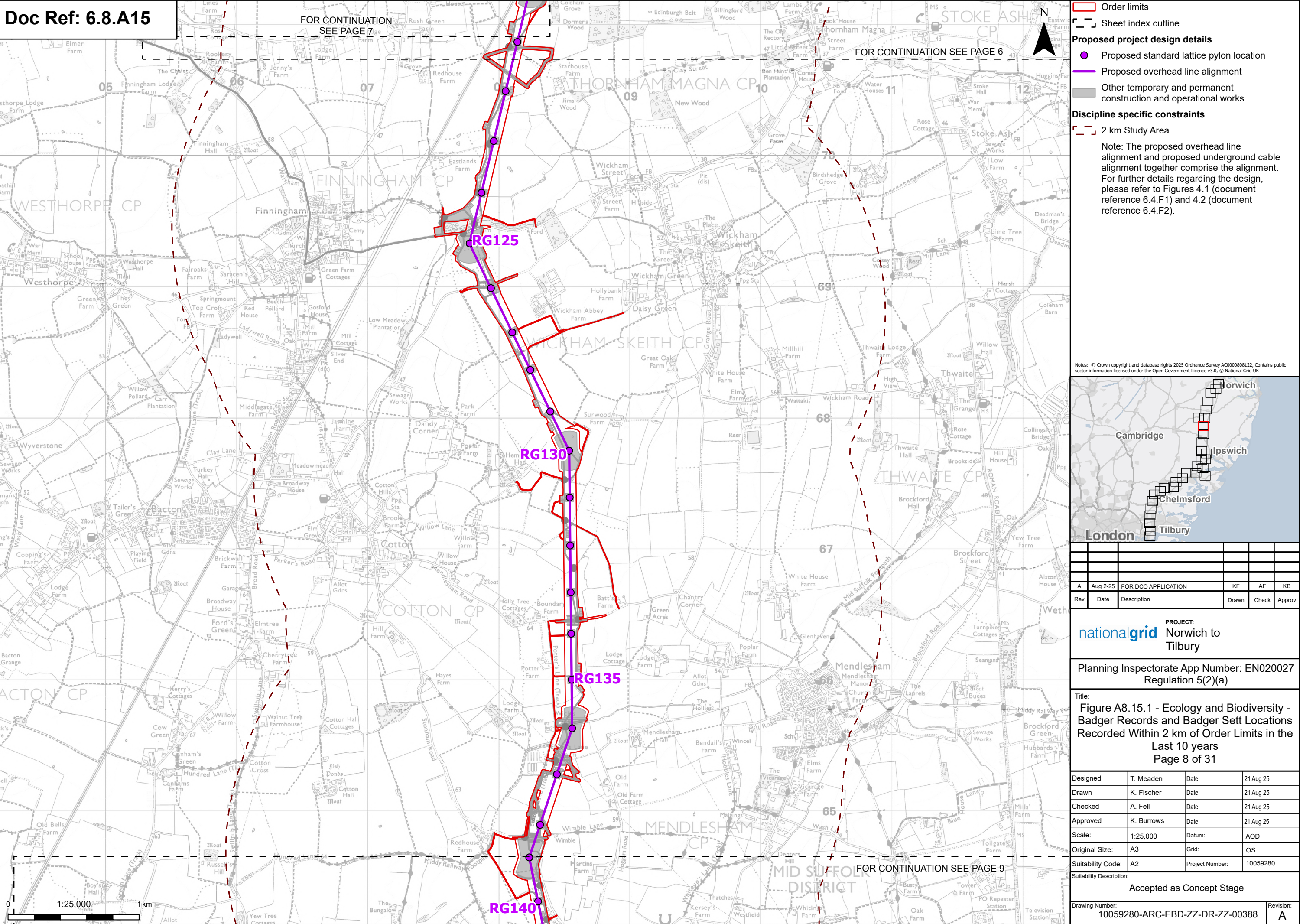
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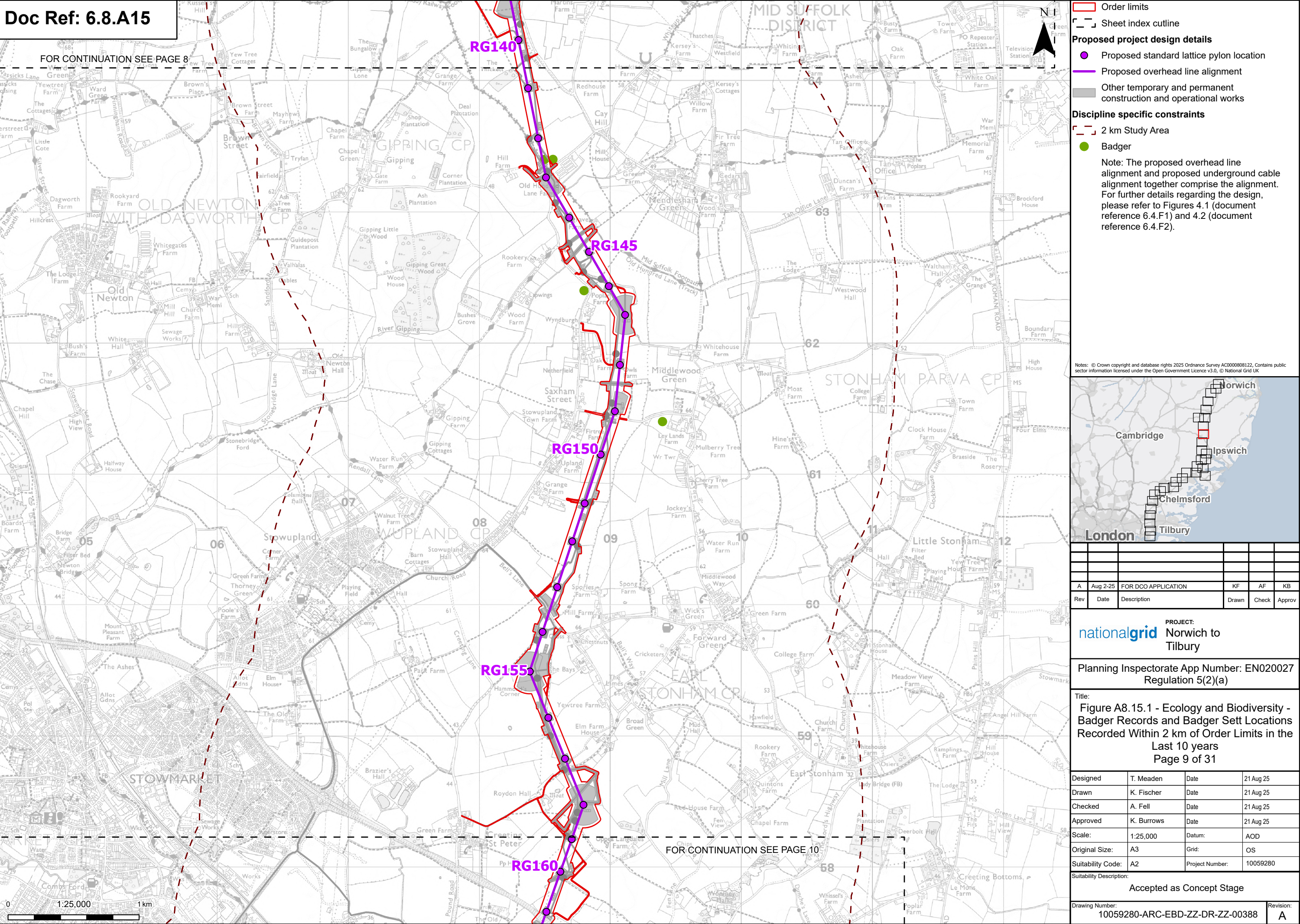
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Last 10 years
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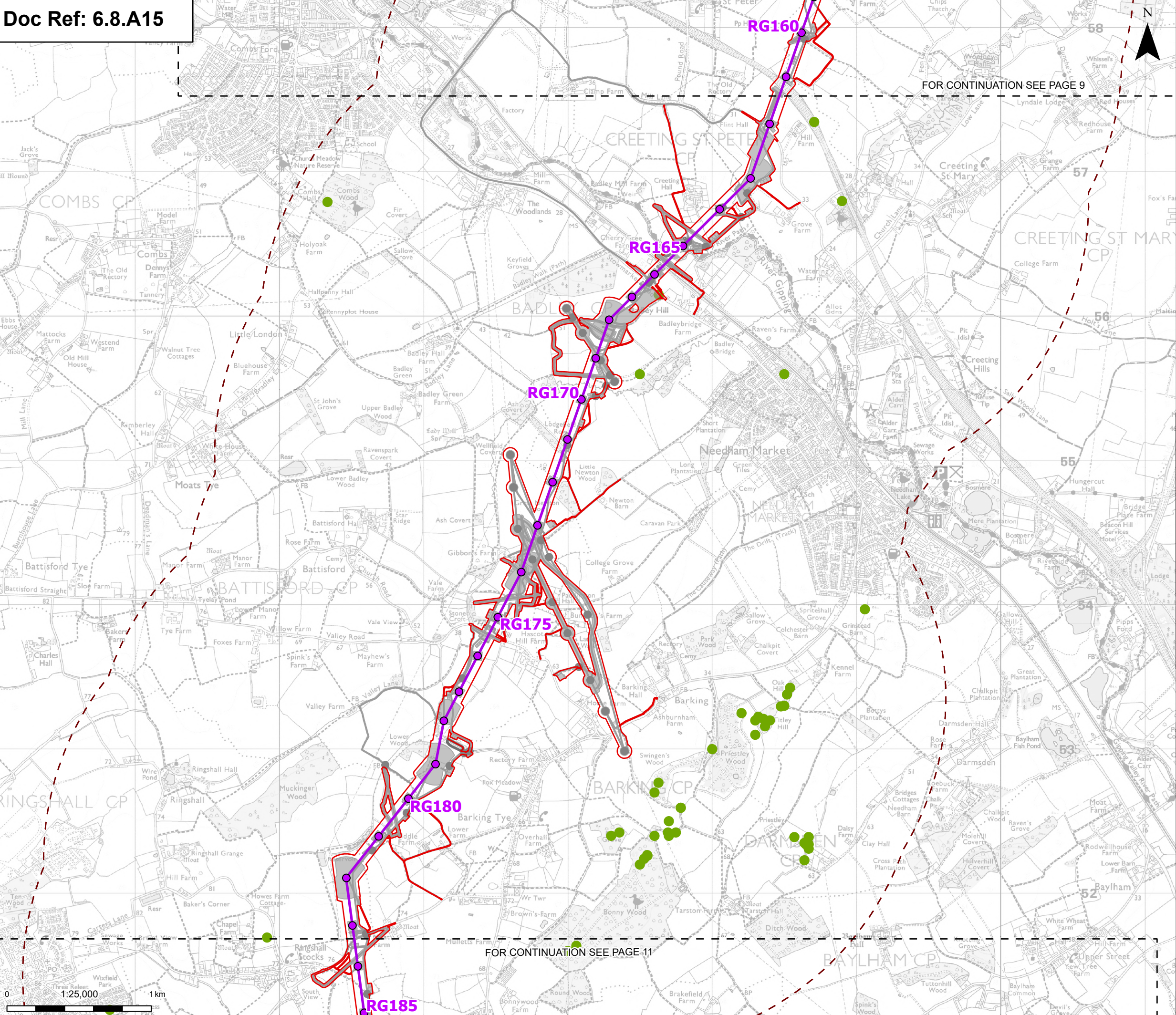
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Suitability Description:
Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00388	Revision: A
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Order limits

Sheet index outline

Proposed standard lattice pylon location

Proposed overhead line alignment

Environmental mitigation

Other temporary and permanent construction and operational works

2 km Study Area

Badger

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).

London

Cambridge

Chelmsford

Tilbury

Ipswich

Norwich

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Rev	Date	Description	Drawn	Check	Approv

PROJECT:

nationalgrid

Norwich to Tilbury

Planning Inspectorate App Number: EN020027

Regulation 5(2)(a)

Title:

Figure A8.15.1 - Ecology and Biodiversity - Badger Records and Badger Sett Locations Recorded Within 2 km of Order Limits in the Last 10 years

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Designed	T. Meaden	Date	21 Aug 25
Drawn	K. Fischer	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280
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Accepted as Concept Stage			
Drawing Number:			Revision:
10059280-ARC-EBD-ZZ-DR-ZZ-00388			A

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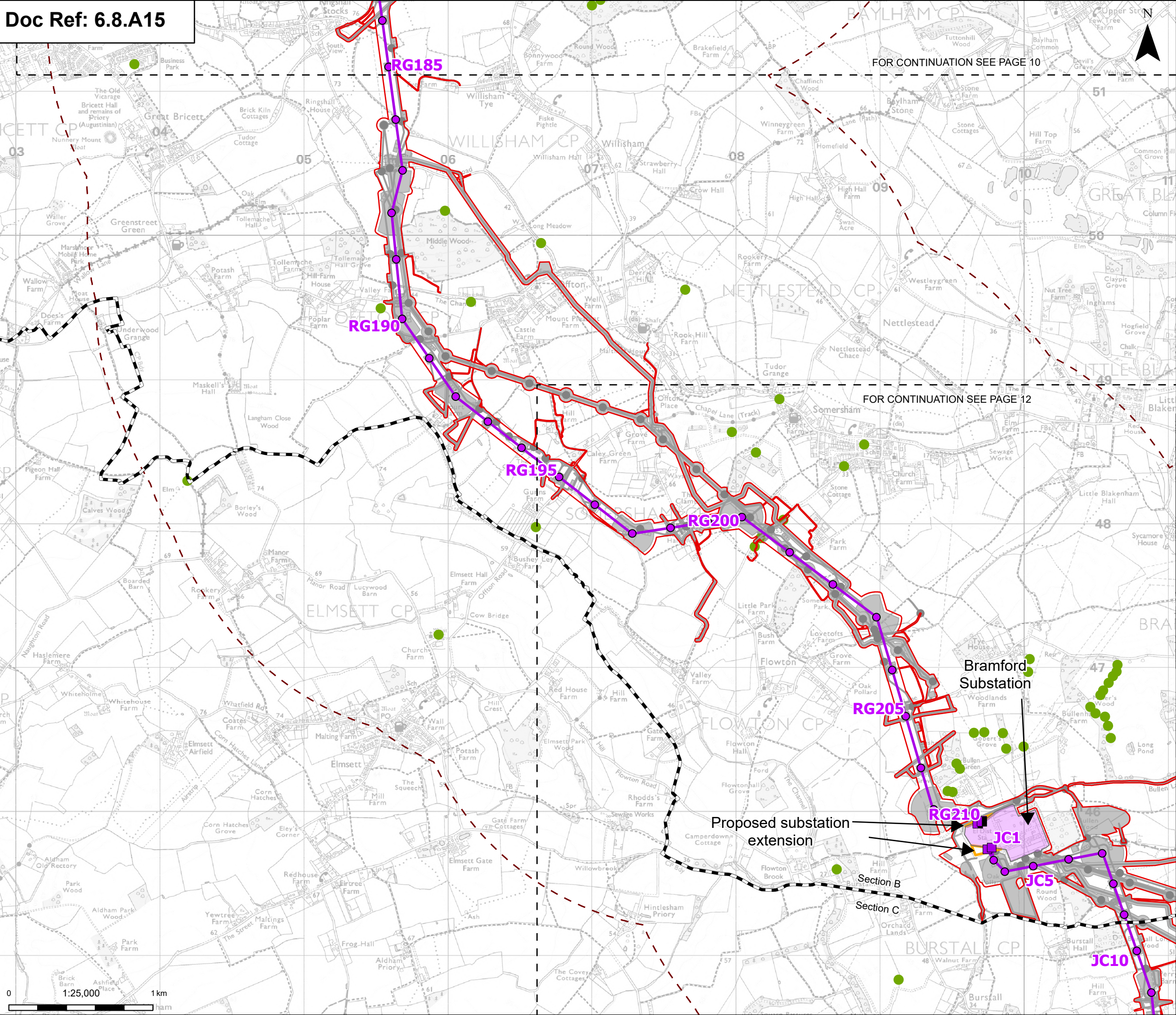
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1 km

Print Date:

