

# Sea Link

## Volume 6: Environmental Statement

Document 6.4.3.9

Part 3 Kent

Chapter 9

Noise and Vibration - Figures

Planning Inspectorate Reference: EN020026

Version: B

September 2025

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

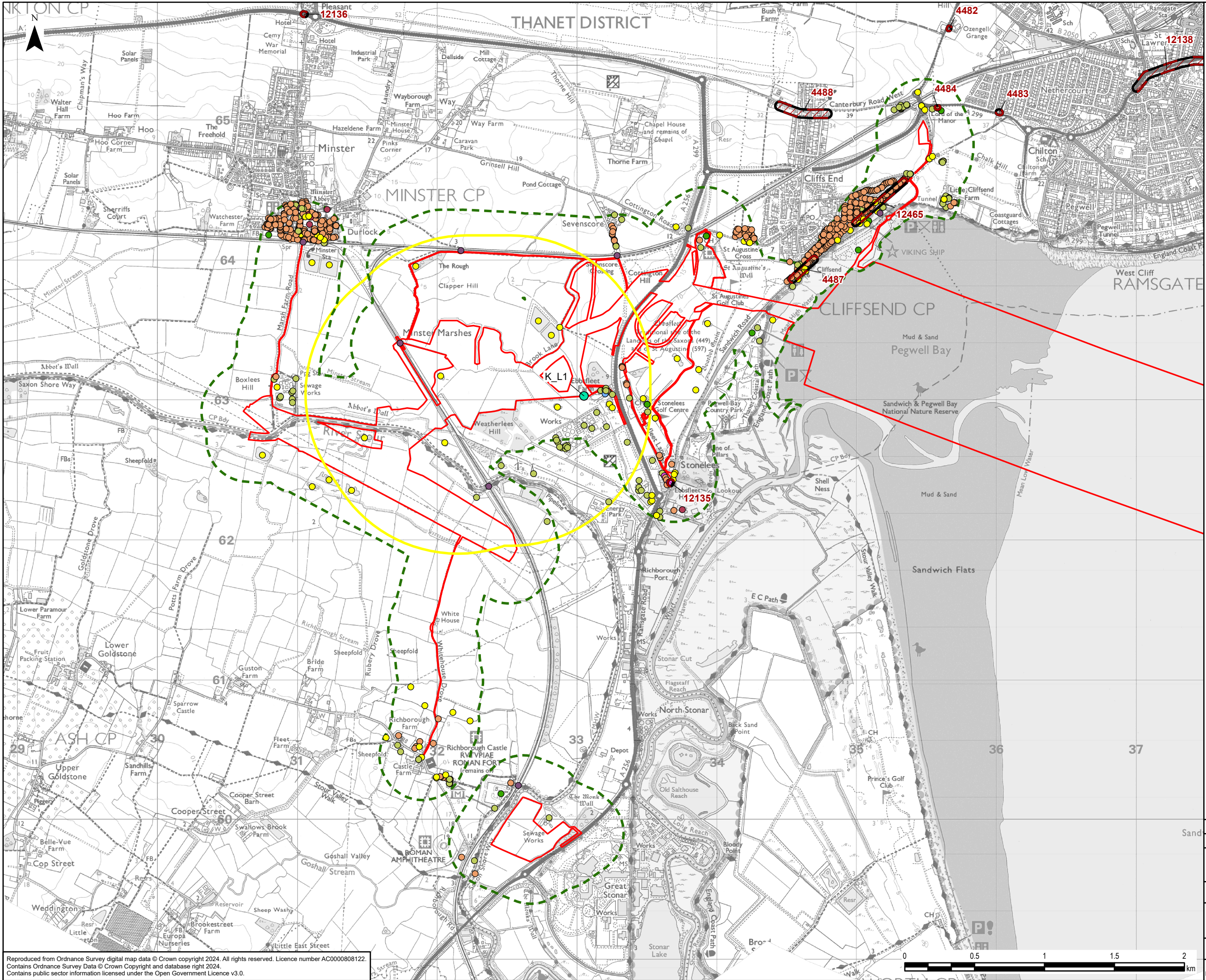
# Contents

## Application Document 6.4.3.9 Noise and Vibration – Figures

- Application Document 6.4.3.9.1 Noise Study Areas, Survey Locations, and Potential Receptors - Kent Onshore Scheme
