

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: A

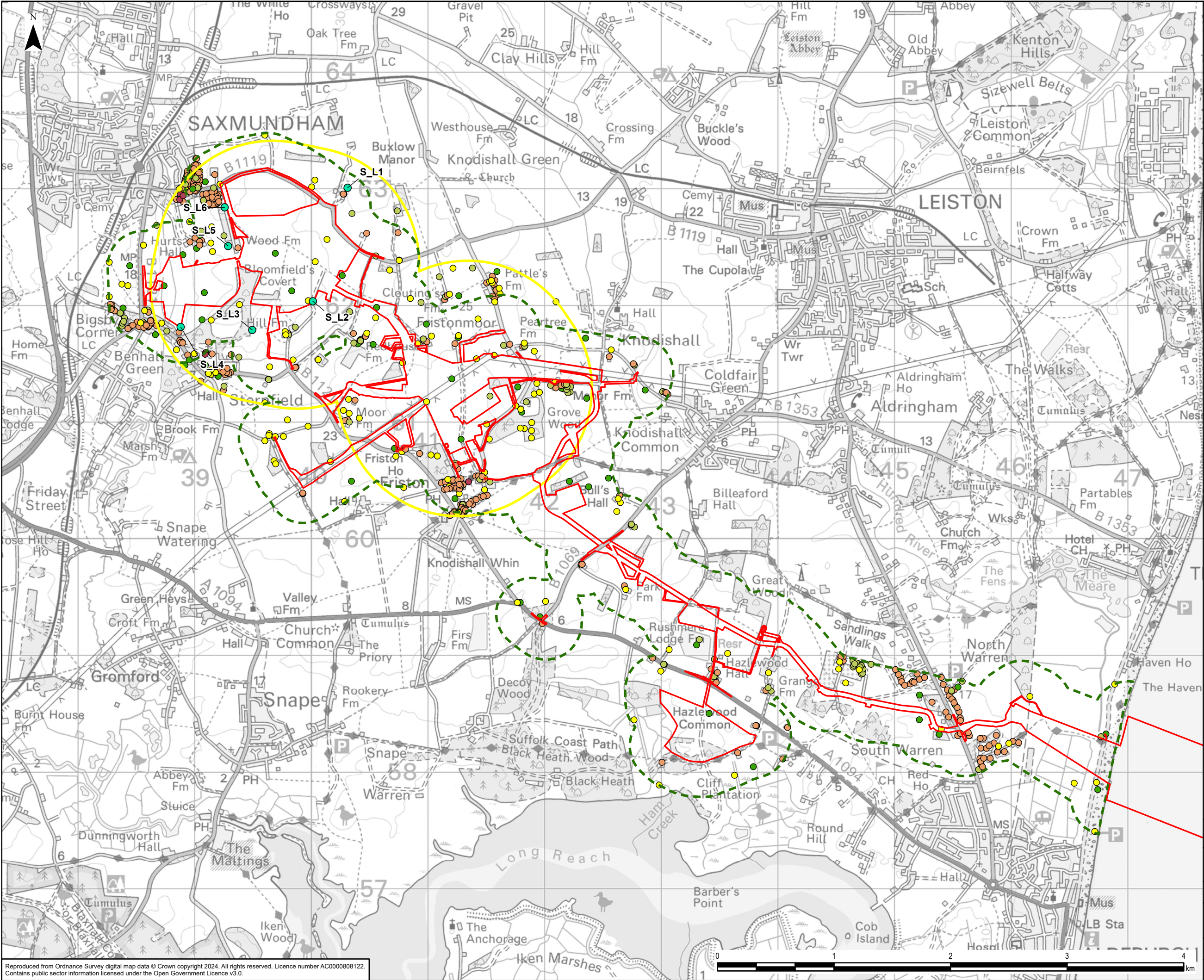
March 2025

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



Legend

Draft Order Limits

300m Construction Noise Study Area

