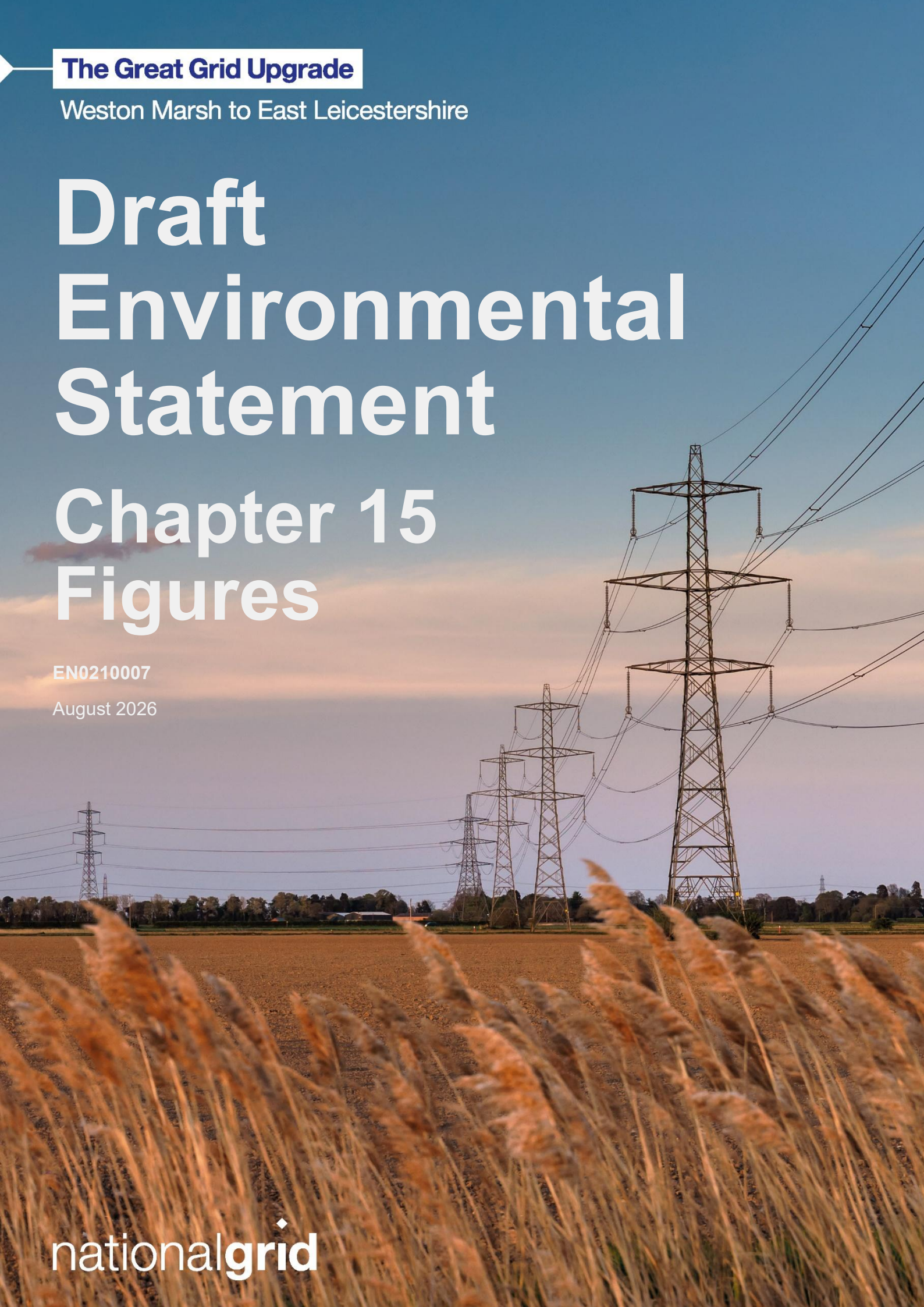




The Great Grid Upgrade

Weston Marsh to East Leicestershire

Draft Environmental Statement

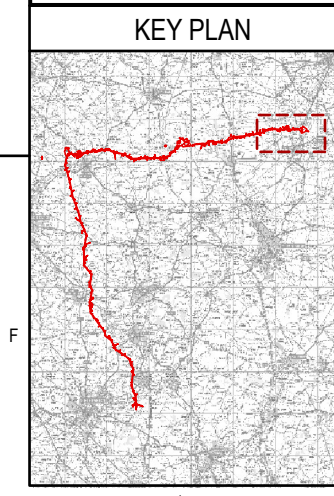
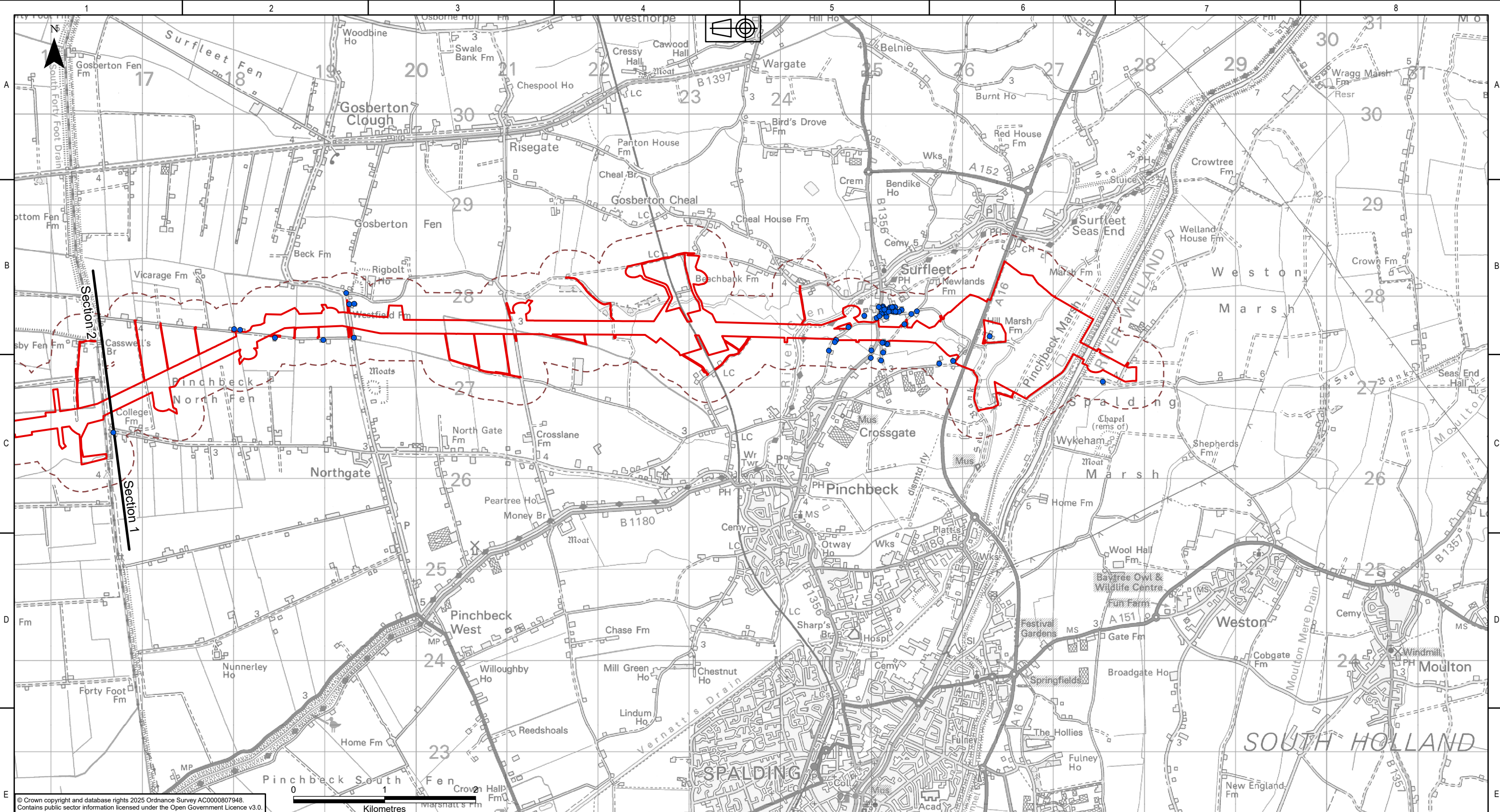
Chapter 15 Figures

EN0210007

August 2026

nationalgrid

Figure number	Figure title