- Application Document 6.4.3.9.2 Construction Noise Assessment Outputs (Daytime - Without Mitigation) - Kent Onshore Scheme
- Application Document 6.4.3.9.3 Construction Noise Assessment Outputs (Nighttime - Without Mitigation) - Kent Onshore Scheme
- Application Document 6.4.3.9.4 Construction Vibration Assessment Outputs (Without Mitigation) - Kent Onshore Scheme
- Application Document 6.4.3.9.5 Construction Noise and Vibration ‘Hot Spot’ Receptor Location IDS – Kent Onshore Scheme

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





**Legend**

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

**Address Receptor**

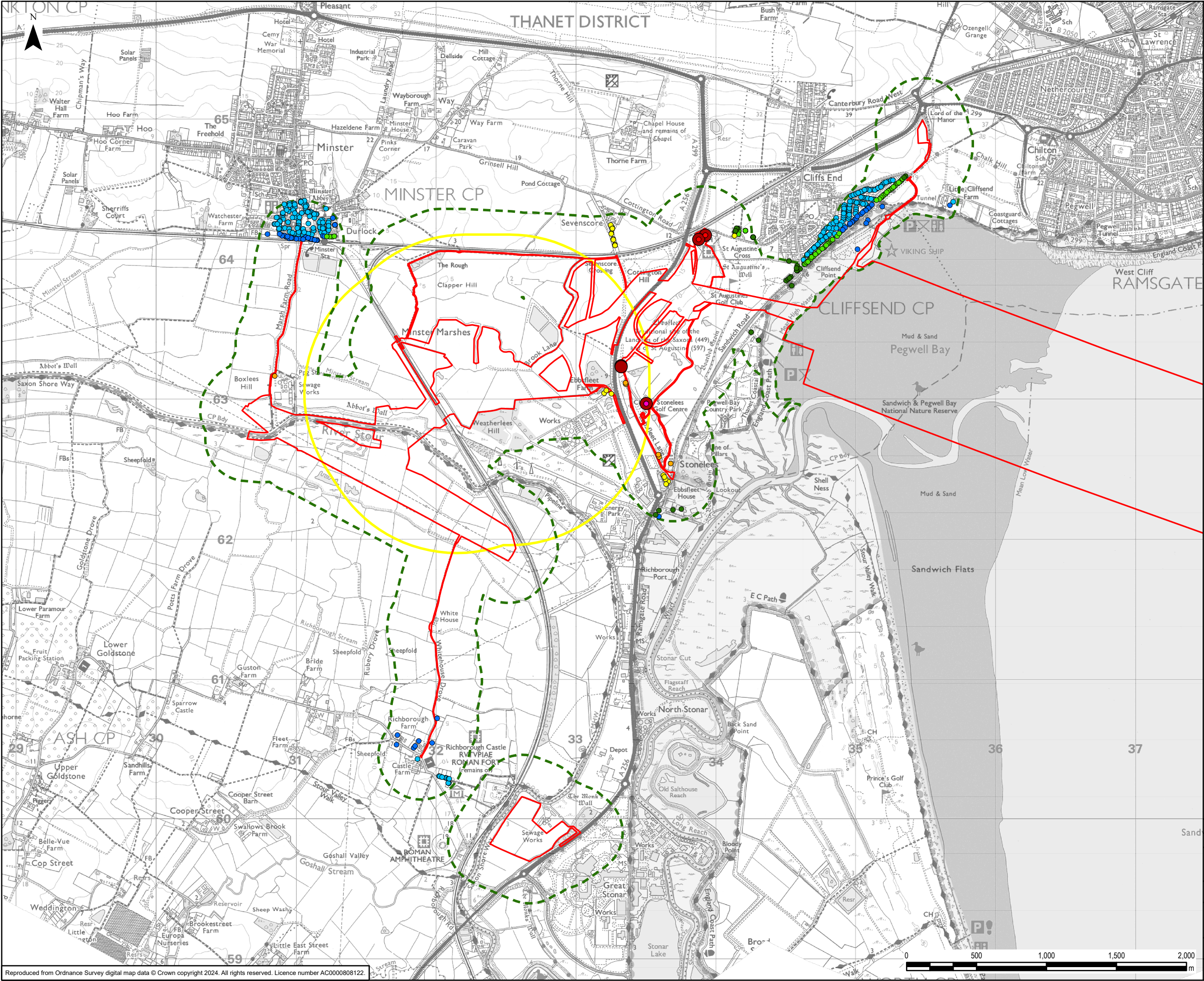
- Attraction, Sports and Entertainment
- Commercial
- Community Services
- Education
- Emergency Services & Healthcare
- Residential
- Transport
- Other

