The Great Grid Upgrade

North Humber to High Marnham

NHHM-AEC-ONS-REP-0114

North Humber to High Marnham

Volume 6: Environmental Statement

Document 6.16.F1 Environmental Statement Figure 16.1 - Noise and Vibration Baseline

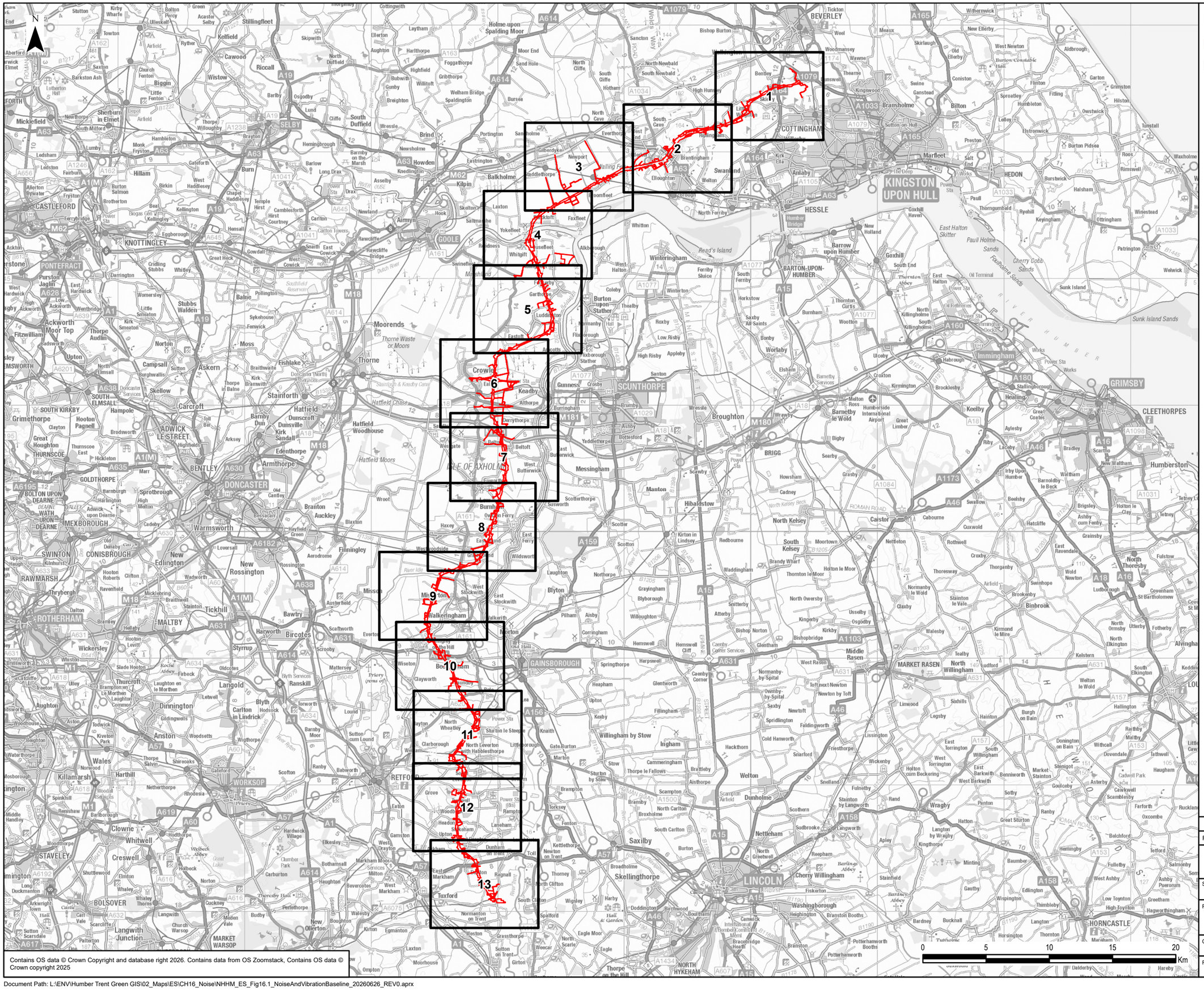
Final Issue A

October 2026

Planning Inspectorate Reference: EN020034

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

nationalgrid



Legend

- Order Limits
- Map Sheet

Contains OS data © Crown Copyright and database right 2026. Contains data from OS Zoomstack, Contains OS data © Crown copyright 2025

Rev	Date	Description	GIS	Chk	App
0	05/08/2026	ENVIRONMENTAL STATEMENT	AR	JG	DG

nationalgrid

Scheme: NORTH HUMBER TO HIGH MARNHAM

Figure Title: FIGURE 16.1 - NOISE AND VIBRATION BASELINE KEY PLAN

Creator:	Date:	Checker:	Date:	Approver:	Date:
AR	05/08/2026	JG	05/08/2026	DG	05/08/2026

Figure Ref:	Scale:	Format:	Sheets:	Rev:
16.1	1:275,000	A3	KEY PLAN	0

Document Path: L:\ENV\Humber Trent Green GIS\02_Maps\ES\CH16_Noise\NHHM_ES_Fig16.1_NoiseAndVibrationBaseline_20260626_REV0.aprx

Legend

- Order Limits
- 100 m Construction Vibration Study Area
- 300 m Construction Noise Study Area

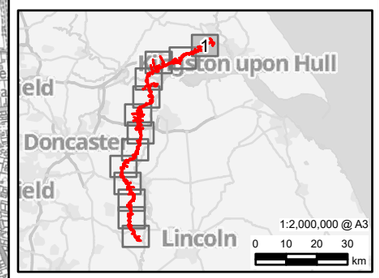
Existing Overhead Line
- 275 kV
- 400 kV

Project Design Details
- Indicative New Gantry
- Indicative New Lattice Pylon
- Indicative New Overhead Line
- Existing Lattice Pylon Not Affected
- Existing Overhead Line Not Affected

Noise and Vibration Data
- Noise Survey Location
- Ecology Noise Survey Location
- Department for Environment, Food & Rural Affairs (DEFRA) Noise Important Area