Figure 15.1	Noise and Vibration Study Area with Initial Construction Noise Assessment Outputs
Figure 15.2	Noise and Vibration Baseline



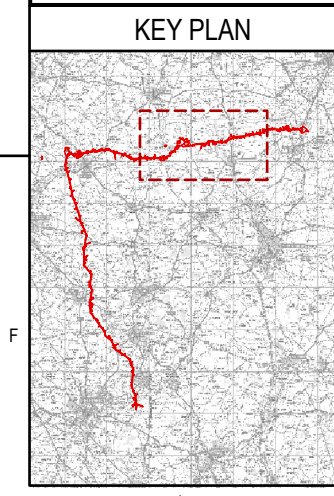
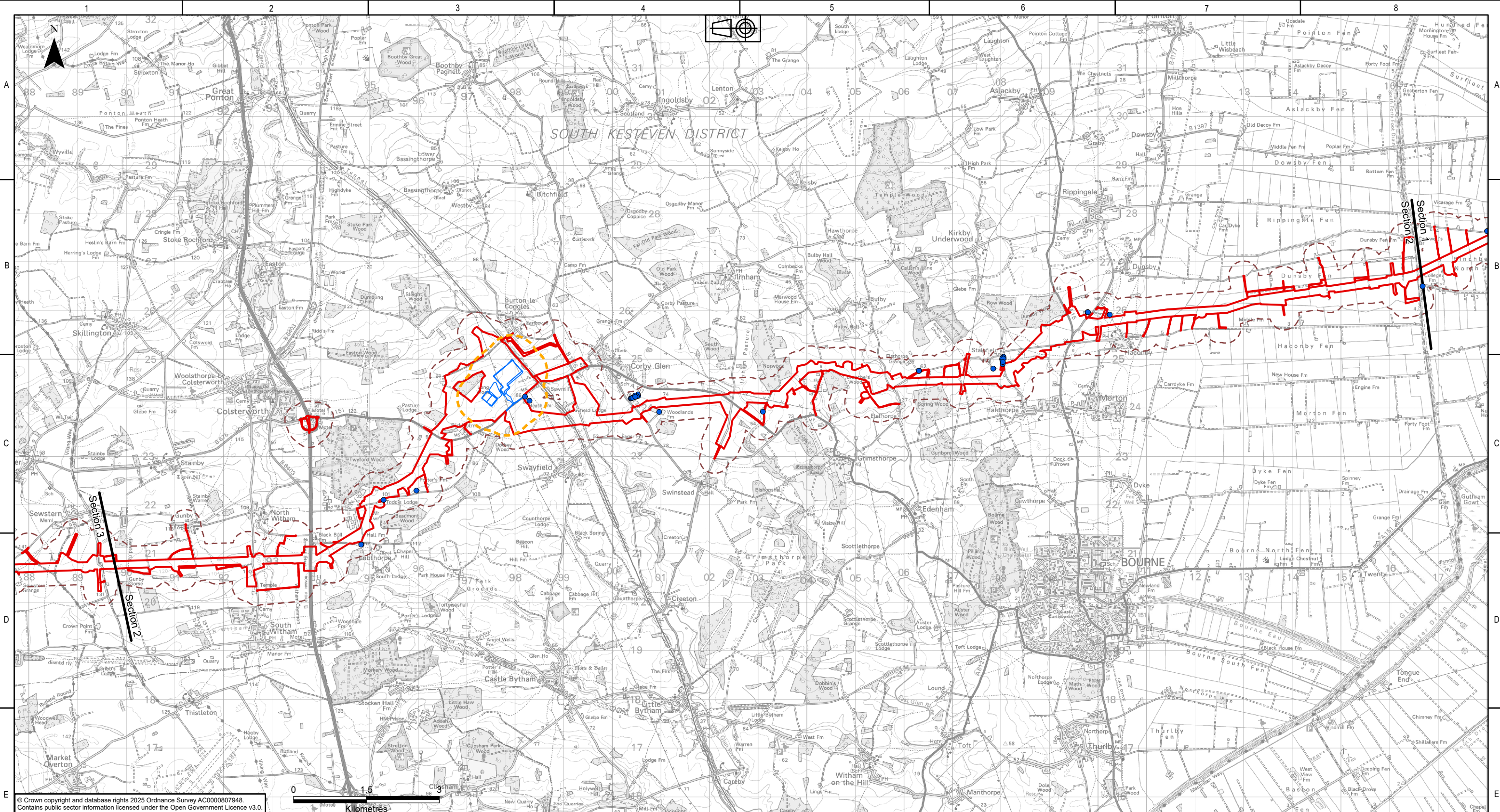
Legend	
—	Draft Order Limits
—	Sections
---	300m study area for construction noise
●	Initial construction noise assessment outputs