08-15-25 12:27:49

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Order limits

Sheet index cutline

Project section line

Proposed project design details

Proposed full line tension gantry

Proposed low duty gantry

Proposed standard lattice pylon location

Proposed overhead line alignment

Bramford Substation

Bramford Substation Extension

Other temporary and permanent construction and operational works

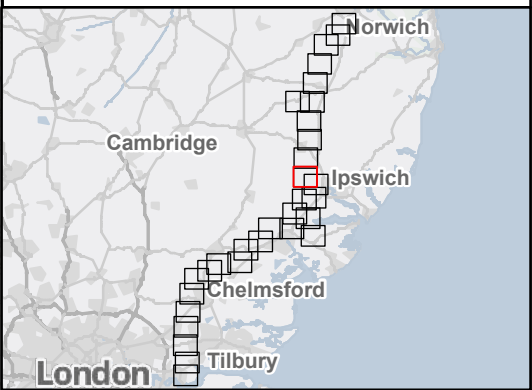
Discipline specific constraints

2 km Study Area

Badger

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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A	Aug 2-25	FOR DCO APPLICATION	KF	AF	KB
Rev	Date	Description	Drawn	Check	Approv

PROJECT:

nationalgrid

Norwich to Tilbury

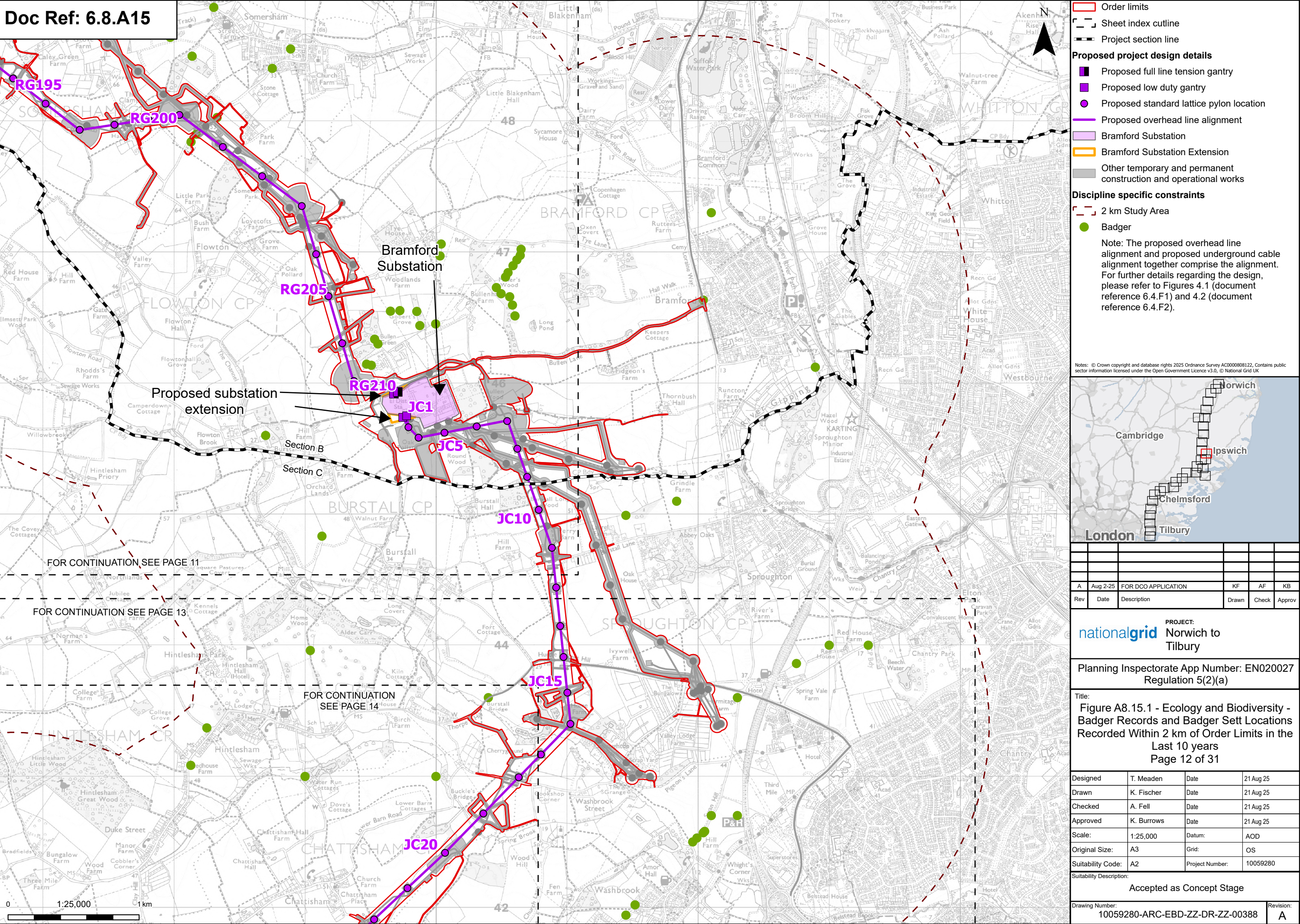
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Regulation 5(2)(a)

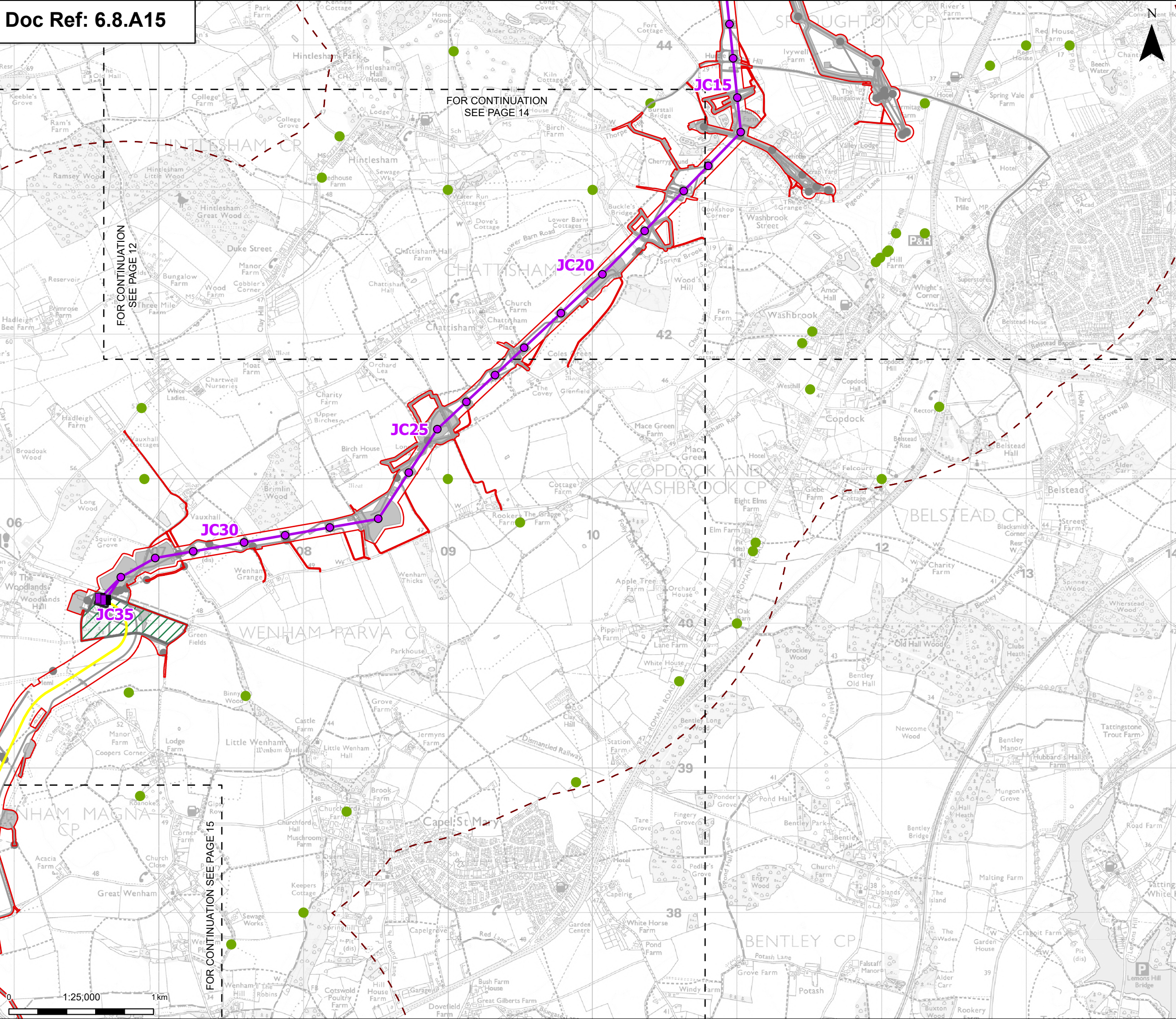
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00388	Revision: A
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Order limits

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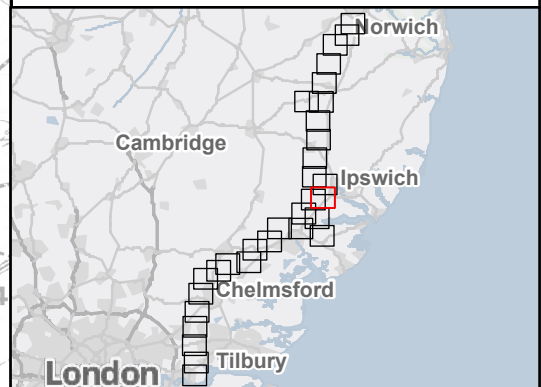
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- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed cable sealing end compound (CSEC)
- Environmental area
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 2 km Study Area
- Badger

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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Tilbury

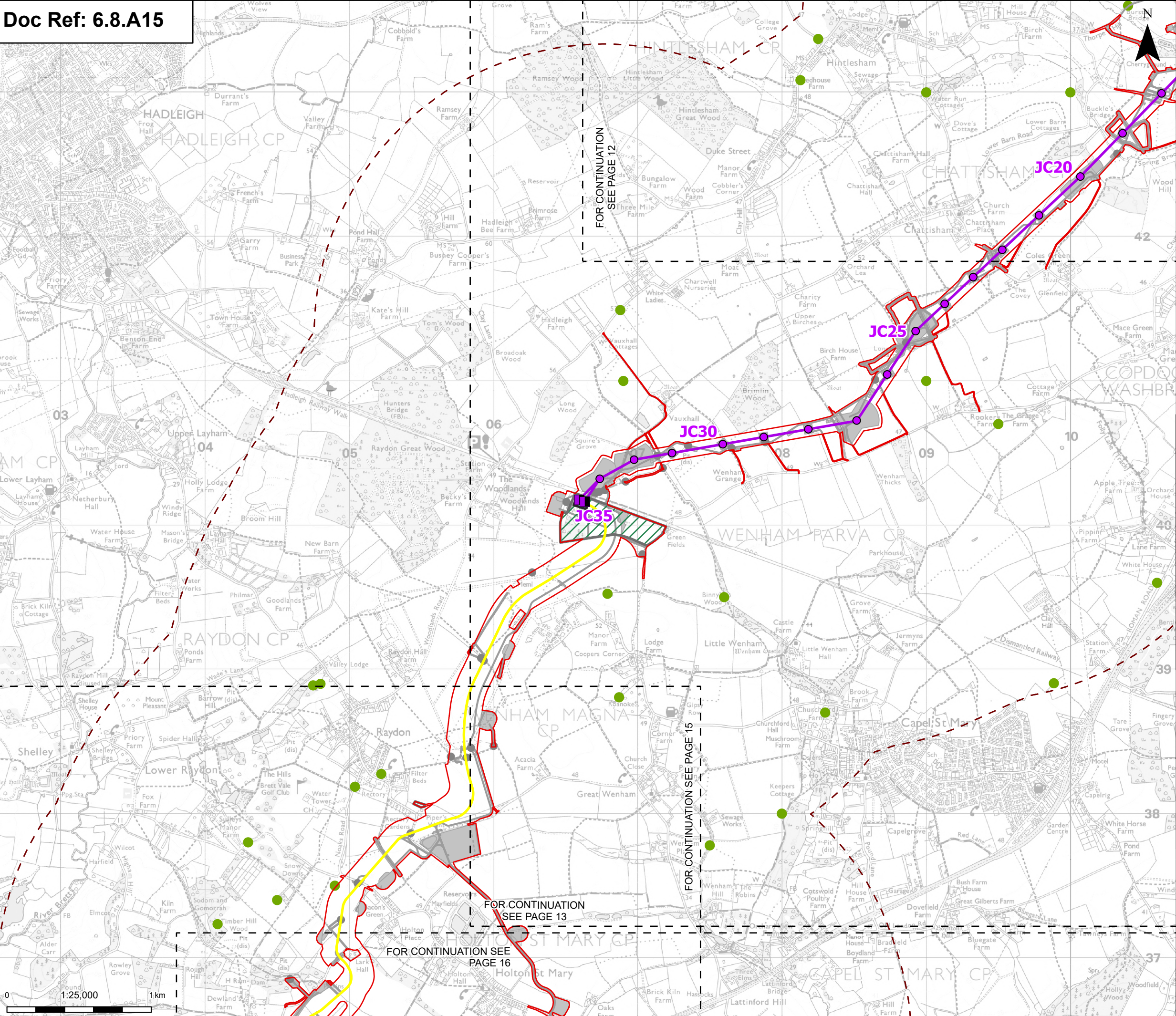
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Figure A8.15.1 - Ecology and Biodiversity -
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00388	Revision: A
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Order limits

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Proposed project design details

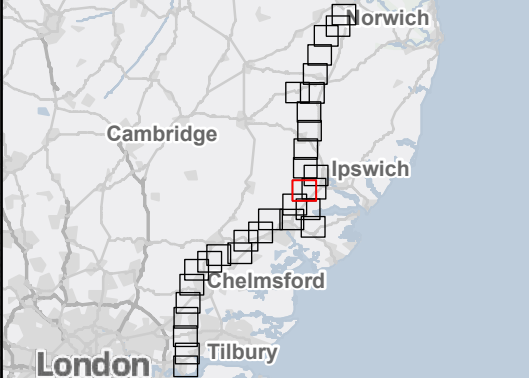
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- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed cable sealing end compound (CSEC)
- Environmental area
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 2 km Study Area
- Badger

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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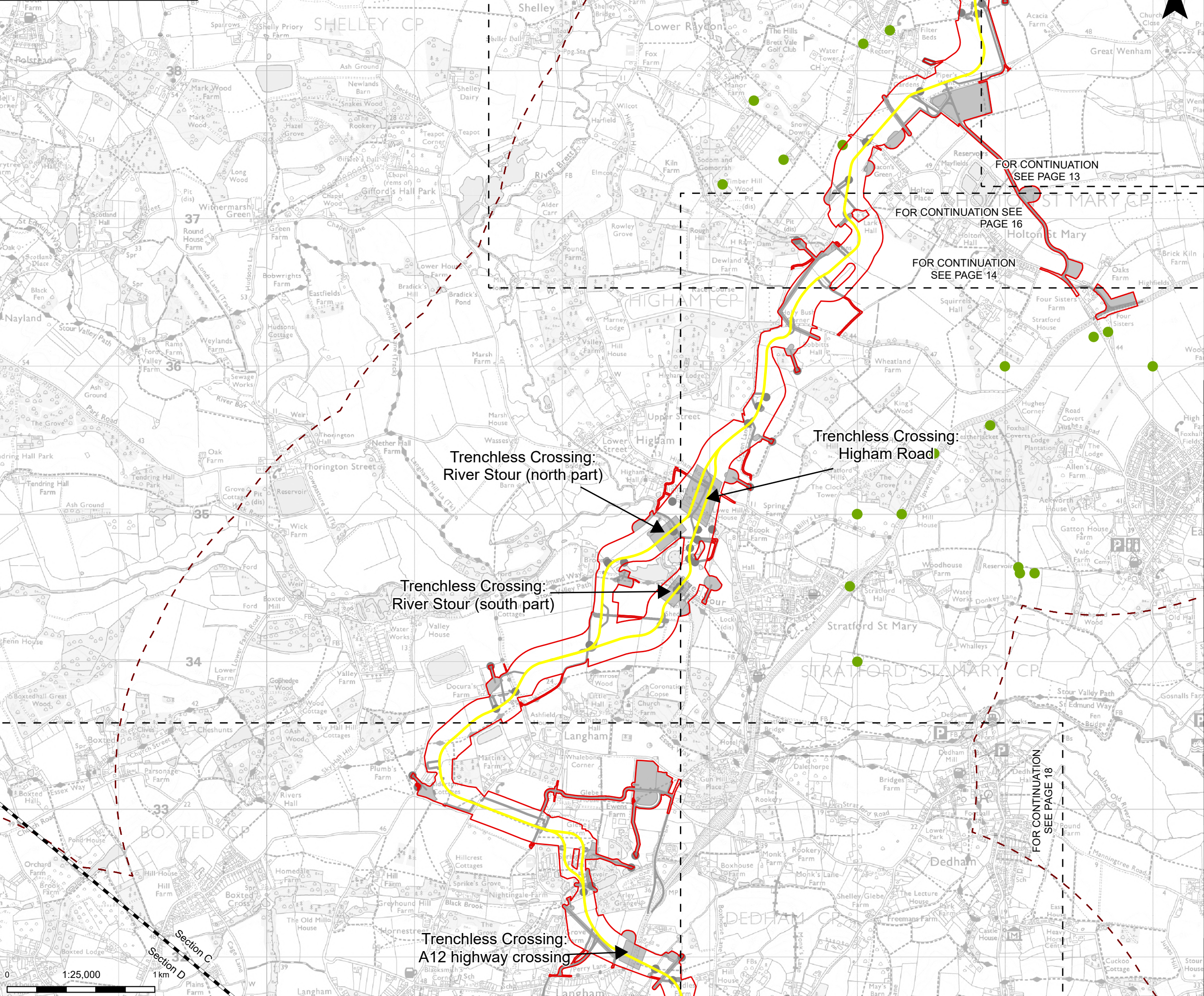
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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Revision:
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Order limits