Noise Important Area

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 - KENT ONSHORE SCHEME					
Creator: EB	Date: 16/01/2025	Checker: DF	Date: 16/01/2025	Approver: DG	Date: 16/01/2025
Document Ref: FIGURE 6.4.3.9.1	Scale: 1:25,000	Format: A3	Sheets: 1	Rev: 0	

Reproduced from Ordnance Survey digital map data © Crown copyright 2024. All rights reserved. Licence number AC0000808122.  
Contains Ordnance Survey Data © Crown Copyright and database right 2024.  
Contains public sector information licensed under the Open Government Licence v3.0.





Legend

Draft Order Limits

300m Construction Noise Study Area

1km Operational Noise Study Area

Day Levels (dBA)

< 40

41 - 45

46 - 50

51 - 55

56 - 60

61 - 65

66 - 70

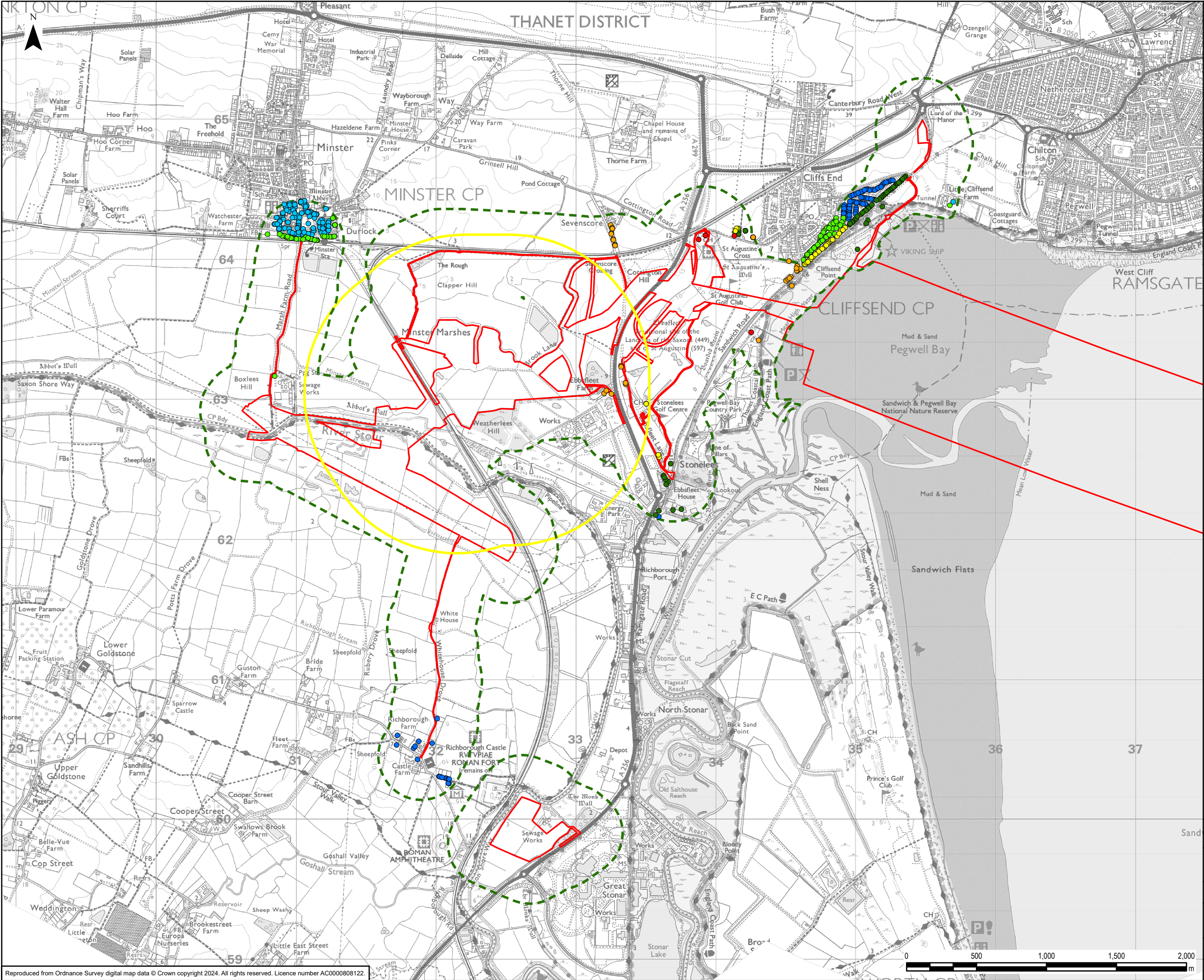
71 - 75

Day Significance (Without Mitigation)

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) - KENT ONSHORE SCHEME					
Creator: EB	Date: 16/01/2025	Checker: DF	Date: 16/01/2025	Approver: DG	Date: 16/01/2025
Document Ref: FIGURE 6.4.3.9.2	Scale: 1:25,000	Format: A3	Sheets: 1	Rev: 0	





Legend

Draft Order Limits

300m Construction Noise Study Area

1km Operational Noise Study Area

Night Levels (dBA)