Department for Environment, Food & Rural Affairs Road and Rail Noise, dBA
- 40.0 - 49.9
- 50.0 - 59.9
- 60.0 - 69.9
- >=70.0

Noise Sensitive Receptor
- Low Sensitivity
- Medium Sensitivity
- High Sensitivity



Rev	Date	Description	GIS	Chk	App
0	05/08/2026	ENVIRONMENTAL STATEMENT	EB	JG	DG

nationalgrid

Scheme: NORTH HUMBER TO HIGH MARNHAM

Figure Title: FIGURE 16.1 - NOISE AND VIBRATION BASELINE

Creator:	Date:	Checker:	Date:	Approver:	Date:
EB	05/08/2026	JG	05/08/2026	DG	05/08/2026

Figure Ref:	Scale:	Format:	Sheets:	Rev:
16.1	1:25,000	A3	1 OF 13	0

Contains public sector information licensed under the Open Government Licence v3.0.
© Department for Environment, Food & Rural Affairs copyright and/or database right 2023. All rights reserved.
Reproduced from Ordnance Survey digital map data © Crown copyright 2026. All rights reserved. Licence number AC0000808122.
Contains OS data © Crown Copyright and database right 2026. Contains data from OS Zoomstack

Document Path: L:\ENV\Humber Trent Green GIS\02_Maps\ES\CH16_Noise\NHHM_ES_Fig16.1_NoiseAndVibrationBaseline_20260626_REV0.aprx

Legend

- Order Limits
- 100 m Construction Vibration Study Area
- 300 m Construction Noise Study Area

Project Design Details

- Indicative New Lattice Pylon
- Indicative New Overhead Line
- Existing Lattice Pylon Not Affected
- Existing Lattice Pylon To Be Modified
- Existing Lattice Pylon To Be Removed
- Existing Overhead Line Not Affected
- Existing Overhead Line to be Reconductored
- Existing Overhead Line to be Dismantled

Noise and Vibration Data

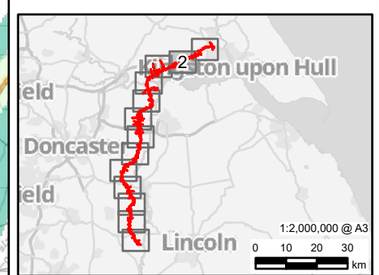
- Noise Survey Location
- Ecology Noise Survey Location
- Department for Environment, Food & Rural Affairs (DEFRA) Noise Important Area

Department for Environment, Food & Rural Affairs Road and Rail Noise, dBA

- 40.0 - 49.9
- 50.0 - 59.9
- 60.0 - 69.9
- >=70.0

Noise Sensitive Receptor

- Low Sensitivity
- Medium Sensitivity
- High Sensitivity



Rev	Date	Description	GIS	Chk	App
0	05/08/2026	ENVIRONMENTAL STATEMENT	EB	JG	DG

nationalgrid

Scheme: NORTH HUMBER TO HIGH MARNHAM

Figure Title: FIGURE 16.1 - NOISE AND VIBRATION BASELINE

Creator:	Date:	Checker:	Date:	Approver:	Date:
EB	05/08/2026	JG	05/08/2026	DG	05/08/2026

Figure Ref:	Scale:	Format:	Sheets:	Rev:
16.1	1:25,000	A3	2 OF 13	0

Contains public sector information licensed under the Open Government Licence v3.0.
© Department for Environment, Food & Rural Affairs copyright and/or database right 2023. All rights reserved.
Reproduced from Ordnance Survey digital map data © Crown copyright 2026. All rights reserved. Licence number AC0000808122.
Contains OS data © Crown Copyright and database right 2026. Contains data from OS Zoomstack

Document Path: L:\ENV\Humber Trent Green GIS\02_Maps\ES\CH16_Noise\NHHM_ES_Fig16.1_NoiseAndVibrationBaseline_20260626_REV0.aprx

N

Legend

- Order Limits
- 100 m Construction Vibration Study Area
- 300 m Construction Noise Study Area

Project Design Details

- Indicative New Lattice Pylon
- Indicative New Overhead Line
- Existing Lattice Pylon Not Affected
- Existing Lattice Pylon To Be Modified
- Existing Lattice Pylon To Be Removed
- Existing Overhead Line Not Affected
- Existing Overhead Line to be Dismantled

Noise and Vibration Data

- Noise Survey Location
- Ecology Noise Survey Location
- Department for Environment, Food & Rural Affairs (DEFRA) Noise Important Area

Department for Environment, Food & Rural Affairs Road and Rail Noise, dBA

- 40.0 - 49.9
- 50.0 - 59.9
- 60.0 - 69.9
- >=70.0

Noise Sensitive Receptor

- Low Sensitivity
- Medium Sensitivity
- High Sensitivity

10234
4AF50
4ZQ65
3
4AF55
4ZQ60
4AF60
4ZQ55
E6
E7
E8
4AF65
4ZQ50
E9
E10
4
Sheet 2 and 3
Sheet 3 and 4
NEWPORT CP
BROOMFLEET CP
BLACKTOFT CP
Walling Fen
Kingston upon Hull
Doncaster
Lincoln
1:2,000,000 @ A3
0 10 20 30 km
0 50 100 150 200 m
0 0.5 1 1.5 2 Km

Contains public sector information licensed under the Open Government Licence v3.0.
© Department for Environment, Food & Rural Affairs copyright and/or database right 2023. All rights reserved.
Reproduced from Ordnance Survey digital map data © Crown copyright 2026. All rights reserved. Licence number AC0000808122.
Contains OS data © Crown Copyright and database right 2026. Contains data from OS Zoomstack