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Project section line

Proposed project design details

Proposed underground cable alignment

Environmental mitigation

Other temporary and permanent construction and operational works

Discipline specific constraints

2 km Study Area

Badger

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:

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Norwich to Tilbury

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

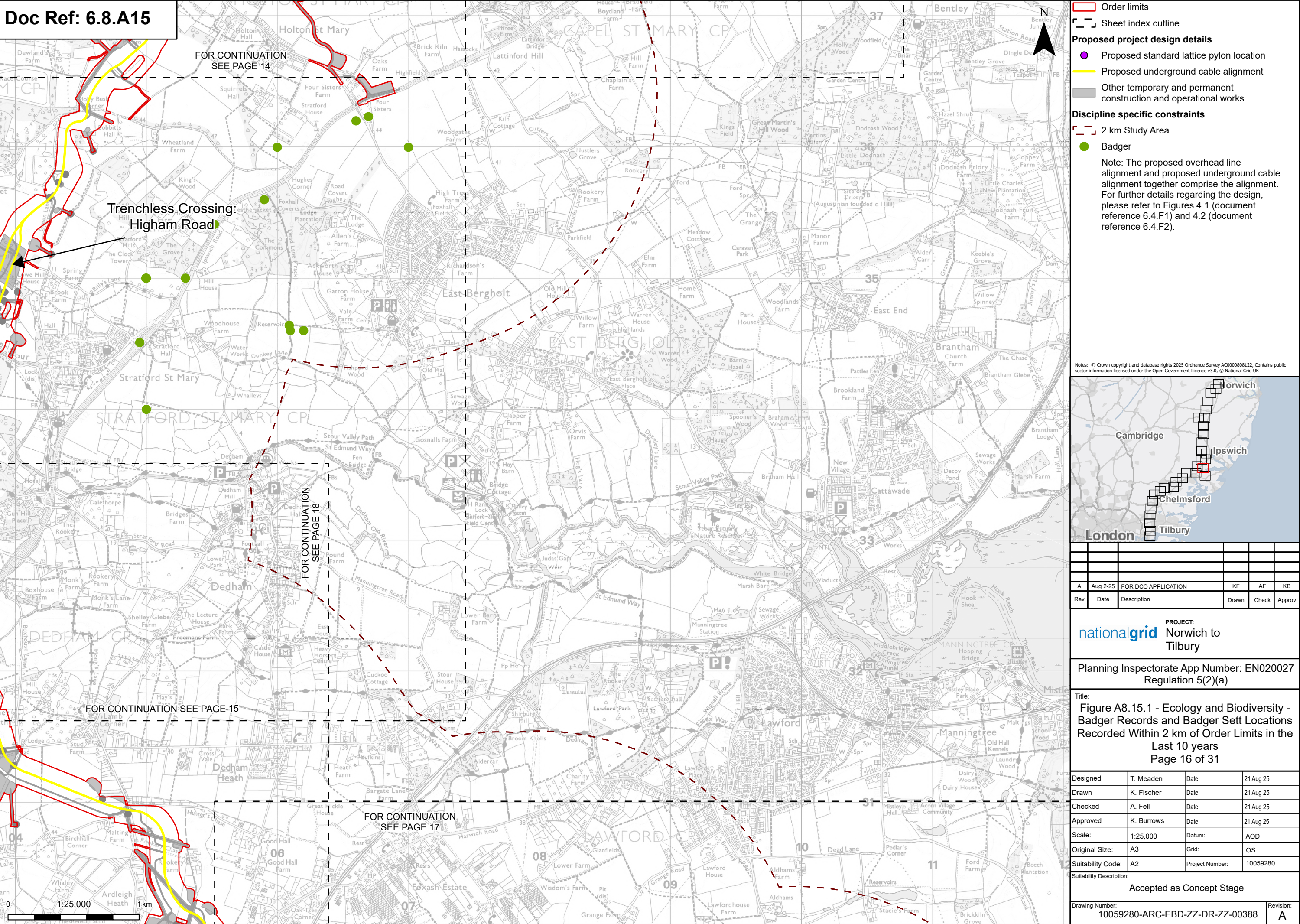
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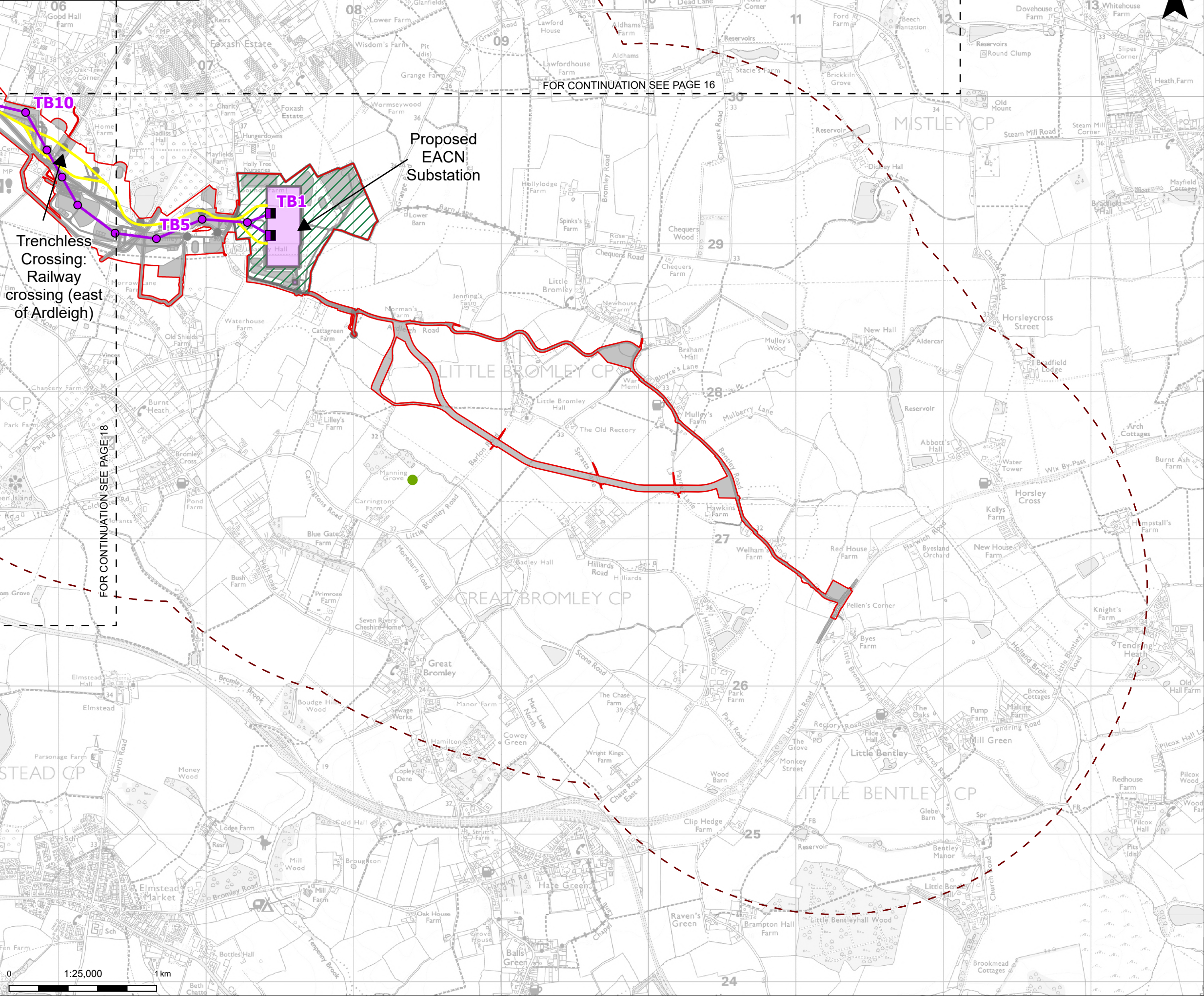
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280
Suitability Description:			
Accepted as Concept Stage			
Drawing Number:	10059280-ARC-EBD-ZZ-DR-ZZ-00388		Revision:
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Order limits

Sheet index outline

Proposed project design details

- Proposed full line tension gantry
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed DNO Substation
- Proposed East Anglia Connection Node Substation (EACN)
- Environmental area
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 2 km Study Area
- Badger

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

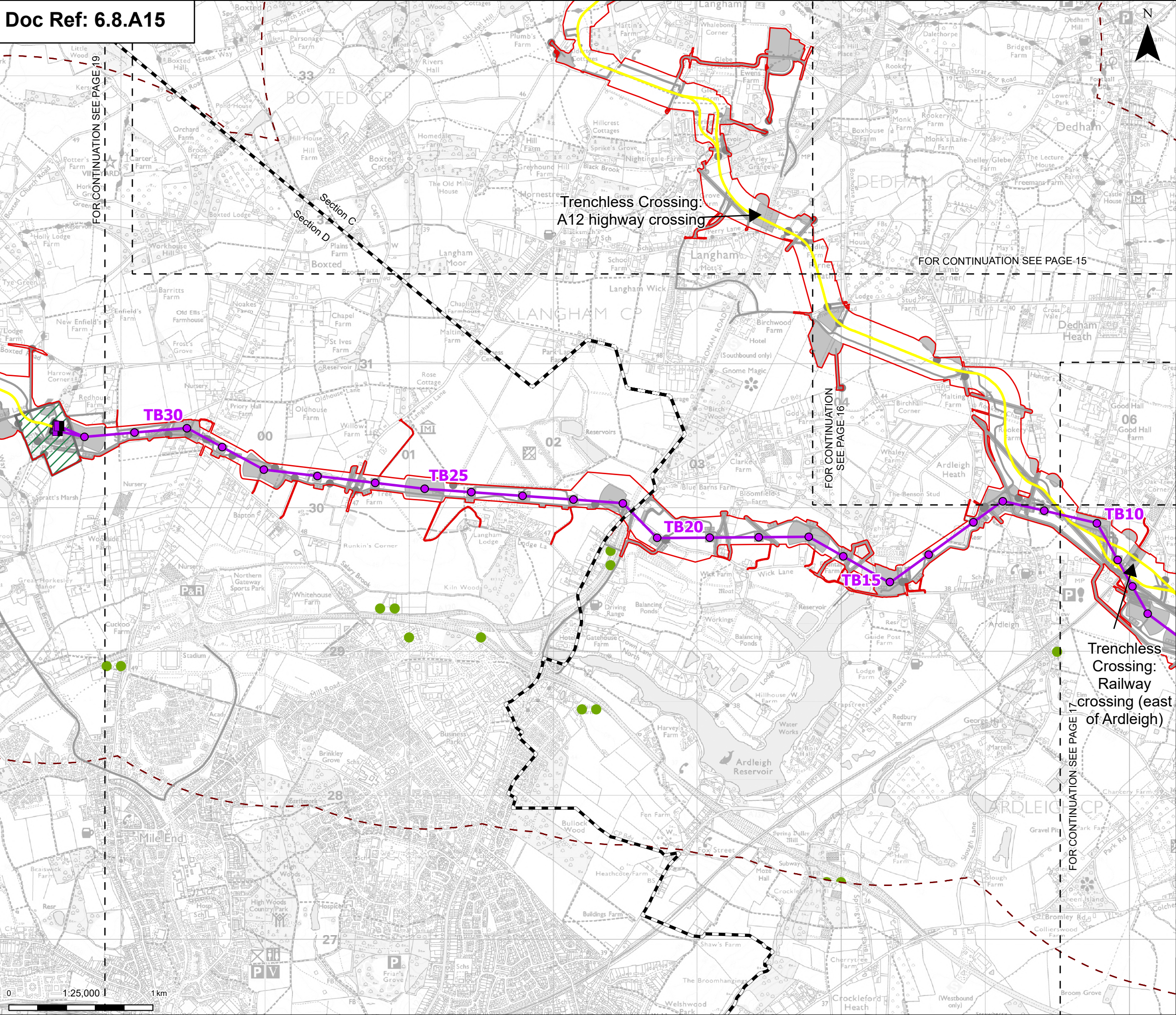
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Figure A8.15.1 - Ecology and Biodiversity -
Badger Records and Badger Sett Locations
Recorded Within 2 km of Order Limits in the
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Designed	T. Meaden	Date	21 Aug 25
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Approved	K. Burrows	Date	21 Aug 25
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00388	Revision: A
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Proposed project design details

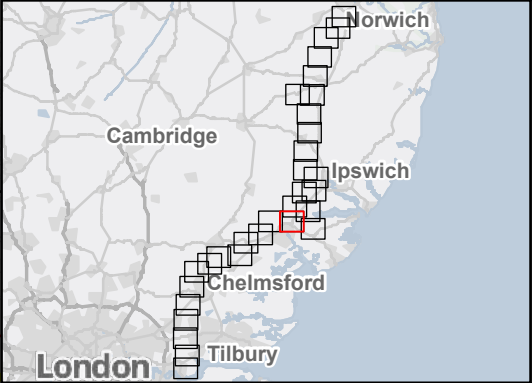
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- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed cable sealing end compound (CSEC)
- Environmental area
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 2 km Study Area
- Badger

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: Norwich to Tilbury

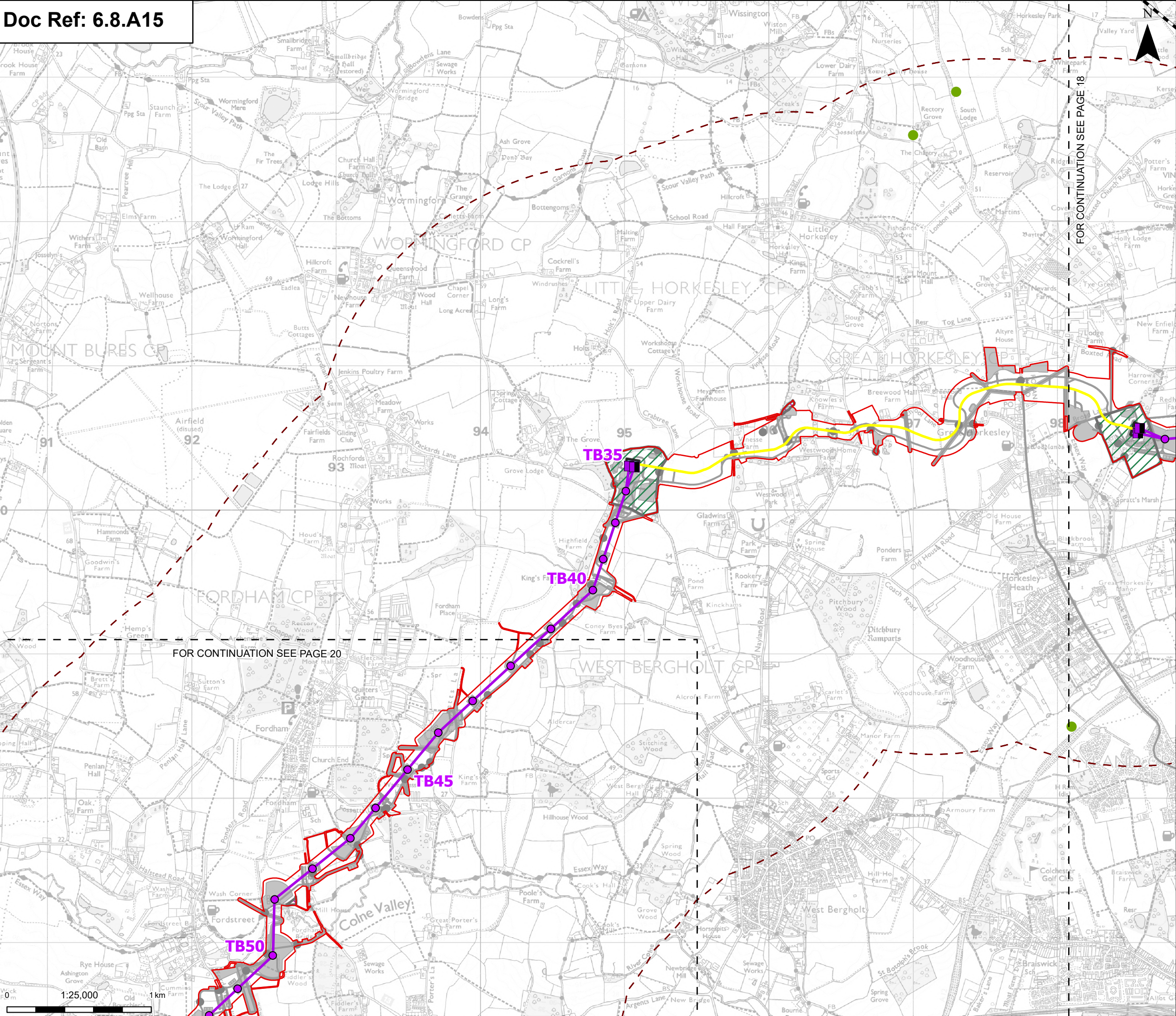
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Approved	K. Burrows	Date	21 Aug 25
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description: Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00388 Revision: A