NATIONAL GRID INVESTMENT NUMBER: 100268							
COPYRIGHT: NOT TO BE REPRODUCED WITHOUT THE WRITTEN PERMISSION OF NATIONAL GRID ELECTRICITY TRANSMISSION Plc.							
P01	31/07/2026	First issue	DM	YY	MRK	CS	
Rev.	Date	Comment	Drw by	Check	Rev by	Appr.	



National Grid plc, Warwick Technology Park,
Gallows Hill, Warwick, CV34 6DA

Site				Weston Marsh to East Leicestershire			
Title				Draft Environmental Statement: Figure 15.1 Noise and Vibration Study Area with Initial Construction Noise Assessment Outputs			
Purpose of issue			For Information			Status	S2
Contractor Drawing No.			WMEL-AAJ-ZZZZ-ZZZZZZ-DRW-ES-000052			Revision	P01
Customer Drawing No.			N/A			Issue	A
Reviewed	M.R.KEEN	Approved	C.STOCKS	Date	31/07/2026	Scale	1:40,000
						Size	A3



Legend	
	Draft Order Limits
	Sections
	300m study area for construction noise
	500m study area for operational noise from substations
	WMEL-A Substation
●	Initial construction noise assessment outputs

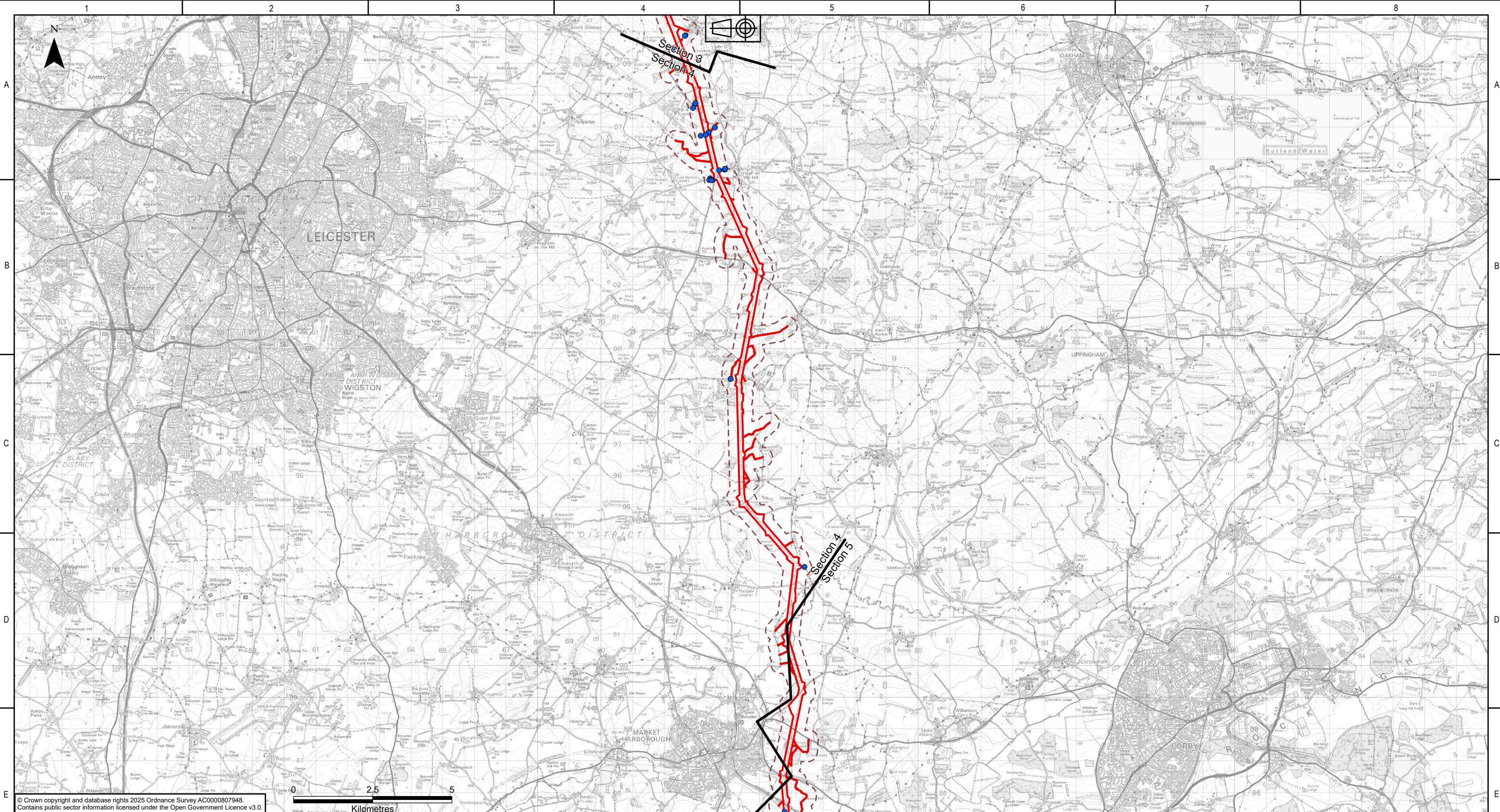
NATIONAL GRID INVESTMENT NUMBER: 100268									
COPYRIGHT: NOT TO BE REPRODUCED WITHOUT THE WRITTEN PERMISSION OF NATIONAL GRID ELECTRICITY TRANSMISSION Plc.									
P01	31/07/2026	First issue							
Rev.	Date	Comment							



