AENC-ARC-ENV-REP-0154

Norwich to Tilbury

Volume 6: Environmental Statement

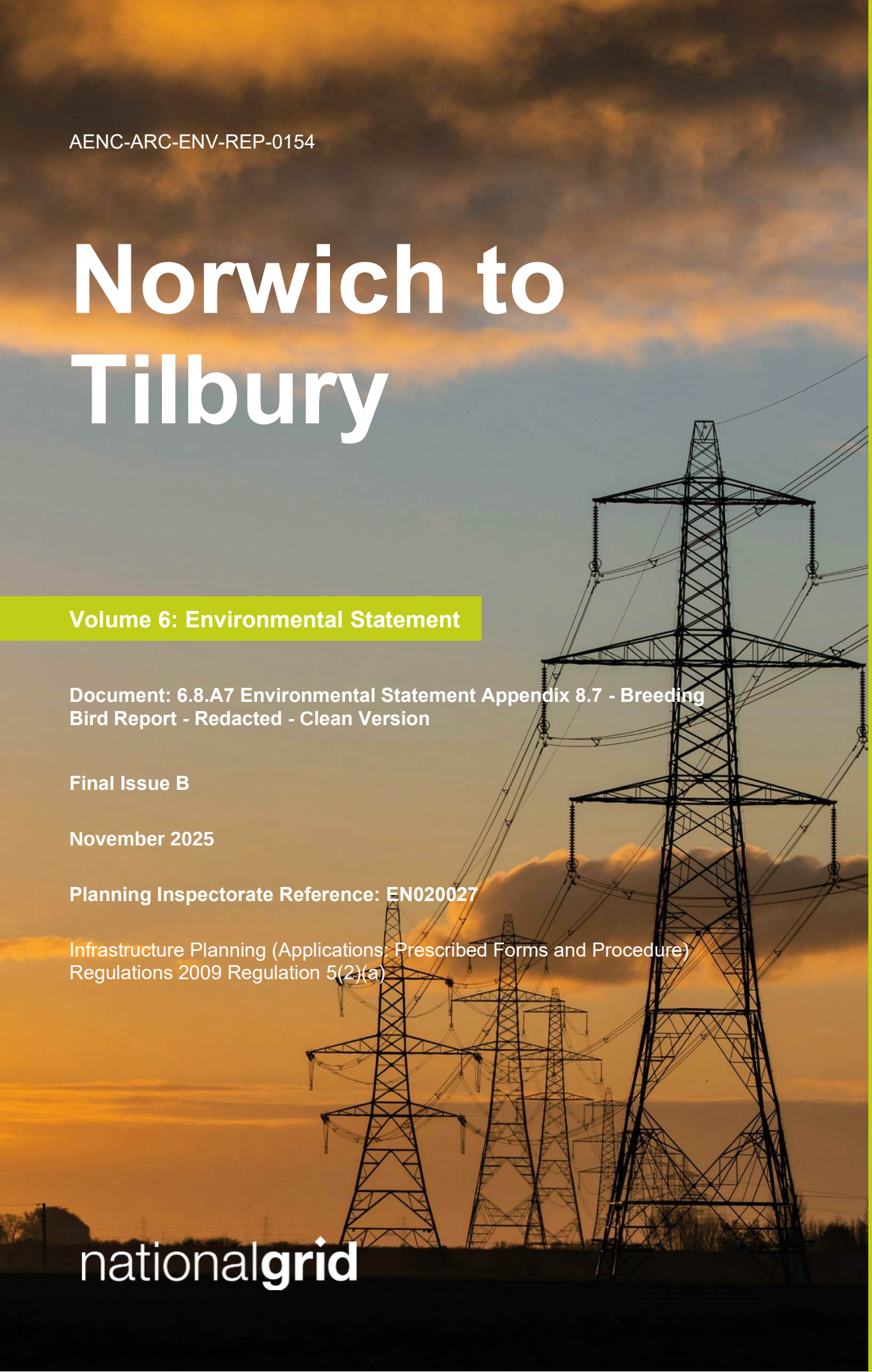
Document: 6.8.A7 Environmental Statement Appendix 8.7 - Breeding Bird Report - Redacted - Clean Version

Final Issue B

November 2025

Planning Inspectorate Reference: EN020027

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



nationalgrid

Revision History

Version	Date	Submitted at
A	29 August 2025	DCO Application
B	17 November 2025	Providing supplementary environmental information to Responses to advice provided under section 51 of the Planning Act 2008 by the Planning Inspectorate

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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 this report 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). The methodology applied in this report supports the data collection for Chapter 8: Ecology and Biodiversity (document reference 6.8) (Rev B) and have been discussed and agreed in advance with Natural England and the Local Planning Authorities.

1.1.3 It was anticipated that a range of habitats within the land required for the construction of the Project would provide suitable habitat to support breeding bird activity and particularly birds associated with farmland habitat.

1.1.4 The general approach to breeding birds is to ensure that the Project results in an increase in area of better-quality habitat than that affected by the Project and ensure that these habitats are well connected to the wider landscape. This would be achieved through the following mitigation:

- Avoiding permanent effects to habitats of perceived value where possible
- Reinstating habitats affected in areas of temporary habitat loss to equal or better condition than existing
- Improving the quality and availability of ecological networks across the Project.

1.1.5 The requirement for breeding bird surveys was based on the results of a preliminary desk-based assessment, focusing on suitable habitat within the land required for construction; largely associated with the 400 kV underground cabling, cable sealing end (CSE) compounds and the new East Anglia Connection Node (EACN) Substation and new Tilbury North Substation. The extent of the Survey Area was defined by the outcome of a two-stage screening exercise looking at:

- Sites of known importance for breeding birds
- Areas of potential importance for breeding birds.

1.1.6 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 A8.7.2 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 To establish a baseline for breeding birds, the following has been undertaken, the results of which are presented in this report:

- A desk study for breeding birds, looking at existing data
- A robust breeding bird survey where a list of bird species has been recorded and their breeding status (confirmed, possible, or non-breeding) evaluated. An estimate of the likely number of territories/colonies of breeding bird species of conservation concern has been identified.

1.3 Study and Survey Area

Study Area

1.3.1 The following Study Areas were used for the breeding bird desk study:

- Special Protection Areas (SPAs) and Ramsar sites of ornithological importance – within the Order Limits plus a 20 km buffer
- Statutory and non-statutory designated sites of ornithological importance for breeding birds – within the Order Limits plus a 2 km buffer
- Individual records of breeding bird species – within the Order Limits plus a 2 km buffer.

Survey Area

1.3.2 A total of nine Survey Areas were identified for breeding bird assessment, where there is the potential for significant effects to occur because of temporary or permanent land take and/or disturbance where significant numbers of birds could be present based on habitat suitability. These include locations where the following works have been considered, including a 200 m buffer from the Order Limits:

- 400 kV underground cables
- CSE compounds
- The new EACN Substation and Tilbury North Substation.

1.3.3 Further details on the breeding bird Survey Area selection are provided in Section 3 below.

2. Relevant Legislation and Policy

2.1 Legal Compliance

2.1.1 The surveys and assessments have been undertaken in accordance with current legislation in the context of the Project. A summary of the relevant legislation and policy is provided in Table A8.7.1.

Table A8.7.1 Legal compliance

Legislation	Details
Convention on Wetlands of International Importance Especially as Waterfowl Habitat 1971 (Ramsar Convention Secretariat,1971)	An international treaty created to ensure the conservation and sustainable management of wetlands, through the designation of Ramsar sites and international cooperation between contracting parties such as the UK government. The Contracting Party responsible for the site must ensure the protection of wintering bird populations, implementing appropriate measures, such as controlling invasive species and maintain suitable water levels.
Convention on the Conservation of European Wildlife and Natural Habitats 1979 (Council of Europe, 1979)	The Bern Convention, also referred to as the Conservation of European Wildlife and Natural Habitats, outlines the framework for the conservation for a wide range of species and their habitats. The convention encourages its member states to implement strategies for the protection and management of species and establish ecological networks for migration. For the protection of breeding birds, the UK is responsible under the Bern Convention for the conservation of important habitats such as wetlands and coastal areas and designating protection areas.
The Wildlife and Countryside Act 1981, as amended (WCA) 1981	The Act is the main mechanism for legislative protection of wildlife in England. It gives protection to native species (particularly threatened species), their resting places and places of shelter by making it an offence to kill, injure, take, damage, destroy, sell, or possess them (with exceptions). Under the Wildlife and Countryside Act 1981 (as amended) all wild birds are protected from killing and injury, and their nests and eggs protected from taking, damage and destruction whilst in use. Additional protection is extended to species listed under Schedule 1 of the Act, meaning it is also an offence to disturb these species at or near the nest, or whilst they have dependent young during the breeding season.

Legislation	Details
The Natural Environment and Rural Communities (NERC) Act 2006	The NERC Act 2006 places a duty upon public bodies to maintain Section 41 (s41) lists of flora, fauna, and habitats and to consider these ecological features as a material consideration in planning. It also requires decision-makers to have regard to the conservation of biodiversity in England, when carrying out their normal functions. 49 bird species are s41 listed species and as such identified as Species of Principal Importance in England (hereafter referred to as SPI).
Directive 2009/147/EC of The European Parliament and of the council of 30 November 2009 on the conservation of wild birds (Directive 2009/147/EC)	The Birds Directive establishes a legal framework across Europe, enforcing the establishment of SPAs in member states of the European Union, to protect bird species. The directive prohibits activities such as deliberate killing, capture, and disturbance of bird species during their breeding, rearing, and migration periods.
Conservation of Habitats and Species Regulations 2017, as amended in 2019 ('Habitats Regulations')	The Regulations require authorities on behalf of the Secretary of State to maintain a list of sites which are important for either habitats or species (Special Areas if Conservation (SACs) and SPAs and to provide protection for these sites through designation, planning, and other controls. The Regulations make it an offence (subject to exceptions) to deliberately capture, kill, disturb, or trade in the animals listed in Schedule 2. However, these actions can be made lawful through the granting of licences by the appropriate authorities (Natural England in England). Licences may be granted for several purposes (such as science and education, conservation, preserving public health and safety), but only after the appropriate authority is satisfied that there are no satisfactory alternatives and that such actions will have no detrimental effect on the favourable conservation status of the species concerned.

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 Nomenclature

3.1.1 Common names of species recorded follow English naming conventions in the British Ornithological Union British List (British Ornithologists' Union (2022)). Common names are used throughout this report while scientific names are listed in Annex B, in line with Natural History Museum Species dictionary[1].

3.2 Desk Study

Study Area

3.2.1 The following Study Areas were used to inform the methodology and establish the baseline as part of the breeding bird desk study:

- SPAs and Ramsar sites of ornithological importance – within the Order Limits plus a 20 km buffer
- Statutory and non-statutory designated sites of ornithological importance for breeding birds – within the Order Limits and up to 2 km from the boundary
- Individual records of breeding bird species – within the Order Limits plus a 2 km buffer.

Data Search

3.2.2 The desk study was completed in February 2023 to include breeding records (where breeding behaviour is noted, or records dated within the breeding season) of all bird species using data obtained from the previous 10 years (2013 to 2022) as per the national guidance (Department for Environment, Food and Rural Affairs (DEFRA), 2024). Data was obtained from the following sources:

- British Trust for Ornithology (BTO) – Wetland and Estuaries Bird Survey (WeBS)
- Royal Society for the Protection of Birds (RSPB)
- Essex Field Club (EFC)
- Norfolk Biodiversity Information Centre (NBIC)
- Suffolk Biodiversity Information Service (SBIS).

3.2.3 Freely downloadable datasets (available from Multi Agency Geographic Information for the Countryside; MAGIC, Natural England, 2025) and aerial imagery were consulted for information regarding designated sites, qualifying features of SPA and Ramsar sites and general habitat assessment.

[1] https://www.nhm.ac.uk/our-science/data/uk-species/index

3.2.4 The review of designated sites with ornithological interest identified areas of known importance for breeding birds. Where there was the potential for negative effects to such sites caused by the Project, the areas were included for field survey.

3.2.5 In addition, a review of the individual bird records from the desk study was used to identify further areas of potential importance for breeding birds. This was combined with a review of aerial imagery and Phase 1 habitat data collected during Project habitat surveys, to determine the suitability of habitats for breeding birds.

3.2.6 Areas of potential importance, potentially worthy of field survey, included those which have potential to support a notable assemblage of birds of conservation concern (BoCC), such as red- and amber-listed BoCC (Stanbury *et al.*, 2021).

3.2.7 Where such areas are subject to negative effects from the Project, they were identified as potential Survey Areas. These were subject to further desk-study analysis utilising information from nearby third-party reports (i.e., bird survey results and documents relating to other Nationally Significant Infrastructure Projects (NSIPs) and planning applications).

3.2.8 Additional desk study analysis for species listed on Schedule 1 of the Wildlife and Countryside Act 1981 was carried out and described in Section 3.4 below.

3.3 Survey Methodology

Survey Area

3.3.1 Following the desk-study exercise and review of the Project, the area for field surveys was designed to cover areas of greatest impacts to breeding birds due to habitat loss or disturbance. These included the locations where the following works have been considered, including a 200 m buffer from the Order Limits:

- 400 kV underground cables
- CSE compounds
- The new EACN Substation and new Tilbury North Substation.

3.3.2 Nine Survey Areas were identified and are shown on Figure A8.7.1 in Annex A.

Breeding Bird Surveys

3.3.3 The targeted surveys followed Bird Survey Guidelines (Bird Survey and Assessment Steering Group, 2021), a revised version of the Common Bird Census (CBS) (Marchant, 1983). This best practise guidance provides sufficient level of confidence when describing the breeding bird community present.

3.3.4 Walked transects were made across each of the Survey Areas and were designed to ensure surveyors were able to survey within 50 m of all points within each Survey Area, where practically possible. Survey Area 5 was surveyed in 2023, Survey Areas 1 to 4, 6 and 7 were surveyed in 2024. Survey Areas 8 and 9 were surveyed in the 2025 breeding season.

3.3.5 Whilst most survey visits were completed in a single day, each survey visit to Survey Area 5 took place over period of two consecutive days due to the size of the Survey Area. A breakdown of each Survey Area, its approximate location, and the year in which surveys were completed is provided in Table A8.7.2 below.

Table A8.7.2 Survey areas and year of survey

Project Section(s)	Survey Area	Location	Year of Survey
A, B	1	Diss	2024
B	2	Needham Market	2024
B, C	3	Burstall	2024
C	4	Raydon	2024
C	5	Stratford St Mary	2023
C	6	Ardleigh	2024
D	7	Great Horkesley	2024
C	8	Boxted	2025
H	9	Tilbury North	2025

3.3.6 Within each Survey Area, a total of six breeding bird surveys were undertaken. Survey visits were undertaken in the early morning, commencing at dawn during periods of good visibility and suitable weather conditions. Surveyors walked slowly, observing all suitable habitat along the transect route whilst looking and listening for birds. To minimise bias (as birds may be active at different times of day in different areas) and in accordance with good practice guidance (Bibby *et al*, 2000) the start points, and direction of the route walked was varied between survey visits. One survey visit at both Survey Areas 8 and 9 was undertaken during dusk, targeting crepuscular and nocturnal species.

3.3.7 The locations of birds seen and heard were mapped with reference to the standard BTO two letter codes and activity symbols. Surveyors only recorded the breeding activity of birds that are red-, or amber-listed BoCC and those species that are listed under Schedule 1 of the Wildlife and Countryside Act 1981. Birds that did not meet the above criteria were noted as part of a general species list for each Survey Area.

3.3.8 Following the completion of surveys, bird territory mapping was undertaken (Bibby *et al*, 2000). Breeding status was categorised using BTO breeding evidence criteria as outlined below.

- Non-breeder (NB) – birds observed flying over, considered to be on migration or a non-breeder
- Possible breeding (PoB) – birds observed singing or present in suitable habitat in breeding season
- Probable breeding (PrB) – a pair observed in suitable habitat, territorial behaviour observed in the same place on at least two separate occasions, or birds observed visiting a probable nest site, showing courtship or display behaviour in suitable breeding habitat or nest building
- Confirmed breeding (CB) – nest containing eggs or young seen or heard, adults observed carrying faecal sac or food, feigning injury as a distraction display, or entering or leaving a nest site in circumstances indicating an occupied nest, a

used nest or eggshells found, or recently fledged or downy young recorded (showing evidence of dependency on adults).

3.3.9 Confirmed breeding activity for every breeding pair recorded can be difficult to establish when surveying large areas due to the close inspections required to identify a nest site. Therefore, for the purpose of this report, all probable and confirmed breeding birds are grouped together and described as 'breeding' species.

3.3.10 Although breeding bird surveys for Survey Areas 8 and 9 will be undertaken over the 2025 season, for the purpose of the Environmental Statement 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 bird records obtained from the desk study, the results of the breeding bird surveys across the rest of the Project and the type of habitats present in and around the surrounding area for each Survey Area.

3.4 Schedule 1 Species

Desk Study

3.4.1 Further analysis of the desk study data was undertaken for a more detailed assessment of where disturbance to species specially protected under Schedule 1 of the Wildlife and Countryside Act 1981 could occur. These protected species are identified as 'Schedule 1' species in this report.

3.4.2 Desk study data of Schedule 1 species was filtered to show the following:

- Specific breeding records or records dated within the breeding season only (March to September inclusive)
- Records for the Schedule 1 species within 250 m of the Order Limits. This distance was an upper estimate of the general disturbance distances taken from NatureScot guidance (NatureScot accessed 2024)
- Species with breeding distribution within Norfolk, Suffolk and Essex (counties through which the Order Limits pass).

3.4.3 Where confirmed, probable and possible breeding records exist and/or clusters of individual records occur within potential breeding habitat (judged from aerial imagery), these areas were identified as likely Schedule 1 breeding locations.

3.4.4 Schedule 1 species were recorded during the breeding bird surveys as described in Section 3.3. The Survey Areas did not cover the entire length of the Order Limits, and therefore Schedule 1 constraints may be present elsewhere within the Order Limits. Incidental Schedule 1 species records were obtained whilst ecologists were in the field undertaking other ecological surveys for the Project. This combined with the desk study approach identifies areas of potential importance to breeding Schedule 1 species.

Fieldwork

3.4.5 In early spring 2024, during breeding bird survey work, a pair of marsh harrier were observed displaying over the Order Limits at Survey Area 1. In addition to the breeding bird survey visits, described in Section 3.3, specific marsh harrier surveys were undertaken across all suitable nesting habitat within 750 m of the displaying

pair record. This comprised two visits using a combination of transects and vantage point surveys to observe bird behaviour and watch for birds visiting/leaving a nest, food passing or the presence of young in the area. These visits were undertaken under a marsh harrier Schedule 1 licence specific to the 10 km grid-squares within which the Survey Area was located.

3.4.6 Barn owl is a relatively common Schedule 1 listed species in farmland across Norfolk, Suffolk and Essex with numerous desk study records identified. Where access was available, the trees within the Order Limits were assessed for their potential to support barn owl. Where potential existed, notes were taken on occupation evidence and whether features are likely used as a nest site or a roost site.

3.4.7 Due to the sensitivity of Schedule 1 breeding bird survey records, the results of both the Schedule 1 desk study and fieldwork is provided in a confidential Annex to this report Annex C.

3.5 Survey Details and Personnel

3.5.1 Lead surveyors were experienced ornithologists and competent at undertaking breeding bird surveys, their details are provided within Table A8.7.3 below.

Table A8.7.3 Surveyor experience

Surveyor	Qualifications	Chartered Institute of Ecology and Environmental Management (CIEEM) Membership	Years' Experience (professional ecology)
1	BSc (Hons)	No	6 years
2	A very experienced ornithologist, with no formal qualifications	No	35 years
3	A very experienced ornithologist, with no formal qualifications	No	27 years
4	BSc (Hons), MSc	Full	13 years

3.5.2 Breeding bird survey details including dates and weather conditions are presented in Table A8.7.4 below.

Table A8.7.4 Survey dates and weather conditions

Project Section	Survey Area	Survey Visit	Date	Weather Conditions
A, B	1	1	12 April 2024	Rain – none, Wind – south-west up to 11 kph, Visibility – excellent, Cloud cover – 100%, Temperature: 11ºC – 16ºC
		2	3 May 2024	Rain – none, Wind – none, Visibility – excellent, Cloud cover – 100%, Temperature: 11ºC – 12ºC
		3	17 May 2024	Rain – none, Wind – none, Visibility – excellent, Cloud cover: 0% – 70%, Temperature: 12ºC – 18ºC
		4	24 May 2024	Rain – none, Wind – south up to 5 kph, Visibility – excellent, Cloud cover – 0%, Temperature: 7ºC – 15ºC
		5	7 June 2024	Rain – none, Wind – south-west up to 10 kph, Visibility – excellent, Cloud cover – 10%, Temperature: 8ºC – 17ºC
		6	14 June 2024	Rain – light rain (at times), Wind – south up to 9 kph, Visibility – excellent, Cloud cover – 100%, Temperature: 11ºC – 20ºC
B	2	1	12 April 2024	Rain – none, Wind – south-west up to 11 kph, Visibility – excellent, Cloud cover – 100%, Temperature: 11ºC – 16ºC
		2	3 May 2024	Rain – drizzle, Wind – none, Visibility – excellent, Cloud cover – 100%, Temperature: 11ºC – 12ºC
		3	17 May 2024	Rain – none, Wind – none, Visibility – excellent, Cloud cover: 0% – 70%, Temperature: 12ºC – 18ºC
		4	24 May 2024	Rain – none, Wind – south up to 5 kph, Visibility – excellent, Cloud cover – 0%, Temperature: 7ºC – 15ºC
		5	7 June 2024	Rain – none, Wind – south-west up to 10 kph, Visibility – excellent, Cloud cover – 10%, Temperature: 8ºC – 17ºC
		6	14 June 2024	Rain – light rain (at times), Wind – south up to 9 kph, Visibility – excellent, Cloud cover – 100%, Temperature: 11ºC – 20ºC
B, C	3	1	11 April 2024	Rain – none, Wind – south-west up to 10 kph, Visibility – excellent, Cloud cover – 100%, Temperature: 13ºC – 18ºC
		2	2 May 2024	Rain – none, Wind – none, Visibility – excellent, Cloud cover: 10% – 100%, Temperature: 11ºC – 17ºC

Project Section	Survey Area	Survey Visit	Date	Weather Conditions
		3	16 May 2024	Rain – none, Wind – none, Visibility – fog to 300 m, Cloud cover – 100%, Temperature: 11°C – 13°C
		4	23 May 2024	Rain – none, Wind – west up to 13 kph, Visibility – excellent, Cloud cover: 0% – 100%, Temperature: 10°C – 15°C
		5	6 June 2024	Rain – none, Wind – none, Visibility – excellent, Cloud cover: 100% – 0%, Temperature: 8°C – 16°C
		6	13 June 2024	Rain – none, Wind – none, Visibility – excellent, Cloud cover – none, Temperature: 7°C – 16°C
C	4	1	11 April 2024	Rain – none, Wind – south-west up to 10 kph, Visibility – excellent, Cloud cover – 100%, Temperature: 13°C – 18°C
		2	2 May 2024	Rain – none, Wind – none, Visibility – excellent, Cloud cover: 10% – 100%, Temperature: 11°C – 17°C
		3	16 May 2024	Rain – none, Wind – none, Visibility – fog to 300 m, Cloud cover – 100%, Temperature: 11°C – 13°C
		4	23 May 2024	Rain – none, Wind – west up to 13 kph, Visibility – excellent, Cloud cover: 0% – 100%, Temperature: 10°C – 15°C
		5	6 June 2024	Rain – none, Wind – none, Visibility – excellent, Cloud cover: 100% – 0%, Temperature: 8°C – 16°C
		6	13 June 2024	Rain – none, Wind – none, Visibility – excellent, Cloud cover – none, Temperature: 7°C – 16°C
C	5	1	5 April 2023	Rain – 0, Wind – Calm, Visibility – Good, Cloud cover – 66 to 99%
			6 April 2023	Rain – Had rained before survey and some showers during, Wind – Breezy, Visibility – Poor/Fair, Cloud cover – 66 to 99%
		2	27 April 2023	Rain – 0, Wind – Calm, Visibility – Good, Cloud cover – 33 to 66%
			28 April 2023	Rain – Wet ground, Wind – Calm, Visibility – Poor/Fair, Cloud cover – 66 to 99%
		3	10 May 2023	Rain – 0, Wind – Calm, Visibility – Unknown, Cloud cover – 80%
			11 May 2023	Rain – 0, Wind – Light breeze, Visibility – Good, Cloud cover – 80%
		4	25 May 2023	Rain – 0, Wind – Calm, Visibility – Unknown, Cloud cover – 50%

Project Section	Survey Area	Survey Visit	Date	Weather Conditions
			26 May 2023	Rain – 0, Wind – Calm, Visibility – Unknown, Cloud cover – 50%
		5	6 June 2023	Rain – 0, Wind – Light breeze, Visibility – Fine, Cloud cover – Cloudy
			7 June 2023	Rain – 0, Wind – Light breeze, Visibility – Fine, Cloud cover – Cloudy
		6	22 June 2023	Rain – Unknown, Wind – Calm, Visibility – Unknown, Cloud cover – 50%
			23 June 2023	Rain – Unknown, Wind – Calm, Visibility – Unknown, Cloud cover – 10%
C	6	1	10 April 2024	Rain – none, Wind – south-west up to 9 kph, Visibility – excellent, Cloud cover: 0% – 100% (bright), Temperature: 2°C – 12°C
		2	1 May 2024	Rain – none, Wind – none, Visibility – excellent, Cloud cover: 10% – 100%, Temperature: 11°C – 19°C
		3	15 May 2024	Rain – drizzle, Wind – none, Visibility – excellent, Cloud cover – 100%, Temperature: 12°C – 16°C
		4	22 May 2024	Rain – light rain (at times), Wind – north-west up to 8 kph, Visibility – excellent, Cloud cover – 100%, Temperature: 13°C – 14°C
		5	5 June 2024	Rain – none, Wind – none, Visibility – excellent, Cloud cover – none, Temperature: 8°C – 16°C
		6	12 June 2024	Rain – none, Wind – none, Visibility – excellent, Cloud cover – 100%, Temperature: 9°C – 15°C
D	7	1	10 April 2024	Rain – none, Wind – south-west up to 9 kph, Visibility – excellent, Cloud cover: 0% – 100% (bright), Temperature: 2°C – 12°C
		2	1 May 2024	Rain – none, Wind – none, Visibility – excellent, Cloud cover: 10% – 100%, Temperature: 11°C – 19°C
		3	15 May 2024	Rain – drizzle, Wind – none, Visibility – excellent, Cloud cover – 100%, Temperature: 12°C – 16°C
		4	22 May 2024	Rain – light rain (at times), Wind – north-west up to 8 kph, Visibility – excellent, Cloud cover – 100%, Temperature: 13°C – 14°C
		5	5 June 2024	Rain – none, Wind – none, Visibility – excellent, Cloud cover – none, Temperature: 8°C – 16°C
		6	12 June 2024	Rain – none, Wind – none, Visibility – excellent, Cloud cover – 100%, Temperature: 9°C – 15°C

Project Section	Survey Area	Survey Visit	Date	Weather Conditions
C	8	1	02 April 2025	Rain- none, Wind- west up to 2 kph, Visibility- good, Cloud cover- 0 Oktas, Temperature- 7ºC to 11ºC
		2	16 April 2025	Rain- none, Wind- north-east, Visibility- good, Cloud cover- 7 Oktas, Temperature- 8ºC to 10ºC
		3	15 May 2025	Rain- none, Wind- north-east up to 3 kph, Visibility- good, Cloud cover- 8 Oktas, Temperature- 9ºC to 11ºC
		4	28 May 2025	Rain- none, Wind- west up to 3 kph, Visibility- good, Cloud cover- 4 Oktas, Temperature- 14ºC to 18ºC
		5 (Dusk)	12 June 2025	Rain- none, Wind- south up to 2 kph, Visibility- good, Cloud cover- 0 Oktas, Temperature- 24ºC to 22ºC
		6	22 July 2025	Rain- none, Wind- up to 2 kph, Visibility- excellent, Cloud cover- 1 Oktas, Temperature- 15ºC to 18ºC
H	9	1	10 April 2025	Rain- none, Wind- north up to 1 kph, Visibility- good, Cloud cover- 8 Oktas, Temperature- 5ºC to 9ºC
		2	22 April 2025	Rain- none, Wind- west up to 1 kph, Visibility- good, Cloud cover- 6 Oktas, Temperature- 7ºC to 13.5ºC
		3	05 May 2025	Rain- none, Wind- north up to 1 kph, Visibility- good, Cloud cover- 6 Oktas, Temperature- 5ºC to 10ºC
		4	28 May 2025	Rain- none, Wind- west up to 2/3 kph, Visibility- good, Cloud cover- 4 Oktas, Temperature- 14ºC to 18ºC
		5 (Dusk)	24 June 2025	Rain- none, Wind- south-west up to 2/3 kph, Visibility- good, Cloud cover- 1 Oktas, Temperature- 23ºC to 20ºC
		6	11 July 2025	Rain- none, Wind- east up to 1 kph, Visibility- good, Cloud cover- 0 Oktas, Temperature- 17ºC to 21ºC

3.5.3 Dates and weather conditions during the specific marsh harrier surveys at Survey Area 1 are provided in Table A8.7.5 below.

Table A8.7.5 Marsh harrier survey details

Project Section	Visit Number	Date	Weather Conditions
A, B	1	13 June 2024	Rain – none, Wind – calm, Visibility – excellent, Cloud cover – none, Temperature: 10°C – 15°C
	2	4 July 2024	Rain – none, Wind – light breeze, Visibility – excellent, Cloud cover – none, Temperature: 14°C – 17°C

3.6 Notes and Limitations

3.6.1 Whilst every effort has been made to record all bird species present, some species are more difficult to detect due to the nature of their ecology (for example, crepuscular species) or their general behaviour (quiet and more secretive). There is a possibility that some species went undetected during surveys. However, as this is a factor that applies to all bird survey types it is not considered to place a significant constraint upon the interpretation of the results for the surveys.

4. Results

4.1 Desk Study Results

SPA and Ramsar Sites of Ornithological Importance

4.1.1 A total of 27 SPA/Ramsar sites of ornithological importance were identified within the Study Area, these are listed in Appendix 8.8: Wintering Bird Report (document reference 6.8.A8). Most of these sites are not identified to be of value to breeding birds or were scoped out for consideration in the ES (Volume 6 of the DCO application) with regard to impacts to breeding birds as no impact pathways were considered to exist due to the distance from the Project and/or lack of breeding habitat for qualifying features (National Grid, 2022).

Statutory Designated Sites with Ornithological Interest

4.1.2 The designated sites of ornithological interest include those with notable breeding bird interest, particularly with regard to the Project. Sites which list general/common woodland bird communities are not included in the desk study results.

4.1.3 One statutory designated site with breeding ornithological interest was identified within the Study Area (sites with wintering/passage bird interest are listed in Appendix 8.8: Wintering Bird Report, document reference 6.8.A8). This is a proposed Site of Special Scientific Interest (pSSSI), the details of which is listed in Table A8.7.6. This has not been mapped as the site has not been designated and its boundary is not known. It is known that were the site to be designated it would be situated within the vicinity of Tilbury.

Table A8.7.6 Statutory designated sites with breeding ornithological interest

Project Section	Name of Site	Distance and Direction from Order Limits	Breeding Bird Interest
H	North Thames Estuary and Marshes pSSSI	Boundary not confirmed but likely within 1 km of Order Limits	Not available but could include a breeding bird community.

Non-Statutory Designated Sites of Ornithological Interest

4.1.4 Five non-statutory County Wildlife Sites (CWS) and one Local Wildlife Site (LWS) within the Study Area specifically mentioned breeding birds as a feature of interest. These are listed in Table A8.7.7 and their locations are also shown on Figure A8.7.2 in Annex A.

Table A8.7.7 Non-statutory designated sites with breeding ornithological interest

Project Section(s)	Name of Site	Distance and Direction from Order Limits	Breeding Bird Interest
A and B	River Waveney CWS	Adjacent the Order Limits	Noted for breeding kingfisher.
B	River Gipping CWS	Within Order Limits	Noted for breeding moorhen, coot, kingfisher, reed bunting, reed and sedge warbler, tufted duck and grey wagtail.
B	Forrold Meadow CWS	1.45 km east	Supports Priority Species including dunnock, house sparrow, starling, spotted flycatcher, turtle dove and lesser-spotted woodpecker.
C	Sproughton Park CWS	Within Order Limits	Supports farmland birds: yellowhammer, linnet, bullfinch, starling, house sparrow, reed bunting, song thrush and turtle dove.
C	Wassess Marshes CWS	0.12 km west	Noted for breeding lapwing, redshank and yellow wagtail.
H	Mucking Creek Wetlands LWS	1.06 km south-east	Regular presence of reed and sedge warbler, water rail and bearded tit. Cetti's warbler also breeds here.

Individual Records of Breeding Birds

4.1.5 Overall, 102 species of breeding bird (where breeding behaviour is noted or recorded during the breeding season) were recorded within the Study Area comprising 13,481 records. There are 400 records for 83 species within the Order Limits, with most records found within the 2 km buffer. The breeding species recorded within the Order Limits and 2 km buffer are detailed in Table A8.7.10 and Table A8.7.11 respectively in Annex D.

4.1.6 The data included a mix of garden/urban birds, farmland birds, woodland birds and wetland birds. The distribution of records, categorised based on their conservation status (excluding Schedule 1 Species) are shown on Figure A8.7.3 in Annex A. The greatest concentrations of records exist around towns/villages and residential areas, as would be expected due to the concentrations of people recording birds in these areas. However, concentrations also occur along river corridors and nature reserves, most notably the River Waveney (Section A and B), the River Stour (Section C) and the River Thames (Section H).

Habitat Review of Potentially Important Breeding Bird Areas

4.1.7 The Order Limits primarily pass through arable farmland, with areas of grassland and woodlands mainly occurring along river valleys that cross the Project. Field boundaries are typically formed by hedgerows, which are likely to support breeding farmland species, with more densely packed populations likely to be present in the smaller fields. Wetland areas are concentrated around river valleys and provide connectivity throughout the wider landscape.

4.1.8 Where the River Waveney CWS passes through the Order Limits, the channel is narrow and lined with trees and scrub. The surrounding habitats are primarily intensely sheep-grazed pasture with some less intensively managed grassland and marshy rush pasture. Roydon Fen Local Nature Reserve is also present in this area which is noted for its fen habitat and wet woodland.

4.1.9 Where the River Stour passes through the Order Limits, the channel is fairly narrow with a lake and floodplain area which holds water for large parts of the year. Other habitats include wet grassland and large, open arable fields which provide a mosaic of habitats for a range of birds.

4.1.10 The exact boundary of the North Thames Estuary and Marshes pSSSI has not been established at the time of writing this report, but the areas closest to the Order Limits could include a mosaic of grassland, scrub, woodland, lagoons and ditches, while within the Order Limits habitats primarily comprise arable land and grassland with areas of scrub.

Third Party Report Review

4.1.11 The desk study revealed that the habitats and breeding bird assemblage around Tilbury are well studied (Section H). This includes areas within the Order Limits and potentially within North Thames Estuary and Marshes pSSSI. Details of these reports are provided in Table A8.7.8 below.

Table A8.7.8 Summary of breeding bird assessments with regards to third party national significant infrastructure projects

Project Section	Project Name, Distance and Direction (from Project boundary)	Summary of Breeding Bird Results
G	Thurrock Flexible Generation Plant Overlaps with the Project boundary at the southern extent. (RPS Group, 2020)	Assessments undertaken for the construction and operation of Gas Reciprocating engines to the south of West Tilbury. Breeding bird surveys were conducted in 2018 and 2019. Across both years, 28 species were confirmed to be breeding and 15 were probable / possible breeders. The red- and amber-listed BoCC included: cuckoo, dunnock, house martin, house sparrow, kestrel, linnet, mistle thrush, mallard, meadow pipit, reed bunting, skylark, stock dove, starling, swift, song thrush, yellowhammer and yellow wagtail.

Project Section	Project Name, Distance and Direction (from Project boundary)	Summary of Breeding Bird Results
		The report concludes the breeding assemblage is of local/district importance.
H	Tilbury 2 Approximately 1 km to the south-west. (Port of Tilbury London Limited, 2017)	This application was for a proposed port terminal at the former Tilbury Power Station site. Breeding bird surveys were conducted in 2015 and repeated in 2017. The 2017 results recorded territories for red-listed BoCC including cuckoo, linnet, nightingale, song thrush (now downgraded to amber) and yellowhammer. Amber-listed BoCC breeding birds included dunnock, mallard, reed bunting and stock dove.
H	Lower Thames Crossing Overlaps with the Project around Tilbury. (National Highways, 2022)	This proposed new road connecting Kent, Thurrock and Essex included an extensive Study Area (including and extending beyond West Tilbury to the north-west and south) within which ecological surveys were conducted. Breeding bird surveys were undertaken between 2017 and 2020. The desk study and survey results of the redline boundary north of the River Thames include extensive records of waterbirds, songbirds, raptors and owls.
H	Tilbury to Grain and Tilbury to Kingsnorth Cable Tunnel Replacement project Approximately 1.5 km south of the Project (AECOM (2023))	The site for Tilbury to Grain and Tilbury to Kingsnorth Cable Tunnel Replacement project comprised two areas: one at Gravesend (south side of the Thames) and one at Tilbury (north side of the Thames). The results at the Tilbury site are summarised here. Breeding bird surveys were completed over June and July 2023. A total of 21 breeding bird species (confirmed / probable/possible breeders) were present within the Tilbury site. Red- and amber-listed BoCC within this assemblage included moorhen, woodpigeon, skylark, whitethroat, wren, song thrush, dunnock, greenfinch and linnet. The report concludes the breeding bird assemblage is of Local Importance with no species recorded in numbers of any great significance.

4.1.12 Surveys were also conducted in support of Tilbury Energy Centre (RWE, 2017), although breeding bird information from this application is not publicly available.

4.1.13 These reports revealed that the breeding bird community in the Tilbury area, primarily comprises scrubland and farmland birds.

Desk Study Conclusion

4.1.14 Based on the review of designated sites, individual bird data, habitats, third-party reports and the potential for significant effects to arise because of the Project, the areas outlined below were noted being potentially important for breeding birds and where works of higher impact are proposed. Breeding bird surveys were undertaken at:

- River Waveney CWS and surrounding habitats (Survey Area 1 in Table A8.7.2)
- River Stour and surrounding habitats (Survey Area 5 in Table A8.7.2)
- Tilbury, the North Thames Estuary and Marshes pSSSI and surrounding habitats (Survey Area 9 in Table A8.7.2).

4.2 Survey Results

Overview

4.2.1 As identified above, the River Waveney, River Stour and Tilbury were identified as potentially important bird areas and so breeding bird surveys have been undertaken in these areas (Survey Area 1, Survey Area 5 and Survey Area 9 respectively).

4.2.2 The other areas that have been selected for survey are where the Project has the potential to cause the greatest disruption and impact to habitats to breeding birds as described in the survey methodology.

4.2.3 Results for each Survey Area are summarised below. Full species lists along with breeding status at each Survey Area, and conservation status, is provided in Annex B. This table also identifies the minimum (confirmed and probable) and maximum (confirmed, probable and possible) number of territories for red and amber-listed BoCC, except for wren and woodpigeon. Although these two species are amber-listed BoCC, they are common birds, and a high number of observations were made during the surveys, it was impractical to determine the number of territories for these two species.

4.2.4 Territory maps of all red-listed BoCC are shown in Annex A. The Schedule 1 data is provided in a confidential report in Annex C, and recorded as ‘present’ in the text below.

Survey Area 1 Diss - Sections A/B

4.2.5 50 species were recorded during the surveys. Six red-listed BoCC were likely breeding (cuckoo, grey partridge, lapwing, linnet, skylark and yellowhammer) and two were possible breeders (greenfinch and mistle thrush). 11 amber-listed BoCC were breeding (dunnock, kestrel, mallard, moorhen, song thrush, stock dove, tawny owl, whitethroat, willow warbler, woodpigeon and wren) and three were possible breeders (meadow pipit, reed bunting and sparrowhawk).

4.2.6 The species recorded were primarily farmland birds. The number of territories for BoCC was low due to the small size of this Survey Area. Yellowhammer had the greatest number of territories (maximum 10). Dunnock, skylark and song thrush all had a maximum of seven territories. This is the only Survey Area where a confirmed

breeding lapwing territory was found (a possible territory was present in Survey Area 5). The pair were recorded on multiple visits within an arable field displaying distraction behaviour.

4.2.7 48 species have the potential to breed within the Survey Area (Breeding, Possible and Present species). Based on this maximum number of breeding species, the breeding bird assemblage in this Survey Area would qualify as of low value and District importance using the criteria set out within Table 8.13 of Chapter 8: Ecology and Biodiversity (document reference 6.8) (Rev B).

Survey Area 2 Needham Market - Section B

4.2.8 49 species were recorded during the surveys. Eight red-listed BoCC were likely breeding (greenfinch, house sparrow, linnet, marsh tit, mistle thrush, nightingale, skylark and yellowhammer) and one was a possible breeder (lesser spotted woodpecker). Six amber-listed BoCC were breeding (dunnock, song thrush, stock dove, whitethroat, woodpigeon and wren) and three were possible breeders (kestrel, mallard, moorhen).

4.2.9 Ancient woodland with open areas and scrub was present on the west side of the Survey Area and red-listed species associated with such habitat were recorded including marsh tit, nightingale and lesser spotted woodpecker. Dunnock, song thrush, whitethroat and yellowhammer had the highest number of BoCC territories in this area which shows the scrubby nature of the habitats in this area.

4.2.10 47 species have the potential to breed within the Survey Area (Breeding, Possible and Present species). Based on this maximum number of breeding species, the breeding bird assemblage in this Survey Area would qualify as of low value and District importance using the criteria set out within Table 8.13 of Chapter 8: Ecology and Biodiversity (document reference 6.8) (Rev B).

Survey Area 3 Burstall - Section B, C

4.2.11 47 species were recorded during the surveys. Four red-listed BoCC were likely breeding (house sparrow, linnet, skylark and yellowhammer) and two were possible breeders (greenfinch and grey partridge). Six amber-listed BoCC were breeding (dunnock, song thrush, stock dove, whitethroat, woodpigeon and wren) and four were possible breeders (moorhen, reed bunting, sparrowhawk and tawny owl).

4.2.12 Small woodlands and large arable fields were present within this Survey Area and a mix of farmland and woodland birds was recorded. The largest numbers of BoCC territories were that of skylark (maximum 26) followed by song thrush (maximum 20).

4.2.13 42 species have the potential to breed within the Survey Area (Breeding, Possible and Present species). Based on this maximum number of breeding species, the breeding bird assemblage in this Survey Area would qualify as of low value and District importance using the criteria set out within Table 8.13 of Chapter 8: Ecology and Biodiversity (document reference 6.8) (Rev B).

Survey Area 4 Raydon - Section C

4.2.14 56 species were recorded during the surveys. Eight red-listed BoCC were likely breeding (grey partridge, house martin, house sparrow, linnet, nightingale, skylark, yellow wagtail and yellowhammer) and three were possible breeders (cuckoo,

greenfinch and mistle thrush). Nine amber-listed BoCC were breeding (dunnock, reed bunting, rook, song thrush, sparrowhawk, stock dove, whitethroat, woodpigeon and wren) and six were possible breeders (greylag goose, kestrel, mallard, meadow pipit, tawny owl and willow warbler).

4.2.15 This Survey Area is larger than Survey Area 1, 2 and 3 and more species were recorded. Residential houses and farm buildings within the Survey Area attracted nesting species such as house martin and house sparrow. The primary habitat was farmland and the highest number of BoCC territories was that of skylark (maximum 87), followed by whitethroat (maximum 26) and yellowhammer (maximum 23).

4.2.16 53 species have the potential to breed within the Survey Area (Breeding, Possible and Present species). Based on this maximum number of breeding species, the breeding bird assemblage in this Survey Area would qualify as of medium value and County importance using the criteria set out within Table 8.13 of Chapter 8: Ecology and Biodiversity (document reference 6.8) (Rev B).

Survey Area 5 Stratford St Mary - Section C

4.2.17 83 species were recorded during the surveys. Eight red-listed BoCC were likely breeding (cuckoo, greenfinch, house martin, house sparrow, linnet, mistle thrush, skylark and yellowhammer) and three were possible breeders (lapwing, nightingale and yellow wagtail). 12 amber-listed BoCC were breeding (dunnock, kestrel, mallard, moorhen, reed bunting, rook, sedge warbler, song thrush, stock dove, whitethroat, woodpigeon and wren) and two were possible breeders (redstart and shelduck).

4.2.18 The highest number of species was recorded in this Survey Area. It is a larger Survey Area; the river Stour also runs through it, and it contains a variety of other habitats including farmland (with farm buildings), woodland and wetlands/lagoons. It therefore has greater potential to attract and support a variety of birds. Many non-breeding birds were recorded along the Stour, with breeding numbers comparative to Survey Areas of a similar size. Skylark was the BoCC present in greatest breeding numbers (maximum 69), followed by whitethroat (maximum 36) and dunnock (maximum 34). Lapwing, nightingale, redstart and shelduck were notable possible breeding species. This was the only Survey Area with breeding sedge warbler.

4.2.19 61 species have the potential to breed within the Survey Area (Breeding, Possible and Present species). Based on this maximum number of breeding species, the breeding bird assemblage in this Survey Area would qualify as of medium value and County importance using the criteria set out within Table 8.13 of Chapter 8: Ecology and Biodiversity (document reference 6.8) (Rev B).

Survey Area 6 Ardleigh - Section C

4.2.20 56 species were recorded during the surveys. Seven red-listed BoCC were likely breeding (corn bunting, greenfinch, house sparrow, linnet, skylark, yellow wagtail and yellowhammer) and four were possible breeders (cuckoo, mistle thrush, starling and swift). 11 amber-listed BoCC were breeding (dunnock, kestrel, mallard, moorhen, rook, song thrush, sparrowhawk, stock dove, whitethroat, woodpigeon and wren) and one was a possible breeder (meadow pipit).

4.2.21 This Survey Area is primarily farmland as indicated by the breeding BoCC which included several specialist farmland birds. A single corn bunting territory was found, the only location where this species was recorded during all the survey work. Skylark

was the BoCC with the highest number of territories (maximum 77), while up to five yellow wagtail territories were present.

4.2.22 52 species have the potential to breed within the Survey Area (Breeding, Possible and Present species). Based on this maximum number of breeding species, the breeding bird assemblage in this Survey Area would qualify as of medium value and County importance using the criteria set out within Table 8.13 of Chapter 8: Ecology and Biodiversity (document reference 6.8) (Rev B).

Survey Area 7 Great Horkesley - Section D

4.2.23 55 species were recorded during the surveys. Nine red-listed BoCC were likely breeding (cuckoo, greenfinch, house sparrow, linnet, nightingale, skylark, starling, yellow wagtail and yellowhammer) and one was a possible breeder (mistle thrush). Seven amber-listed BoCC were breeding (dunnock, rook, song thrush, stock dove, whitethroat, woodpigeon and wren) and five were possible breeders (bullfinch, kestrel, mallard, oystercatcher and sparrowhawk).

4.2.24 The breeding species and numbers were similar to Survey Area 4 and 6 which are of a similar size and comprise similar habitats. Skylark was the BoCC with the highest number of territories (maximum 42) followed by dunnock (maximum 26) and whitethroat (maximum 21). This was the only Survey Area where oystercatcher was recorded which was categorised as a possible breeder.

4.2.25 51 species have the potential to breed within the Survey Area (Breeding, Possible and Present species). Based on this maximum number of breeding species, the breeding bird assemblage in this Survey Area would qualify as of medium value and County importance using the criteria set out within Table 8.13 of Chapter 8: Ecology and Biodiversity (document reference 6.8) (Rev B).

Survey Area 8 Boxted - Section C

4.2.26 57 species were recorded during the surveys. Three red-listed BoCC species were likely breeding (linnet, skylark, and yellowhammer) and four were possible breeders (greenfinch, house martin, mistle thrush, and swift). Eight amber-listed BoCC were breeding (dunnock, greylag goose, rook, song thrush, stock dove, tawny owl, woodpigeon and wren) and five were possible breeders (mallard, moorhen, sparrowhawk, whitethroat and willow warbler).

4.2.27 A mix of arable farmland, improved grassland, woodlands, a waterbody, and village settlements were present within this Survey Area. A mix of common, farmland, and woodland birds were observed, as well as the occasional waterbird. Skylark had the highest number of territories of the BoCC, with a maximum of 13 territories found (including possible breeding birds). Yellowhammer had a maximum of four territories, while stock dove, song thrush, linnet and dunnock, had a maximum of three territories each.

4.2.28 51 species have the potential to breed within the Survey Area (Breeding, Possible and Present species). Based on this maximum number of breeding species, the breeding bird assemblage in this Survey Area would qualify as of medium value and County importance using the criteria set out within Table 8.13 of Chapter 8: Ecology and Biodiversity (document reference 6.8) (Rev B)..

Survey Area 9 Tilbury North - Section H

4.2.29 A total of 59 species were recorded during the surveys. Two red-listed BoCC species were likely breeding (linnet and skylark) and three were possible breeders (greenfinch, mistle thrush and nightingale). Seven amber-listed BoCC were breeding (dunnock, kestrel, song thrush, stock dove, whitethroat, woodpigeon and wren) and two were possible breeders (mallard and sparrowhawk).

4.2.30 Agricultural fields, woodland, a golf course, a waterbody and mixed scrub with grassland were present within the Survey Area, with a Tarmac industrial site and associated spoil mounds adjacent to the south-east site boundary. This Survey Area supported a mixture of common farmland birds, as well as woodland birds, birds of prey and waterfowl. The Survey Area supported many species which depend on good scrub structure including linnet, nightingale, greenfinch, whitethroat, song thrush and dunnock. Some of these species were also found in high density including whitethroat with a maximum of 41 territories (this includes 19 possible territories), song thrush with a maximum of 19 territories (this includes 11 possible territories) and dunnock with a maximum of 18 territories (this includes 16 possible territories).

4.2.31 48 species have the potential to breed within the Survey Area (Breeding, Possible and Present species). Although the total number of breeding species alone does not qualify this Survey Area as medium value and County importance, notable species are present including nightingale and Schedule-1 birds. In addition, a high density of territories for the BoCC discussed above is present. Therefore, this Survey Area would qualify as medium value and County importance based on the assemblage of BoCC.

5. Conclusion

5.1.1 The survey results reveal a range of bird species were recorded across the Survey Areas; these primarily consist of farmland and woodland birds. Skylark was recorded in good numbers across many of the Survey Areas, while a range of specialist farmland species was also recorded occasionally. The Survey Area at the River Stour supported the greatest diversity of birds likely due to the variety of habitats available and good connectivity to the wider landscape.

5.1.2 When compared with Table 8.13 of Chapter 8: Ecology and Biodiversity (document reference 6.8) (Rev B) while also considering the presence of notable species, the breeding bird assemblage of Survey Areas 1, 2 and 3 are of low value and District importance, while Survey Areas 4, 5, 6, 7, 8 and 9 are of medium value and County importance.

Abbreviations

Abbreviation	Full Reference
CIEEM	Chartered Institute of Ecology and Environmental Management
BoCC	Birds of Conservation Concern
BTO	British Trust for Ornithology
CB	Confirmed Breeding
CBS	Common Bird Census
CSE	Cable Sealing End
CWS	County Wildlife site
DCO	Development Consent Order
DEFRA	Department for Environment, Food and Rural Affairs
EACN	East Anglia Connection Node
EIA	Environmental Impact Assessment
EFC	Essex Field Club
ES	Environmental Statement
LWS	Local Wildlife Site
MAGIC	Multi Agency Geographic Information for the Countryside
NB	Non-breeder
NBIC	Norfolk Biodiversity Information Centre
NERC	Natural Environment and Rural Affairs
NSIP	Nationally Significant Infrastructure Project
PoB	Possible Breeding
PrB	Probable Breeding
pSSSI	Potential Site of Special Scientific Interest.
RSPB	Royal Society for the Protection of Birds
SAC	Special Area of Conservation
SBIS	Suffolk Biodiversity Information Service
SPA	Special Protection Area
S41	Section 41
WCA	Wildlife and Countryside Act
WeBS	Wetland and Estuaries Bird Survey

Glossary

Term	Description
Assemblage	The collection of species, of a particular group, which occur in the same habitat or area.
Cable	An insulated conductor designed for underground installation.
Cable Sealing End Compound	Electrical infrastructure used as the transition point between overhead lines and underground cables. A compound on the ground acts as the principal transition point.
County Wildlife Site	Non-statutory designated areas of land important for their wildlife and nature conservation value (Norfolk and Suffolk).
Fauna	All the animals in a given area.
Habitat	The natural home or environment of an animal, plant, or other organism.
Local Wildlife Site	Non-statutory designated areas of land important for their wildlife and nature conservation value (Essex).
Non-Statutory Designated Site	Areas which are recognised for their ecological importance but do not have the same level of legal protection as statutory designated sites. These are typically identified at a local or regional level through non-legally binding agreements, policies, or planning frameworks.
Order Limits	The maximum extent of land within which the authorised development may take place.
Ornithology	The scientific study of birds.
Ramsar	Wetlands of international importance designated under the Convention on Wetlands of International Importance Especially as Waterfowl Habitat 1971.
Sites of Special Scientific Interest	Sites protected by law under the Wildlife and Countryside Act 1981. They are important because they support rare or endangered fauna and flora, and they represent the United Kingdom’s best wildlife and geological sites.
Special Area of Conservation	Protected areas designated under the European Union's Habitats Directive (Council Directive 92/43/EEC) to conserve and protect rare, vulnerable, or endangered habitats and species of plants and animals that are considered of European importance.
Special Protection Area	An area designated under the European Union's Birds Directive (Directive 2009/147/EC) aimed at protecting rare, vulnerable, and migratory bird species and their habitats of European importance
Species	A group of living organisms consisting of similar individuals capable of exchanging genes or interbreeding.

Term	Description
Statutory Designated Site	An area that has been legally designated and protected for its importance to biodiversity.
Substation	Substations are used to control the flow of power through the electricity system. They are also used to change (or transform) the voltage from a higher to lower voltage to allow it to be transmitted to local homes and businesses.
Territory	A defended area within that home range.
Territory Mapping	Identifying, defining and visually representing the geographic areas thar animals/groups of animals defend and used for activities such as feeding mating and nesting.
Transect	A defined path along which observations, measurements, or samples are taken in order to study the distribution and abundance of organisms, physical features, or other environmental variables.
Underground Cabling	An insulated conductor carrying electric current designed for underground installation. Underground cables link together two cable sealing end compounds.
Vantage Point	A location that offers a broad and elevated view of an area, which is used to observe bird activities.

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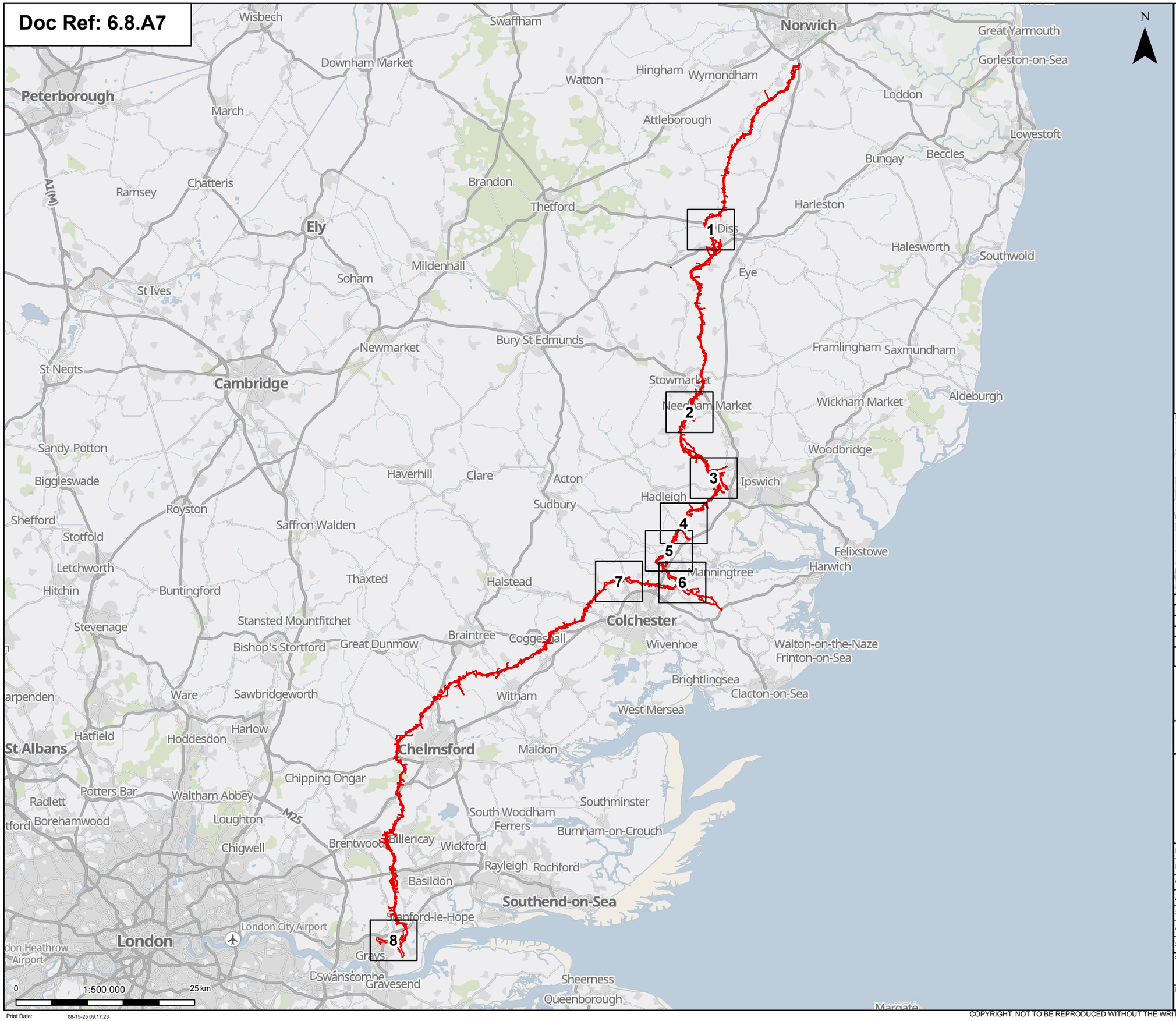
Annex A. Figures

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Annex A
Figures

Figure A8.7.1 Breeding Bird Survey Areas

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.7.1 - Ecology and Biodiversity Breeding Bird Survey Areas Overview

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
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Suitability Code:	A2	Project Number:	10059280

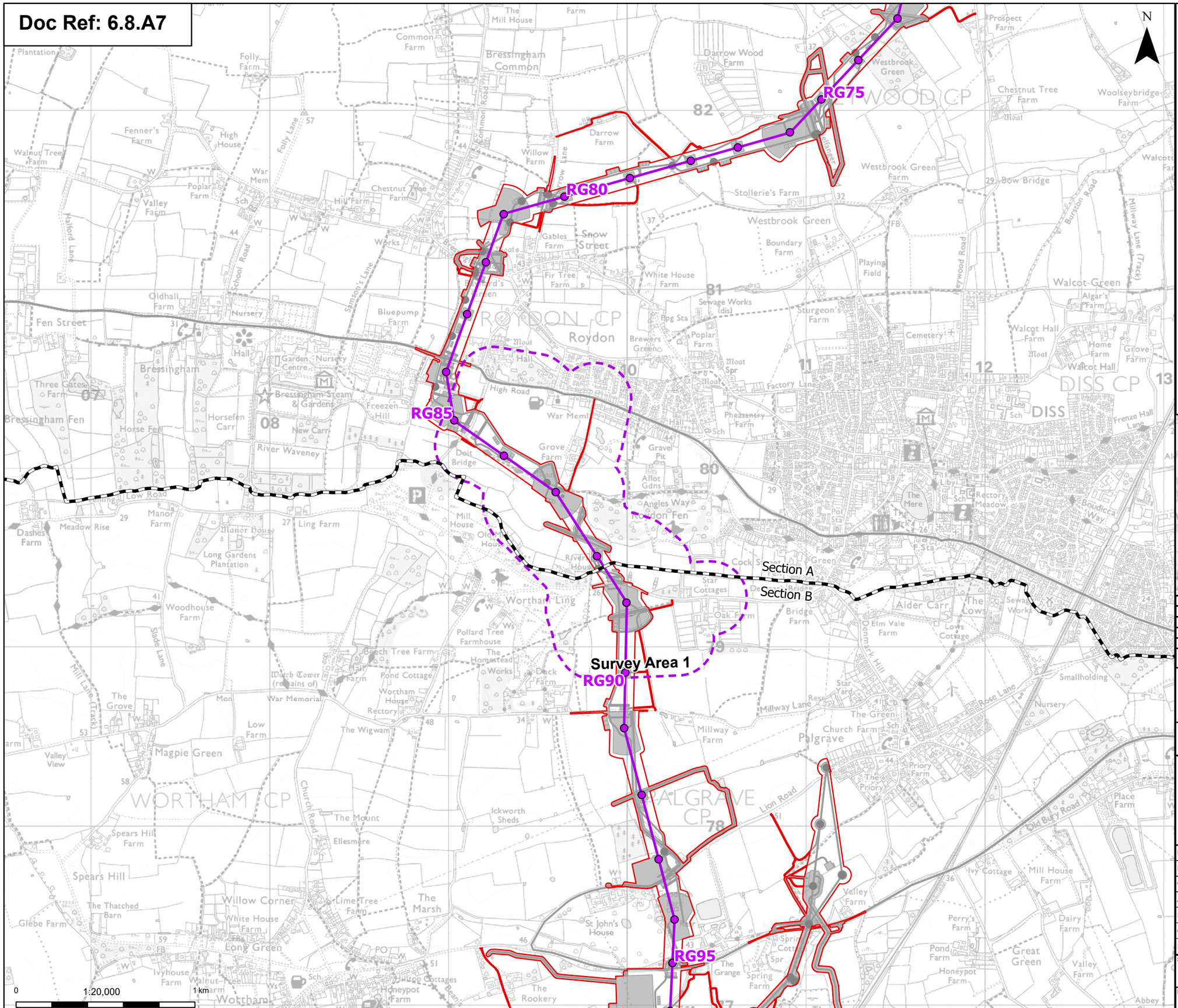
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- Order limits
- Project section line

Proposed project design details

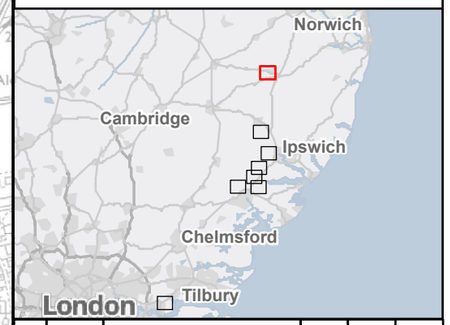
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Survey areas

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

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

Title:

Figure A8.7.1 - Ecology and Biodiversity Breeding Bird Survey Areas
Page 1 of 8

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
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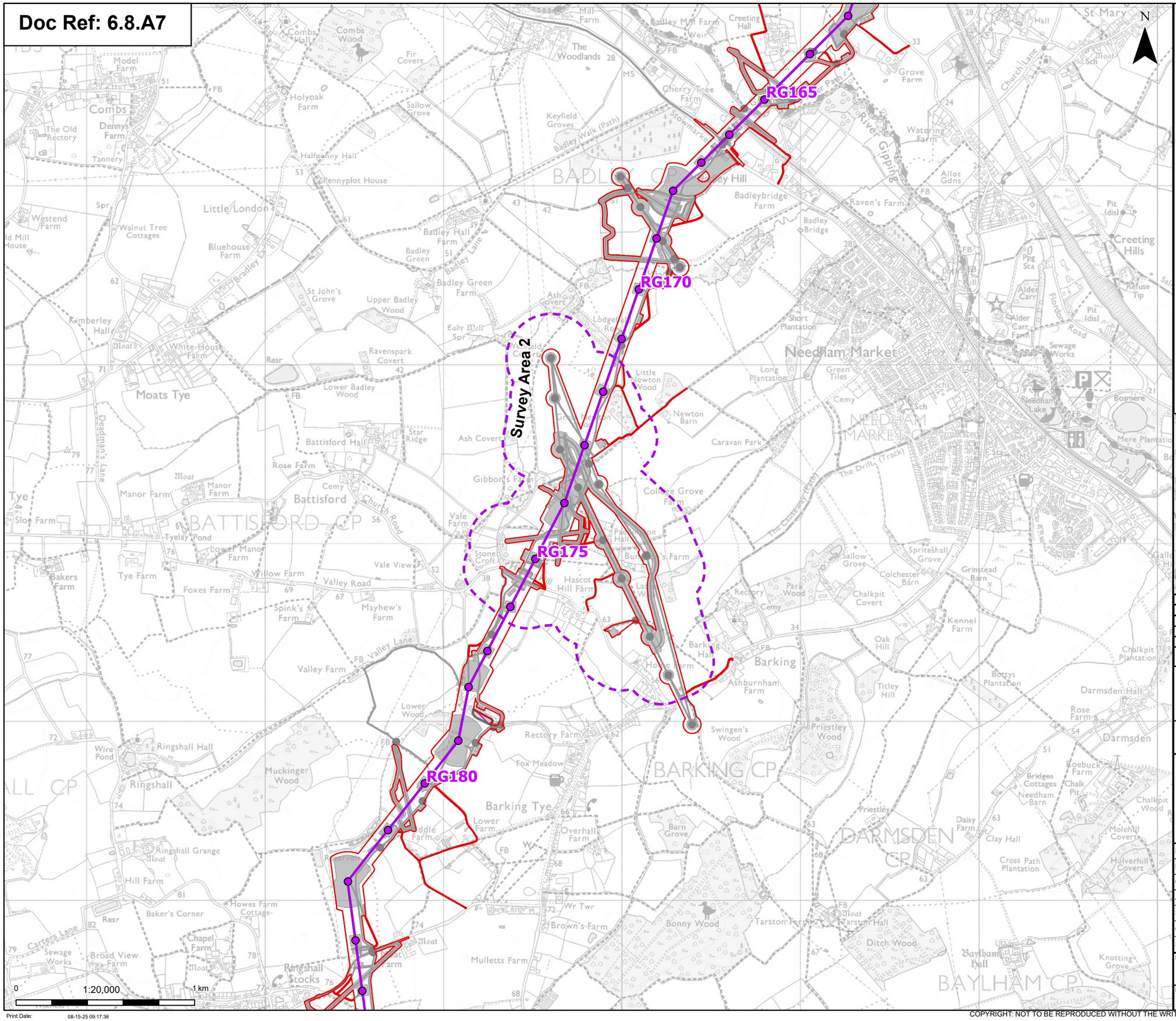
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Order limits

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

Survey areas

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

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

Title:

Figure A8.7.1 - Ecology and Biodiversity Breeding Bird Survey Areas
Page 2 of 8

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
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RG205
RG210
JC1
JC5
JC10
JC15
JC20
Survey Area 3
Bramford Substation
Proposed substation extension
Section B
Section C

0 1:20,000 1 km

Print Date: 08-15-25 09:17:40

N

- Order limits
- Project section line

Proposed project design details

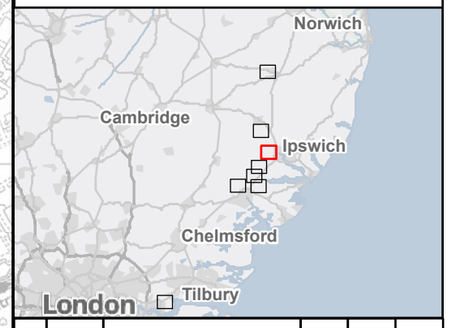
- Proposed full line tension gantry
- Proposed low duty gantry
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Bramford Substation
- Bramford Substation Extension
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Survey areas

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

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

Title:

Figure A8.7.1 - Ecology and Biodiversity Breeding Bird Survey Areas
Page 3 of 8

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Suitability Code:	A2	Project Number:	10059280

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JC25
JC30
JC35
Survey Area 4
Survey Area 5
FOR CONTINUATION SEE PAGE 5
0 1:20,000 1 km
Print Date: 08-15-25 09:17:45

Order limits
Sheet index cutline

Proposed project design details

Proposed full line tension gantry
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

Survey areas

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

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

Title:

Figure A8.7.1 - Ecology and Biodiversity Breeding Bird Survey Areas
Page 4 of 8

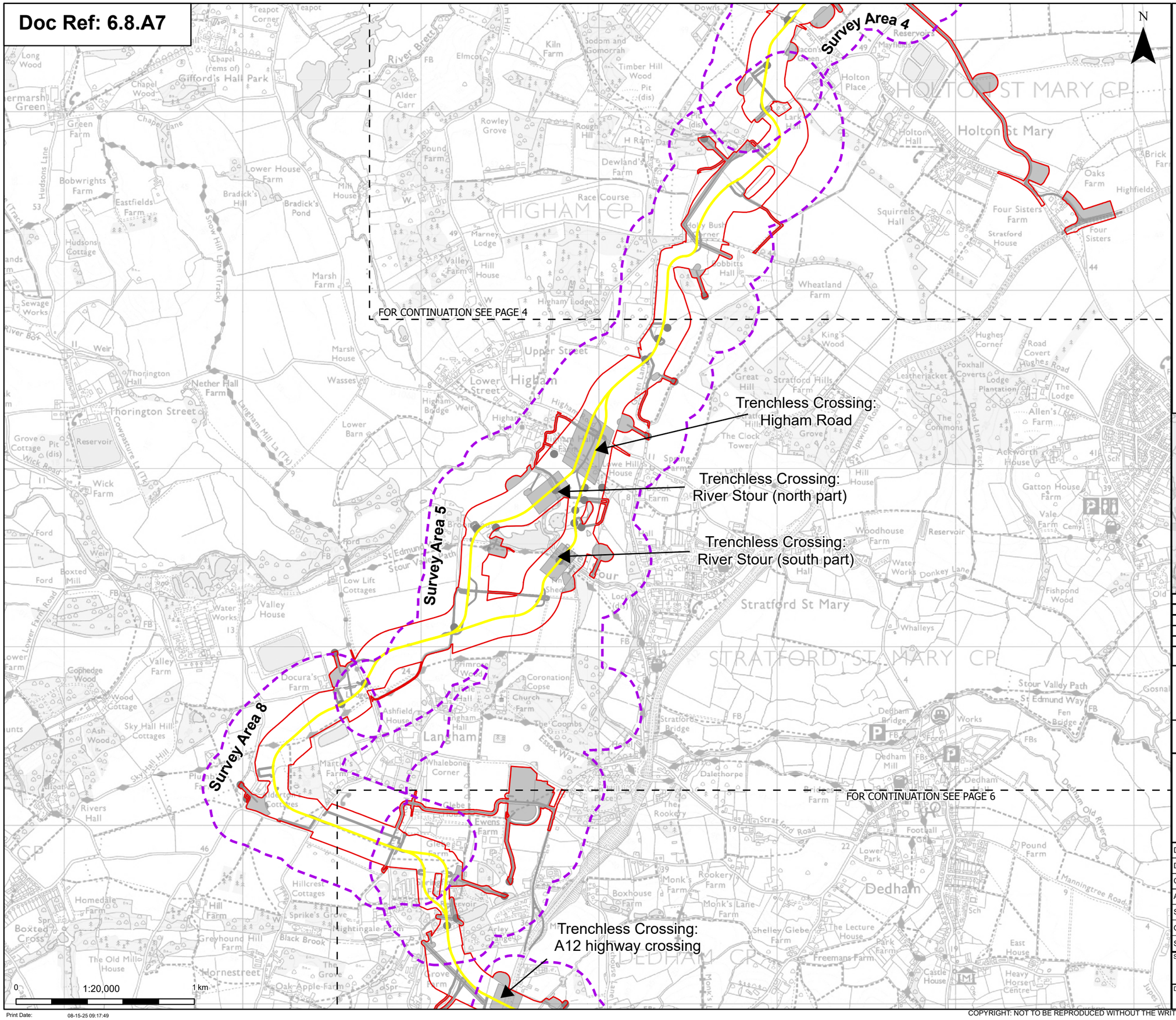
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Survey Area 4
Survey Area 5
Survey Area 8
Trenchless Crossing: Higham Road
Trenchless Crossing: River Stour (north part)
Trenchless Crossing: River Stour (south part)
Trenchless Crossing: A12 highway crossing
FOR CONTINUATION SEE PAGE 4
FOR CONTINUATION SEE PAGE 6
HIGHAM CP
HOLTON ST MARY CP
STRATFORD ST MARY CP
DEDHAM CP
Holton St Mary
Stratford St Mary
Higham
Dedham
Landham
Gifford's Hall Park
Thorington Street
Upper Street
Lower Street
Race Course
Wheatland Farm
Stratford Hills Farm
Four Sisters Farm
Holton Place
Holton Hall
Squirrels Hall
Oaks Farm
Four Sisters
Stratford House
Higham Lodge
Valley Farm
Marney Lodge
Hobbitts Hall
Holly Bush Corner
Dewland's Farm
Rowley Grove
Timber Hill Wood
Kiln Farm
Sodom and Gomorrah
Elmcot
Alder Carr
Pound Farm
Lower House Farm
Bradick's Hill
Bradick's Pond
Mill House
Bobwrights Farm
Eastfields Farm
Hudsons Cottage
Marsh Farm
Marsh House
Wasses
Lower Barn
Nether Hall Farm
Thorington Hall
Higham Bridge
Weir
Reservoir
Wick Farm
Valley House
Docura's Farm
Ashfield House
Church Farm
Coronation Copse
The Coombs
Essex Way
Whalebone Corner
Ewens Farm
Glebe Farm
Dalethorpe
The Rookery
Stratford Road
Dedham Bridge
Dedham Mill
Lower Park
Monk's Farm
Rookery Farm
Monk's Lane Farm
Boxhouse Farm
Shelley Glebe Farm
The Lecture House
Park Farm
Freemans Farm
Castle House
Heavy Horse Centre
East House
Manningtree Road
Dedham Old River
Stour Valley Path
St Edmund Way
Fen Bridge
Dedham Bridge
Footfall
Pound Farm
Fishpond Wood
Whalleys
Donkey Lane
Water Works
Woodhouse Farm
Reservoir
Gatton House Farm
Vale Farm
Ackworth House
Allen's Farm
The Lodge
Foxhall Coverts
Lodge Plantation
Leatherjacket
Hughes Corner
Road Covert
Hughes Road
King's Wood
The Commons
Dead Lane (Track)
Ipswich Road
Great Hill
The Clock Tower
Lowe Hill House
Spring Farm
Hill House
Higham Lodge
Hillcrest Cottages
Sprike's Grove
Nightingale Farm
Greyhound Hill Farm
Black Brook
The Old Mills House
Hornestreet
Oak-Apple-Farm
Boxted Cross
Homedale Farm
Hill Farm
Sky Hall Hill Cottages
Ash Wood
Wood Cottage
Cophedge Wood
Rivers Hall
Valley Farm
Low Lift Cottages
Boxted Mill
Water Works
Ford
Weir
Wick Farm
Wick Road
Grove Cottage
Pit (dis)
Reservoir
Cowpasture La (TK)
Langham Mill La (TK)
Snow Hill Lane (Track)
Hudsons Lane
Chapel Lane
Green Farm
Chapel Wood
Long Wood
Ermarsh Green
Teapot Corner
Teapot
Chapel (rems of)
River Brett
FB
Brick Farm
Highfields
Sewage Works
River Box
Track
Lark Hill
H Ram
Pit (dis)
Rough Hill
Holly Bush Corner
Higham Lodge
Marney Lodge
Valley Farm
Hill House
Marsh Farm
Wasses
Higham Bridge
Lower Barn
Nether Hall Farm
Thorington Hall
Langham Mill La (TK)
Cowpasture La (TK)
Reservoir
Grove Cottage
Pit (dis)
Wick Road
Wick Farm
Ford
Weir
Boxted Mill
Water Works
Valley House
Low Lift Cottages
St Edmund Way
Stour Valley Path
Docura's Farm
Ashfield House
Church Farm
Coronation Copse
The Coombs
Essex Way
Whalebone Corner
Ewens Farm
Glebe Farm
Dalethorpe
The Rookery
Stratford Road
Dedham Bridge
Dedham Mill
Lower Park
Monk's Farm
Rookery Farm
Monk's Lane Farm
Boxhouse Farm
Shelley Glebe Farm
The Lecture House
Park Farm
Freemans Farm
Castle House
Heavy Horse Centre
East House
Manningtree Road
Dedham Old River
Footfall
Pound Farm
Fishpond Wood
Whalleys
Donkey Lane
Woodhouse Farm
Reservoir
Gatton House Farm
Vale Farm
Ackworth House
Allen's Farm
The Lodge
Foxhall Coverts
Lodge Plantation
Leatherjacket
Hughes Corner
Road Covert
Hughes Road
King's Wood
The Commons
Dead Lane (Track)
Ipswich Road
Great Hill
The Clock Tower
Lowe Hill House
Spring Farm
Hill House
Higham Lodge
Hillcrest Cottages
Sprike's Grove
Nightingale Farm
Greyhound Hill Farm
Black Brook
The Old Mills House
Hornestreet
Oak-Apple-Farm
Boxted Cross
Homedale Farm
Hill Farm
Sky Hall Hill Cottages
Ash Wood
Wood Cottage
Cophedge Wood
Rivers Hall
Valley Farm
Sky Hall Hill
Track
Bobwrights Farm
Eastfields Farm
Hudsons Cottage
Hudsons Lane
Chapel Lane
Green Farm
Chapel Wood
Long Wood
Ermarsh Green
Teapot Corner
Teapot
Chapel (rems of)
River Brett
FB
Brick Farm
Highfields
Sewage Works
River Box
Track
Lark Hill
H Ram
Pit (dis)
Rough Hill
Holly Bush Corner
Higham Lodge
Marney Lodge
Valley Farm
Hill House
Marsh Farm
Marsh House
Wasses
Lower Barn
Nether Hall Farm
Thorington Hall
Higham Bridge
Weir
Reservoir
Wick Farm
Valley House

Doc Ref: 6.8.A7

Survey Area 8

Survey Area 5

Trenchless Crossing:
A12 highway crossing

FOR CONTINUATION SEE PAGE 5

Survey Area 6

Trenchless Crossing:
Railway crossing (east of Ardleigh)

Section C

Section D

TB20

TB15

TB10

TB5

TB1

Proposed
EACN
Substation

N

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Proposed project design details

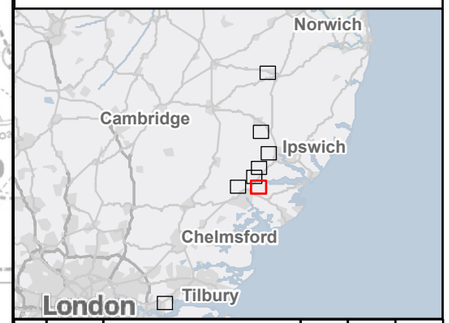
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- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Proposed underground cable alignment
- Proposed DNO Substation
- Proposed East Anglia Connection Node (EACN) Substation
- Environmental area
- Other temporary and permanent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

Discipline specific constraints

- Survey areas

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

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

Title:

Figure A8.7.1 - Ecology and Biodiversity Breeding Bird Survey Areas
Page 6 of 8

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
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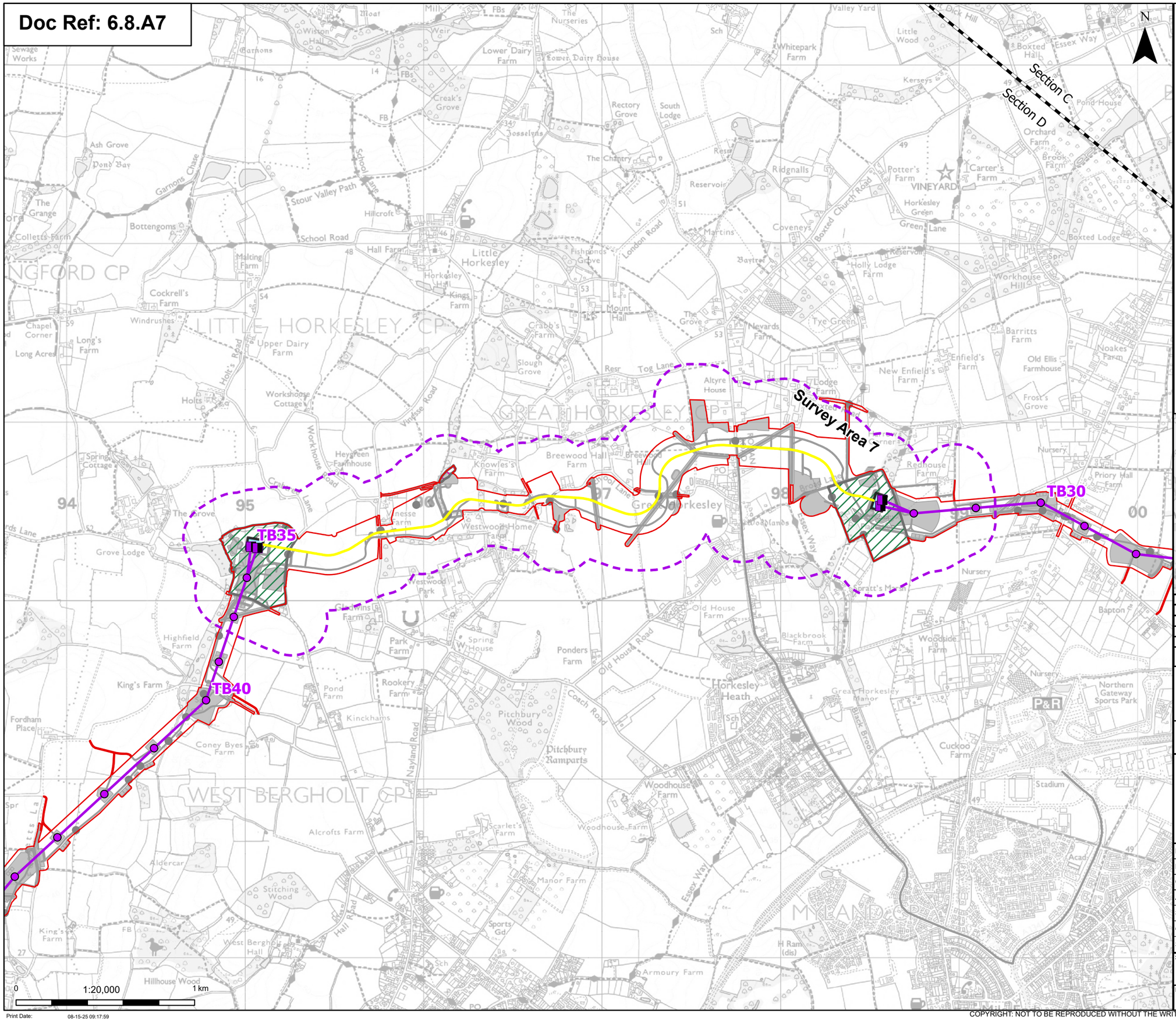
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- Order limits
- Project section line

Proposed project design details

- Proposed full line tension gantry
- 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

- Survey areas

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PROJECT: Norwich to Tilbury

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Regulation 5(2)(a)

Title:

Figure A8.7.1 - Ecology and Biodiversity Breeding Bird Survey Areas
Page 7 of 8

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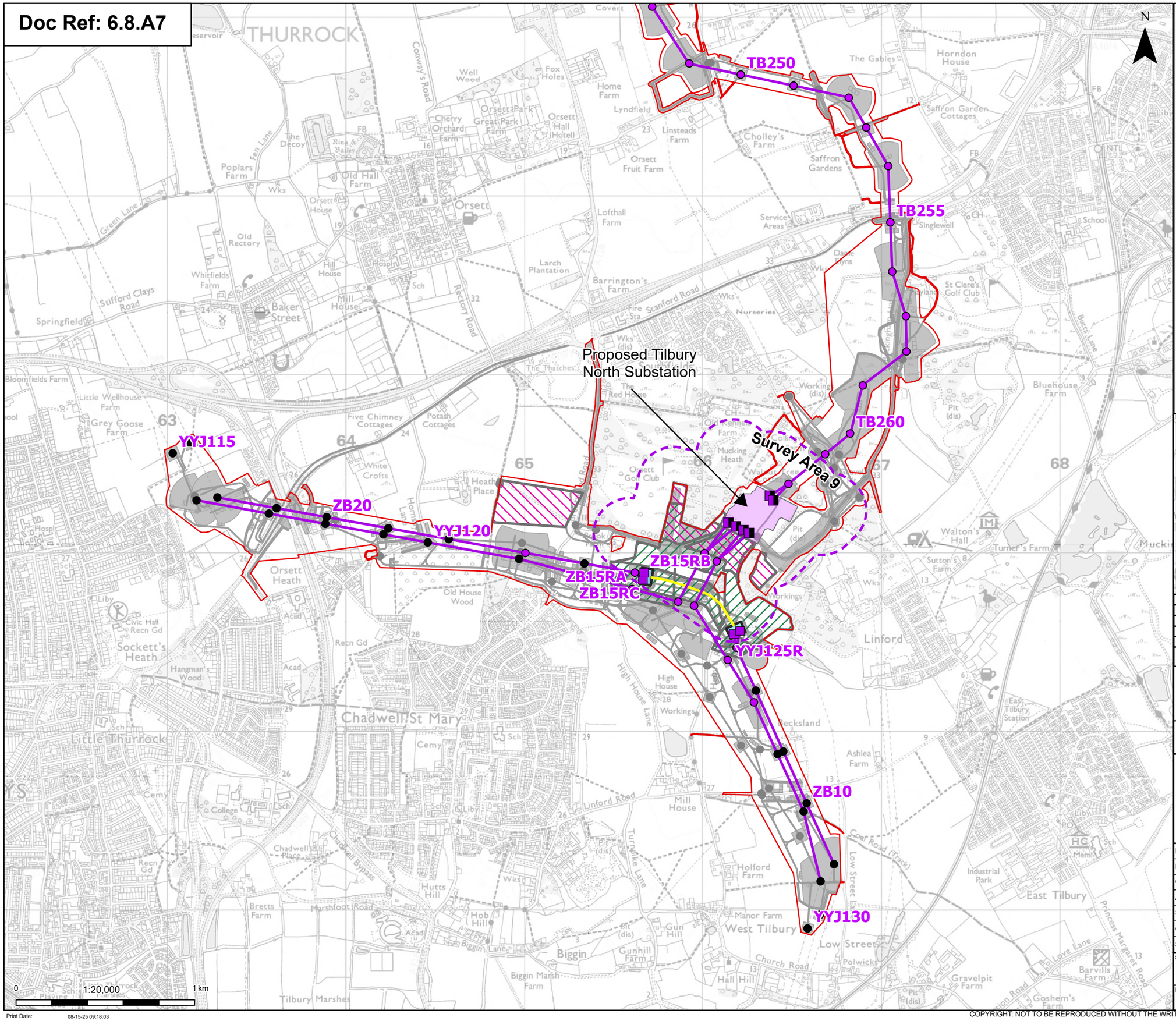
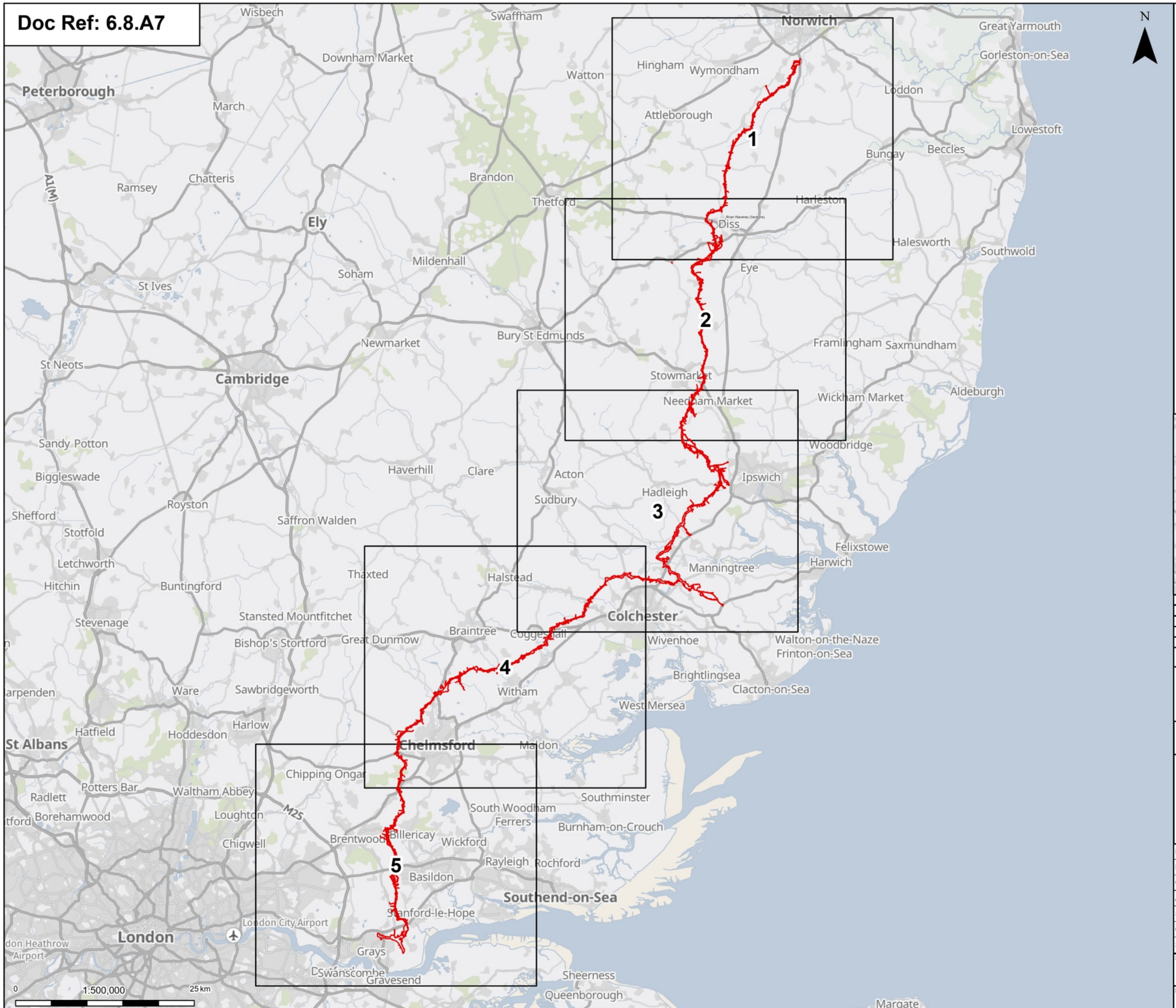

TB250
TB255
TB260
YYJ115
ZB20
YYJ120
ZB15RB
ZB15RA
ZB15RC
YYJ125R
ZB10
YYJ130
Proposed Tilbury North Substation
Survey Area 9
THURROCK
Orsett
Chadwell St Mary
Little Thurrock
Linford
East Tilbury
West Tilbury
Tilbury Marshes
Biggin
Sockett's Heath
Orsett Heath
Baker Street
Stifford Clays Road
Springfield
Stanford Road
Linford Road
Low Street
Church Road
Fen Lane
Green Lane
Conway's Road
Lofthall Farm
Barrington's Farm
Larch Plantation
Old Hall Farm
Orsett Hall (Hotel)
Orsett Fruit Farm
Saffron Gardens
Cholley's Farm
Linsteads Farm
Home Farm
Lyndfield
Horndon House
Saffron Garden Cottages
Singlewell
St Clere's Golf Club
Bluehouse Farm
Mucking Heath
Walton's Hall
Turner's Farm
Sutton's Farm
Becksland
Ashlea Farm
Holford Farm
Manor Farm
Gravelpit Farm
Goshem's Farm
Barvills Farm
Hall Hill
Gunhill Farm
Biggin Marsh Farm
Hutts Hill
Hob Hill
Mill House
High House
Old House Wood
Hangman's Wood
Orsett Golf Club
Civic Hall Recn Gd
Chadwell Bypass
Marshfoot Road
Princess Margaret Road
Coal Road (Track)
Turnpike Lane
High House Lane
Biggin Lane
Love Lane
Industrial Park
Mill House
Old Rectory
Poplars Farm
Whitfields Farm
Bloomfields Farm
Little Wellhouse Farm
Grey Goose Farm
Five Chimney Cottages
Potash Cottages
White Crofts
Heath Place
Old Hall Farm
Orsett House
Cherry Orchard Farm
Great Park Farm
Orsett Park
Well Wood
Fox Holes
Covert
The Decoy
Rina's Valley
The Gables
Dane Eyns
Burtz Lane
Nurseries
Fire Sta
Service Areas
Working (dis)
Pit (dis)
Wks (dis)
The Thatches
The Red House
Old Hall Farm
Civic Hall Recn Gd
Recn Gd
Acad
Cemy
College
Sch
Liby
Hosp
PO
CH
FB
NTL
IMI
Memls
HC
Workings
Wks
Pit (dis)
Gun Hill
Polwicks
Low Street
Princess Margaret Road
Love Lane
Goshem's Farm
Barvills Farm
East Tilbury Station
Ashlea Farm
Mill House
Holford Farm
Manor Farm
Gravelpit Farm
Industrial Park
Hall Hill
Gunhill Farm
Biggin Marsh Farm
Hutts Hill
Hob Hill
Bretts Farm
Chadwell Place
Turnpike Lane
High House Lane
Old House Wood
Hangman's Wood
Orsett Golf Club
Civic Hall Recn Gd
Chadwell Bypass
Marshfoot Road
Princess Margaret Road
Coal Road (Track)
Low Street
Church Road

Figure A8.7.2 Designated Sites with Breeding Bird Interest within 2 km of Order Limits

Doc Ref: 6.8.A7



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A	Aug 2025	FOR DCO APPLICATION	MP	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.7.2 - Ecology and Biodiversity Designated Sites with Breeding Bird Interest within 2km of Order Limits Overview

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:500,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description: Accepted as Concept Stage

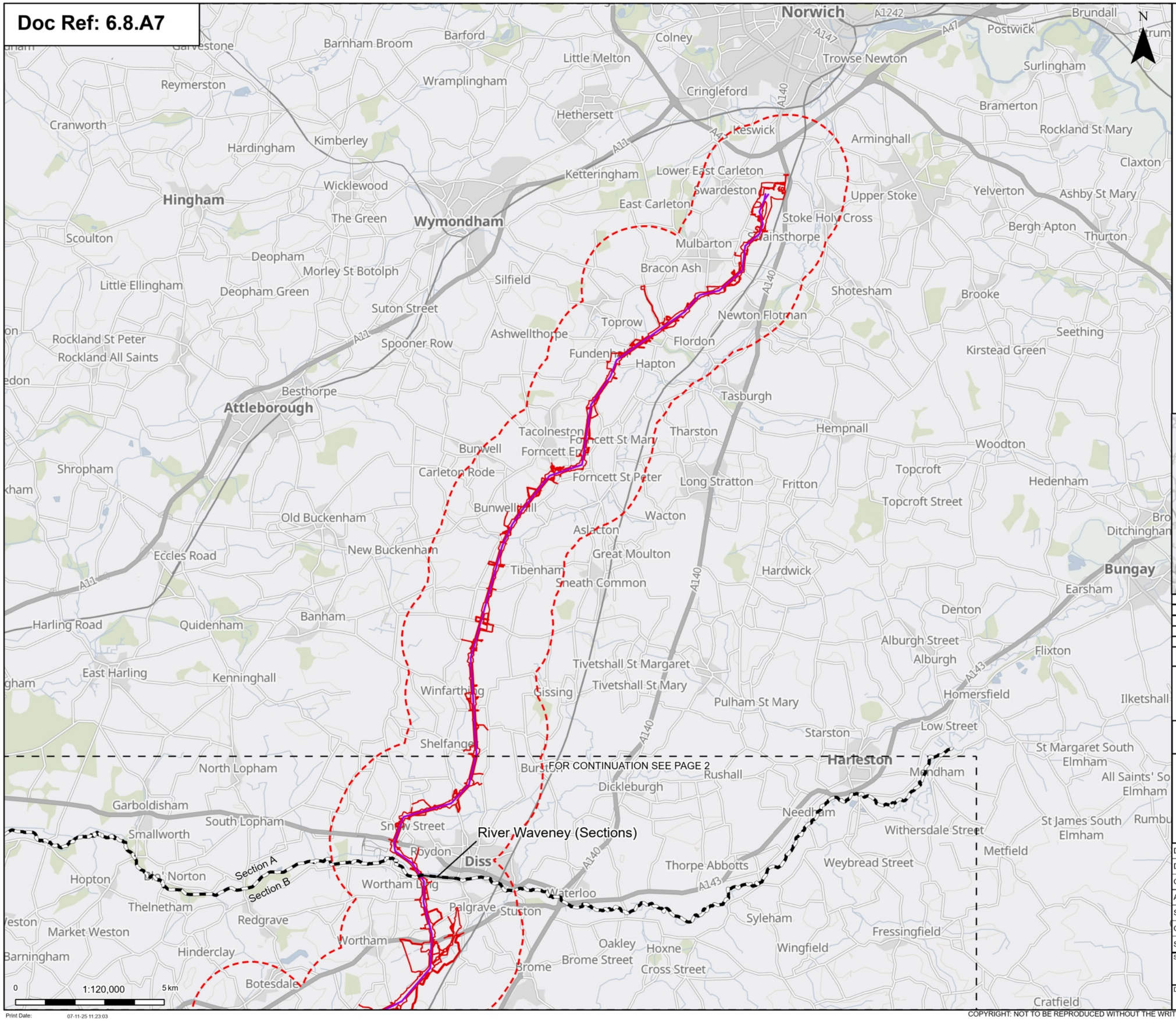
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Revision: A

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Sheet index cutline
Project section line

Proposed project design details

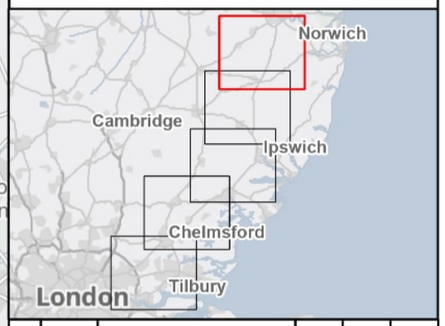
Proposed overhead line alignment

Discipline specific constraints

2 km Study Area
County Wildlife Site

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

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

Title:

Figure A8.7.2 - Ecology and Biodiversity Designated Sites with Breeding Bird Interest within 2km of Order Limits
Page 1 of 5

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:120,000	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-00348

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River Waveney (Sections)

Section A

Section B

FOR CONTINUATION SEE PAGE 1

FOR CONTINUATION SEE PAGE 3

Forrold Meadow

River Gipping (Sections)

River Gipping (Sections)

0 1:120,000 5 km

Print Date: 07-11-25 11:23:18

Order limits

Sheet index cutline

Project section line

Proposed project design details

Proposed overhead line alignment

Discipline specific constraints

2 km Study Area

County Wildlife Site

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
Cambridge
Ipswich
Chelmsford
Tilbury
London

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.7.2 - Ecology and Biodiversity Designated Sites with Breeding Bird Interest within 2km of Order Limits
Page 2 of 5

Designed	R. Anderton	Date	21 Aug 25
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Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:120,000	Datum:	AOD
Original Size:	A3	Grid:	OS
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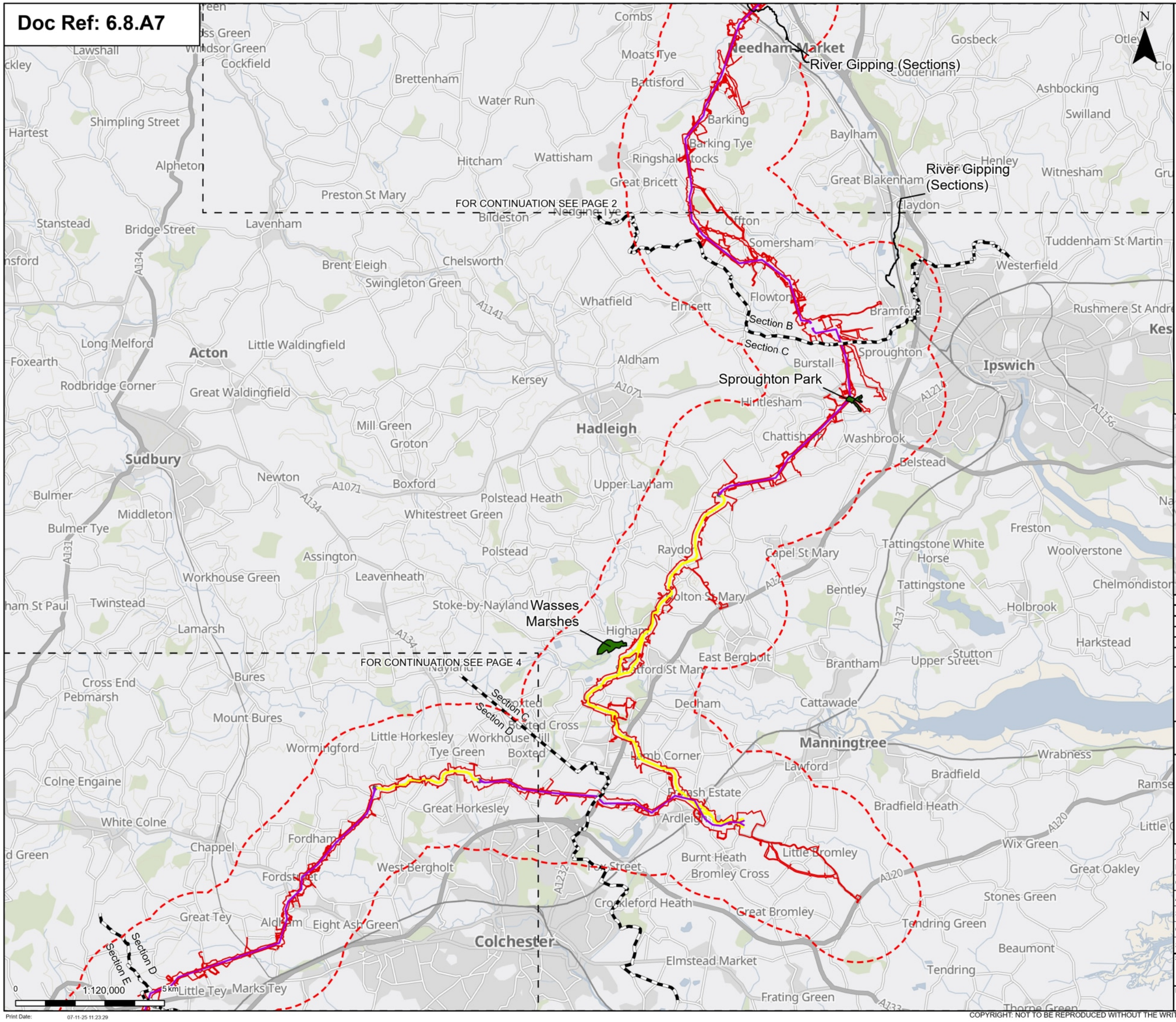
Suitability Description: Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00348

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Project section line

Proposed project design details

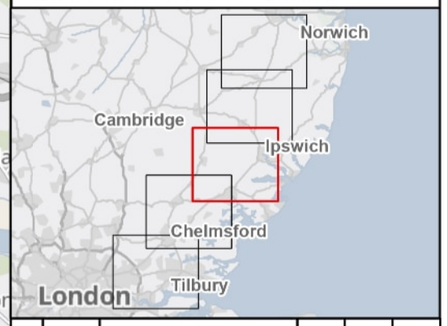
Proposed overhead line alignment
Proposed underground cable alignment
Proposed cable sealing end compound (CSEC)

Discipline specific constraints

2 km Study Area
County Wildlife Site

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

Planning Inspectorate App Number: EN020027
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Title:

Figure A8.7.2 - Ecology and Biodiversity Designated Sites with Breeding Bird Interest within 2km of Order Limits
Page 3 of 5

Designed	R. Anderton	Date	21 Aug 25
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Scale:	1:120,000	Datum:	AOD
Original Size:	A3	Grid:	OS
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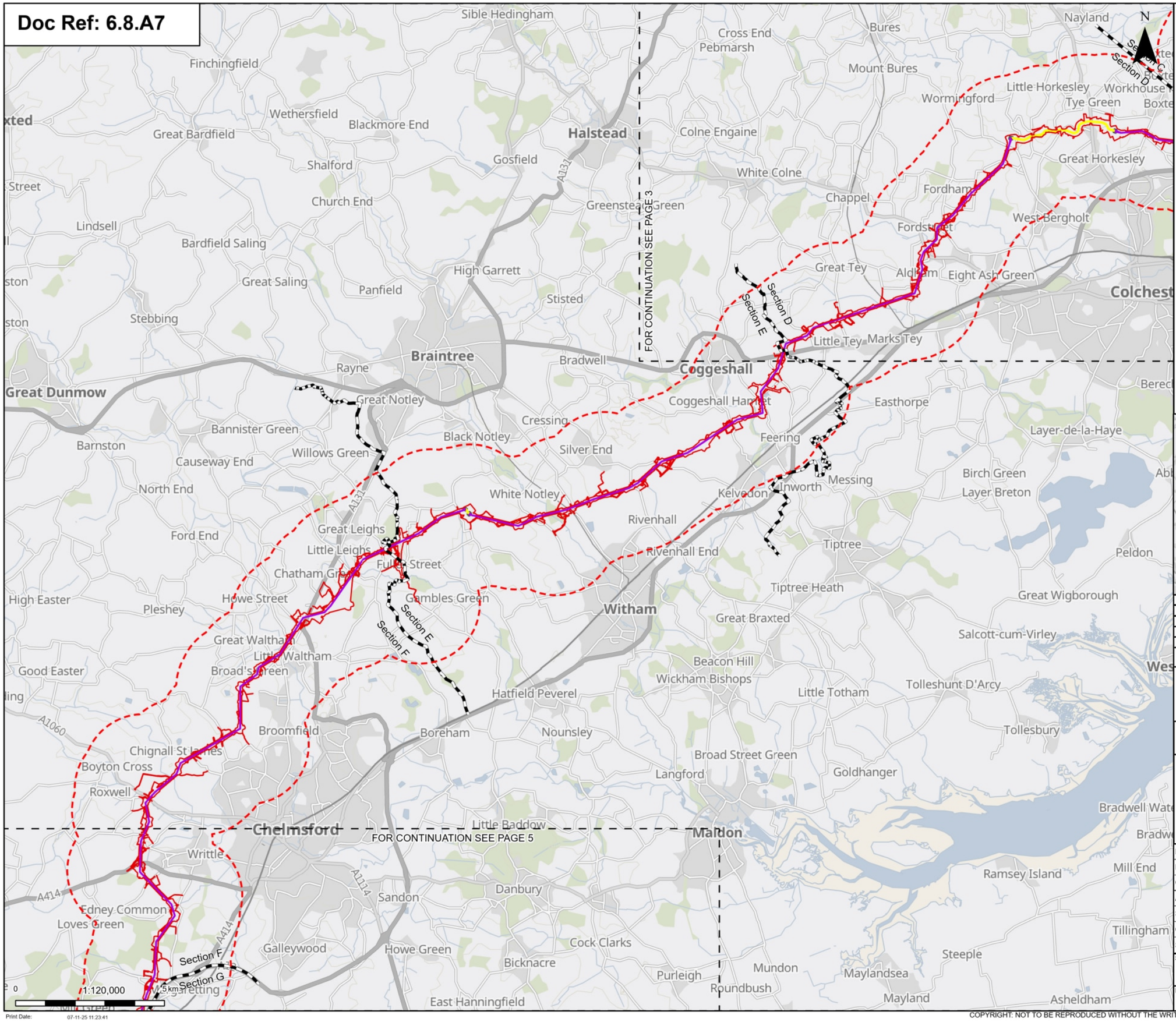
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Revision: A

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Project section line

Proposed project design details

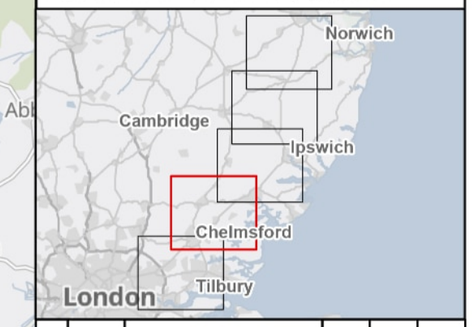
Proposed overhead line alignment
Proposed underground cable alignment
Proposed cable sealing end compound (CSEC)

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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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.7.2 - Ecology and Biodiversity Designated Sites with Breeding Bird Interest within 2km of Order Limits
Page 4 of 5

Designed	R. Anderton	Date	21 Aug 25
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Approved	K. Burrows	Date	21 Aug 25
Scale:	1:120,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

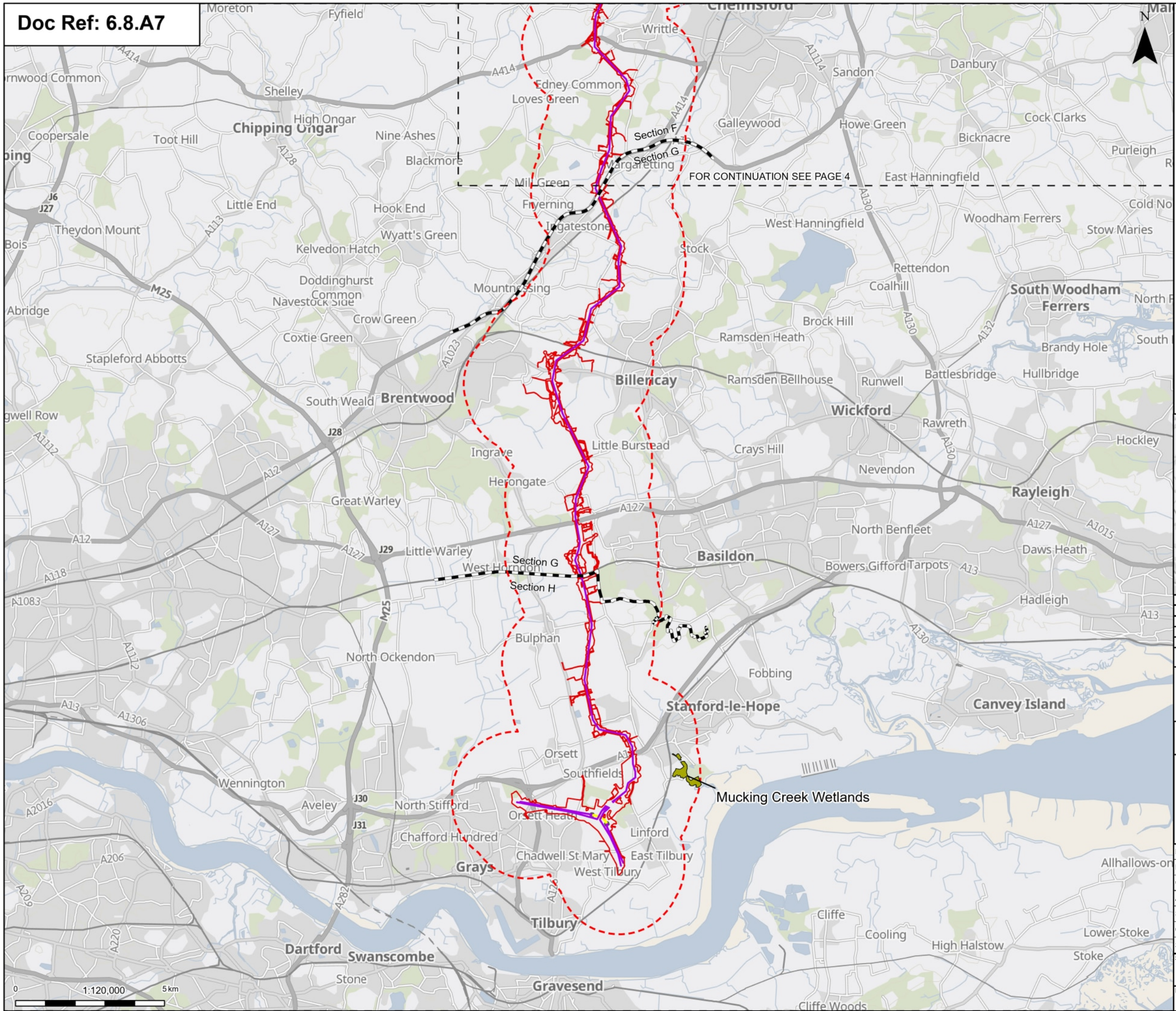
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Revision: A

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Order limits
Sheet index cutline
Project section line

Proposed project design details

Proposed overhead line alignment
Proposed underground cable alignment
Proposed cable sealing end compound (CSEC)

Discipline specific constraints

2 km Study Area
Local Wildlife Site

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

Planning Inspectorate App Number: EN020027
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Title:

Figure A8.7.2 - Ecology and Biodiversity Designated Sites with Breeding Bird Interest within 2km of Order Limits
Page 5 of 5

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:120,000	Datum:	AOD
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Suitability Description: Accepted as Concept Stage

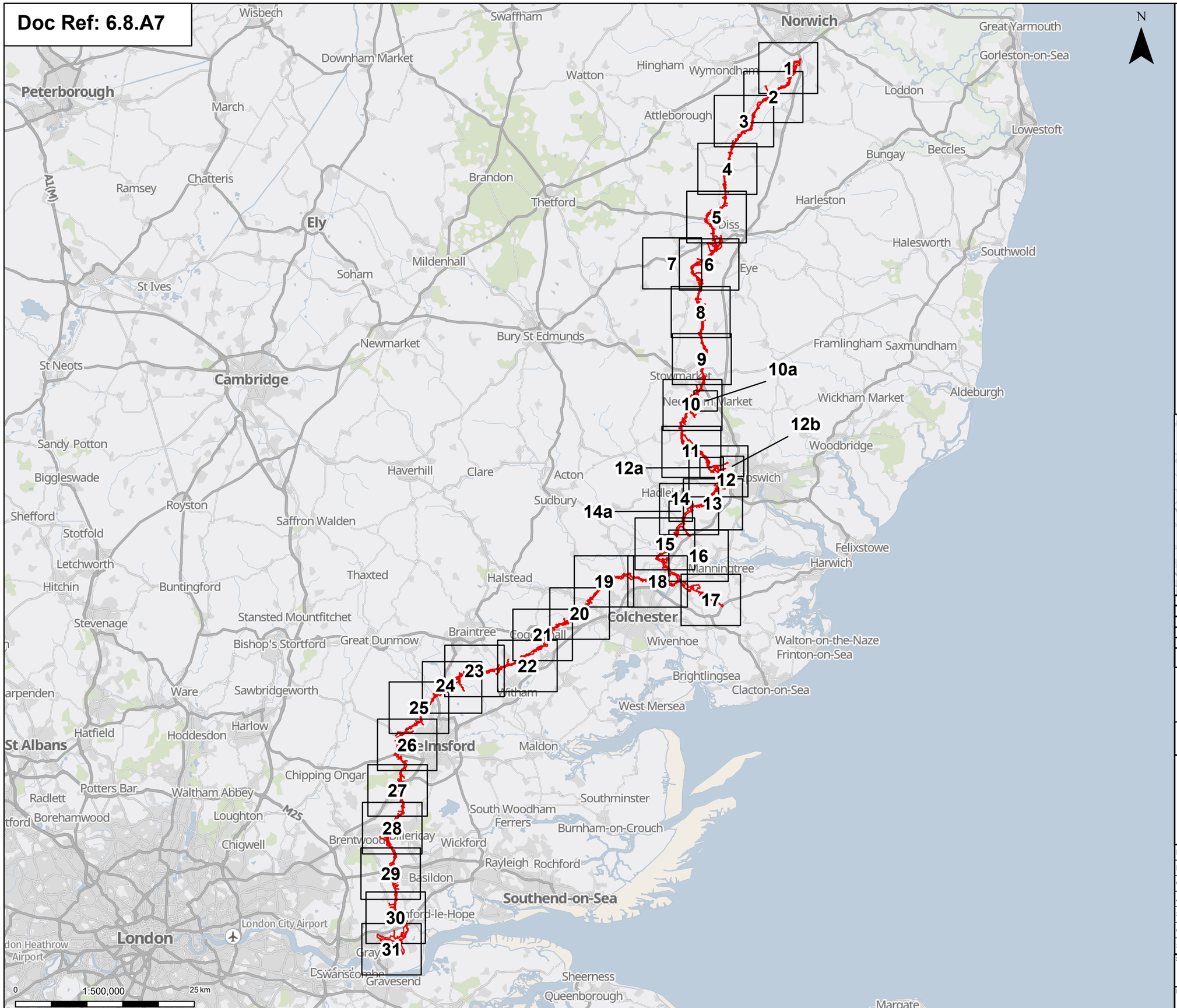
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Figure A8.7.3 Distribution of Potential Breeding Bird Desk Study Records within 2 km of Order Limits

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.7.3 - Ecology and Biodiversity
Distribution of Potential Breeding Bird
Desk Study Records within 2km of Order Limits
Overview

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:500,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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Revision: A

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Norwich Main Substation Extension (Future Baseline)

Norwich Main Substation

RG1

RG5

RG10

RG15

RG20

1

4

4

FOR CONTINUATION SEE PAGE 2

N

0 1:25,000 1 km

Print Date: 08-15-25 12:20:08

Order limits
Sheet index cutline

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

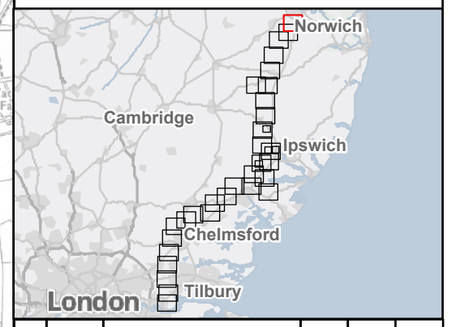
2 km Study Area

Conservation status of potential breeding bird species selection

Red-listed
Amber-listed
Green-listed
Not-listed
1 Number of records

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

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

Title:

Figure A8.7.3 - Ecology and Biodiversity
Distribution of Potential Breeding Bird
Desk Study Records within 2km of Order Limits
Page 1 of 31

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	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

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RG10
RG15
RG20
RG25
RG30
RG35
2

FOR CONTINUATION SEE PAGE 1
FOR CONTINUATION SEE PAGE 3

0 1:25,000 1 km

Print Date: 08-15-25 12:20:14

Order limits
Sheet index cutline

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

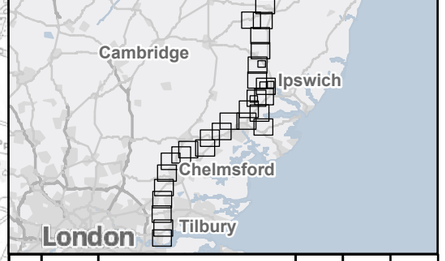
Conservation status of potential breeding bird species selection

Red-listed
Amber-listed
Green-listed
Not-listed

1 Number of records

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

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

Title:

Figure A8.7.3 - Ecology and Biodiversity
Distribution of Potential Breeding Bird
Desk Study Records within 2km of Order Limits
Page 2 of 31

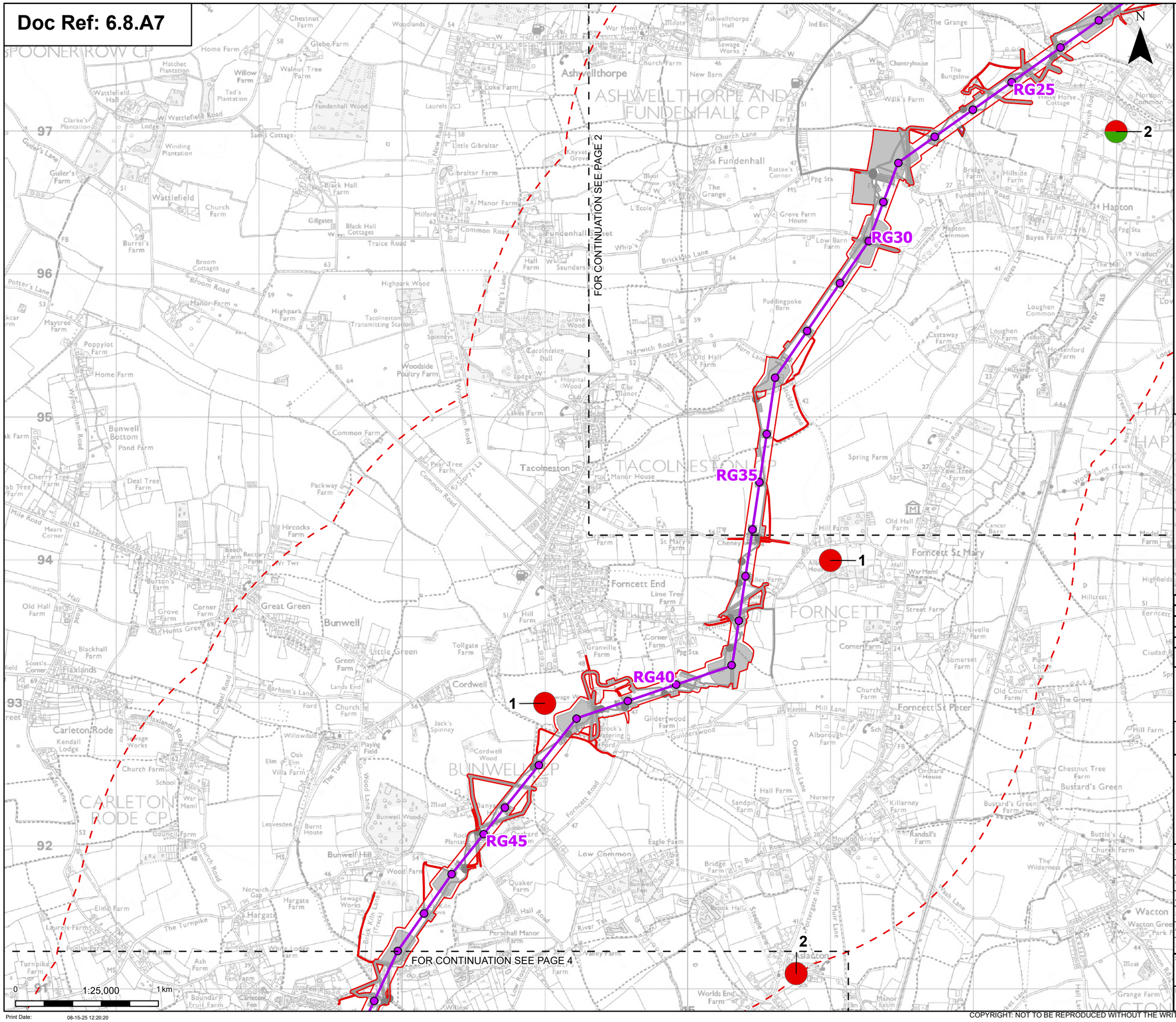
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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Order limits
Sheet index cutline

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

Conservation status of potential breeding bird species selection

Red-listed
Amber-listed
Green-listed
Not-listed

1 Number of records

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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Title:

Figure A8.7.3 - Ecology and Biodiversity
Distribution of Potential Breeding Bird
Desk Study Records within 2km of Order Limits
Page 3 of 31

Designed	R. Anderton	Date	21 Aug 25
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Scale:	1:25,000	Datum:	AOD
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FOR CONTINUATION SEE PAGE 5

RG50 RG55 RG60 RG65

1 2 3 186

0 1:25,000 1 km

Print Date: 08-15-25 12:20:25

Order limits
Sheet index cutline

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

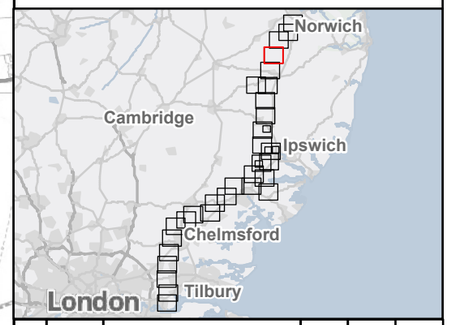
Conservation status of potential breeding bird species selection

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Amber-listed
Green-listed
Not-listed

1 Number of records

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Planning Inspectorate App Number: EN020027
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Title:

Figure A8.7.3 - Ecology and Biodiversity
Distribution of Potential Breeding Bird
Desk Study Records within 2km of Order Limits
Page 4 of 31

Designed	R. Anderton	Date	21 Aug 25
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Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

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FOR CONTINUATION SEE PAGE 7

FOR CONTINUATION SEE PAGE 6

RG70
RG75
RG80
RG85
RG90

Section A
Section B

1
10
2
18
6
2
317

0 1:25,000 1 km

Print Date: 08-15-25 12:20:30

N

Order limits
Sheet index cutline
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

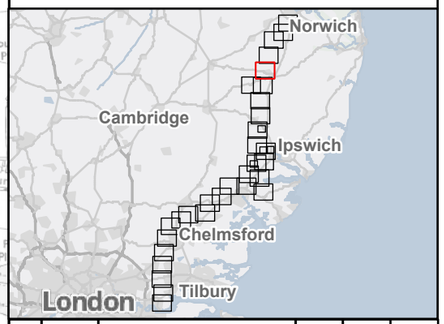
Conservation status of potential breeding bird species selection

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Amber-listed
Green-listed
Not-listed

1 Number of records

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

Title:

Figure A8.7.3 - Ecology and Biodiversity
Distribution of Potential Breeding Bird
Desk Study Records within 2km of Order Limits
Page 5 of 31

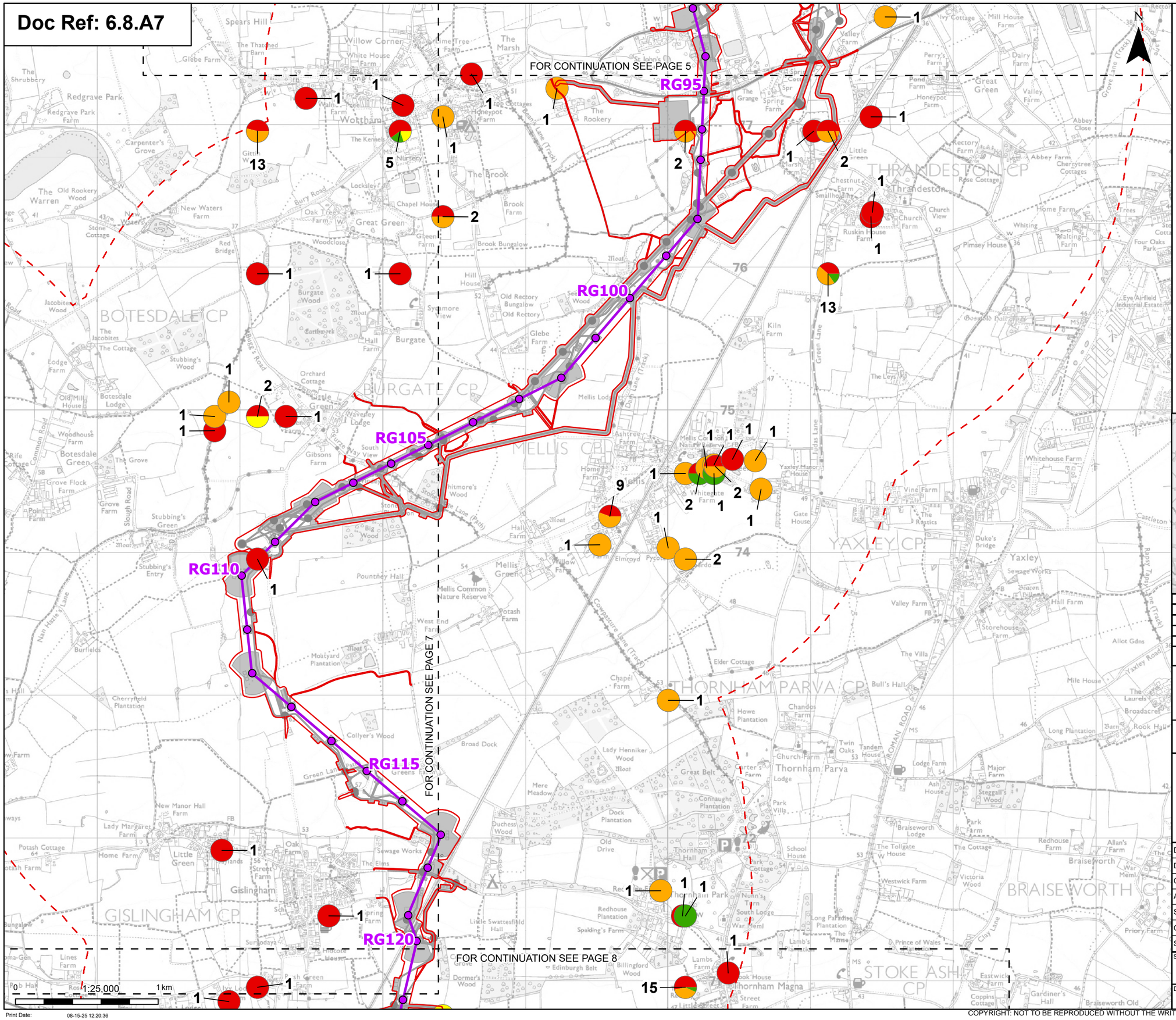
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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Revision: A

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Order limits
Sheet index cutline

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

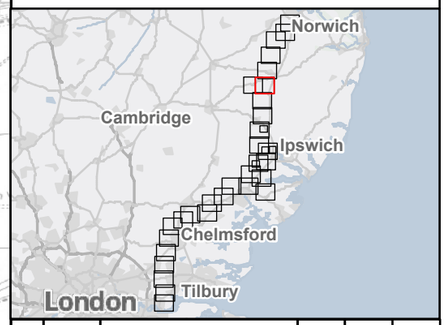
Conservation status of potential breeding bird species selection

Red-listed
Amber-listed
Green-listed
Not-listed

1 Number of records

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

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

Title:

Figure A8.7.3 - Ecology and Biodiversity
Distribution of Potential Breeding Bird
Desk Study Records within 2km of Order Limits
Page 6 of 31

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	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
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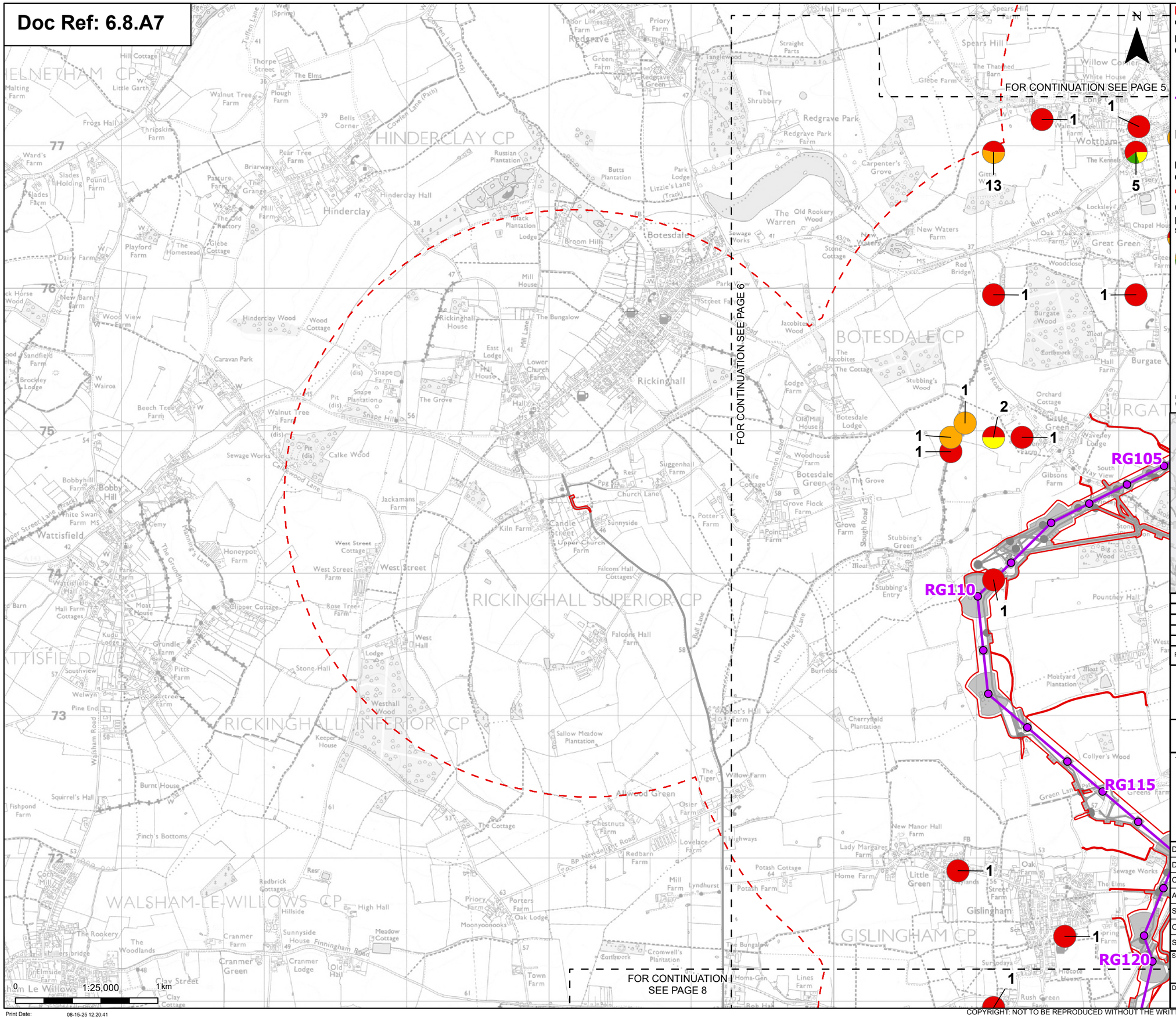
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Order limits
Sheet index cutline

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

Conservation status of potential breeding bird species selection

Red-listed
Amber-listed
Green-listed
Not-listed

1 Number of records

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

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

Title:

Figure A8.7.3 - Ecology and Biodiversity
Distribution of Potential Breeding Bird
Desk Study Records within 2km of Order Limits
Page 7 of 31

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
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Approved	K. Burrows	Date	21 Aug 25
Scale:	1:25,000	Datum:	AOD
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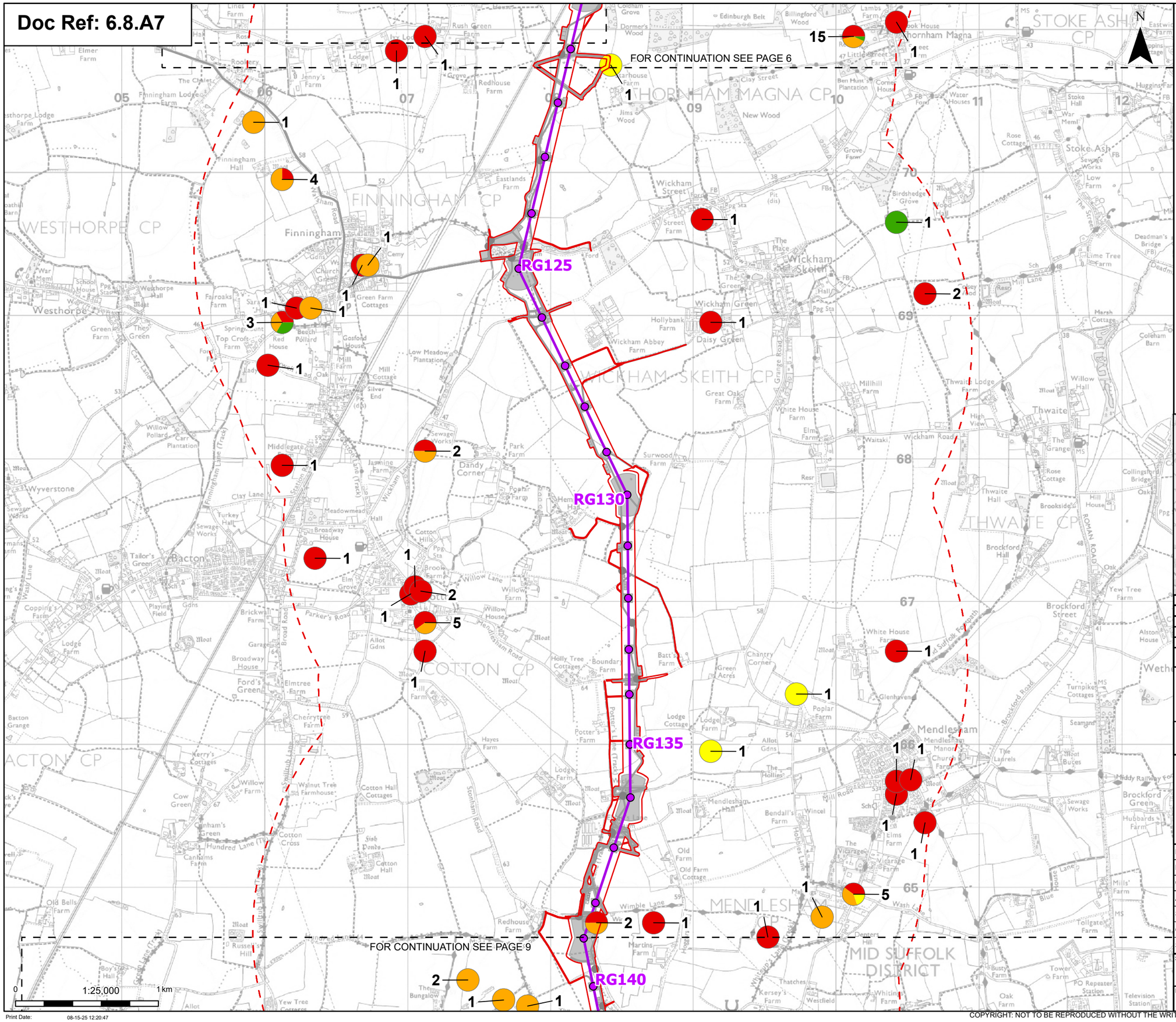
Suitability Description:
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Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00349
Revision: A

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Order limits
Sheet index cutline

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

Conservation status of potential breeding bird species selection

Red-listed
Amber-listed
Green-listed
Not-listed

1 Number of records

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

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

Title:

Figure A8.7.3 - Ecology and Biodiversity
Distribution of Potential Breeding Bird
Desk Study Records within 2km of Order Limits
Page 8 of 31

Designed	R. Anderton	Date	21 Aug 25
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Approved	K. Burrows	Date	21 Aug 25
Scale:	1:25,000	Datum:	AOD
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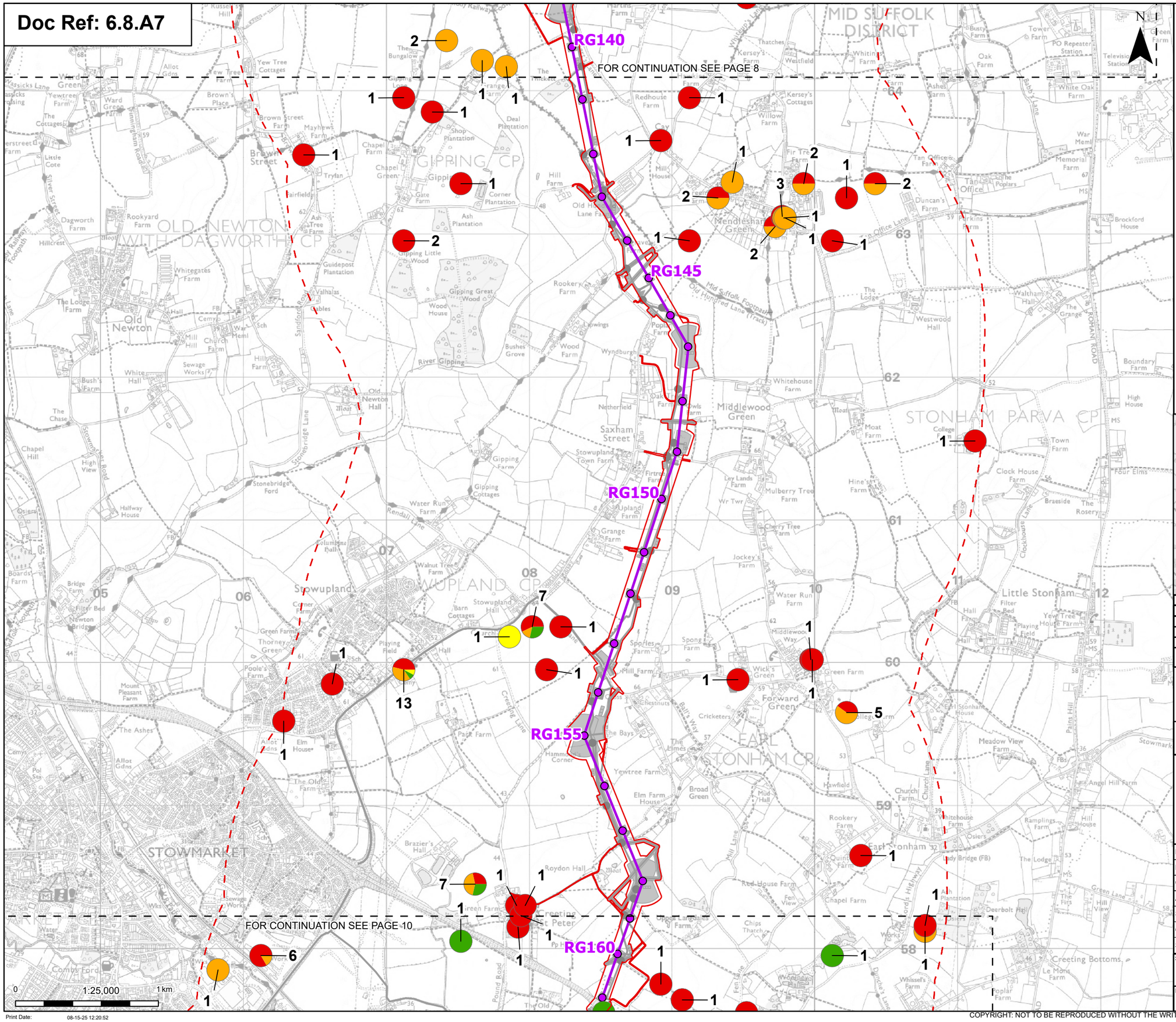
Suitability Description: Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00349
Revision: A

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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

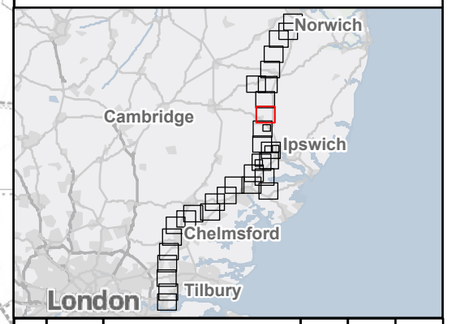
Conservation status of potential breeding bird species selection