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Project section line

Proposed project design details

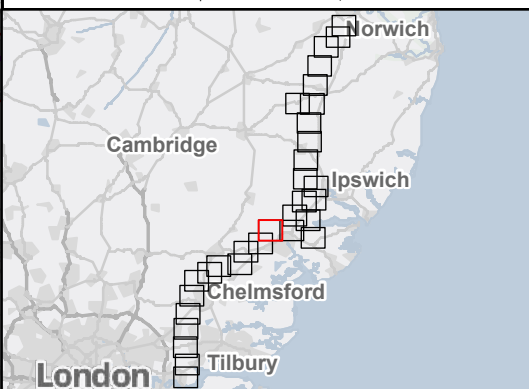
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- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed cable sealing end compound (CSEC)
- Environmental area
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 2 km Study Area
- Badger

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

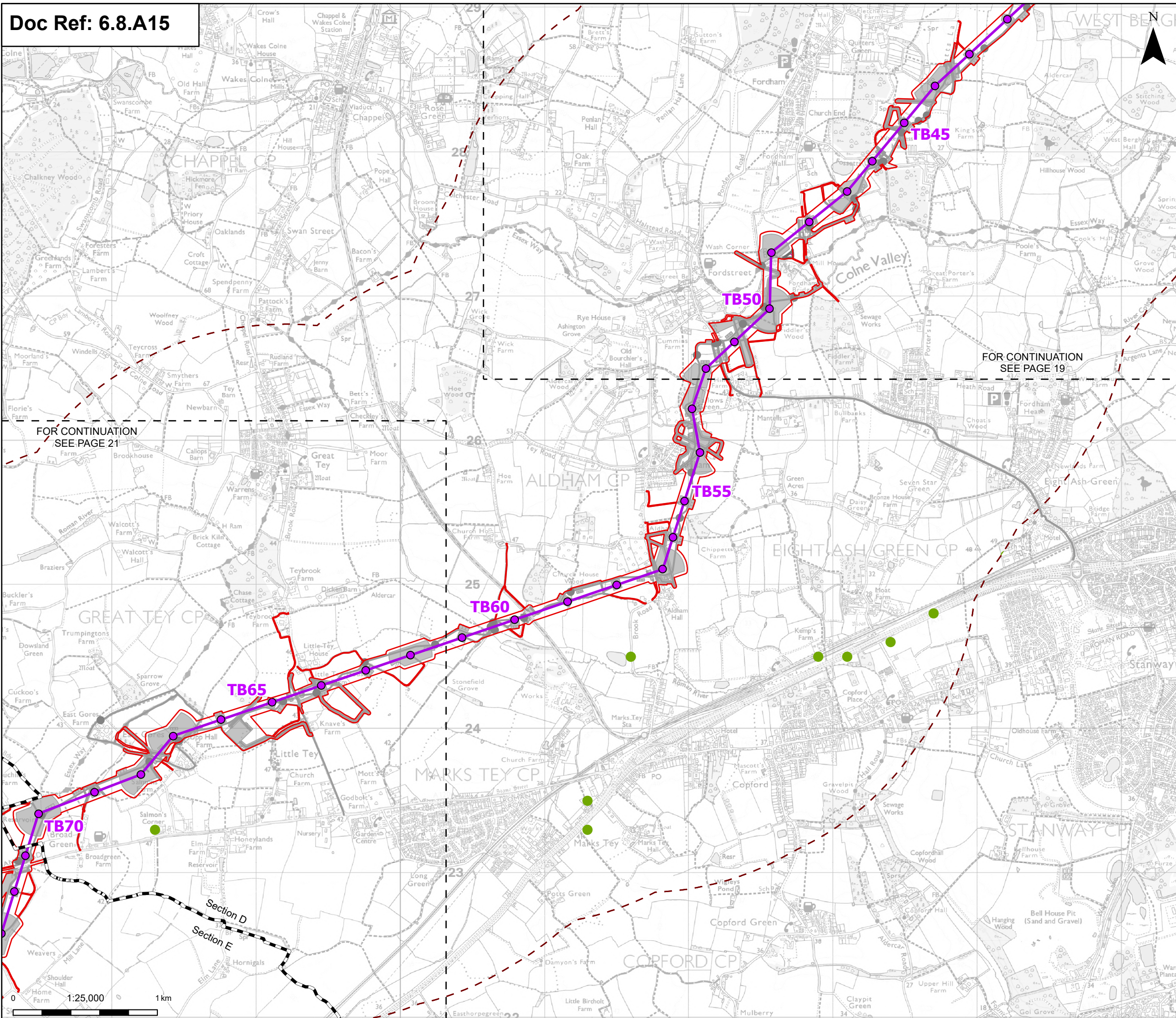
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Regulation 5(2)(a)

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Figure A8.15.1 - Ecology and Biodiversity -
Badger Records and Badger Sett Locations
Recorded Within 2 km of Order Limits in the
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Approved	K. Burrows	Date	21 Aug 25
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:
Accepted as Concept Stage

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Project section line

Proposed project design details

- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

2 km Study Area

●
Badger

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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Norwich to

Tilbury

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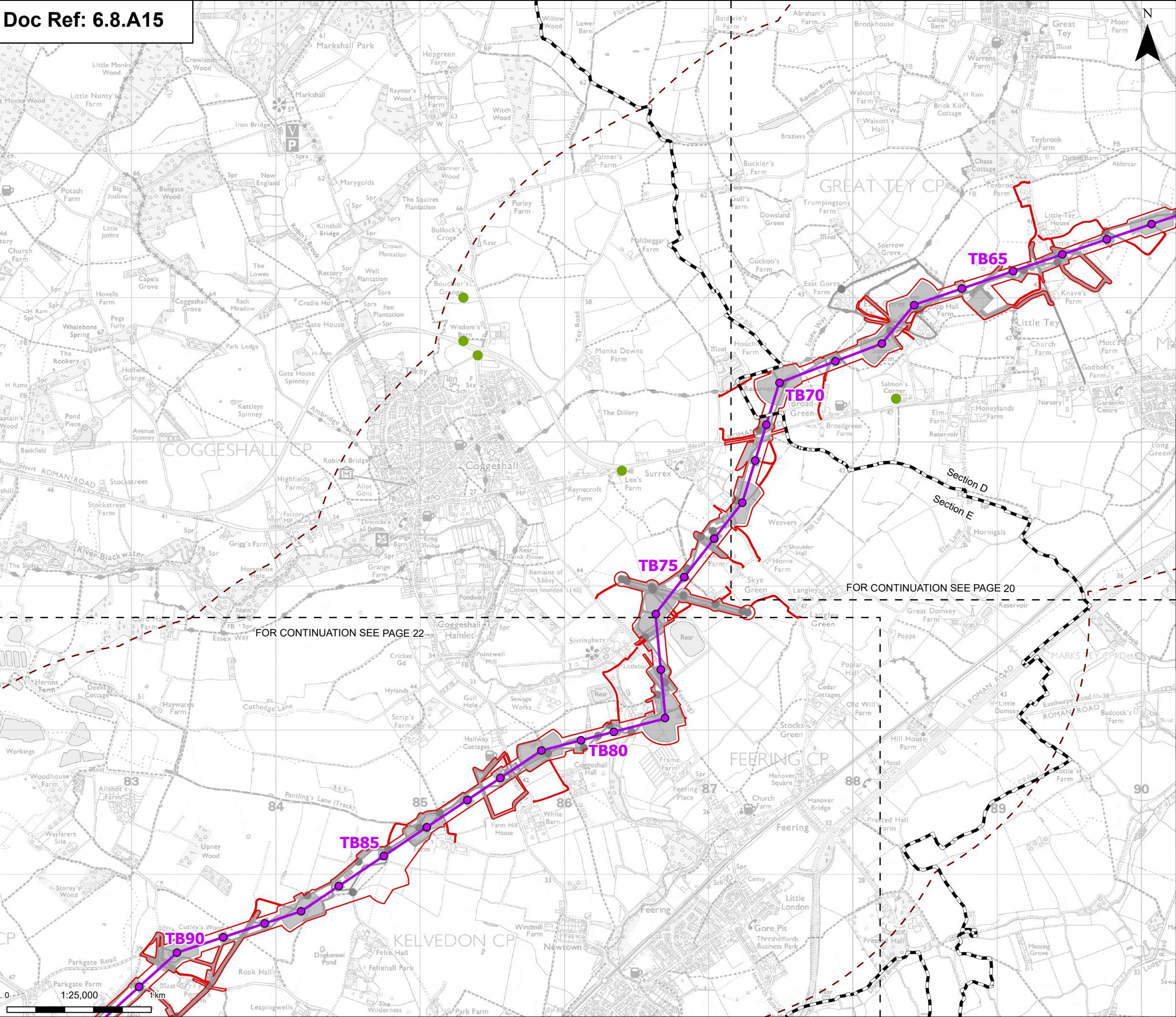
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Proposed overhead line alignment

Environmental mitigation

Other temporary and permanent construction and operational works

Discipline specific constraints

2 km Study Area

Badger

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Norwich

Cambridge

Ipswich

Chelmsford

Tilbury

London

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PROJECT:

nationalgrid

Norwich to Tilbury

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Title:

Figure A8.15.1 - Ecology and Biodiversity - Badger Records and Badger Sett Locations Recorded Within 2 km of Order Limits in the Last 10 years

