

# Sea Link

## Volume 6: Environmental Statement

Document 6.4.2.9

Part 2 Suffolk

Chapter 9

Noise and Vibration - Figures

Planning Inspectorate Reference: EN020026

Version: **BA**

**September~~March~~** 2025

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

# Contents

## Application Document 6.4.2.9 Noise and Vibration – Figures

Application Document 6.4.2.9.1 Noise Study Areas, Survey Locations, and Potential Receptors - Suffolk Onshore Scheme

Application Document 6.4.2.9.2 Construction Noise Assessment Outputs (Daytime - Without Mitigation) - Suffolk Onshore Scheme

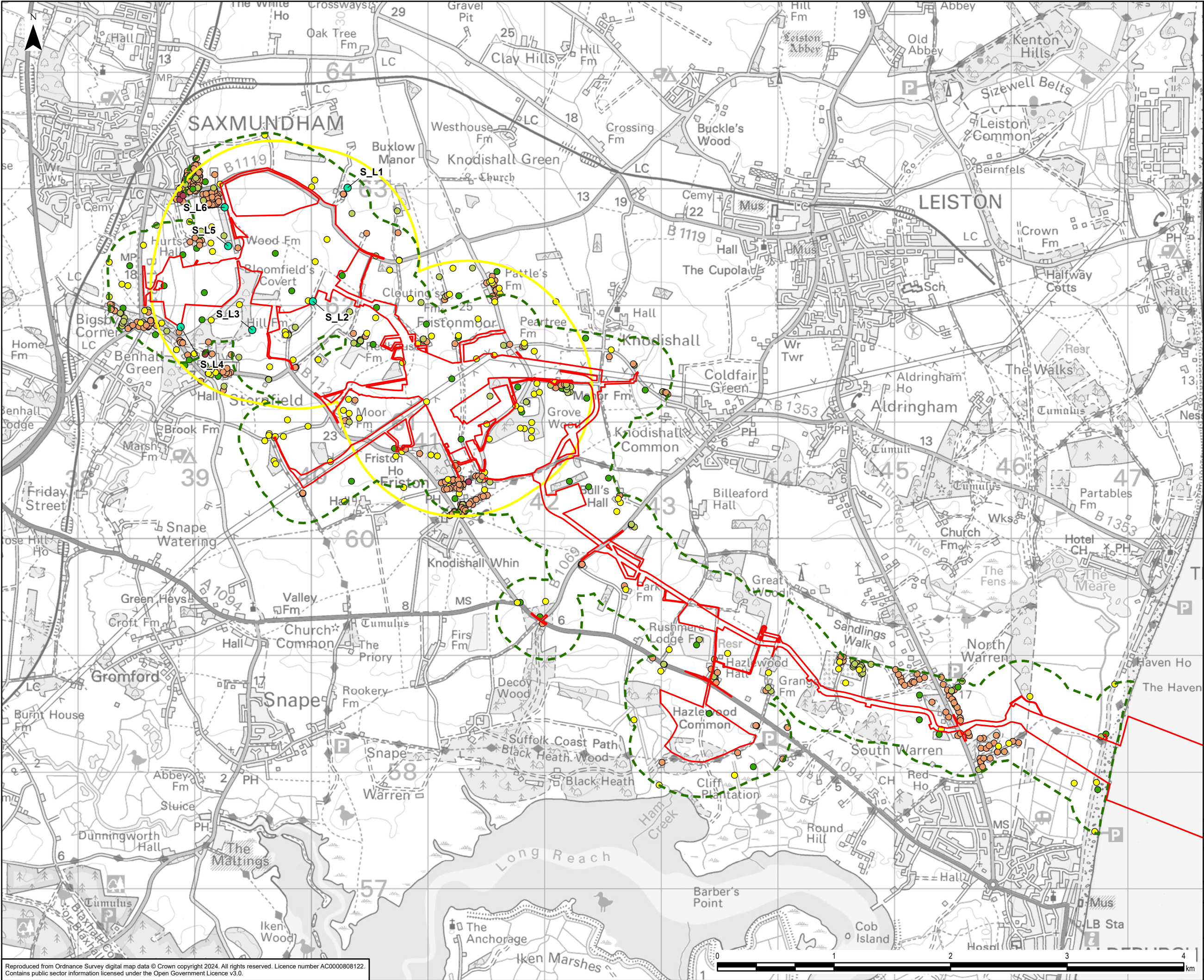
Application Document 6.4.2.9.3 Construction Noise Assessment Outputs (Nighttime - Without Mitigation) - Suffolk Onshore Scheme