Rev	Date	Description	GIS	Chk	App
0	05/08/2026	ENVIRONMENTAL STATEMENT	EB	JG	DG

nationalgrid

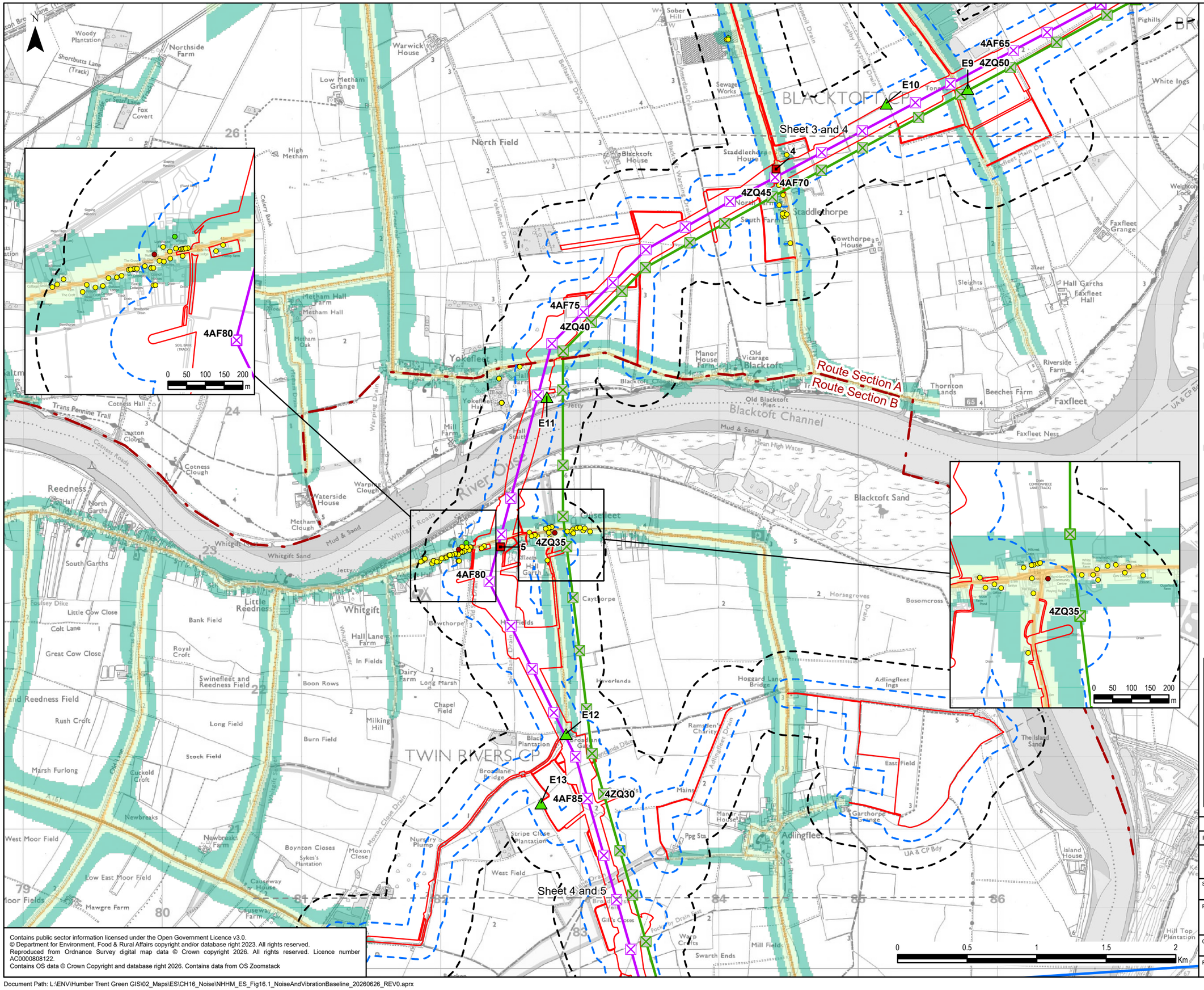
Scheme: NORTH HUMBER TO HIGH MARNHAM

Figure Title: FIGURE 16.1 - NOISE AND VIBRATION BASELINE

Creator:	Date:	Checker:	Date:	Approver:	Date:
EB	05/08/2026	JG	05/08/2026	DG	05/08/2026

Figure Ref:	Scale:	Format:	Sheets:	Rev:
16.1	1:25,000	A3	3 OF 13	0

Document Path: L:\ENV\Humber Trent Green GIS\02_Maps\ES\CH16_Noise\NHHM_ES_Fig16.1_NoiseAndVibrationBaseline_20260626_REV0.aprx



Legend

- Order Limits
- 100 m Construction Vibration Study Area
- 300 m Construction Noise Study Area
- Route Section

Existing Overhead Line

- 400 kV

Project Design Details

- Indicative New Lattice Pylon
- Indicative New Overhead Line
- Existing Lattice Pylon Not Affected
- Existing Overhead Line Not Affected

Noise and Vibration Data

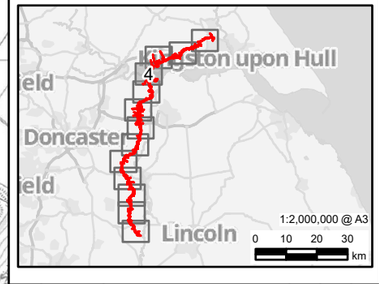
- Noise Survey Location
- Ecology Noise Survey Location

Department for Environment, Food & Rural Affairs Road and Rail Noise, dBA

- 40.0 - 49.9
- 50.0 - 59.9
- 60.0 - 69.9
- >=70.0

Noise Sensitive Receptor

- Low Sensitivity
- Medium Sensitivity
- High Sensitivity



Contains public sector information licensed under the Open Government Licence v3.0.
© Department for Environment, Food & Rural Affairs copyright and/or database right 2023. All rights reserved.
Reproduced from Ordnance Survey digital map data © Crown copyright 2026. All rights reserved. Licence number AC0000808122.
Contains OS data © Crown Copyright and database right 2026. Contains data from OS Zoomstack

Rev	Date	Description	GIS	Chk	App
0	05/08/2026	ENVIRONMENTAL STATEMENT	EB	JG	DG

nationalgrid

Scheme: NORTH HUMBER TO HIGH MARNHAM

Figure Title: FIGURE 16.1 - NOISE AND VIBRATION BASELINE

Creator:	Date:	Checker:	Date:	Approver:	Date:
EB	05/08/2026	JG	05/08/2026	DG	05/08/2026