National Grid plc, Warwick Technology Park,
Gallows Hill, Warwick, CV34 6DA

Drawn	D.MOSNEANU	Checked	Y.YOUN
-------	------------	---------	--------

Site				
Weston Marsh to East Leicestershire				
Title				
Draft Environmental Statement:				
Figure 15.1				
Noise and Vibration Study Area with Initial Construction				
Noise Assessment Outputs				
Purpose of issue				Status
For Information				S2
Contractor Drawing No.				Revision
WMEL-AAJ-ZZZZ-ZZZZZZ-DRW-ES-000052				P01
Customer Drawing No.				Issue
N/A				A
Reviewed	M.R.KEEN	Approved	C.STOCKS	Date
				31/07/2026
				Scale
				1:75,000
				Size
				A3



KEY PLAN

Legend

- Draft Order Limits
- Sections
- 300m study area for construction noise
- Initial construction noise assessment outputs

NATIONAL GRID INVESTMENT NUMBER: 100268

COPYRIGHT: NOT TO BE REPRODUCED WITHOUT THE WRITTEN PERMISSION OF NATIONAL GRID ELECTRICITY TRANSMISSION Plc.

P01	31/07/2026	First issue		DM	YY	MRK	CS
Rev.	Date	Comment		Drw by	Check	Rev by	Appr.

National Grid plc, Warwick Technology Park,
Gallows Hill, Warwick, CV34 6DA

Drawn

D.MOSNEANU

Checked

Y.YOUN

Site

Weston Marsh to East Leicestershire

Title

Draft Environmental Statement:
Figure 15.1
Noise and Vibration Study Area with Initial Construction
Noise Assessment Outputs

Purpose of issue

For Information

Status

S2

Contractor Drawing No.

WMEL-AAJ-ZZZZ-ZZZZZZ-DRW-ES-000052

Revision

P01

Customer Drawing No.