Application Document 6.4.2.9.4 Construction Vibration Assessment Outputs (Without Mitigation) - Suffolk Onshore Scheme

[Application Document 6.4.2.9.5 Construction Noise and Vibration 'Hot-Spot' Receptor Location IDS - Suffolk Onshore Scheme](#)

<u>Version History</u>			
<u>Date</u>	<u>Issue</u>	<u>Status</u>	<u>Description/ Changes</u>
<u>March 2025</u>	<u>A</u>	<u>Final</u>	<u>For DCO submission</u>
<u>September 2025</u>	<u>B</u>	<u>Final</u>	<u>Update to reflect S89(3) Procedural Decision from the Examining Authority</u>





Legend

Draft Order Limits

300m Construction Noise Study Area

1km Operational Study Area

Noise Survey Locations

Address Receptor

Attraction, Sports and Entertainment

Commercial

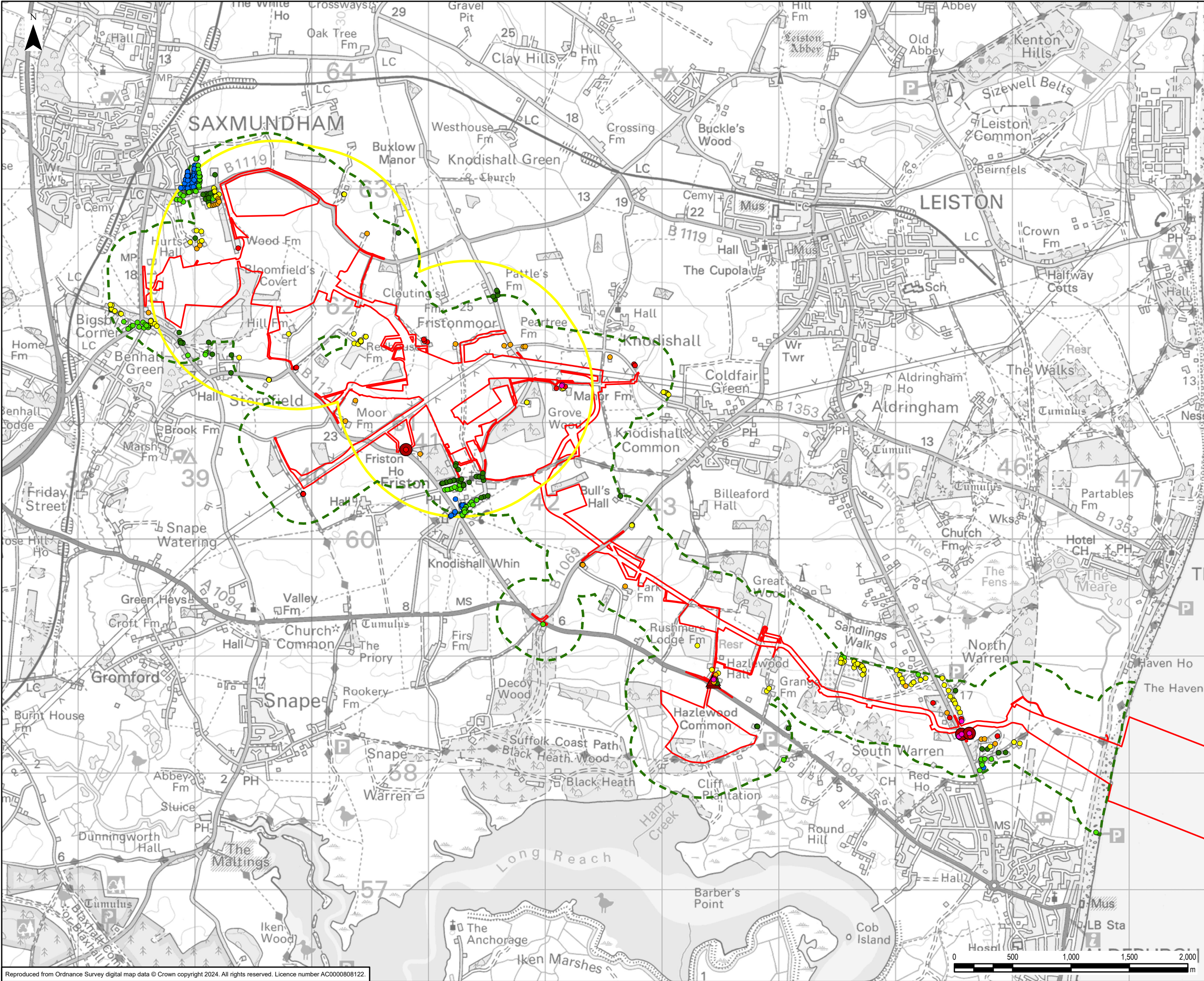
Community Services

Residential

Other

0	16/01/2025	ENVIRONMENTAL STATEMENT	EB	DF	DG
Rev	Date	Description	GIS	Chk	App
nationalgrid					
Scheme: SEA LINK					
Document Title: NOISE STUDY AREAS, SURVEY LOCATIONS, AND POTENTIAL RECEPTORS - SUFFOLK ONSHORE SCHEME					
Creator: EB	Date: 16/01/2025	Checker: DF	Date: 16/01/2025	Approver: DG	Date: 16/01/2025
Document Ref: FIGURE 6.4.2.9.1	Scale: 1:30,000	Format: A3	Sheets: 1	Rev: 0	





Legend

- Draft Order Limits
- 300m Construction Noise Study Area
- 1km Operational Study Area

Day Levels (dBA)

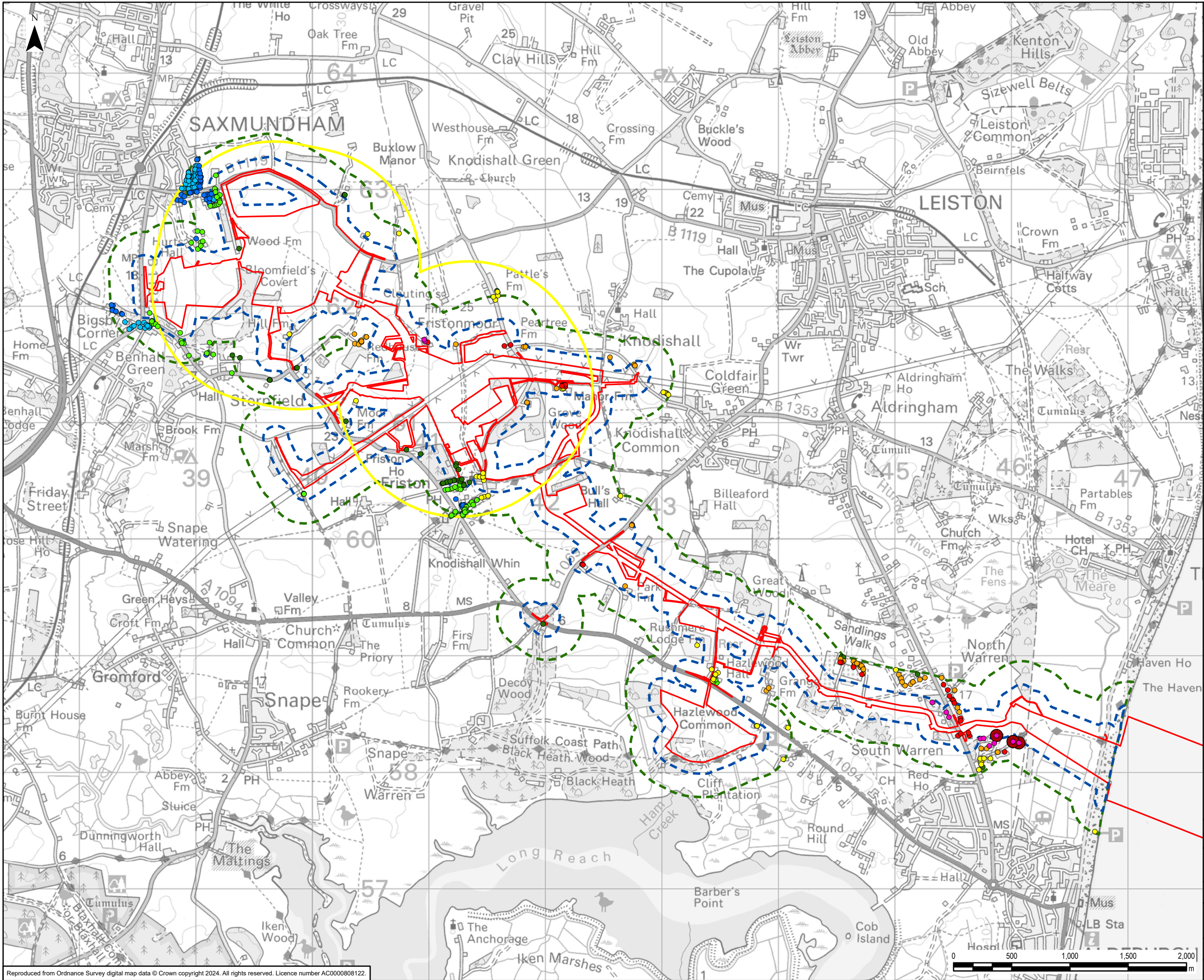
- 41 - 45
- 46 - 50
- 51 - 55
- 56 - 60
- 61 - 65
- 66 - 70
- 71 - 75