Red-listed
Amber-listed
Green-listed
Not-listed

1 Number of records

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.7.3 - Ecology and Biodiversity
Distribution of Potential Breeding Bird
Desk Study Records within 2km of Order Limits
Page 9 of 31

Designed	R. Anderton	Date	21 Aug 25
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Approved	K. Burrows	Date	21 Aug 25
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Suitability Code:	A2	Project Number:	10059280

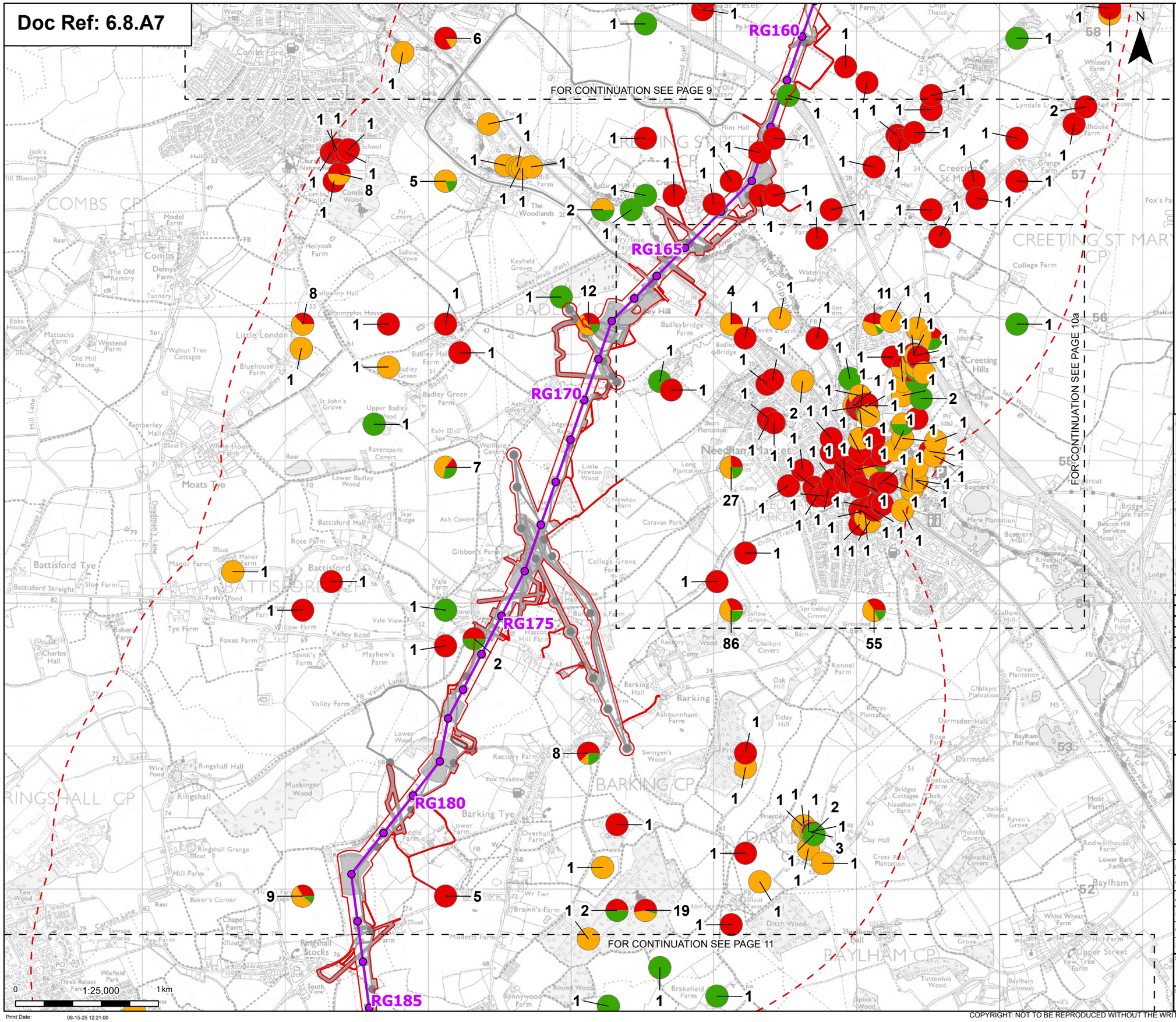
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Revision: A

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Order limits

Sheet index cutline

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

Conservation status of potential breeding bird species selection

Red-listed

Amber-listed

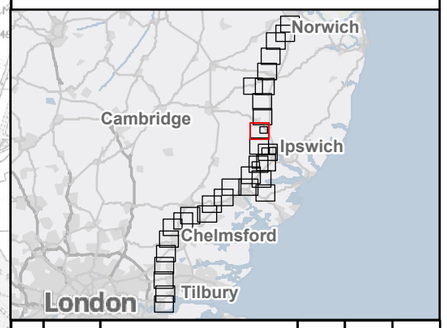
Green-listed

Not-listed

1 Number of records

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

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

Title:

Figure A8.7.3 - Ecology and Biodiversity
Distribution of Potential Breeding Bird
Desk Study Records within 2km of Order Limits
Page 10 of 31

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	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:

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Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00349

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Order limits
Sheet index cutline

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

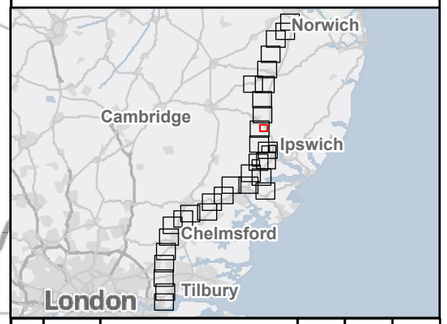
Conservation status of potential breeding bird species selection

Red-listed
Amber-listed
Green-listed
Not-listed

1 Number of records

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

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

Title:

Figure A8.7.3 - Ecology and Biodiversity
Distribution of Potential Breeding Bird
Desk Study Records within 2km of Order Limits
Page 10a of 31

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:10,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
Accepted as Concept Stage

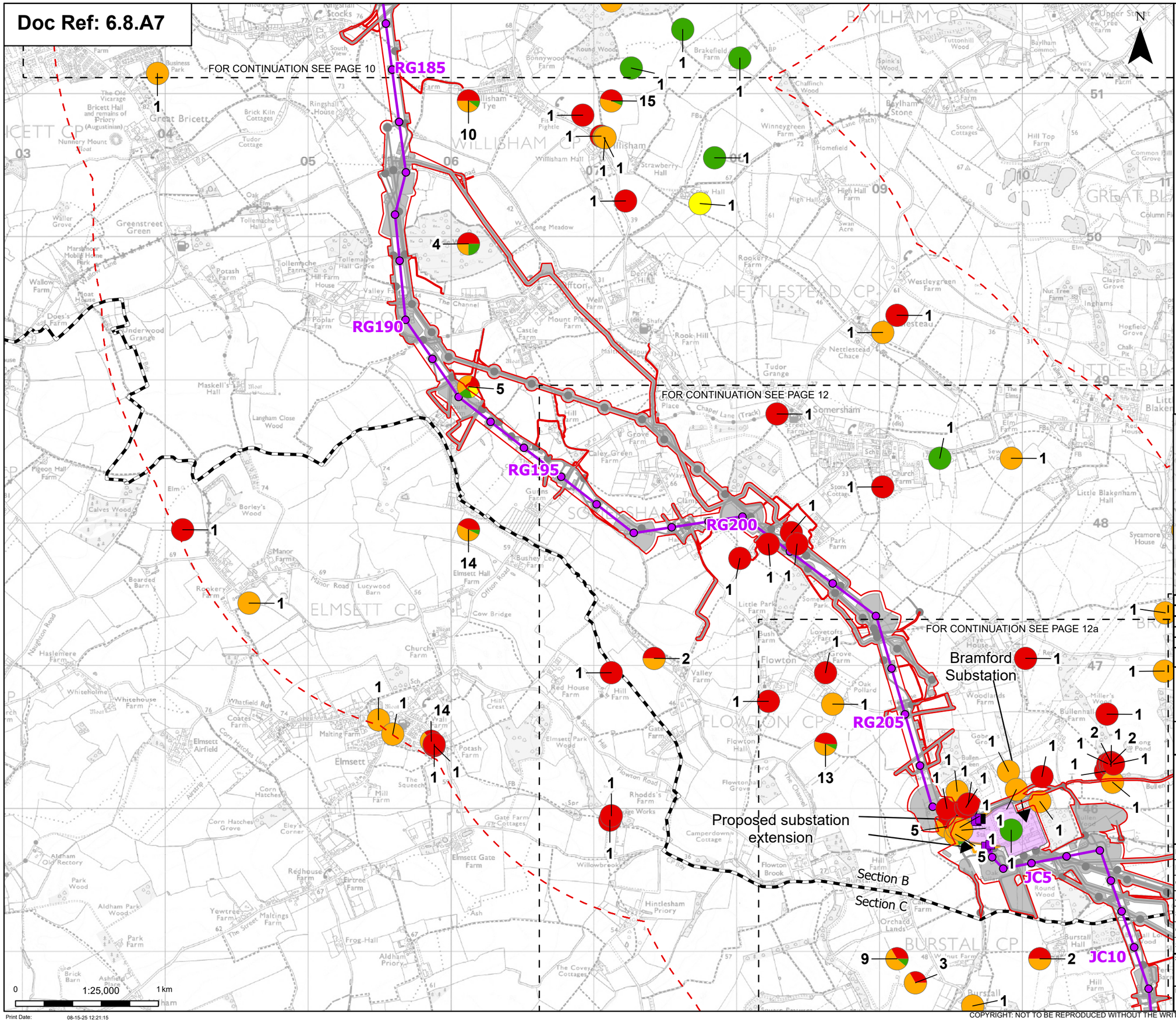
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Order limits
Sheet index cutline
Project section line

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

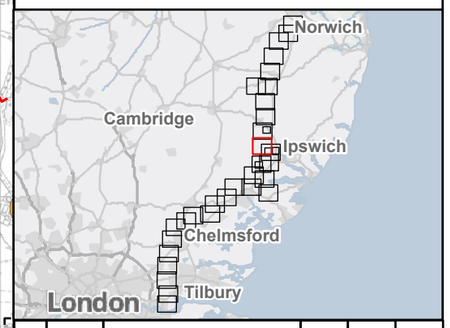
Conservation status of potential breeding bird species selection

- Red-listed
- Amber-listed
- Green-listed
- Not-listed

1 Number of records

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

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

Title:

Figure A8.7.3 - Ecology and Biodiversity
Distribution of Potential Breeding Bird
Desk Study Records within 2km of Order Limits
Page 11 of 31

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	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
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Suitability Description:
Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00349
Revision: A

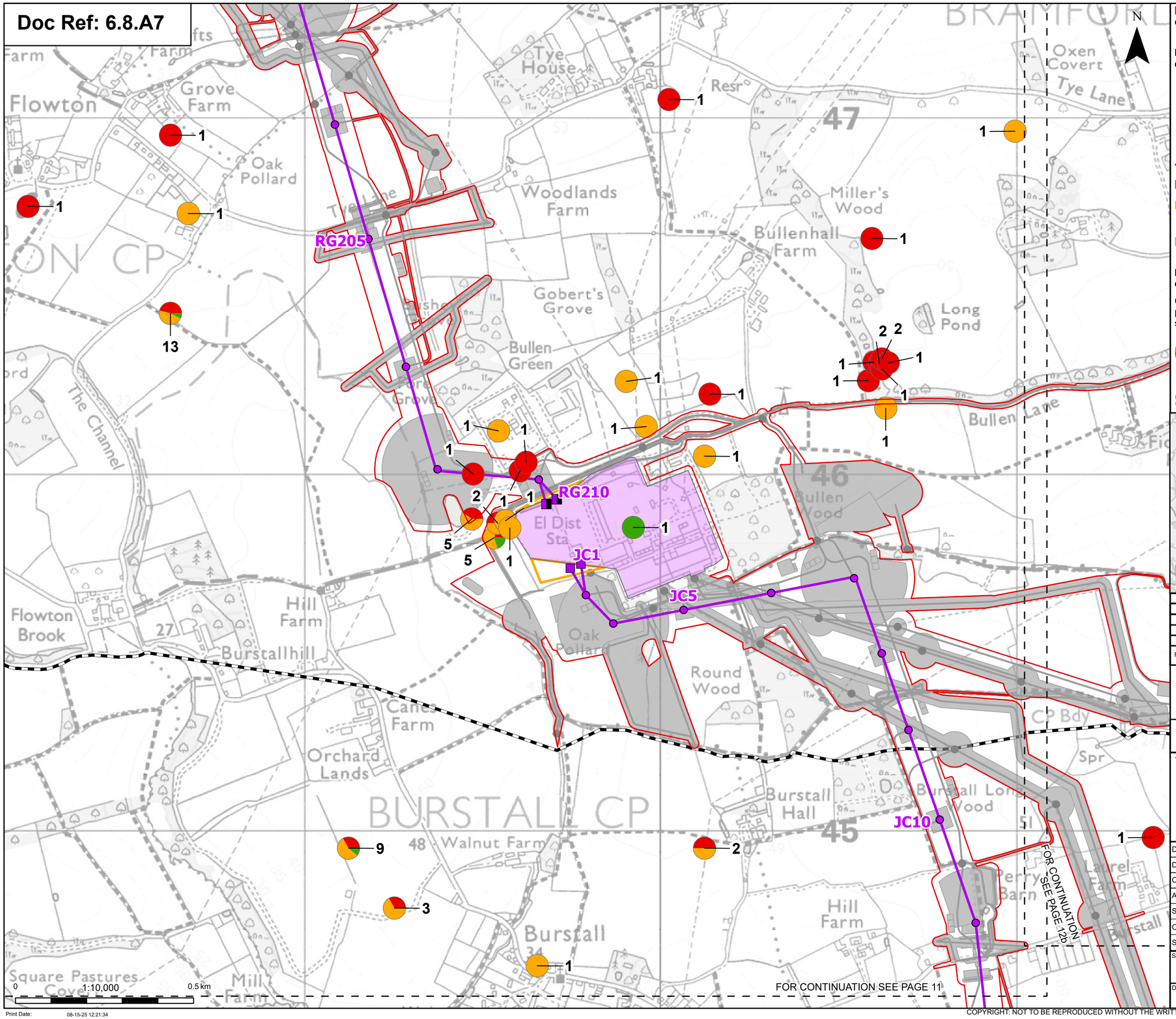
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RG195
RG200
RG205
JC5
JC10
JC15
JC20
Bramford Substation
Proposed substation extension
Section B
Section C
FOR CONTINUATION SEE PAGE 12a
FOR CONTINUATION SEE PAGE 12b
FOR CONTINUATION SEE PAGE 11
FOR CONTINUATION SEE PAGE 13
FOR CONTINUATION SEE PAGE 14
SOMERSHAM
FLOWTON CP
BURSTALL CP
HINTLESHAM CP
SPROUGHTON CP
CHATTISHAM CP
WHITTON
Somersham
Little Blakenham
Bramford
Flowton
Burstall
Hintlesham
Chattisham
Washbrook
Westbourne
Hintlesham Great Wood
Duke Street
Hintlesham Priory
Willowbrook
Round Wood
Grinding Farm
Thornbush Hall
Spring Vale Farm
Chantry Park
Chantry
Ipswich
Spr
Gdns
Recn Gd
Allot Gdns
Sch
Hotel
Works
Pond
Weir
Bridge
Cottage
Cottages
Lodge
Farm
Hall
House
Wood
Grove
Park
Valley
Hill
Bridge
Lane
Road
Walk
Brook
Meadow
Green
Common
Covert
Copse
Barn
Mill
Pit (dis)
Elms
Oaks
Ash Pollard
Oak Pollard
Walnut-tree Farm
Broom Hill
Fisk Grove
Suffolk Water Park
Norwich Road
Rookery
Mockbeggars Hall
Business Park
Industrial Estate
Caravan Park
Allot Gdns
Crane Hall
Elton
Westbourne
Eastern Gateway
Belstead House
Whitton House
Red House Farm
Spring Vale Farm
Valley Lodge Farm
Hill Farm
Fen Farm
Grinding Farm
Thornbush Hall
Ivywell Farm
Amor Hall
Whighty Corner
Sproughton Manor
Hatchbrook Farm
Pigeon's Farm
Keepers Cottage
Oxen Covert
Rutters Farm
Copenhagen Cottage
Sycamore House
Little Blakenham Hall
Bramford Common
Suffolk Water Park
Driving Range
Alder Carr
Fisk Grove
Broom Hill
Walnut-tree Farm
Ash Pollard

Doc Ref: 6.8.A7



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

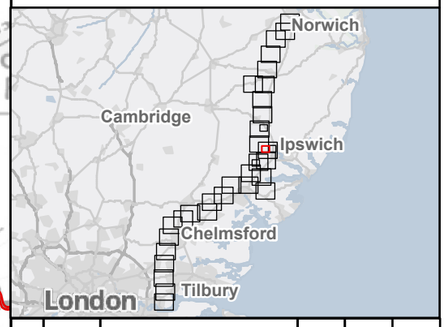
Conservation status of potential breeding bird species selection

Red-listed
Amber-listed
Green-listed
Not-listed

1 Number of records

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

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

Title:

Figure A8.7.3 - Ecology and Biodiversity
Distribution of Potential Breeding Bird
Desk Study Records within 2km of Order Limits
Page 12a of 31

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:10,000	Datum:	AOD
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Suitability Code:	A2	Project Number:	10059280

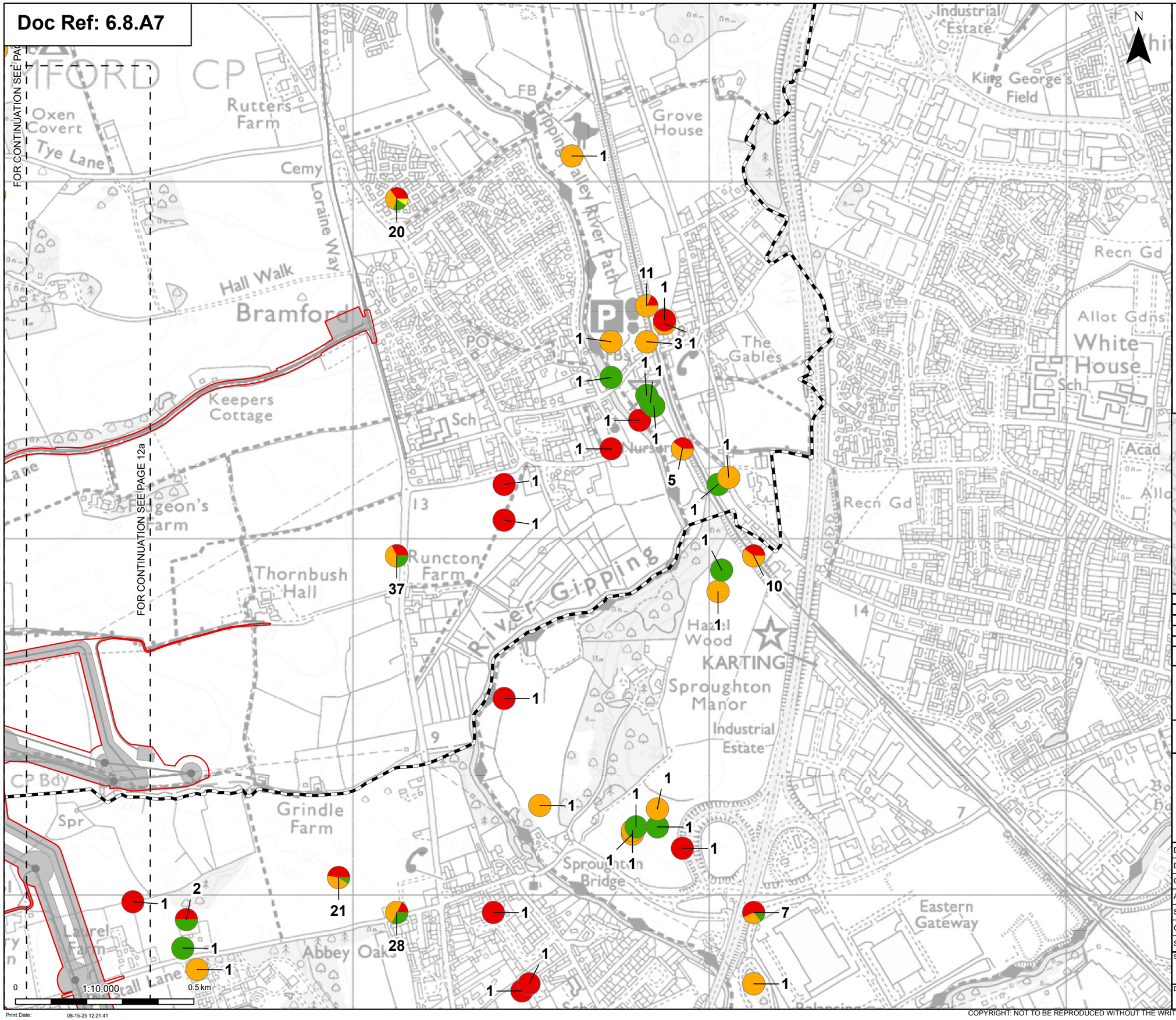
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Revision: A

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Order limits
Sheet index cutline
Project section line

Proposed project design details

Other temporary and permanent construction and operational works

Discipline specific constraints

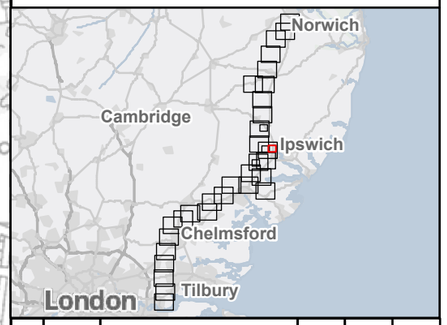
Conservation status of potential breeding bird species selection

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Amber-listed
Green-listed
Not-listed

1 Number of records

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.7.3 - Ecology and Biodiversity
Distribution of Potential Breeding Bird
Desk Study Records within 2km of Order Limits
Page 12b of 31

Designed	R. Anderton	Date	21 Aug 25
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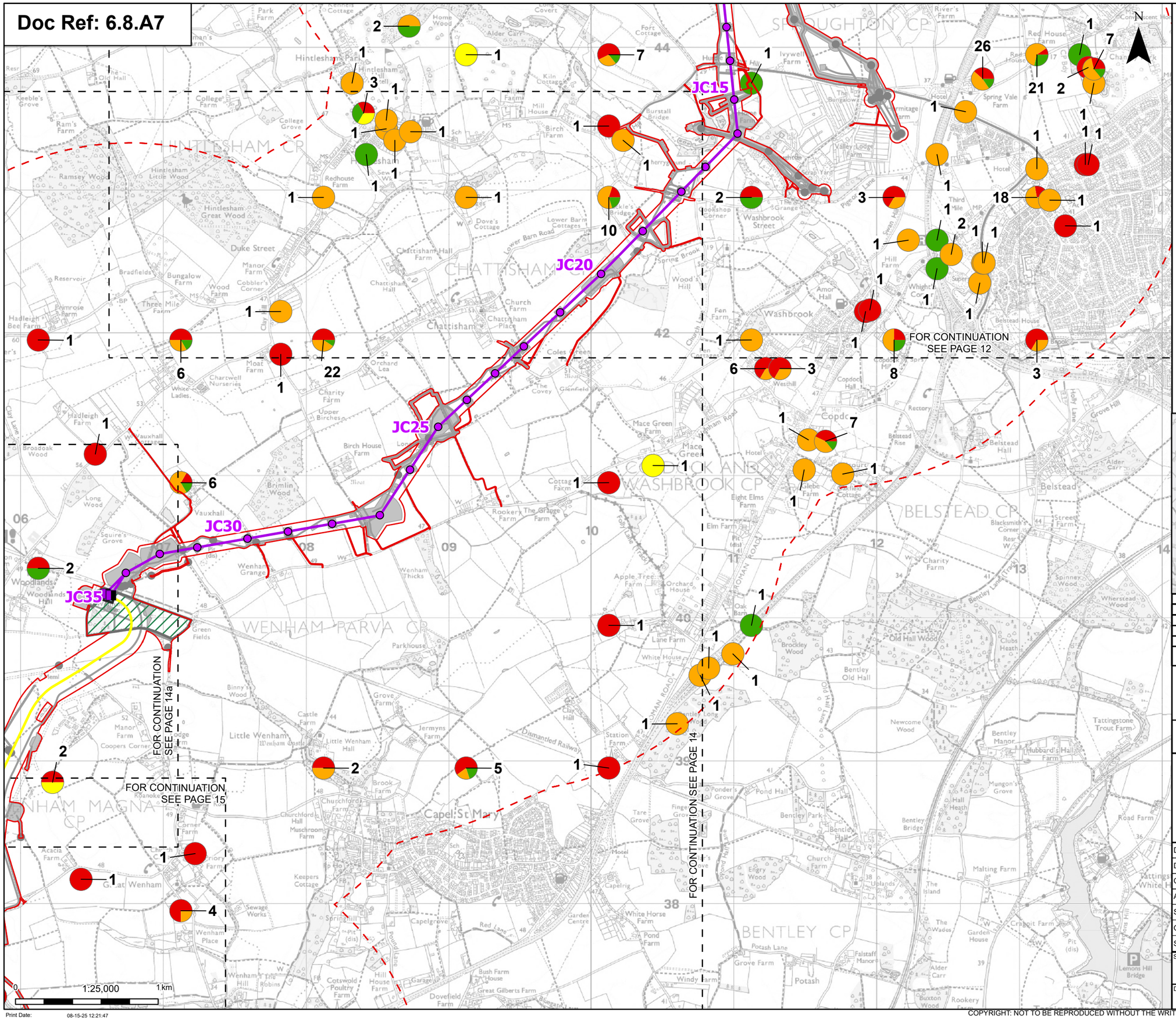
Suitability Description:
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- Order limits
- Sheet index cutline

Proposed project design details

- Proposed full line tension gantry
- Proposed standard lattice pylon location
- 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

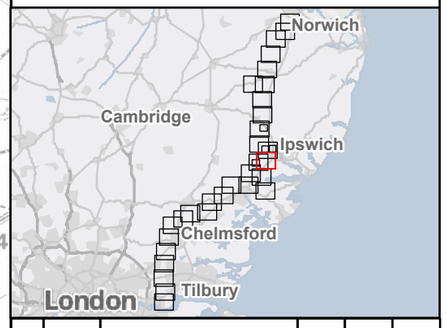
- 2 km Study Area

Conservation status of potential breeding bird species selection

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- Amber-listed
- Green-listed
- Not-listed
- 1 Number of records

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.7.3 - Ecology and Biodiversity
Distribution of Potential Breeding Bird
Desk Study Records within 2km of Order Limits
Page 13 of 31

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	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

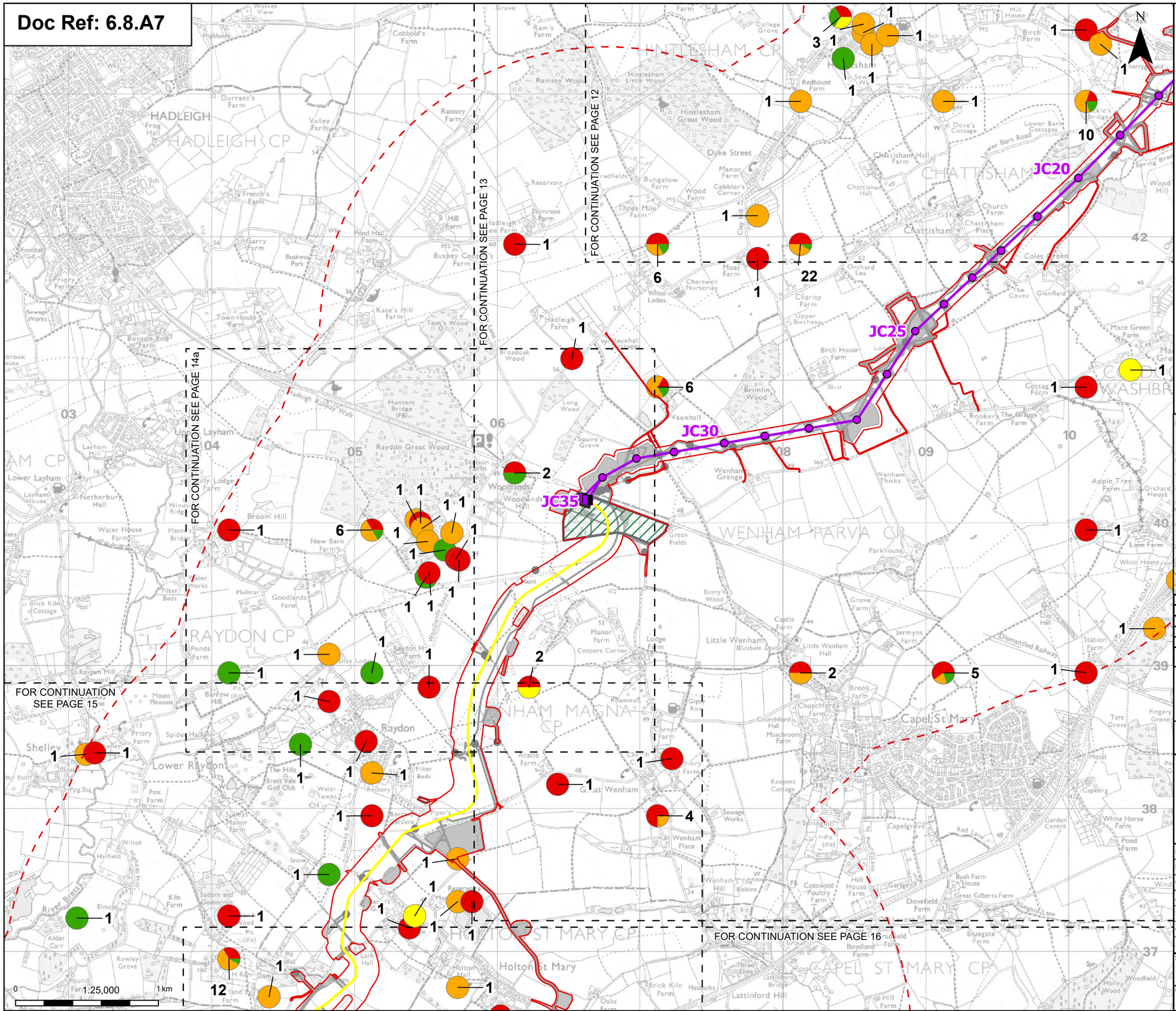
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Revision: A

Print Date: 08-15-25 12:21:47

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Order limits
Sheet index cutline

Proposed project design details

- Proposed full line tension gantry
- 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

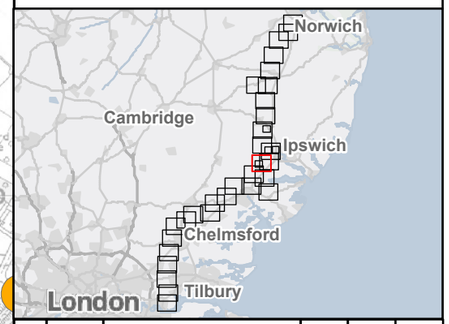
- 2 km Study Area

Conservation status of potential breeding bird species selection

- Red-listed
- Amber-listed
- Green-listed
- Not-listed
- 1 Number of records

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)

Title:

Figure A8.7.3 - Ecology and Biodiversity
Distribution of Potential Breeding Bird
Desk Study Records within 2km of Order Limits
Page 14 of 31

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:25,000	Datum:	AOD
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Suitability Code:	A2	Project Number:	10059280

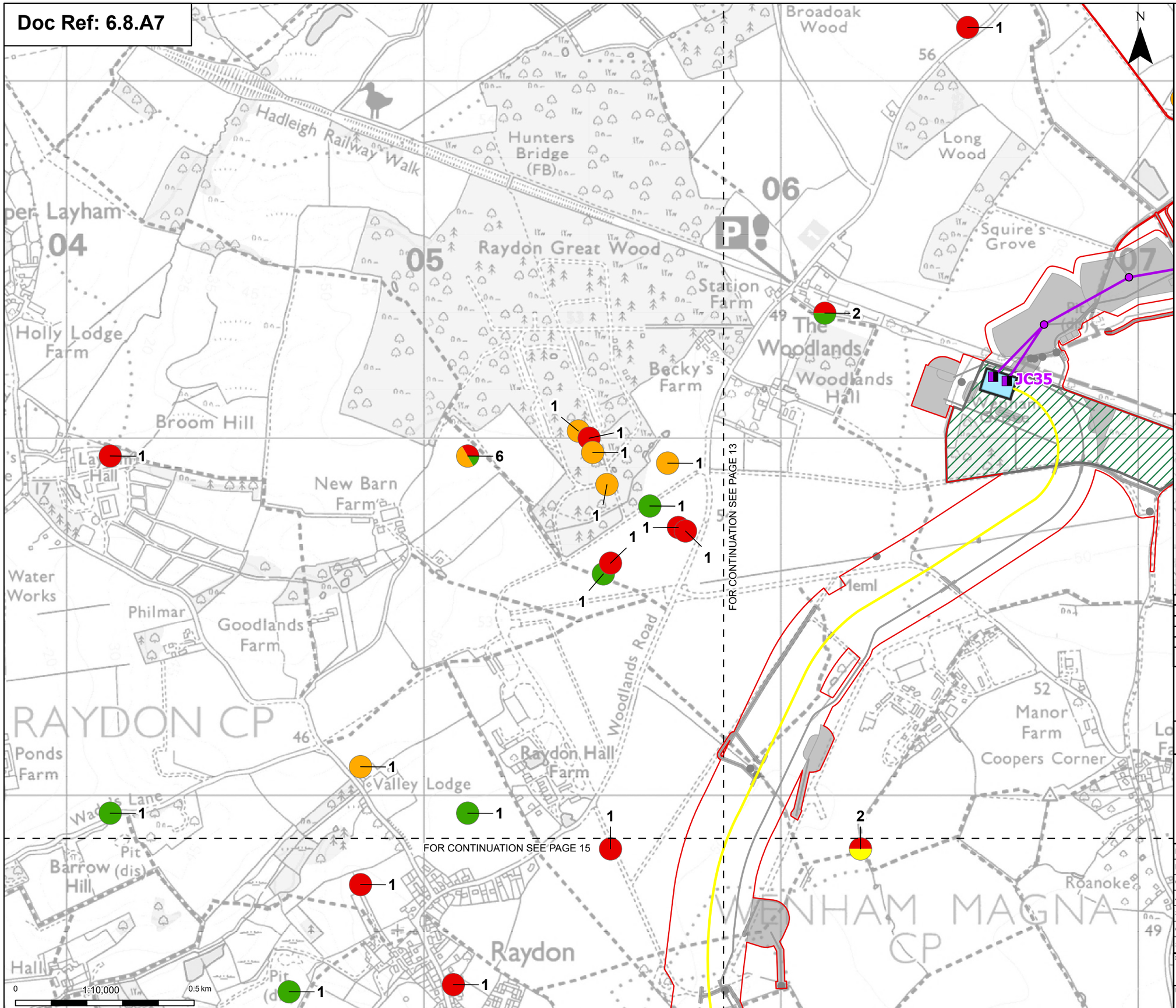
Suitability Description:
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Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00349
Revision: A

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Print Date: 08-15-25 12:21:59

N

- Order limits
- Sheet index cutline

Proposed project design details

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

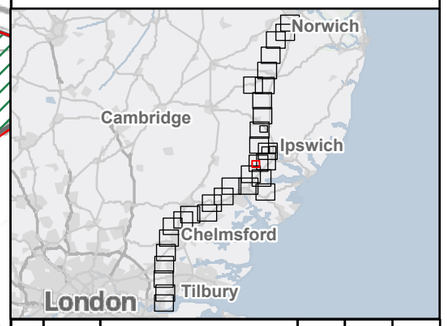
Discipline specific constraints

Conservation status of potential breeding bird species selection

- Red-listed
- Amber-listed
- Green-listed
- Not-listed
- 1 Number of records

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

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

Title:

Figure A8.7.3 - Ecology and Biodiversity
Distribution of Potential Breeding Bird
Desk Study Records within 2km of Order Limits
Page 14a of 31

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
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Suitability Code:	A2	Project Number:	10059280

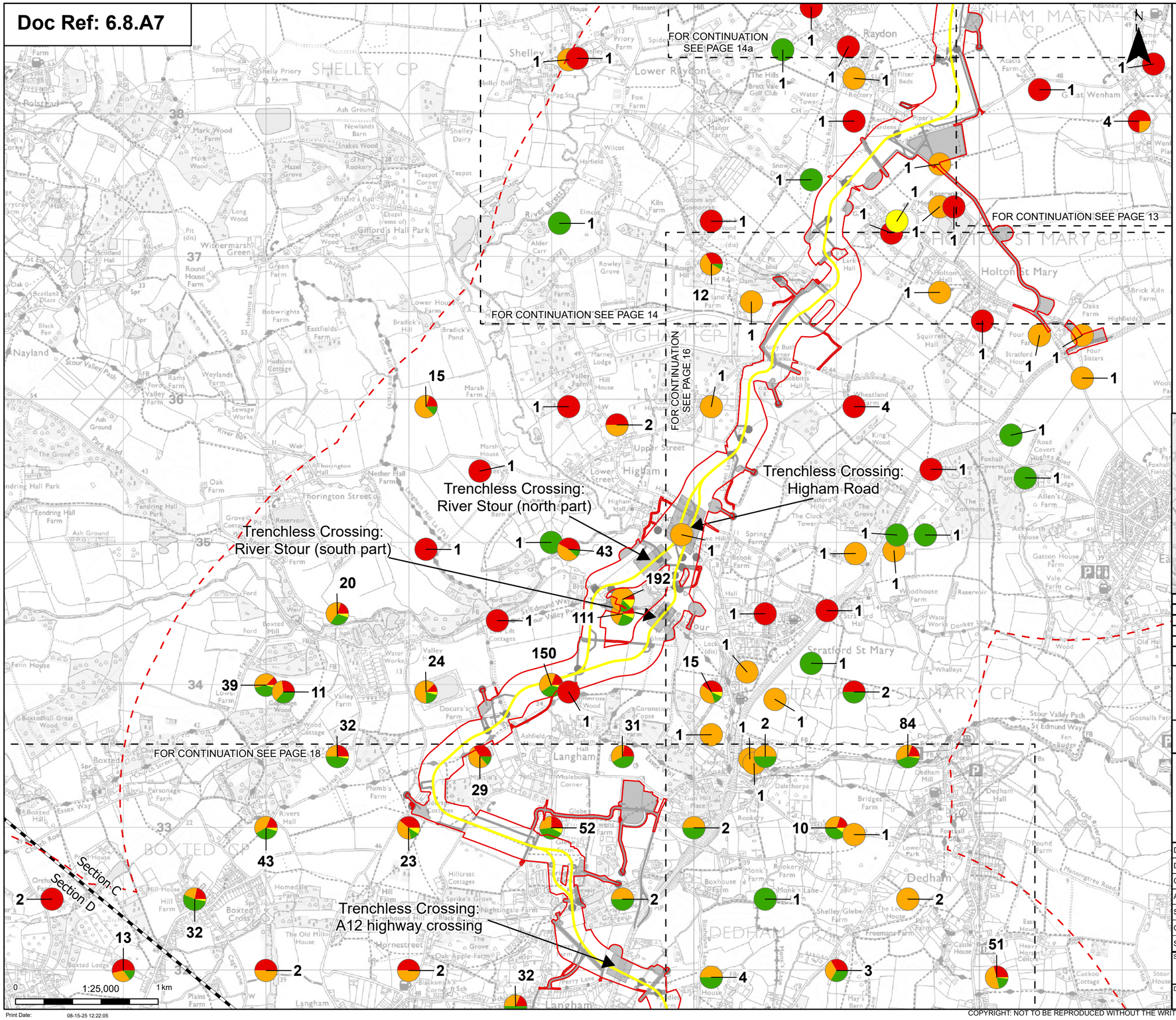
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Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00349

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Order limits
Sheet index cutline
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

Conservation status of potential breeding bird species selection

Red-listed
Amber-listed
Green-listed
Not-listed

1 Number of records

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

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

Title:

Figure A8.7.3 - Ecology and Biodiversity
Distribution of Potential Breeding Bird
Desk Study Records within 2km of Order Limits
Page 15 of 31

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	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

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Trenchless Crossing: Higham Road

FOR CONTINUATION SEE PAGE 14
FOR CONTINUATION SEE PAGE 15
FOR CONTINUATION SEE PAGE 18
FOR CONTINUATION SEE PAGE 17

0 1:25,000 1 km

Print Date: 08-15-25 12:22:11

Order limits
Sheet index cutline

Proposed project design details

Proposed standard lattice pylon location
Proposed underground cable alignment
Other temporary and permanent construction and operational works

Discipline specific constraints

2 km Study Area

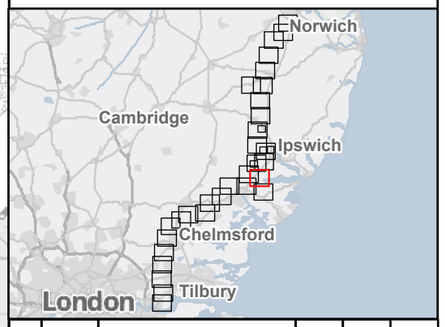
Conservation status of potential breeding bird species selection

Red-listed
Amber-listed
Green-listed
Not-listed

1 Number of records

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

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

Title:

Figure A8.7.3 - Ecology and Biodiversity
Distribution of Potential Breeding Bird
Desk Study Records within 2km of Order Limits
Page 16 of 31

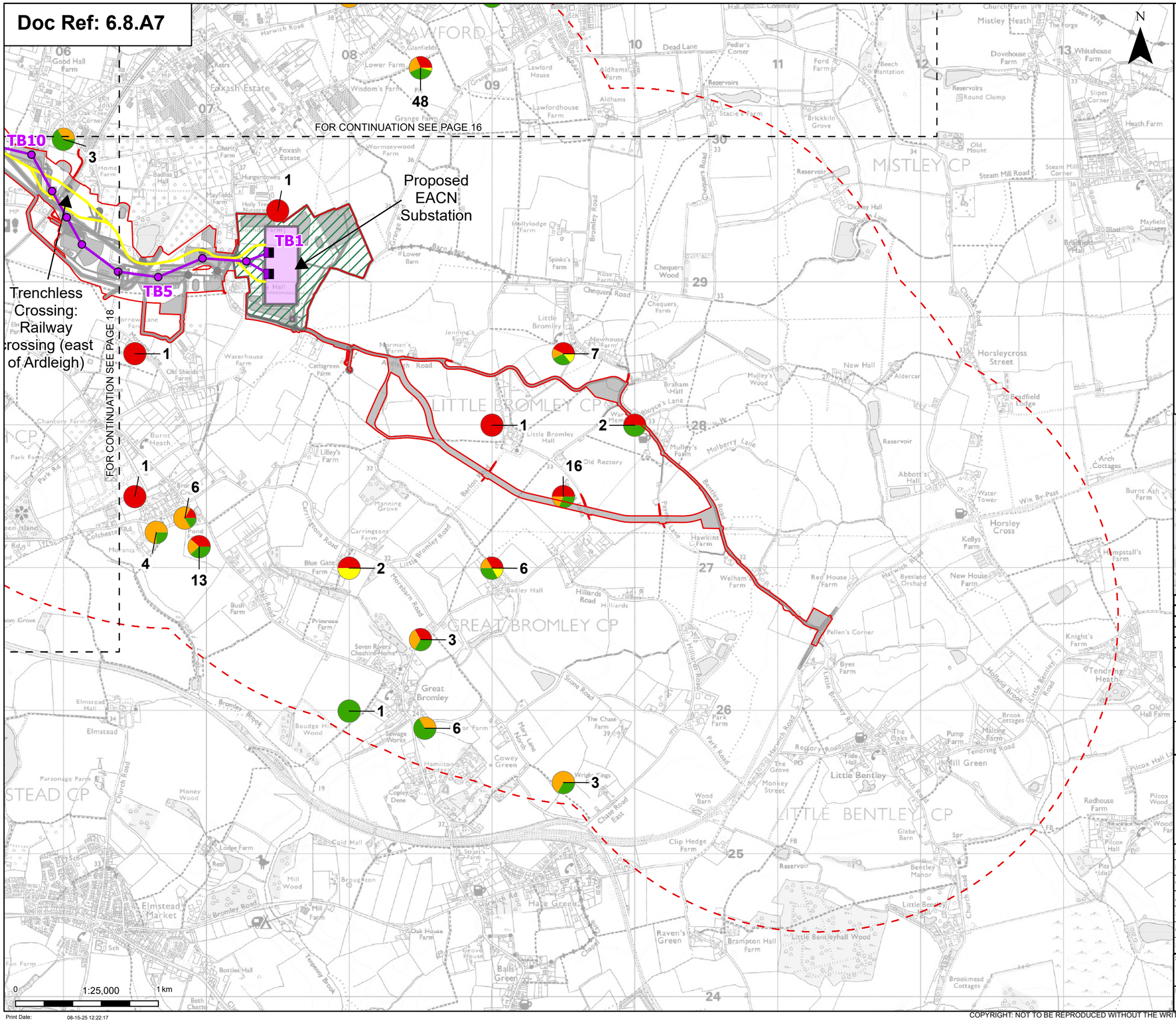
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Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
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Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00349
Revision: A

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Order limits
Sheet index cutline

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 (EACN) Substation
- Environmental area
- Other temporary and permanent construction and operational works

Discipline specific constraints

- 2 km Study Area

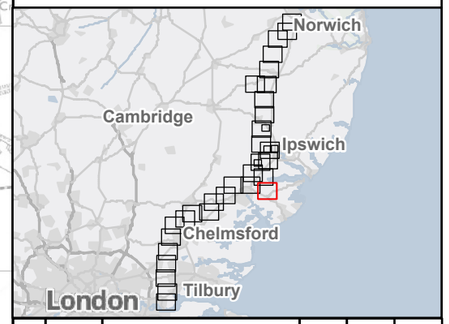
Conservation status of potential breeding bird species selection

- Red-listed
- Amber-listed
- Green-listed
- Not-listed

1 Number of records

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

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

Title:

Figure A8.7.3 - Ecology and Biodiversity
Distribution of Potential Breeding Bird
Desk Study Records within 2km of Order Limits
Page 17 of 31

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
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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Trenchless Crossing: A12 highway crossing

Section C

Section D

TB30

TB25

TB20

TB15

TB10

FOR CONTINUATION SEE PAGE 15

FOR CONTINUATION SEE PAGE 19

FOR CONTINUATION SEE PAGE 16

FOR CONTINUATION SEE PAGE 17

Trenchless Crossing: Railway crossing (east of Ardleigh)

N

0 1:25,000 1 km

Print Date: 08-15-25 12:22:25

Order limits
Sheet index cutline
Project section line

Proposed project design details

Proposed full line tension gantry
Proposed standard lattice pylon location
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

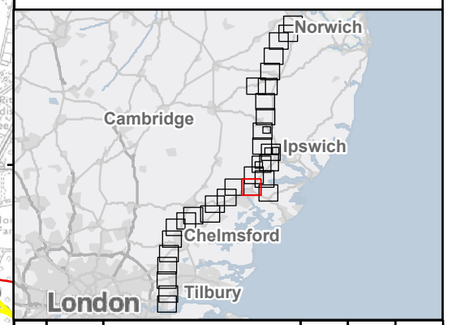
Conservation status of potential breeding bird species selection

Red-listed
Amber-listed
Green-listed
Not-listed

1 Number of records

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

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

Title:

Figure A8.7.3 - Ecology and Biodiversity
Distribution of Potential Breeding Bird
Desk Study Records within 2km of Order Limits
Page 18 of 31

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
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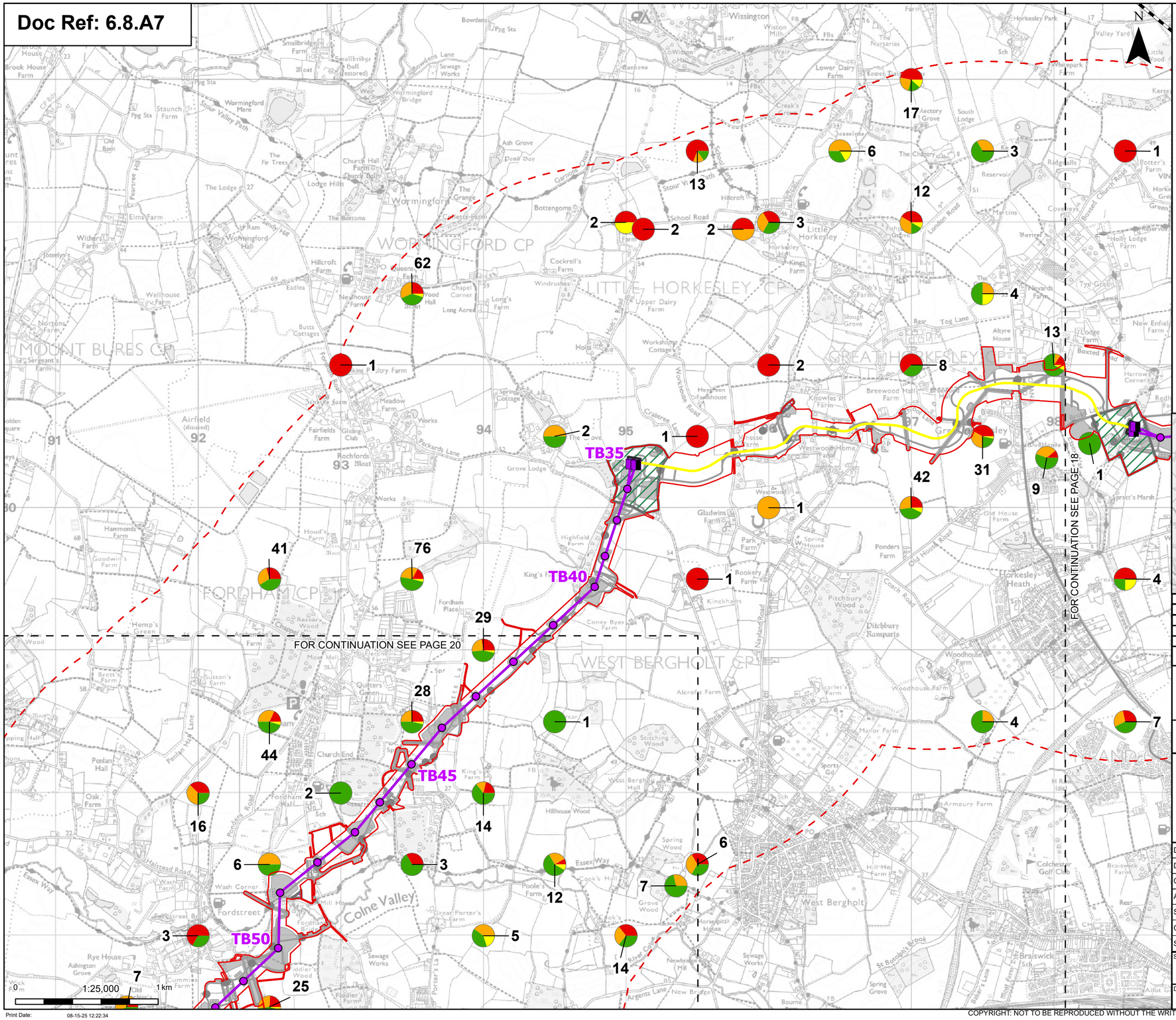
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Revision: A

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Order limits
Sheet index cutline
Project section line

Proposed project design details

- Proposed full line tension gantry
- 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

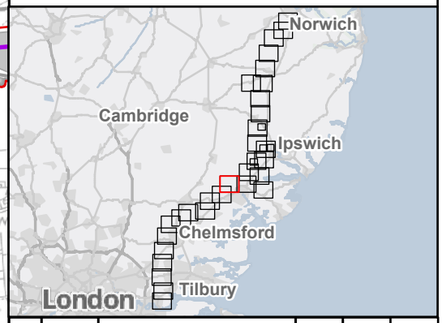
Conservation status of potential breeding bird species selection

- Red-listed
- Amber-listed
- Green-listed
- Not-listed

1 Number of records

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

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

Title:

Figure A8.7.3 - Ecology and Biodiversity
Distribution of Potential Breeding Bird
Desk Study Records within 2km of Order Limits
Page 19 of 31

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	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

Suitability Description: Accepted as Concept Stage

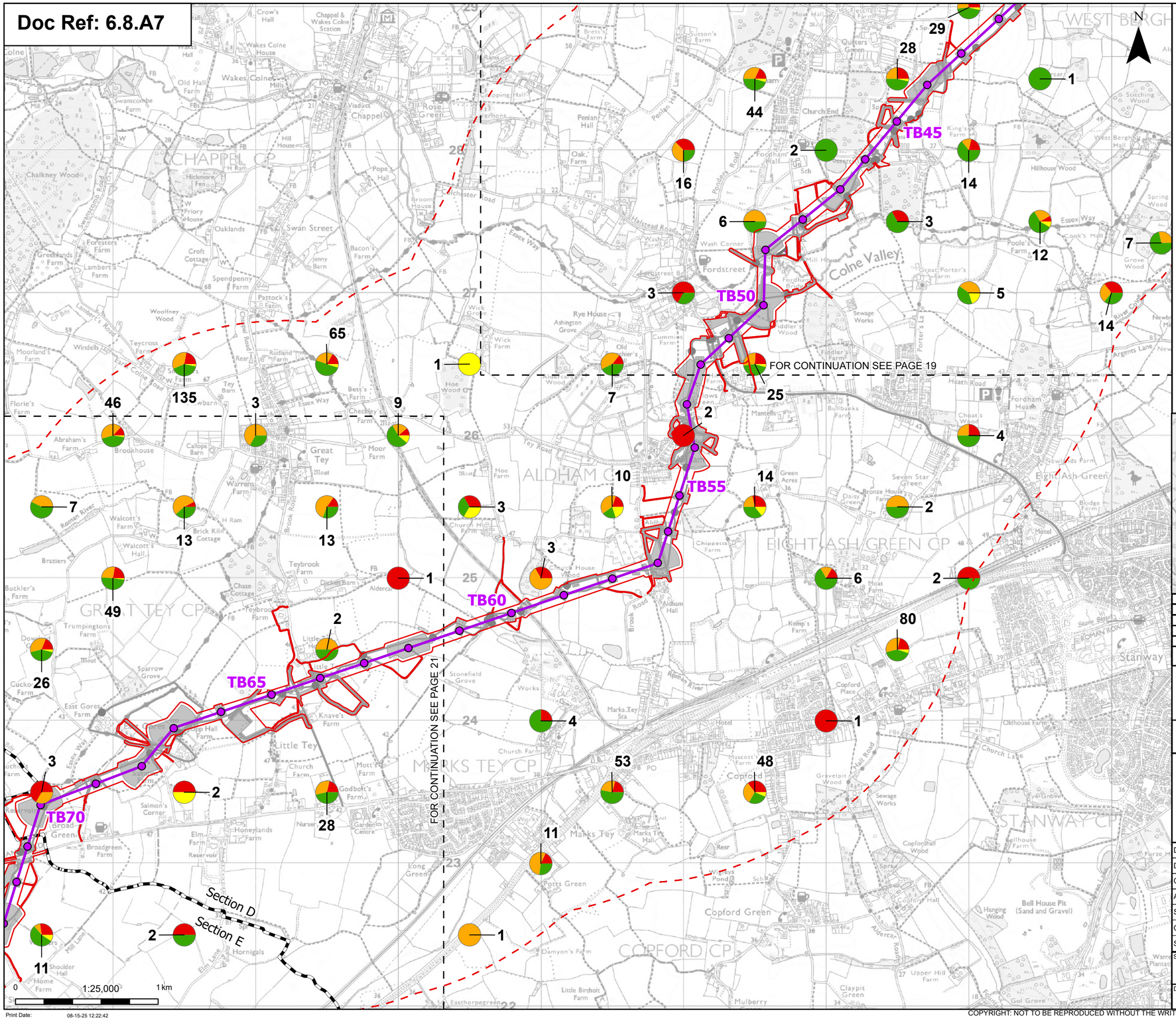
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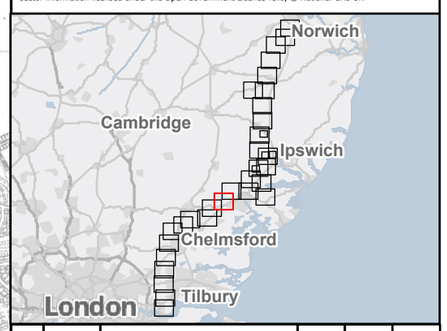
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Order limits
Sheet index cutline
Project section line

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

Conservation status of potential breeding bird species selection

Red-listed
Amber-listed
Green-listed
Not-listed
1 Number of records

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

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

Title:

Figure A8.7.3 - Ecology and Biodiversity
Distribution of Potential Breeding Bird
Desk Study Records within 2km of Order Limits
Page 20 of 31

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
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TB65 TB70 TB75 TB80 TB85 TB90

Section D Section E

FOR CONTINUATION SEE PAGE 20

FOR CONTINUATION SEE PAGE 22

COGGESHALL CP · GREAT TEY CP · FEERING CP · KELVEDON CP

0 1:25,000 1km

Print Date: 08-15-25 12:22:50

Order limits
Sheet index cutline
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

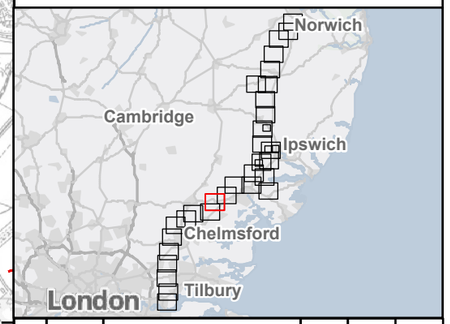
Conservation status of potential breeding bird species selection

Red-listed
Amber-listed
Green-listed
Not-listed

1 Number of records

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.7.3 - Ecology and Biodiversity
Distribution of Potential Breeding Bird
Desk Study Records within 2km of Order Limits
Page 21 of 31

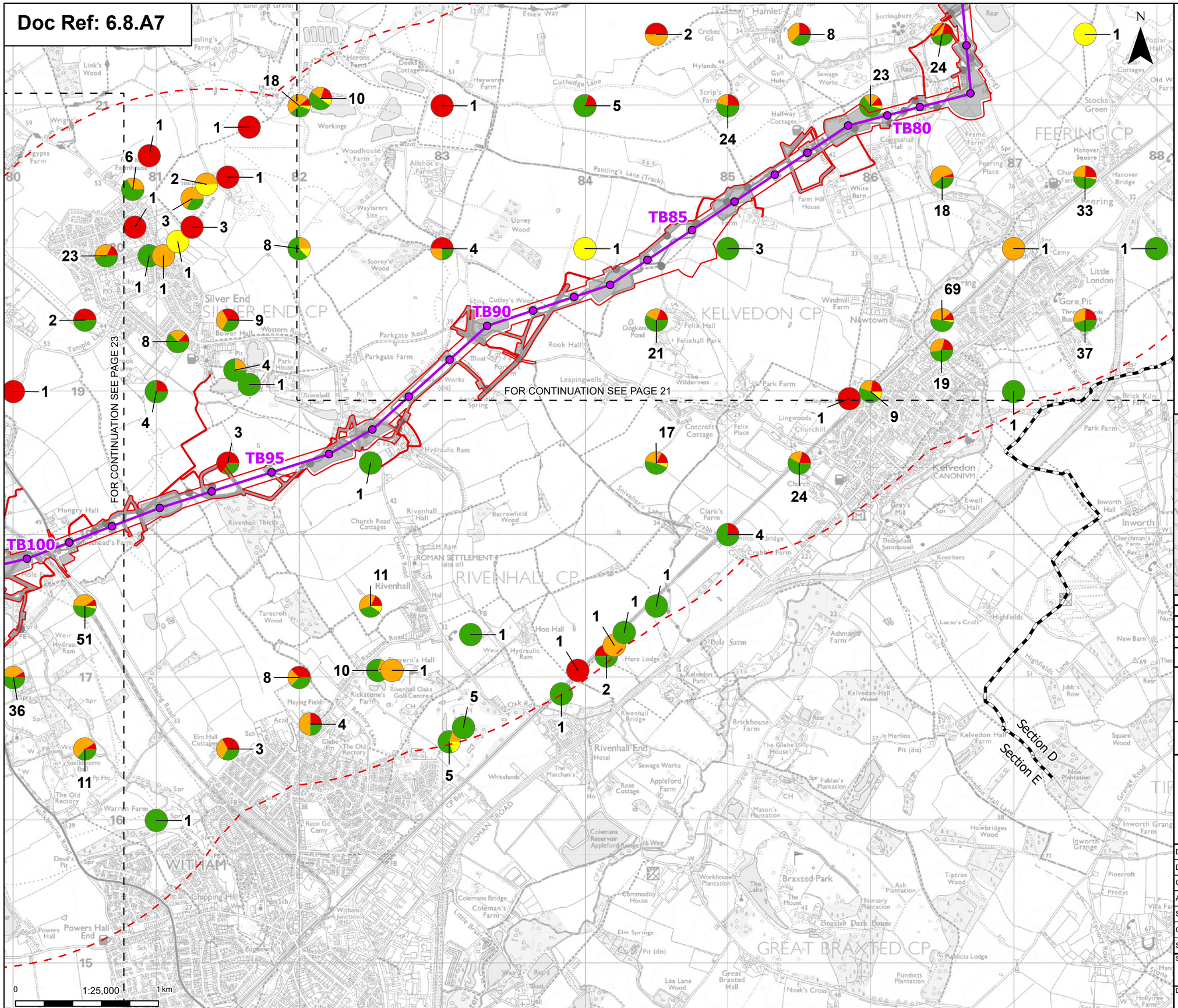
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00349
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Order limits
Sheet index cutline
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

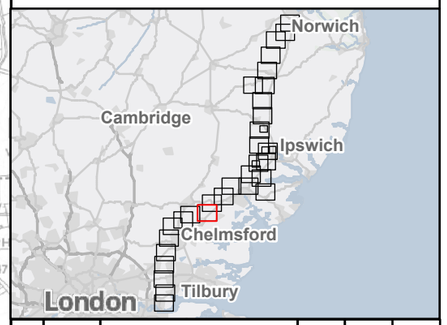
Conservation status of potential breeding bird species selection

Red-listed
Amber-listed
Green-listed
Not-listed

1 Number of records

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.7.3 - Ecology and Biodiversity
Distribution of Potential Breeding Bird
Desk Study Records within 2km of Order Limits
Page 22 of 31

Designed	R. Anderton	Date	21 Aug 25
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Approved	K. Burrows	Date	21 Aug 25
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Suitability Code:	A2	Project Number:	10059280

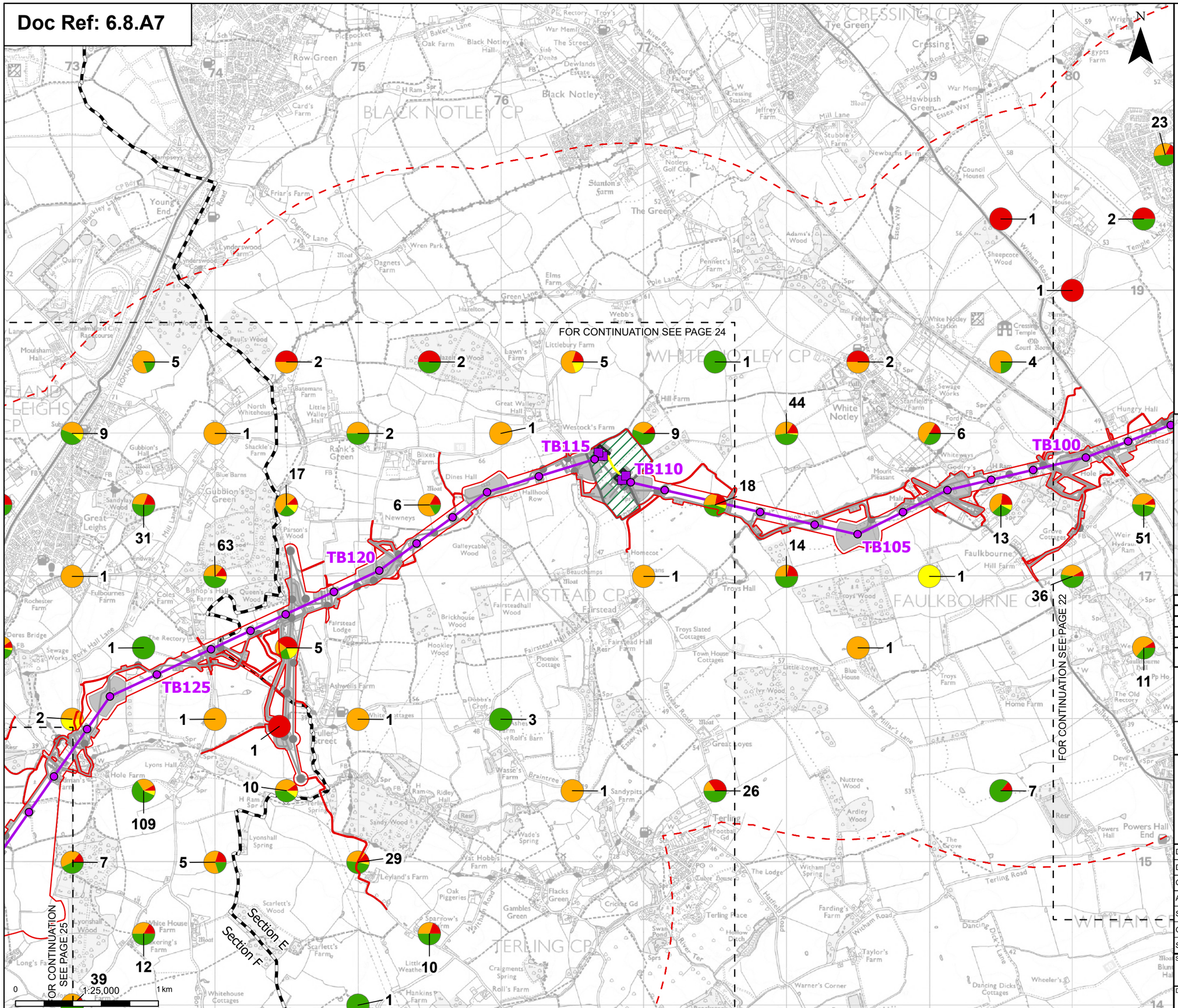
Suitability Description:
Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00349
Revision: A

Print Date: 08-15-25 12:22:58

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Order limits
Sheet index cutline
Project section line

Proposed project design details

- Proposed low duty gantry
- Proposed standard lattice pylon location
- 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

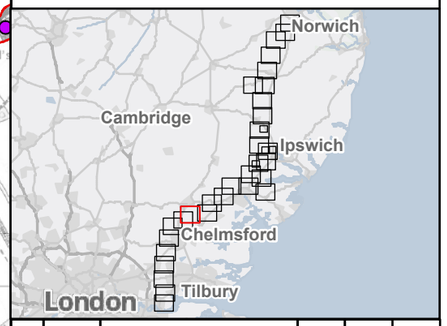
Conservation status of potential breeding bird species selection

- Red-listed
- Amber-listed
- Green-listed
- Not-listed

1 Number of records

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

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

Title:

Figure A8.7.3 - Ecology and Biodiversity
Distribution of Potential Breeding Bird
Desk Study Records within 2km of Order Limits
Page 23 of 31

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:25,000	Datum:	AOD
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Suitability Code:	A2	Project Number:	10059280

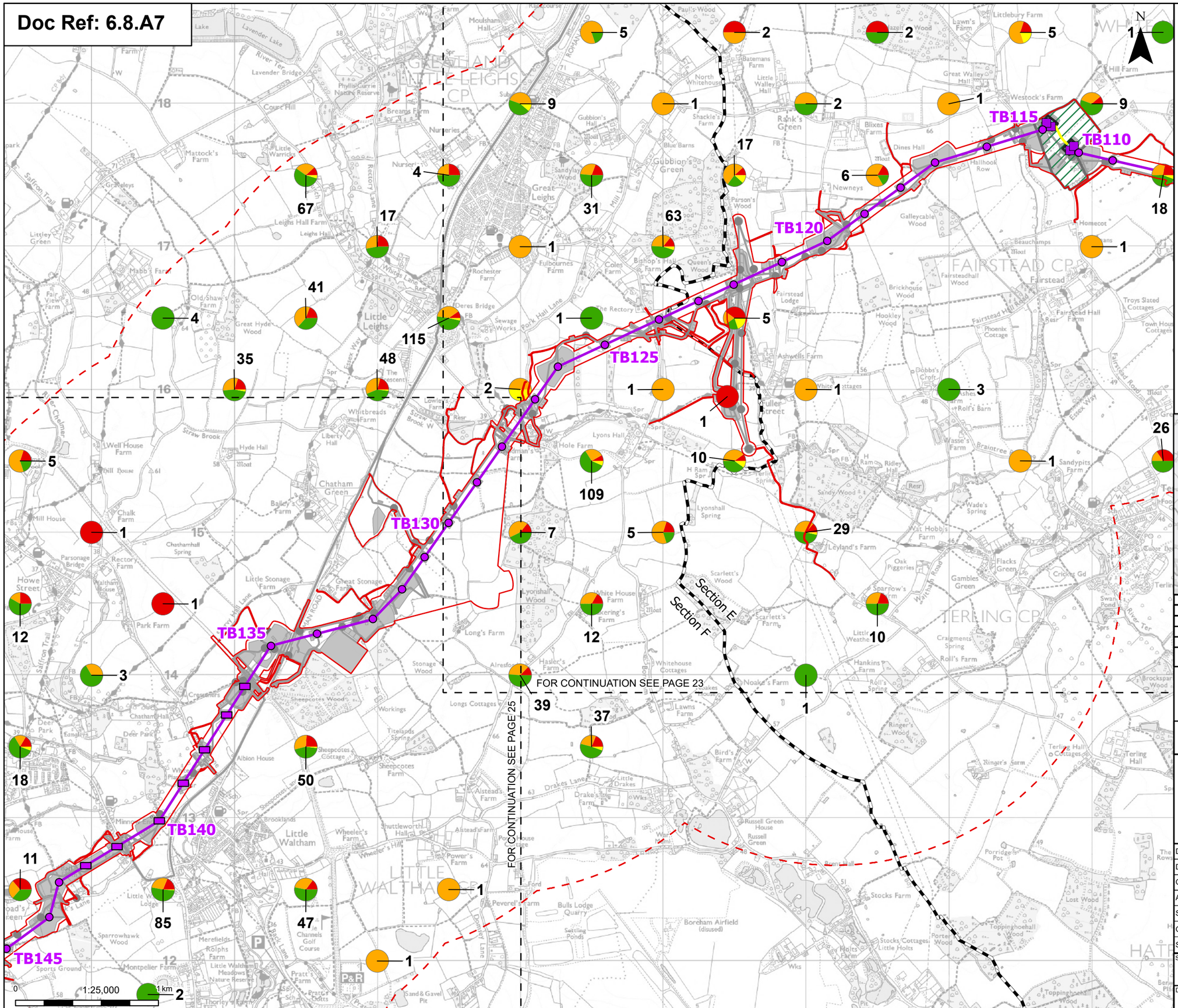
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Accepted as Concept Stage