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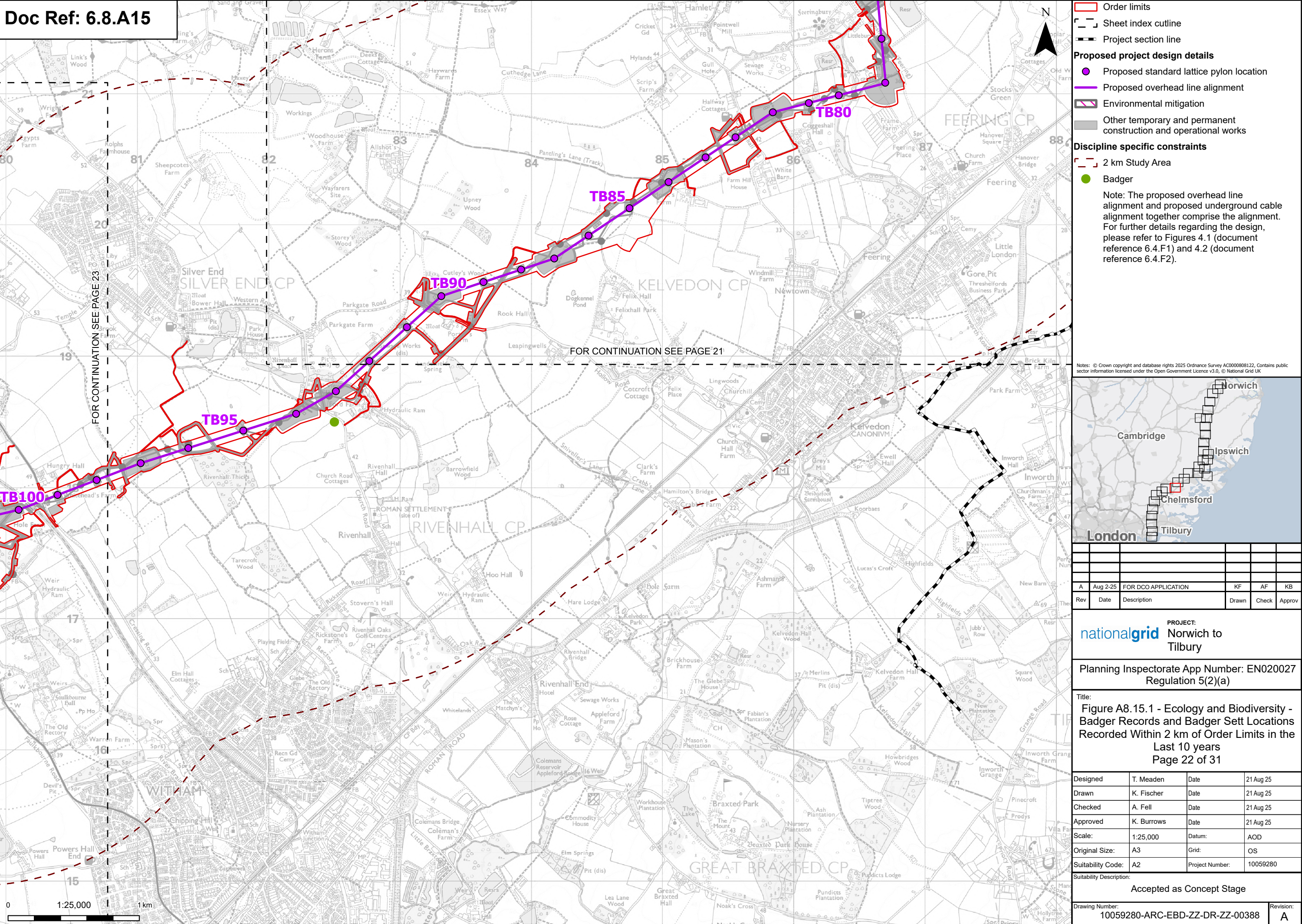
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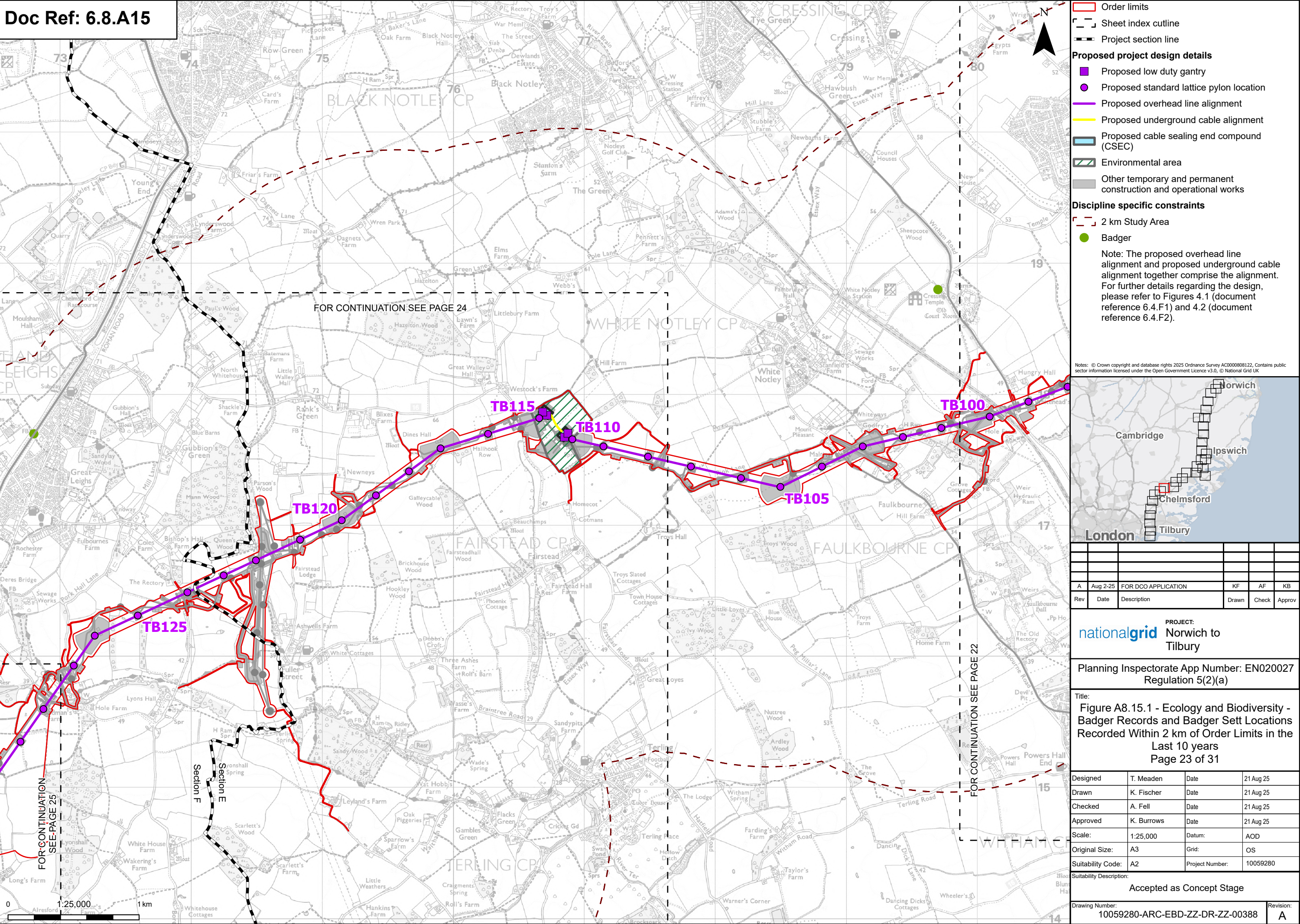
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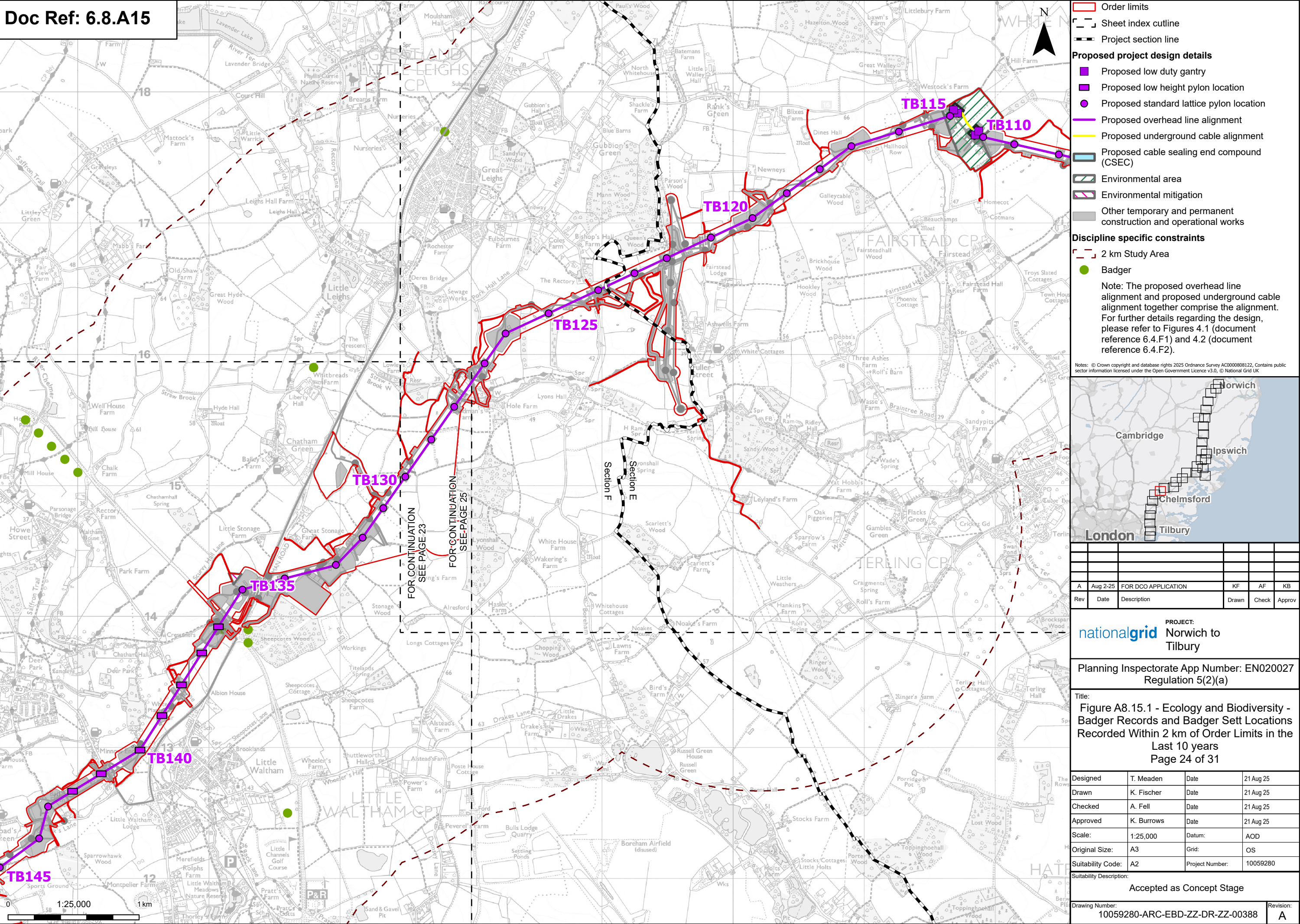
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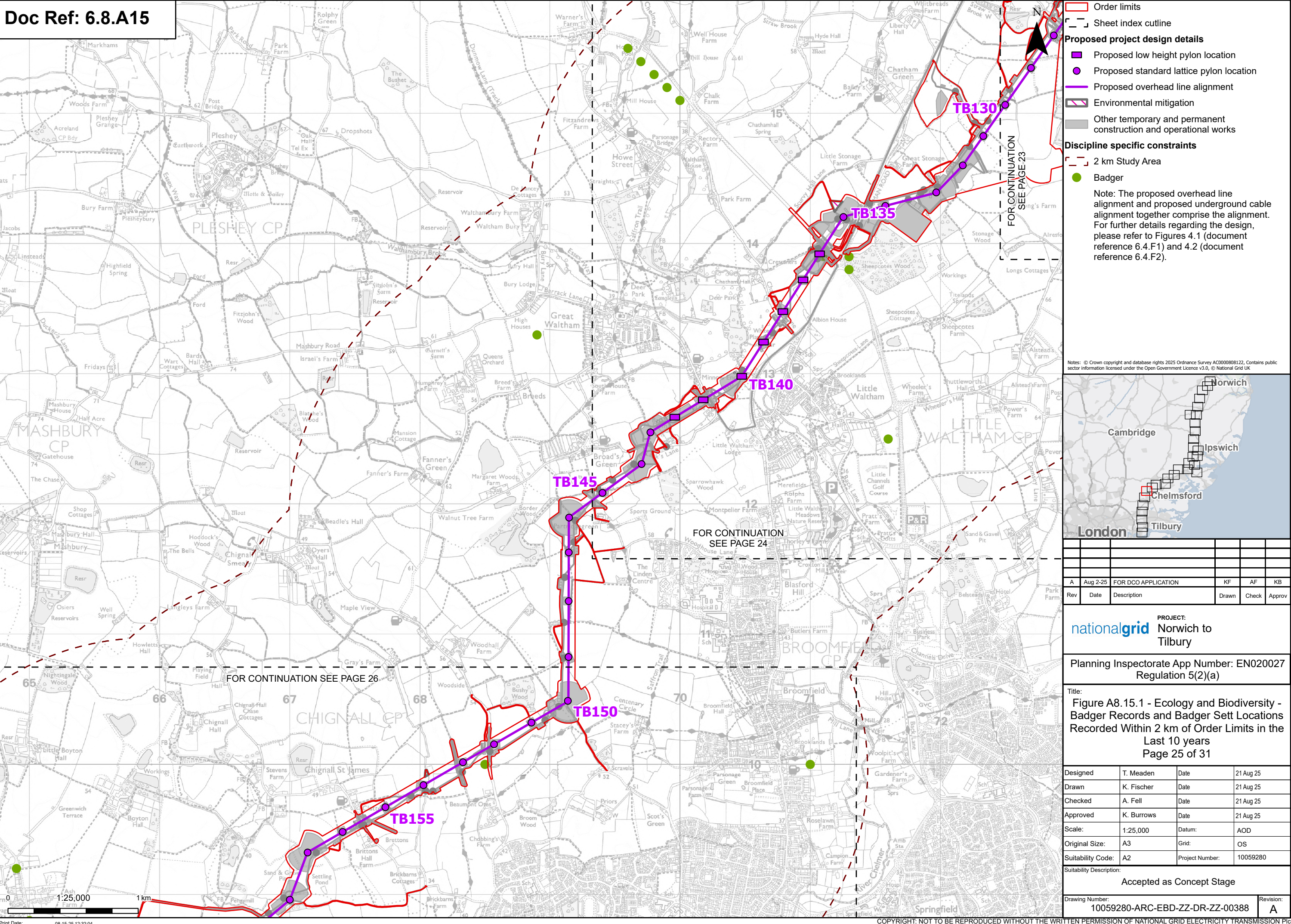
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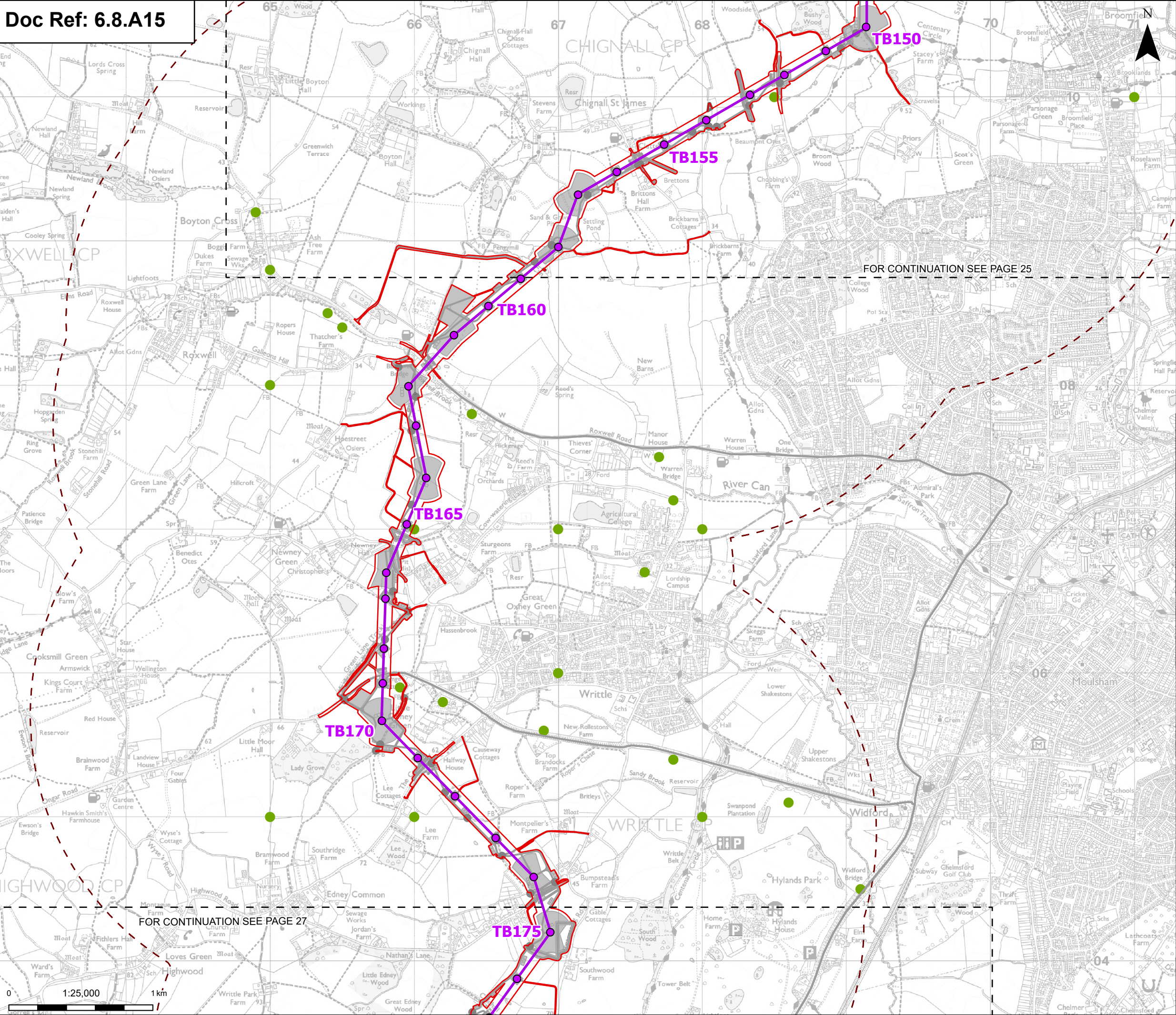
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Order limits

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Proposed standard lattice pylon location

Proposed overhead line alignment

Environmental mitigation

Other temporary and permanent construction and operational works

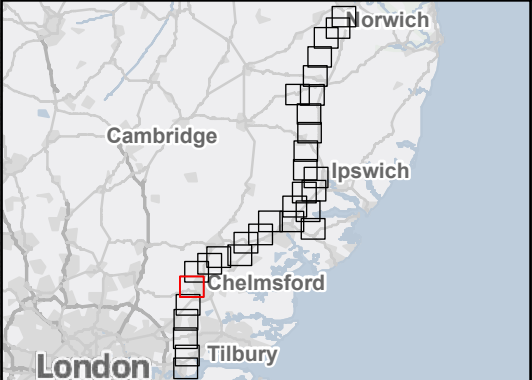
Discipline specific constraints

2 km Study Area

Badger

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:

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Norwich to Tilbury

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Title:

Figure A8.15.1 - Ecology and Biodiversity - Badger Records and Badger Sett Locations Recorded Within 2 km of Order Limits in the Last 10 years

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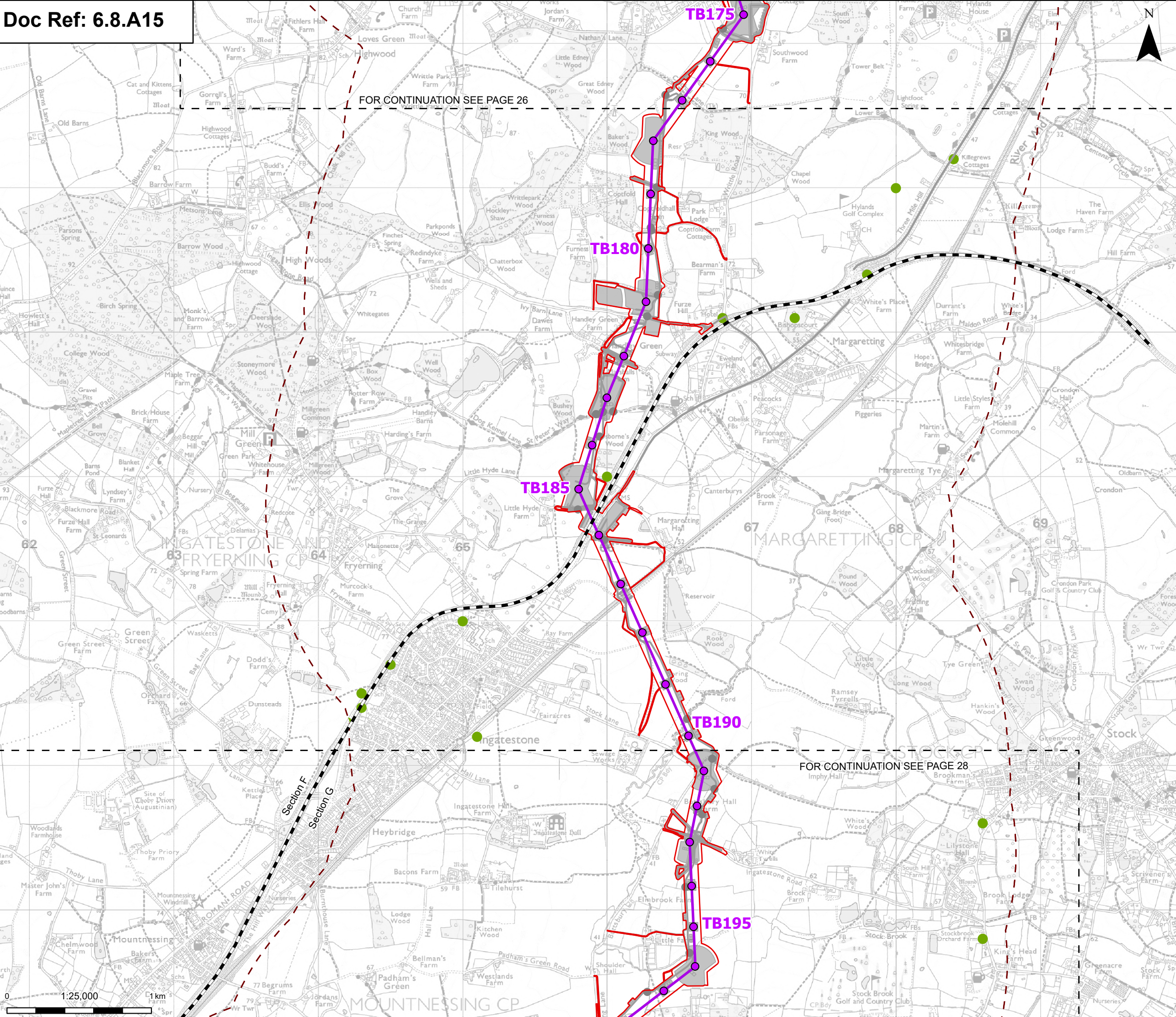
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Project section line