Figure Ref:	Scale:	Format:	Sheets:	Rev:
16.1	1:25,000	A3	4 OF 13	0

Document Path: L:\ENV\Humber Trent Green GIS\02_Maps\ES\CH16_Noise\NHHM_ES_Fig16.1_NoiseAndVibrationBaseline_20260626_REV0.aprx

N

Sheet 4 and 5

Sheet 5 and 6

4AF90
4ZQ25
4AF95
4ZQ20
4AF100
4ZQ15
4AF105
4AF110
4ZQ10
E14
E15

GARTHORPE AND FOCKERBY CP
LUDDINGTON AND HALDENRY CP
AMCOTTS CP

0 0.5 1 1.5 2 Km

Legend

- Order Limits
- 100 m Construction Vibration Study Area
- 300 m Construction Noise Study Area

Existing Overhead Line
- 400 kV

Project Design Details
- Indicative New Lattice Pylon
- Indicative New Overhead Line
- Existing Lattice Pylon Not Affected
- Existing Overhead Line Not Affected

Noise and Vibration Data
- Ecology Noise Survey Location

Department for Environment, Food & Rural Affairs Road and Rail Noise, dBA
- 40.0 - 49.9
- 50.0 - 59.9
- 60.0 - 69.9

Noise Sensitive Receptor
- Medium Sensitivity

Contains public sector information licensed under the Open Government Licence v3.0.
© Department for Environment, Food & Rural Affairs copyright and/or database right 2023. All rights reserved.
Reproduced from Ordnance Survey digital map data © Crown copyright 2026. All rights reserved. Licence number AC0000808122.
Contains OS data © Crown Copyright and database right 2026. Contains data from OS Zoomstack

Rev	Date	Description	GIS	Chk	App
0	05/08/2026	ENVIRONMENTAL STATEMENT	EB	JG	DG

nationalgrid

Scheme: NORTH HUMBER TO HIGH MARNHAM

Figure Title: FIGURE 16.1 - NOISE AND VIBRATION BASELINE

Creator:	Date:	Checker:	Date:	Approver:	Date:
EB	05/08/2026	JG	05/08/2026	DG	05/08/2026

Figure Ref:	Scale:	Format:	Sheets:	Rev:
16.1	1:25,000	A3	5 OF 13	0

1:2,000,000 @ A3

Document Path: L:\ENV\Humber Trent Green GIS\02_Maps\ES\CH16_Noise\NHHM_ES_Fig16.1_NoiseAndVibrationBaseline_20260626_REV0.aprx

N

Sheet 5 and 6

Sheet 6 and 7

Route Section B

Route Section C

Route Section C

Route Section D

4AF105

4AF110

4ZQ10

4AF115

4ZQ5

4AF119

ZDA120

ZDA125

4AF121

E16

4AF125

4AF130

ZDA115

ZDA115

6

6

0 50 100 150 200 m

0 50 100 150 200 m

0 50 100 150 200 m

0 0.5 1 1.5 2 Km

1:2,000,000 @ A3

0 10 20 30 km

Legend

- Order Limits
- 100 m Construction Vibration Study Area
- 300 m Construction Noise Study Area
- Route Section

Existing Overhead Line

- 400 kV

Project Design Details

- Indicative New Lattice Pylon
- Indicative New Overhead Line
- Existing Lattice Pylon Not Affected
- Existing Lattice Pylon To Be Modified
- Existing Gantry Not Affected
- Existing Lattice Pylon To Be Removed
- Existing Overhead Line Not Affected
- Existing Overhead Line to be Reconductored
- Existing Overhead Line to be Dismantled

Noise and Vibration Data

- Noise Survey Location
- Ecology Noise Survey Location

Department for Environment, Food & Rural Affairs Road and Rail Noise, dBA

- 40.0 - 49.9
- 50.0 - 59.9
- 60.0 - 69.9
- >=70.0

Noise Sensitive Receptor

- Low Sensitivity
- Medium Sensitivity
- High Sensitivity

Contains public sector information licensed under the Open Government Licence v3.0.
© Department for Environment, Food & Rural Affairs copyright and/or database right 2023. All rights reserved.
Reproduced from Ordnance Survey digital map data © Crown copyright 2026. All rights reserved. Licence number AC0000808122.
Contains OS data © Crown Copyright and database right 2026. Contains data from OS Zoomstack

Rev	Date	Description	GIS	Chk	App
0	05/08/2026	ENVIRONMENTAL STATEMENT	EB	JG	DG

nationalgrid

Scheme: NORTH HUMBER TO HIGH MARNHAM

Figure Title: FIGURE 16.1 - NOISE AND VIBRATION BASELINE

Creator:	Date:	Checker:	Date:	Approver:	Date:
EB	05/08/2026	JG	05/08/2026	DG	05/08/2026

Figure Ref:	Scale:	Format:	Sheets:	Rev:
16.1	1:25,000	A3	6 OF 13	0

Document Path: L:\ENV\Humber Trent Green GIS\02_Maps\ES\CH16_Noise\NHHM_ES_Fig16.1_NoiseAndVibrationBaseline_20260626_REV0.aprx

Route Section C
Route Section D
Sheet 6 and 7
4AF130
4AF135
4AF140
4AF145
Sheet 7 and 8

Legend

- Order Limits
- 100 m Construction Vibration Study Area
- 300 m Construction Noise Study Area
- Route Section

Existing Overhead Line
- 400 kV

Project Design Details
- Indicative New Lattice Pylon
- Indicative New Overhead Line

Department for Environment, Food & Rural Affairs Road and Rail Noise, dBA
- 40.0 - 49.9
- 50.0 - 59.9
- 60.0 - 69.9
- >=70.0

Noise Sensitive Receptor
- Low Sensitivity
- Medium Sensitivity
- High Sensitivity

1:2,000,000 @ A3
0 10 20 30 km

Rev	Date	Description	GIS	Chk	App
0	05/08/2026	ENVIRONMENTAL STATEMENT	EB	JG	DG

nationalgrid

Scheme: NORTH HUMBER TO HIGH MARNHAM

Figure Title: FIGURE 16.1 - NOISE AND VIBRATION BASELINE

Creator:	Date:	Checker:	Date:	Approver:	Date:
EB	05/08/2026	JG	05/08/2026	DG	05/08/2026