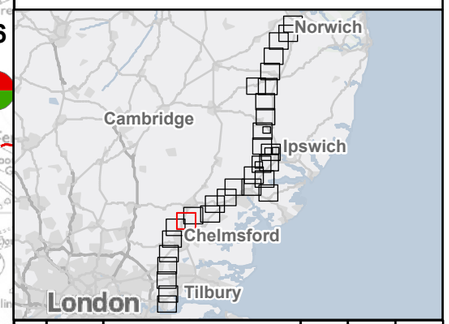
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Revision: A

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Order limits
Sheet index cutline
Project section line

Proposed project design details

- Proposed low duty gantry
- Proposed low height pylon location
- 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

Conservation status of potential breeding bird species selection

- Red-listed
- Amber-listed
- Green-listed
- Not-listed

1 Number of records

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 2025	FOR DCO APPLICATION	MP	AF	KB

PROJECT: Norwich to Tilbury

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

Title:

Figure A8.7.3 - Ecology and Biodiversity
Distribution of Potential Breeding Bird
Desk Study Records within 2km of Order Limits
Page 24 of 31

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:25,000	Datum:	AOD
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Suitability Description: Accepted as Concept Stage

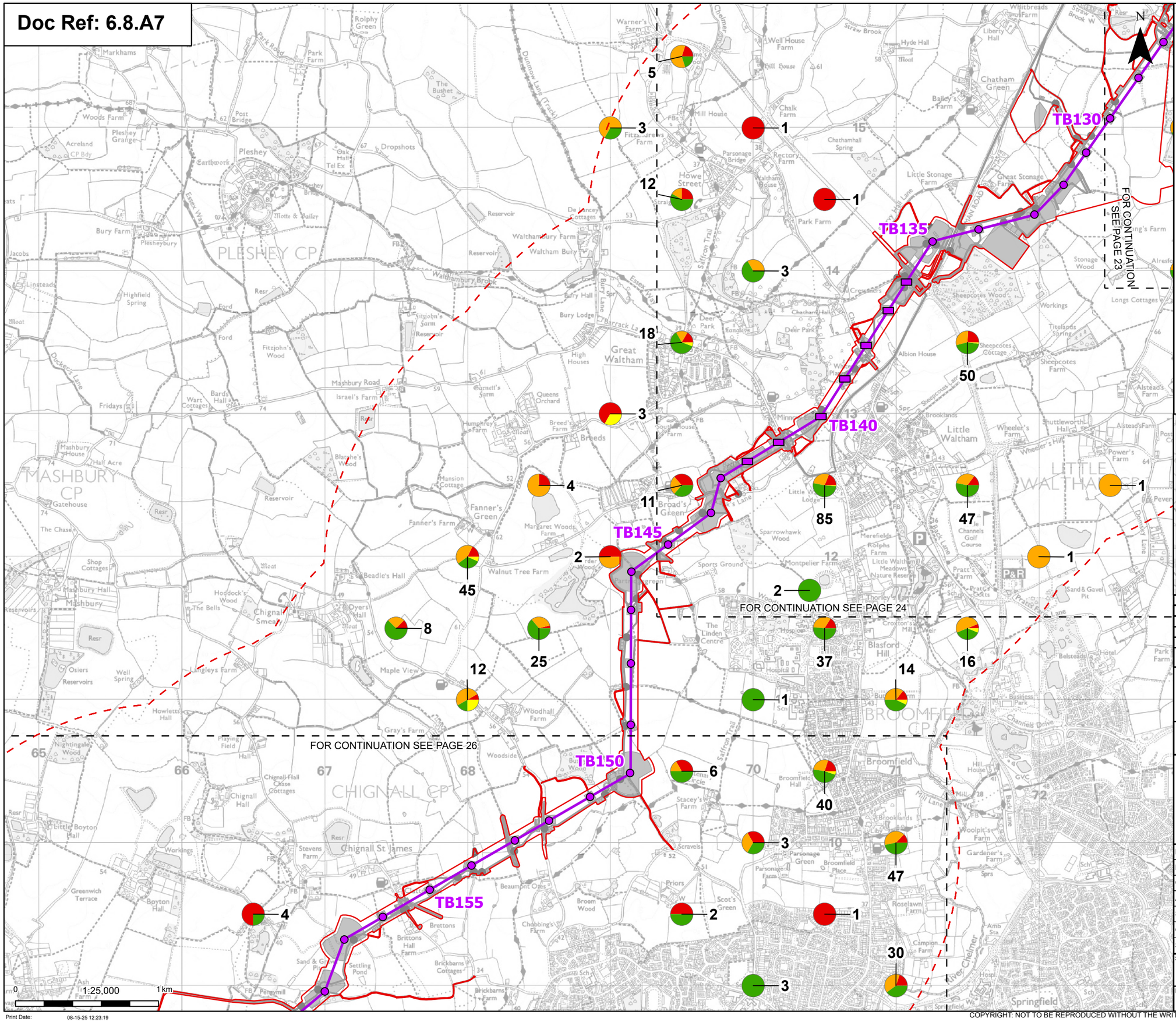
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Revision: A

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Order limits

Sheet index cutline

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

Conservation status of potential breeding bird species selection

Red-listed

Amber-listed

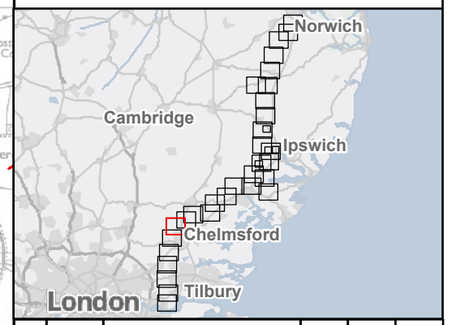
Green-listed

Not-listed

1 Number of records

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

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

Title:

Figure A8.7.3 - Ecology and Biodiversity
Distribution of Potential Breeding Bird
Desk Study Records within 2km of Order Limits
Page 25 of 31

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:25,000	Datum:	AOD
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:

Accepted as Concept Stage

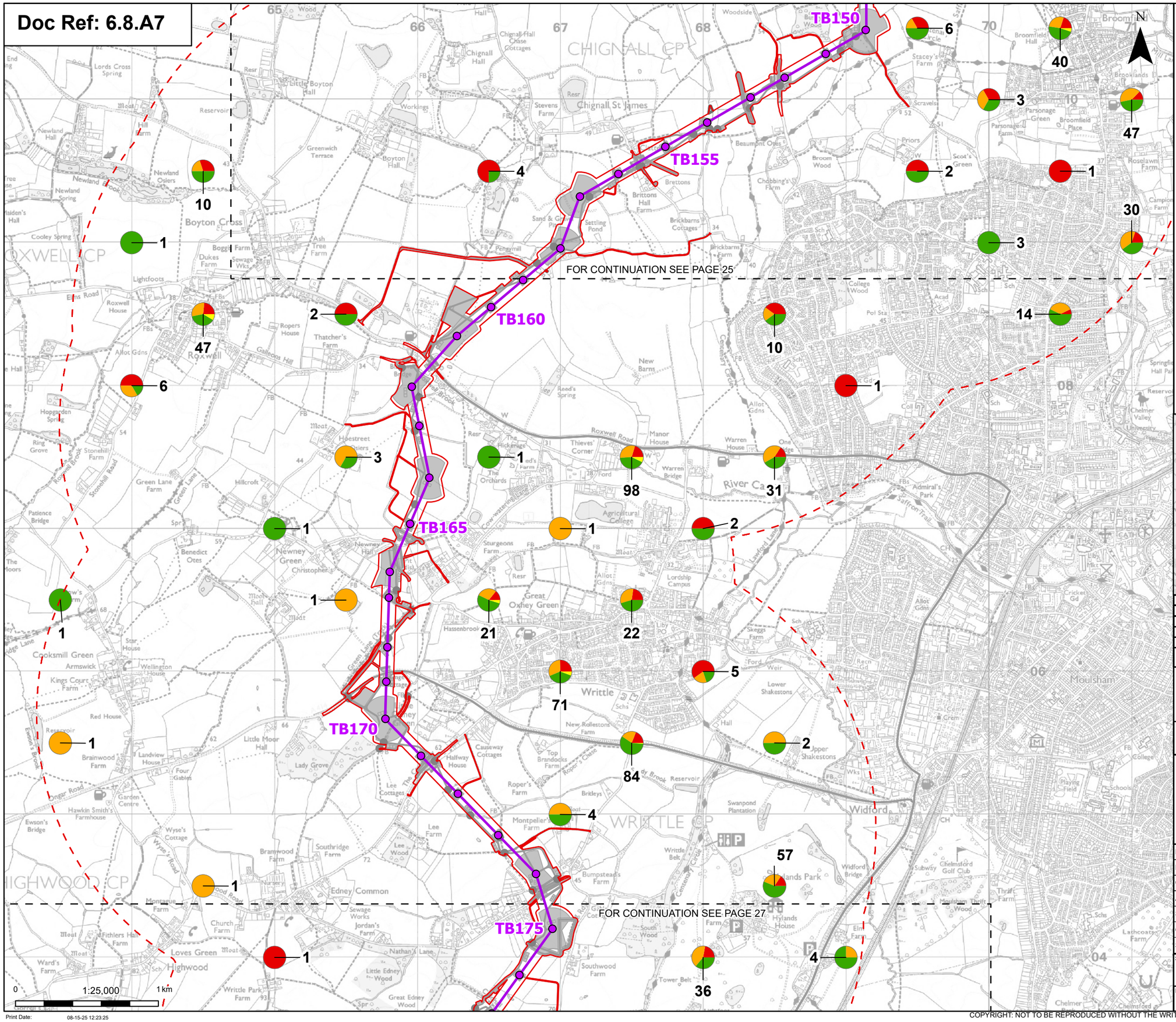
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Doc Ref: 6.8.A7



Order limits
Sheet index cutline

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

Conservation status of potential breeding bird species selection

Red-listed
Amber-listed
Green-listed
Not-listed

1 Number of records

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

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

Title:

Figure A8.7.3 - Ecology and Biodiversity
Distribution of Potential Breeding Bird
Desk Study Records within 2km of Order Limits
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Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:25,000	Datum:	AOD
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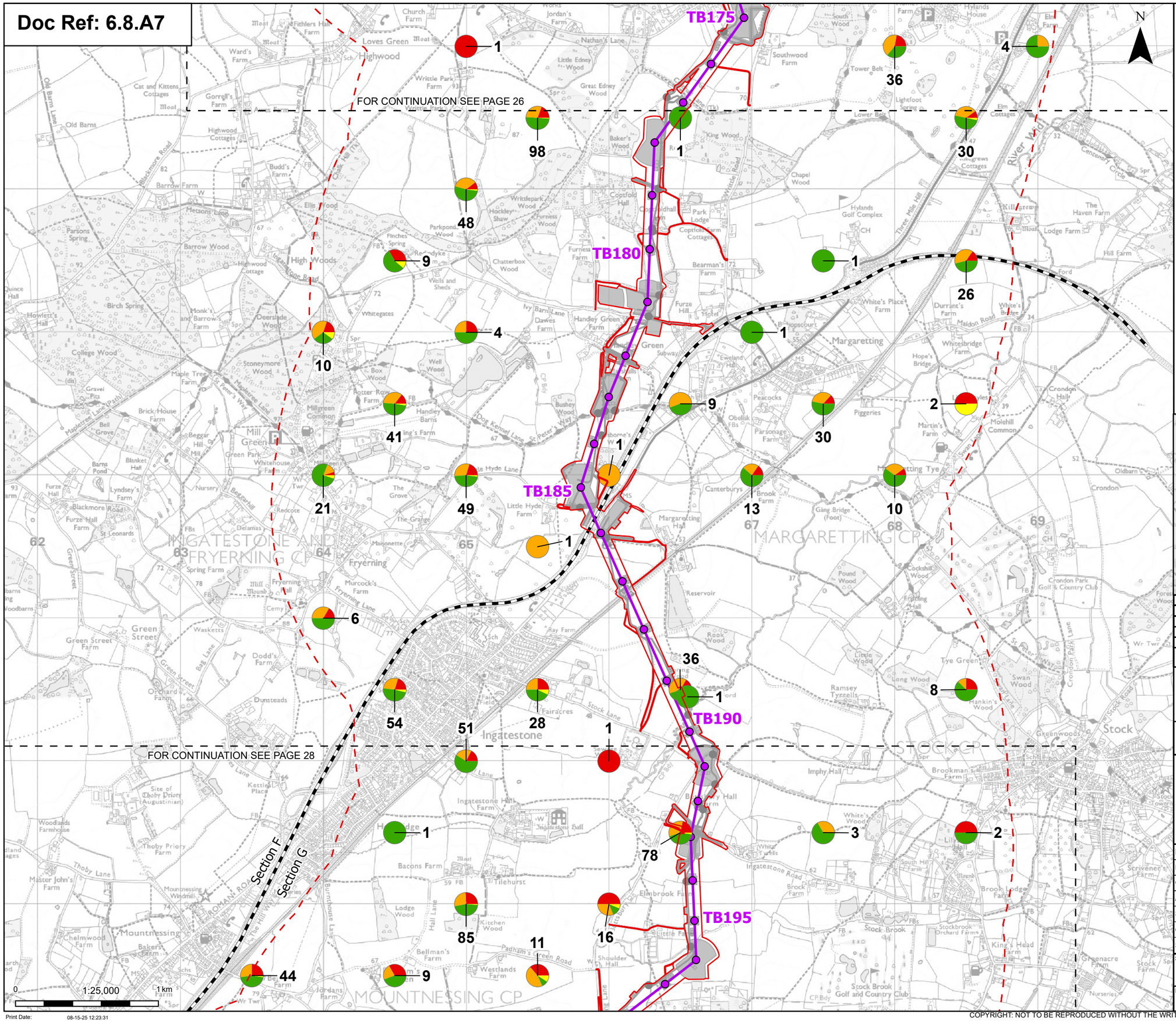
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Revision: A

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Doc Ref: 6.8.A7



Order limits
Sheet index cutline
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

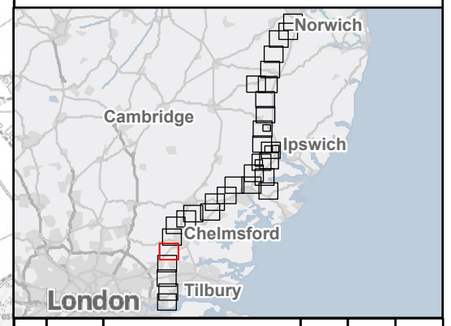
Conservation status of potential breeding bird species selection

Red-listed
Amber-listed
Green-listed
Not-listed

1 Number of records

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

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

Title:

Figure A8.7.3 - Ecology and Biodiversity
Distribution of Potential Breeding Bird
Desk Study Records within 2km of Order Limits
Page 27 of 31

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Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
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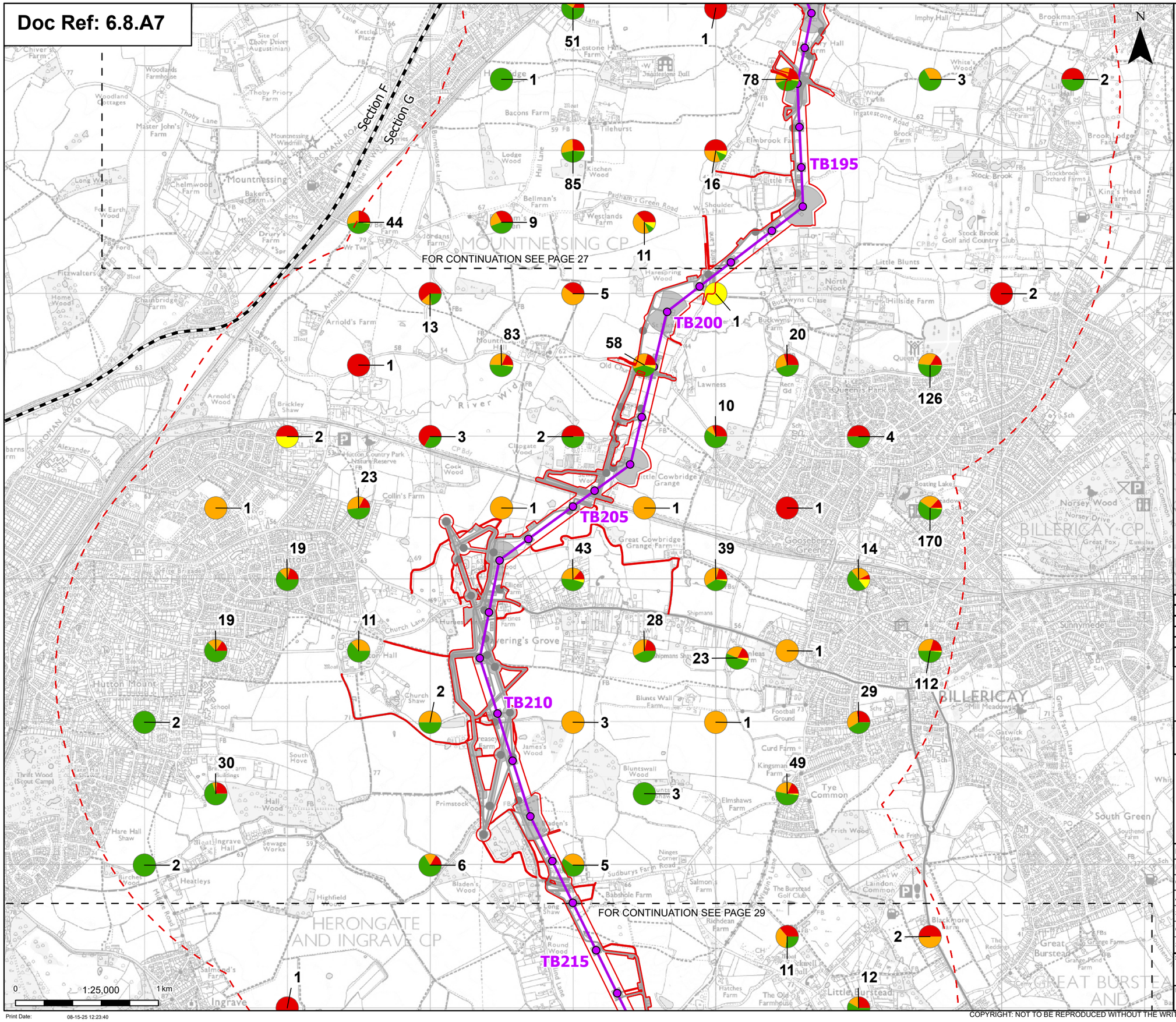
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Order limits
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Project section line

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

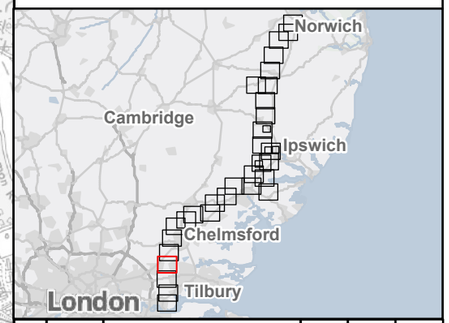
2 km Study Area

Conservation status of potential breeding bird species selection

Red-listed
Amber-listed
Green-listed
Not-listed
1 Number of records

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

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

Title:

Figure A8.7.3 - Ecology and Biodiversity
Distribution of Potential Breeding Bird
Desk Study Records within 2km of Order Limits
Page 28 of 31

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
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Suitability Code:	A2	Project Number:	10059280

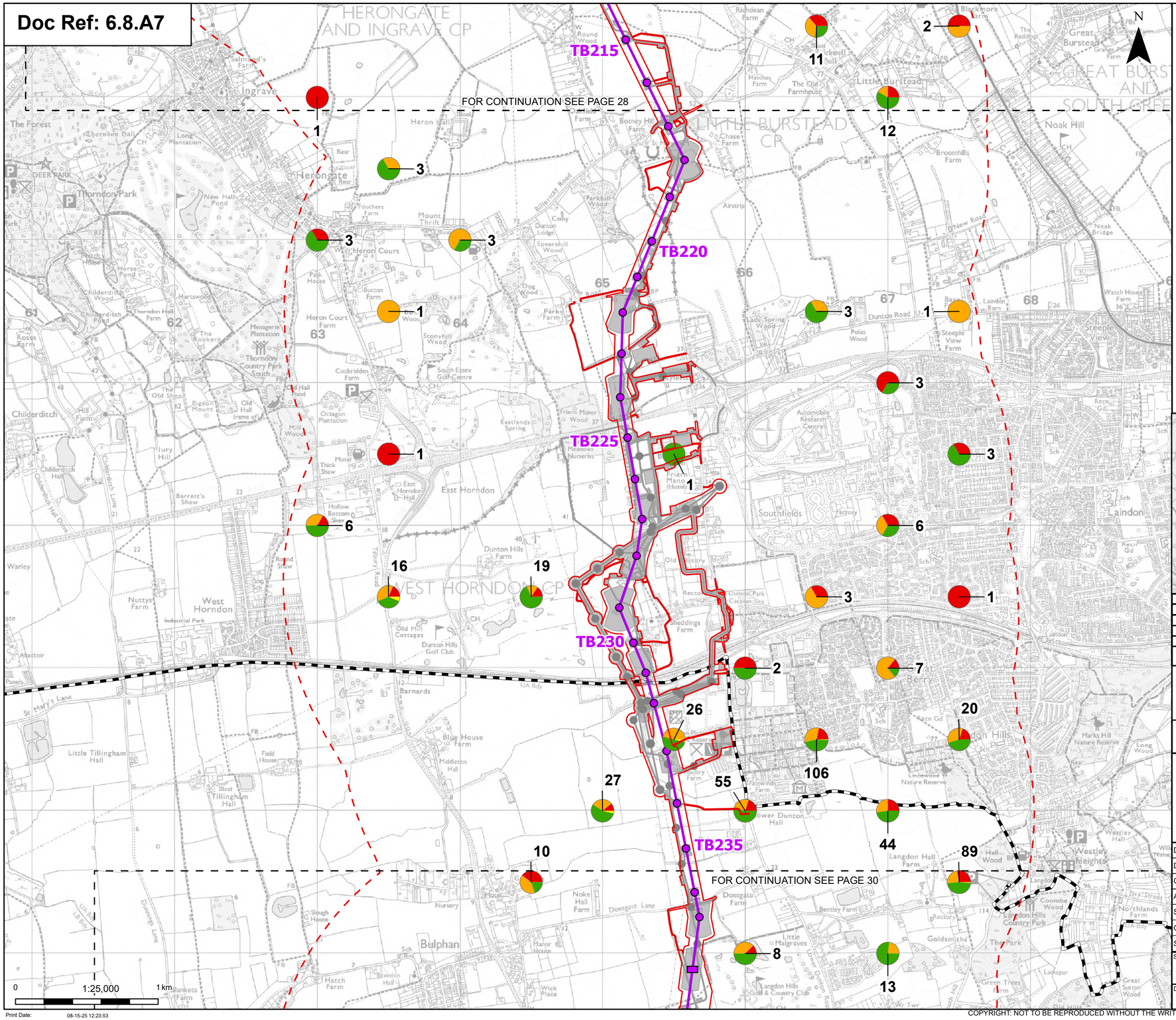
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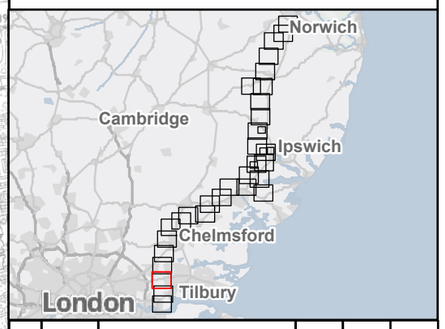
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Revision: A

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Order limits
Sheet index cutline
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

Conservation status of potential breeding bird species selection

Red-listed
Amber-listed
Green-listed
Not-listed

1 Number of records

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 2025	FOR DCO APPLICATION	MP	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.7.3 - Ecology and Biodiversity
Distribution of Potential Breeding Bird
Desk Study Records within 2km of Order Limits
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Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
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Suitability Code:	A2	Project Number:	10059280

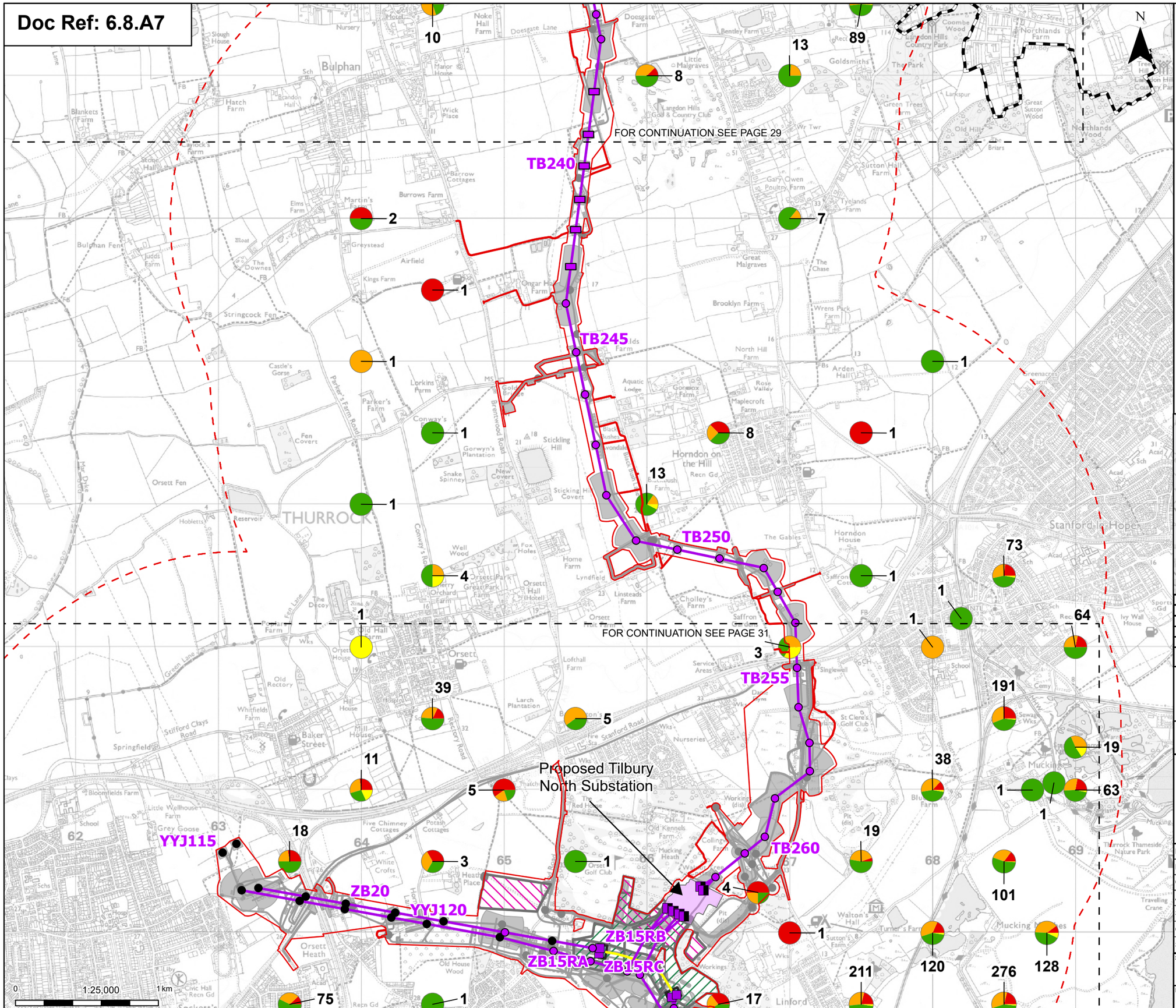
Suitability Description:
Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00349
Revision: A

Print Date: 08-15-25 12:23:53

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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 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

Conservation status of potential breeding bird species selection

Red-listed
Amber-listed
Green-listed
Not-listed
1 Number of records

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 2025	FOR DCO APPLICATION	MP	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.7.3 - Ecology and Biodiversity
Distribution of Potential Breeding Bird
Desk Study Records within 2km of Order Limits
Page 30 of 31

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
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Suitability Code:	A2	Project Number:	10059280

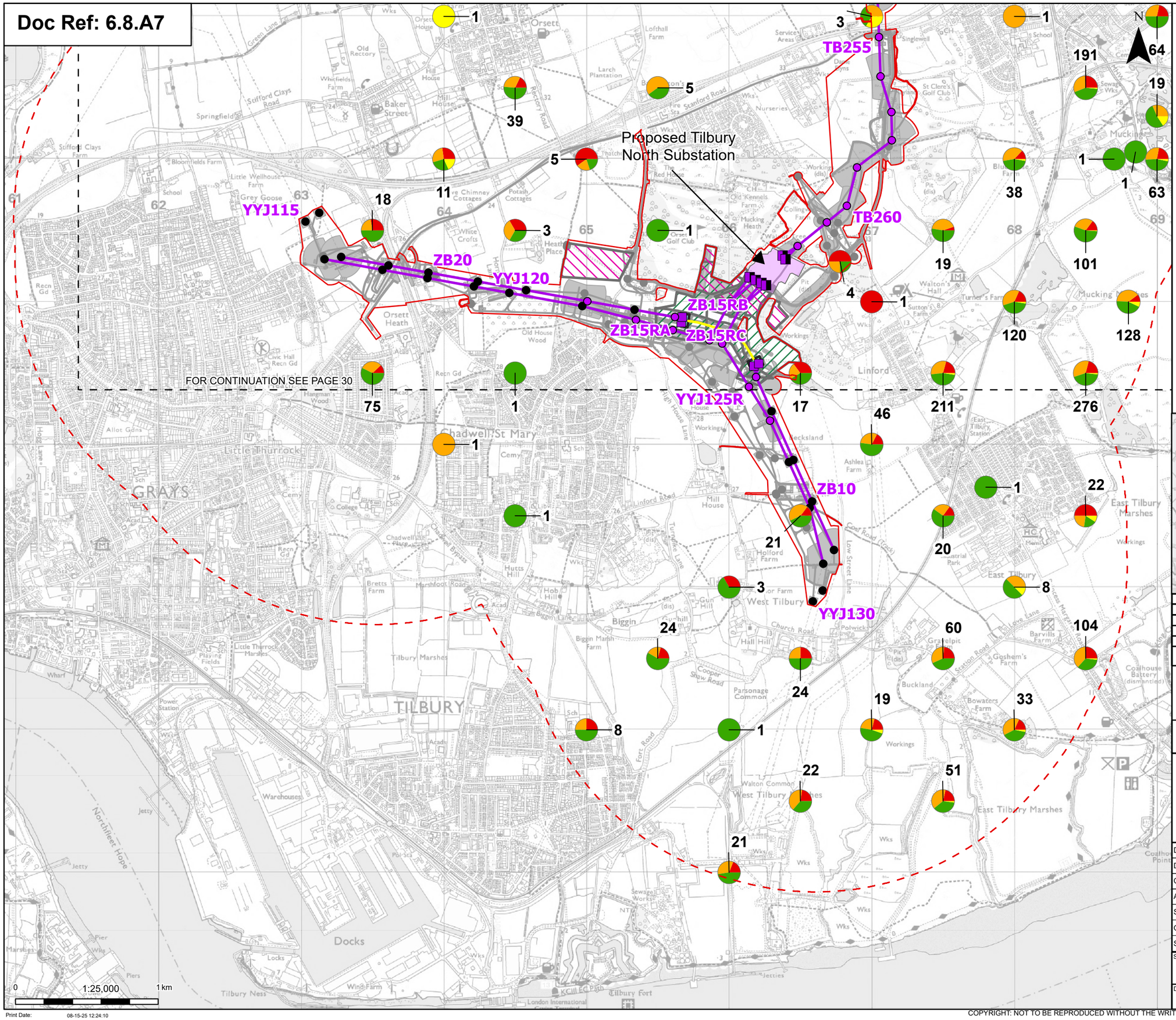
Suitability Description:
Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00349
Revision: A

Print Date: 08-15-25 12:24:02

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Doc Ref: 6.8.A7



Order limits
Sheet index cutline

Proposed project design details

- Proposed full line tension gantry
- Proposed low duty gantry
- 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

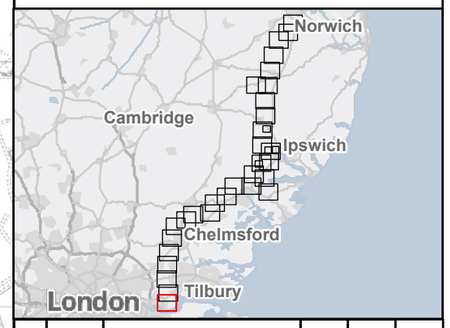
- 2 km Study Area

Conservation status of potential breeding bird species selection

- Red-listed
- Amber-listed
- Green-listed
- Not-listed
- 1 Number of records

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

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

Title:

Figure A8.7.3 - Ecology and Biodiversity
Distribution of Potential Breeding Bird
Desk Study Records within 2km of Order Limits
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Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	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

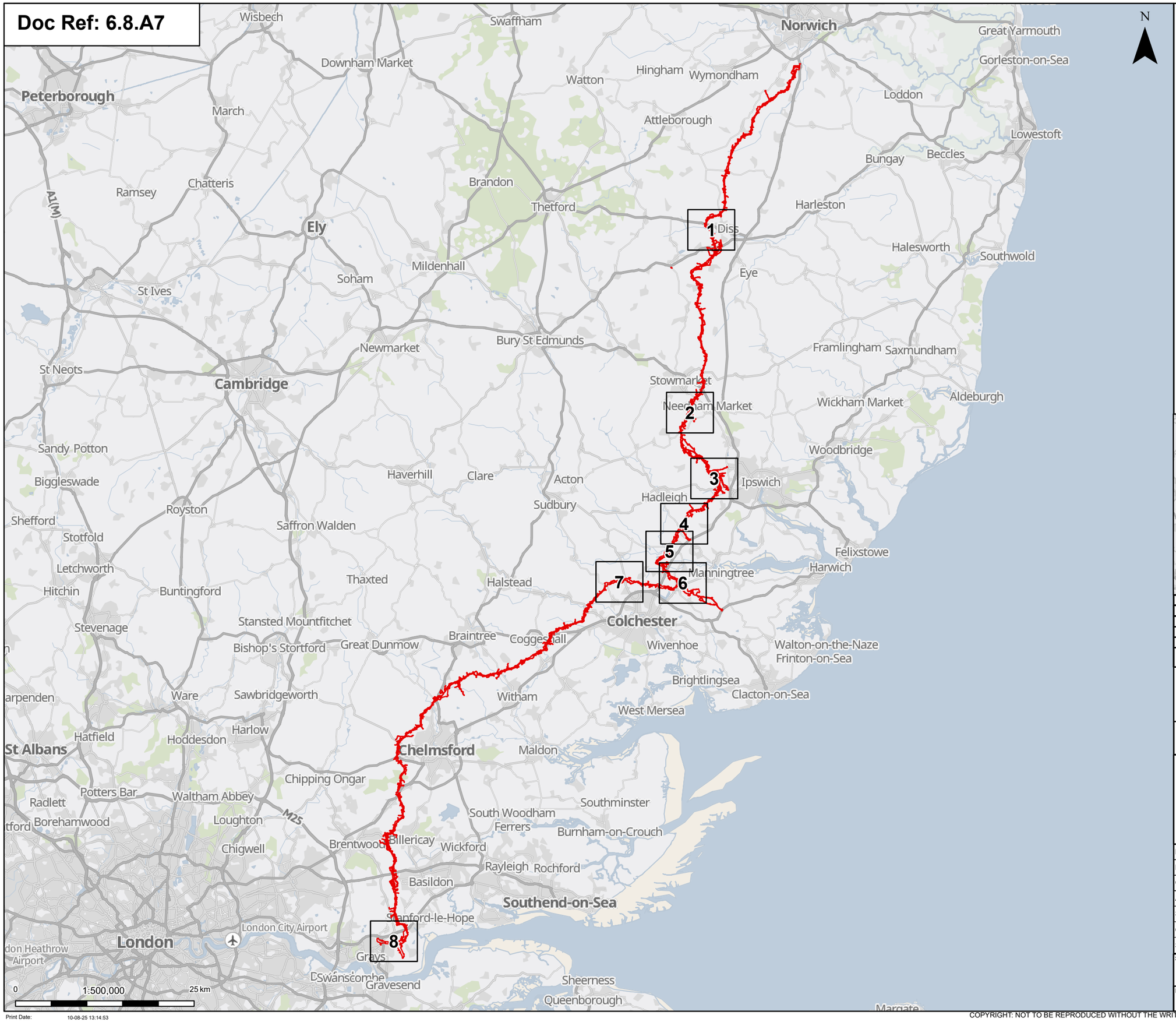
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Revision: A

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Figure A8.7.4 Corn Bunting/Cuckoo/House Martin/Lapwing/Lesser Spotted Woodpecker/Marsh Tit/Nightingale/Swift Territory Map (Rev B)

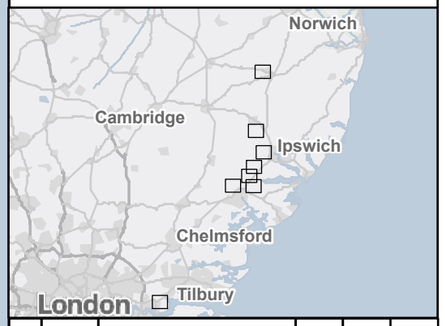
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A	Aug 2025	FOR DCO APPLICATION	MP	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.7.4 - Ecology and Biodiversity Corn Bunting/Cuckoo/House Martin/ Lapwing/Lesser Spotted Woodpecker/Marsh Tit/ Nightingale/Swift Territory Map Overview

Designed	R. Anderton	Date	October 25
Drawn	K. Fischer	Date	October 25
Checked	A. Fell	Date	October 25
Approved	K. Burrows	Date	October 25
Scale:	1:500,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:

Accepted as Concept Stage

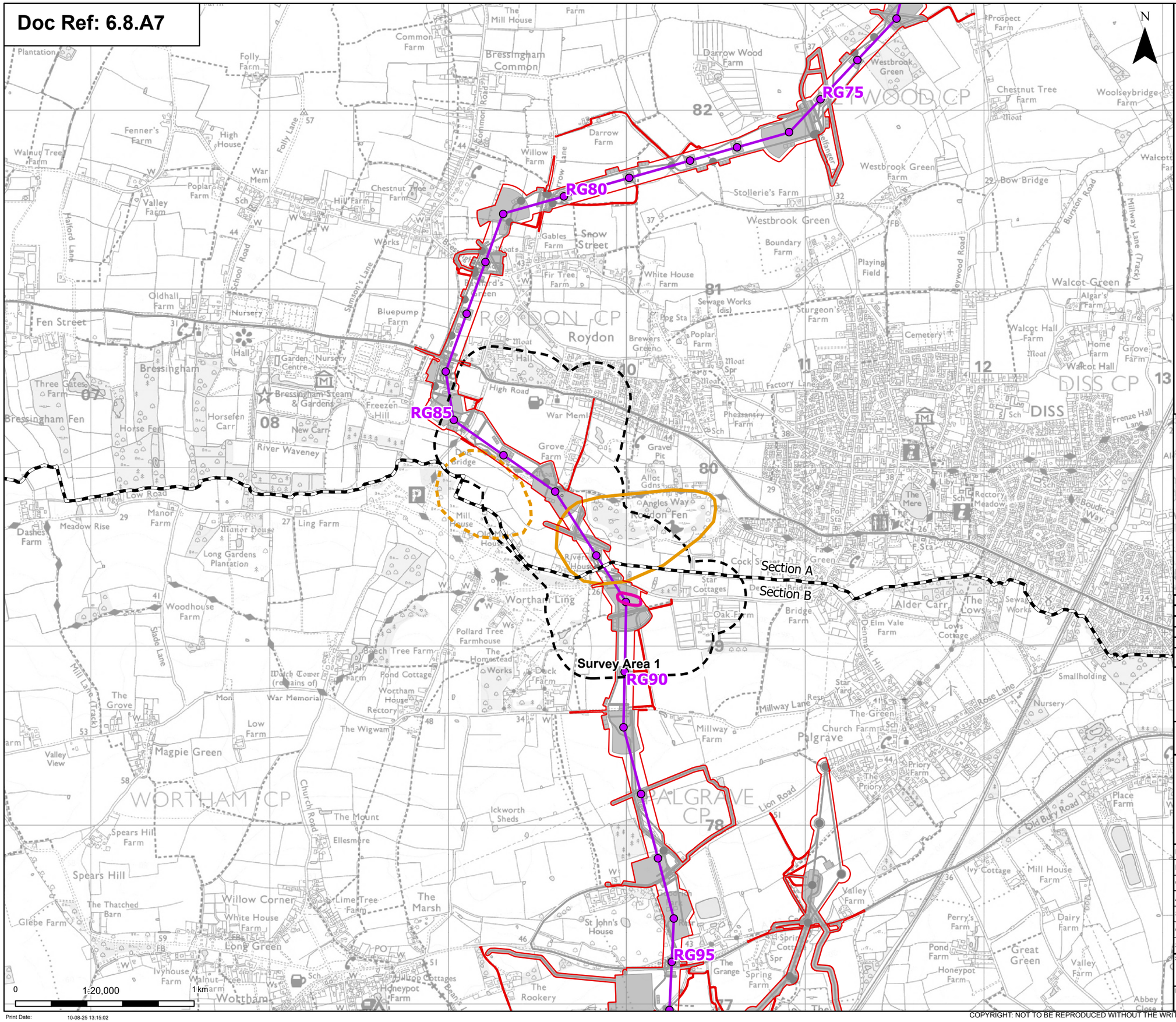
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Revision: B

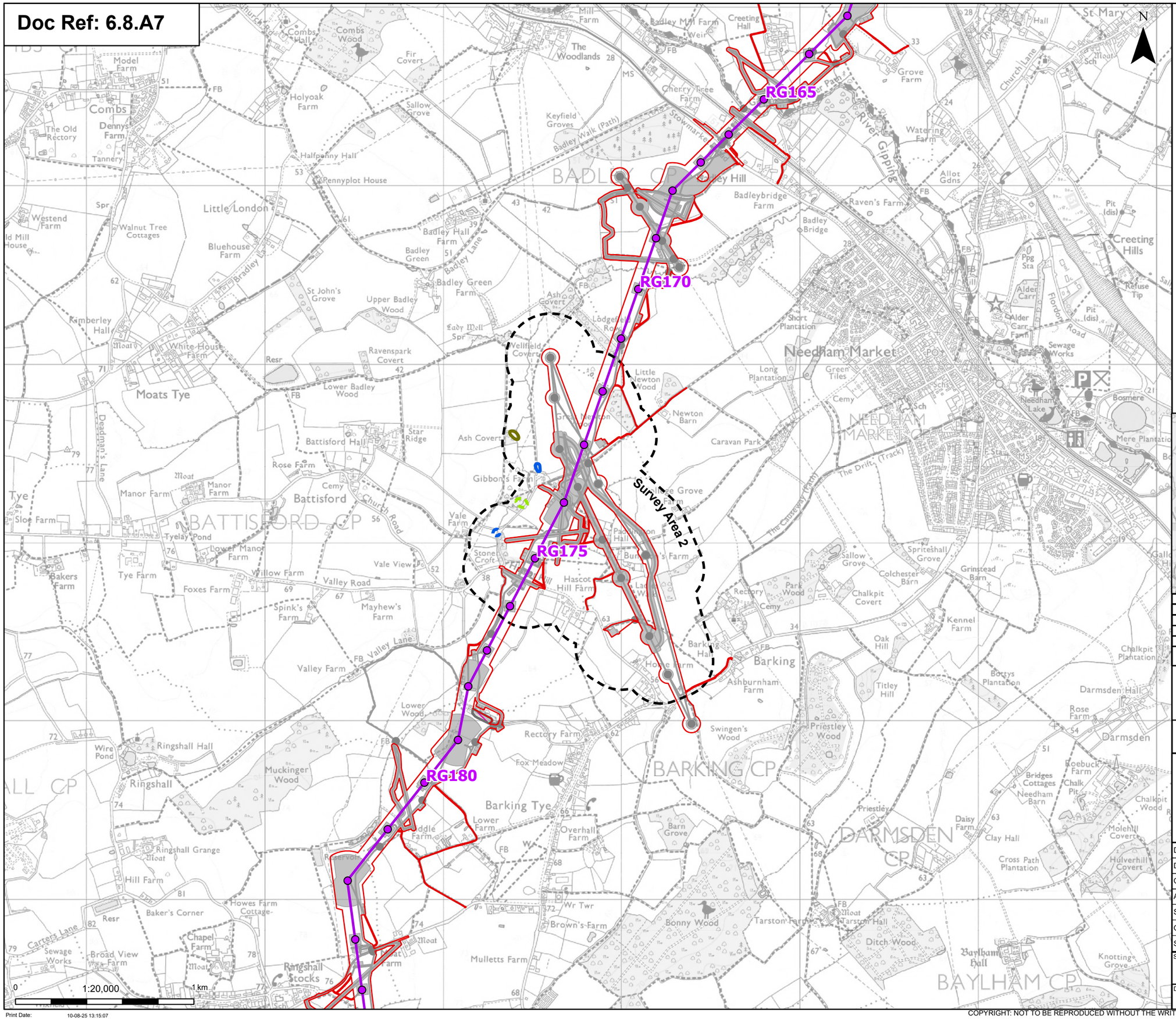
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Doc Ref: 6.8.A7


RG75
RG80
RG85
RG90
RG95
Survey Area 1
Section A
Section B
ROYDON CP
WORTHAM CP
PALGRAVE CP
DISS CP
Roydon
Diss
Bressingham
Fen Street
Worthan Ling
Palgrave
Walcot Green
Westbrook Green
Snow Street
Bressingham Common
Darrow Wood Farm
Darrow Farm
Stollerie's Farm
Boundary Farm
Gables Farm
Fir Tree Farm
White House Farm
Sewage Works (dis)
Sturgeon's Farm
Brewers Green
Pheasantry Farm
Factory Lane
Cemetery
Playing Field
Walcot Hall Farm
Home Farm
Grove Farm
Algar's Farm
Bow Bridge
Chestnut Tree Farm
Woolseybridge Farm
Prospect Farm
Westbrook Green Farm
Oldhall Farm
Bluepump Farm
Valley Farm
Poplar Farm
Hill Farm
Fenner's Farm
Walnut Tree Farm
High House
Common Farm
The Mill House Farm
Willow Farm
Gravel Pit
Allot Gdns
Angles Way
Redon Fen
Grove Farm
Three Gates Farm
Bressingham Fen
Horse Fen
Horsefen Carr
New Carr
River Waveney
Freezen Hill
Bressingham Steam & Gardens
Garden Centre
Nursery
Hall
War Memi
High Road
Factory Lane
Frenze Hall Lane
Old Bury Road
Lion Road
Millway Lane
Rose Lane
Burston Road
Millway Lane (Track)
Halford Lane
School Road
Simton's Lane
Folly Lane
Common Road
Slade Lane
Mill Lane (Track)
Church Road
Meadow Rise
Dashes Farm
Manor Farm
Manor House
Long Gardens Plantation
Ling Farm
Woodhouse Farm
Beech Tree Farm
Pond Cottage
Wortham House
Rectory
The Wigwam
Watch Tower (remains of)
War Memorial
The Homestead
Pollard Tree Farmhouse
Duck Farm
Ickworth Sheds
The Mount
Ellesmere
Spears Hill Farm
Spears Hill
The Thatched Barn
Glebe Farm
Willow Corner
White House Farm
Lime Tree Farm
The Marsh
Long Green
Ivyhouse Farm
Walnut Tree Farm
Honeypot Farm
The Rookery
St John's House
The Grange
Spring Farm
Valley Farm
Perry's Farm
Pond Farm
Honeypot Farm
Great Green
Dairy Farm
Mill House Farm
Ivy Cottage
Place Farm
Abbey Close
Smallholding
Nursery
Church Farm
Priory Farm
The Priory
Star Yard
The Green
Elm Vale Farm
Alder Carr
The Lows
Lows Cottage
Bridge Farm
Denmark Hill
Oak Farm
Star Cottages
Cock St
Rectory Meadow
Boudica Way
The Mere
F Sta
Pond Cottage
Darrow Lane
Willow Farm
Gables Farm
Fir Tree Farm
Boundary Farm
Playing Field
Sewage Works
Sturgeon's Farm
Brewers Green
Pheasantry Farm
Factory Lane
Cemetery
Walcot Hall Farm
Home Farm
Grove Farm
Algar's Farm
Bow Bridge
Chestnut Tree Farm
Woolseybridge Farm
Prospect Farm
Westbrook Green Farm
Darrow Wood Farm
Westbrook Green
Stollerie's Farm
Darrow Farm
Snow Street
Bressingham Common
Common Farm
The Mill House
Farm
Plantation
Folly Farm
Fenner's Farm
Walnut Tree Farm
High House
War Mem
Poplar Farm
Valley Farm
Hill Farm
Chestnut Tree Farm
Oldhall Farm
Bluepump Farm
Fen Street
Nursery
Hall
Garden Centre
Bressingham Steam & Gardens
Three Gates Farm
Bressingham Fen
Horse Fen
Horsefen Carr
New Carr
River Waveney
Freezen Hill

Doc Ref: 6.8.A7



Order limits

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

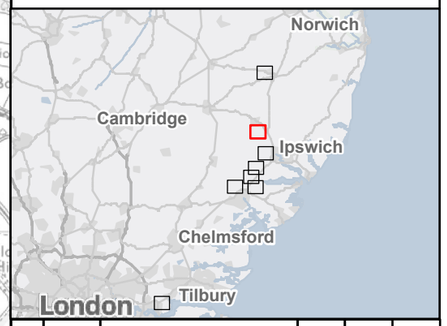
- Survey areas

Breeding Bird Territory

- LS - Possible
- MT - Confirmed
- N - Confirmed
- N - Possible

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 2025	FOR DCO APPLICATION	MP	AF	KB

nationalgrid

PROJECT: Norwich to Tilbury

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

Title:

Figure A8.7.4 - Ecology and Biodiversity Corn Bunting/Cuckoo/House Martin/ Lapwing/Lesser Spotted Woodpecker/Marsh Tit/ Nightingale/Swift Territory Map
Page 2 of 8

Designed	R. Anderton	Date	October 25
Drawn	K. Fischer	Date	October 25
Checked	A. Fell	Date	October 25
Approved	K. Burrows	Date	October 25
Scale:	1:20,000	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-00350

Revision: B

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RG205
RG210
JC1
JC5
JC10
JC15
JC20
Bramford Substation
Proposed substation extension
Survey Area 3
Section B
Section C
BRAMFORD CP
FLOWTON CP
BURSTALL CP
SPROUGHTON CP
HINTLESHAM CP
CHATTISHAM CP
0 1:20,000 1 km

Print Date: 10-08-25 13:15:12

- Order limits
- Project section line

Proposed project design details

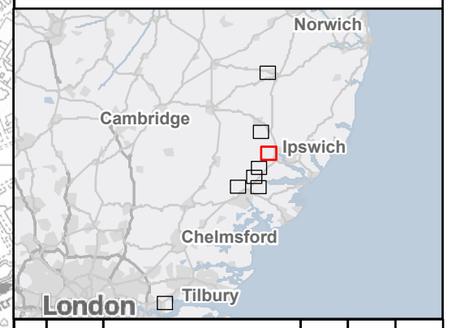
- Proposed full line tension gantry
- Proposed low duty gantry
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Bramford Substation
- Bramford Substation Extension
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Survey areas

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 2025	FOR DCO APPLICATION	MP	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.7.4 - Ecology and Biodiversity Corn Bunting/Cuckoo/House Martin/ Lapwing/Lesser Spotted Woodpecker/Marsh Tit/ Nightingale/Swift Territory Map
Page 3 of 8

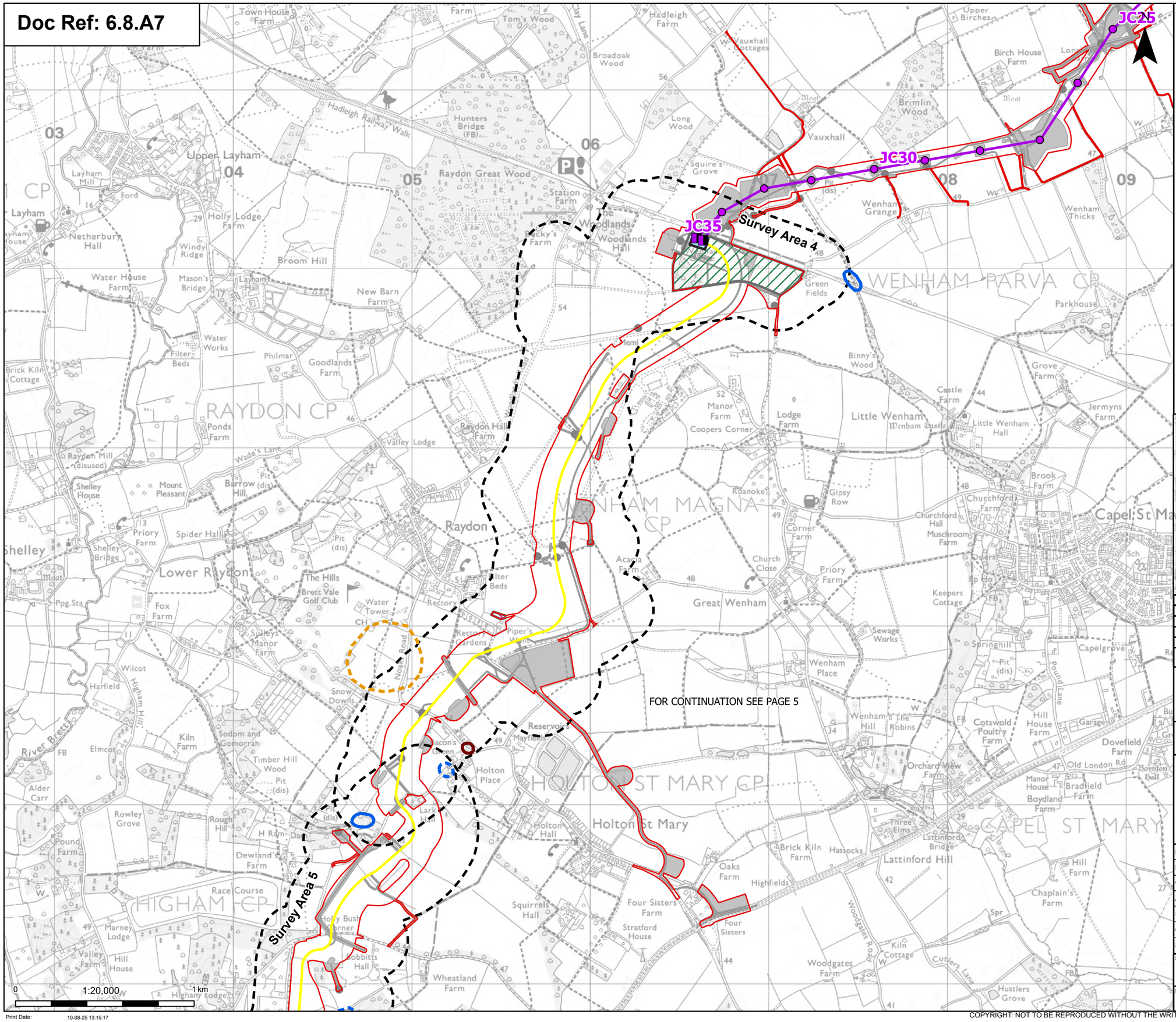
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Drawn	K. Fischer	Date	October 25
Checked	A. Fell	Date	October 25
Approved	K. Burrows	Date	October 25
Scale:	1:20,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00350
Revision: B

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Doc Ref: 6.8.A7



Order limits

Proposed project design details

- Proposed full line tension gantry
- 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

- Survey areas

Breeding Bird Territory

- CK - Possible
- HM - Confirmed
- N - Confirmed
- N - Possible

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

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

Title:

Figure A8.7.4 - Ecology and Biodiversity
Corn Bunting/Cuckoo/House Martin/
Lapwing/Lesser Spotted Woodpecker/Marsh Tit/
Nightingale/Swift Territory Map
Page 4 of 8

Designed	R. Anderton	Date	October 25
Drawn	K. Fischer	Date	October 25
Checked	A. Fell	Date	October 25
Approved	K. Burrows	Date	October 25
Scale:	1:20,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
Accepted as Concept Stage

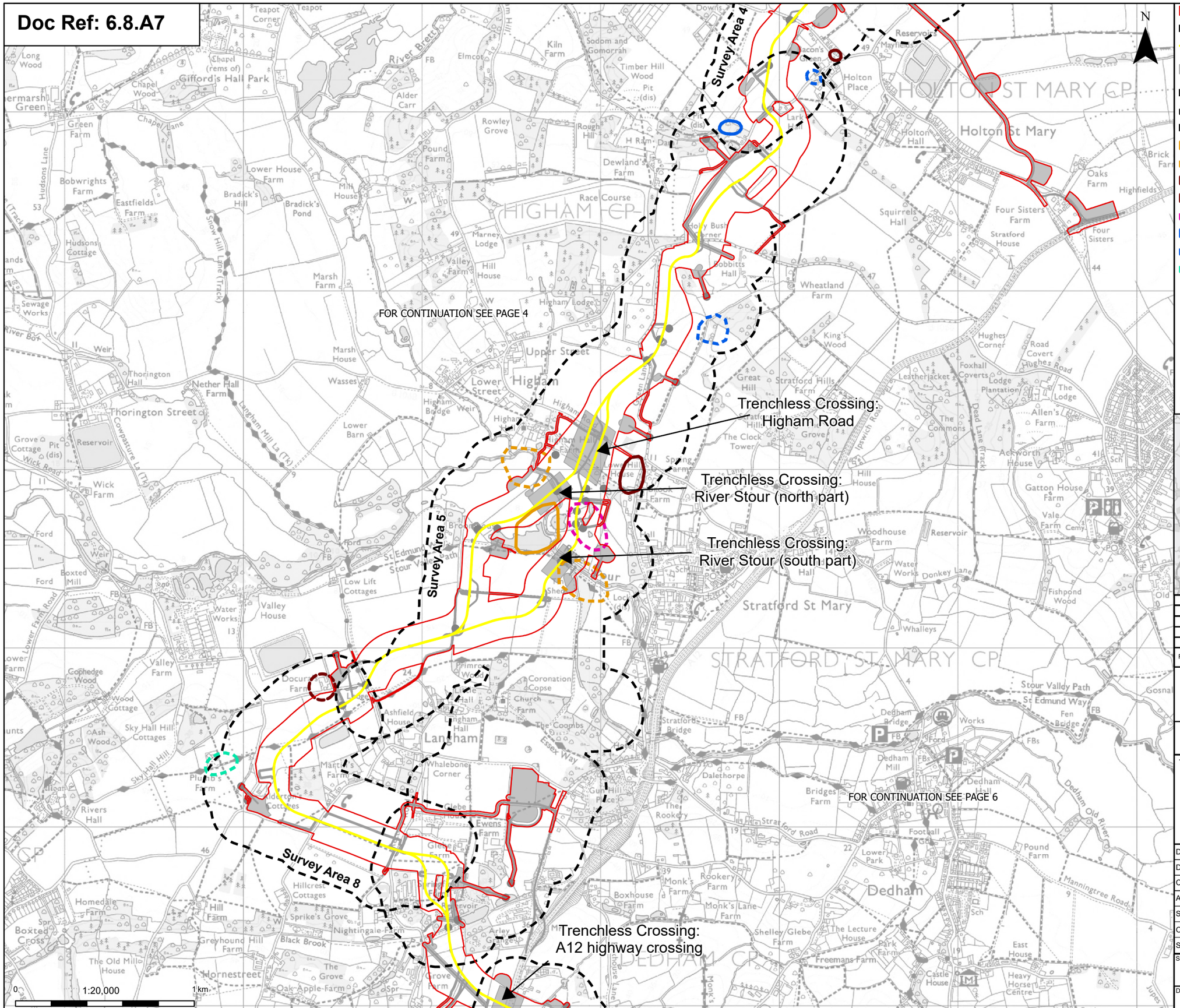
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Revision: B

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- Order limits

Proposed project design details

- Proposed underground cable alignment
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Survey areas

Breeding Bird Territory

- CK - Confirmed
- CK - Possible
- HM - Confirmed
- HM,Possible
- L - Possible
- N - Confirmed
- N - Possible
- SI - Possible

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

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

Title:

Figure A8.7.4 - Ecology and Biodiversity Corn Bunting/Cuckoo/House Martin/ Lapwing/Lesser Spotted Woodpecker/Marsh Tit/ Nightingale/Swift Territory Map
Page 5 of 8

Designed	R. Anderton	Date	October 25
Drawn	K. Fischer	Date	October 25
Checked	A. Fell	Date	October 25
Approved	K. Burrows	Date	October 25
Scale:	1:20,000	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-00350

Revision: B

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Survey Area 8

Survey Area 5

Trenchless Crossing:
A12 highway crossing

Trenchless Crossing:
Railway crossing (east of Ardleigh)

Survey Area 6

Proposed
EACN
Substation

TB20

TB15

TB10

TB5

TB1

FOR CONTINUATION SEE PAGE 5

Section C

Section D

N

0 1:20,000 1 km

Print Date: 10-08-25 13:15:28

- Order limits
- Project section line

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 (EACN) Substation
- Environmental area
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Survey areas

Breeding Bird Territory

- CB - Confirmed
- CK - Possible
- SI - Possible

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

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

Title:

Figure A8.7.4 - Ecology and Biodiversity
Corn Bunting/Cuckoo/House Martin/
Lapwing/Lesser Spotted Woodpecker/Marsh Tit/
Nightingale/Swift Territory Map
Page 6 of 8

Designed	R. Anderton	Date	October 25
Drawn	K. Fischer	Date	October 25
Checked	A. Fell	Date	October 25
Approved	K. Burrows	Date	October 25
Scale:	1:20,000	Datum:	AOD
Original Size:	A3	Grid:	OS
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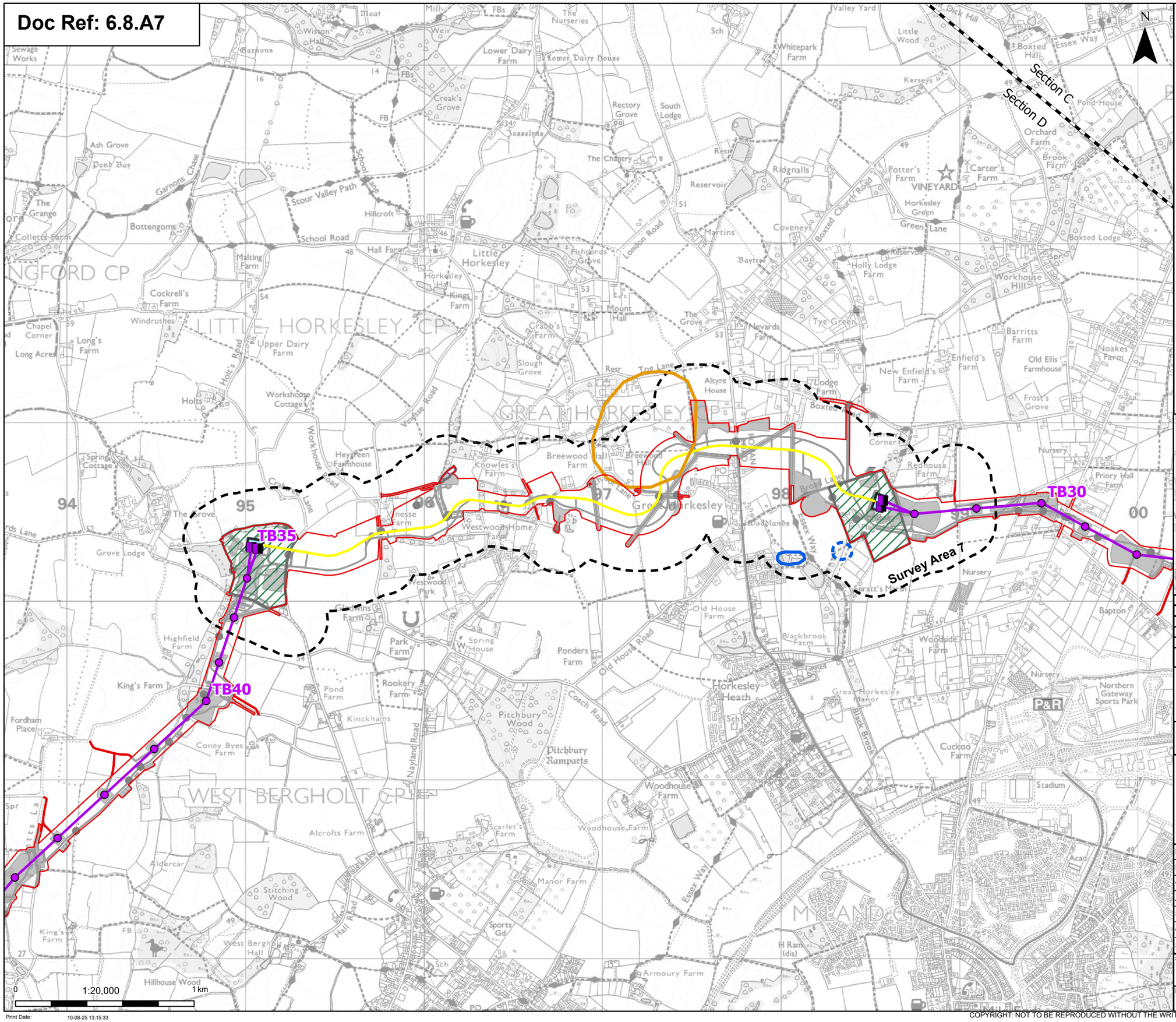
Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00350

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Order limits
Project section line

Proposed project design details

Proposed full line tension gantry
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

Survey areas

Breeding Bird Territory

CK - Confirmed
N - Confirmed
N - Possible

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 2025	FOR DCO APPLICATION	MP	AF	KB

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PROJECT:
Norwich to Tilbury

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

Title:
Figure A8.7.4 - Ecology and Biodiversity Corn Bunting/Cuckoo/House Martin/ Lapwing/Lesser Spotted Woodpecker/Marsh Tit/ Nightingale/Swift Territory Map
Page 7 of 8

Designed	R. Anderton	Date	October 25
Drawn	K. Fischer	Date	October 25
Checked	A. Fell	Date	October 25
Approved	K. Burrows	Date	October 25
Scale:	1:20,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

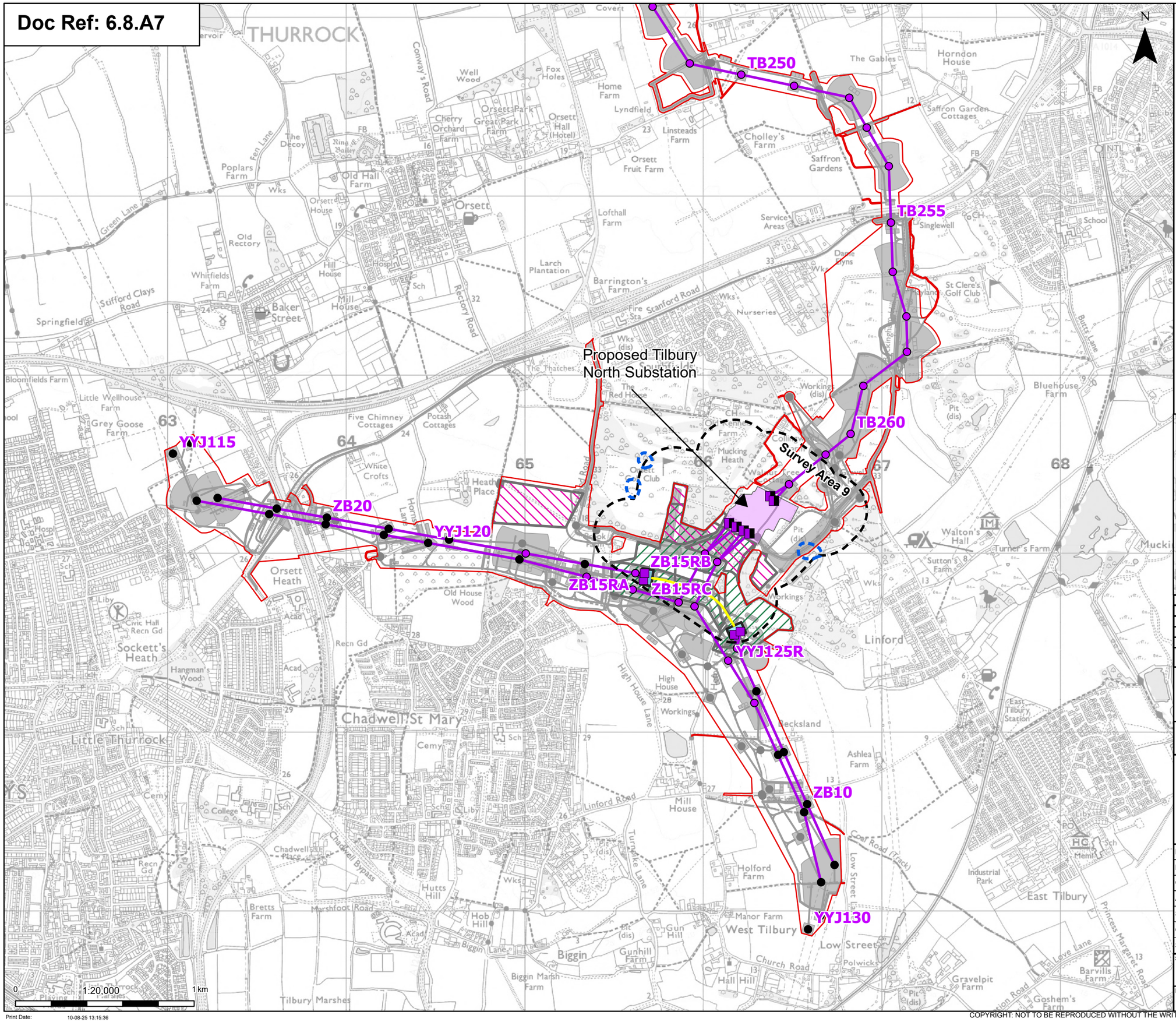
Suitability Description:
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Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00350
Revision: B

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N

- Order limits

Proposed project design details

- Proposed full line tension gantry
- Proposed low duty gantry
- 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

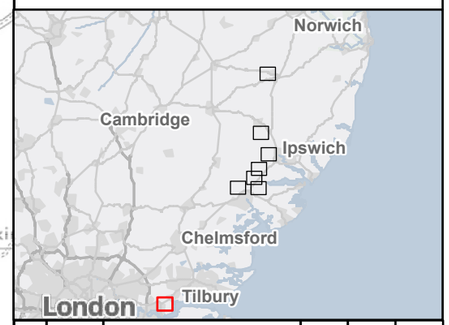
- Survey areas

Breeding Bird Territory

- N - Possible

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 2025	FOR DCO APPLICATION	MP	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.7.4 - Ecology and Biodiversity
Corn Bunting/Cuckoo/House Martin/
Lapwing/Lesser Spotted Woodpecker/Marsh Tit/
Nightingale/Swift Territory Map
Page 8 of 8

Designed	R. Anderton	Date	October 25
Drawn	K. Fischer	Date	October 25
Checked	A. Fell	Date	October 25
Approved	K. Burrows	Date	October 25
Scale:	1:20,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