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Proposed standard lattice pylon location

Proposed overhead line alignment

Environmental mitigation

Other temporary and permanent construction and operational works

Discipline specific constraints

2 km Study Area

Badger

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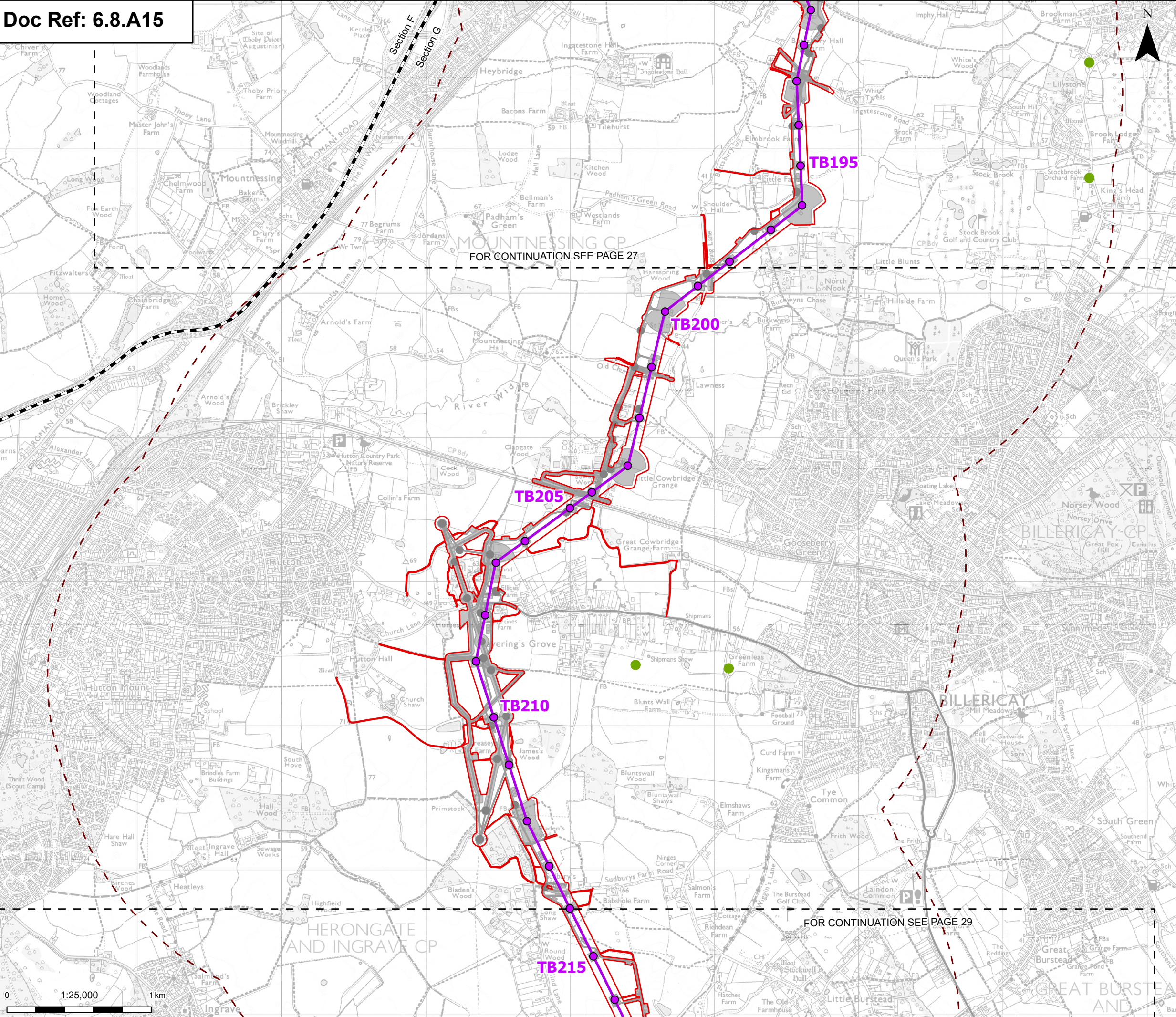
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Proposed project design details

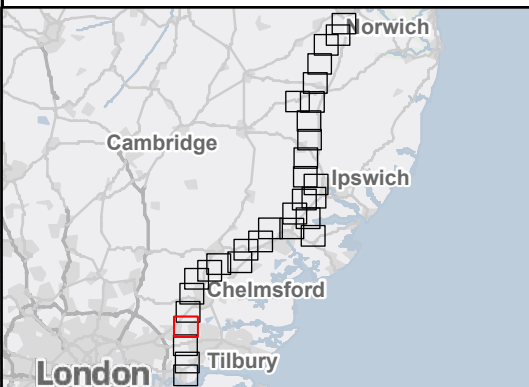
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- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 2 km Study Area
- Badger

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PROJECT:
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Title:
Figure A8.15.1 - Ecology and Biodiversity -
Badger Records and Badger Sett Locations
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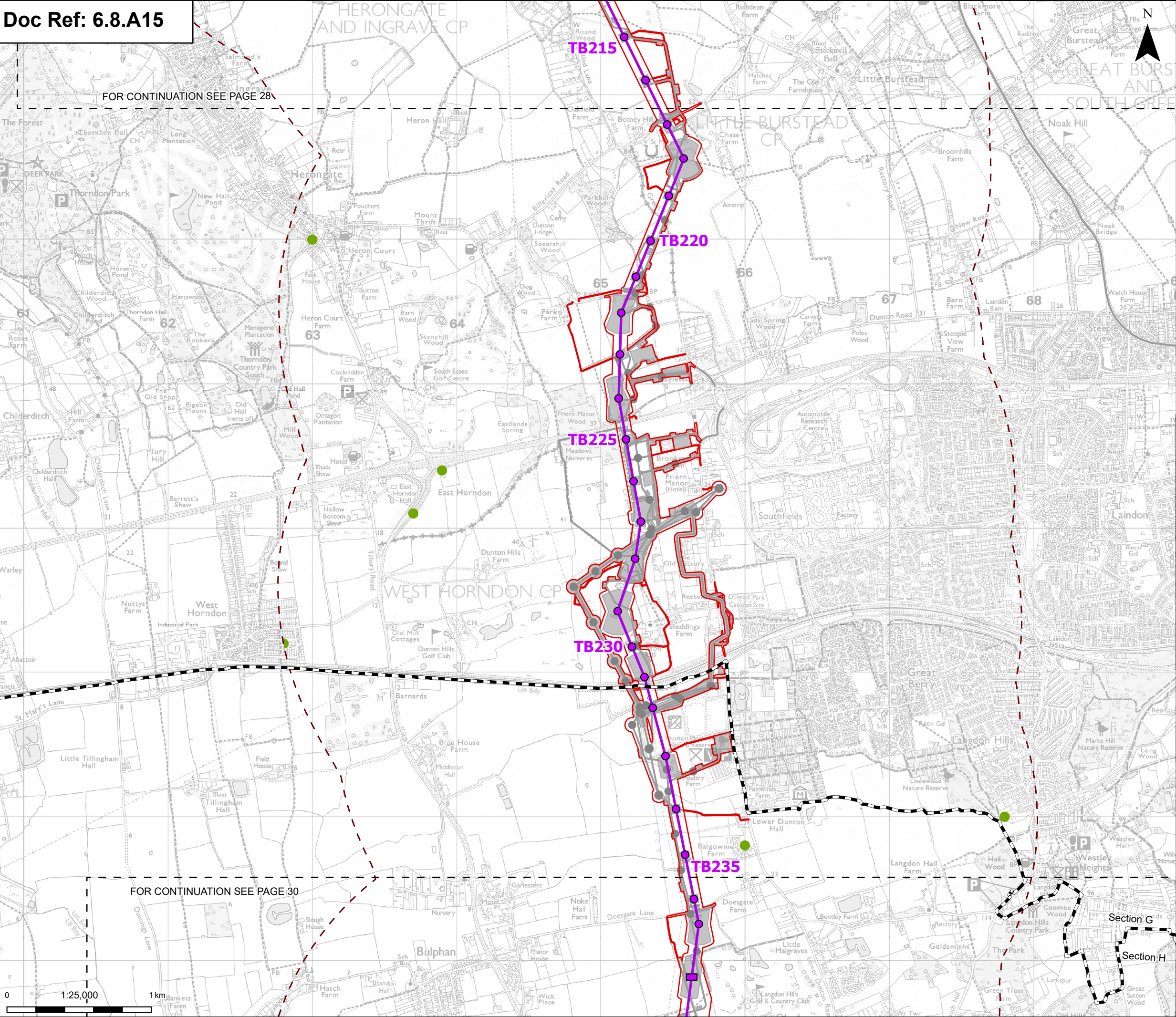
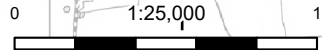
Designed	T. Meaden	Date	21 Aug 25
Drawn	K. Fischer	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00388	Revision: A
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FOR CONTINUATION SEE PAGE 28

FOR CONTINUATION SEE PAGE 30



Order limits

Sheet index outline

Project section line

Proposed project design details

Proposed low height pylon location

Proposed standard lattice pylon location

Proposed overhead line alignment

Environmental mitigation

Other temporary and permanent construction and operational works

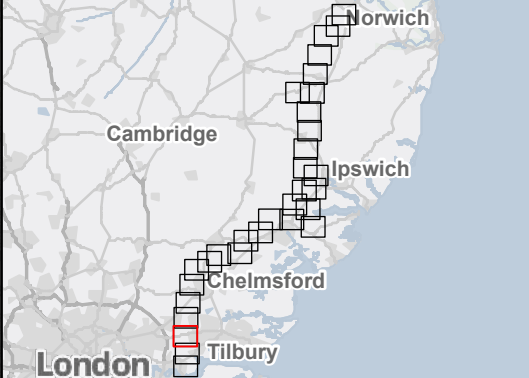
Discipline specific constraints

2 km Study Area

Badger

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

nationalgrid

PROJECT:
Norwich to
Tilbury

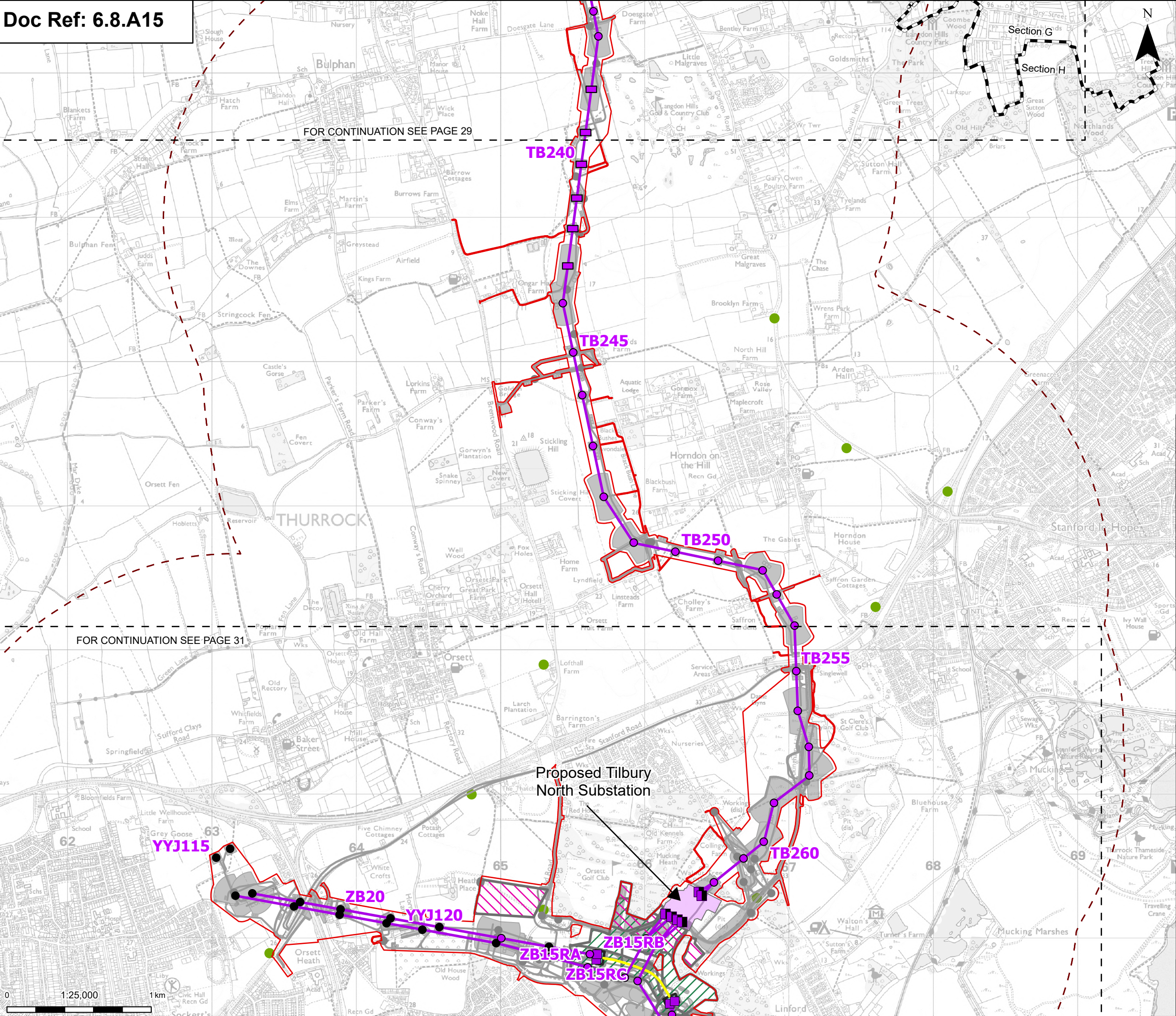
Planning Inspectorate App Number: EN020027
Regulation 5(2)(a)

Title:

Figure A8.15.1 - Ecology and Biodiversity -
Badger Records and Badger Sett Locations
Recorded Within 2 km of Order Limits in the
Last 10 years
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Designed	T. Meaden	Date	21 Aug 25
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Suitability Code:	A2	Project Number:	10059280
Suitability Description:			
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Order limits

Sheet index outline

Project section line

Proposed project design details

Proposed full line tension gantry

Proposed low duty gantry

Proposed low height pylon location

Existing pylon (modify)

Proposed standard lattice pylon location

Proposed overhead line alignment

Proposed underground cable alignment

Proposed Tilbury North Substation

Proposed cable sealing end compound (CSEC)

Environmental area

Environmental mitigation

Other temporary and permanent construction and operational works

Discipline specific constraints

2 km Study Area

Badger

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
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Figure A8.15.1 - Ecology and Biodiversity -
Badger Records and Badger Sett Locations
Recorded Within 2 km of Order Limits in the
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280
Suitability Description:			

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Revision:

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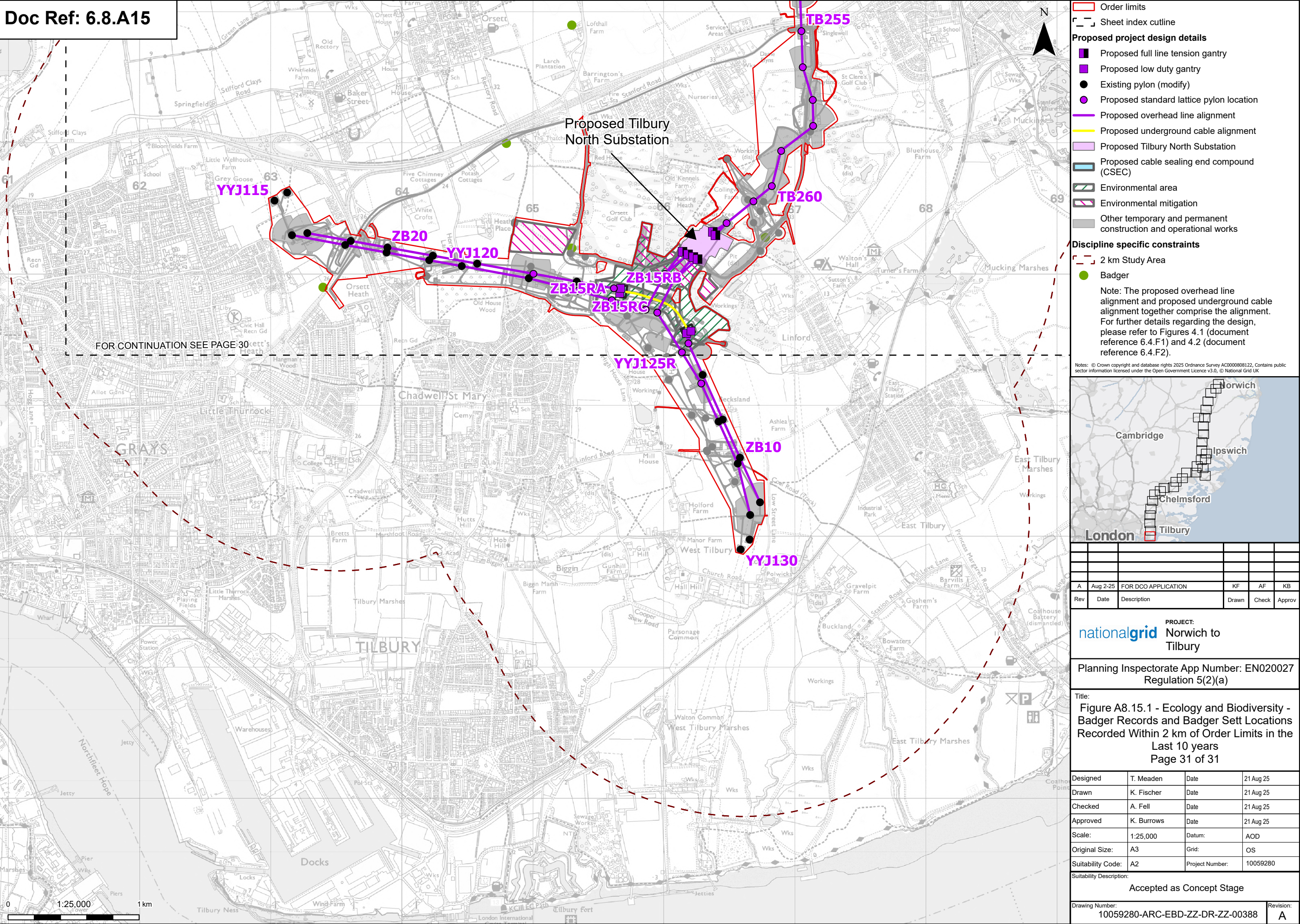


Figure A8.15.2 - Badger Sett Locations (Rev B)

FIGURE REMOVED AS IS CONFIDENTIAL

Annex B.

Badger Setts

Recorded

Annex B

Badger Setts Recorded

Table A8.15.3 Badger setts recorded

Project Section	Sett ID	Grid Reference	Sett Type	Activity Level	Sett Entrance Count	Affected by the Project (Y/N)	Sett Description/ Survey Notes
A	S1		Outlier	Inactive	1	N	Possible inactive badger outlier sett. Single hole, which could not be accessed due to dense scrub. Near to rabbit holes. Lots of rabbit activity and possible badger foraging along hedgerow.
A	S2		Outlier	Unknown	3	N	Possible badger sett, difficult to assess due to access constraints.
A	S3		Outlier	Unknown	Unknown	Y	N/A
A	S5		Outlier	Unknown	Unknown	Y	Sett entrances observed.
A	S6		Outlier	Unknown	Unknown	N	Possible badger sett along western bank of stream.
A	S8		Subsidiary	Active	Unknown	Y	Fresh sett digging.
A	S9		Main	Active	Unknown	Y	Fresh badger activity.
A	S10		Subsidiary	Active	3+	Y	Badger sett with at least three entrances. Appears active.
A	S256		Main	Active	6	N	Main sett with six entrances. Lots of excavation present, many access points and badger tracks, several latrines. Unable to access all sett entrances.

Project Section	Sett ID	Grid Reference	Sett Type	Activity Level	Sett Entrance Count	Affected by the Project (Y/N)	Sett Description/ Survey Notes
A	S262		Main	Active	16+	Y	Main badger sett with 16+ holes at the base of a steep slope. Bedding, large spoil heaps, badger hair, scratch marks at entrance points.
B	S11		Outlier	Unknown	1	Y	Badger sett with one entrance.
B	S12		Outlier	Active	2	Y	Badger sett with two entrances. Signs of foraging throughout surrounding area.
B	S13		Outlier	Active	2	Y	Badger sett with two entrances. Signs of foraging throughout
B	S15		Outlier	Unknown	1	Y	Possible badger hole.
B	S17		Outlier	Active	1	Y	Active badger sett outlier, possibly associated with larger adjacent sett (S19) which appears unused, single hole on field edge. Possibly more holes in nettles and under hedgerow.
B	S19		Subsidiary	Active	5	Y	Badger sett with approximately five entrances, large spoil mound and fresh footprints in soft mud.
B	S20		Outlier	Active	2	Y	Two sett entrances at edge of field and under hedge. Latrine pit with fresh dung and footprints in soft ground.
B	S21		Main	Active	11	Y	Multiple sett entrances with large spoil mounds and fresh excavation.
B	S23		Subsidiary	Active	2	Y	Two sett entrances with large spoil mounds and well-worn paths.

Project Section	Sett ID	Grid Reference	Sett Type	Activity Level	Sett Entrance Count	Affected by the Project (Y/N)	Sett Description/ Survey Notes
B	S24		Outlier	Active	Unknown	Y	Badger sett which appears active. Potential outlier. Recent prints on adjacent track.
B	S25		Main	Active	7+	N	Badger sett with at least seven entrance holes and large spoil mounds. At edge of agricultural field.
B	S27		Main	Active	6+	N	Badger set beneath hedgerow and in edge of field. Large, fresh, spoil mounds. At least four holes in hedge and two visible in open field.
B	S28		Outlier		1	Y	Badger sett with single entrance hole and large, spoil mound. Entrance partially obscured by leaves and light debris.
B	S30		Main	Active	6	Y	Multiple badger holes (~6), numerous latrines.
B	S31		Outlier	Active	1	N	N/A
B	S32		Outlier	Active	1	Y	N/A
B	S33		Outlier	Active	1	Y	Badger sett on the edge of a wide ditch and at base of tree.
B	S34		Outlier	Unknown	1	Y	Mammal hole at base of hedgerow on bank of ditch. Potentially outlier sett.
B	S35		Outlier	Inactive	1	Y	In field margin near hedge.
B	S36		Subsidiary	Unknown	3	Y	Three mammal holes at base of hedgerow. Badger footprints in soft mud at Edge of field nearby.

Project Section	Sett ID	Grid Reference	Sett Type	Activity Level	Sett Entrance Count	Affected by the Project (Y/N)	Sett Description/ Survey Notes
B	S39		Outlier	Inactive	2	Y	Along hedgerow. Near run and latrine
B	S41		Outlier	Active	1	Y	N/A
B	S42		Annexe	Active	2	Y	N/A
B	S48		Subsidiary	Active	4	Y	In hedge bank on the edge of the field. Near to latrine.
B	S49		Outlier	Active	2	Y	In hedge bank.
B	S50		Outlier	Active	1	Y	N/A
B	S51		Outlier	Active	1	Y	N/A
B	S52		Outlier	Active	1	N	One hole entrance. Very large spoil mound, bedding, and very large latrines.
B	S53		Outlier	Unknown	1	N	N/A
B	S56		Main	Active	9	Y	Entrance connected by well used paths, with bedding outside some entrances. Badger hair present. Not fully searched due to dense nettles
B	S57		Main	Unknown	Unknown	Y	Large badger sett, old with evidence of recent use
B	S58		Outlier	Unknown	Unknown	Y	N/A
B	S59		Outlier	Active	Unknown	Y	Outlier hole, with badger hair
B	S60		Outlier	Unknown	Unknown	Y	N/A
B	S61		Outlier	Unknown	Unknown	Y	N/A

Project Section	Sett ID	Grid Reference	Sett Type	Activity Level	Sett Entrance Count	Affected by the Project (Y/N)	Sett Description/ Survey Notes
B	S249		Main	Active	8	Y	Active badger sett, along hedge line. Associated with runs.
B	S263		Main	Active	Unknown	Y	Active main sett.
B	S302		Main	Active	5	Y	At least five active badger sett entrances. One is in the field. One is to the west where hedgerows meet.
B	S304		Outlier	Unknown	Unknown	Y	Potential outlier sett
B	S307		Outlier	Unknown	1	N	Potential outlier sett with single hole, under hedge
B	S308		Subsidiary	Active	3+	Y	Sett with at least 3 holes spread across ~30m, clear trails into hedgerow and wider landscape
B	S309		Main	Unknown	Unknown	Y	Large sett likely main under and around ash tree. Many scattered holes and likely more inaccessible
B	S310		Annexe	Unknown	Unknown	Y	Several large holes in larger hole beside arable field.
B	S311		Subsidiary	Active	4+	Y	Very active sett according to owner, at least 4 holes can be seen on the bank, others are inaccessible.
B	S316		Outlier	Unknown	Unknown	Y	N/A
B	S317		Annexe	Unknown	Unknown	N	N/A
B	S327		Main	Active	5	Y	Appears to be an artificial sett built as mitigation. Fresh digging and well used runs

Project Section	Sett ID	Grid Reference	Sett Type	Activity Level	Sett Entrance Count	Affected by the Project (Y/N)	Sett Description/ Survey Notes
							noted. Holes leading south into scrub. Heras fencing laid flat over some holes, badgers still accessing.
B	S331		Outlier	Inactive	2	Y	Holes in bank leading north. Holes covered with detritus.
B	S344		Annexe	Active	4	Y	4 holes north facing. Active with large spoil heap and no brash covering holes. Set into bank by woodland.
<u>B</u>	<u>S346</u>		<u>Outlier</u>	<u>Inactive</u>	<u>1</u>	<u>Y</u>	<u>One active entrance.</u>
<u>B</u>	<u>S357</u>		<u>Subsidiary</u>	<u>Unknown</u>	<u>5</u>	<u>N (adjacent to existing road)</u>	<u>Active sett with five entrances.</u>
<u>B</u>	<u>S358</u>		<u>Outlier</u>	<u>Active</u>	<u>2</u>	<u>N (adjacent to existing road)</u>	<u>Two entrances approximately 10 m apart.</u>
<u>B</u>	<u>S359</u>		<u>Outlier</u>	<u>Active</u>	<u>3</u>	<u>N (adjacent to existing road)</u>	<u>Three holes, adjacent to road in bank.</u>
<u>B</u>	<u>S360</u>		<u>Outlier</u>	<u>Active</u>	<u>1</u>	<u>N (adjacent to existing road)</u>	<u>Single hole with spoil pile. Appears active.</u>
<u>B</u>	<u>S361</u>		<u>Outlier</u>	<u>Active</u>	<u>2</u>	<u>N (adjacent to existing road)</u>	<u>Two hole badger sett, appears active.</u>
<u>B</u>	<u>S365</u>		<u>Outlier</u>	<u>Active</u>	<u>2</u>	<u>Y</u>	<u>Large badger hole at base of bank, smaller hole approximately 5 m above higher on bank.</u>
<u>B</u>	<u>S366</u>		<u>Subsidiary</u>	<u>Inactive</u>	<u>=</u>	<u>N (within 30 m of permanent)</u>	<u>Badger sett, appears old with multiple disused entrances.</u>

Project Section	Sett ID	Grid Reference	Sett Type	Activity Level	Sett Entrance Count	Affected by the Project (Y/N)	Sett Description/ Survey Notes
							<u>access track for use by 4x4s)</u>
<u>B</u>	<u>S371</u>		<u>Main</u>	<u>Active</u>	<u>12</u>	<u>Y</u>	<u>Very fresh excavation in field, at least 12 entrances in field and nearby ditch embankment.</u>
<u>B</u>	<u>S380</u>		<u>Outlier</u>	<u>Disused</u>	<u>1</u>	<u>Y</u>	<u>Disused outlier further to the east of main sett S263.</u>
C	S63		Outlier	Active	Unknown	Y	Active outlier sett
C	S64		Outlier	Active	1	Y	N/A
C	S65		Outlier	Unknown	Unknown	Y	Large mammal hole top of bank
C	S66		Outlier	Active	1	Y	N/A
C	S67		Outlier	Active	1	Y	N/A
C	S68		Outlier	Unknown	Unknown	Y	N/A
C	S69		Outlier	Active	Unknown	Y	N/A
C	S70		Main	Active	Unknown	Y	N/A
C	S71		Main	Active	Unknown	Y	N/A
C	S72		Outlier	Unknown	1	Y	N/A
C	S74		Main	Active	Unknown	Y	N/A
C	S75		Outlier	Active	1	Y	N/A
C	S76		Outlier	Active	1	Y	N/A

Project Section	Sett ID	Grid Reference	Sett Type	Activity Level	Sett Entrance Count	Affected by the Project (Y/N)	Sett Description/ Survey Notes
C	S77		Outlier	Active	Unknown	Y	N/A
C	S102		Annexe	Active	2	N	Tunnels leading to north.
C	S106		Main	Partially Active	5	Y	On field margin
C	S107		Subsidiary	Partially Active	6	Y	Along field margin, close to another sett.
C	S108		Main	Active	7	Y	In coniferous woodland, by the road.
C	S110		Main	Active	5	Y	In mixed woodland by ponds.
C	S118		Outlier	Inactive	3+	N	Possibly more entrances
C	S119		Outlier	Unknown	Unknown	Y	N/A
C	S120		Outlier	Active	Unknown	Y	N/A
C	S121		Outlier	Active	1	Y	Large badger hole in bankside. Leading north-west.
C	S124		Outlier	Unknown	1	Y	N/A
C	S126		Outlier	Active	1	Y	Single hole with large spoil heap. Snuffle pits found surrounding it.
C	S128		Outlier	Unknown	1	Y	Possibly active. one hole, some grass at entrance.
C	S129		Main	Active	7	Y	Recent activity, 7 entrances. Main sett
C	S264		Main	Active	7+	N	N/A

Project Section	Sett ID	Grid Reference	Sett Type	Activity Level	Sett Entrance Count	Affected by the Project (Y/N)	Sett Description/ Survey Notes
C	S266		Main	Active	5	Y	First visit identified multiple badger holes along the tree line, with vegetation in entrance. Second visit identified a well-used mammal path connecting two recently used entrances. Old bedding at entrance and a latrine near one of entrances.
C	S288		Outlier	Active	2	Y	N/A
C	S289		Outlier	Active	4	N	N/A
C	S290		Outlier	Active	1	Y	N/A
C	S296		Outlier	Active	3	Y	3 entrance holes with fresh digging.
C	S301		Outlier	Unknown	Unknown	Y	N/A
C	S319		Outlier	Inactive	4	N	Inactive sett within woodland parcel, heavily used by rabbits now
C	S320		Subsidiary	Active	1	Y	Active sett. Single hole adjacent to field with track leading into dense scrub
C	S336		Outlier	Active	Unknown	Y	Clear pathing leading to moderately large burrow.
C	S339		Outlier	Unknown	Unknown	N	N/A
<u>C</u>	<u>S345</u>		<u>Outlier</u>	<u>Active</u>	<u>2</u>	<u>Y</u>	<u>Three active holes approximately 30 m apart along ditch. Bedding material and latrines outside entrances.</u>
<u>C</u>	<u>S348</u>		<u>Outlier</u>	<u>Unknown</u>	<u>2</u>	<u>Y</u>	<u>The east facing entrances with a large spoil mound.</u>