N/A

Sheet 4 of 5

Issue

A

Reviewed

M.R.KEEN

Approved

C.STOCKS

Date

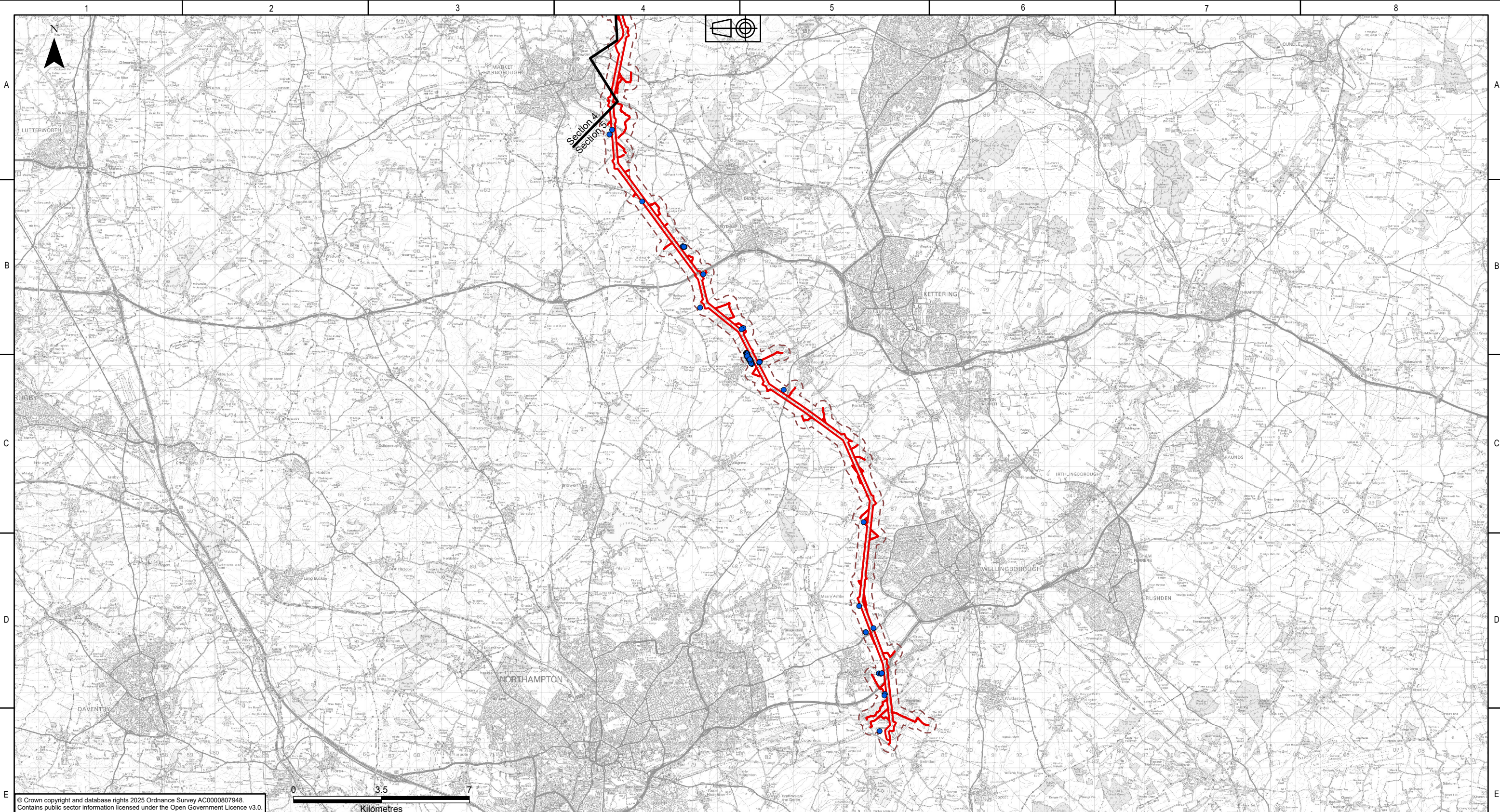
31/07/2026

Scale

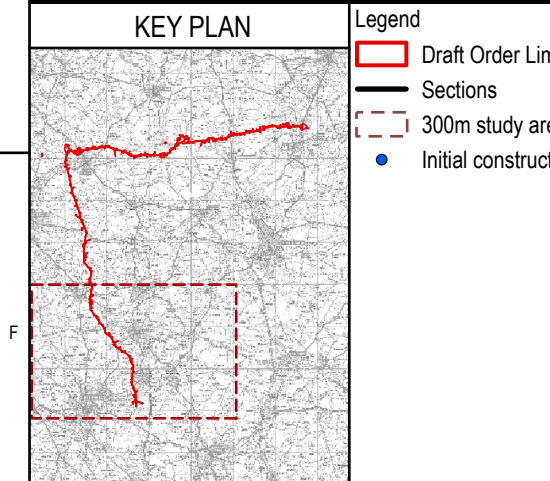
1:115,000

Size

A3



© Crown copyright and database rights 2025 Ordnance Survey AC0000807948.
Contains public sector information licensed under the Open Government Licence v3.0.



- Legend**
- Draft Order Limits
 - Sections
 - 300m study area for construction noise
 - Initial construction noise assessment outputs

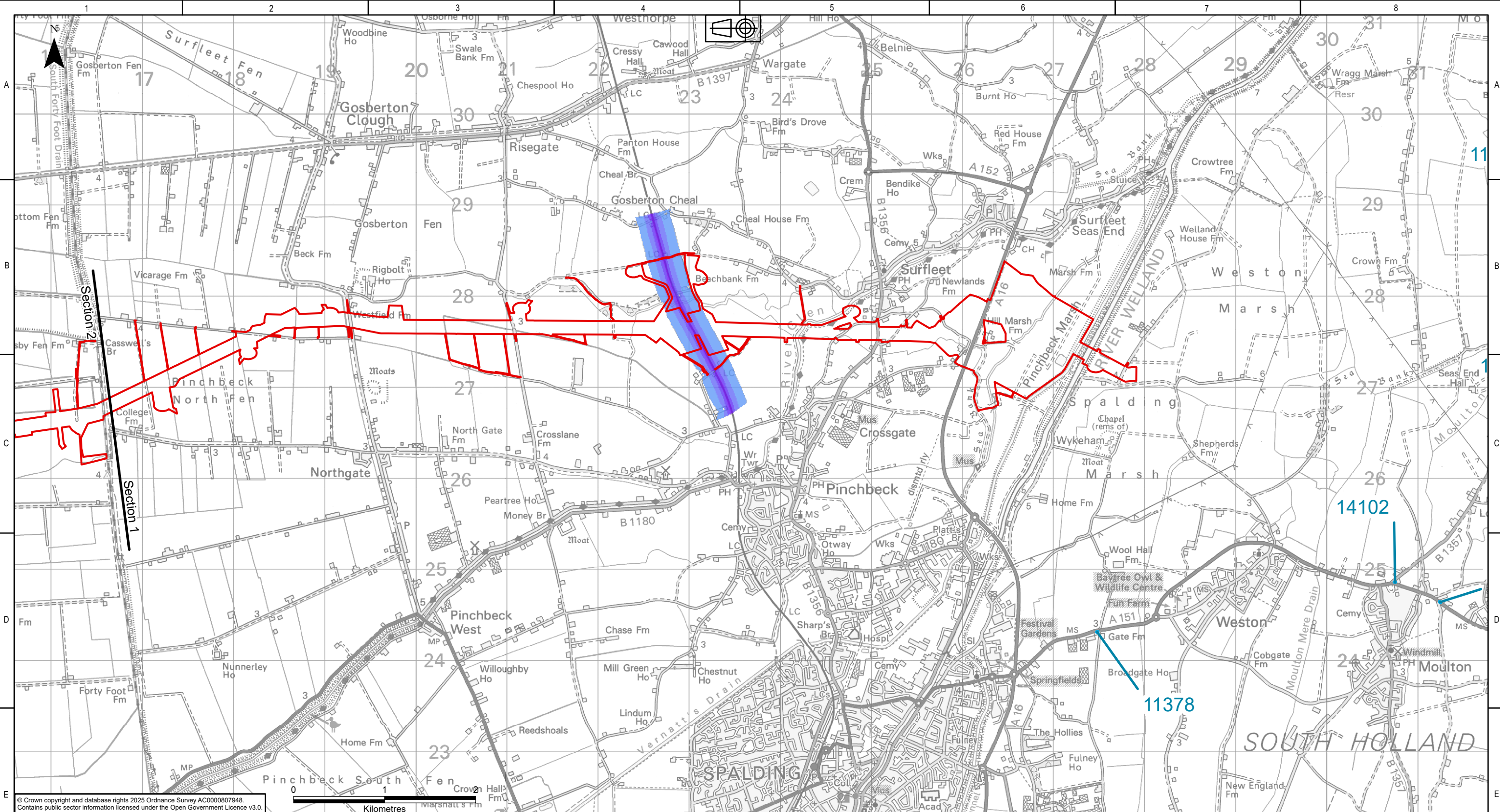
NATIONAL GRID INVESTMENT NUMBER: 100268						
COPYRIGHT: NOT TO BE REPRODUCED WITHOUT THE WRITTEN PERMISSION OF NATIONAL GRID ELECTRICITY TRANSMISSION Plc.						
P01	31/07/2026	First issue	DM	YY	MRK	CS
Rev.	Date	Comment	Drw by	Check	Rev by	Appr.