Day Significance (Without Mitigation)

- Significant Adverse Effect - Non-Residential
- Significant Adverse Effect - Residential

0	16/01/2025	ENVIRONMENTAL STATEMENT	EB	DF	DG
Rev	Date	Description	GIS	Chk	App
nationalgrid					
Scheme: SEA LINK					
Document Title: CONSTRUCTION NOISE ASSESSMENT OUTPUTS (DAYTIME - WITHOUT MITIGATION) - SUFFOLK ONSHORE SCHEME					
Creator: EB	Date: 16/01/2025	Checker: DF	Date: 16/01/2025	Approver: DG	Date: 16/01/2025
Document Ref: FIGURE 6.4.2.9.2	Scale: 1:30,000	Format: A3	Sheets: 1	Rev: 0	





Legend

- Draft Order Limits
- 300m Construction Noise Study Area
- 1km Operational Study Area

Night Levels (dBA)

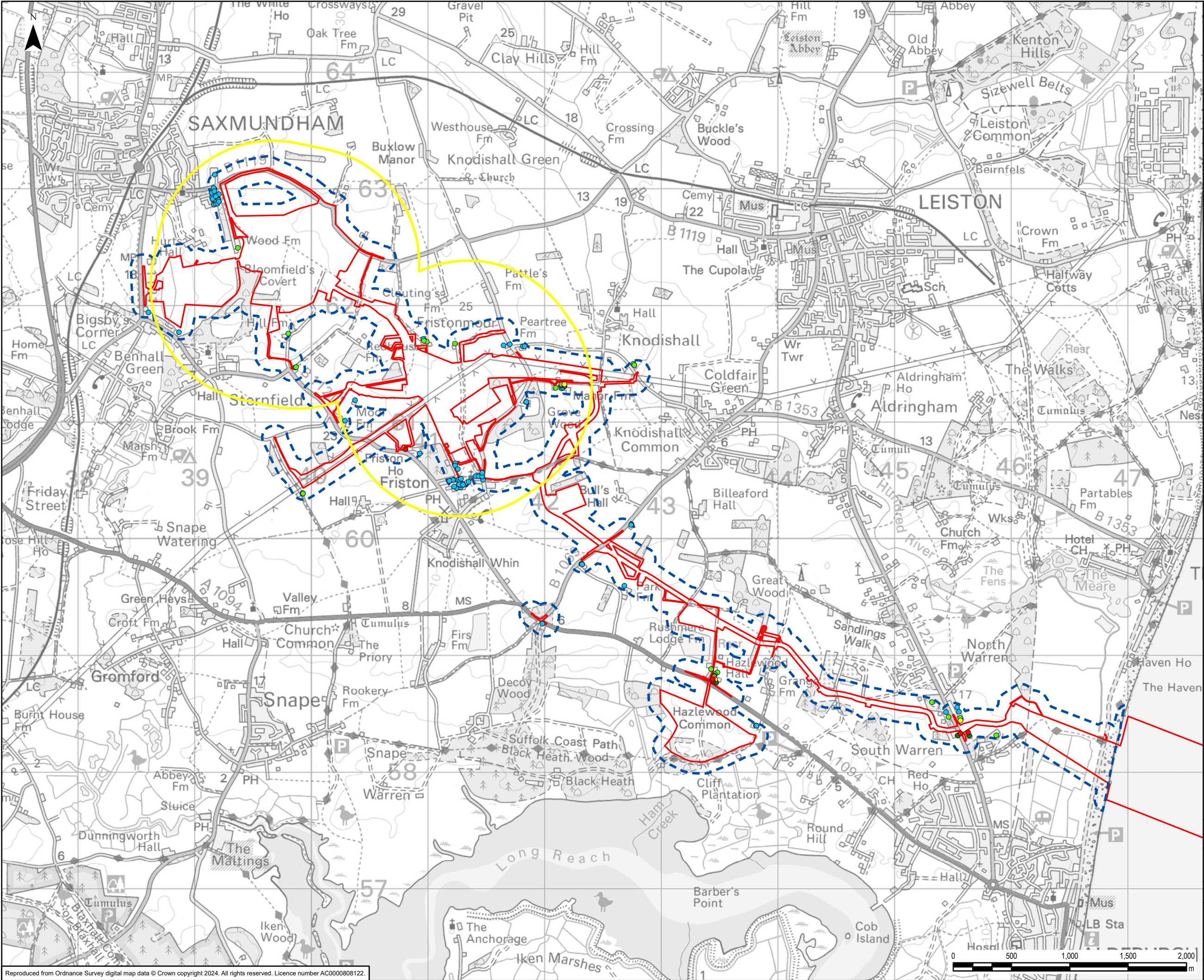
- < 10
- 11 - 15
- 16 - 20
- 21 - 25
- 26 - 30
- 31 - 35
- 36 - 40
- > 40