1km Operational Study Area

Noise Survey Locations

Address Receptor

Attraction, Sports and Entertainment

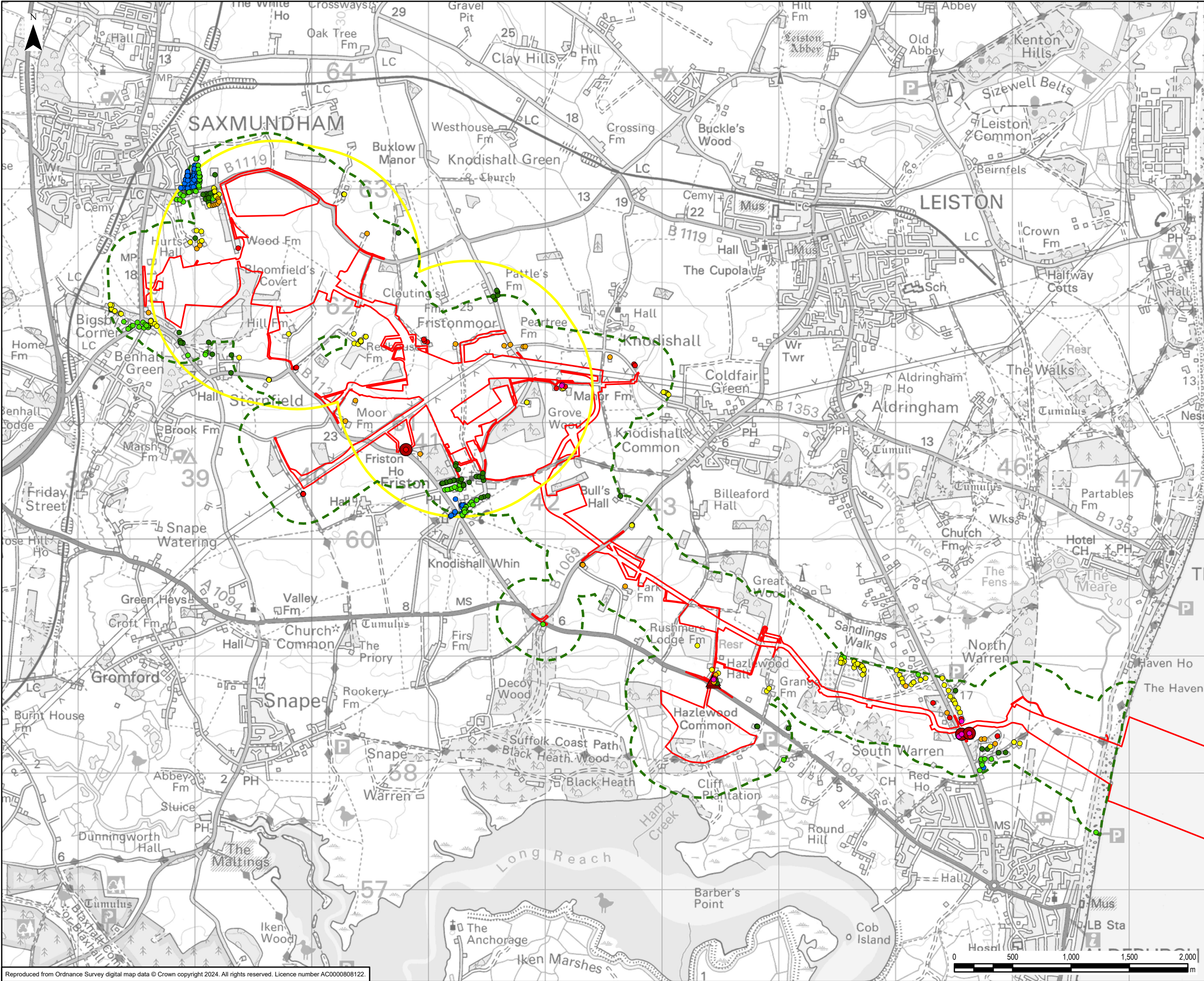
Commercial

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)