National Grid plc, Warwick Technology Park,
Gallows Hill, Warwick, CV34 6DA

Drawn	D.MOSNEANU	Checked	Y.YOUN
-------	------------	---------	--------

Site			
Weston Marsh to East Leicestershire			
Title			
Draft Environmental Statement: Figure 15.1 Noise and Vibration Study Area with Initial Construction Noise Assessment Outputs			
Purpose of issue For Information			Status S2
Contractor Drawing No. WMEL-AAJ-ZZZZ-ZZZZZZ-DRW-ES-000052			Revision P01
Customer Drawing No. N/A			Issue A
Reviewed M.R.KEEN	Approved C.STOCKS	Date 31/07/2026	Scale 1:145,000
			Size A3



KEY PLAN

Legend

- Draft Order Limits
- Sections
- Noise Action Planning Important Areas Round 3
- Road

Defra Round 4 Strategic Noise Mapping Data (Road) dB L_{den}

< 40
40 - 45
45 - 50
50 - 55
55 - 60
60 - 65
65 - 70
70 - 75
75 - 80
≥ 80

Defra Round 4 Strategic Noise Mapping Data (Rail) dB L_{den}

< 40
40 - 45
45 - 50
50 - 55
55 - 60
60 - 65
65 - 70

NATIONAL GRID INVESTMENT NUMBER: 100268

COPYRIGHT: NOT TO BE REPRODUCED WITHOUT THE WRITTEN PERMISSION OF NATIONAL GRID ELECTRICITY TRANSMISSION Plc.

P01	31/07/2026	First issue	DM	YY	MRK	CS	
Rev.	Date	Comment	Drw by	Check	Rev by	Appr.	

nationalgrid

National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA

Drawn	D.MOSNEANU	Checked	Y.YOUN
-------	------------	---------	--------

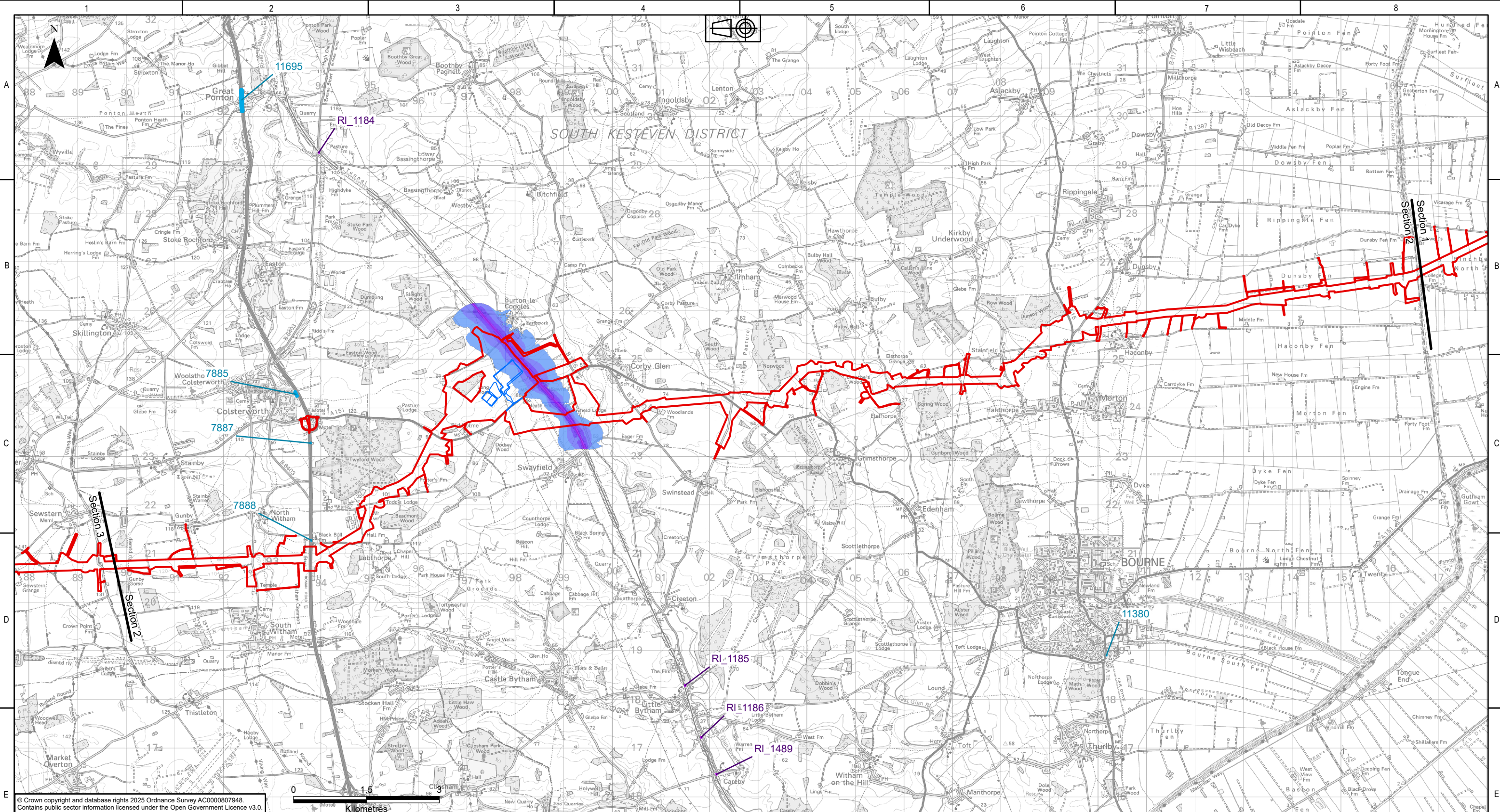
Site

Weston Marsh to East Leicestershire

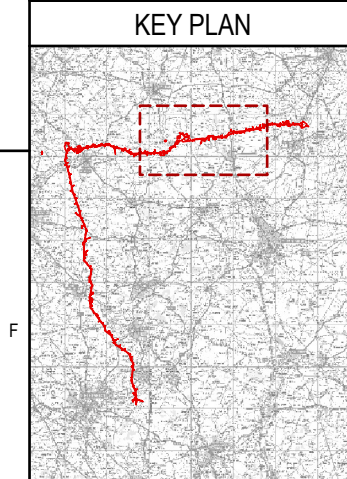
Title

Draft Environmental Statement:
Figure 15.2
Noise and Vibration Baseline

Purpose of issue	Status			
For Information	S2			
Contractor Drawing No.	Revision			
WMEL-AAJ-ZZZZ-ZZZZZZ-DRW-ES-000053	P01			
Customer Drawing No.	Issue			
N/A	A			
Reviewed	Approved	Date	Scale	Size
M.R.KEEN	C.STOCKS	31/07/2026	1:40,000	A3



© Crown copyright and database rights 2025 Ordnance Survey AC0000807948.
Contains public sector information licensed under the Open Government Licence v3.0.