Figure Ref:	Scale:	Format:	Sheets:	Rev:
16.1	1:25,000	A3	7 OF 13	0

Contains public sector information licensed under the Open Government Licence v3.0.
© Department for Environment, Food & Rural Affairs copyright and/or database right 2023. All rights reserved.
Reproduced from Ordnance Survey digital map data © Crown copyright 2026. All rights reserved. Licence number AC0000808122.
Contains OS data © Crown Copyright and database right 2026. Contains data from OS Zoomstack

0 0.5 1 1.5 2 Km

Document Path: L:\ENV\Humber Trent Green GIS\02_Maps\ES\CH16_Noise\NHHM_ES_Fig16.1_NoiseAndVibrationBaseline_20260626_REV0.aprx

Legend

- Order Limits
- 100 m Construction Vibration Study Area
- 300 m Construction Noise Study Area

Existing Overhead Line

- 400 kV

Project Design Details

- Indicative New Lattice Pylon
- Indicative New Overhead Line

Noise and Vibration Data

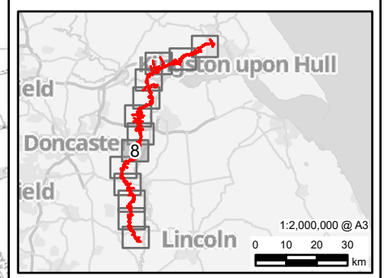
- Noise Survey Location

Department for Environment, Food & Rural Affairs Road and Rail Noise, dBA

- 40.0 - 49.9
- 50.0 - 59.9
- 60.0 - 69.9

Noise Sensitive Receptor

- Low Sensitivity
- Medium Sensitivity



Rev	Date	Description	GIS	Chk	App
0	05/08/2026	ENVIRONMENTAL STATEMENT	EB	JG	DG

nationalgrid

Scheme: NORTH HUMBER TO HIGH MARNHAM

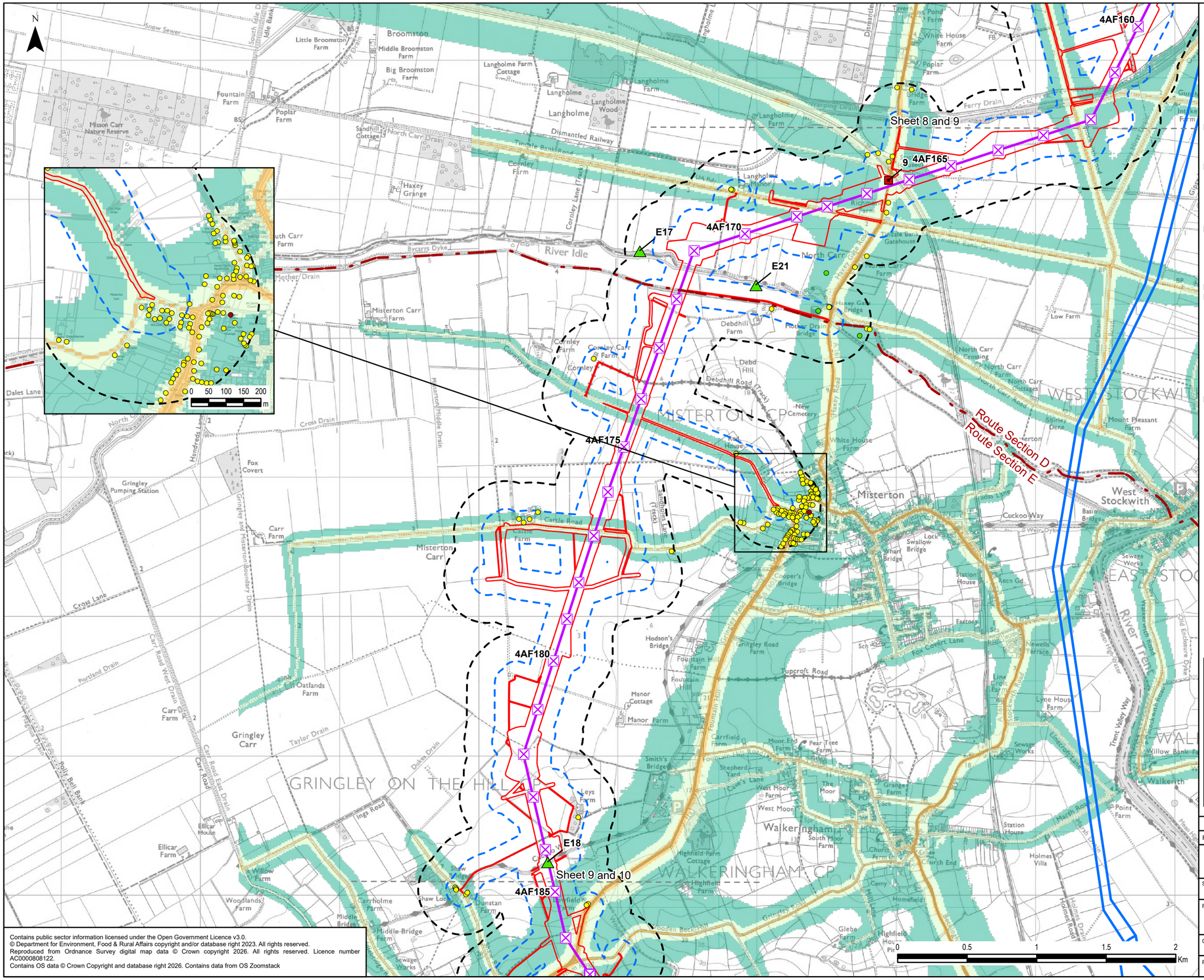
Figure Title: FIGURE 16.1 - NOISE AND VIBRATION BASELINE

Creator:	Date:	Checker:	Date:	Approver:	Date:
EB	05/08/2026	JG	05/08/2026	DG	05/08/2026