Night Significance (Without Mitigation)

- Significant Adverse Effect - Residential
- 100m Construction Vibration Study Area

0	16/01/2025	ENVIRONMENTAL STATEMENT	EB	DF	DG
Rev	Date	Description	GIS	Chk	App
nationalgrid					
Scheme: SEA LINK					
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Creator: EB	Date: 16/01/2025	Checker: DF	Date: 16/01/2025	Approver: DG	Date: 16/01/2025
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Legend

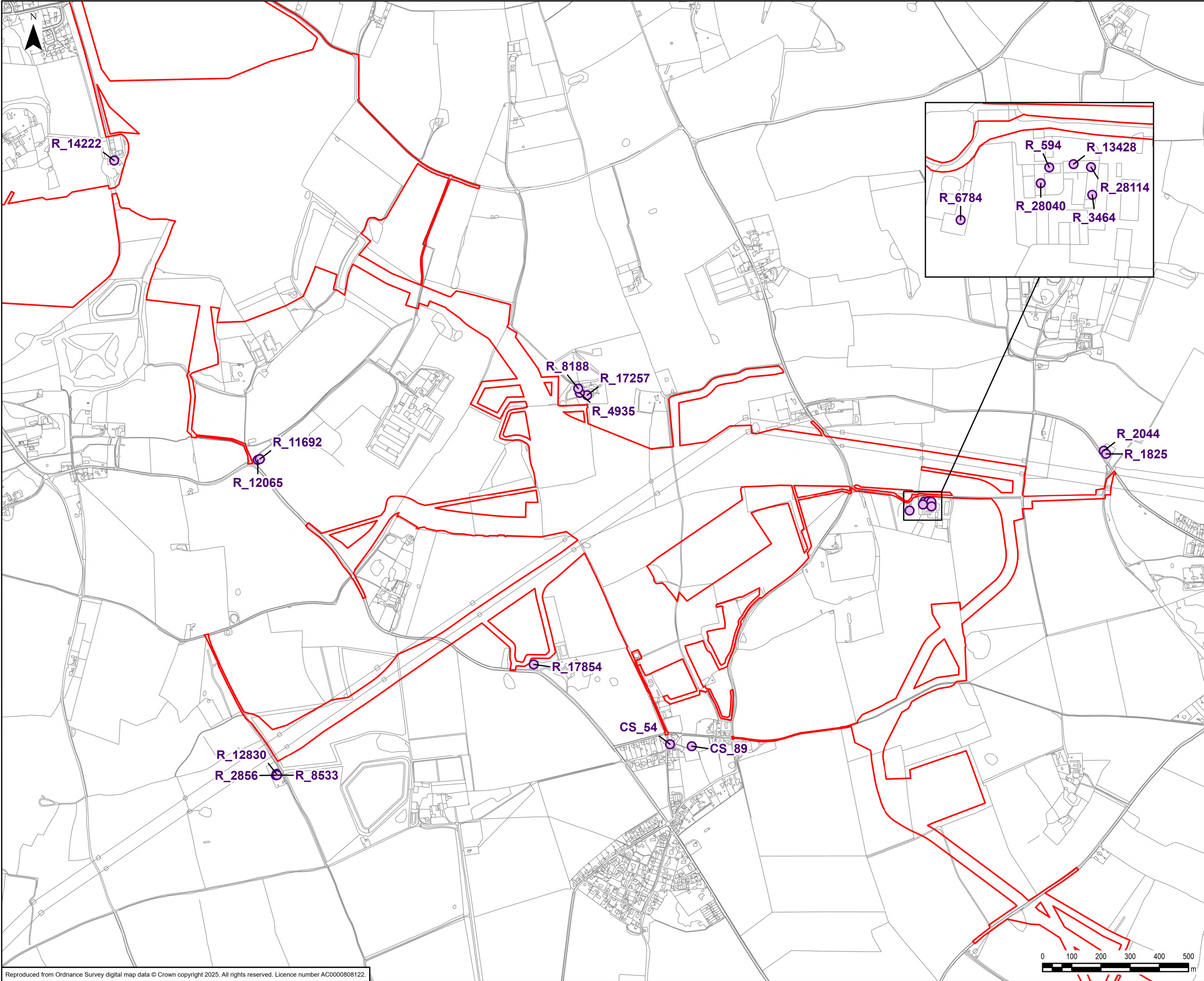
- Draft Order Limits
- 100m Construction Vibration Study Area
- 1km Operational Study Area