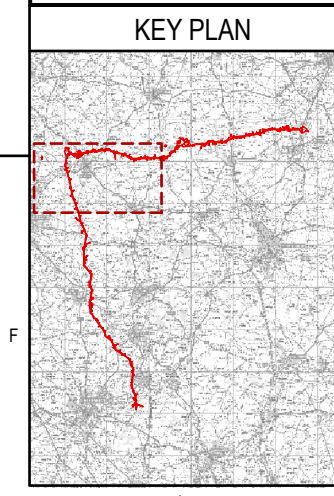
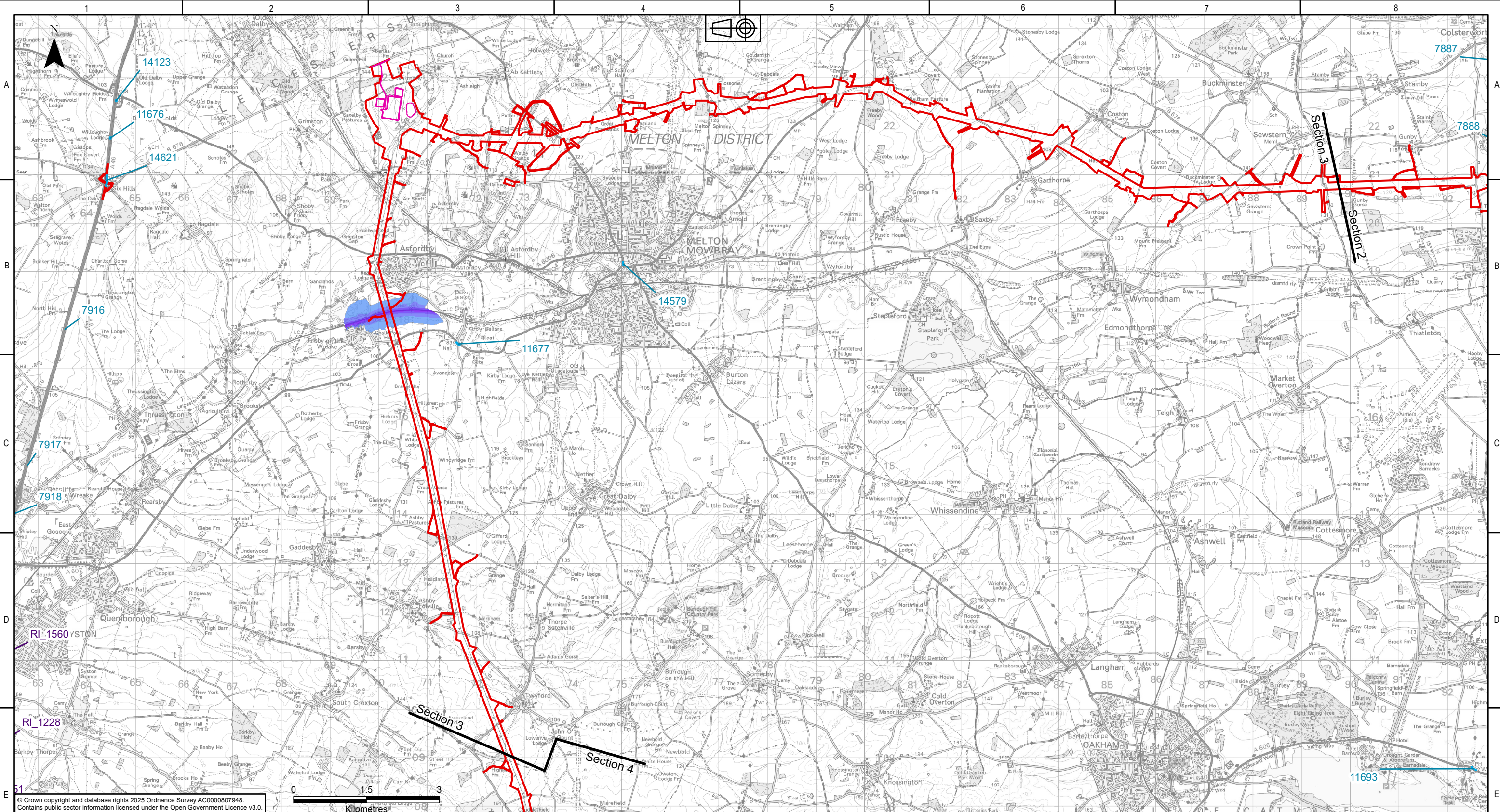
Legend	
	Draft Order Limits
	Sections
	WMEL-A Substation
Noise Action Planning Important Areas Round 3	
	Rail
	Road
Defra Round 4 Strategic Noise Mapping Data (Road) dB L _{den}	
	< 40
	40 - 45
	45 - 50
	50 - 55
	55 - 60
	60 - 65
	65 - 70
	70 - 75
	75 - 80
	≥ 80
Defra Round 4 Strategic Noise Mapping Data (Rail) dB L _{den}	
	< 40
	40 - 45
	45 - 50
	50 - 55
	55 - 60
	60 - 65
	65 - 70

NATIONAL GRID INVESTMENT NUMBER: 100268							
COPYRIGHT: NOT TO BE REPRODUCED WITHOUT THE WRITTEN PERMISSION OF NATIONAL GRID ELECTRICITY TRANSMISSION Plc.							
P01	31/07/2026	First issue		DM	YY	MRK	CS
Rev.	Date	Comment		Drw by	Check	Rev by	Appr.