Project Section	Sett ID	Grid Reference	Sett Type	Activity Level	Sett Entrance Count	Affected by the Project (Y/N)	Sett Description/ Survey Notes
<u>C</u>	<u>S370</u>		<u>Outlier</u>	<u>Active</u>	<u>1</u>	<u>Y</u>	<u>Sett with single observable entrance under field maple tree, appears to be active.</u>
<u>C</u>	<u>S372</u>		<u>Subsidiary</u>	<u>Unknown</u>	<u>6</u>	<u>N</u>	<u>Sett with at least 6 entrances though seems unused at time of survey. Entrances don't seem collapsed or full of litter, difficult to assess as disused.</u>
<u>C</u>	<u>S373</u>		<u>Outlier</u>	<u>Active</u>	<u>1</u>	<u>Y</u>	<u>Single entrance along Raydon Road.</u>
<u>C</u>	<u>S374</u>		<u>Outlier</u>	<u>Active</u>	<u>1</u>	<u>Y</u>	<u>Single entrance along Raydon Road.</u>
<u>C</u>	<u>S375</u>		<u>Outlier</u>	<u>Active</u>	<u>2</u>	<u>Y</u>	<u>Multiple entrances in field boundary.</u>
<u>C</u>	<u>S376</u>		<u>Main</u>	<u>Active</u>	<u>5</u>	<u>Y</u>	<u>Multiple entrances in field boundary.</u>
<u>C</u>	<u>S377</u>		<u>Subsidiary</u>	<u>Active</u>	<u>Multiple</u>	<u>Y</u>	<u>Multiple entrances in field boundary.</u>
<u>C</u>	<u>S381</u>		<u>Outlier</u>	<u>Active</u>	<u>1</u>		<u>Single entrance outlier on southern extent of woodland block.</u>
D	S125		Outlier	Unknown	Unknown	Y	Large mammal borrow at edge of woodland and farm track
D	S127		Outlier	Active	1	Y	Single badger hole, leading west.
D	S130		Annexe	Active	4	Y	Four holes visible, dense bramble probably covering more. Likely an Annexe to S131
D	S131		Main	Active	8	N	Active sett, with latrines
D	S135		Outlier	Unknown	Unknown	N	N/A
D	S136		Main	Active	Unknown	Y	N/A

Project Section	Sett ID	Grid Reference	Sett Type	Activity Level	Sett Entrance Count	Affected by the Project (Y/N)	Sett Description/ Survey Notes
D	S137		Outlier	Unknown	1	Y	Badger sett single tunnel entrance with leaf litter in tunnel.
D	S139		Outlier	Unknown	Unknown	Y	Large mammal hole.
D	S140		Outlier	Active	3	Y	N/A
D	S141		Outlier	Unknown	Unknown	Y	Large spoil heap and hole. possible outlier.
D	S142		Main	Unknown	8	N	N/A
D	S143		Outlier	Active	1	N	Bedding near entrance
D	S144		Outlier	Unknown	Unknown	N	Possible badger sett. Not assessed as active wasp nest.
D	S146		Outlier	Active	1	Y	N/A
D	S147		Outlier	Active	1	Y	Tunnel along tree line
D	S148		Outlier	Active	1	N	Single entrance with large latrine 1 m away. Tunnel going south. Badger path running across footpath into arable field.
D	S149		Subsidiary	Active	4	N	Subsidiary annex 30 m from main sett on north side of footpath
D	S246		Main	Active	15-18	Y	A very active main sett in the ditch bank. Hole count of 15 to 18 entrances approximate as some spoil noted in dense scrub. Holes leading southwards into field. Fresh spoil, bedding and extensive runs all recorded.

Project Section	Sett ID	Grid Reference	Sett Type	Activity Level	Sett Entrance Count	Affected by the Project (Y/N)	Sett Description/ Survey Notes
D	S247		Main	Active	30	Y	A large sett within the bankside of a ditch. 30 holes counted, possibly more in dense scrub. Holes generally leading south towards field.
D	S248		Main	Active	30+	Y	Main sett with over 30 entrances. In field and along banks within vegetation
D	S254		Main	Active	10	N	Large very active sett with entrances spreading into nettle beds and woodland to the south.
D	S335		Outlier	Active	1	N	N/A
D	S337		Main	Active	7+	N	Badger sett identified with at least 7 entrances. Badger hairs at entrance so appears active.
<u>D</u>	<u>S352</u>		<u>Subsidiary</u>	<u>Active</u>	<u>4</u>	<u>Y</u>	<u>Active sett with at least four entrances and fresh latrines.</u>
<u>D</u>	<u>S354</u>		<u>Subsidiary</u>	<u>Active</u>	<u>4</u>	<u>N (potential pulling activities 40 m away).</u>	<u>Sett with four entrances located in hedgerow between arable fields</u>
<u>D</u>	<u>S355</u>		<u>Outlier</u>	<u>Active</u>	<u>2</u>	<u>Y</u>	<u>Active sett with two entrances</u>
<u>D</u>	<u>S356</u>		<u>Subsidiary</u>	<u>Active</u>	<u>7</u>	<u>Y</u>	<u>Active sett with >7 entrances</u>
<u>D</u>	<u>S362</u>		<u>Outlier</u>	<u>Active</u>	<u>1</u>	<u>Y</u>	<u>Badger hole possible outlier sett, remnant maize cobs and scat on top, leads through to adjacent field</u>

Project Section	Sett ID	Grid Reference	Sett Type	Activity Level	Sett Entrance Count	Affected by the Project (Y/N)	Sett Description/ Survey Notes
<u>D</u>	<u>S363</u>		<u>Outlier</u>	<u>Unknown</u>	<u>1</u>	<u>Y</u>	<u>Single hole sett under tree, likely outlier. May be historic</u>
<u>D</u>	<u>S364</u>		<u>Subsidiary</u>	<u>Active</u>	<u>5</u>	<u>Y</u>	<u>Suspected badger sett. Two holes look active but five holes total.</u>
E	S155		Outlier	Active	1	N	West leading hole
E	S156		Outlier	Active	1	Y	South leading
E	S157		Outlier	Active	2	Y	Active sett, with badger hair, snuffle holes in proximity
E	S158		Outlier	N/A	N/A	Y	Badger sett, does not look currently active
E	S159		Outlier	Unknown	Unknown	Y	N/A
E	S160		Outlier	Active	1	Y	Single hole leading under access track.
E	S161		Outlier	Active	4	Y	Badger sett at top of steep bank, burrows heading towards arable field. Sett under wych elm tree.
E	S162		Outlier	Active	1	Y	Animal crossing point over tree, set leading to field
E	S166		Main	Active	Unknown	Y	Sett entrances all the way along this bank with pathways, large spoil heaps, and bedding visible near entrances
E	S322		Outlier	Inactive	1	Y	Fairly compacted mound with single hole below pylon. Viewing perspective poor, appears unused or currently used by rabbits.

Project Section	Sett ID	Grid Reference	Sett Type	Activity Level	Sett Entrance Count	Affected by the Project (Y/N)	Sett Description/ Survey Notes
E	S343		Main	Active	7	Y	Very active main sett. Bedding material present and fresh spoil heaps.
<u>E</u>	<u>S350</u>		<u>Outlier</u>	<u>Unknown</u>	<u>1</u>	<u>Y</u>	<u>Hidden sett entrance. Bedding in entrance</u>
<u>E</u>	<u>S351</u>		<u>Subsidiary</u>	<u>Unknown</u>	<u>-</u>	<u>Y</u>	<u>Sett with multiple entrances</u>
<u>E</u>	<u>S378</u>		<u>Outlier</u>	<u>Active</u>	<u>1</u>	<u>Y</u>	<u>Single badger sett entrance in a field boundary.</u>
F	S167		Outlier	Unknown	1	N	N/A
F	S168		Subsidiary	Unknown	3	Y	N/A
F	S169		Outlier	Unknown	1	Y	Possible outlier, single hole on edge of hedgerow, covered by grass
F	S170		Outlier	Unknown	1	N	Possible badger hole. single hole, partially blocked by grass so unlikely to be active. Adjacent two further holes.
F	S171		Outlier	Unknown	Unknown	N	Filled in burrows. Fox or dog faeces nearby, possible outlier sett. Mammal pathways and snuffle holes along hedgerow.
F	S172		Outlier	Unknown	Unknown	Y	Outlier sett entrance, couple of holes at hedgerow base.
F	S173		Outlier	Inactive	5	N	Old sett amongst woodland.
F	S174		Outlier	Active	2	N	Two holes in hedgerow. Holes lead south and active latrine outside hole entrance.
F	S175		Outlier	Active	1	N	Single hole leading under field.

Project Section	Sett ID	Grid Reference	Sett Type	Activity Level	Sett Entrance Count	Affected by the Project (Y/N)	Sett Description/ Survey Notes
F	S176		Outlier	Active	1	Y	N/A
F	S177		Outlier	Active	1	Y	Single hole in bankside leading north.
F	S178		Outlier	Inactive	1	N	Single entrance sett looks to be an old rabbit hole that has been dug out by a larger animal such as badger. Inactive and whilst there are clear runs through the hedge there was no other evidence of setts or entrances.
F	S180		Outlier	Unknown	Unknown	N	No main badger setts found. Two single holes found, but woodland hard to survey due to dense cow parsley and nettle vegetation up to 2 m tall.
F	S181		Subsidiary	Active	Unknown	Y	Sett located on field margin ditch with several entrances, fresh spoil mounds and dead badger (cause of death not obvious).
F	S182		Main	Unknown	Unknown	Y	Several badger sett entrances on west side of ditch with well worn, pathways and large, spoil mounds.
F	S183		Outlier	Unknown	2	Y	Two badger sett entrances on west bank of stream.
F	S184		Outlier	Active	Unknown	Y	Potential outlier sett. Small number of entrances. Recently active.
F	S185		Outlier	Active	2	N	2 sett entrances, 1 clear, 1 partially blocked. No prints, hair or spoil heap, cobweb partially covering one entrance.

Project Section	Sett ID	Grid Reference	Sett Type	Activity Level	Sett Entrance Count	Affected by the Project (Y/N)	Sett Description/ Survey Notes
F	S186		Main	Active	Unknown	Y	Badger sett with multiple entrances. Some disused and collapsing. But recent excavations on some tunnels with fresh spoil mounds.
F	S187		Outlier	Active	1	N	Badger sett with large fresh spoil heap, snuffle holes in the area with clear claw marks. Unable to investigate further due to accessibility issues.
F	S189		Outlier	Unknown	Unknown	Y	Badger sett entrance with large spoil mound on sloping bank at edge of field.
F	S190		Outlier	Unknown	Unknown	Y	Badger holes mixed with rabbit holes. Spoil heap, but lack of further signs. Appears used by rabbits due to abundance or rabbit holes in proximity and droppings in the entrances.
F	S191		Outlier	Unknown	1	Y	N/A
F	S193		Outlier	Unknown	Unknown	Y	N/A
F	S194		Outlier	Active	1	Y	One hole on road embankment, close to freshly dead badger.
F	S195		Main	Partially Active	9	Y	Nine entrances suggesting main sett. At least half of the entrances are covered with vegetation suggesting inactivity. Latrine present in old hole, but no fresh spoil heaps or tracks. Partially active sett.
F	S196		Outlier	Active	1	N	Active single entrance outlier. clumps of badger hair in the entrance.

Project Section	Sett ID	Grid Reference	Sett Type	Activity Level	Sett Entrance Count	Affected by the Project (Y/N)	Sett Description/ Survey Notes
F	S199		Subsidiary	Active	4	Y	All sett entrances are clear from debris and open, so they may still be active. All entrances are heading west alongside the ditch.
F	S200		Outlier	Unknown	1	Y	N/A
F	S201		Main	Active	6	Y	Badger sett on sloping bank of field margin. Approx 6 holes visible with spoil mounds, old bedding and mammal paths. Latrine with fresh dung at top of bank. Footprints seen on field margin nearby.
F	S202		Outlier	Unknown	1	Y	Sett entrance with spoil mound beneath grown out hedge vegetation on field margin.
F	S204		Outlier	Active	1	Y	A single hole outlier sett. The hole is free from debris and likely to be active. Hole heads eastwards.
F	S207		subsidiary	Active	9	Y	Approximately half are partially collapsed and the remainder are likely to be partially active.
F	S208		Main	Active	6+	N	More active looking holes than those at the Eastern end of woodland strip, likely to be the main. Very well-worn paths and badger hairs at hole entrances. All holes are in the southern bank.
F	S241		Main	Active	13	N	Two additional holes in the Arable field.

Project Section	Sett ID	Grid Reference	Sett Type	Activity Level	Sett Entrance Count	Affected by the Project (Y/N)	Sett Description/ Survey Notes
F	S243		Main	Active	5	Y	Large and very fresh spoil and bedding. In ditch/hedgerow. Entrance holes leading east under fields.
F	S245		Subsidiary	Active	4+	Y	One clear likely badger sett entrance onto path. Direction goes under dense scrub likely disgusting a larger sett. Can see at least 4 entrances from opposite side if scrub. Inaccessible so could be more. Does not look active enough to be a main sett.
F	S267		Main	Active	21	Y	N/A
F	S269		Outlier	Active	2	N	N/A
F	S270		Subsidiary	Active	6	Y	N/A
F	S271		Outlier	Inactive	2	N	N/A
F	S272		Annexe	Unknown	4	N	Annex to S241
F	S273		Annexe	Active	5	Y	N/A
F	S274		Outlier	Active	3	Y	N/A
F	S276		Outlier	Active	3	Y	N/A
F	S323		Outlier	Active	1	Y	One entrance badger sett dug into bank of drainage ditch, North side.
F	S324		Subsidiary	Active	2+	Y	Active sett with at least 2 entrances with recently used latrines and well-worn paths outside.
<u>F</u>	<u>S367</u>		<u>Outlier</u>	<u>Active</u>	<u>1</u>	<u>Y</u>	<u>Single entrance outlier.</u>

Project Section	Sett ID	Grid Reference	Sett Type	Activity Level	Sett Entrance Count	Affected by the Project (Y/N)	Sett Description/ Survey Notes
<u>F</u>	<u>S379</u>		<u>Subsidiary</u>	<u>Active</u>	<u>2+</u>	<u>N</u>	<u>Multiple entrance subsidiary in field boundary.</u>
G	S210		Outlier	Active	2	Y	Active probable outlier sett. 2 entrances visible.
G	S211		Subsidiary	Unknown	7	Y	Four entrances observed due to access constraints. The landowner advised that there were ~7 in total.
G	S213		Annexe	Active	2+	Y	Landowner reported the sett is used frequently.
G	S214		Outlier	Inactive	1	Y	Single hole leading into field, appears inactive.
G	S217		Subsidiary	Active	1	Y	A large hole in the Bankside with recent digging and bedding.
G	S218		Subsidiary	Active	1	Y	Single hole in Bankside, recent digging connected to larger sett through trails.
G	S219		Outlier	Active	2	Y	Two large holes in Bankside. Leading south. Lots of recent digging and bedding found.
G	S220		Main	Active	5	N	Five large holes in Bankside leading south. Extensive digging, bedding and latrines noted.
G	S222		Outlier	Inactive	Unknown	Y	Disused outlier sett in the dense Hawthorne and bramble scrub. No signs of recent use and attached to a rabbit warren.
G	S325		Outlier	Active	1	Y	N/A

Project Section	Sett ID	Grid Reference	Sett Type	Activity Level	Sett Entrance Count	Affected by the Project (Y/N)	Sett Description/ Survey Notes
G	S326		Outlier	Active	1	Y	N/A
<u>G</u>	<u>S347</u>		<u>Subsidiary</u>	<u>Active</u>	<u>7</u>	<u>Y</u>	<u>N/A</u>
<u>G</u>	<u>S349</u>		<u>Outlier</u>	<u>Inactive</u>	<u>3</u>	<u>Y</u>	<u>Inactive sett with three entrances.</u>
<u>G</u>	<u>S353</u>		<u>Outlier</u>	<u>Active</u>	<u>1</u>	<u>Y</u>	<u>Single entrance with a path leading north.</u>
<u>G</u>	<u>S368</u>		<u>Outlier</u>	<u>Active</u>	<u>1</u>	<u>Y</u>	<u>Badger sett at base of tree trunk.</u>
<u>G</u>	<u>S369</u>		<u>Outlier</u>	<u>Unknown</u>	<u>1</u>	<u>Y</u>	<u>Possible Outlier sett.</u>
H	S225		Outlier	Unknown	Unknown	N	N/A
H	S226		Outlier	Active	1	Y	Sett facing east. On border of cereal crop field.
H	S228		Outlier	Active	Unknown	Y	Badger sett which appears active. Multiple holes.
H	S229		Main	Unknown	3	N	N/A
H	S230		Main	Active	7	N	Fresh latrine observed.
H	S240		Main	Inactive	19	N	Overgrown setts, no recent activity, but close to a golf course.
H	S244		Main	Inactive	15	Y	Large sett with around 15 entrances. Most look disused and overgrown, but one entrance shows signs of compact soil at entrance, could be human disturbance, rabbits or potential activity. Two older latrines found nearby NW.

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