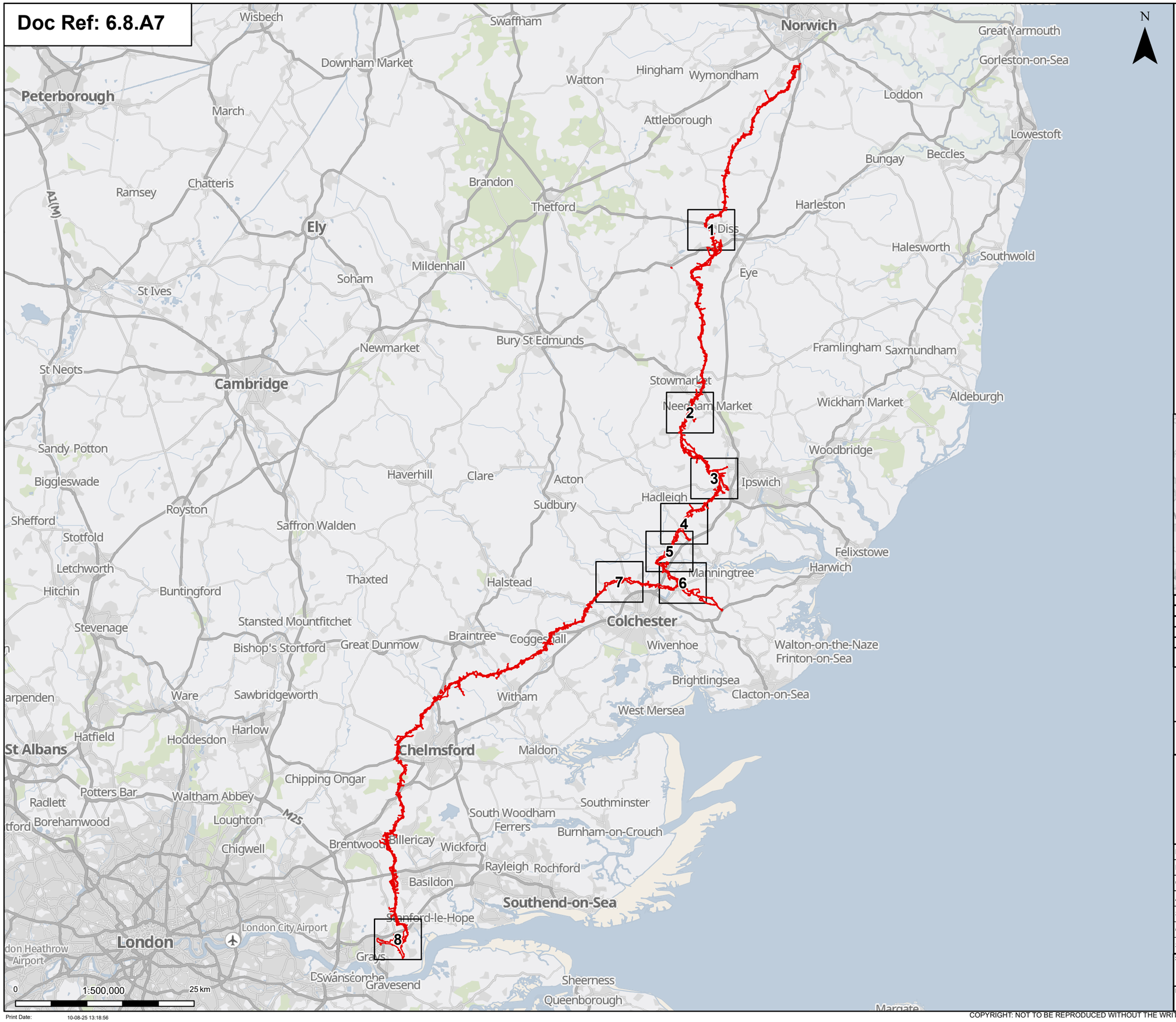
Suitability Description:
Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00350
Revision: B

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Figure A8.7.5 Greenfinch Territory Map (Rev B)

Doc Ref: 6.8.A7



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B	Oct 2025	FOR DCO APPLICATION	KF	AF	KB
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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.7.5- Ecology and Biodiversity - Greenfinch Territory Map Overview

Designed	R. Anderton	Date	October 25
Drawn	K. Fischer	Date	October 25
Checked	A. Fell	Date	October 25
Approved	K. Burrows	Date	October 25
Scale:	1:500,000	Datum:	AOD
Original Size:	A3	Grid:	OS
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Suitability Description:
Accepted as Concept Stage

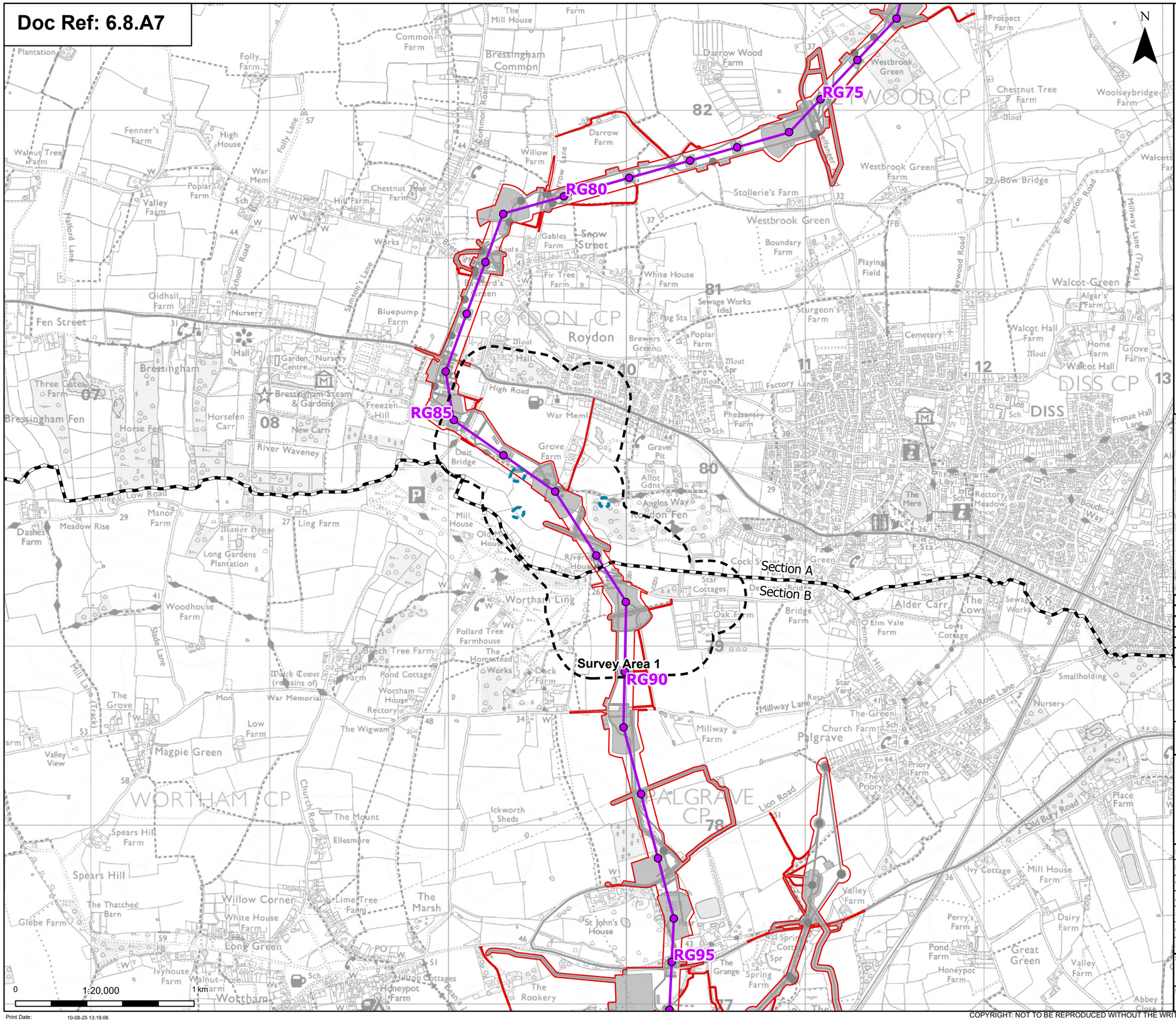
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Revision: B

Print Date: 10-08-25 13:18:56

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Print Date: 10-08-25 13:19:06

- Order limits
- 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

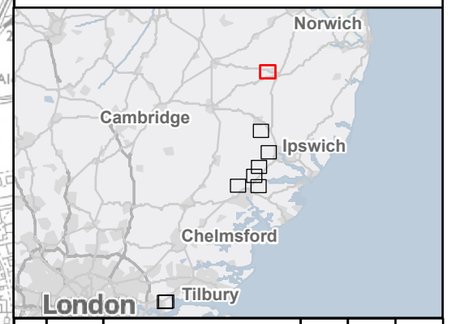
- Survey areas

Breeding bird territory

- Possible

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.7.5- Ecology and Biodiversity - Greenfinch Territory Map
Page 1 of 8

Designed	R. Anderton	Date	October 25
Drawn	K. Fischer	Date	October 25
Checked	A. Fell	Date	October 25
Approved	K. Burrows	Date	October 25
Scale:	1:20,000	Datum:	AOD
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Suitability Code:	A2	Project Number:	10059280

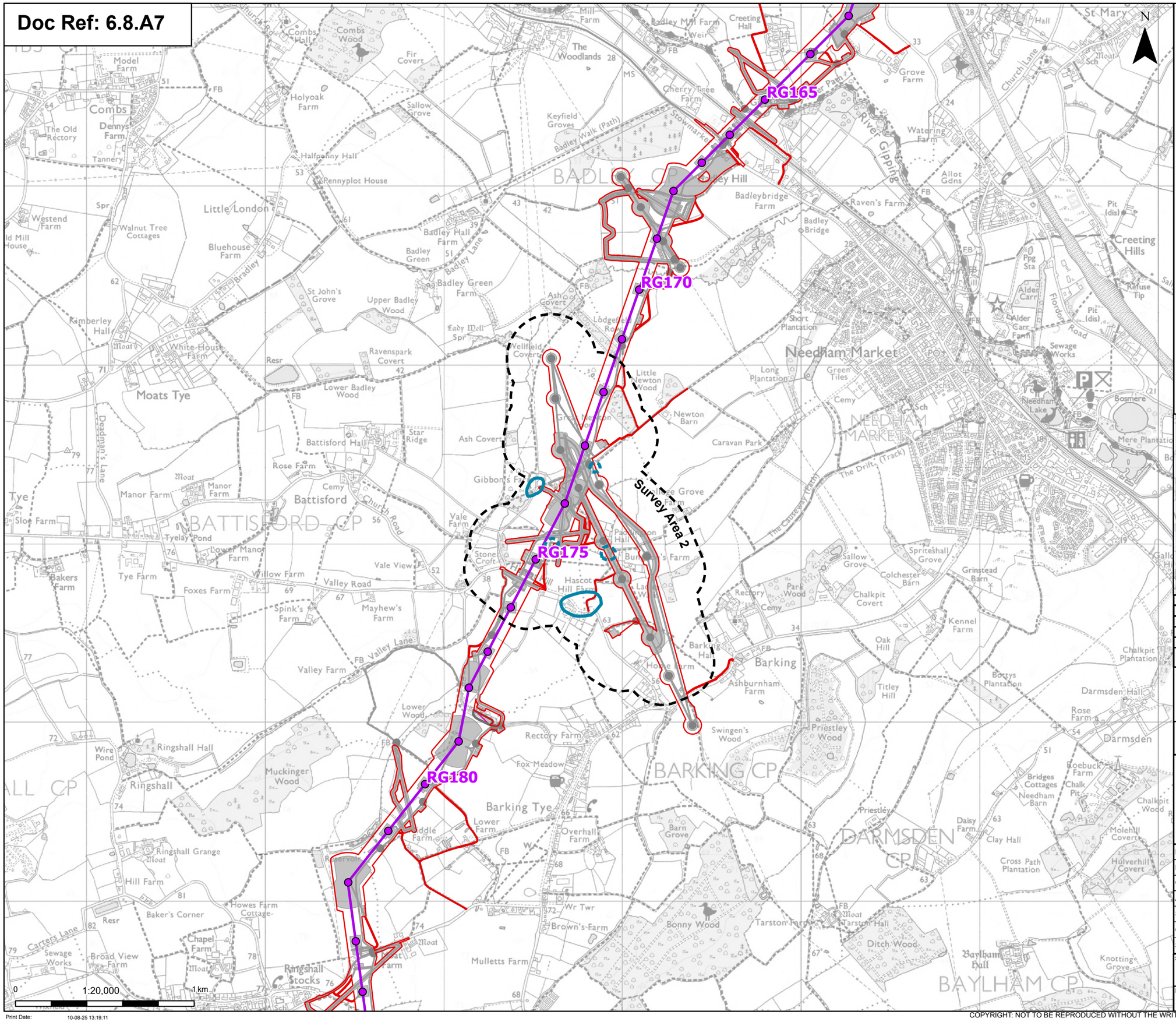
Suitability Description:
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Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00351

Revision: B

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Doc Ref: 6.8.A7



Print Date: 10-08-25 13:19:11

Order limits

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

Survey areas

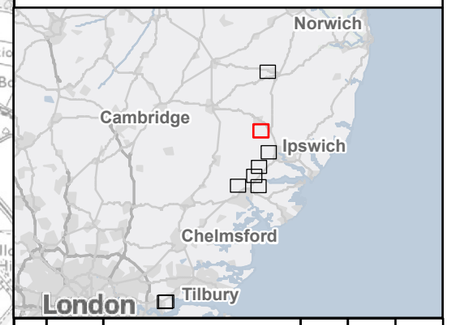
Breeding bird territory

Confirmed

Possible

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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A	Aug 2025	FOR DCO APPLICATION	MP	AF	KB

nationalgrid

PROJECT: Norwich to Tilbury

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

Title:

Figure A8.7.5- Ecology and Biodiversity - Greenfinch Territory Map
Page 2 of 8

Designed	R. Anderton	Date	October 25
Drawn	K. Fischer	Date	October 25
Checked	A. Fell	Date	October 25
Approved	K. Burrows	Date	October 25
Scale:	1:20,000	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-00351

Revision: B

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Doc Ref: 6.8.A7

RG205
RG210
JC1
JC5
JC10
JC15
JC20
Survey Area 3
Bramford Substation
Proposed substation extension
Section B
Section C
BRAMFORD CP
FLOWTON CP
BURSTALL CP
HINTLESHAM CP
CHATTISHAM CP
SPROUGHTON CP
N
0 1:20,000 1 km

Print Date: 10-08-25 13:19:16

- Order limits
- 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

- Survey areas

Breeding bird territory

- Possible

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.7.5- Ecology and Biodiversity - Greenfinch Territory Map
Page 3 of 8

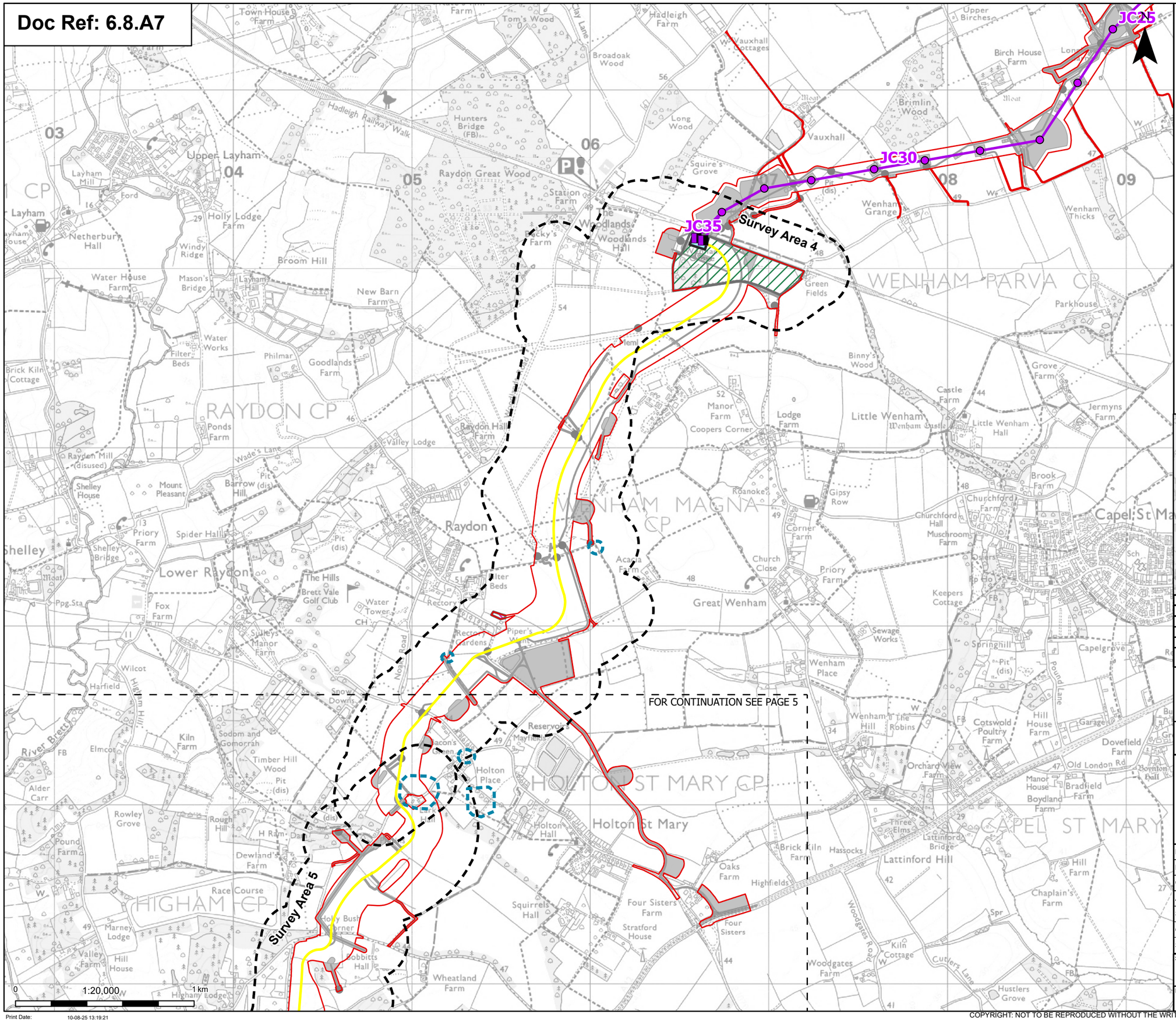
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Drawn	K. Fischer	Date	October 25
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Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description: Accepted as Concept Stage

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Order limits

Proposed project design details

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

Discipline specific constraints

- Survey areas

Breeding bird territory

- Possible

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.7.5- Ecology and Biodiversity - Greenfinch Territory Map
Page 4 of 8

Designed	R. Anderton	Date	October 25
Drawn	K. Fischer	Date	October 25
Checked	A. Fell	Date	October 25
Approved	K. Burrows	Date	October 25
Scale:	1:20,000	Datum:	AOD
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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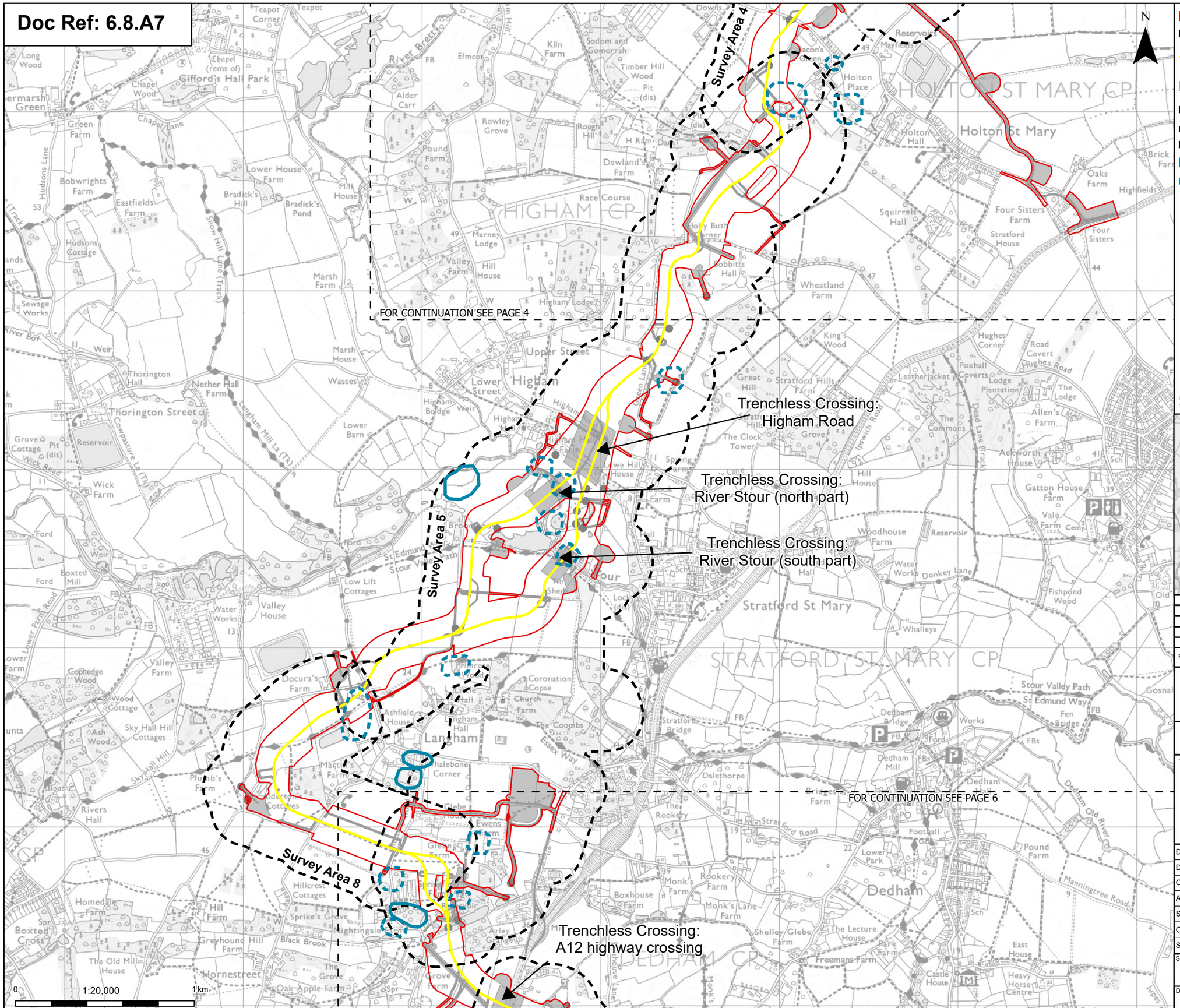
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- Order limits

Proposed project design details

- Proposed underground cable alignment
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Survey areas

Breeding bird territory

- Confirmed
- Possible

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.7.5- Ecology and Biodiversity - Greenfinch Territory Map
Page 5 of 8

Designed	R. Anderton	Date	October 25
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Approved	K. Burrows	Date	October 25
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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-00351

Revision: B

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Survey Area 8

Survey Area 5

Trenchless Crossing:
A12 highway crossing

FOR CONTINUATION SEE PAGE 5

Trenchless Crossing:
Railway crossing (east of Ardleigh)

Survey Area 6

TB20

TB15

TB10

TB5

TB1

Proposed
EACN
Substation

Section C

Section D

N

0 1:20,000 1 km

Print Date: 10-08-25 13:19:31

- Order limits
- Project section line

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

Discipline specific constraints

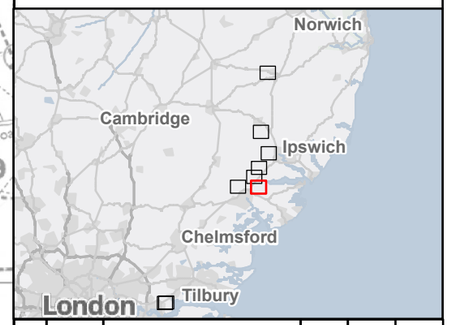
- Survey areas

Breeding bird territory

- Confirmed
- Possible

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.7.5- Ecology and Biodiversity - Greenfinch Territory Map
Page 6 of 8

Designed	R. Anderton	Date	October 25
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Approved	K. Burrows	Date	October 25
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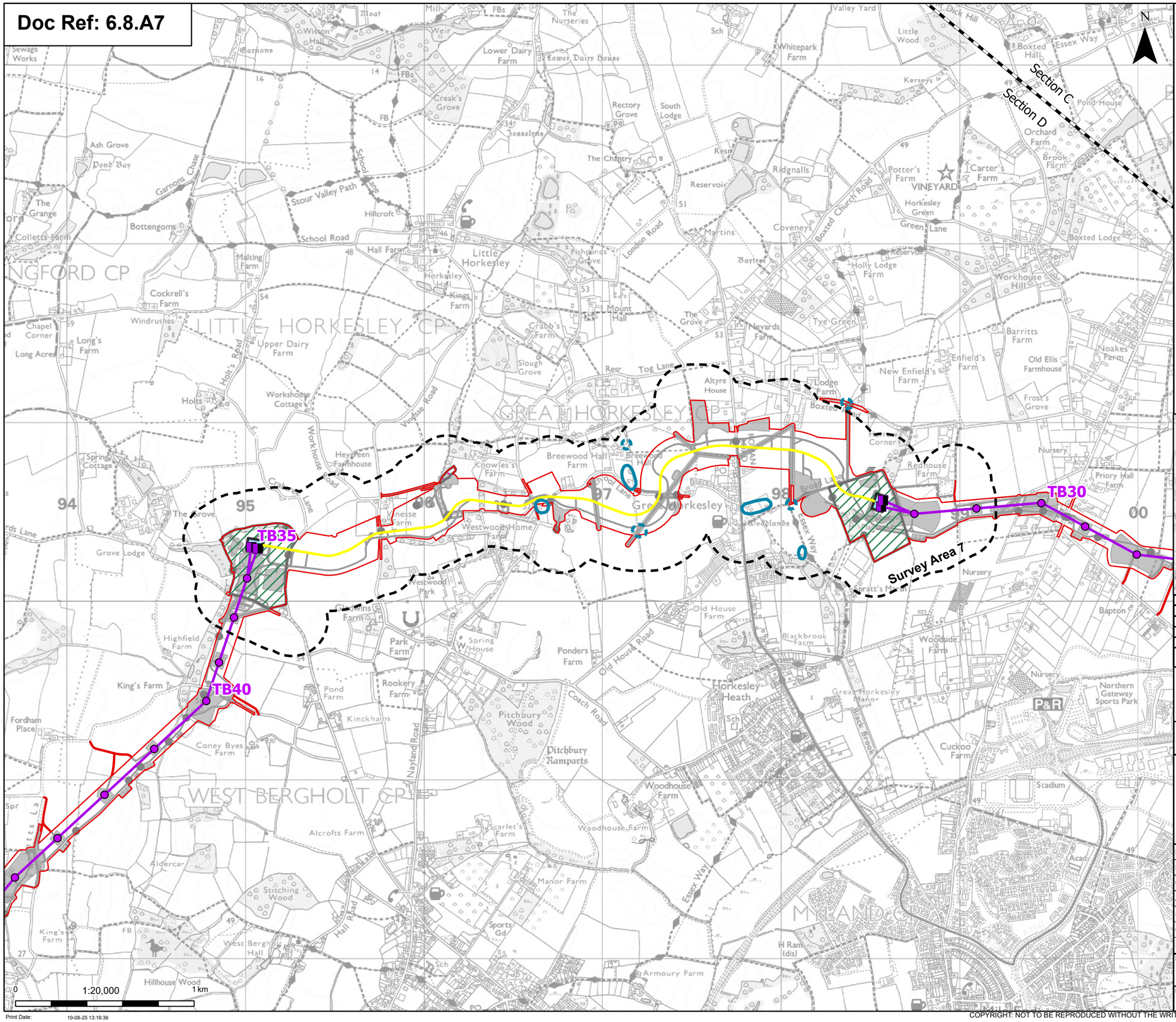
Suitability Description:
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Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00351

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- Order limits
- Project section line

Proposed project design details

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

Discipline specific constraints

- Survey areas

Breeding bird territory

- Confirmed
- Possible

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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PROJECT:
nationalgrid Norwich to Tilbury

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

Title:

Figure A8.7.5- Ecology and Biodiversity - Greenfinch Territory Map
Page 7 of 8

Designed	R. Anderton	Date	October 25
Drawn	K. Fischer	Date	October 25
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Approved	K. Burrows	Date	October 25
Scale:	1:20,000	Datum:	AOD
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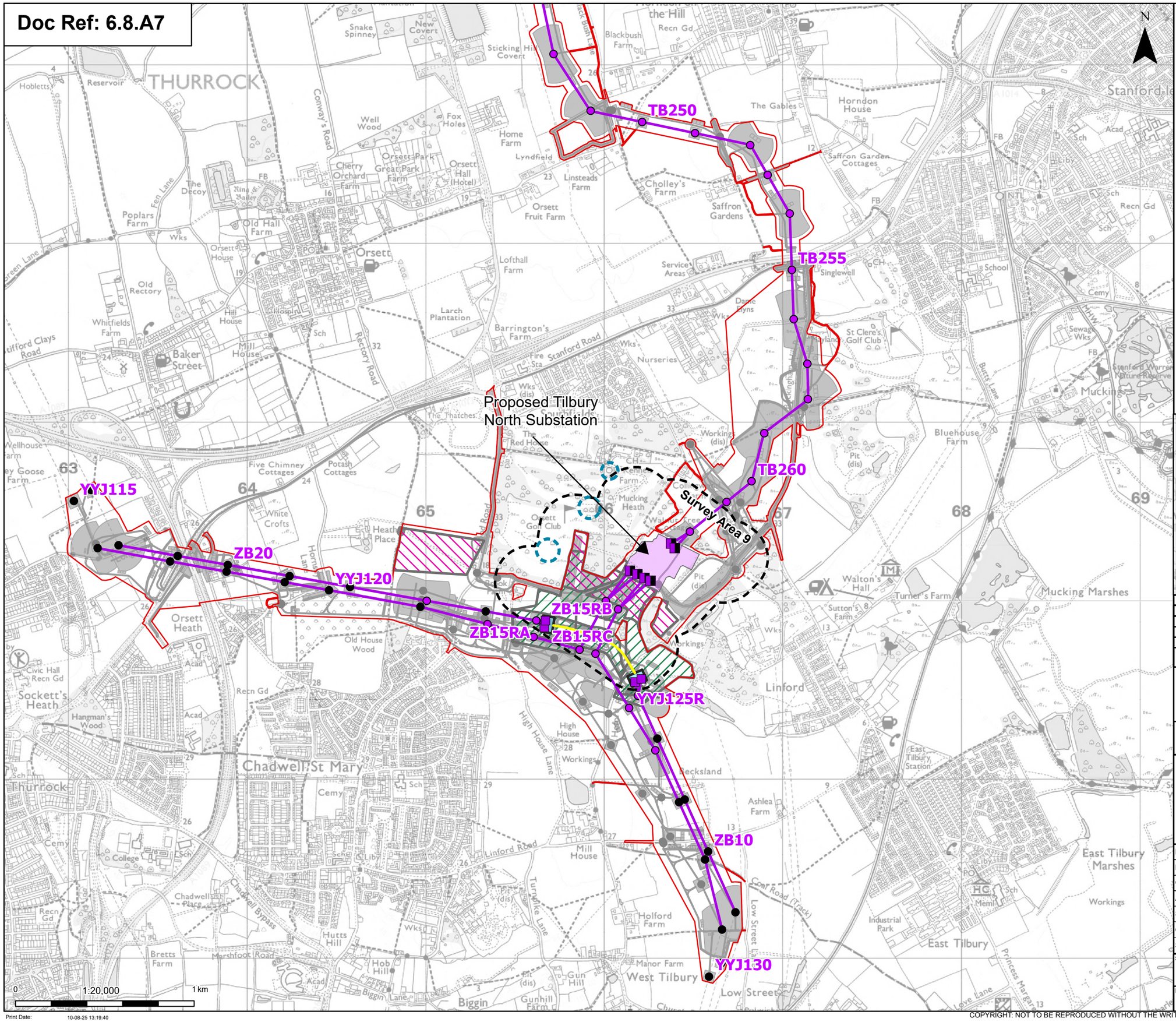
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Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00351
Revision: B

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- Order limits

Proposed project design details

- Proposed full line tension gantry
- Proposed low duty gantry
- 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
- Environmental area
- Environmental mitigation
- Other temporary and permanent construction and operational works

Discipline specific constraints

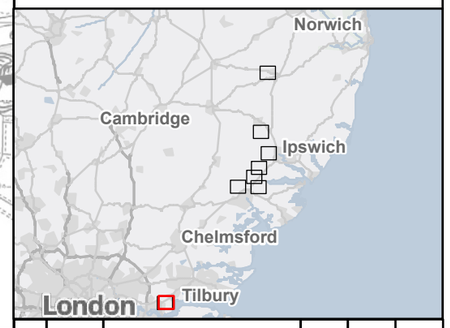
- Survey areas

Breeding bird territory

- Possible

Note: The proposed overhead line alignment and proposed underground cable alignment together comprise the alignment.

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.7.5- Ecology and Biodiversity - Greenfinch Territory Map
Page 8 of 8

Designed	R. Anderton	Date	October 25
Drawn	K. Fischer	Date	October 25
Checked	A. Fell	Date	October 25
Approved	K. Burrows	Date	October 25
Scale:	1:20,000	Datum:	AOD
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:
Accepted as Concept Stage

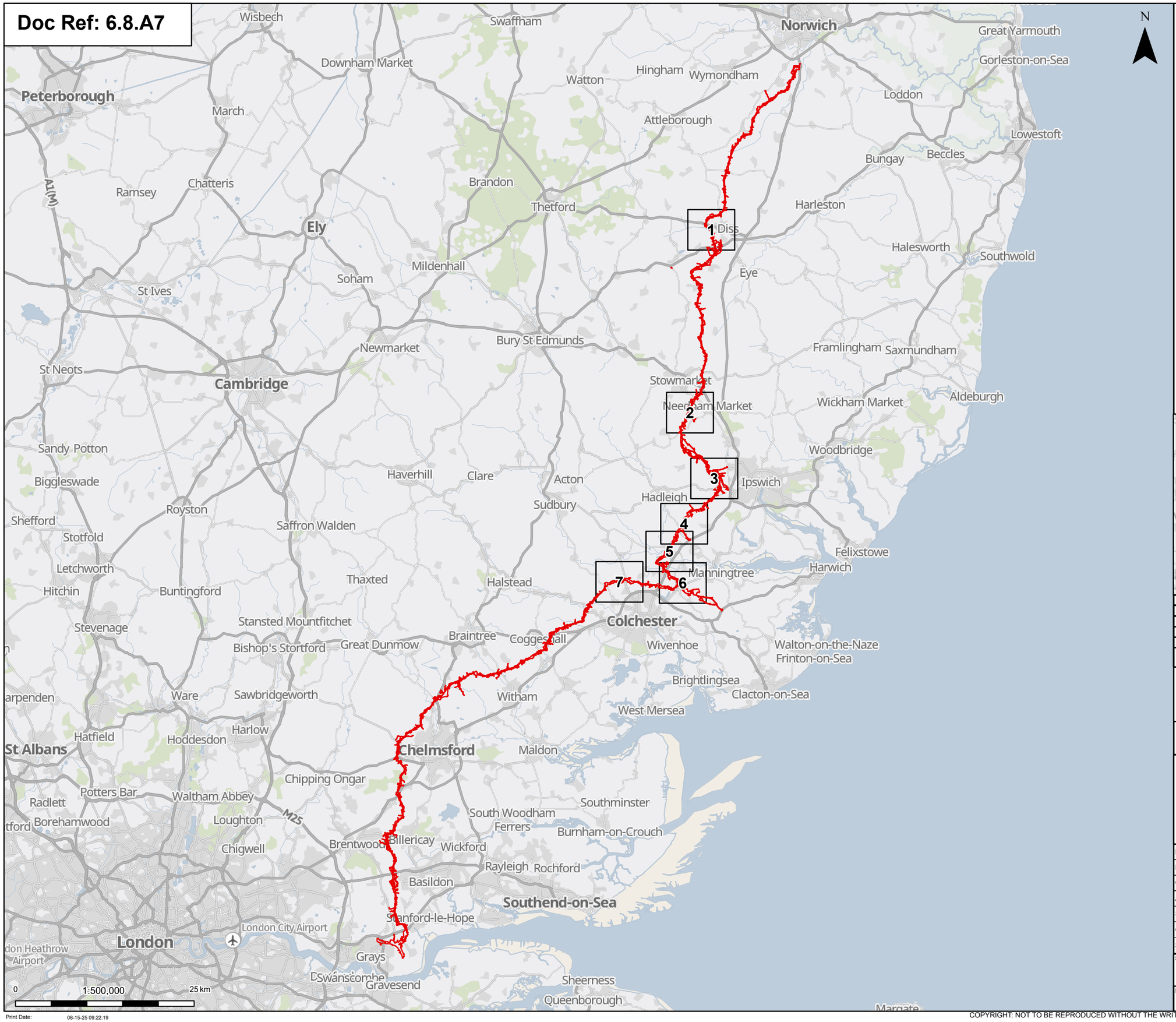
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Figure A8.7.6 Grey Partridge Territory Map

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.7.6- Ecology and Biodiversity - Grey Partridge Territory Map Overview

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:500,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description: Accepted as Concept Stage

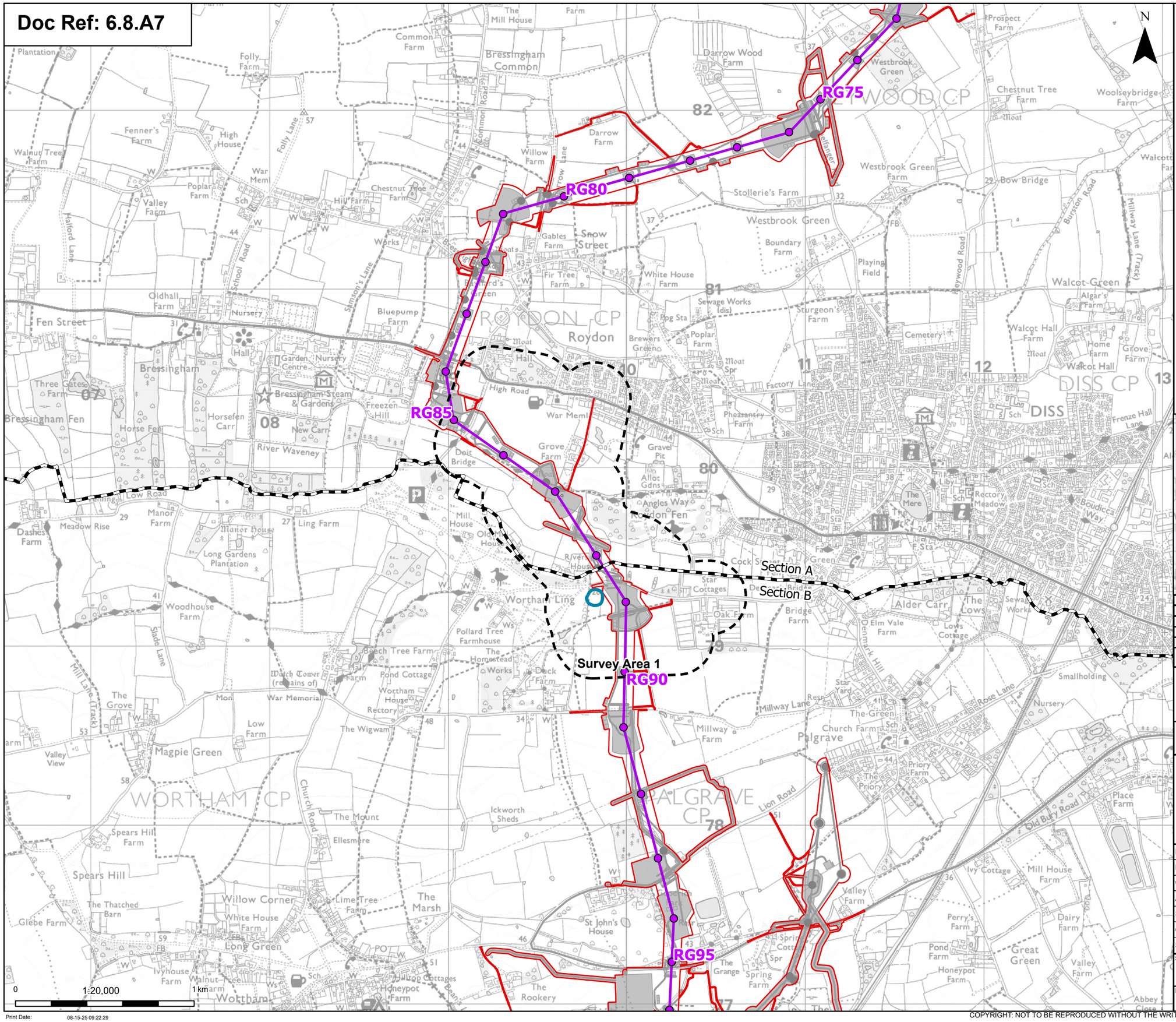
Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00352

Revision: A

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- Order limits
- 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

- Survey areas

Breeding bird territory

- Confirmed

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

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

Title:

Figure A8.7.6- Ecology and Biodiversity - Grey Partridge Territory Map
Page 1 of 7

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:20,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
Accepted as Concept Stage

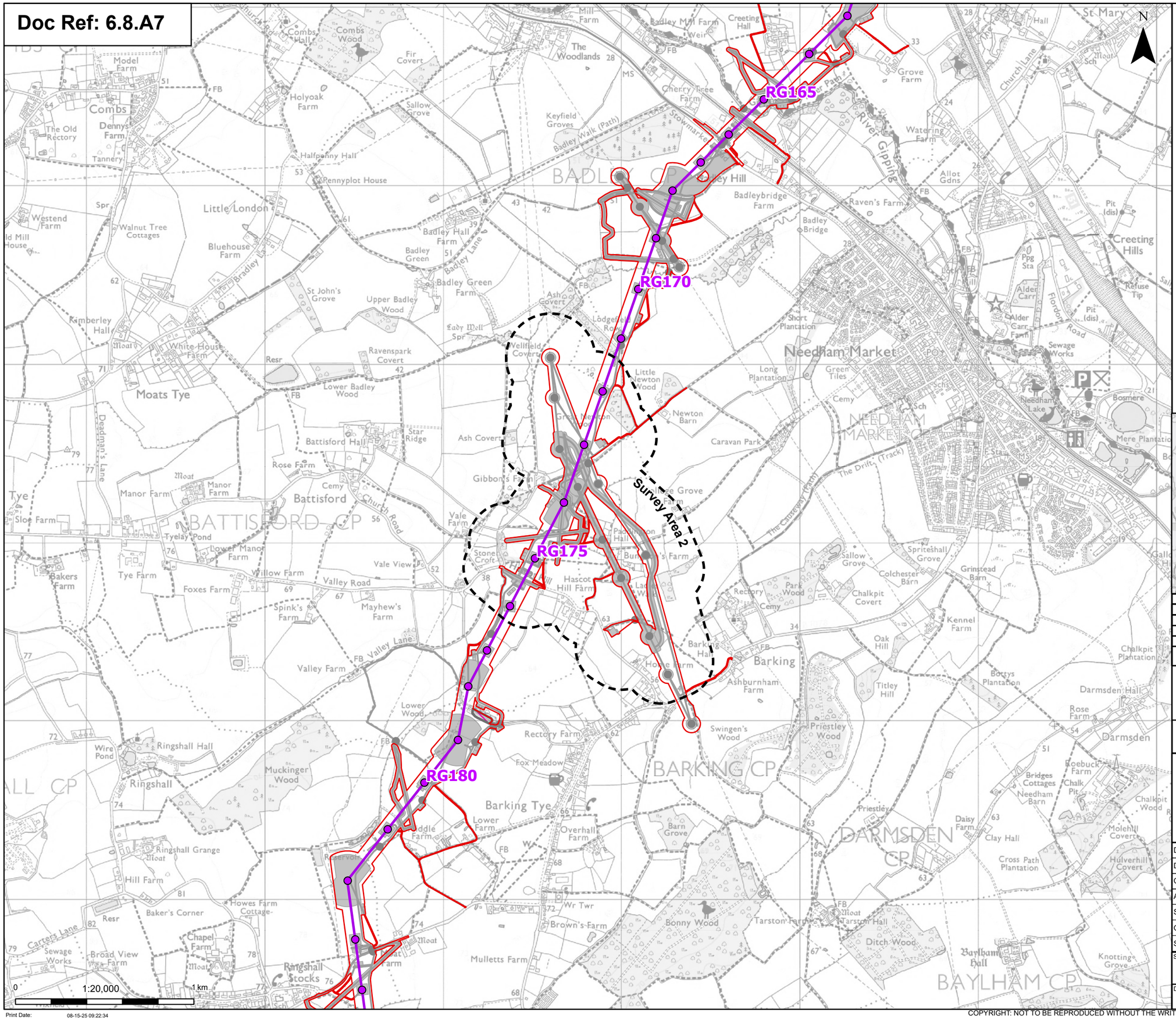
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Order limits

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

Survey areas

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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Regulation 5(2)(a)

Title:

Figure A8.7.6- Ecology and Biodiversity - Grey Partridge Territory Map
Page 2 of 7

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:20,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description: Accepted as Concept Stage

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Revision: A

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RG205
RG210
JC1
JC5
JC10
JC15
JC20
Bramford Substation
Proposed substation extension
Survey Area 3
Section B
Section C

0 1:20,000 1 km

Print Date: 08-15-25 09:22:39

- Order limits
- 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

- Survey areas

Breeding bird territory

- Possible

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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Title:

Figure A8.7.6- Ecology and Biodiversity - Grey Partridge Territory Map
Page 3 of 7

Designed	R. Anderton	Date	21 Aug 25
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Scale:	1:20,000	Datum:	AOD
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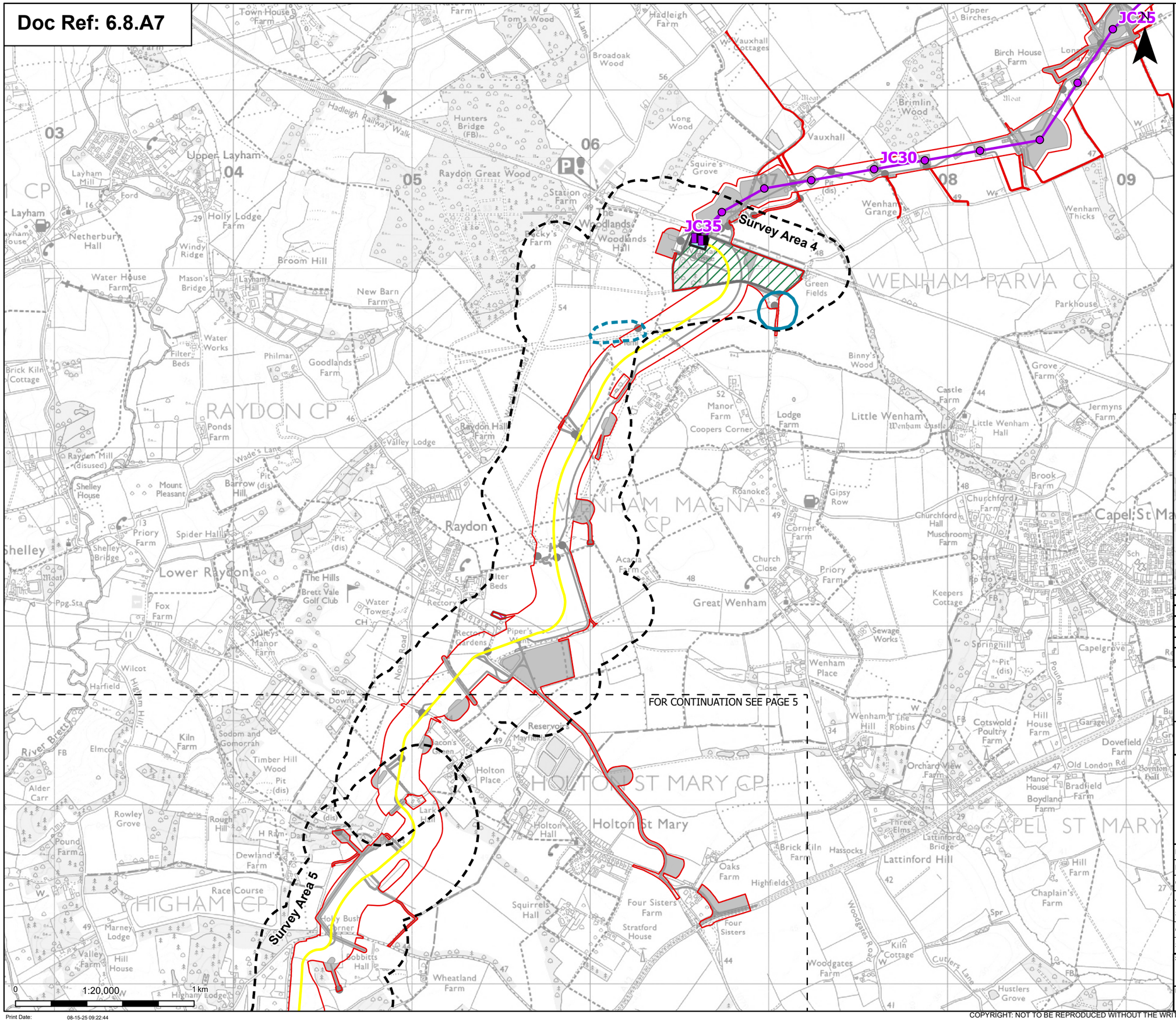
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Order limits

Proposed project design details

- Proposed full line tension gantry
- 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

- Survey areas

Breeding bird territory

- Confirmed
- Possible

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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Regulation 5(2)(a)

Title:

Figure A8.7.6- Ecology and Biodiversity - Grey Partridge Territory Map
Page 4 of 7

Designed	R. Anderton	Date	21 Aug 25
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Scale:	1:20,000	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-00352

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Trenchless Crossing: Higham Road

Trenchless Crossing: River Stour (north part)

Trenchless Crossing: River Stour (south part)

Survey Area 4

Survey Area 5

Survey Area 6

FOR CONTINUATION SEE PAGE 4

FOR CONTINUATION SEE PAGE 6

HIGHAM CP

HOLTON ST MARY CP

STRATFORD ST MARY CP

DEDHAM CP

Holton St Mary

Higham

Stratford St Mary

Dedham

Lamham

N

0 1:20,000 1 km

Print Date: 08-15-25 09:22:48

Order limits

Proposed project design details

Proposed underground cable alignment

Other temporary and permanent construction and operational works

Discipline specific constraints

Survey areas

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

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

Title:

Figure A8.7.6- Ecology and Biodiversity - Grey Partridge Territory Map
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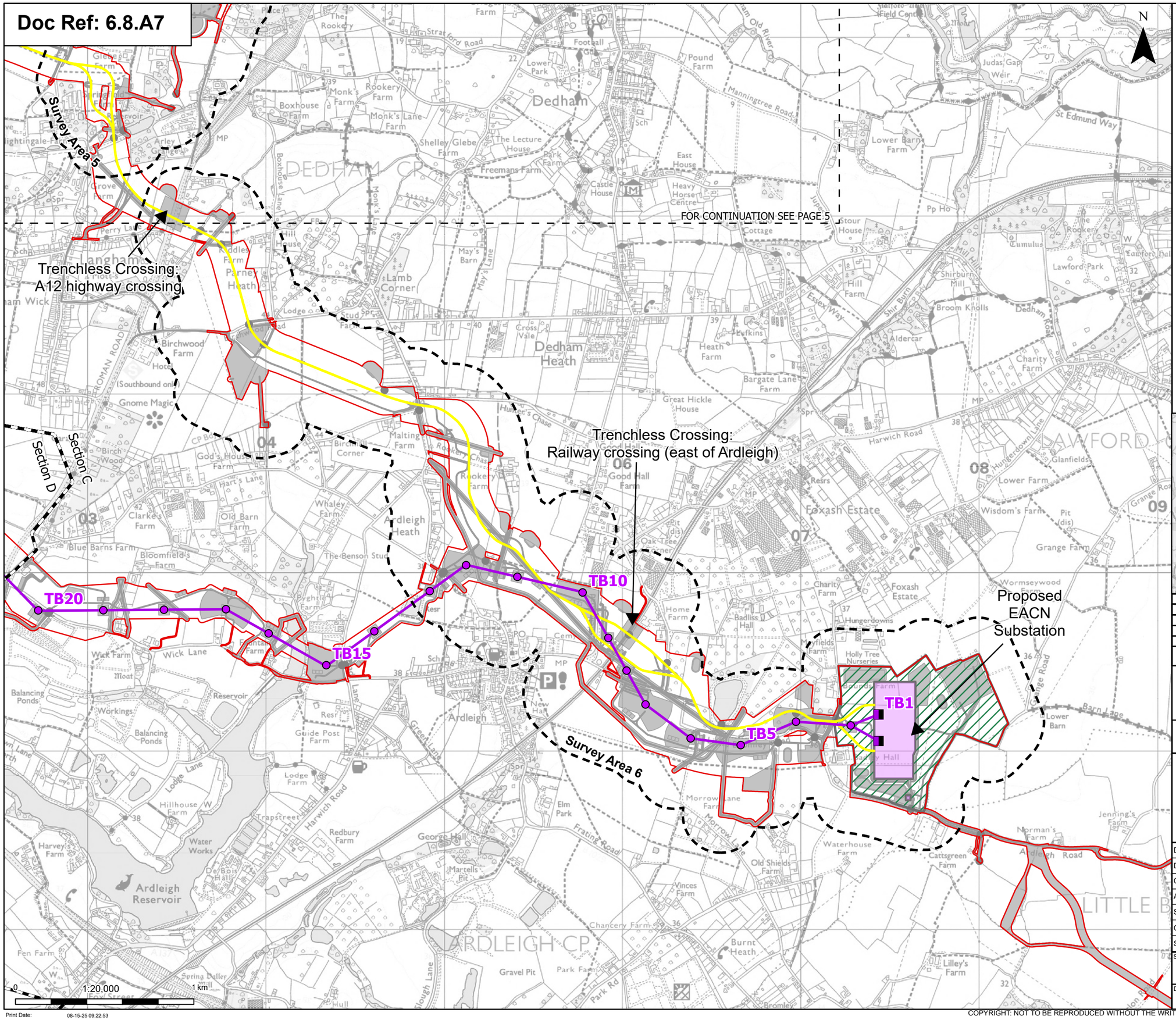
Suitability Description: Accepted as Concept Stage

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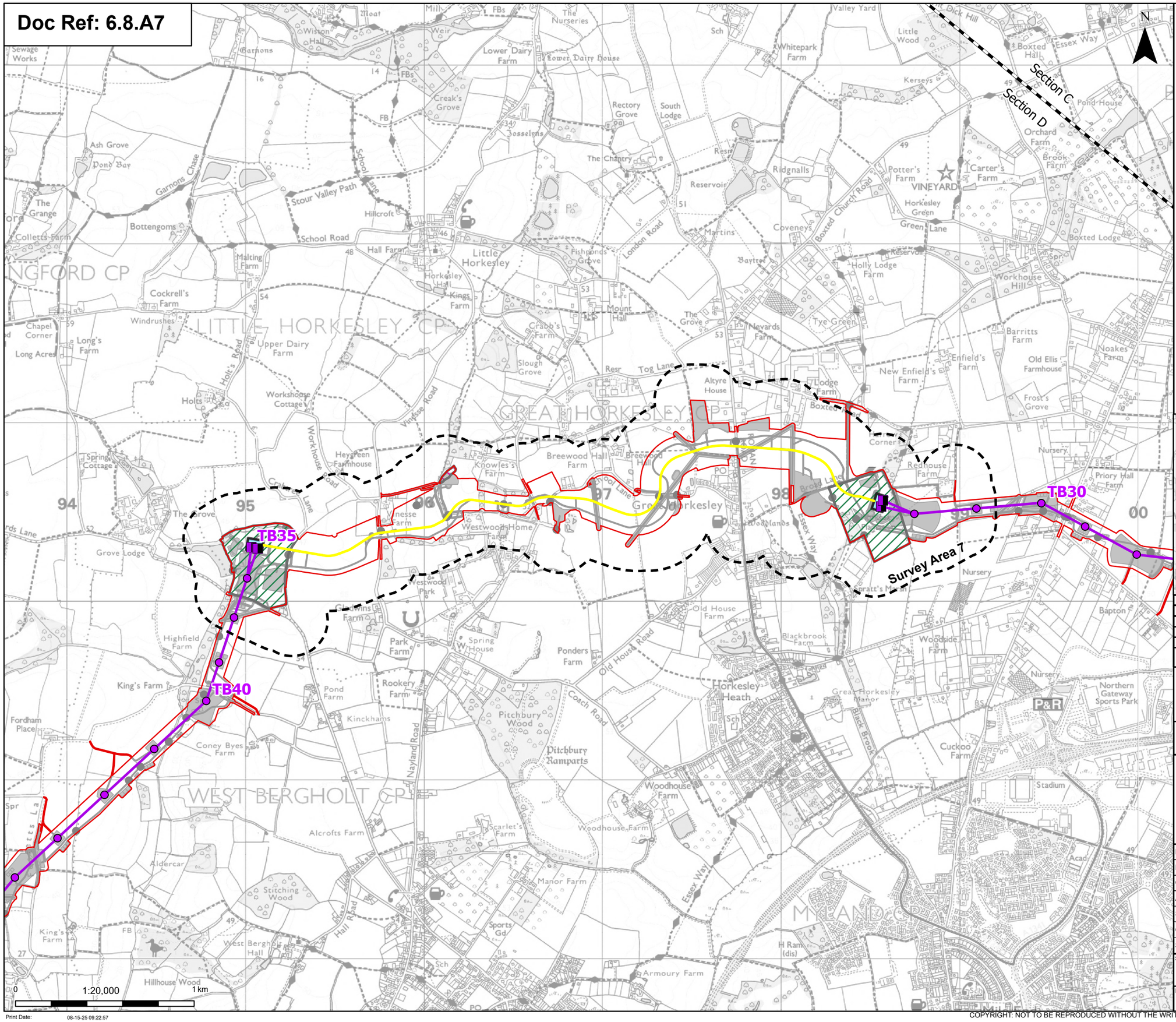
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Survey Area 5
Trenchless Crossing:
A12 highway crossing
FOR CONTINUATION SEE PAGE 5
Trenchless Crossing:
Railway crossing (east of Ardleigh)
Section C
Section D
TB20
TB15
TB10
TB5
TB1
Survey Area 6
Proposed
EACN
Substation
Dedham
DEDHAM CP
Dedham Heath
Ardleigh
ARDLEIGH CP
LAWFORD
LITTLE B
Ardleigh Reservoir
Foxash Estate
Lawford Park
Dedham Road
Essex Way
Harwich Road
Ardleigh Road
Manningtree Road
St Edmund Way
Stratford Road
Lower Park
Monk's Farm
Rookery Farm
Boxhouse Farm
Shelley Glebe Farm
The Lecture House
Park Farm
Freemans Farm
Castle House
East House
Heavy Horse Centre
Lower Barn Farm
Judas Gap Weir
Pound Farm
Old River
Lamb Corner
Parney Heath
Birchwood Farm
Gnome Magic
Malting Farm
Good Hall Farm
Great Hickle House
Bargate Lane Farm
Heath Farm
Hufkins
Aldercar
Broom Knolls
Shirburn Mill
Hill Farm
Charity Farm
Lower Barn
Cumulus
Pp Ho
Stour House
Cottage
Cross Vale
May's Barn
Hunter's Chase
Rookery Chase
Rookery Farm
Whaley Farm
Clarke's Farm
Old Barn Farm
Blue Barns Farm
Bloomfield's Farm
The Benson Stud
Oak Tree Corner
Badliss Hall
Home Farm
Holly Tree Nurseries
Wormseywood Farm
Grange Farm
Wisdom's Farm
Lower Farm
Glanfields
Hungerdowns
Hungerdown Lane
Wick Lane
Wick Farm
Moat
Reservoir
Workings
Balancing Ponds
Lodge Lane
Hillhouse W Farm
Water Works
De Bois Hall
Lodge Farm
Guide Post Farm
Redbury Farm
Traptreet
George Hall
Martells Pit
Frating Road
Elm Park
Morrow Lane
Waterhouse Farm
Old Shields Farm
Cattsgreen Farm
Vinces Farm
Chancery Farm
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Park Farm
Fen Farm
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Fox Street
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Jenning's Farm
Norman's Farm
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Tumulus
Rookery
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Tumulus
Lodge
Cottage
Hill House
Riddles Farm
Boxhouse Lane
Monk's Lane
Arley Cottage
Grove Farm
Perry Lane
Hall Lane
Green Lane
Tough Lane
Park Rd
Bromley
Hall Lane
Lower Barn Lane
Ardleigh Heath
Ardleigh
Foxash Estate
Wick Farm
Wick Lane
Balancing Ponds
Workings
Reservoir
Lodge Lane
Hillhouse W Farm
Water Works
Harvey's Farm
De Bois Hall
Ardleigh Reservoir
Lodge Farm
Guide Post Farm
Redbury Farm
Traptreet
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Frating Road
Elm Park
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Cattsgreen Farm
Vinces Farm
Chancery Farm
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Grove Farm
Perry Lane
Hall Lane
Green Lane
Tough Lane
Park Rd
Bromley
Hall Lane
Lower Barn Lane
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Doc Ref: 6.8.A7



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N

- Order limits
- Project section line

Proposed project design details

- Proposed full line tension gantry
- 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

- Survey areas

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

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

Title:

Figure A8.7.6- Ecology and Biodiversity - Grey Partridge Territory Map
Page 7 of 7

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:20,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description: Accepted as Concept Stage

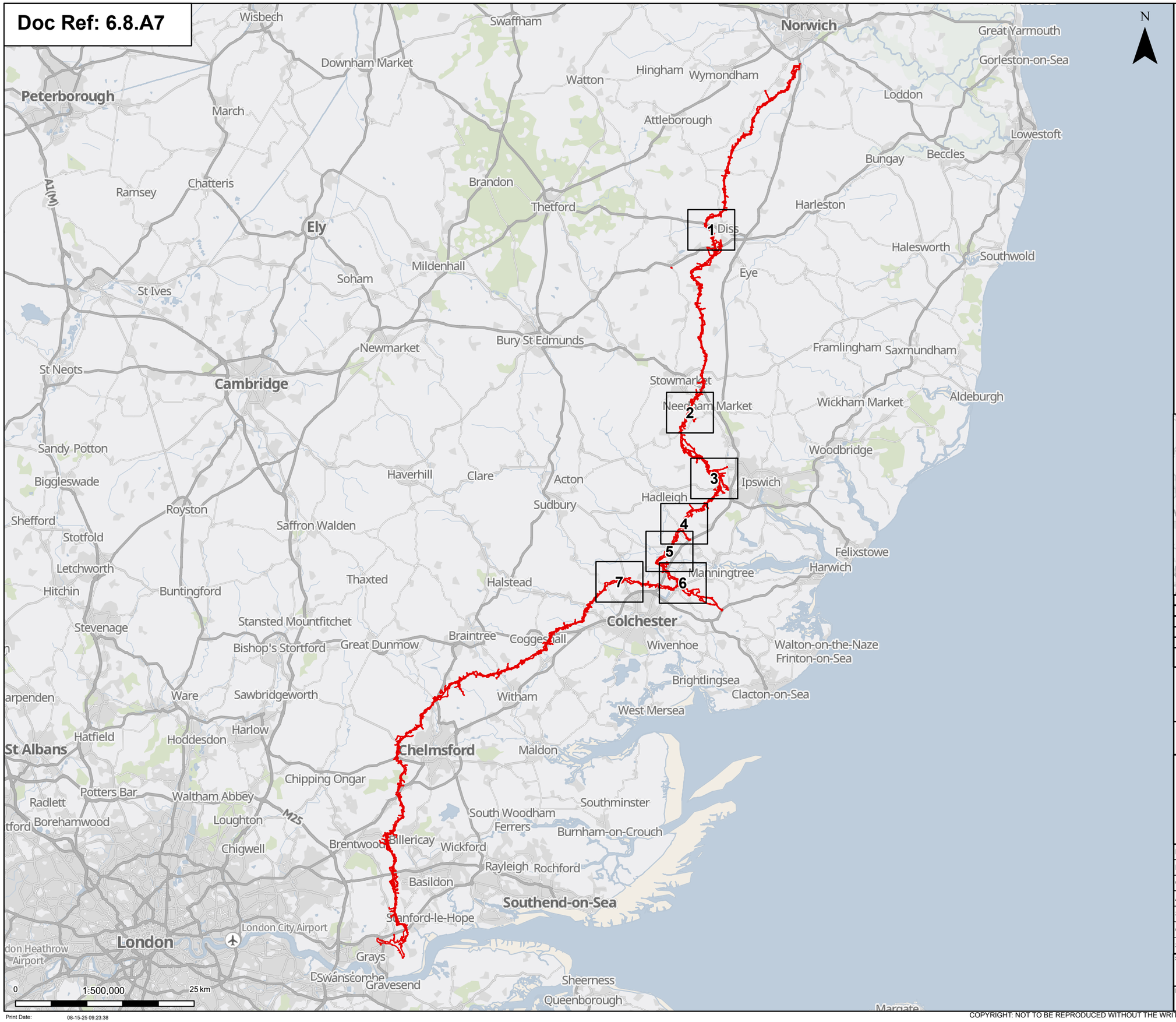
Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00352

Revision: A

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Figure A8.7.7 House Sparrow Territory Map

Doc Ref: 6.8.A7



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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.7.7- Ecology and Biodiversity - House Sparrow Territory Map Overview

Designed	R. Anderton	Date	21 Aug 25
Drawn	M, Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:500,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description: Accepted as Concept Stage

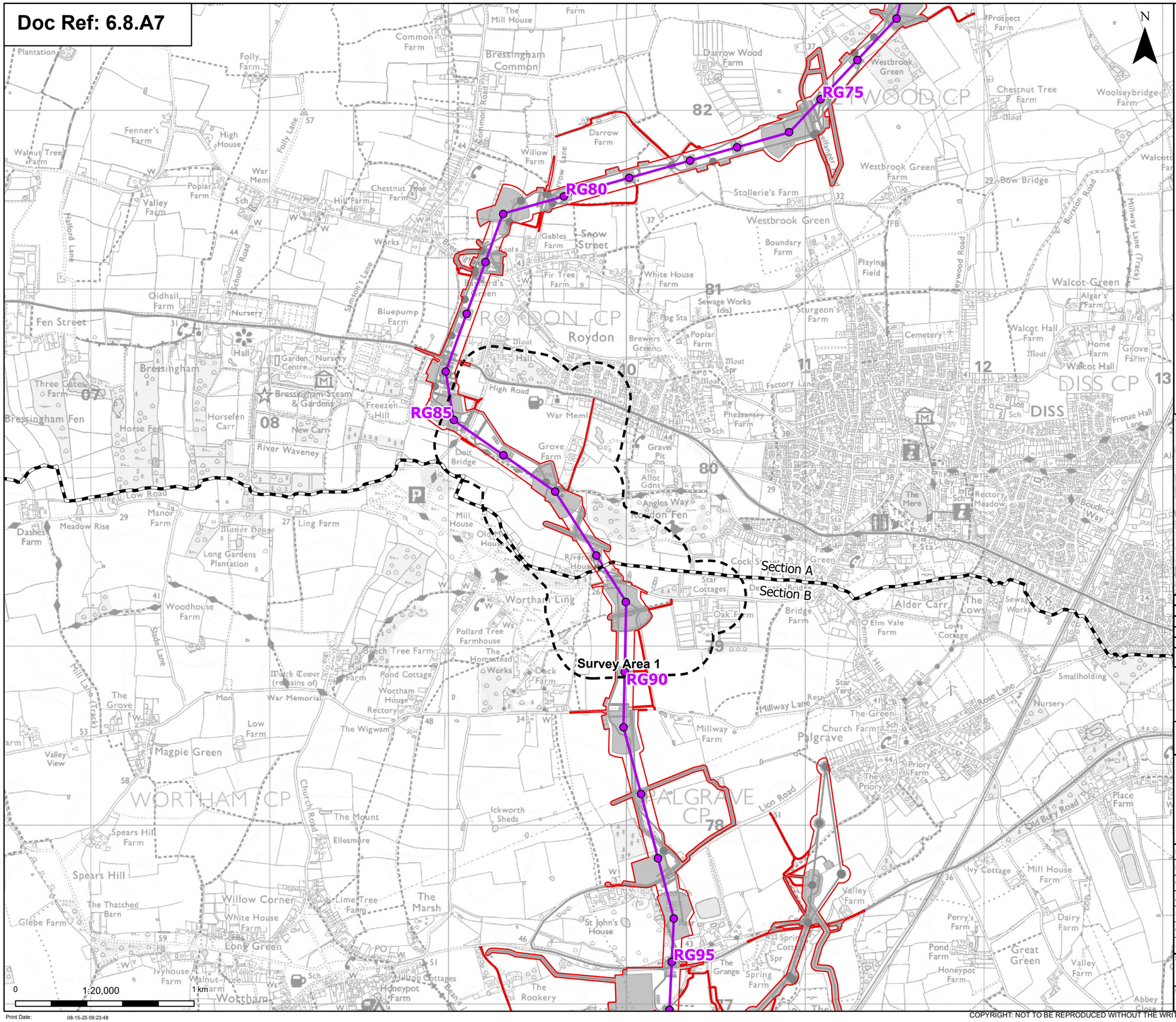
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Order limits

Project section line

Proposed project design details

Proposed standard lattice pylon location

Proposed overhead line alignment

Environmental mitigation

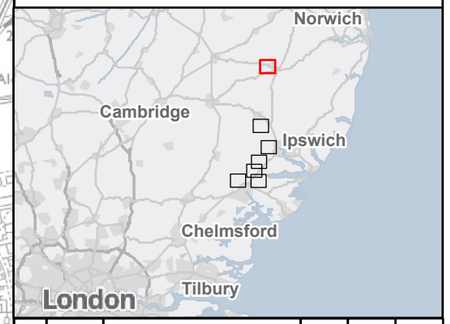
Other temporary and permanent construction and operational works

Discipline specific constraints

Survey areas

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

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

Title:

Figure A8.7.7- Ecology and Biodiversity - House Sparrow Territory Map
Page 1 of 7

Designed	R. Anderton	Date	21 Aug 25
Drawn	M, Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:20,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
Accepted as Concept Stage