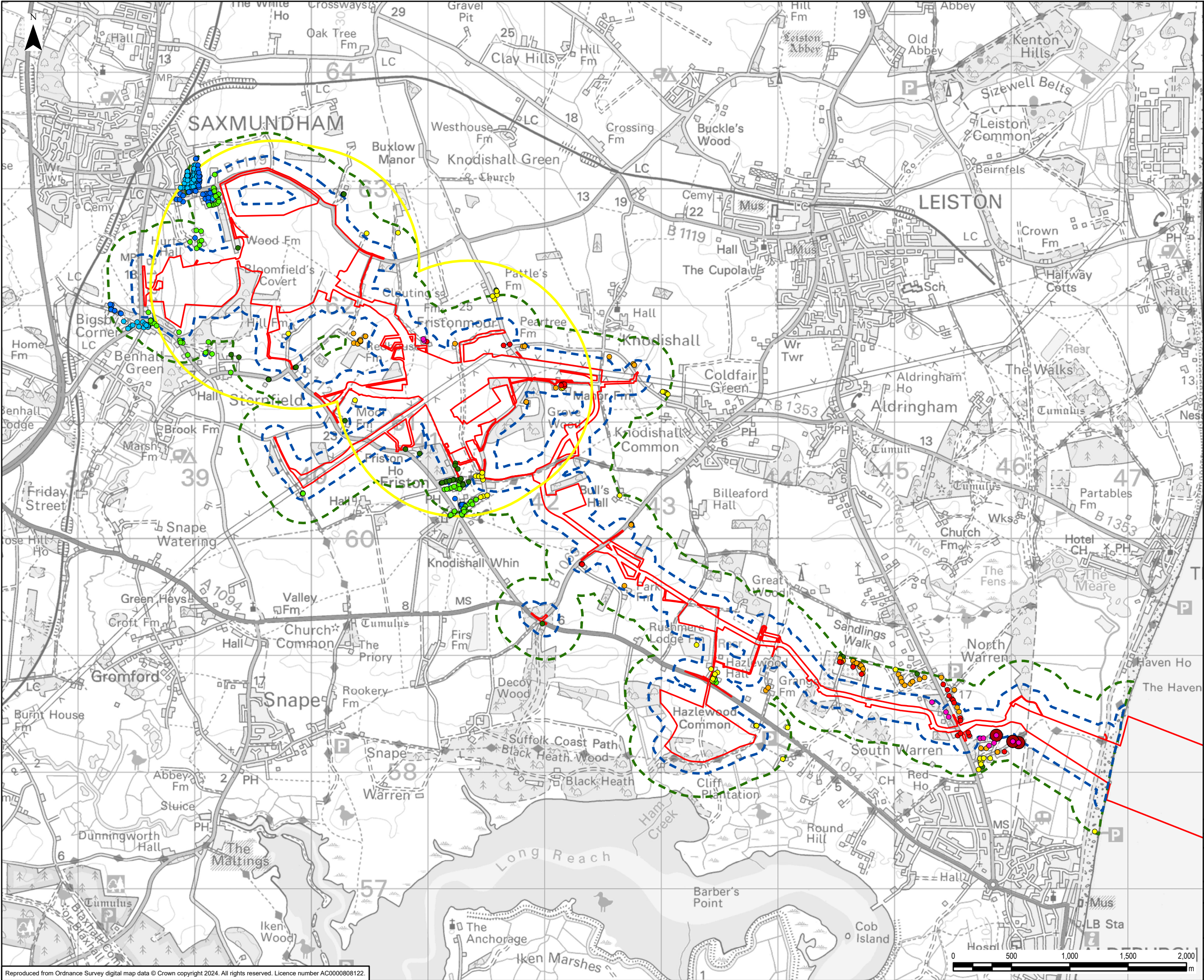
▲

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

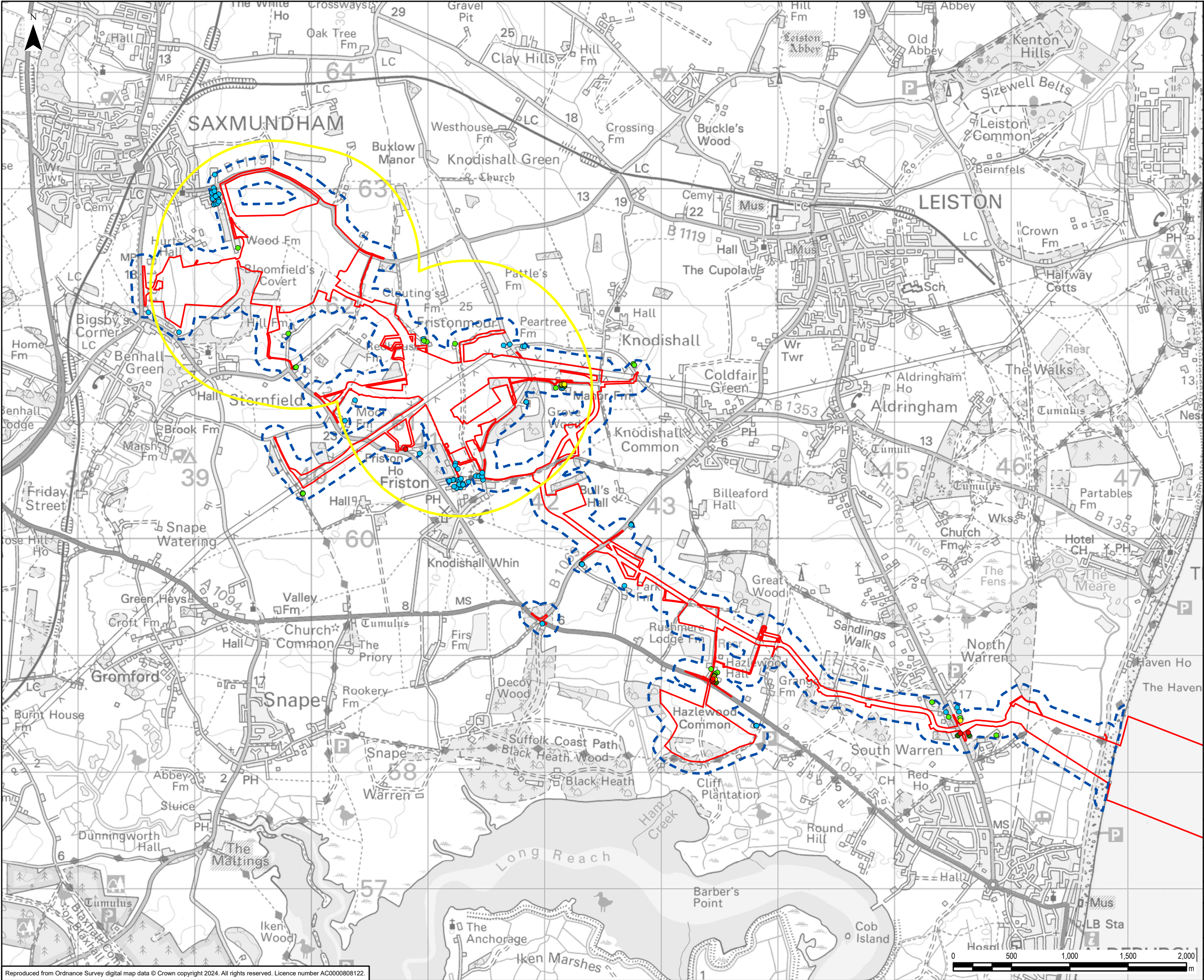
Night Levels (dBA)

- < 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					
Document Title: CONSTRUCTION NOISE ASSESSMENT OUTPUTS (NIGHTTIME - 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 6.4.2.9.3	Scale: 1:30,000	Format: A3	Sheets: 1	Rev: 0	



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	

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

Registered in England and Wales
No. 4031152
nationalgrid.com