Vibration Levels (mm/s PPV)

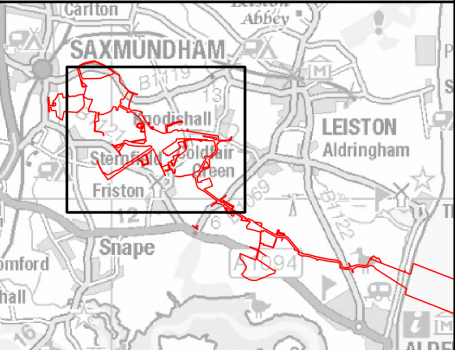
- < 0.1
- 0.11 - 0.25
- 0.26 - 0.49
- 0.5 - 0.99
- > 1

0	16/01/2025	ENVIRONMENTAL STATEMENT	EB	DF	DG
Rev	Date	Description	GIS	Chk	App
nationalgrid					
Scheme: SEA LINK					
Document Title: CONSTRUCTION VIBRATION ASSESSMENT OUTPUTS (WITHOUT MITIGATION) - SUFFOLK ONSHORE SCHEME					
Creator: EB	Date: 16/01/2025	Checker: DF	Date: 16/01/2025	Approver: DG	Date: 16/01/2025
Document Ref: FIGURE 6.4.2.9.4	Scale: 1:30,000	Format: A3	Sheets: 1	Rev: 0	





- Legend
- Draft Order Limits
  - Construction Noise and Vibration 'Hot-Spot' Receptor



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Rev	Date	Description	GIS	Chk	App