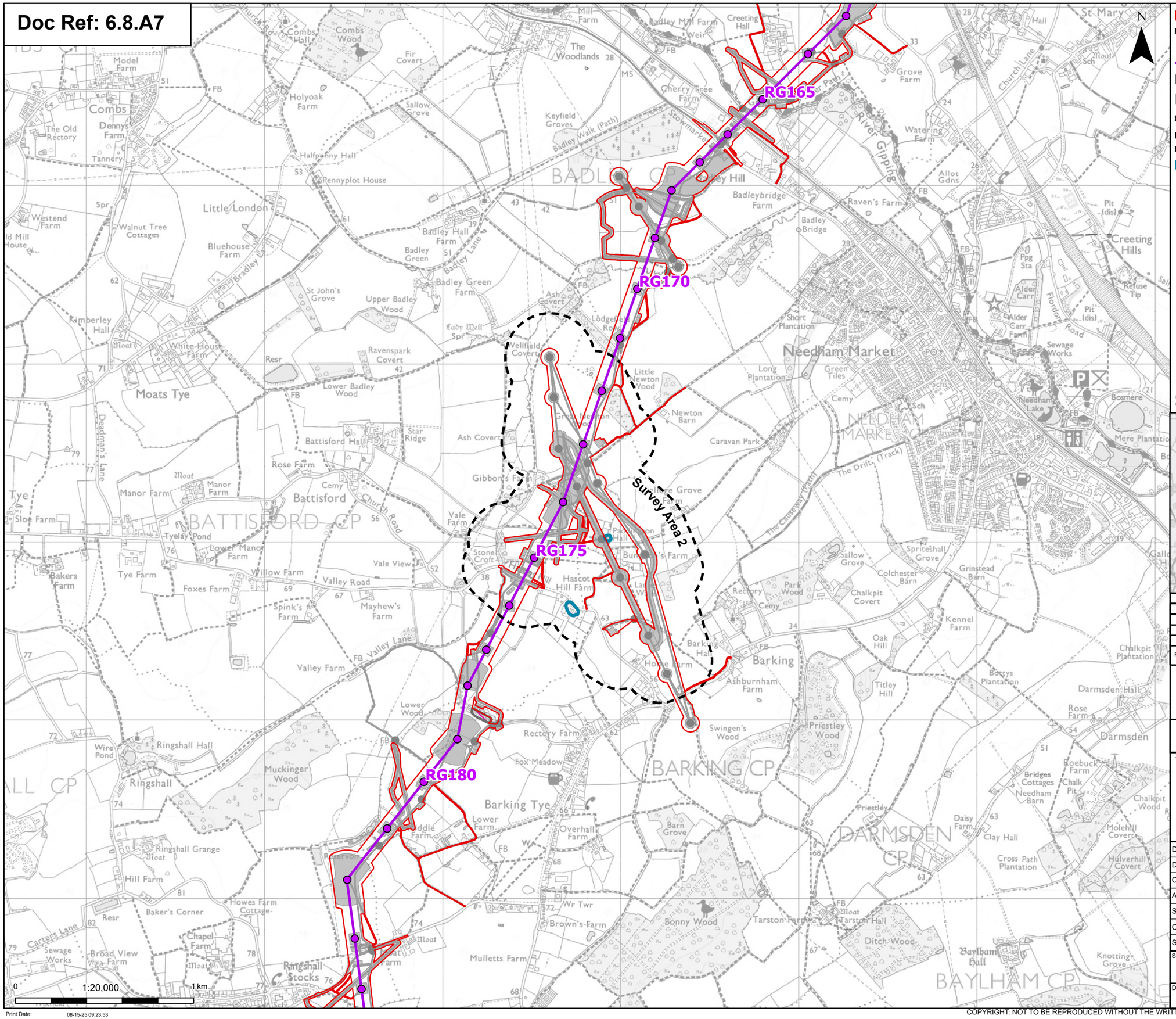
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Order limits

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

Survey areas

Breeding bird territory

Confirmed

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

Planning Inspectorate App Number: EN020027
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Title:

Figure A8.7.7- Ecology and Biodiversity - House Sparrow Territory Map
Page 2 of 7

Designed	R. Anderton	Date	21 Aug 25
Drawn	M, Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:20,000	Datum:	AOD
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-00353

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RG205
RG210
JC1
JC5
JC10
JC15
JC20
Bramford Substation
Proposed substation extension
Survey Area 3
Section B
Section C

N

0 1:20,000 1 km

Print Date: 08-15-25 09:23:58

Order limits
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

Survey areas

Breeding bird territory

Confirmed

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

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

Title:

Figure A8.7.7- Ecology and Biodiversity - House Sparrow Territory Map
Page 3 of 7

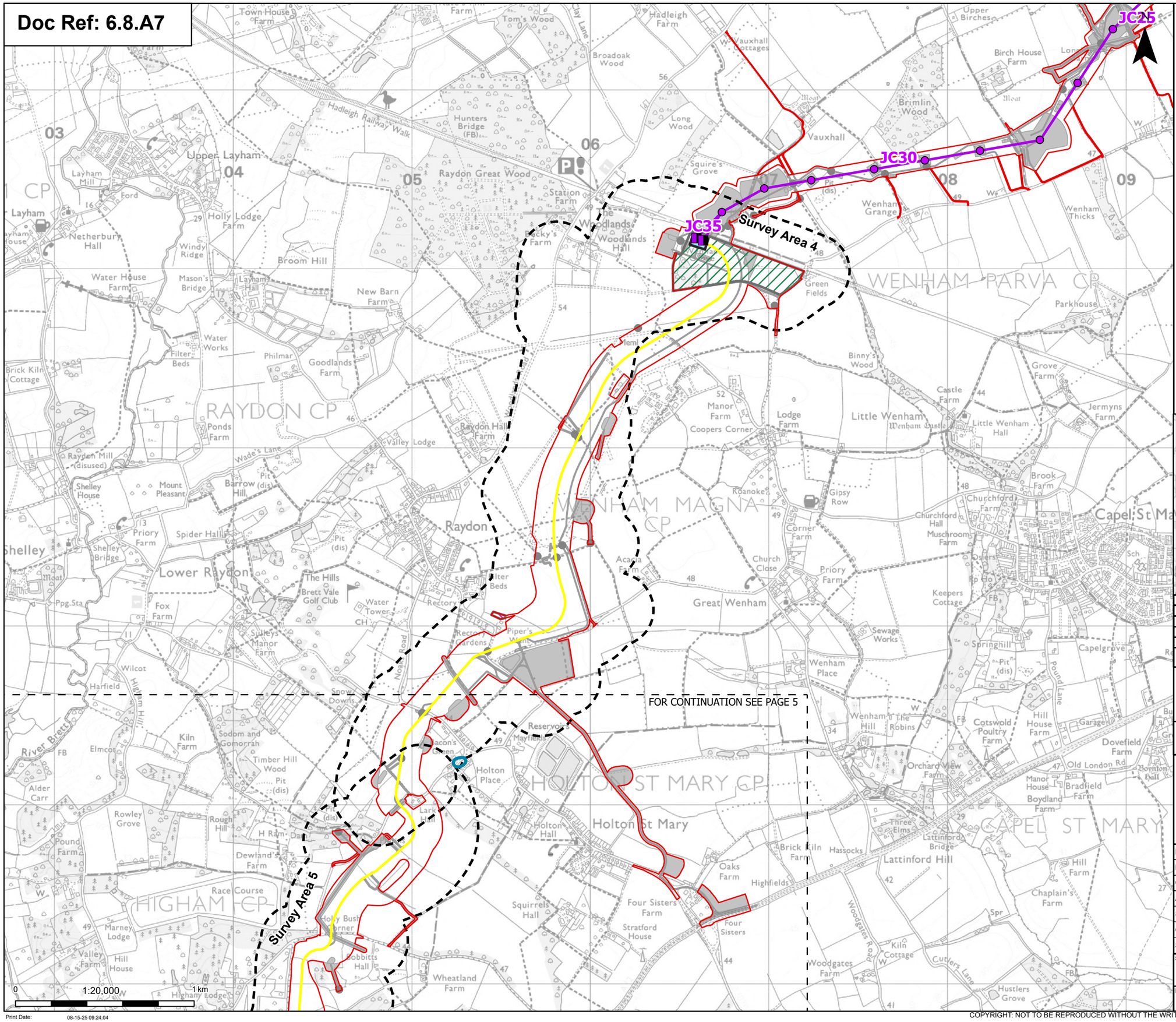
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Drawn	M, Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:20,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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Order limits
Sheet index cutline

Proposed project design details

Proposed full line tension gantry
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

Survey areas

Breeding bird territory

Confirmed

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

Planning Inspectorate App Number: EN020027
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Title:

Figure A8.7.7- Ecology and Biodiversity - House Sparrow Territory Map
Page 4 of 7

Designed	R. Anderton	Date	21 Aug 25
Drawn	M, Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:20,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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Survey Area 4

Survey Area 5

Trenchless Crossing: Higham Road

Trenchless Crossing: River Stour (north part)

Trenchless Crossing: River Stour (south part)

Trenchless Crossing: A12 highway crossing

FOR CONTINUATION SEE PAGE 4

FOR CONTINUATION SEE PAGE 6

0 1:20,000 1 km

N

Order limits

Sheet index cutline

Proposed project design details

Proposed underground cable alignment

Other temporary and permanent construction and operational works

Discipline specific constraints

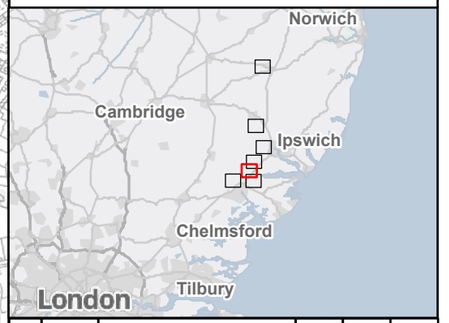
Survey areas

Breeding bird territory

Confirmed

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

Planning Inspectorate App Number: EN020027
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Title:

Figure A8.7.7- Ecology and Biodiversity - House Sparrow Territory Map
Page 5 of 7

Designed	R. Anderton	Date	21 Aug 25
Drawn	M, Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:20,000	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-00353

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Trenchless Crossing:
A12 highway crossing

Trenchless Crossing:
Railway crossing (east of Ardleigh)

Survey Area 5

Survey Area 6

Section C

Section D

TB20

TB15

TB10

TB5

TB1

Proposed
EACN
Substation

FOR CONTINUATION SEE PAGE 5

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Print Date: 08-15-25 09:24:15

- Order limits
- Sheet index cutline
- Project section line

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 (EACN) Substation
- Environmental area
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Survey areas

Breeding bird territory

- Confirmed
- Possible

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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Regulation 5(2)(a)

Title:

Figure A8.7.7- Ecology and Biodiversity -
House Sparrow Territory Map
Page 6 of 7

Designed	R. Anderton	Date	21 Aug 25
Drawn	M, Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:20,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

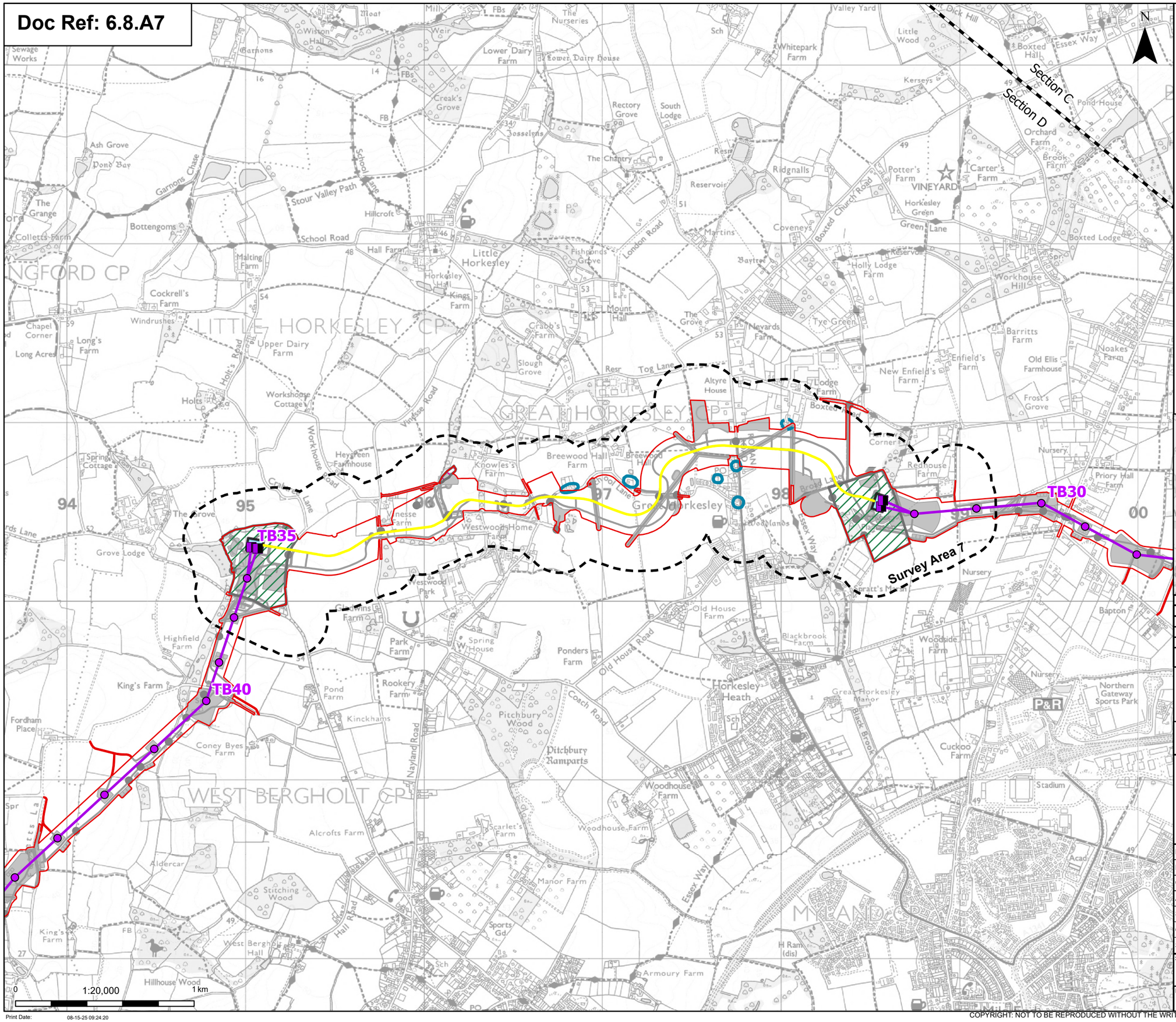
Suitability Description:
Accepted as Concept Stage

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Order limits

Project section line

Proposed project design details

Proposed full line tension gantry

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

Survey areas

Breeding bird territory

Confirmed

Possible

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

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

Title:

Figure A8.7.7- Ecology and Biodiversity - House Sparrow Territory Map
Page 7 of 7

Designed	R. Anderton	Date	21 Aug 25
Drawn	M, Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:20,000	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-00353

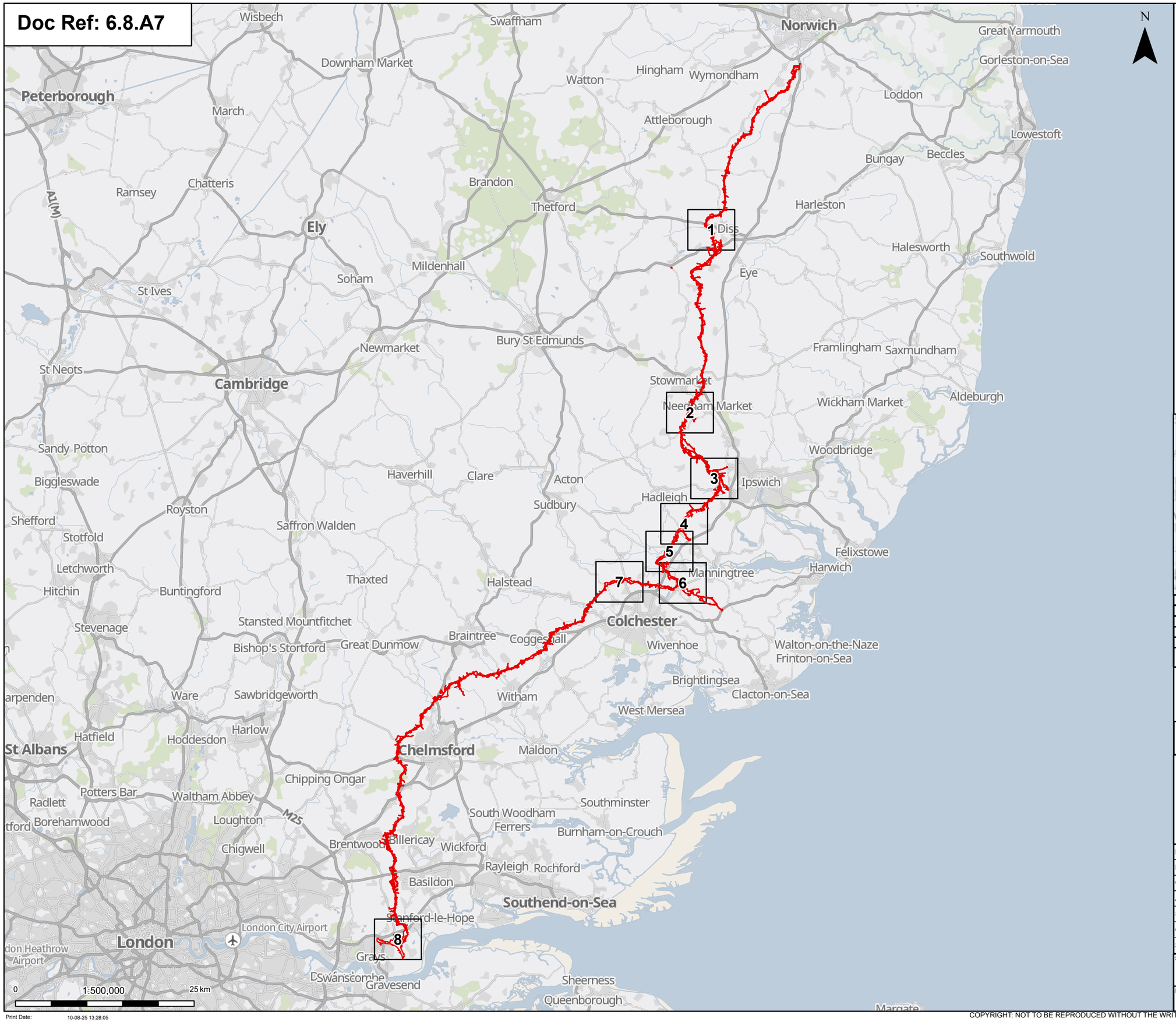
Revision: A

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Figure A8.7.8 Linnet Territory Map (Rev B)

Doc Ref: 6.8.A7



Rev	Date	Description	Drawn	Check	Approv
B	Oct 2025	FOR DCO APPLICATION	KF	AF	KB
A	Aug 2025	FOR DCO APPLICATION	MP	AF	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.7.8- Ecology and Biodiversity - Linnet Territory Map Overview

Designed	R. Anderton	Date	October 25
Drawn	K. Fischer	Date	October 25
Checked	A. Fell	Date	October 25
Approved	K. Burrows	Date	October 25
Scale:	1:500,000	Datum:	AOD
Original Size:	A3	Grid:	OS
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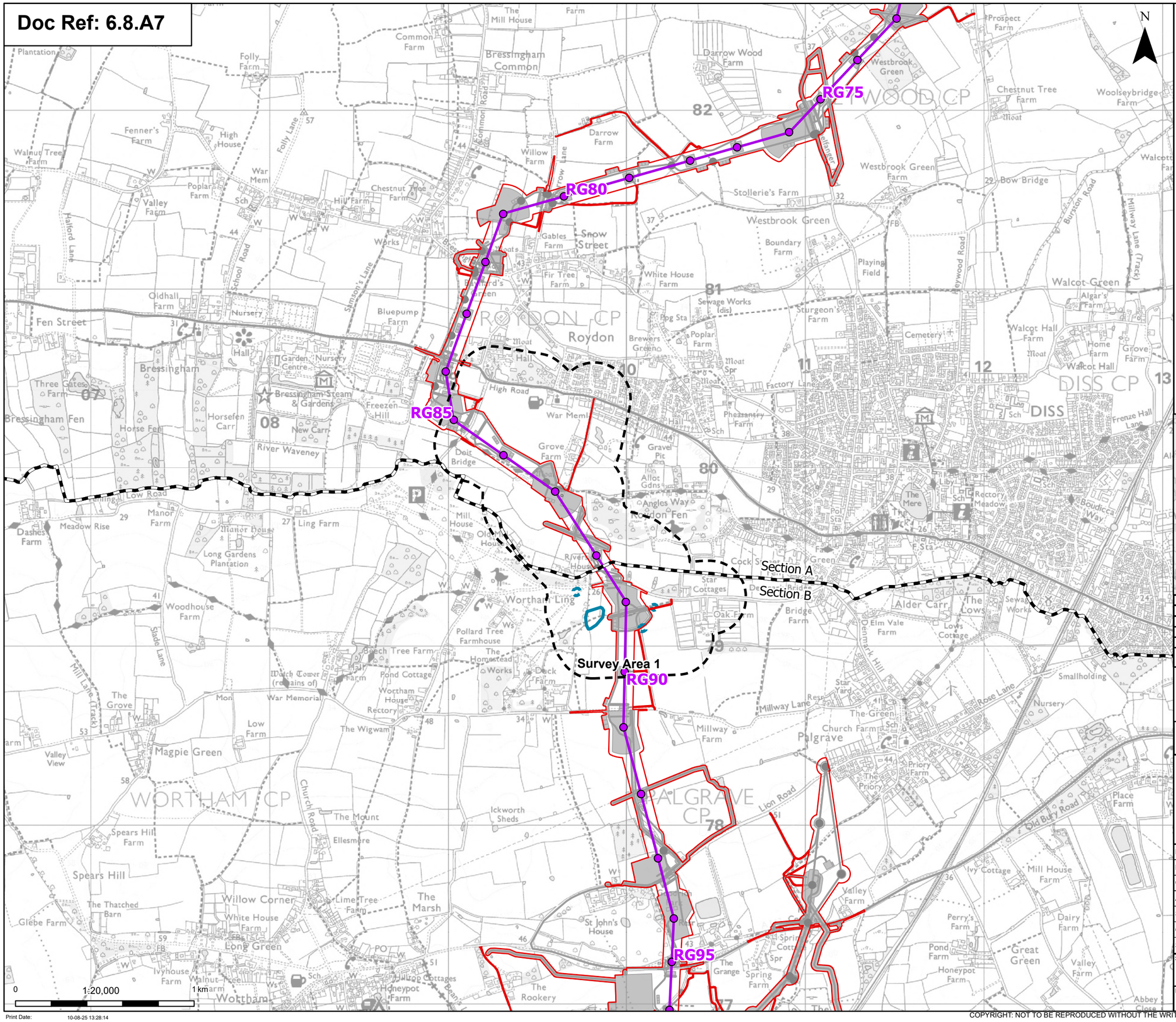
Suitability Description:
Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00354

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Print Date: 10-08-25 13:28:14

- Order limits
- 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

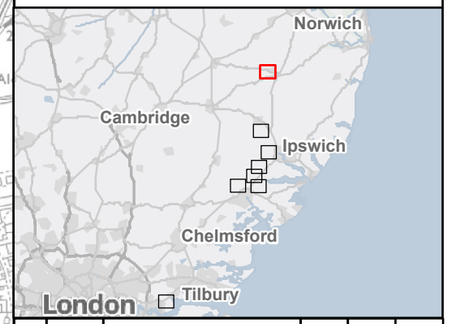
- Survey areas

Breeding bird territory

- Confirmed
- Possible

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 2025	FOR DCO APPLICATION	MP	AF	KB

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Regulation 5(2)(a)

Title:

Figure A8.7.8- Ecology and Biodiversity - Linnet Territory Map
Page 1 of 8

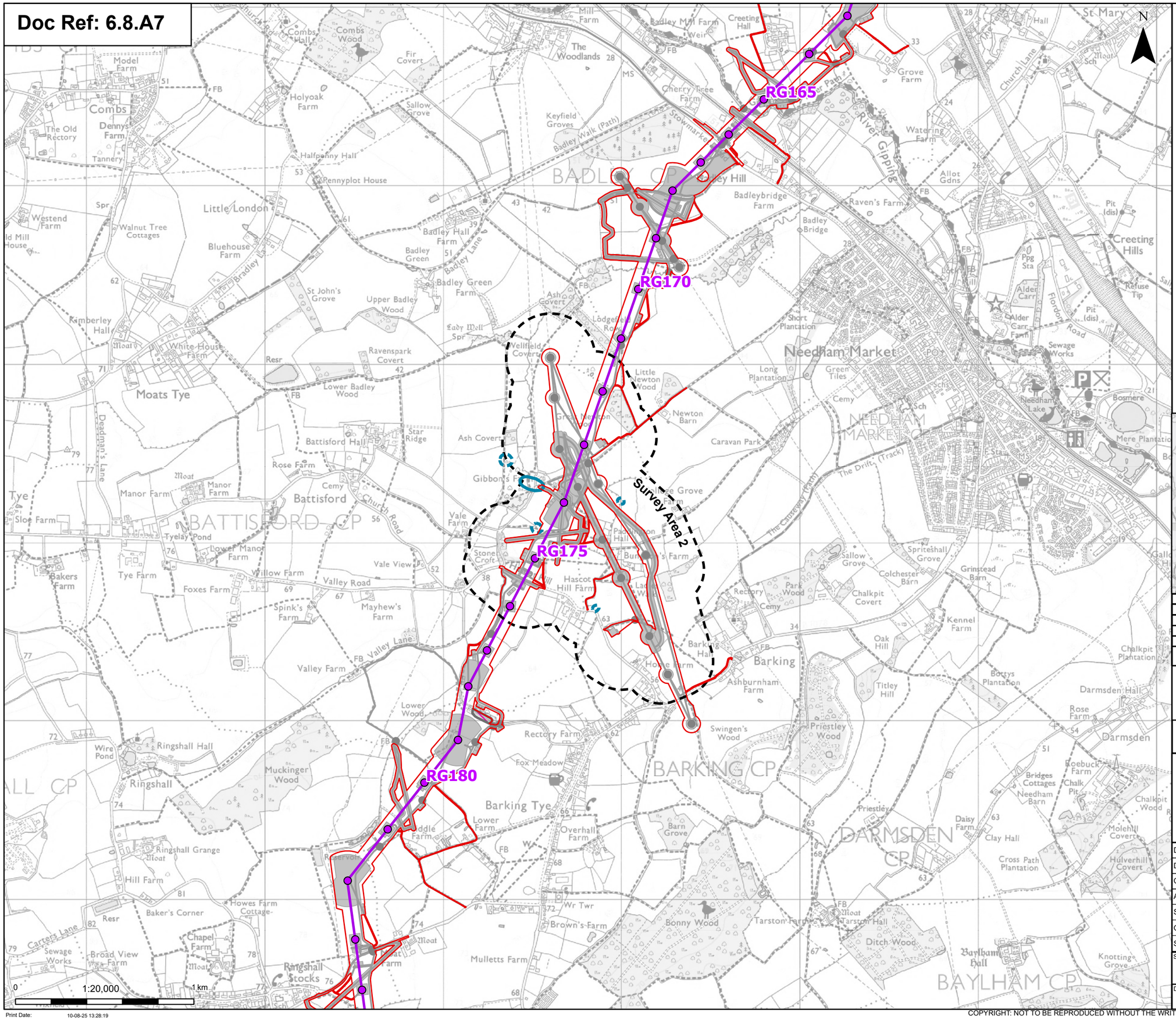
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Drawn	K. Fischer	Date	October 25
Checked	A. Fell	Date	October 25
Approved	K. Burrows	Date	October 25
Scale:	1:20,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00354
Revision: B

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Order limits

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

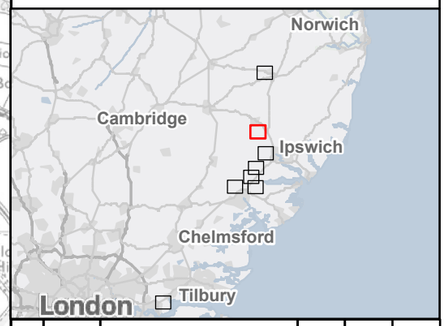
- Survey areas

Breeding bird territory

- Confirmed
- Possible

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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B	Oct 2025	FOR DCO APPLICATION	KF	AF	KB
A	Aug 2025	FOR DCO APPLICATION	MP	AF	KB

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PROJECT:
Norwich to Tilbury

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

Title:

Figure A8.7.8- Ecology and Biodiversity - Linnet Territory Map
Page 2 of 8

Designed	R. Anderton	Date	October 25
Drawn	K. Fischer	Date	October 25
Checked	A. Fell	Date	October 25
Approved	K. Burrows	Date	October 25
Scale:	1:20,000	Datum:	AOD
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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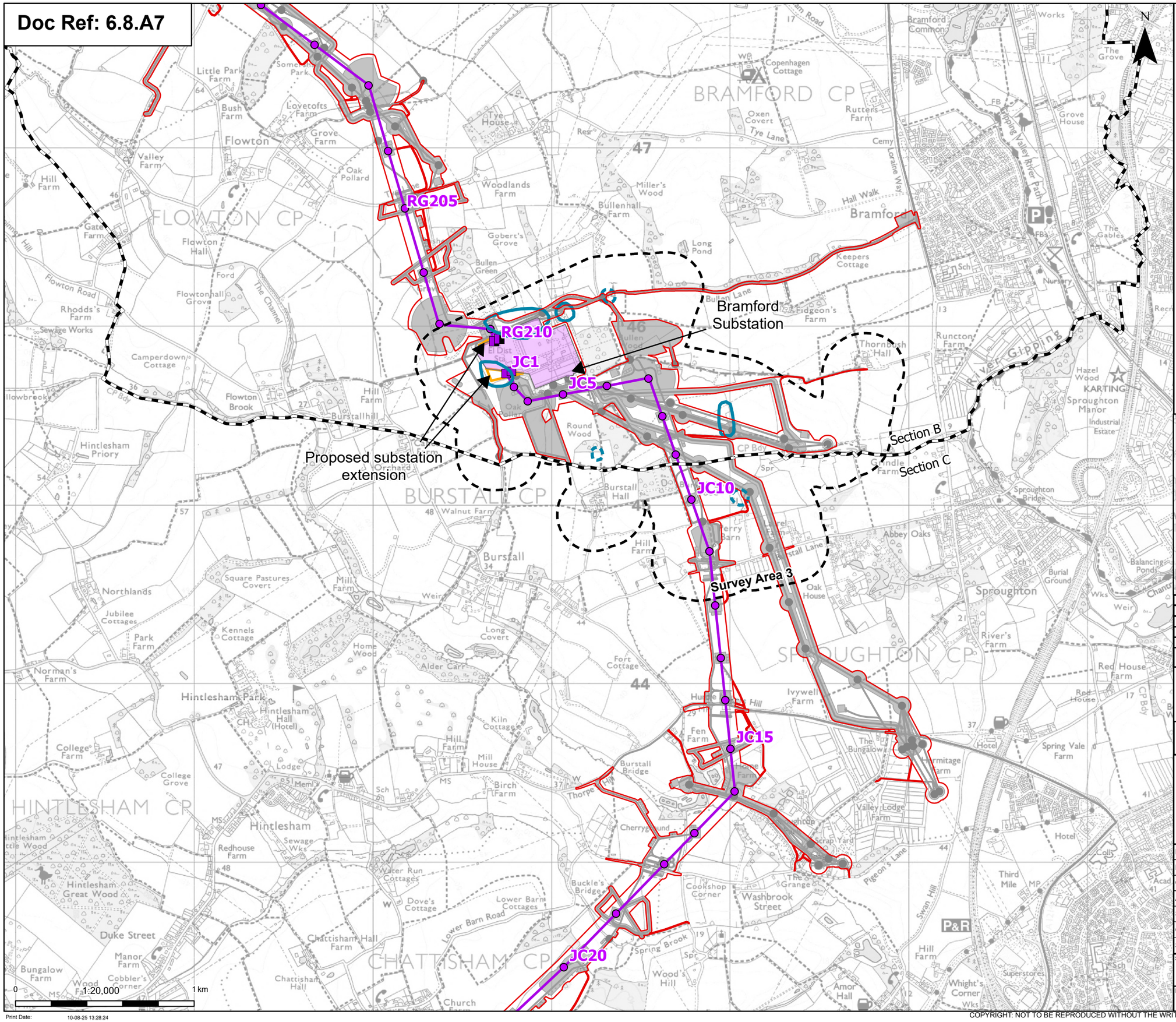
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Revision: B

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- Order limits
- 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

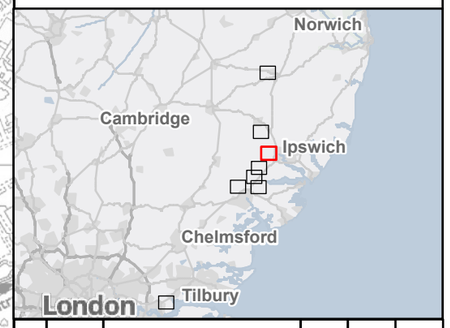
- Survey areas

Breeding bird territory

- Confirmed
- Possible

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

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

Title:

Figure A8.7.8- Ecology and Biodiversity - Linnet Territory Map
Page 3 of 8

Designed	R. Anderton	Date	October 25
Drawn	K. Fischer	Date	October 25
Checked	A. Fell	Date	October 25
Approved	K. Burrows	Date	October 25
Scale:	1:20,000	Datum:	AOD
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Suitability Code:	A2	Project Number:	10059280

Suitability Description: Accepted as Concept Stage

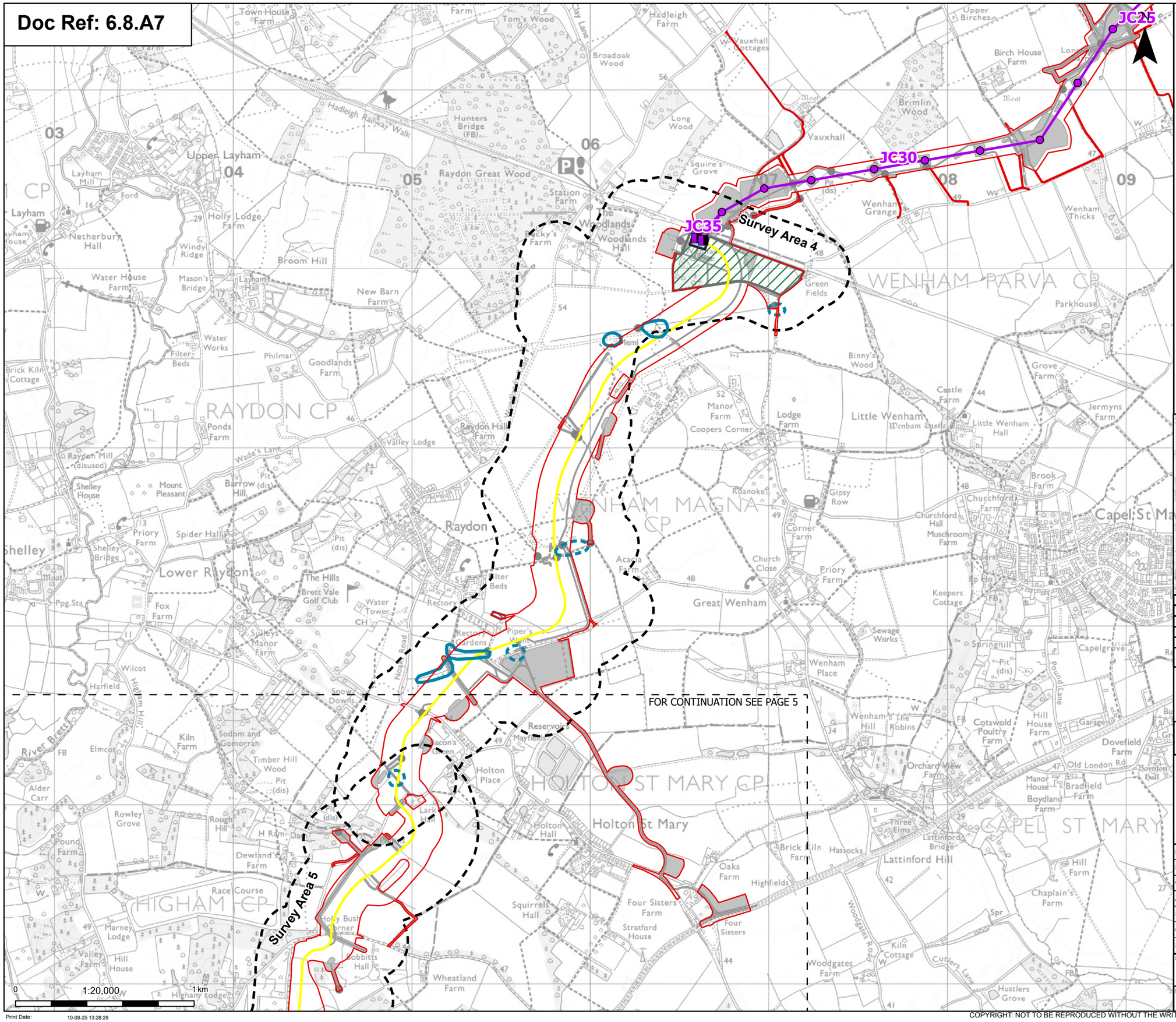
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Order limits
Sheet index cutline

Proposed project design details

Proposed full line tension gantry
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

Survey areas

Breeding bird territory

Confirmed
Possible

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

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

Title:

Figure A8.7.8- Ecology and Biodiversity - Linnet Territory Map
Page 4 of 8

Designed	R. Anderton	Date	October 25
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Approved	K. Burrows	Date	October 25
Scale:	1:20,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

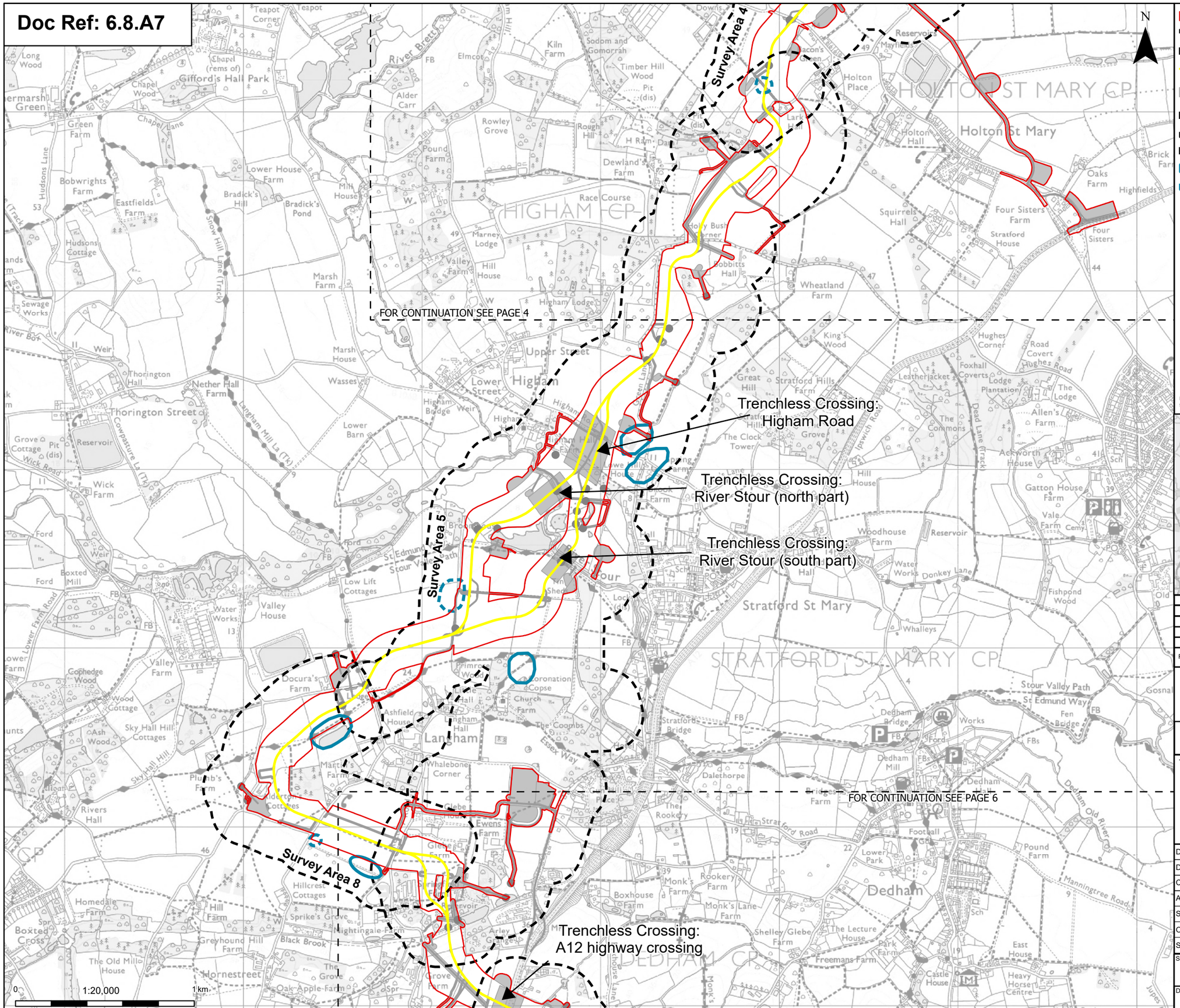
Suitability Description:
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Revision: B

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.7.8- Ecology and Biodiversity - Linnet Territory Map
Page 5 of 8

Designed	R. Anderton	Date	October 25
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Approved	K. Burrows	Date	October 25
Scale:	1:20,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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Survey Area 8

Survey Area 5

Trenchless Crossing:
A12 highway crossing

FOR CONTINUATION SEE PAGE 5

Trenchless Crossing:
Railway crossing (east of Ardleigh)

TB20

TB15

TB10

TB5

TB1

Proposed
EACN
Substation

Survey Area 6

Section C

Section D

N

0 1:20,000 1 km

Print Date: 10-08-25 13:28:37

Legend

- Order limits
- Sheet index cutline
- Project section line

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 (EACN) Substation
- Environmental area
- Other temporary and permanent construction and operational works

Discipline specific constraints

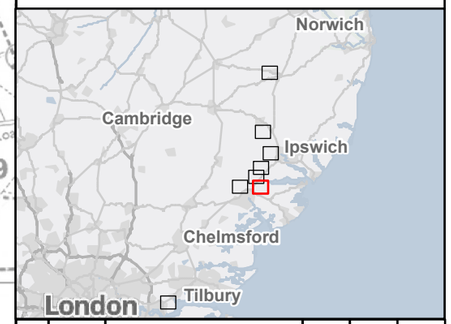
- Survey areas

Breeding bird territory

- Confirmed
- Possible

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

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

Title:

Figure A8.7.8- Ecology and Biodiversity - Linnet Territory Map
Page 6 of 8

Designed	R. Anderton	Date	October 25
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Scale:	1:20,000	Datum:	AOD
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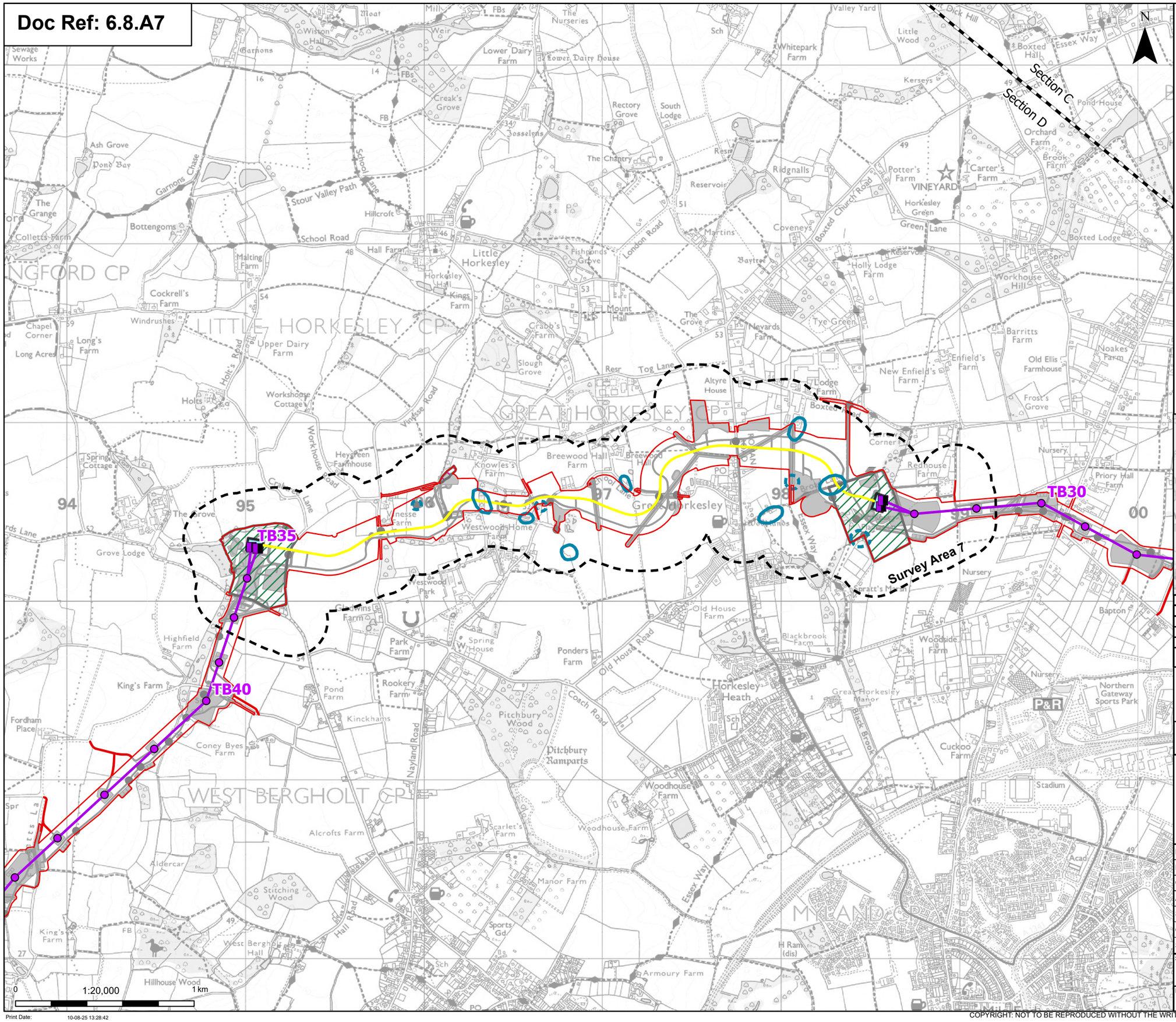
Suitability Description:
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Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00354

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- Order limits
- Project section line

Proposed project design details

- Proposed full line tension gantry
- 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

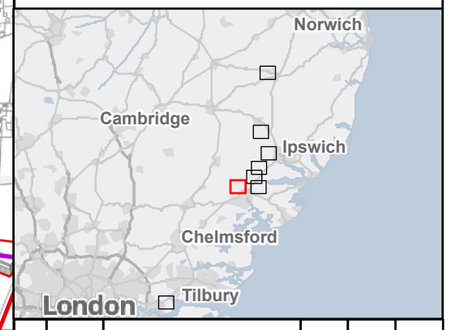
- Survey areas

Breeding bird territory

- Confirmed
- Possible

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

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

Title:

Figure A8.7.8- Ecology and Biodiversity - Linnet Territory Map
Page 7 of 8

Designed	R. Anderton	Date	October 25
Drawn	K. Fischer	Date	October 25
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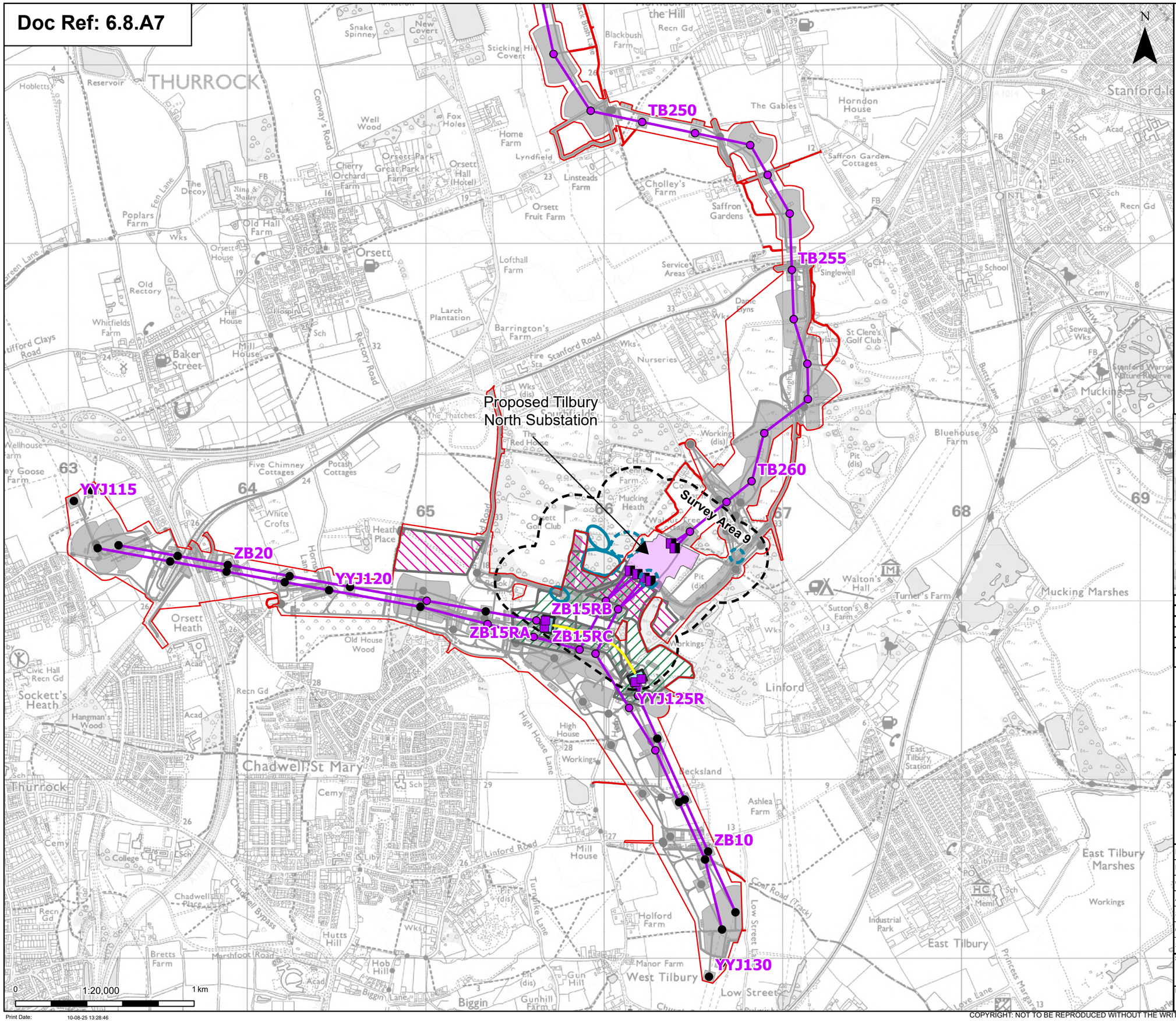
Suitability Description: Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00354

Revision: B

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- Order limits

Proposed project design details

- Proposed full line tension gantry
- Proposed low duty gantry
- 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

- Survey areas

Breeding bird territory

- Confirmed
- Possible

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

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

Title:

Figure A8.7.8- Ecology and Biodiversity - Linnet Territory Map
Page 8 of 8

Designed	R. Anderton	Date	October 25
Drawn	K. Fischer	Date	October 25
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Scale:	1:20,000	Datum:	AOD
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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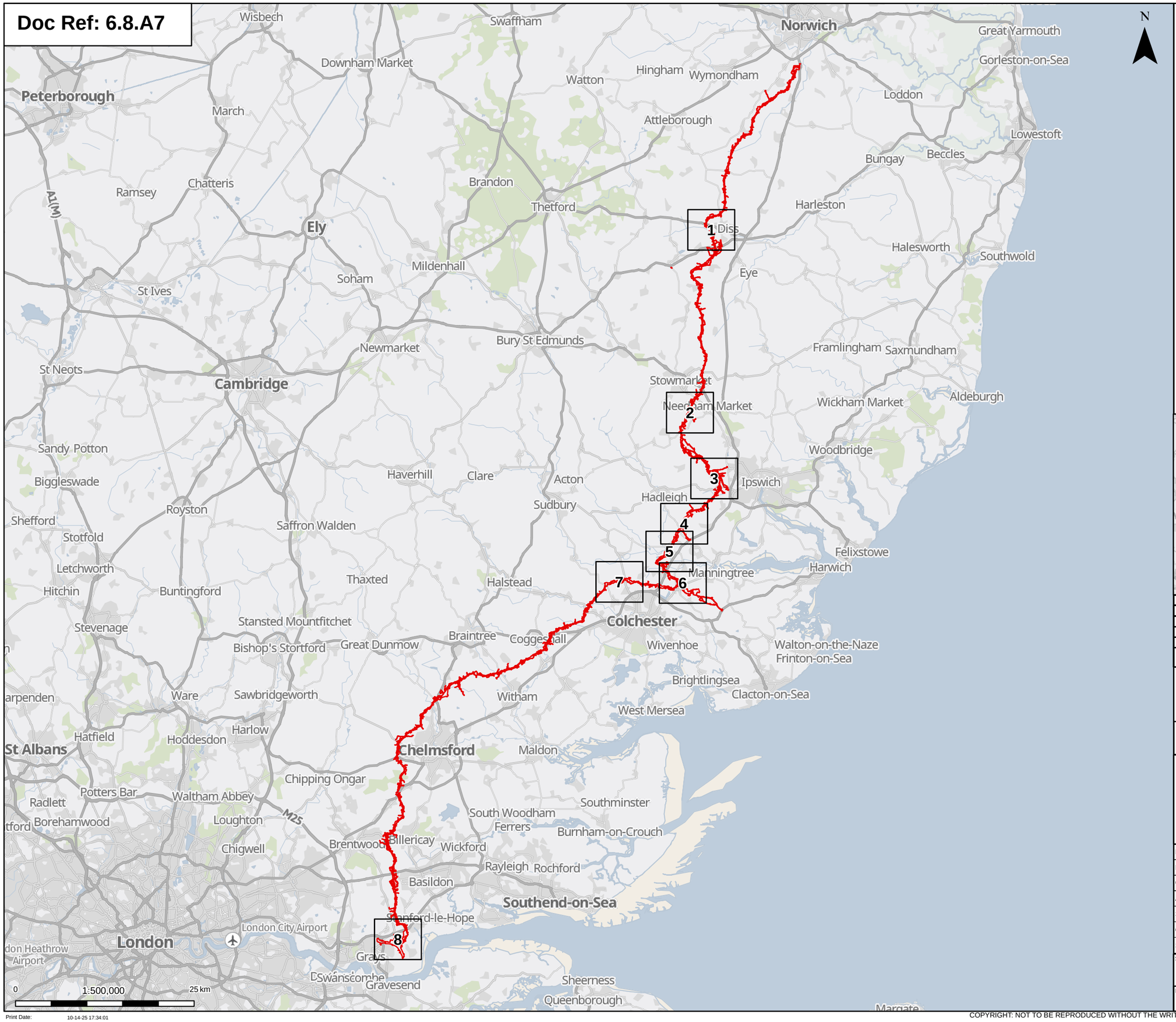
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Revision: B

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Figure A8.7.9 Mistle Thrush Territory Map (Rev B)

Doc Ref: 6.8.A7



Rev	Date	Description	Drawn	Check	Approv
B	Oct 2025	FOR DCO APPLICATION	RE	AD	KB
A	Aug 2025	FOR DCO APPLICATION	MP	AD	KB

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.7.9- Ecology and Biodiversity- Mistle Thrush Territory Map Overview

Designed	R. Anderton	Date	October 25
Drawn	R. Ebenezer	Date	October 25
Checked	A. Dethe	Date	October 25
Approved	K. Burrows	Date	October 25
Scale:	1:500,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
Accepted as Concept Stage

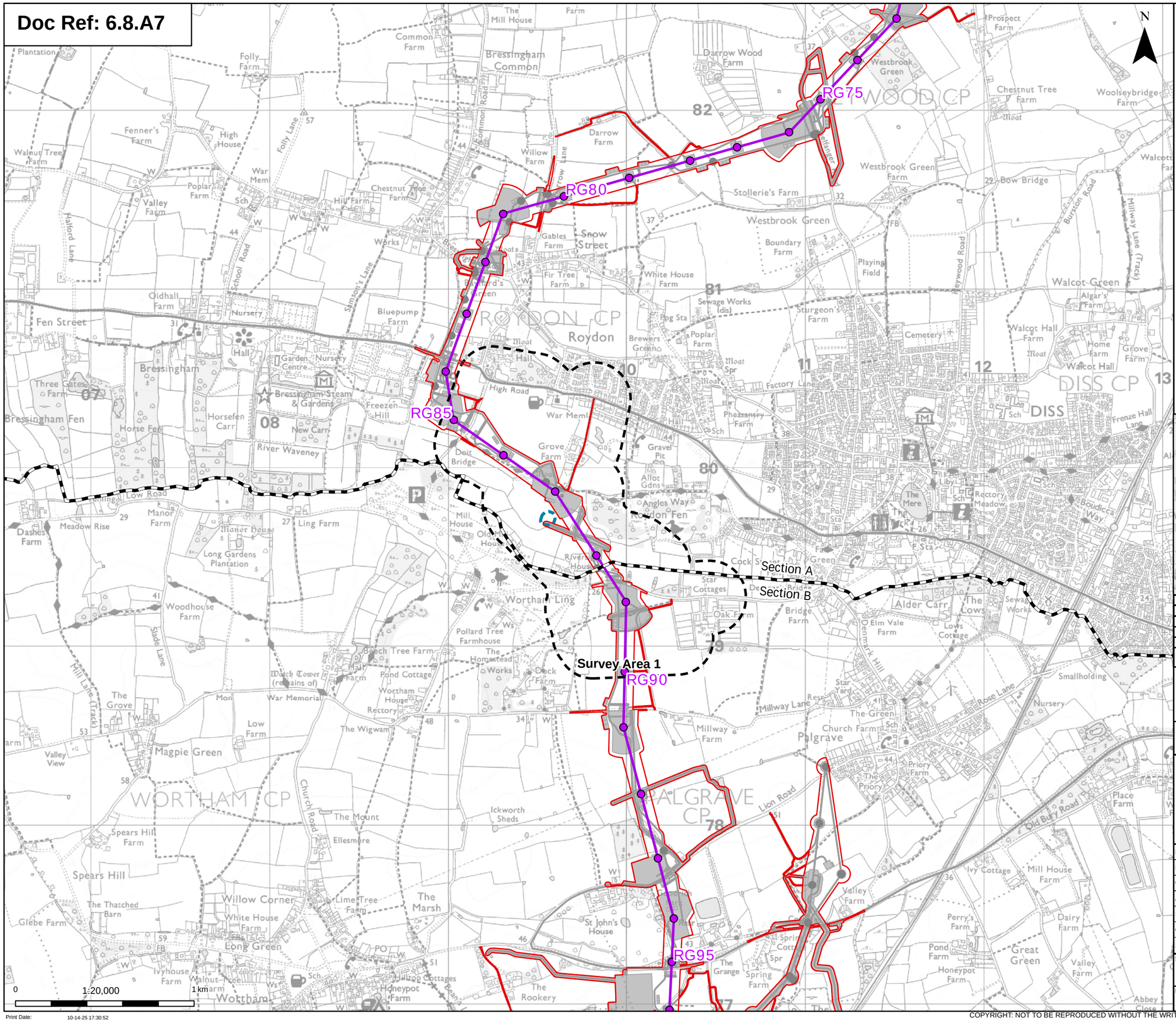
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RG75
RG80
RG85
RG90
RG95
Survey Area 1
Section A
Section B
ROYDON CP
WORTHAM CP
PALGRAVE CP
DISS CP
ELMWOOD CP
Roydon
Wortham
Palgrave
Diss
Bressingham
Bressingham Common
Fen Street
Magpie Green
Spears Hill
Willow Corner
Long Green
Westbrook Green
Walcot Green
Stollerie's Farm
Darrow Wood Farm
Darrow Farm
Snow Street
Roydon Fen
Angles Way
Meadow Rise
Ling Low Road
Ling Farm
Manor Farm
Manor House
Long Gardens Plantation
Woodhouse Farm
Beech Tree Farm
Pond Cottage
Wortham House
Rectory
Church Road
Mill Lane (Track)
Slade Lane
Lion Road
Old Bury Road
Millway Lane
Rose Lane
Mill House Farm
Dairy Farm
Great Green
Valley Farm
Perry's Farm
Pond Farm
Honeypot Farm
Spring Farm
The Grange
St John's House
The Rookery
Ickworth Sheds
Ivy Cottage
Alder Carr
Elm Vale Farm
Denmark Hill
Smallholding
Nursery
Priory Farm
Church Farm
Millway Farm
Sturgeon's Farm
Boundary Farm
Playing Field
Cemetery
Walcot Hall
Algar's Farm
Home Farm
Grove Farm
Chestnut Tree Farm
Woolseybridge Farm
Prospect Farm
Westbrook Green Farm
Bow Bridge
Burston Road
Millway Lane (Track)
Frenze Hall Lane
Factory Lane
Pheasantry Farm
Gravel Pit
Allot Gdns
Doit Bridge
Grove Farm
Gables Farm
Fir Tree Farm
White House Farm
Brewers Green
Poplar Farm
Moat Spr
Sewage Works (dis)
Pgg Sta
Bluepump Farm
Oldhall Farm
Nursery
Hall
Garden Centre
Bressingham Steam & Gardens
Freezen Hill
Horsefen Carr
New Carr
River Waveney
Three Gates Farm
Bressingham Fen
Horse Fen
Valley Farm
Poplar Farm
Hill Farm
Chestnut Tree Farm
Halford Lane
Simton's Lane
School Road
Folly Lane
Common Road
Willow Farm
Darrow Farm
Fenner's Farm
High House
War Mem
Walnut Tree Farm
Plantation
Folly Farm
The Mill House
Farm
Common Farm
Dashes Farm
Mill House
Old House
River House
Star Cottages
Oak Farm
Bridge Farm
The Lows
Lows Cottage
Sewage Works
Cock's Green
Worthan Ling
Pollard Tree Farmhouse
The Homestead
Works
Duck Farm
Watch Tower (remains of)
War Memorial
The Wigwam
The Grove
Valley View
Low Farm
Mon
Hall Farm
Spears Hill Farm
The Thatched Barn
Glebe Farm
White House Farm
Lime Tree Farm
The Marsh
Ellesmere
The Mount
Ivyhouse Farm
Walnut Tree Farm
Honeypot Farm
Hall
Sch
Pub
Post Office
PO
Liby
Rectory Meadow
Boudica Way
The Mere
F Sta
Pol Sta
Gas Sta
Star Yard
The Green
The Priory
Lodge
Cottages
Barn
Farm
Works
Nursery
Centre
Gardens
Steam
Pond
Spr
Cott
Hall
Meadow
Way
Lane
Road
Hill
Green
Carr
Fen
Bridge
Gate
Close
Place
Grove
Home
Algar's
Walcot
Frenze
Hall
Lane
Burston
Bow
Woolseybridge
Chestnut
Prospect
Westbrook
Darrow
Stollerie's
Boundary
Playing
Field
Cemetery
Sturgeon's
Sewage
Works
Pgg
Sta
Brewers
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Lane
Pheasantry
Gravel
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Allot
Gdns
Doit
Bridge
Grove
Gables
Fir
Tree
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Snow
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Darrow
Willow
Common
Road
Folly
Lane
Fenner's
High
House
War
Mem
Walnut
Tree
Plantation
Folly
Farm
The
Mill
House
Farm
Common
Farm
Bressingham
Common
Darrow
Wood
Farm
Westbrook
Green
Prospect
Farm
Chestnut
Tree
Farm
Woolseybridge
Farm
Moat
Bow
Bridge
Burston
Road
Millway
Lane
(Track)
Walcot
Green
Algar's
Farm
Home
Farm
Grove
Farm
Walcot
Hall
Moat
Cemetery
Playing
Field
Boundary
Farm
Sturgeon's
Farm
Sewage
Works
(dis)
Pgg
Sta
Brewers
Green
Poplar
Farm
Moat
Spr
Factory
Lane
Pheasantry
Farm
Gravel
Pit
Allot
Gdns
Doit
Bridge
Grove
Farm
Gables
Farm
Fir
Tree
Farm
White
House
Farm
Snow
Street
Darrow
Farm
Willow
Farm
Common
Road
Folly
Lane
Fenner's
Farm
High
House
War
Mem
Walnut
Tree
Farm

Doc Ref: 6.8.A7

RG165

RG170

RG175

RG180

Survey Area 2

N

0 1:20,000 1 km

Print Date: 10-14-25 17:30:58

- Order limits

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

- Survey areas

Breeding bird territory

- Confirmed

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

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

Title:

Figure A8.7.9- Ecology and Biodiversity-
Mistle Thrush Territory Map
Page 2 of 8

Designed	R. Anderton	Date	October 25
Drawn	R. Ebenezer	Date	October 25
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Suitability Code:	A2	Project Number:	10059280

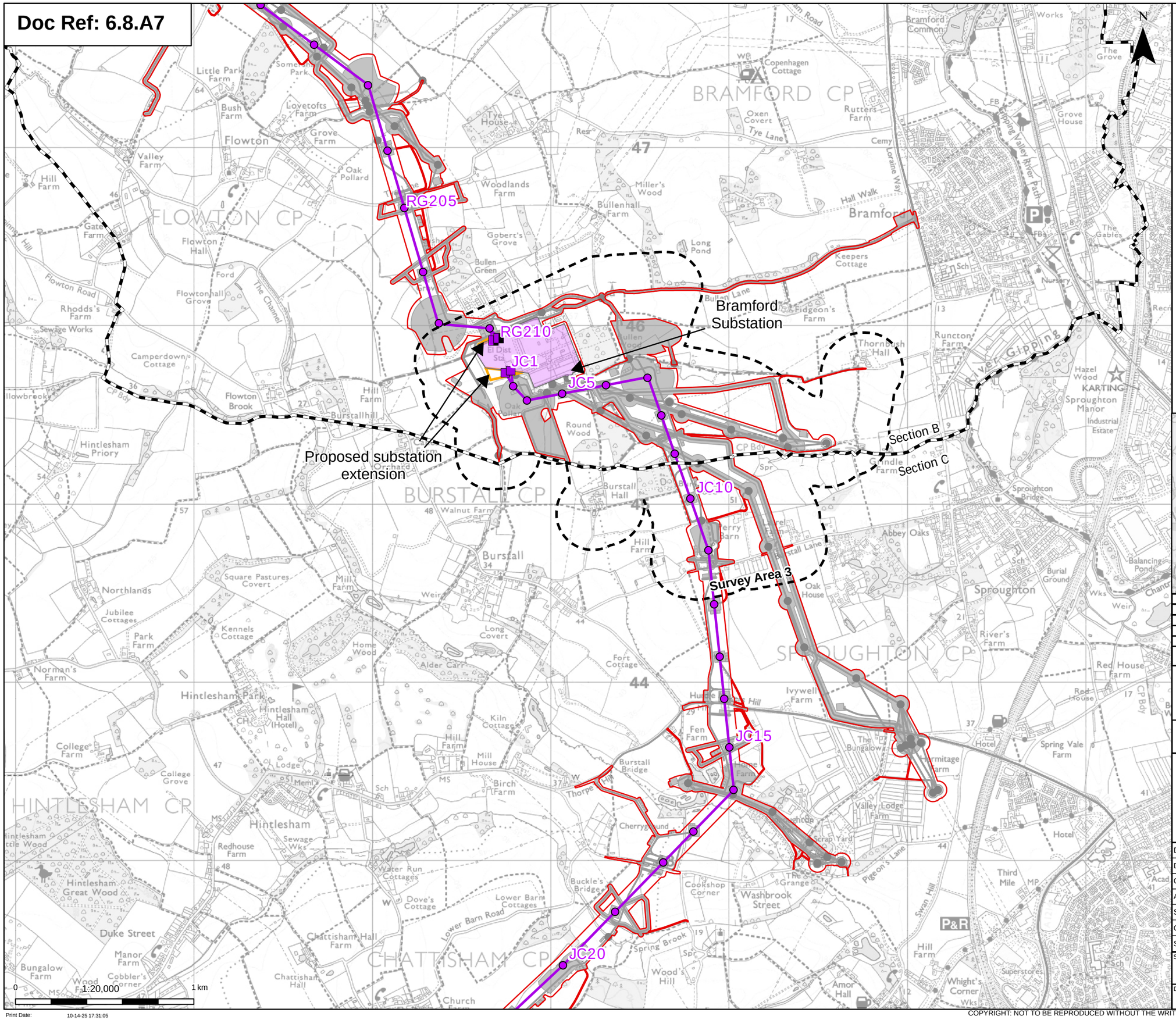
Suitability Description:
Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00355

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- Order limits
- Project section line

Proposed project design details

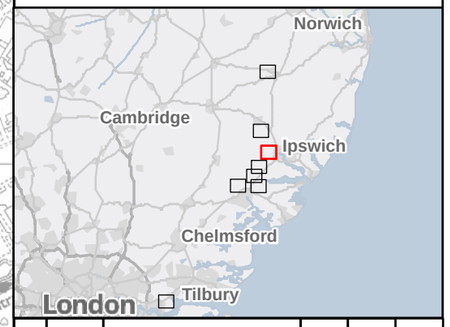
- Proposed full line tension gantry
- Proposed low duty gantry
- Proposed standard lattice pylon location
- Proposed overhead line alignment
- Bramford Substation
- Bramford Substation Extension
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Survey areas

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

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

Title:

Figure A8.7.9- Ecology and Biodiversity- Mistle Thrush Territory Map
Page 3 of 8

Designed	R. Anderton	Date	October 25
Drawn	R. Ebenezer	Date	October 25
Checked	A. Dethe	Date	October 25
Approved	K. Burrows	Date	October 25
Scale:	1:20,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