Figure Ref:	Scale:	Format:	Sheets:	Rev:
16.1	1:25,000	A3	8 OF 13	0

Contains public sector information licensed under the Open Government Licence v3.0.
© Department for Environment, Food & Rural Affairs copyright and/or database right 2023. All rights reserved.
Reproduced from Ordnance Survey digital map data © Crown copyright 2026. All rights reserved. Licence number AC0000808122.
Contains OS data © Crown Copyright and database right 2026. Contains data from OS Zoomstack

Document Path: L:\ENV\Humber Trent Green GIS\02_Maps\ES\CH16_Noise\NHHM_ES_Fig16.1_NoiseAndVibrationBaseline_20260626_REV0.aprx



Legend

- Order Limits
- 100 m Construction Vibration Study Area
- 300 m Construction Noise Study Area
- Route Section

Existing Overhead Line

- 400 kV

Project Design Details

- Indicative New Lattice Pylon
- Indicative New Overhead Line

Noise and Vibration Data

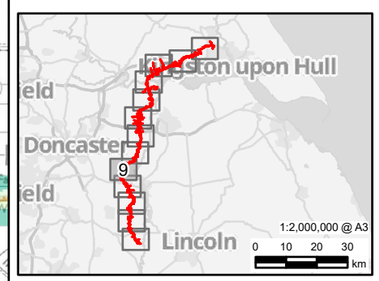
- Noise Survey Location
- Ecology Noise Survey Location

Department for Environment, Food & Rural Affairs Road and Rail Noise, dBA

- 40.0 - 49.9
- 50.0 - 59.9
- 60.0 - 69.9
- >=70.0

Noise Sensitive Receptor

- Low Sensitivity
- Medium Sensitivity
- High Sensitivity



Contains public sector information licensed under the Open Government Licence v3.0.
© Department for Environment, Food & Rural Affairs copyright and/or database right 2023. All rights reserved.
Reproduced from Ordnance Survey digital map data © Crown copyright 2026. All rights reserved. Licence number AC0000808122.
Contains OS data © Crown Copyright and database right 2026. Contains data from OS Zoomstack

Rev.	Date	Description	GIS	Chk	App
0	05/08/2026	ENVIRONMENTAL STATEMENT	EB	JG	DG

nationalgrid

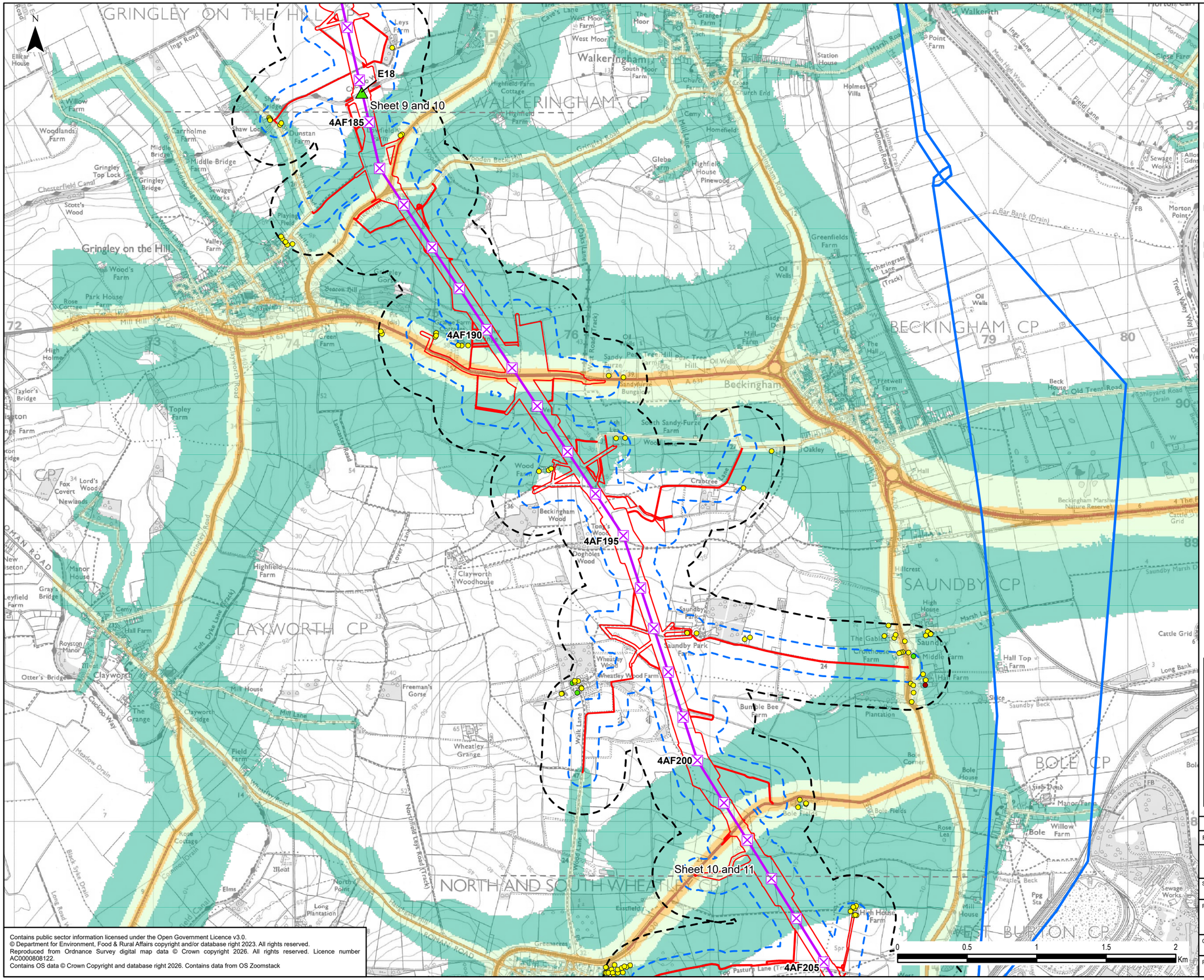
Scheme: NORTH HUMBER TO HIGH MARNHAM

Figure Title: FIGURE 16.1 - NOISE AND VIBRATION BASELINE

Creator:	Date:	Checker:	Date:	Approver:	Date:
EB	05/08/2026	JG	05/08/2026	DG	05/08/2026