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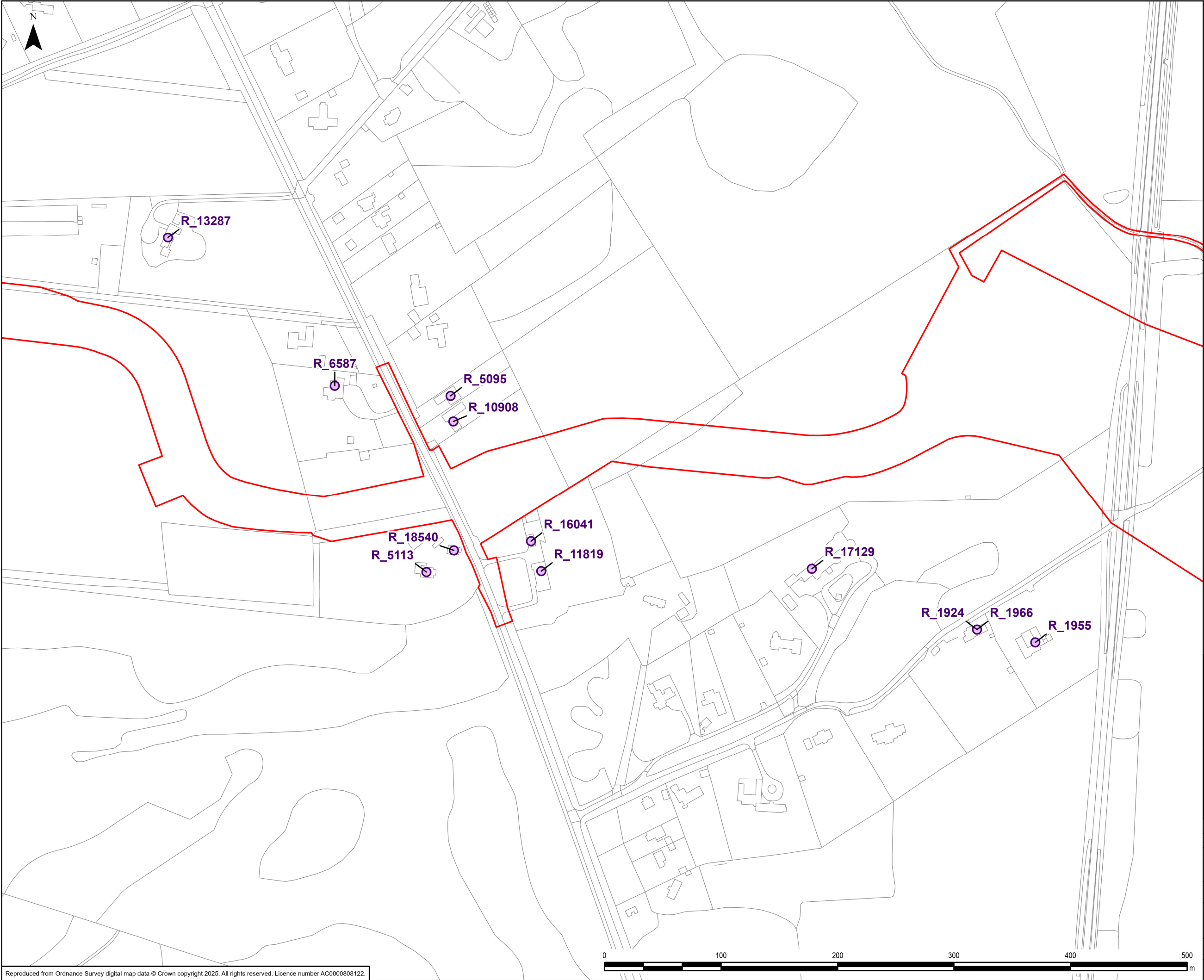
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CONSTRUCTION NOISE AND VIBRATION 'HOT-SPOT' RECEPTOR LOCATION IDS – SUFFOLK ONSHORE SCHEME

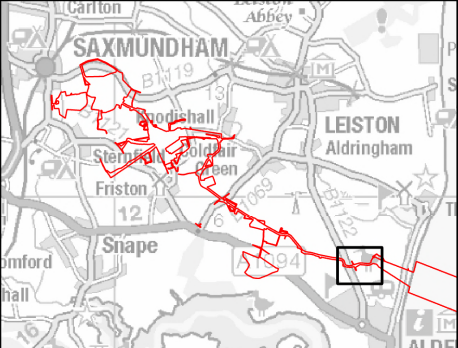
Creator: EB	Date: 12/09/2025	Checker: DF	Date: 12/09/2025	Approver: DG	Date: 12/09/2025
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- Legend
- Draft Order Limits
  - Construction Noise and Vibration 'Hot-Spot' Receptor



0	12/09/2025	EXAMINING AUTHORITY REQUEST (5TH SEPTEMBER)	EB	DF	DG
Rev	Date	Description	GIS	Chk	App

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Scheme: SEA LINK

Document Title:  
CONSTRUCTION NOISE AND VIBRATION 'HOT-SPOT' RECEPTOR LOCATION IDS – SUFFOLK ONSHORE SCHEME

Creator: EB	Date: 12/09/2025	Checker: DF	Date: 12/09/2025	Approver: DG	Date: 12/09/2025
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Document Ref: FIGURE 6.4.2.9.5	Scale: 1:3,000	Format: A3	Sheets: 1	Rev: 0
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