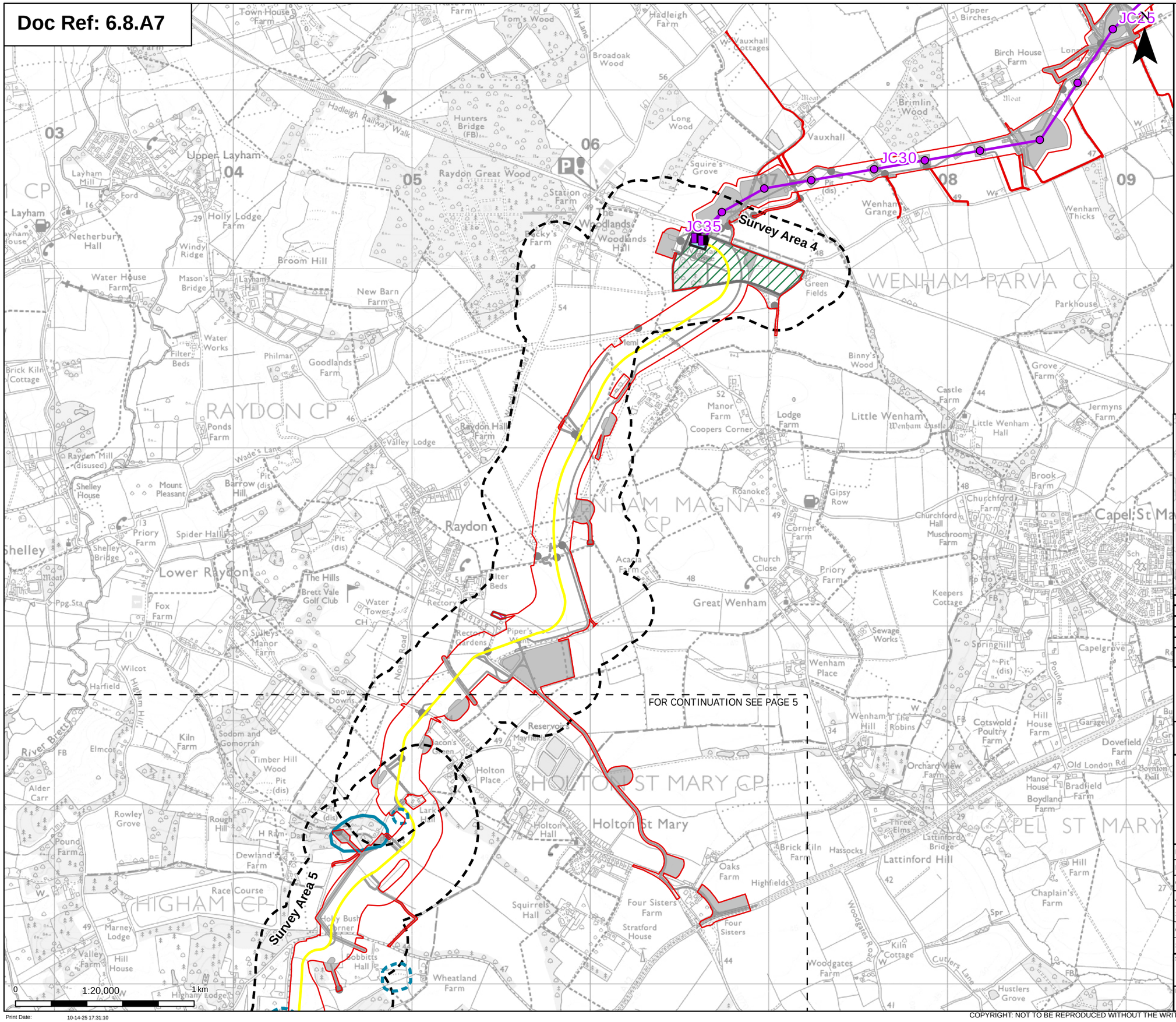
Suitability Description:
Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00355

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Order limits

Sheet index cutline

Proposed project design details

- Proposed full line tension gantry
- 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

- Survey areas

Breeding bird territory

- Confirmed
- Possible

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

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

Title:

Figure A8.7.9- Ecology and Biodiversity- Mistle Thrush Territory Map
Page 4 of 8

Designed	R. Anderton	Date	October 25
Drawn	R. Ebenezer	Date	October 25
Checked	A. Dethe	Date	October 25
Approved	K. Burrows	Date	October 25
Scale:	1:20,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
Accepted as Concept Stage

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Trenchless Crossing: Higham Road

Trenchless Crossing: River Stour (north part)

Trenchless Crossing: River Stour (south part)

Trenchless Crossing: A12 highway crossing

Survey Area 4

Survey Area 5

Survey Area 8

FOR CONTINUATION SEE PAGE 4

FOR CONTINUATION SEE PAGE 6

0 1:20,000 1 km

Print Date: 10-14-25 17:31:15

N

Order limits

Sheet index cutline

Proposed project design details

Proposed underground cable alignment

Other temporary and permanent construction and operational works

Discipline specific constraints

Survey areas

Breeding bird territory

Confirmed

Possible

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

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

Title:

Figure A8.7.9- Ecology and Biodiversity- Mistle Thrush Territory Map
Page 5 of 8

Designed	R. Anderton	Date	October 25
Drawn	R. Ebenezer	Date	October 25
Checked	A. Dethe	Date	October 25
Approved	K. Burrows	Date	October 25
Scale:	1:20,000	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-00355

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Survey Area 8

Survey Area 5

Trenchless Crossing:
A12 highway crossing

FOR CONTINUATION SEE PAGE 5

Trenchless Crossing:
Railway crossing (east of Ardleigh)

Survey Area 6

Proposed
EACN
Substation

TB1

TB5

TB10

TB15

TB20

Section C

Section D

N

0 1:20,000 1 km

Print Date: 10-14-25 17:31:21

- Order limits
- Sheet index cutline
- Project section line

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 (EACN) Substation
- Environmental area
- Other temporary and permanent construction and operational works

Discipline specific constraints

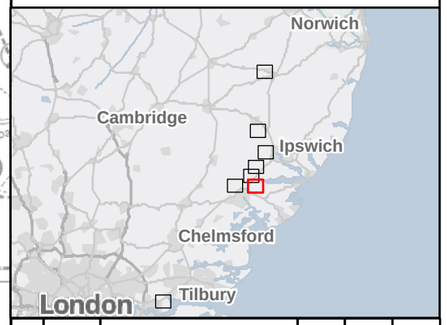
- Survey areas

Breeding bird territory

- Possible

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

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

Title:

Figure A8.7.9- Ecology and Biodiversity-
Mistle Thrush Territory Map
Page 6 of 8

Designed	R. Anderton	Date	October 25
Drawn	R. Ebenezer	Date	October 25
Checked	A. Dethe	Date	October 25
Approved	K. Burrows	Date	October 25
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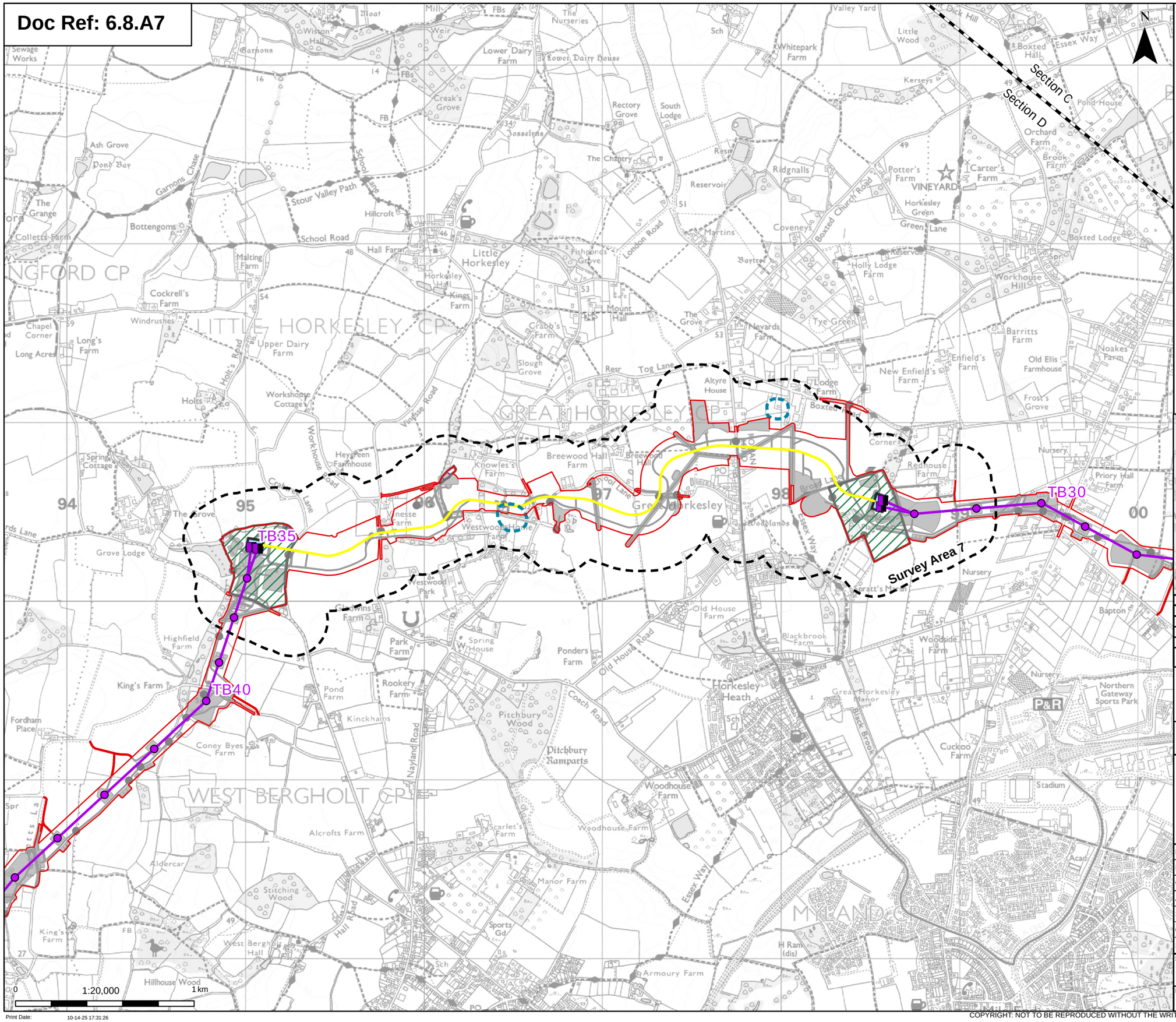
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Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00355

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- Order limits
- Project section line

Proposed project design details

- Proposed full line tension gantry
- 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

- Survey areas

Breeding bird territory

- Possible

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

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

Title:

Figure A8.7.9- Ecology and Biodiversity- Mistle Thrush Territory Map
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Designed	R. Anderton	Date	October 25
Drawn	R. Ebenezer	Date	October 25
Checked	A. Dethe	Date	October 25
Approved	K. Burrows	Date	October 25
Scale:	1:20,000	Datum:	AOD
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:
Accepted as Concept Stage

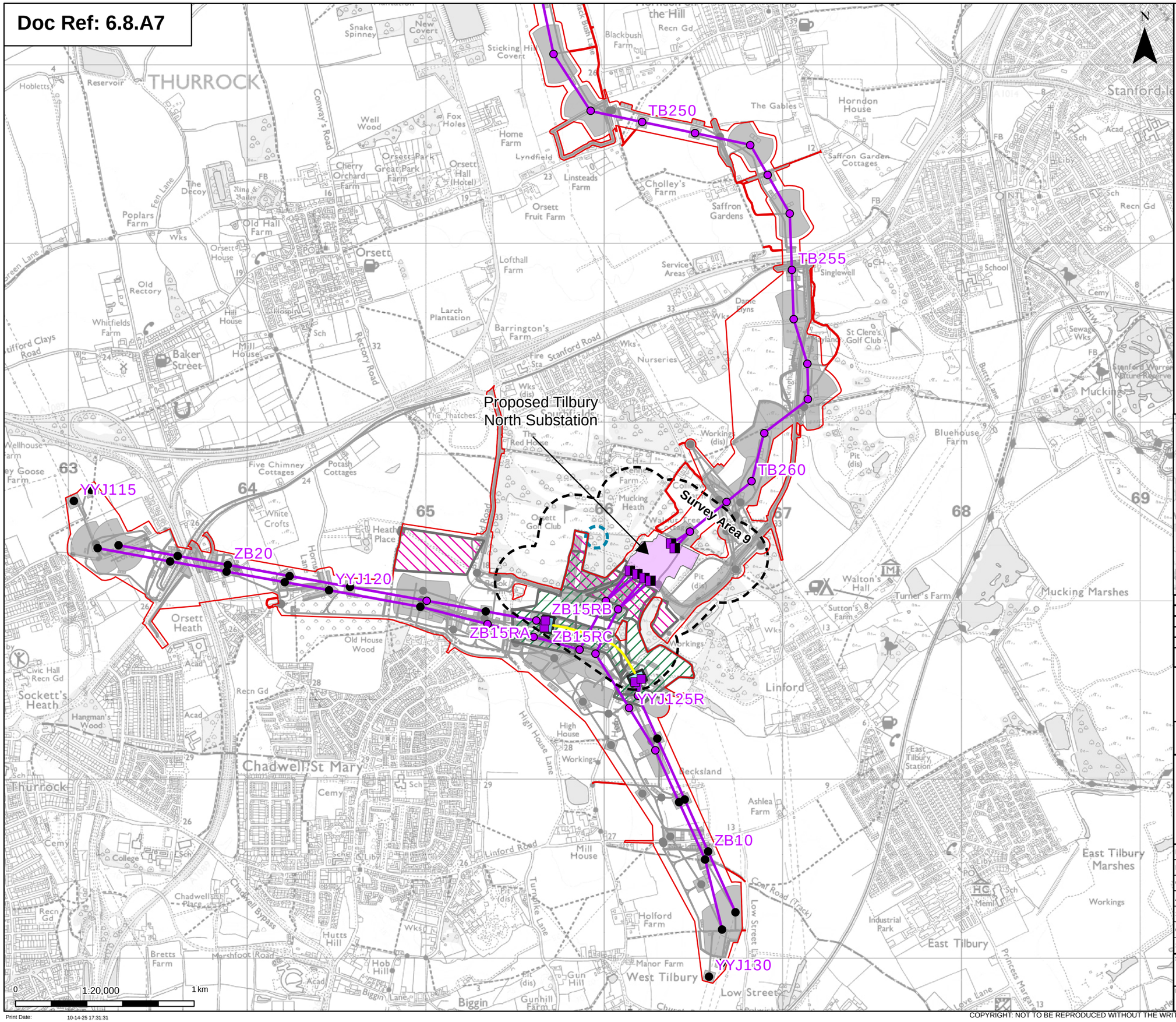
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N

- Order limits

Proposed project design details

- Proposed full line tension gantry
- Proposed low duty gantry
- 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

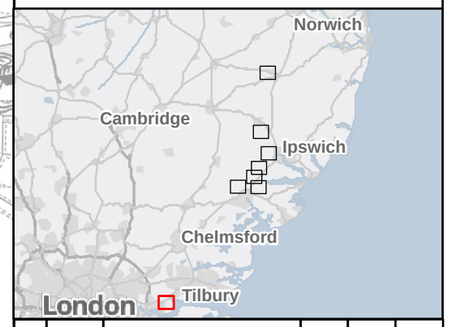
- Survey areas

Breeding bird territory

- Possible

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

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

Title:

Figure A8.7.9- Ecology and Biodiversity- Mistle Thrush Territory Map
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Designed	R. Anderton	Date	October 25
Drawn	R. Ebenezer	Date	October 25
Checked	A. Dethe	Date	October 25
Approved	K. Burrows	Date	October 25
Scale:	1:20,000	Datum:	AOD
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Suitability Description:
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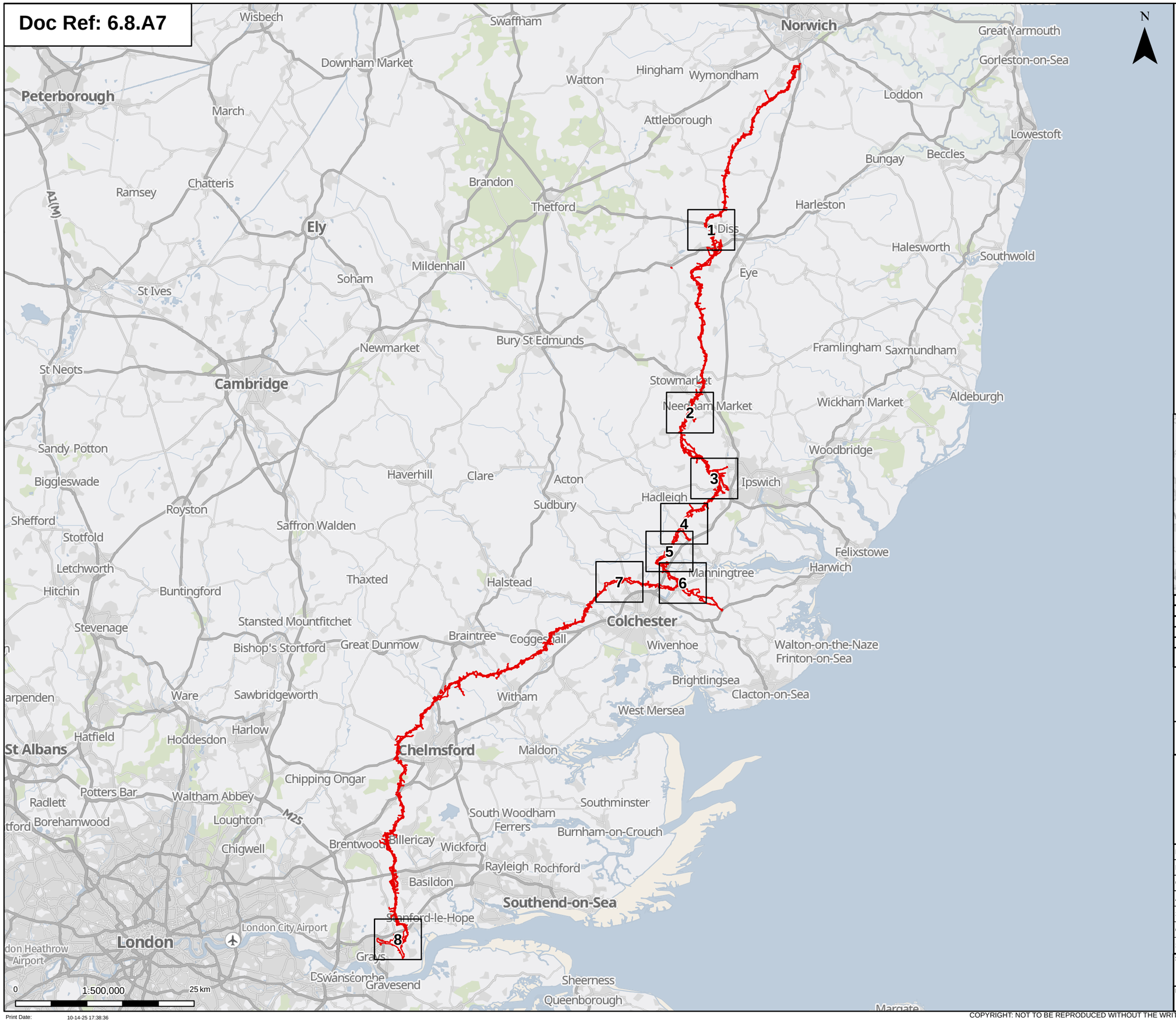
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Figure A8.7.10 Skylark Territory Map (Rev B)

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Pages

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PROJECT:
Norwich to Tilbury

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

Title:

Figure A8.7.10- Ecology and Biodiversity- Skylark Territory Map Overview

Designed	R. Anderton	Date	Oct 25
Drawn	R. Ebenezer	Date	Oct 25
Checked	A. Fell	Date	Oct 25
Approved	K. Burrows	Date	Oct 25
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Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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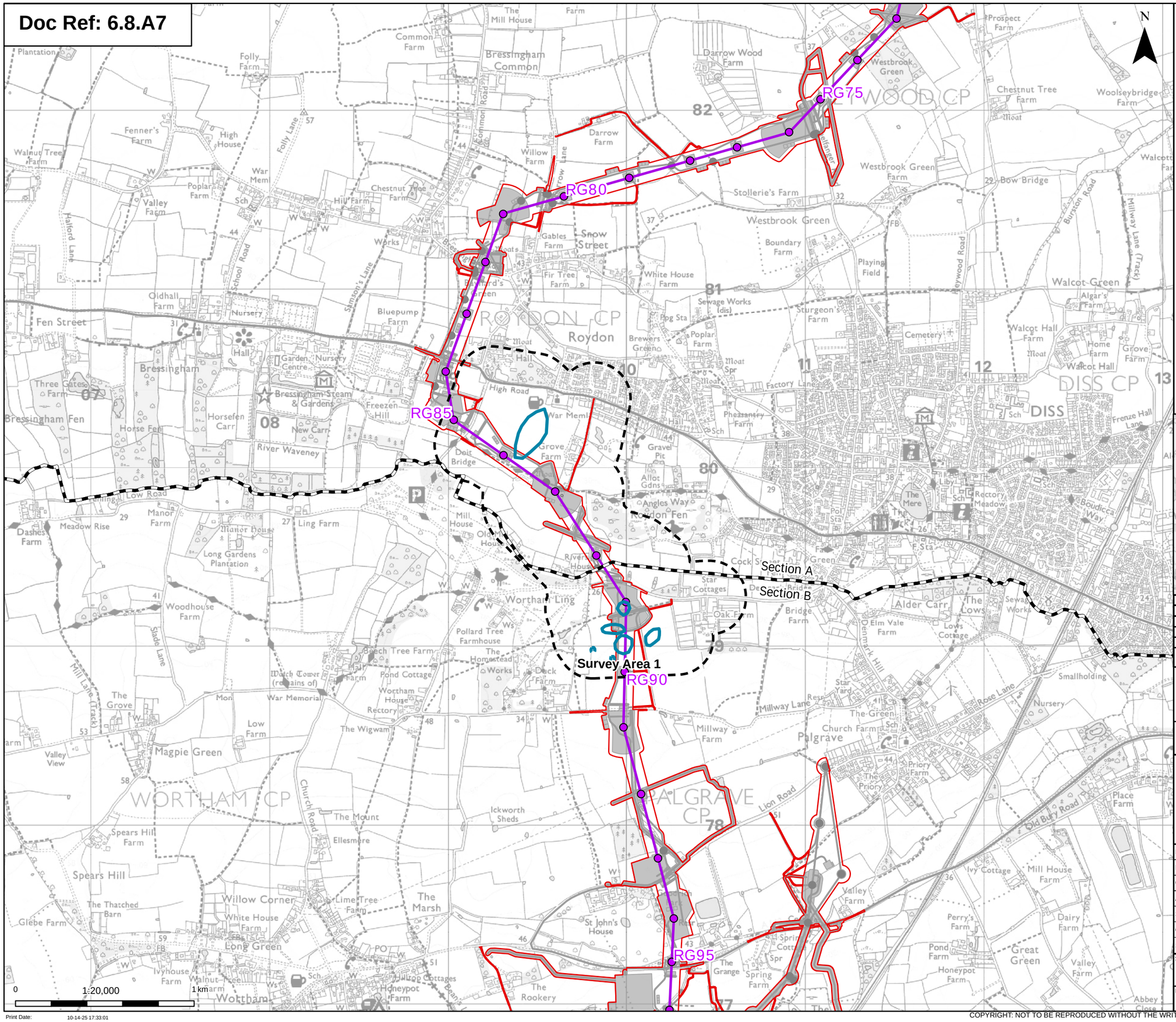
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Revision: B

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Order limits

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

Survey areas

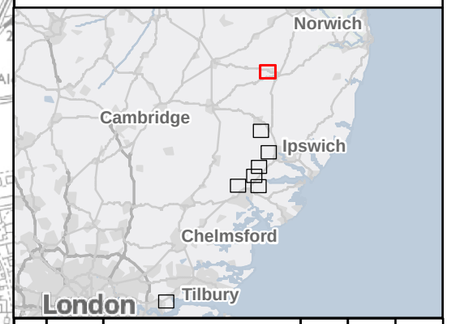
Breeding bird territory

Confirmed

Possible

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

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

Title:

Figure A8.7.10- Ecology and Biodiversity- Skylark Territory Map
Page 1 of 8

Designed	R. Anderton	Date	Oct 25
Drawn	R. Ebenezer	Date	Oct 25
Checked	A. Fell	Date	Oct 25
Approved	K. Burrows	Date	Oct 25
Scale:	1:20,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:

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RG165

RG170

RG175

RG180

Survey Area 2

N

0 1:20,000 1 km

Print Date: 10-14-25 17:33:07

- Order limits

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

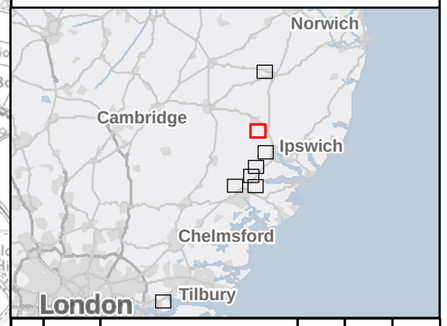
- Survey areas

Breeding bird territory

- Confirmed
- Possible

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

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

Title:

Figure A8.7.10- Ecology and Biodiversity- Skylark Territory Map
Page 2 of 8

Designed	R. Anderton	Date	Oct 25
Drawn	R. Ebenezer	Date	Oct 25
Checked	A. Fell	Date	Oct 25
Approved	K. Burrows	Date	Oct 25
Scale:	1:20,000	Datum:	AOD
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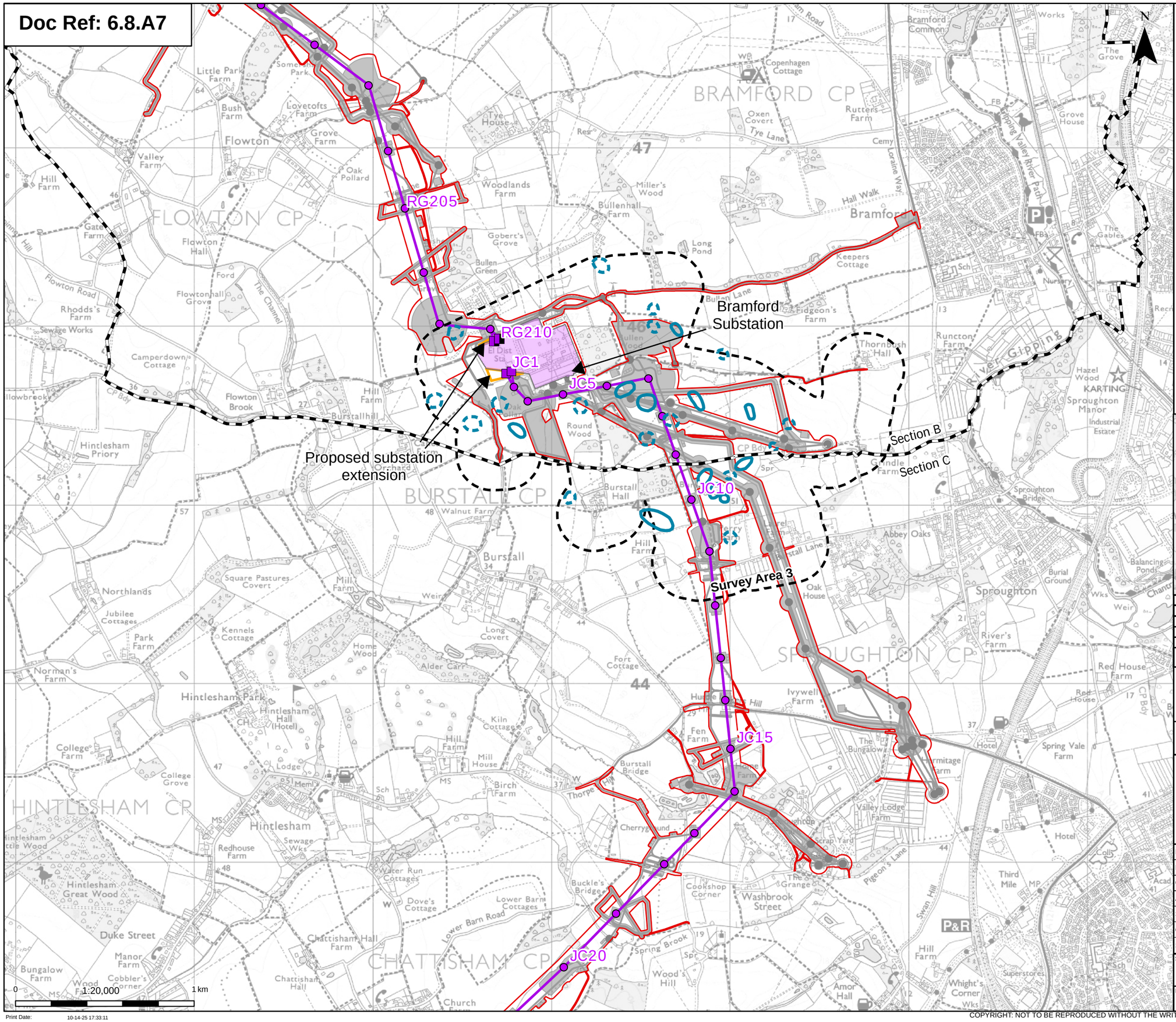
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- Order limits
- Project section line

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

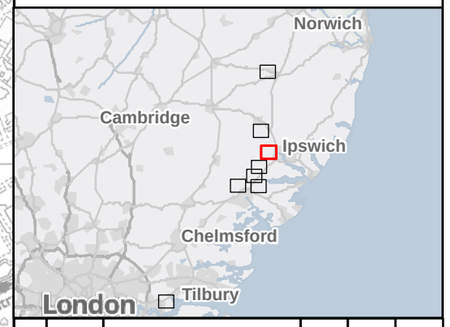
- Survey areas

Breeding bird territory

- Confirmed
- Possible

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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Regulation 5(2)(a)

Title:

Figure A8.7.10- Ecology and Biodiversity- Skylark Territory Map
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Designed	R. Anderton	Date	Oct 25
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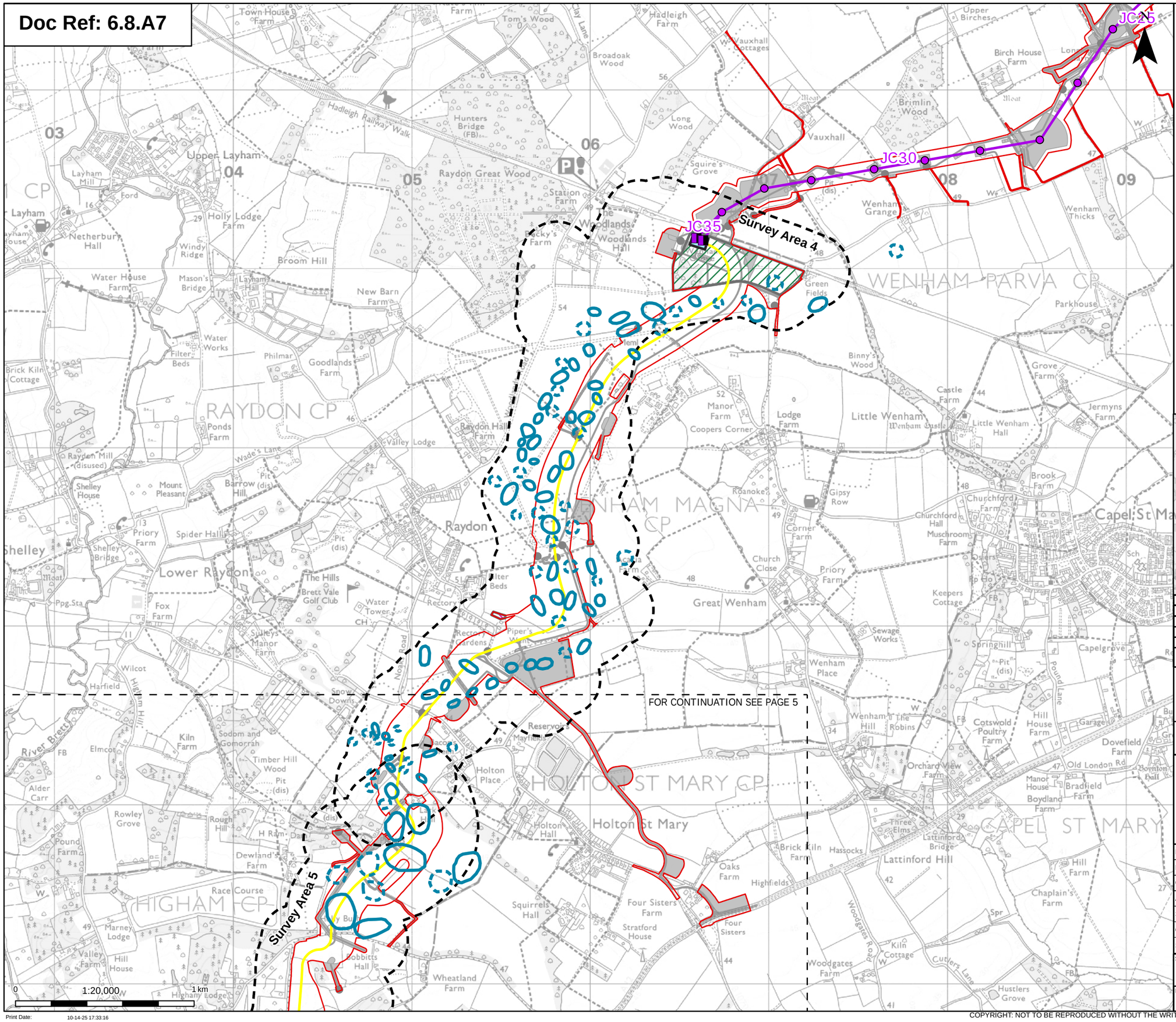
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Order limits
Sheet index cutline

Proposed project design details

Proposed full line tension gantry
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

Survey areas

Breeding bird territory

Confirmed
Possible

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

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

Title:

Figure A8.7.10- Ecology and Biodiversity- Skylark Territory Map
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Designed	R. Anderton	Date	Oct 25
Drawn	R. Ebenezer	Date	Oct 25
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Approved	K. Burrows	Date	Oct 25
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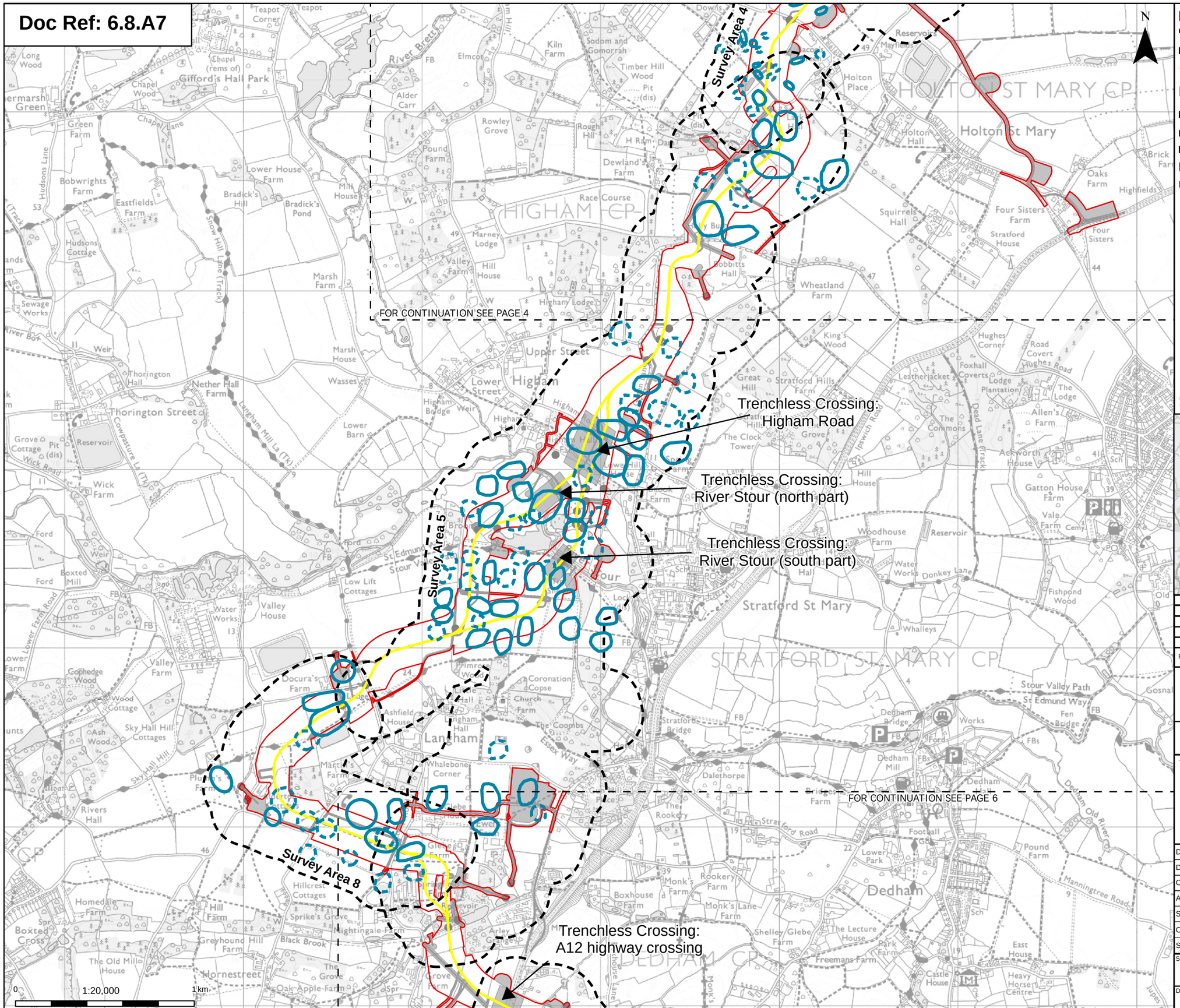
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N

Order limits

Sheet index cutline

Proposed project design details

Proposed underground cable alignment

Other temporary and permanent construction and operational works

Discipline specific constraints

Survey areas

Breeding bird territory

Confirmed

Possible

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 2025	FOR DCO APPLICATION	MP	AF	KB

nationalgrid

PROJECT: Norwich to Tilbury

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

Title:

Figure A8.7.10- Ecology and Biodiversity- Skylark Territory Map
Page 5 of 8

Designed	R. Anderton	Date	Oct 25
Drawn	R. Ebenezer	Date	Oct 25
Checked	A. Fell	Date	Oct 25
Approved	K. Burrows	Date	Oct 25
Scale:	1:20,000	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-00356

Revision: B

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Survey Area 8

Survey Area 5

Trenchless Crossing:
A12 highway crossing

FOR CONTINUATION SEE PAGE 5

Trenchless Crossing:
Railway crossing (east of Ardleigh)

Survey Area 6

Proposed
EACN
Substation

TB20

TB15

TB10

TB5

TB1

Section C

Section D

N

0 1:20,000 1 km

Print Date: 10-14-25 17:33:27

- Order limits
- Sheet index cutline
- Project section line

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 (EACN) Substation
- Environmental area
- Other temporary and permanent construction and operational works

Discipline specific constraints

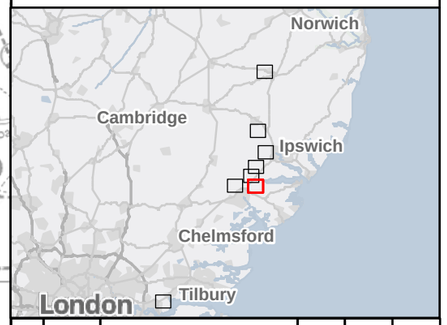
- Survey areas

Breeding bird territory

- Confirmed
- Possible

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

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

Title:

Figure A8.7.10- Ecology and Biodiversity- Skylark Territory Map
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Scale:	1:20,000	Datum:	AOD
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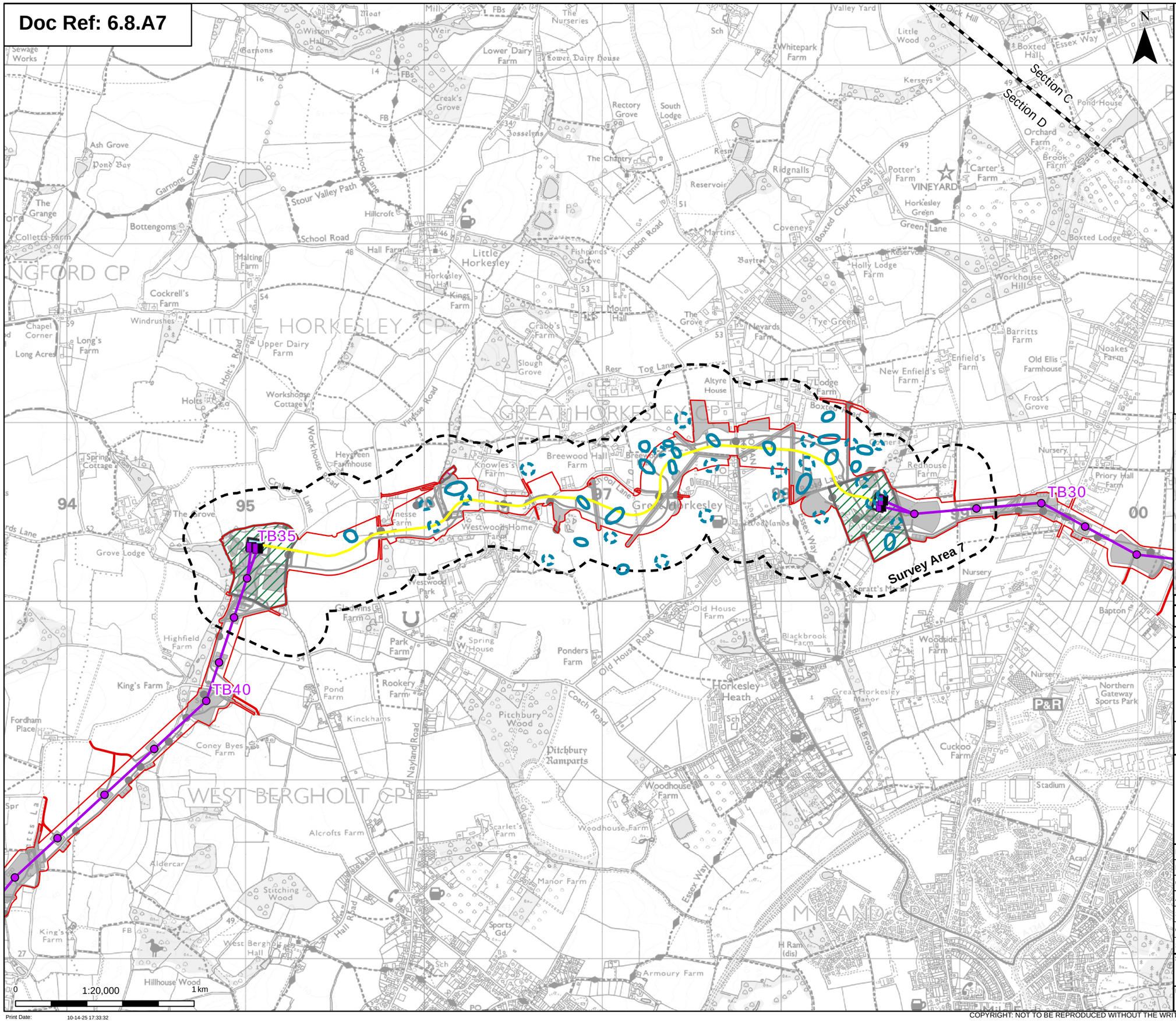
Suitability Description:
Accepted as Concept Stage

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- Order limits
- Project section line

Proposed project design details

- Proposed full line tension gantry
- 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

- Survey areas

Breeding bird territory

- Confirmed
- Possible

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 Norwich to Tilbury

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

Title:

Figure A8.7.10- Ecology and Biodiversity- Skylark Territory Map
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Designed	R. Anderton	Date	Oct 25
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Scale:	1:20,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

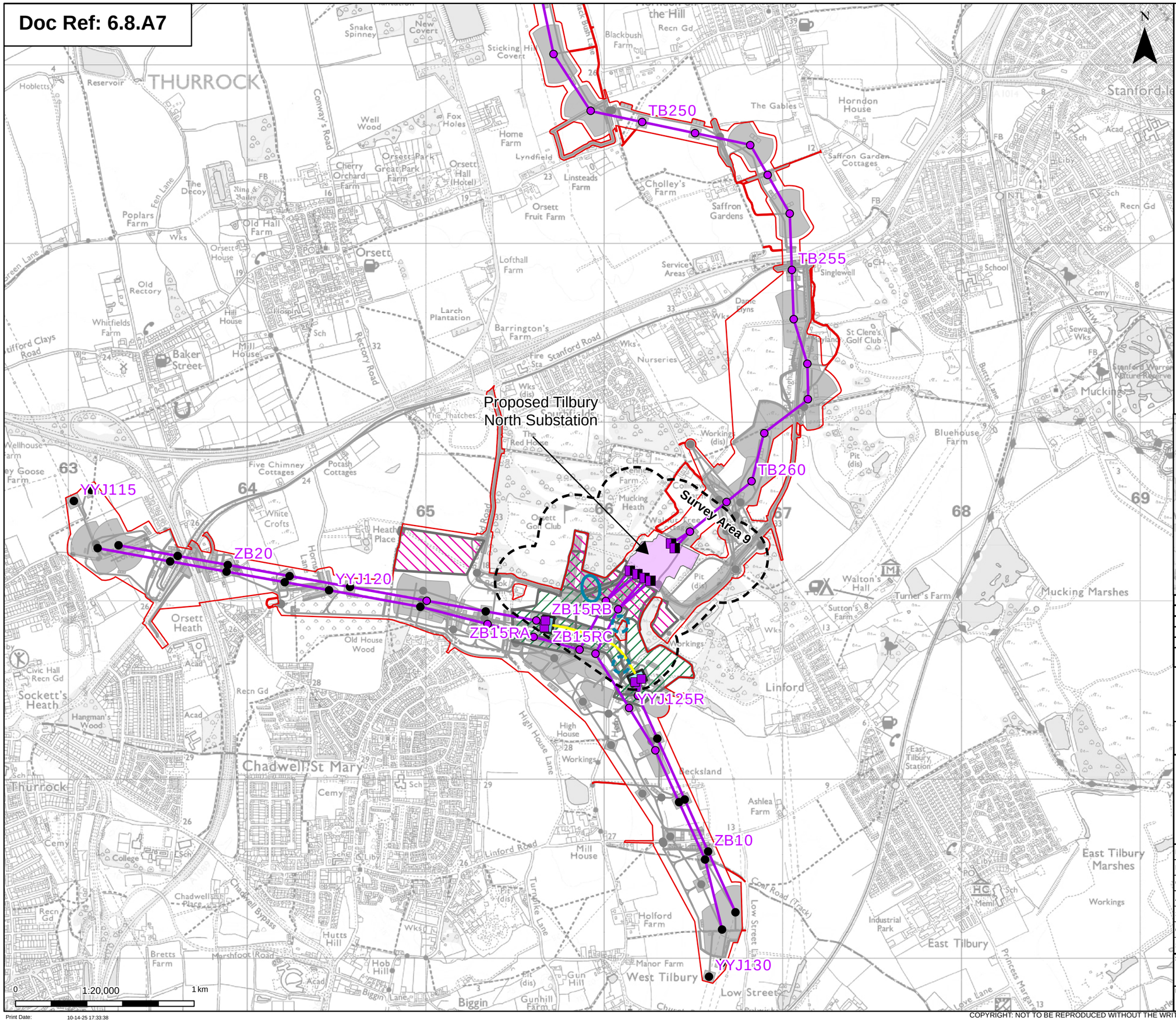
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Accepted as Concept Stage

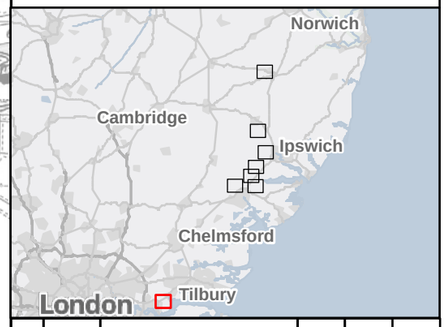
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N

- Order limits

Proposed project design details

- Proposed full line tension gantry
- Proposed low duty gantry
- 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

- Survey areas

Breeding bird territory

- Confirmed
- Possible

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

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

Title:

Figure A8.7.10- Ecology and Biodiversity- Skylark Territory Map
Page 8 of 8

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Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00356

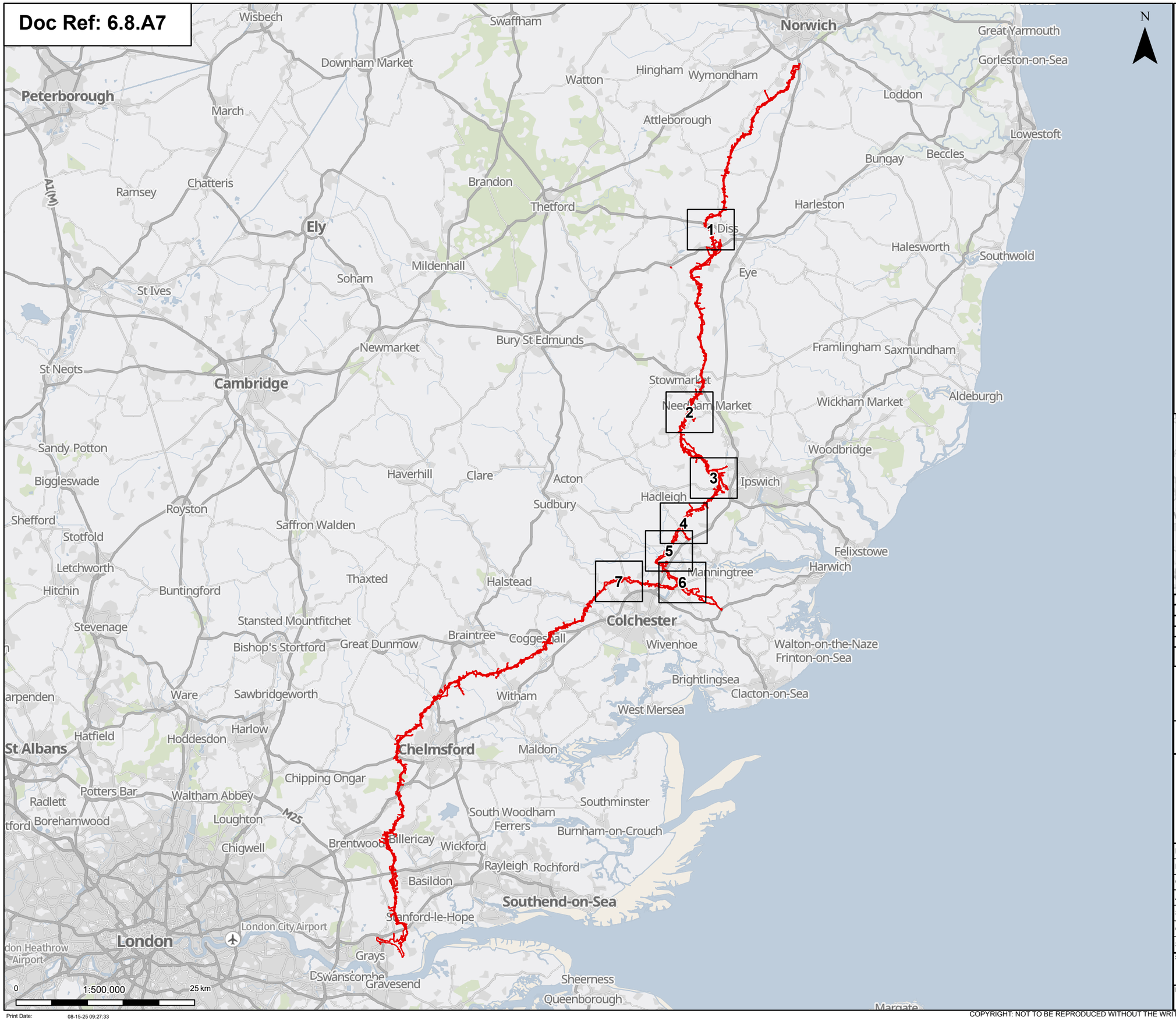
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Figure A8.7.11 Starling Territory Map

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

Title:

Figure A8.7.11- Ecology and Biodiversity- Starling Territory Map Overview

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:500,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description: Accepted as Concept Stage

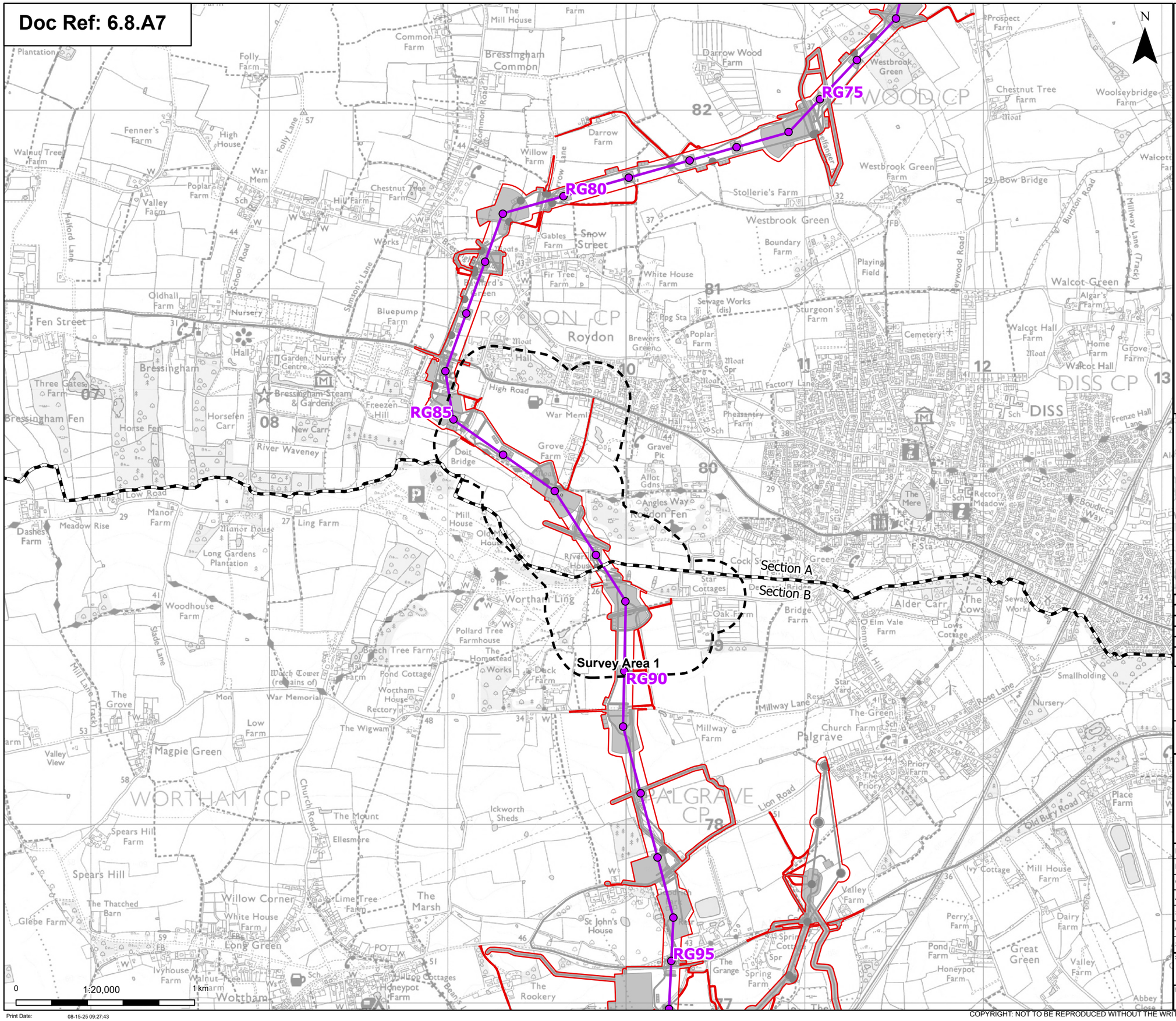
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Order limits

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

Survey areas

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)

Title:

Figure A8.7.11- Ecology and Biodiversity- Starling Territory Map
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Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:20,000	Datum:	AOD
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-00357

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RG165

RG170

RG175

RG180

Survey Area 2

N

0 1:20,000 1 km

Print Date: 08-15-25 09:27:48

- Order limits

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

- Survey areas

Breeding bird territory

- Confirmed
- Possible

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

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

Title:

Figure A8.7.11- Ecology and Biodiversity- Starling Territory Map
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Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:20,000	Datum:	AOD
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-00357

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RG205
RG210
JC1
JC5
JC10
JC15
JC20
Bramford Substation
Proposed substation extension
Survey Area 3
Section B
Section C
BRAMFORD CP
FLOWTON CP
BURSTALL CP
HINTLESHAM CP
SPROUGHTON CP
CHATTISHAM CP
N
0
1:20,000
1 km

Order limits
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

Survey areas

Breeding bird territory

Possible

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

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

Title:

Figure A8.7.11- Ecology and Biodiversity- Starling Territory Map
Page 3 of 7

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:20,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

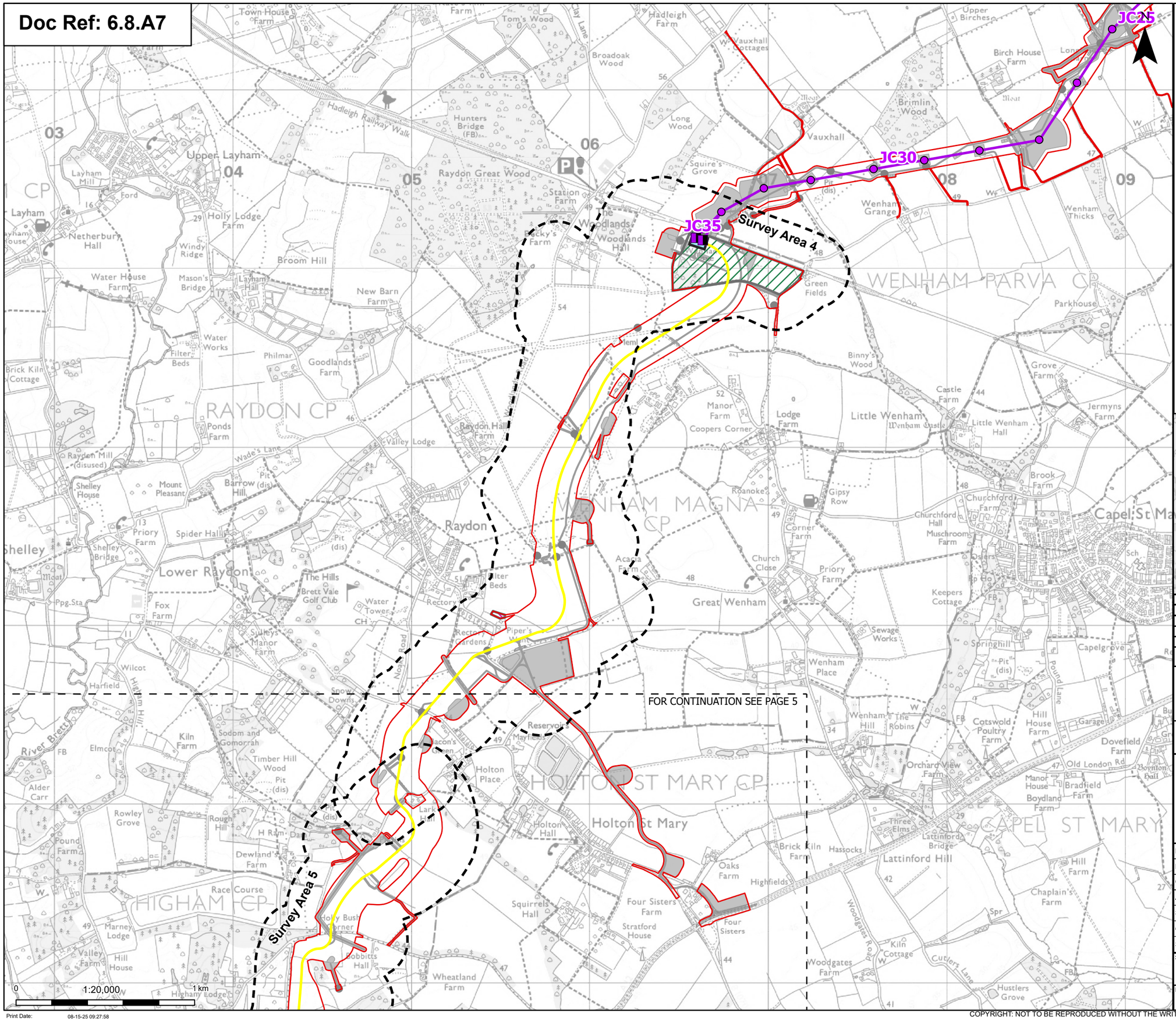
Suitability Description:
Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00357
Revision: A

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Order limits

Sheet index cutline

Proposed project design details

- Proposed full line tension gantry
- 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

- Survey areas

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)

Title:

Figure A8.7.11- Ecology and Biodiversity- Starling Territory Map
Page 4 of 7

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:20,000	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-00357

Revision: A

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Survey Area 4

Survey Area 5

Trenchless Crossing: Higham Road

Trenchless Crossing: River Stour (north part)

Trenchless Crossing: River Stour (south part)

Trenchless Crossing: A12 highway crossing

FOR CONTINUATION SEE PAGE 4

FOR CONTINUATION SEE PAGE 6

0 1:20,000 1 km

Print Date: 08-15-25 09:28:04

N

- Order limits
- Sheet index cutline

Proposed project design details

- Proposed underground cable alignment
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Survey areas

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)

Title:

Figure A8.7.11- Ecology and Biodiversity- Starling Territory Map
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Designed	R. Anderton	Date	21 Aug 25
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Scale:	1:20,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

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Trenchless Crossing:
A12 highway crossing

Survey Area 5

FOR CONTINUATION SEE PAGE 5

Trenchless Crossing:
Railway crossing (east of Ardleigh)

Section C

Section D

TB20

TB15

TB10

TB5

TB1

Proposed
EACN
Substation

Survey Area 6

N

0 1:20,000 1 km

Print Date: 08-15-25 09:28:09

- Order limits
- Sheet index cutline
- Project section line

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 (EACN) Substation
- Environmental area
- Other temporary and permanent construction and operational works

Discipline specific constraints

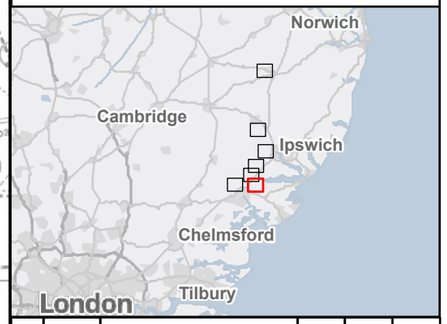
- Survey areas

Breeding bird territory

- Possible

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 A8.7.11- Ecology and Biodiversity-
Starling Territory Map
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Designed	R. Anderton	Date	21 Aug 25
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Suitability Code:	A2	Project Number:	10059280

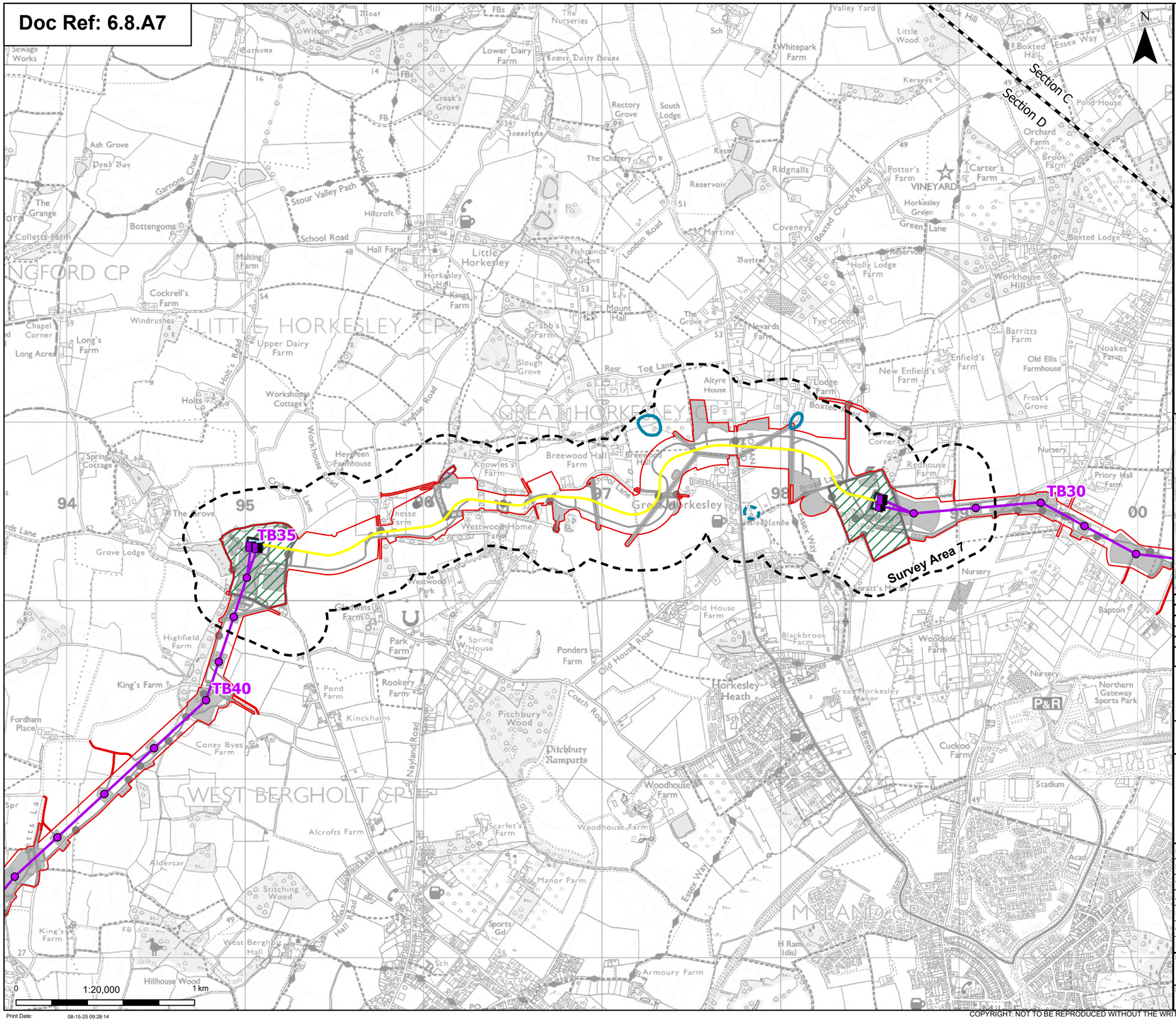
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- Order limits
- Project section line

Proposed project design details

- Proposed full line tension gantry
- 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

- Survey areas

Breeding bird territory

- Confirmed
- Possible

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)

Title:

Figure A8.7.11- Ecology and Biodiversity- Starling Territory Map
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Designed	R. Anderton	Date	21 Aug 25
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Scale:	1:20,000	Datum:	AOD
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Suitability Code:	A2	Project Number:	10059280

Suitability Description: Accepted as Concept Stage

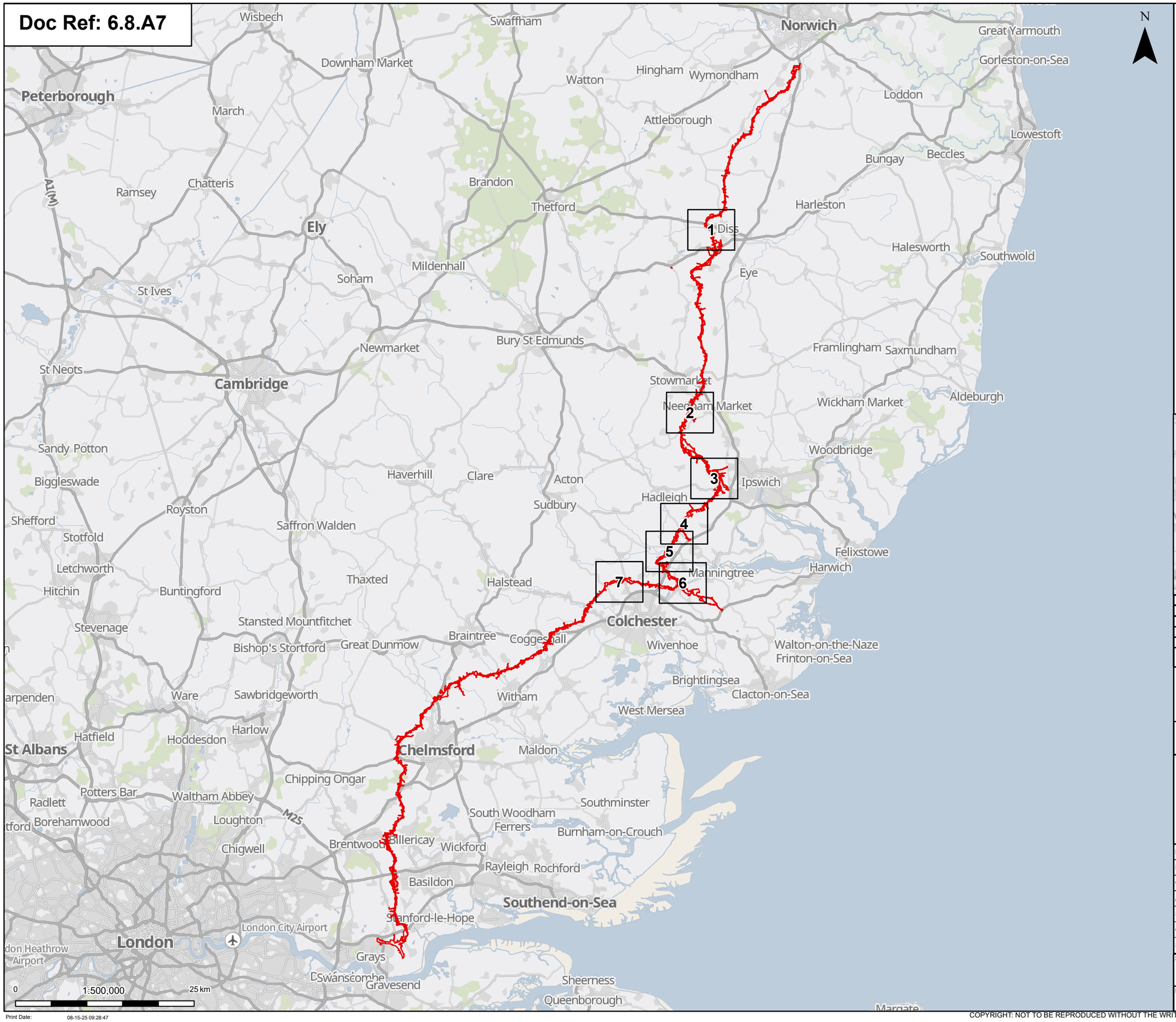
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Figure A8.7.12 Yellow Wagtail Territory Map

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N

Order limits
Pages

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.7.12- Ecology and Biodiversity - Yellow Wagtail Territory Map Overview

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:500,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
Accepted as Concept Stage