< 10

11 - 15

16 - 20

21 - 25

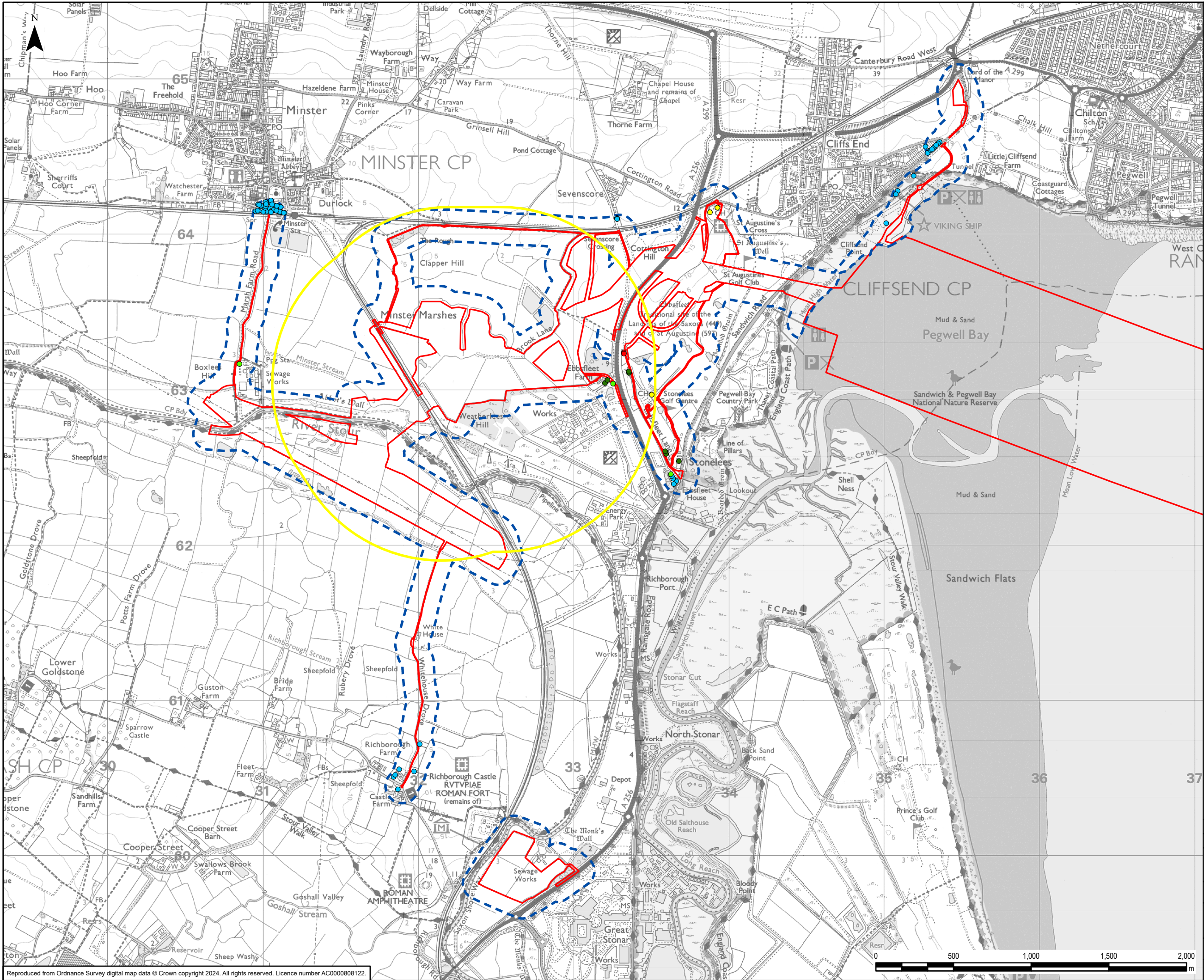
26 - 30

31 - 35

36 - 40

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) - KENT ONSHORE SCHEME					
Creator: EB	Date: 16/01/2025	Checker: DF	Date: 16/01/2025	Approver: DG	Date: 16/01/2025
Document Ref: FIGURE 6.4.3.9.3	Scale: 1:25,000	Format: A3	Sheets: 1	Rev: 0	