Figure Ref:	Scale:	Format:	Sheets:	Rev:
16.1	1:25,000	A3	9 OF 13	0

Document Path: L:\ENV\Humber Trent Green GIS\02_Maps\ES\CH16_Noise\NHHM_ES_Fig16.1_NoiseAndVibrationBaseline_20260626_REV0.aprx



Legend

- Order Limits
- 100 m Construction Vibration Study Area
- 300 m Construction Noise Study Area

Existing Overhead Line

- 400 kV

Project Design Details

- Indicative New Lattice Pylon
- Indicative New Overhead Line

Noise and Vibration Data

- Ecology Noise Survey Location

Department for Environment, Food & Rural Affairs Road and Rail Noise, dBA

- 40.0 - 49.9
- 50.0 - 59.9
- 60.0 - 69.9
- >=70.0

Noise Sensitive Receptor

- Low Sensitivity
- Medium Sensitivity
- High Sensitivity

Contains public sector information licensed under the Open Government Licence v3.0.
© Department for Environment, Food & Rural Affairs copyright and/or database right 2023. All rights reserved.
Reproduced from Ordnance Survey digital map data © Crown copyright 2026. All rights reserved. Licence number AC0000808122.
Contains OS data © Crown Copyright and database right 2026. Contains data from OS Zoomstack

Rev	Date	Description	GIS	Chk	App
0	05/08/2026	ENVIRONMENTAL STATEMENT	EB	JG	DG

nationalgrid

Scheme: NORTH HUMBER TO HIGH MARNHAM

Figure Title: FIGURE 16.1 - NOISE AND VIBRATION BASELINE

Creator:	Date:	Checker:	Date:	Approver:	Date:
EB	05/08/2026	JG	05/08/2026	DG	05/08/2026

Figure Ref:	Scale:	Format:	Sheets:	Rev:
16.1	1:25,000	A3	10 OF 13	0

Document Path: L:\ENV\Humber Trent Green GIS\02_Maps\ES\CH16_Noise\NHHM_ES_Fig16.1_NoiseAndVibrationBaseline_20260626_REV0.aprx

Legend

- Order Limits
- 100 m Construction Vibration Study Area
- 300 m Construction Noise Study Area

Existing Overhead Line

- 400 kV

Project Design Details

- Indicative New Lattice Pylon
- Indicative New Overhead Line

Noise and Vibration Data

- Noise Survey Location

Department for Environment, Food & Rural Affairs Road and Rail Noise, dBA

- 40.0 - 49.9
- 50.0 - 59.9
- 60.0 - 69.9
- >=70.0

Noise Sensitive Receptor

- Low Sensitivity
- Medium Sensitivity

Sheet 10 and 11

Sheet 11 and 12

4AF205

4AF210

4AF215

4AF220

4AF225

10

11

0 50 100 150 200 m

0 0.5 1 1.5 2 Km

1:2,000,000 @ A3

0 10 20 30 km

Contains public sector information licensed under the Open Government Licence v3.0.
© Department for Environment, Food & Rural Affairs copyright and/or database right 2023. All rights reserved.
Reproduced from Ordnance Survey digital map data © Crown copyright 2026. All rights reserved. Licence number AC0000808122.
Contains OS data © Crown Copyright and database right 2026. Contains data from OS Zoomstack

Rev	Date	Description	GIS	Chk	App
0	05/08/2026	ENVIRONMENTAL STATEMENT	EB	JG	DG

nationalgrid

Scheme: NORTH HUMBER TO HIGH MARNHAM

Figure Title: FIGURE 16.1 - NOISE AND VIBRATION BASELINE

Creator:	Date:	Checker:	Date:	Approver:	Date:
EB	05/08/2026	JG	05/08/2026	DG	05/08/2026

Figure Ref:	Scale:	Format:	Sheets:	Rev:
16.1	1:25,000	A3	11 OF 13	0

Document Path: L:\ENV\Humber Trent Green GIS\02_Maps\ES\CH16_Noise\NHHM_ES_Fig16.1_NoiseAndVibrationBaseline_20260626_REV0.aprx

N

Sheet 11 and 12

4AF225

4AF230

4AF235

4AF240

Sheet 12 and 13

GROVE CP

SOUTH LEVERTON CP

TRESWELL CP

RAMPTON AND WOODBECK CP

HEADON CUM UPTON CP

STOKEHAM CP

EAST DRAYTON CP

LANEHAM CP

0 50 100 150 200 m

0 0.5 1 1.5 2 Km

Legend

- Order Limits
- 100 m Construction Vibration Study Area
- 300 m Construction Noise Study Area

Existing Overhead Line

- 400 kV

Project Design Details

- Indicative New Lattice Pylon
- Indicative New Overhead Line

Department for Environment, Food & Rural Affairs Road and Rail Noise, dBA

- 40.0 - 49.9
- 50.0 - 59.9
- 60.0 - 69.9

Noise Sensitive Receptor

- Low Sensitivity
- Medium Sensitivity
- High Sensitivity

Kingston upon Hull
Doncaster
Lincoln
12
1:2,000,000 @ A3
0 10 20 30 km

Contains public sector information licensed under the Open Government Licence v3.0.
© Department for Environment, Food & Rural Affairs copyright and/or database right 2023. All rights reserved.
Reproduced from Ordnance Survey digital map data © Crown copyright 2026. All rights reserved. Licence number AC0000808122.
Contains OS data © Crown Copyright and database right 2026. Contains data from OS Zoomstack