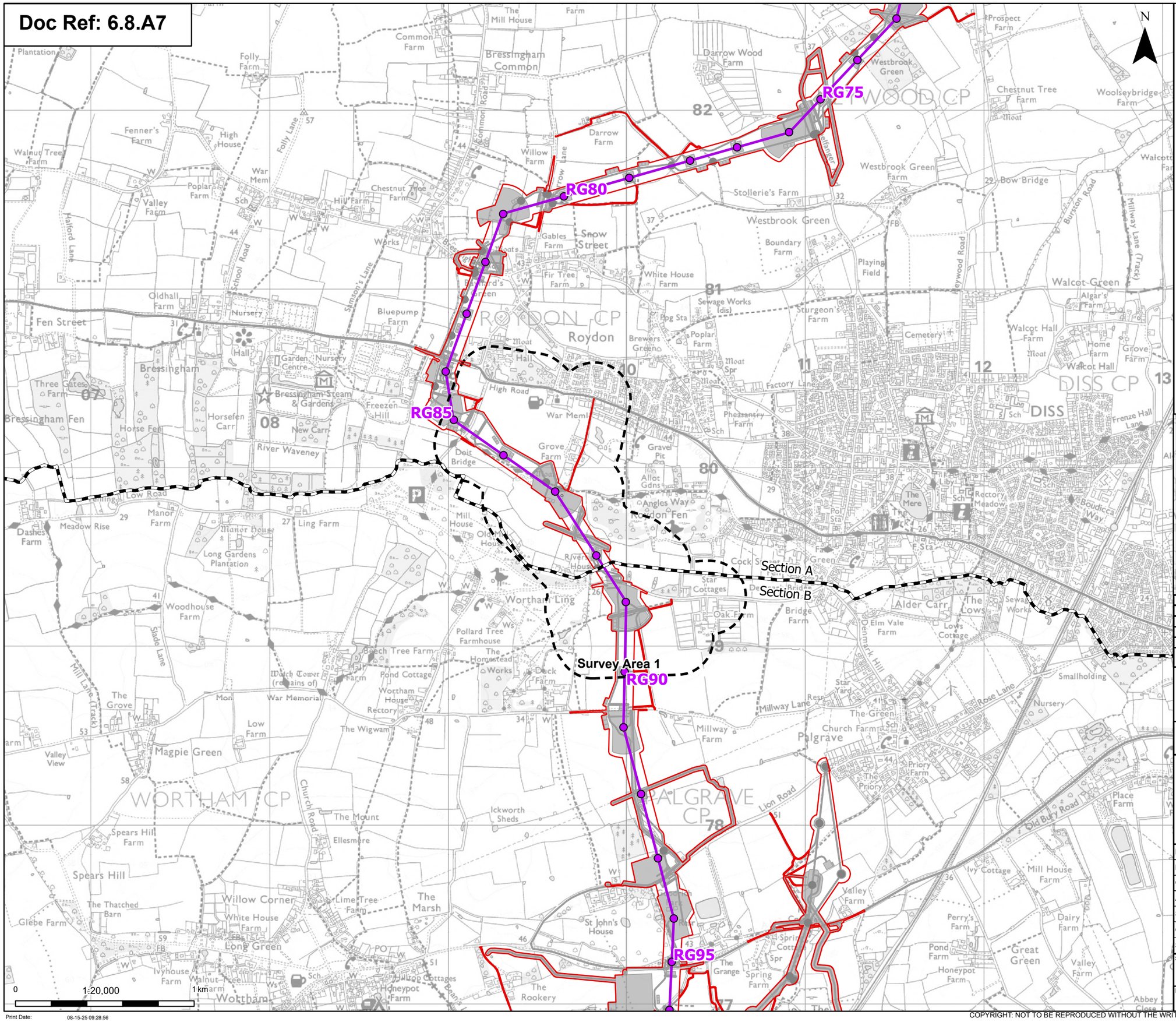
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Revision: A

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Order limits

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

Survey areas

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 2025	FOR DCO APPLICATION	MP	AF	KB

nationalgrid

PROJECT: Norwich to Tilbury

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

Title:

Figure A8.7.12- Ecology and Biodiversity - Yellow Wagtail Territory Map
Page 1 of 7

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:20,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
Accepted as Concept Stage

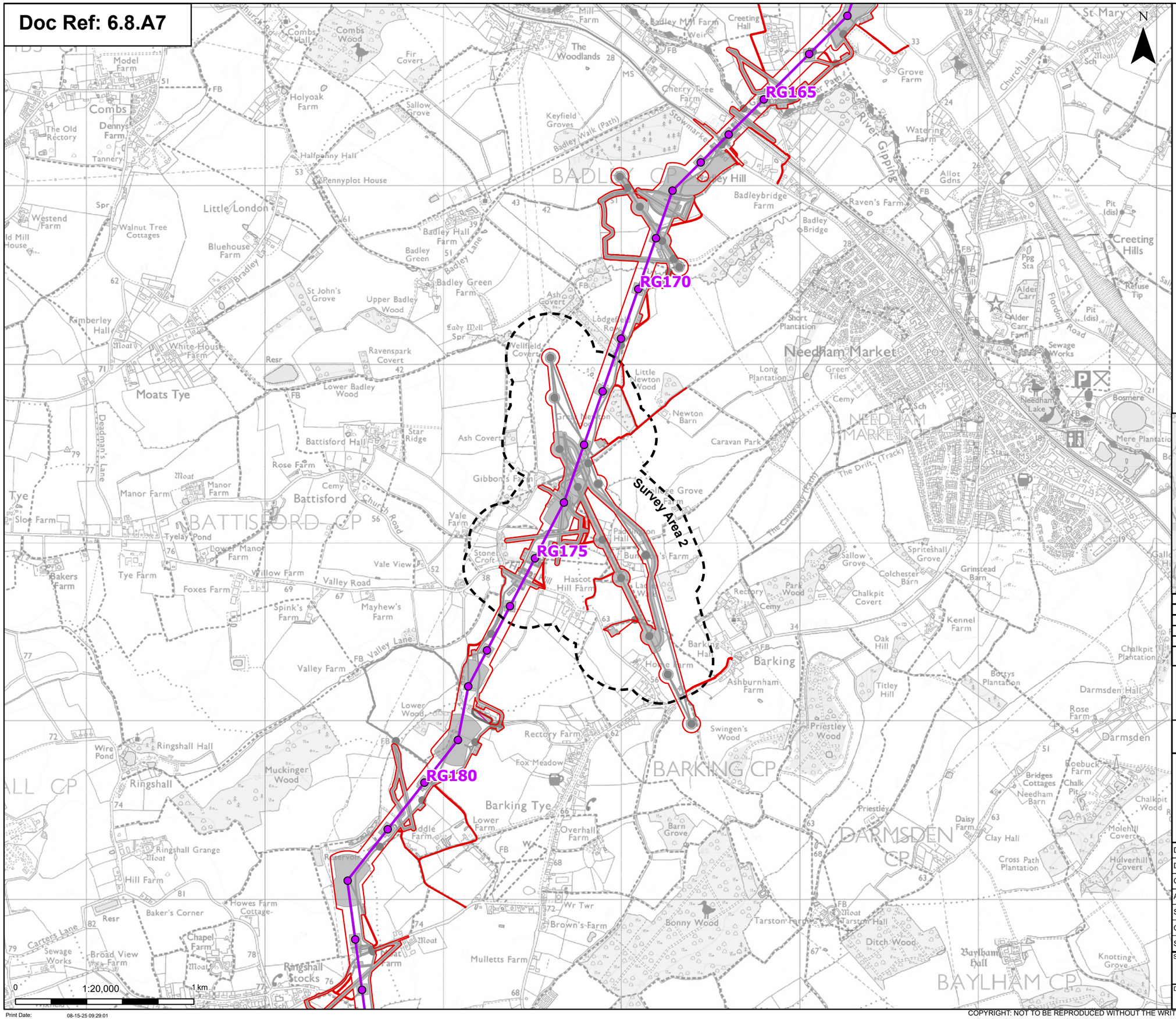
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Revision: A

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Order limits

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

- Survey areas

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

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

Title:

Figure A8.7.12- Ecology and Biodiversity - Yellow Wagtail Territory Map
Page 2 of 7

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:20,000	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-00358

Revision: A

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RG205
RG210
JC1
JC5
JC10
JC15
JC20
Bramford Substation
Proposed substation extension
Survey Area 3
Section B
Section C

0 1:20,000 1 km

Print Date: 08-15-25 09:29:06

N

- Order limits
- 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

- Survey areas

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

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

Title:

Figure A8.7.12- Ecology and Biodiversity - Yellow Wagtail Territory Map
Page 3 of 7

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:20,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

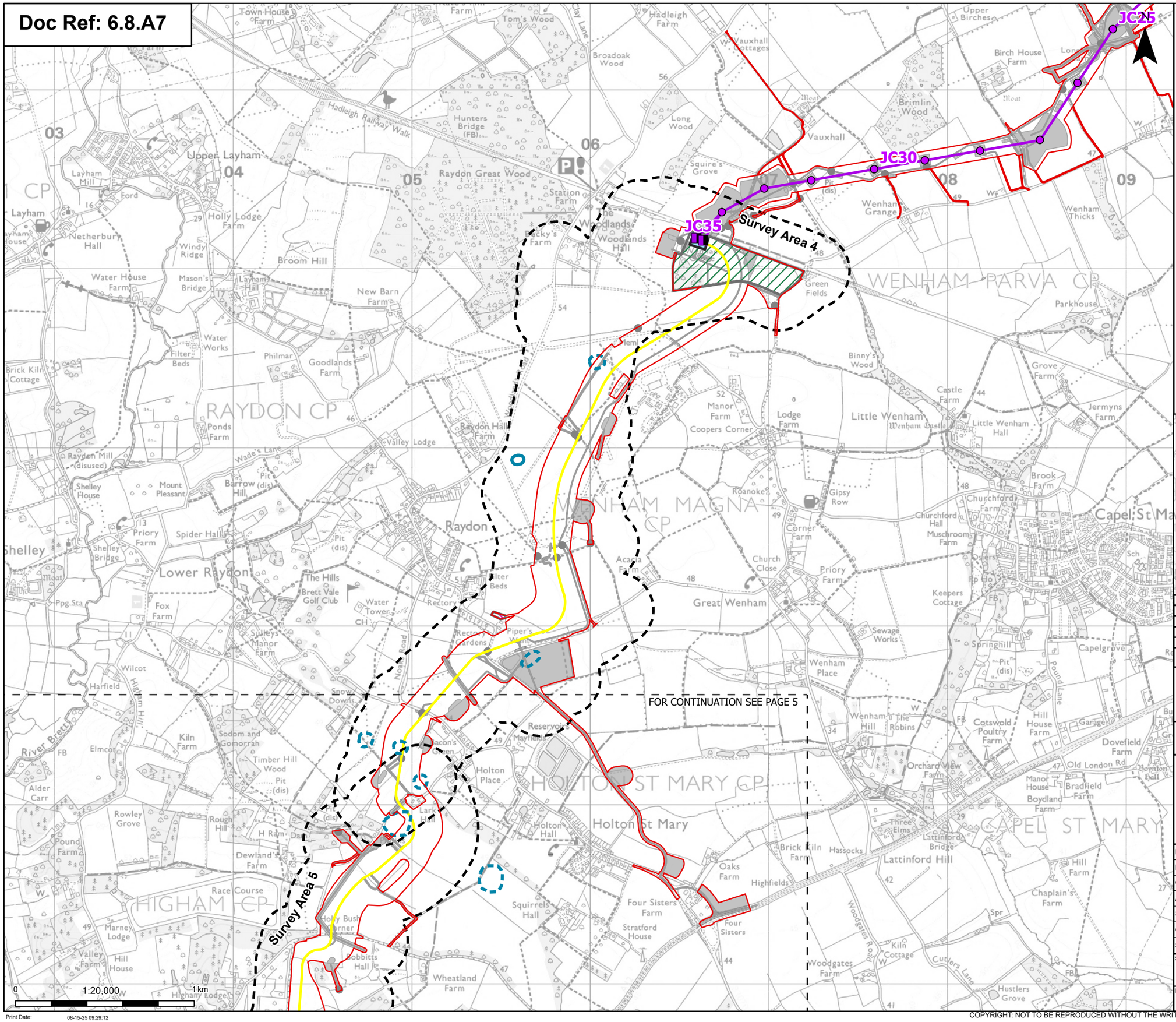
Suitability Description: Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00358

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Order limits
Sheet index cutline

Proposed project design details

Proposed full line tension gantry
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

Survey areas

Breeding bird territory

Confirmed
Possible

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)

Title:

Figure A8.7.12- Ecology and Biodiversity - Yellow Wagtail Territory Map
Page 4 of 7

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:20,000	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-00358
Revision: A

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Survey Area 4

Survey Area 5

Trenchless Crossing: Higham Road

Trenchless Crossing: River Stour (north part)

Trenchless Crossing: River Stour (south part)

Trenchless Crossing: A12 highway crossing

FOR CONTINUATION SEE PAGE 4

FOR CONTINUATION SEE PAGE 6

0 1:20,000 1 km

N

- Order limits
- Sheet index cutline

Proposed project design details

- Proposed underground cable alignment
- Other temporary and permanent construction and operational works

Discipline specific constraints

- Survey areas

Breeding bird territory

- Possible

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

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

Title:

Figure A8.7.12- Ecology and Biodiversity - Yellow Wagtail Territory Map
Page 5 of 7

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
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Approved	K. Burrows	Date	21 Aug 25
Scale:	1:20,000	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-00358

Revision: A

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Trenchless Crossing:
A12 highway crossing

Survey Area 5

Trenchless Crossing:
Railway crossing (east of Ardleigh)

Survey Area 6

Proposed
EACN
Substation

TB1
TB5
TB10
TB15
TB20

FOR CONTINUATION SEE PAGE 5

Section C
Section D

N

1:20,000
0
1 km

Print Date: 08-15-25 09:29:22

Order limits
Sheet index cutline
Project section line

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 (EACN) Substation
Environmental area
Other temporary and permanent construction and operational works

Discipline specific constraints

Survey areas

Breeding bird territory

Confirmed
Possible

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

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

Title:

Figure A8.7.12- Ecology and Biodiversity - Yellow Wagtail Territory Map
Page 6 of 7

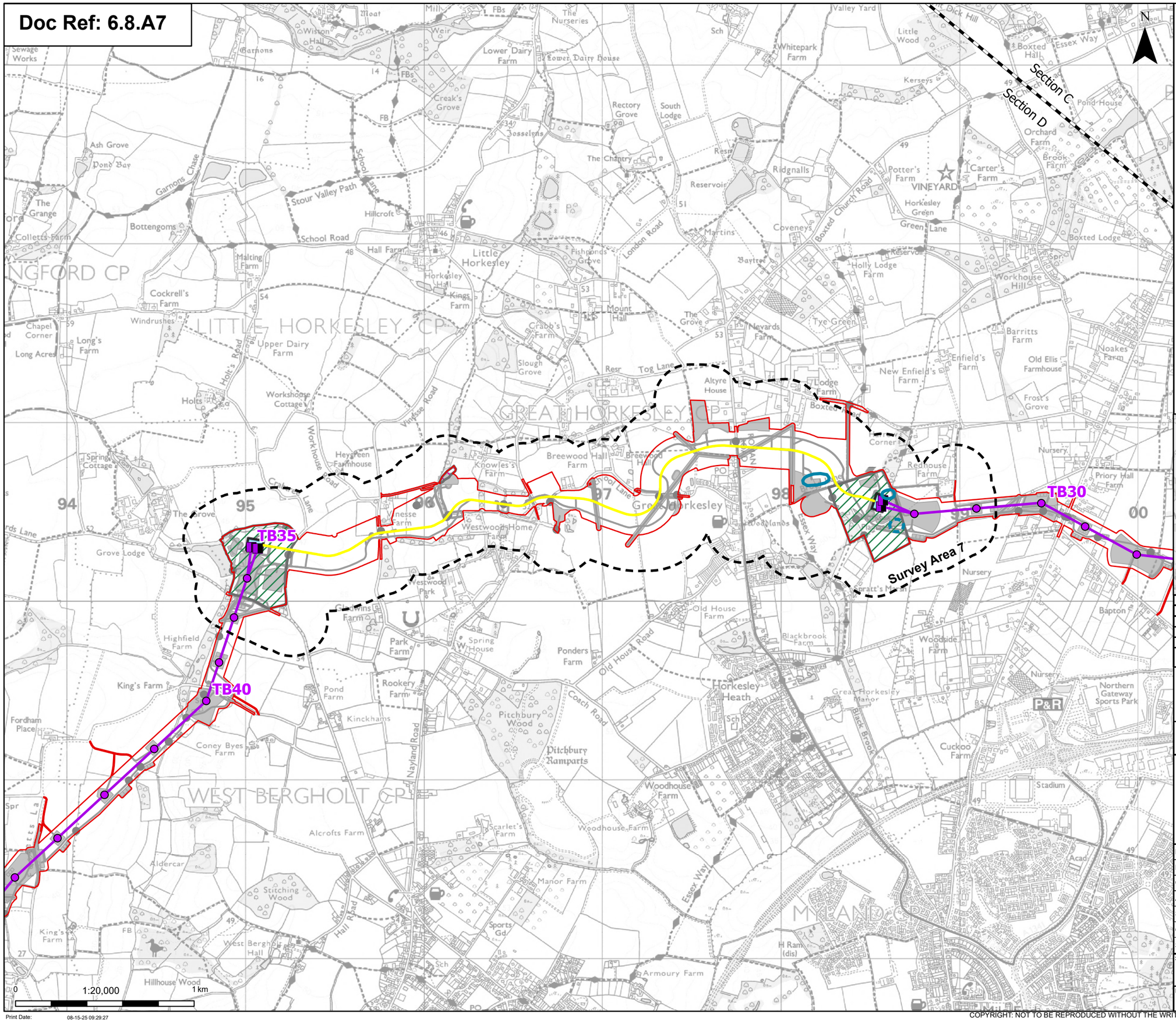
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Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:20,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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Order limits
Project section line

Proposed project design details

Proposed full line tension gantry
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

Survey areas

Breeding bird territory

Confirmed
Possible

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

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

Title:

Figure A8.7.12- Ecology and Biodiversity - Yellow Wagtail Territory Map
Page 7 of 7

Designed	R. Anderton	Date	21 Aug 25
Drawn	M. Pawaskar	Date	21 Aug 25
Checked	A. Fell	Date	21 Aug 25
Approved	K. Burrows	Date	21 Aug 25
Scale:	1:20,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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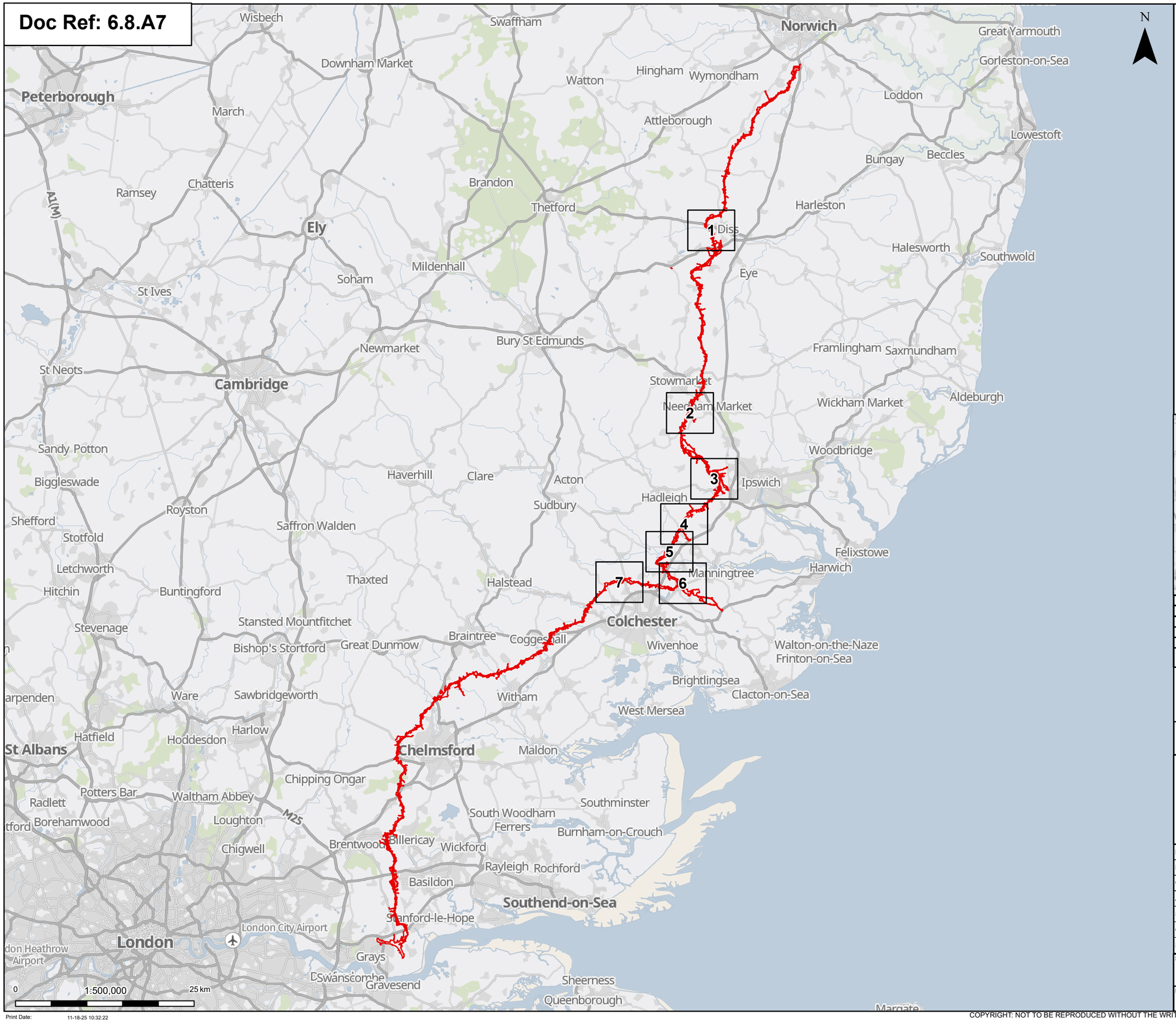
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Figure A8.7.13 Yellowhammer Territory Map (Rev B)

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N

Order limits
Pages

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PROJECT: Norwich to Tilbury

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

Title:

Figure A8.7.13 - Ecology and Biodiversity- Yellowhammer Territory Map Overview

Designed	R. Anderton	Date	October 25
Drawn	R. Ebenezer	Date	October 25
Checked	A. Fell	Date	October 25
Approved	K. Burrows	Date	October 25
Scale:	1:500,000	Datum:	AOD
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-00359

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RG75
RG80
RG85
RG90
RG95
Survey Area 1
Section A
Section B

0 1:20,000 1 km

Print Date: 11-18-25 10:32:29

N

- Order limits
- 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

- Survey areas

Breeding bird territory

- Confirmed
- Possible

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)

Title:

Figure A8.7.13 - Ecology and Biodiversity- Yellowhammer Territory Map
Page 1 of 7

Designed	R. Anderton	Date	October 25
Drawn	R. Ebenezer	Date	October 25
Checked	A. Fell	Date	October 25
Approved	K. Burrows	Date	October 25
Scale:	1:20,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

Suitability Description:
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RG165

RG170

RG175

RG180

Survey Area 2

N

0 1:20,000 1 km

Print Date: 11-18-25 10:32:32

- Order limits

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

- Survey areas

Breeding bird territory

- Confirmed
- Possible

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

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

Title:

Figure A8.7.13 - Ecology and Biodiversity- Yellowhammer Territory Map
Page 2 of 7

Designed	R. Anderton	Date	October 25
Drawn	R. Ebenezer	Date	October 25
Checked	A. Fell	Date	October 25
Approved	K. Burrows	Date	October 25
Scale:	1:20,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

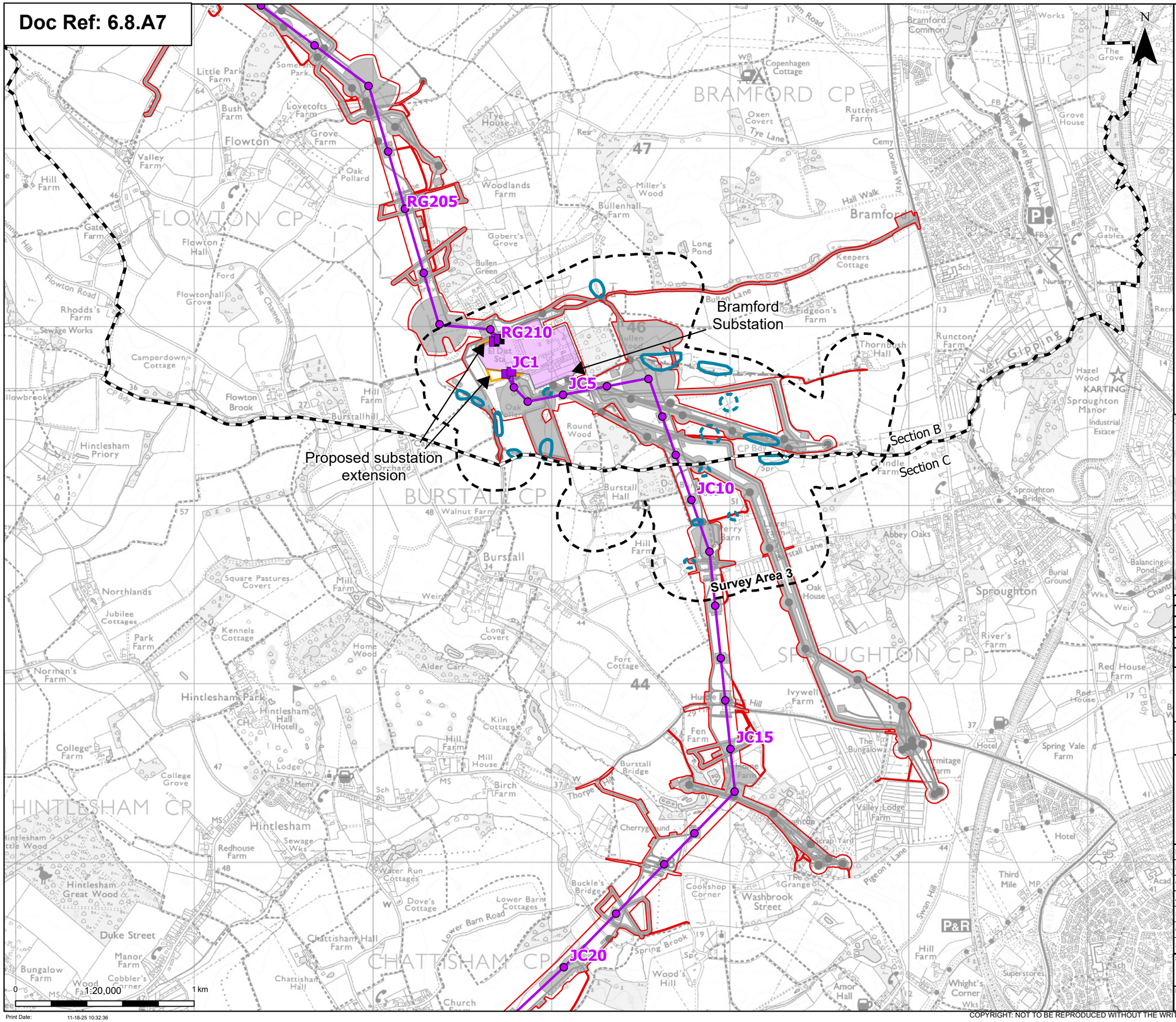
Suitability Description:
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N

- Order limits
- 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

- Survey areas

Breeding bird territory

- Confirmed
- Possible

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

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

Title:

Figure A8.7.13 - Ecology and Biodiversity- Yellowhammer Territory Map
Page 3 of 7

Designed	R. Anderton	Date	October 25
Drawn	R. Ebenezer	Date	October 25
Checked	A. Fell	Date	October 25
Approved	K. Burrows	Date	October 25
Scale:	1:20,000	Datum:	AOD
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Suitability Description:
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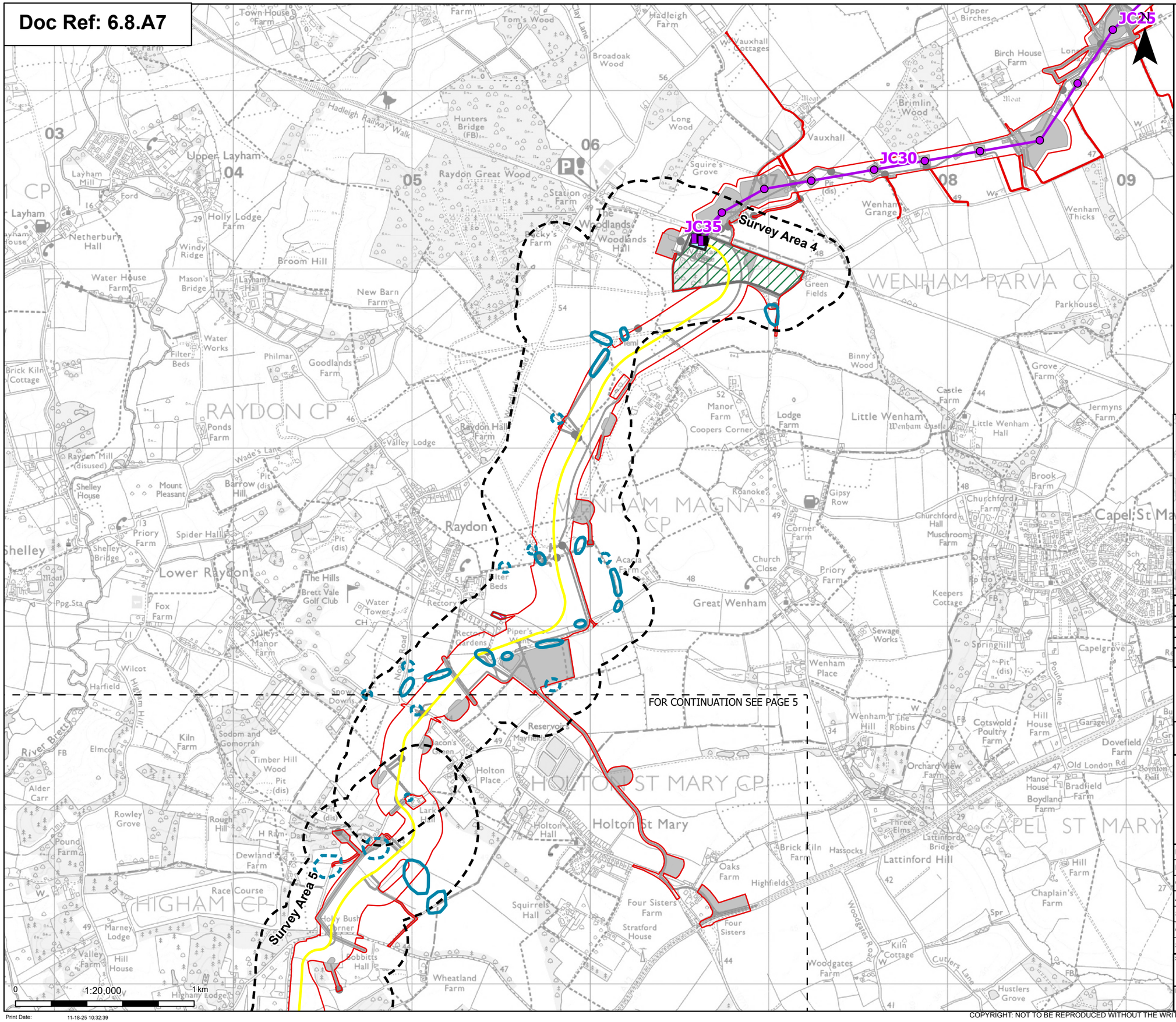
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Revision: B

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Order limits

Sheet index cutline

Proposed project design details

- Proposed full line tension gantry
- 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

- Survey areas

Breeding bird territory

- Confirmed
- Possible

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

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

Title:

Figure A8.7.13 - Ecology and Biodiversity- Yellowhammer Territory Map
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Designed	R. Anderton	Date	October 25
Drawn	R. Ebenezer	Date	October 25
Checked	A. Fell	Date	October 25
Approved	K. Burrows	Date	October 25
Scale:	1:20,000	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-00359

Revision: B

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Trenchless Crossing: Higham Road

Trenchless Crossing: River Stour (north part)

Trenchless Crossing: River Stour (south part)

Trenchless Crossing: A12 highway crossing

Survey Area 4

Survey Area 5

Survey Area 8

FOR CONTINUATION SEE PAGE 4

FOR CONTINUATION SEE PAGE 6

0 1:20,000 1 km

N

Order limits

Sheet index cutline

Proposed project design details

Proposed underground cable alignment

Other temporary and permanent construction and operational works

Discipline specific constraints

Survey areas

Breeding bird territory

Confirmed

Possible

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 2025	FOR DCO APPLICATION	MP	AF	KB

nationalgrid

PROJECT: Norwich to Tilbury

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

Title:

Figure A8.7.13 - Ecology and Biodiversity- Yellowhammer Territory Map
Page 5 of 7

Designed	R. Anderton	Date	October 25
Drawn	R. Ebenezer	Date	October 25
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Approved	K. Burrows	Date	October 25
Scale:	1:20,000	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-00359

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Survey Area 8

Survey Area 5

Trenchless Crossing:
A12 highway crossing

FOR CONTINUATION SEE PAGE 5

Trenchless Crossing:
Railway crossing (east of Ardleigh)

Survey Area 6

Proposed
EACN
Substation

TB1

TB5

TB10

TB15

TB20

Section C

Section D

N

0 1:20,000 1 km

Print Date: 11-18-25 10:32:46

- Order limits
- Sheet index cutline
- Project section line

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 (EACN) Substation
- Environmental area
- Other temporary and permanent construction and operational works

Discipline specific constraints

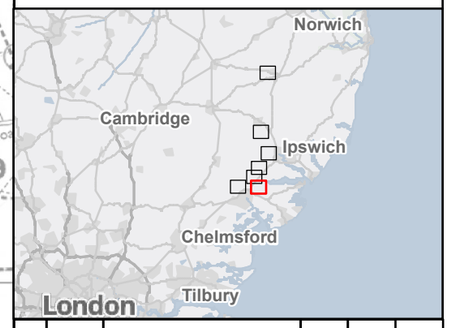
- Survey areas

Breeding bird territory

- Confirmed
- Possible

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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B	Oct 2025	FOR DCO APPLICATION	RE	AF	KB
A	Aug 2025	FOR DCO APPLICATION	MP	AF	KB

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PROJECT:
Norwich to Tilbury

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

Title:

Figure A8.7.13 - Ecology and Biodiversity- Yellowhammer Territory Map
Page 6 of 7

Designed	R. Anderton	Date	October 25
Drawn	R. Ebenezer	Date	October 25
Checked	A. Fell	Date	October 25
Approved	K. Burrows	Date	October 25
Scale:	1:20,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	A2	Project Number:	10059280

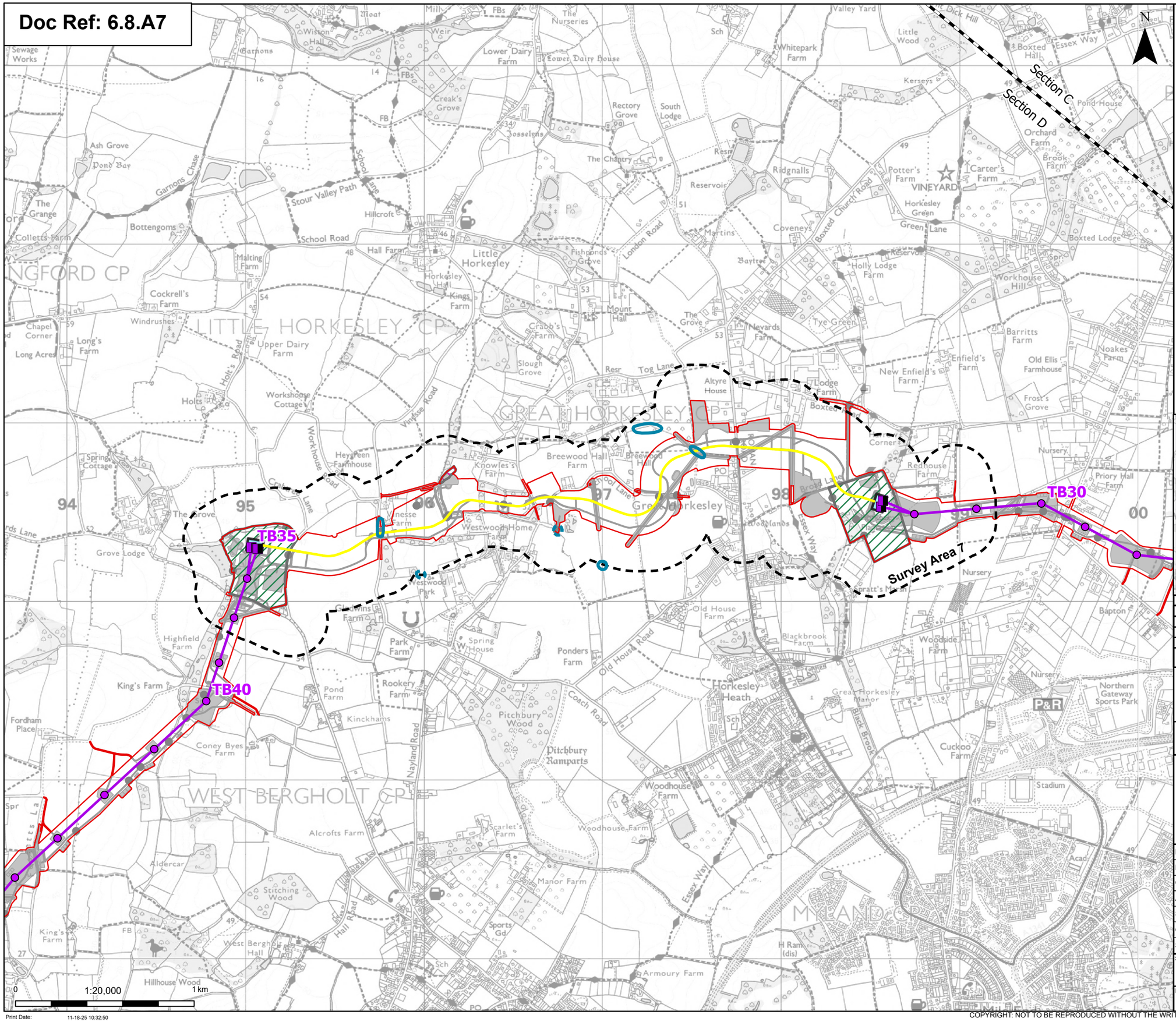
Suitability Description:
Accepted as Concept Stage

Drawing Number: 10059280-ARC-EBD-ZZ-DR-ZZ-00359

Revision: B

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Doc Ref: 6.8.A7



- Order limits
- Project section line

Proposed project design details

- Proposed full line tension gantry
- 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

- Survey areas

Breeding bird territory

- Confirmed
- Possible

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
B	Oct 2025	FOR DCO APPLICATION	RE	AF	KB
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nationalgrid

PROJECT: Norwich to Tilbury

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

Title:

Figure A8.7.13 - Ecology and Biodiversity- Yellowhammer Territory Map
Page 7 of 7

Designed	R. Anderton	Date	October 25
Drawn	R. Ebenezer	Date	October 25
Checked	A. Fell	Date	October 25
Approved	K. Burrows	Date	October 25
Scale:	1:20,000	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-00359

Revision: B

Print Date: 11-18-25 10:32:50

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Figure A8.7.14 Barn Owl Constraints Map (Rev B)

FIGURE REMOVED AS IS CONFIDENTIAL

Figure A8.7.15 Cetti's Warbler Constraints Map (Rev B)

FIGURE REMOVED AS IS CONFIDENTIAL

Figure A8.7.16 Hobby Constraints Map (Rev B)

FIGURE REMOVED AS IS CONFIDENTIAL

Figure A8.7.17 Kingfisher Constraints Map

FIGURE REMOVED AS IS CONFIDENTIAL

Figure A8.7.18 Marsh Harrier Constraints Map

FIGURE REMOVED AS IS CONFIDENTIAL

Figure A8.7.19 Peregrine Constraints Map (Rev B)

FIGURE REMOVED AS IS CONFIDENTIAL

Figure A8.7.20 Red Kite Constraints Map (Rev B)

FIGURE REMOVED AS IS CONFIDENTIAL

Annex B.
Survey Results

Annex B
Survey Results

Table A8.7.9 Breeding bird species list, breeding status and number of pairs

Species	Scientific Name	Conservation Status	Project Section A, B Survey Area 1		Project Section B Survey Area 2		Project Section B, C Survey Area 3		Project Section C Survey Area 4		Project Section C Survey Area 5		Project Section C Survey Area 6		Project Section D Survey Area 7		Project Section C Survey Area 8		Project Section H Survey Area 9	
			Breeding Status	Pairs	Breeding Status	Pairs	Breeding Status	Pairs	Breeding Status	Pairs	Breeding Status	Pairs	Breeding Status	Pairs	Breeding Status	Pairs	Breeding Status	Pairs	Breeding Status	Pairs
Arctic Tern	*Sterna paradisaea*	Red BoCC									Non-breeding	-								
Barn Owl	*Tyto alba*	Green List, Sch-1	Present	-	Present	-			Present	-	Present	-			Present	-				
Blackbird	*Turdus merula*	Green List	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-
Blackcap	*Sylvia atricapilla*	Green List	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-
Black-headed Gull	*Chroicocephalus ridibundus*	Amber BoCC									Non-breeding	-					Non-breeding	-	Non-breeding	-
Blue Tit	*Cyanistes caeruleus*	Green List	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-
Bullfinch	*Pyrrhula pyrrhula*	Amber BoCC													Possible	0 / 2				
Canada Goose	*Branta canadensis*	Not-listed							Present	-	Present	-			Present	-	Present	-		
Carrion Crow	*Corvus corone*	Green List	Present	-	Present	-	Present	-	Present	-			Present	-	Present	-	Present	-	Present	-
Cetti's Warbler	*Cettia cetti*	Green List, Sch-1									Present	-	Present	-					Present	-
Chaffinch	*Fringilla coelebs*	Green List	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-
Chiffchaff	*Phylloscopus collybita*	Green List	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-
Coal Tit	*Periparus ater*	Green List			Present	-	Present	-			Present	-	Present	-	Present	-				
Collared Dove	*Streptopelia decaocto*	Green List			Present	-			Present	-	Present	-	Present	-	Present	-	Present	-		
Common Buzzard	*Buteo buteo*	Green List	Present	-	Present	-			Present	-			Present	-	Present	-	Present	-	Present	-
Common Gull	*Larus canus*	Red BoCC											Non-breeding	-						
Coot	*Fulica atra*	Green List									Present	-	Present	-			Present	-	Present	-
Cormorant	*Phalacrocorax carbo*	Green List			Present	-					Present	-					Present	-	Present	-
Corn Bunting	*Emberiza calandra*	Red BoCC									Non-breeding	-	Breeding	1 / 1						
Cuckoo	*Cuculus canorus*	Red BoCC	Breeding	1 / 2					Possible	0 / 1	Breeding	1 / 3	Possible	0 / 1	Breeding	1 / 1				
Dunnock	*Prunella modularis*	Amber BoCC	Breeding	2 / 7	Breeding	7 / 14	Breeding	7 / 14	Breeding	10 / 16	Breeding	15 / 34	Breeding	10 / 22	Breeding	15 / 26	Breeding	1 / 3	Breeding	2 / 18
Egyptian Goose	*Alopochen aegyptiaca*	Not-listed	Present	-							Present	-					Present	-		
Fieldfare	*Turdus pilaris*	Red BoCC, Sch-1									Non-breeding	-			Non-breeding	-				
Fulmar	*Fulmarus glacialis*	Amber BoCC									Non-breeding	-								

Species	Scientific Name	Conservation Status	Project Section A, B Survey Area 1		Project Section B Survey Area 2		Project Section B, C Survey Area 3		Project Section C Survey Area 4		Project Section C Survey Area 5		Project Section C Survey Area 6		Project Section D Survey Area 7		Project Section C Survey Area 8		Project Section H Survey Area 9	
			Breeding Status	Pairs	Breeding Status	Pairs	Breeding Status	Pairs	Breeding Status	Pairs	Breeding Status	Pairs	Breeding Status	Pairs	Breeding Status	Pairs	Breeding Status	Pairs	Breeding Status	Pairs
Gadwall	*Anas strepera*	Amber BoCC									Non-breeding	-							Non-breeding	-
Garden Warbler	*Sylvia borin*	Green List					Present	-			Present	-			Present	-			Present	-
Goldcrest	*Regulus regulus*	Green List	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-		
Goldfinch	*Carduelis carduelis*	Green List	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-
Great Black-backed Gull	*Larus marinus*	Red BoCC									Non-breeding	-							Non-breeding	-
Great Spotted Woodpecker	*Dendrocopos major*	Green List	Present	-	Present	-	Present	-	Present	-	Present	-			Present	-	Present	-	Present	-
Great Tit	*Parus major*	Green List	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-
Green Sandpiper	*Tringa ochropus*	Amber BoCC, Sch-1							Non-breeding	-										
Green Woodpecker	*Picus viridis*	Green List	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-
Greenfinch	*Carduelis chloris*	Red BoCC	Possible	0 / 3	Breeding	2 / 5	Possible	0 / 1	Possible	0 / 3	Breeding	4 / 16	Breeding	2 / 5	Breeding	4 / 7	Possible	0 / 1	Possible	0 / 3
Grey Heron	*Ardea cinerea*	Green List									Present	-					Present	-	Present	-
Grey Partridge	*Perdix perdix*	Red BoCC	Breeding	1 / 1			Possible	0 / 1	Breeding	1 / 2	Non-breeding	-								
Grey Wagtail	*Motacilla cinerea*	Amber BoCC									Non-breeding	-								
Greylag Goose	*Anser anser*	Amber BoCC			Non-breeding	-			Possible	0 / 2	Non-breeding	-	Non-breeding	-			Breeding	1 / 1	Non-breeding	-
Herring Gull	*Larus argentatus*	Red BoCC	Non-breeding	-			Non-breeding	-	Non-breeding	-	Non-breeding	-	Non-breeding	-	Non-breeding	-	Non-breeding	-	Non-breeding	-
Hobby	*Falco subbuteo*	Green List, Sch-1									Present	-					Present	-	Present	-
House Martin*	*Delichon urbicum*	Red BoCC							Breeding	1 / 1	Breeding	1 / 1					Possible	0 / 1	Non-breeding	-
House Sparrow*	*Passer domesticus*	Red BoCC			Breeding	2 / 2	Breeding	1 / 1	Breeding	1 / 1	Breeding	1 / 1	Breeding	1 / 2	Breeding	5 / 6				
Jackdaw	*Corvus monedula*	Green List	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-
Jay	*Garrulus glandarius*	Green List	Present	-	Present	-	Present	-			Present	-	Present	-	Present	-	Present	-	Present	-
Kestrel	*Falco tinnunculus*	Amber BoCC	Breeding	1 / 1	Possible	0 / 1			Possible	0 / 2	Breeding	2 / 3	Breeding	1 / 2	Possible	0 / 1			Breeding	1 / 2
Lapwing	*Vanellus vanellus*	Red BoCC	Breeding	1 / 1							Possible	0 / 1			Non-breeding	-				
Lesser Black-backed Gull	*Larus fuscus*	Amber BoCC			Non-breeding	-	Non-breeding	-	Non-breeding	-	Non-breeding	-	Non-breeding	-	Non-breeding	-	Non-breeding	-	Non-breeding	-
Lesser Spotted Woodpecker	*Dryobates minor*	Red BoCC			Possible	0 / 1														
Lesser Whitethroat	*Sylvia curruca*	Green List	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-			Present	-
Linnet*	*Linaria cannabina*	Red BoCC	Breeding	1 / 4	Breeding	1 / 4	Breeding	4 / 7	Breeding	4 / 8	Breeding	4 / 5	Breeding	7 / 12	Breeding	7 / 11	Breeding	2 / 3	Breeding	3 / 6
Little Grebe	*Tachybaptus ruficollis*	Green List															Present	-		
Long-tailed Tit	*Aegithalos caudatus*	Green List	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-

Species	Scientific Name	Conservation Status	Project Section A, B Survey Area 1		Project Section B Survey Area 2		Project Section B, C Survey Area 3		Project Section C Survey Area 4		Project Section C Survey Area 5		Project Section C Survey Area 6		Project Section D Survey Area 7		Project Section C Survey Area 8		Project Section H Survey Area 9	
			Breeding Status	Pairs	Breeding Status	Pairs	Breeding Status	Pairs	Breeding Status	Pairs	Breeding Status	Pairs	Breeding Status	Pairs	Breeding Status	Pairs	Breeding Status	Pairs	Breeding Status	Pairs
Magpie	*Pica pica*	Green List	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-
Mallard	*Anas platyrhynchos*	Amber BoCC	Breeding	3 / 3	Possible	0 / 1			Possible	0 / 1	Breeding	3 / 7	Breeding	1 / 2	Possible	0 / 3	Possible	0 / 2	Possible	0 / 1
Marsh Harrier	*Circus aeruginosus*	Amber BoCC, Sch-1	Present	-																
Marsh Tit	*Poecile palustris*	Red BoCC			Breeding	1 / 1					Non-breeding	-								
Meadow Pipit	*Anthus pratensis*	Amber BoCC	Possible	0 / 1					Possible	0 / 3			Possible	0 / 2						
Mediterranean Gull	*Larus melanocephalus*	Amber BoCC, Sch-1																	Present	-
Mistle Thrush	*Turdus viscivorus*	Red BoCC	Possible	0 / 1	Breeding	1 / 1			Possible	0 / 1	Breeding	7 / 10	Possible	0 / 2	Possible	0 / 2	Possible	0 / 1	Possible	0 / 1
Moorhen	*Gallinula chloropus*	Amber BoCC	Breeding	1 / 2	Possible	0 / 1	Possible	0 / 1			Breeding	5 / 6	Breeding	2 / 2			Possible	0 / 1		
Mute Swan	*Cygnus olor*	Green List									Present	-								
Nightingale	*Luscinia megarhynchos*	Red BoCC			Breeding	1 / 2			Breeding	2 / 3	Possible	0 / 1			Breeding	1 / 2			Possible	0 / 3
Nuthatch	*Sitta europaea*	Green List			Present	-	Present	-					Present	-						
Oystercatcher	*Haematopus ostralegus*	Amber BoCC									Non-breeding	-			Possible	0 / 1	Non-breeding	-		
Peregrine	*Falco peregrinus*	Green List, Sch-1					Present	-	Present	-	Present	-							Present	-
Pheasant	*Phasianus colchicus*	Not-listed	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-
Pied Wagtail	*Motacilla alba*	Green List	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-
Pochard	*Aythya ferina*	Red BoCC									Non-breeding	-								
Raven	*Corvus corax*	Green List			Present	-	Present	-											Present	-
Red Kite	*Milvus milvus*	Green List, Sch-1							Present	-	Present	-	Present	-	Present	-	Present	-		
Red-legged Partridge	*Alectoris rufa*	Not-listed	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-
Redshank	*Tringa totanus*	Amber BoCC									Non-breeding	-								
Redstart	*Phoenicurus phoenicurus*	Amber BoCC									Possible	0 / 1								
Reed Bunting	*Emberiza schoeniclus*	Amber BoCC	Possible	0 / 4			Possible	0 / 1	Breeding	1 / 2	Breeding	7 / 16								
Reed Warbler	*Acrocephalus scirpaceus*	Green List									Present	-	Present	-						
Ring-necked Parakeet	*Psittacula krameri*	Not-listed																	Present	-
Robin	*Erithacus rubecula*	Green List	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-
Rook*	*Corvus frugilegus*	Amber BoCC	Non-breeding	-			Non-breeding	-	Breeding	1 / 1	Breeding	8 / 8	Breeding	3 / 3	Breeding	1 / 1	Breeding	1 / 1	Non-breeding	-
Sand Martin	*Riparia riparia*	Green List																	Present	-

Species	Scientific Name	Conservation Status	Project Section A, B Survey Area 1		Project Section B Survey Area 2		Project Section B, C Survey Area 3		Project Section C Survey Area 4		Project Section C Survey Area 5		Project Section C Survey Area 6		Project Section D Survey Area 7		Project Section C Survey Area 8		Project Section H Survey Area 9	
			Breeding Status	Pairs	Breeding Status	Pairs	Breeding Status	Pairs	Breeding Status	Pairs	Breeding Status	Pairs	Breeding Status	Pairs	Breeding Status	Pairs	Breeding Status	Pairs	Breeding Status	Pairs
Scaup	*Aythya marila*	Red BoCC, Sch-1									Non-breeding	-								
Sedge Warbler	*Acrocephalus schoenobaenus*	Amber BoCC									Breeding	2 / 5								
Shelduck	*Tadorna tadorna*	Amber BoCC									Possible	0 / 2					Non-breeding	-		
Skylark	*Alauda arvensis*	Red BoCC	Breeding	5 / 7	Breeding	8 / 12	Breeding	11 / 26	Breeding	53 / 87	Breeding	40 / 69	Breeding	43 / 77	Breeding	20 / 42	Breeding	7 / 13	Breeding	1 / 3
Snipe	*Gallinago gallinago*	Amber BoCC															Non-breeding	-		
Song Thrush	*Turdus philomelos*	Amber BoCC	Breeding	5 / 7	Breeding	7 / 14	Breeding	13 / 20	Breeding	4 / 10	Breeding	20 / 25	Breeding	13 / 18	Breeding	4 / 13	Breeding	1 / 3	Breeding	8 / 19
Sparrowhawk	*Accipiter nisus*	Amber BoCC	Possible	0 / 1			Possible	0 / 1	Breeding	1 / 1	Non-breeding	-	Breeding	1 / 1	Possible	0 / 1	Possible	0 / 1	Possible	0 / 1
Starling*	*Sturnus vulgaris*	Red BoCC					Non-breeding	-			Non-breeding	-	Possible	0 / 1	Breeding	2 / 3			Non-breeding	-
Stock Dove	*Columba oenas*	Amber BoCC	Breeding	1 / 3	Breeding	1 / 4	Breeding	5 / 7	Breeding	1 / 1	Breeding	2 / 7	Breeding	2 / 4	Breeding	3 / 5	Breeding	1 / 3	Breeding	2 / 7
Swallow	*Hirundo rustica*	Green List	Present	-	Present	-			Present	-	Present	-	Present	-	Present	-	Present	-	Present	-
Swift	*Apus apus*	Red BoCC					Non-breeding	-			Non-breeding	-	Possible	0 / 1			Possible	0 / 1	Non-breeding	-
Tawny Owl	*Strix aluco*	Amber BoCC	Breeding	1 / 3			Possible	0 / 1	Possible	0 / 2	Non-breeding	-					Breeding	1 / 1		
Treecreeper	*Certhia familiaris*	Green List	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-	Present	-			Present	-
Tufted Duck	*Aythya fuligula*	Green List															Present	-	Present	-
Wheater	*Oenanthe oenanthe*	Amber BoCC																	Non-breeding	-
Whitethroat	*Sylvia communis*	Amber BoCC	Breeding	3 / 5	Breeding	11 / 14	Breeding	14 / 17	Breeding	15 / 26	Breeding	22 / 36	Breeding	15 / 31	Breeding	6 / 21	Possible	0 / 2	Breeding	22 / 41
Willow Tit	*Poecile montanus*	Red BoCC									Non-breeding	-								
Willow Warbler	*Phylloscopus trochilus*	Amber BoCC	Breeding	3 / 5					Possible	0 / 1							Possible	0 / 1		
Woodpigeon	*Columba palumbus*	Amber BoCC	Breeding	-	Breeding	-	Breeding	-	Breeding	-	Breeding	-	Breeding	-	Breeding	-	Breeding	-	Breeding	-
Wren	*Troglodytes troglodytes*	Amber BoCC	Breeding	-	Breeding	-	Breeding	-	Breeding	-	Breeding	-	Breeding	-	Breeding	-	Breeding	-	Breeding	-
Yellow Wagtail	*Motacilla flava*	Red BoCC							Breeding	1 / 6	Possible	0 / 3	Breeding	1 / 4	Breeding	2 / 3				
Yellowhammer	*Emberiza citrinella*	Red BoCC	Breeding	6 / 10	Breeding	6 / 17	Breeding	11 / 17	Breeding	14 / 23	Breeding	7 / 13	Breeding	12 / 20	Breeding	4 / 6	Breeding	2 / 4		

Pairs are displayed as Minimum/Maximum number of pairs. Minimum = breeding number of pairs (confirmed and probable), Maximum = breeding + possible number of pairs.

** Indicates the pair figures include number of breeding colonies or social groups rather than individual pairs.*

Annex C. Confidential Schedule 1 Results

Annex C
Confidential Schedule 1 Results

APPENDIX REMOVED AS IS CONFIDENTIAL



Annex D.
Desk Study Results

Annex D
Desk Study Results

Table A8.7.10 Breeding bird records within the Order Limits

Species	Scientific Name	Conservation Status	No. of Records	Total no. of Individuals	Max Count	Last Recorded Year
Blackbird	*Turdus merula*	Green List	5	6	2	2020
Black-headed Gull	*Chroicocephalus ridibundus*	Amber BoCC	7	9	2	2019
Blue Tit	*Cyanistes caeruleus*	Green List	7	8	2	2019
Bullfinch	*Pyrrhula pyrrhula*	Amber BoCC	3	10	4	2020
Buzzard	*Buteo buteo*	Green List	17	24	4	2020
Canada Goose	*Branta canadensis*	Not Listed	8	22	9	2020
Carrion Crow	*Corvus corone*	Green List	9	12	2	2020
Coal Tit	*Periparus ater*	Green List	1	1	1	2016
Collared Dove	*Streptopelia decaocto*	Green List	4	4	1	2019
Common Tern	*Sterna hirundo*	Amber BoCC	2	9	8	2019
Coot	*Fulica atra*	Green List	2	2	1	2018
Cormorant	*Phalacrocorax carbo*	Green List	2	1	1	2013
Cuckoo	*Cuculus canorus*	Red BoCC	4	10	4	2020
Curlew	*Numenius arquata*	Red BoCC	2	4	3	2018
Dunnock	*Prunella modularis*	Amber BoCC	7	8	2	2020
Gadwall	*Mareca strepera*	Amber BoCC	3	12	10	2018
Goldcrest	*Regulus regulus*	Green List	4	7	2	2020
Goldfinch	*Carduelis carduelis*	Green List	5	6	2	2019
Great Spotted Woodpecker	*Dendrocopos major*	Green List	7	13	5	2020
Great Tit	*Parus major*	Green List	6	7	2	2019
Great White Egret	*Ardea alba*	Amber BoCC	1	1	1	2016

Species	Scientific Name	Conservation Status	No. of Records	Total no. of Individuals	Max Count	Last Recorded Year
Green Woodpecker	*Picus viridis*	Green List	6	11	5	2020
Greenfinch	*Chloris chloris*	Red BoCC	4	21	16	2020
Grey Heron	*Ardea cinerea*	Green List	4	5	2	2020
Grey Partridge	*Perdix perdix*	Red BoCC	1	1	1	2020
Grey Wagtail	*Motacilla cinerea*	Amber BoCC	4	8	5	2020
Greylag Goose	*Anser anser*	Amber BoCC	8	19	6	2020
Herring Gull	*Larus argentatus*	Red BoCC	2	2	1	2020
House Martin	*Delichon urbicum*	Red BoCC	7	20	9	2020
House Sparrow	*Passer domesticus*	Red BoCC	3	3	1	2019
Jackdaw	*Coloeus monedula*	Green List	5	6	2	2018
Jay	*Garrulus glandarius*	Green List	3	4	2	2020
Kestrel	*Falco tinnunculus*	Amber BoCC	13	19	3	2020
Lapwing	*Vanellus vanellus*	Red BoCC	3	37	20	2019
Lesser Black-backed Gull	*Larus fuscus*	Amber BoCC	4	6	2	2020
Lesser Redpoll	*Acanthis cabaret*	Red BoCC	2	5	4	2018
Linnet	*Linaria cannabina*	Red BoCC	12	54	30	2020
Little Egret	*Egretta garzetta*	Green List	8	11	2	2020
Little Grebe	*Tachybaptus ruficollis*	Green List	3	4	2	2019
Little Owl	*Athene noctua*	Not Listed	2	2	1	2020
Magpie	*Pica pica*	Green List	5	6	2	2019
Mallard	*Anas platyrhynchos*	Amber BoCC	10	21	7	2020
Mandarin Duck	*Aix galericulata*	Not Listed	1	1	1	2020
Meadow Pipit	*Anthus pratensis*	Amber BoCC	4	11	4	2020
Mistle Thrush	*Turdus viscivorus*	Red BoCC	6	9	4	2019
Moorhen	*Gallinula chloropus*	Amber BoCC	3	8	6	2019
Mute Swan	*Cygnus olor*	Green List	5	14	6	2020
Nuthatch	*Sitta europaea*	Green List	1	1	1	2016

Species	Scientific Name	Conservation Status	No. of Records	Total no. of Individuals	Max Count	Last Recorded Year
Oystercatcher	*Haematopus ostralegus*	Amber BoCC	3	9	4	2020
Pied Wagtail	*Motacilla alba*	Green List	6	10	3	2020
Red-legged Partridge	*Alectoris rufa*	Not Listed	4	4	1	2018
Redshank	*Tringa totanus*	Amber BoCC	2	9	8	2015
Redstart	*Phoenicurus phoenicurus*	Amber BoCC	1	1	1	2013
Reed Bunting	*Emberiza schoeniclus*	Amber BoCC	8	16	7	2020
Ringed Plover	*Charadrius hiaticula*	Red BoCC	1	1	1	2018
Robin	*Erithacus rubecula*	Green List	5	6	2	2019
Rook	*Corvus frugilegus*	Amber BoCC	6	7	2	2018
Sand Martin	*Riparia riparia*	Green List	2	4	3	2018
Shelduck	*Tadorna tadorna*	Amber BoCC	4	16	13	2020
Siskin	*Spinus spinus*	Green List	1	2	2	2013
Skylark	*Alauda arvensis*	Red BoCC	14	27	5	2020
Snipe	*Gallinago gallinago*	Amber BoCC	7	37	16	2020
Song Thrush	*Turdus philomelos*	Amber BoCC	8	12	3	2020
Sparrowhawk	*Accipiter nisus*	Amber BoCC	6	6	1	2019
Spotted Flycatcher	*Muscicapa striata*	Red BoCC	1	1	1	2016
Starling	*Sturnus vulgaris*	Red BoCC	7	13	6	2019
Stock Dove	*Columba oenas*	Amber BoCC	6	10	3	2020
Stonechat	*Saxicola rubicola*	Green List	2	4	3	2014
Swallow	*Hirundo rustica*	Green List	9	16	4	2020
Swift	*Apus apus*	Red BoCC	5	7	4	2021
Tawny Owl	*Strix aluco*	Amber BoCC	1	1	1	2015
Teal	*Anas crecca*	Amber BoCC	5	45	22	2020
Treecreeper	*Certhia familiaris*	Green List	2	7	5	2019
Tufted Duck	*Aythya fuligula*	Green List	4	5	2	2014

Species	Scientific Name	Conservation Status	No. of Records	Total no. of Individuals	Max Count	Last Recorded Year
Turtle Dove	*Streptopelia turtur*	Red BoCC	3	3	1	2020
Water Rail	*Rallus aquaticus*	Green List	1	2	2	2020
Whitethroat	*Sylvia communis*	Amber BoCC	1	3	3	2020
Wigeon	*Anas penelope*	Amber BoCC	3	11	7	2018
Woodcock	*Scolopax rusticola*	Red BoCC	2	2	1	2017
Woodpigeon	*Columba palumbus*	Amber BoCC	10	11	2	2019
Wren	*Troglodytes troglodytes*	Amber BoCC	10	10	1	2021
Yellow Wagtail	*Motacilla flava*	Red BoCC	3	11	6	2020
Yellowhammer	*Emberiza citrinella*	Red BoCC	12	20	6	2021

Table A8.7.11 Breeding bird records within the 2 km buffer

Species	Scientific Name	Conservation Status	No. of Records	Total no. of Individuals	Max Count	Last Recorded Year
Black Swan	*Cygnus atratus*	Not Listed	3	3	1	2018
Blackbird	*Turdus merula*	Green List	298	1342	102	2020
Black-headed Gull	*Chroicocephalus ridibundus*	Amber BoCC	316	2793	400	2021
Blue Tit	*Cyanistes caeruleus*	Green List	297	1307	117	2020
Bullfinch	*Pyrrhula pyrrhula*	Amber BoCC	136	434	64	2021
Buzzard	*Buteo buteo*	Green List	431	1271	58	2022
Canada Goose	*Branta canadensis*	Not Listed	132	985	90	2020
Carrion Crow	*Corvus corone*	Green List	294	1197	140	2020
Cattle Egret	*Bubulcus ibis*	Amber BoCC	1	1	1	2019
Coal Tit	*Periparus ater*	Green List	86	330	115	2020
Collared Dove	*Streptopelia decaocto*	Green List	204	712	98	2020
Common Tern	*Sterna hirundo*	Amber BoCC	84	321	44	2022
Coot	*Fulica atra*	Green List	196	1302	99	2020

Species	Scientific Name	Conservation Status	No. of Records	Total no. of Individuals	Max Count	Last Recorded Year
Cormorant	*Phalacrocorax carbo*	Green List	148	575	73	2020
Corn Bunting	*Emberiza calandra*	Red BoCC	26	111	18	2020
Crane	*Grus grus*	Amber BoCC	3	5	2	2020
Cuckoo	*Cuculus canorus*	Red BoCC	131	304	28	2021
Curlew	*Numenius arquata*	Red BoCC	45	322	108	2020
Dunnock	*Prunella modularis*	Amber BoCC	252	1006	150	2022
Egyptian Goose	*Alopochen aegyptiaca*	Not Listed	25	76	10	2021
Gadwall	*Mareca strepera*	Amber BoCC	56	347	36	2020
Goldcrest	*Regulus regulus*	Green List	111	487	149	2020
Goldfinch	*Carduelis carduelis*	Green List	251	1157	101	2020
Grasshopper Warbler	*Locustella naevia*	Red BoCC	7	17	7	2020
Great Crested Grebe	*Podiceps cristatus*	Green List	165	889	93	2021
Great Spotted Woodpecker	*Dendrocopos major*	Green List	186	1140	239	2020
Great Tit	*Parus major*	Green List	258	1033	99	2020
Great White Egret	*Ardea alba*	Amber BoCC	20	20	2	2021
Green Woodpecker	*Picus viridis*	Green List	235	1423	269	2020
Greenfinch	*Chloris chloris*	Red BoCC	211	606	30	2021
Grey Heron	*Ardea cinerea*	Green List	165	456	48	2020
Grey Partridge	*Perdix perdix*	Red BoCC	30	48	12	2021
Grey Wagtail	*Motacilla cinerea*	Amber BoCC	109	259	32	2021
Greylag Goose	*Anser anser*	Amber BoCC	116	376	42	2022
Hawfinch	*Coccothraustes coccothraustes*	Red BoCC	14	54	22	2018
Herring Gull	*Larus argentatus*	Red BoCC	168	1506	1000	2020
House Martin	*Delichon urbicum*	Red BoCC	147	427	50	2021
House Sparrow	*Passer domesticus*	Red BoCC	241	893	126	2021

Species	Scientific Name	Conservation Status	No. of Records	Total no. of Individuals	Max Count	Last Recorded Year
Jackdaw	*Coloeus monedula*	Green List	118	356	36	2018
Jay	*Garrulus glandarius*	Green List	169	693	147	2020
Kestrel	*Falco tinnunculus*	Amber BoCC	332	771	49	2022
Lapwing	*Vanellus vanellus*	Red BoCC	93	425	62	2020
Lesser Black-backed Gull	*Larus fuscus*	Amber BoCC	206	526	21	2021
Lesser Redpoll	*Acanthis cabaret*	Red BoCC	72	236	27	2020
Lesser Spotted Woodpecker	*Dryobates minor*	Red BoCC	14	59	1	2017
Linnet	*Linaria cannabina*	Red BoCC	193	1078	28	2021
Little Egret	*Egretta garzetta*	Green List	150	410	200	2021
Little Grebe	*Tachybaptus ruficollis*	Green List	93	307	31	2020
Little Owl	*Athene noctua*	Not Listed	99	154	13	2021
Long-eared Owl	*Asio otus*	Green List	4	5	2	2019
Magpie	*Pica pica*	Green List	307	1317	153	2020
Mallard	*Anas platyrhynchos*	Amber BoCC	214	1322	143	2020
Mandarin Duck	*Aix galericulata*	Not Listed	20	31	4	2020
Marsh Tit	*Poecile palustris*	Red BoCC	37	56	3	2022
Meadow Pipit	*Anthus pratensis*	Amber BoCC	103	346	30	2020
Mistle Thrush	*Turdus viscivorus*	Red BoCC	144	357	55	2022
Moorhen	*Gallinula chloropus*	Amber BoCC	275	1276	137	2022
Mute Swan	*Cygnus olor*	Green List	151	845	67	2021
Nightingale	*Luscinia megarhynchos*	Red BoCC	47	109	19	2020
Nuthatch	*Sitta europaea*	Green List	65	392	263	2020
Oystercatcher	*Haematopus ostralegus*	Amber BoCC	62	222	40	2020
Pied Wagtail	*Motacilla alba*	Green List	111	303	26	2020
Pochard	*Aythya ferina*	Red BoCC	41	193	26	2020
Red-legged Partridge	*Alectoris rufa*	Not Listed	94	186	20	2020
Redshank	*Tringa totanus*	Amber BoCC	31	98	21	2017

Species	Scientific Name	Conservation Status	No. of Records	Total no. of Individuals	Max Count	Last Recorded Year
Redstart	*Phoenicurus phoenicurus*	Amber BoCC	10	11	2	2020
Reed Bunting	*Emberiza schoeniclus*	Amber BoCC	123	319	60	2021
Ringed Plover	*Charadrius hiaticula*	Red BoCC	24	96	45	2020
Robin	*Erithacus rubecula*	Green List	272	1192	112	2020
Rook	*Corvus frugilegus*	Amber BoCC	227	1254	132	2022
Sand Martin	*Riparia riparia*	Green List	48	163	41	2020
Sedge Warbler	*Acrocephalus schoenobaenus*	Amber BoCC	7	7	2	2020
Shelduck	*Tadorna tadorna*	Amber BoCC	80	505	106	2020
Shoveler	*Anas clypeata*	Amber BoCC	13	72	26	2020
Siskin	*Spinus spinus*	Green List	37	93	16	2018
Skylark	*Alauda arvensis*	Red BoCC	241	995	268	2021
Snipe	*Gallinago gallinago*	Amber BoCC	50	141	16	2020
Song Thrush	*Turdus philomelos*	Amber BoCC	253	658	1	2022
Sparrowhawk	*Accipiter nisus*	Amber BoCC	220	769	73	2022
Spotted Flycatcher	*Muscicapa striata*	Red BoCC	65	130	11	2020
Starling	*Sturnus vulgaris*	Red BoCC	269	1147	150	2022
Stock Dove	*Columba oenas*	Amber BoCC	129	380	32	2020
Stonechat	*Saxicola rubicola*	Green List	44	245	86	2020
Swallow	*Hirundo rustica*	Green List	199	577	66	2020
Swift	*Apus apus*	Red BoCC	259	1334	250	2021
Tawny Owl	*Strix aluco*	Amber BoCC	77	214	55	2021
Teal	*Anas crecca*	Amber BoCC	93	1105	150	2020
Tree Pipit	*Anthus trivialis*	Red BoCC	8	10	2	2020
Tree Sparrow	*Passer montanus*	Red BoCC	8	42	30	2020
Treecreeper	*Certhia familiaris*	Green List	73	486	178	2020
Tufted Duck	*Aythya fuligula*	Green List	114	1008	115	2020
Turtle Dove	*Streptopelia turtur*	Red BoCC	85	141	17	2021
Water Rail	*Rallus aquaticus*	Green List	46	107	19	2020

Species	Scientific Name	Conservation Status	No. of Records	Total no. of Individuals	Max Count	Last Recorded Year
Whitethroat	*Sylvia communis*	Amber BoCC	35	101	39	2021
Wigeon	*Anas penelope*	Amber BoCC	36	425	194	2020
Willow Warbler	*Phylloscopus trochilus*	Amber BoCC	73	157	21	2020
Wood Warbler	*Phylloscopus sibilatrix*	Red BoCC	3	3	2	2020
Woodcock	*Scolopax rusticola*	Red BoCC	57	90	8	2020
Woodpigeon	*Columba palumbus*	Amber BoCC	356	1536	107	2020
Wren	*Troglodytes troglodytes*	Amber BoCC	290	975	107	2021
Yellow Wagtail	*Motacilla flava*	Red BoCC	72	193	29	2020
Yellowhammer	*Emberiza citrinella*	Red BoCC	200	414	34	2021

National Grid plc
National Grid House,
Warwick Technology Park,
Gallows Hill, Warwick.
CV34 6DA United Kingdom

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