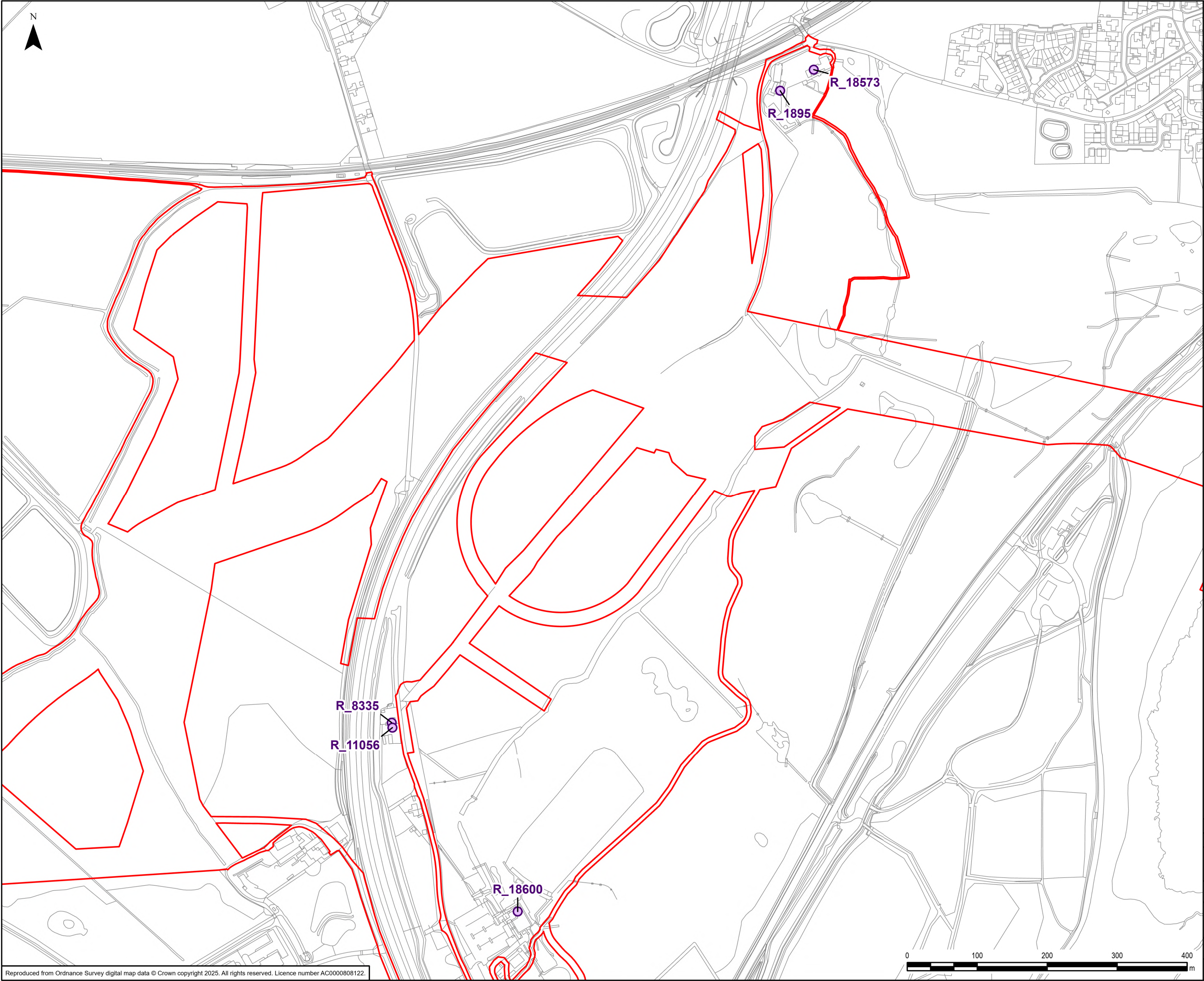


Legend

- Draft Order Limits
- 100m Construction Vibration Study Area
- 1km Operational Noise Study Area
- Vibration Levels (mm/s PPV)
  - 0 - 0.025
  - 0.025 - 0.05
  - 0.05 - 0.10
  - 0.11 - 1
  - > 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) - KENT ONSHORE SCHEME					
Creator: EB	Date: 16/01/2025	Checker: DF	Date: 16/01/2025	Approver: DG	Date: 16/01/2025
Document Ref: FIGURE 6.4.3.9.4	Scale: 1:22,500	Format: A3	Sheets: 1	Rev: 0	





- 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

**nationalgrid**

Scheme: SEA LINK

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

Creator: EB	Date: 12/09/2025	Checker: DF	Date: 12/09/2025	Approver: DG	Date: 12/09/2025
----------------	---------------------	----------------	---------------------	-----------------	---------------------

Document Ref: FIGURE 6.4.3.9.5	Scale: 1:5,000	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](http://nationalgrid.com)