Rev	Date	Description	GIS	Chk	App
0	05/08/2026	ENVIRONMENTAL STATEMENT	EB	JG	DG

nationalgrid

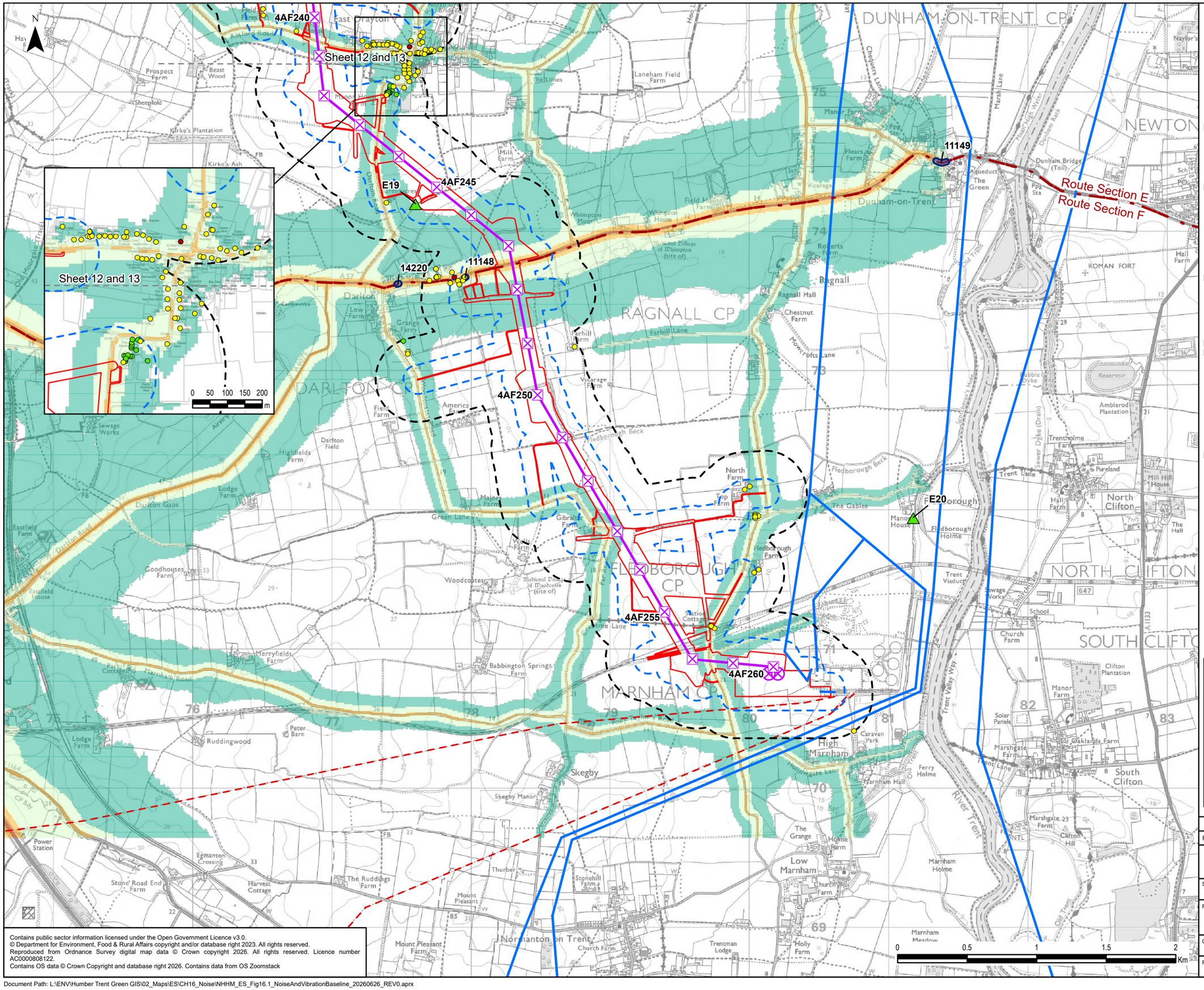
Scheme: NORTH HUMBER TO HIGH MARNHAM

Figure Title: FIGURE 16.1 - NOISE AND VIBRATION BASELINE

Creator:	Date:	Checker:	Date:	Approver:	Date:
EB	05/08/2026	JG	05/08/2026	DG	05/08/2026

Figure Ref:	Scale:	Format:	Sheets:	Rev:
16.1	1:25,000	A3	12 OF 13	0

Document Path: L:\ENV\Humber Trent Green GIS\02_Maps\ES\CH16_Noise\NHHM_ES_Fig16.1_NoiseAndVibrationBaseline_20260626_REV0.aprx



Legend

- Order Limits
- 100 m Construction Vibration Study Area
- 300 m Construction Noise Study Area
- Route Section

Existing Overhead Line

- 275 kV
- 400 kV

Project Design Details

- Indicative New Gantry
- Indicative New Lattice Pylon
- Indicative New Overhead Line

Noise and Vibration Data

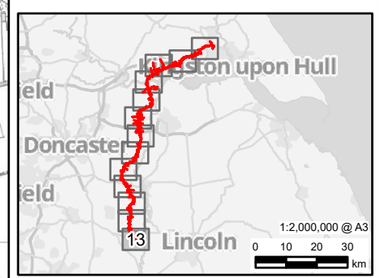
- Ecology Noise Survey Location
- Department for Environment, Food & Rural Affairs (DEFRA) Noise Important Area

Department for Environment, Food & Rural Affairs Road and Rail Noise, dBA

- 40.0 - 49.9
- 50.0 - 59.9
- 60.0 - 69.9
- >=70.0

Noise Sensitive Receptor

- Low Sensitivity
- Medium Sensitivity
- High Sensitivity



Contains public sector information licensed under the Open Government Licence v3.0.
© Department for Environment, Food & Rural Affairs copyright and/or database right 2023. All rights reserved.
Reproduced from Ordnance Survey digital map data © Crown copyright 2026. All rights reserved. Licence number AC0000808122.
Contains OS data © Crown Copyright and database right 2026. Contains data from OS Zoomstack

Rev	Date	Description	GIS	Chk	App
0	05/08/2026	ENVIRONMENTAL STATEMENT	EB	JG	DG

nationalgrid

Scheme: NORTH HUMBER TO HIGH MARNHAM

Figure Title: FIGURE 16.1 - NOISE AND VIBRATION BASELINE

Creator:	Date:	Checker:	Date:	Approver:	Date:
EB	05/08/2026	JG	05/08/2026	DG	05/08/2026

Figure Ref:	Scale:	Format:	Sheets:	Rev:
16.1	1:25,000	A3	13 OF 13	0

Document Path: L:\ENV\Humber Trent Green GIS\02_Maps\ES\CH16_Noise\NHHM_ES_Fig16.1_NoiseAndVibrationBaseline_20260626_REV0.aprx