National Grid plc, Warwick Technology Park,
Gallows Hill, Warwick, CV34 6DA

Drawn	D.MOSNEANU	Checked	Y.YOUN
-------	------------	---------	--------

Site			
Weston Marsh to East Leicestershire			
Title			
Draft Environmental Statement: Figure 15.2 Noise and Vibration Baseline			
Purpose of issue		Status	
For Information		S2	
Contractor Drawing No.		Revision	
WMEL-AAJ-ZZZZ-ZZZZZZ-DRW-ES-000053		P01	
Customer Drawing No.		Issue	
N/A		A	
Reviewed	M.R.KEEN	Approved	C.STOCKS
Date	31/07/2026	Scale	1:75,000
			A3

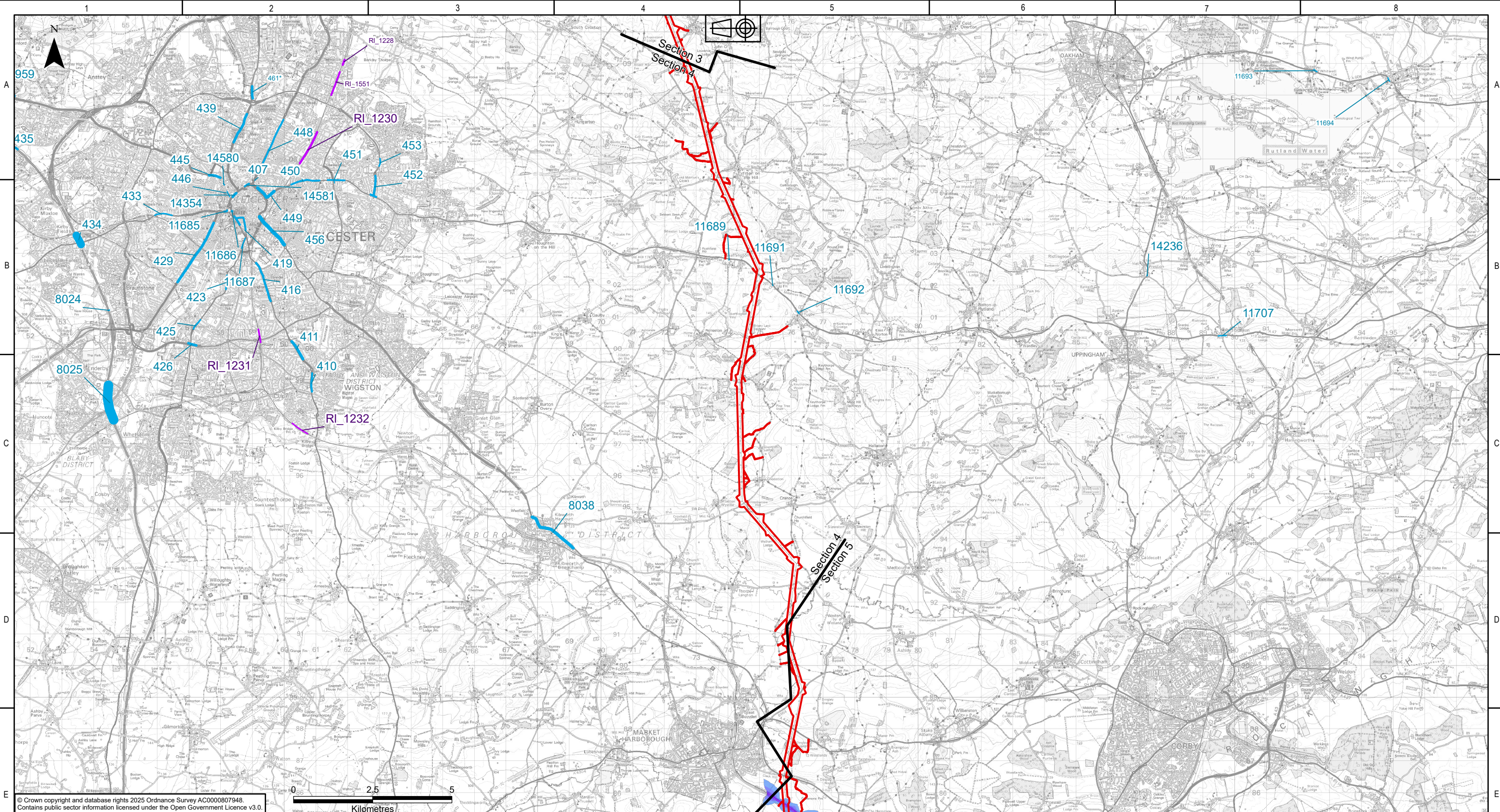


Legend	
	Draft Order Limits
	Sections
	WMEL-B Substation
	Noise Action Planning Important Areas Round 3
	Road
Defra Round 4 Strategic Noise Mapping Data (Road) dB L _{den}	
	< 40
	40 - 45
	45 - 50
	50 - 55
	55 - 60
	60 - 65
	65 - 70
	70 - 75
	75 - 80
Defra Round 4 Strategic Noise Mapping Data (Rail) dB L _{den}	
	< 40
	40 - 45
	45 - 50
	50 - 55
	55 - 60
	60 - 65
	65 - 70
	70 - 75
	75 - 80

NATIONAL GRID INVESTMENT NUMBER: 100268											
COPYRIGHT: NOT TO BE REPRODUCED WITHOUT THE WRITTEN PERMISSION OF NATIONAL GRID ELECTRICITY TRANSMISSION Plc.											
P01	31/07/2026	First issue									
Rev.	Date	Comment									
			Drw by	Check	Rev by	Appr.					

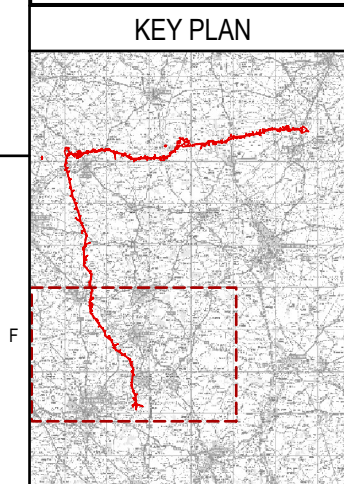
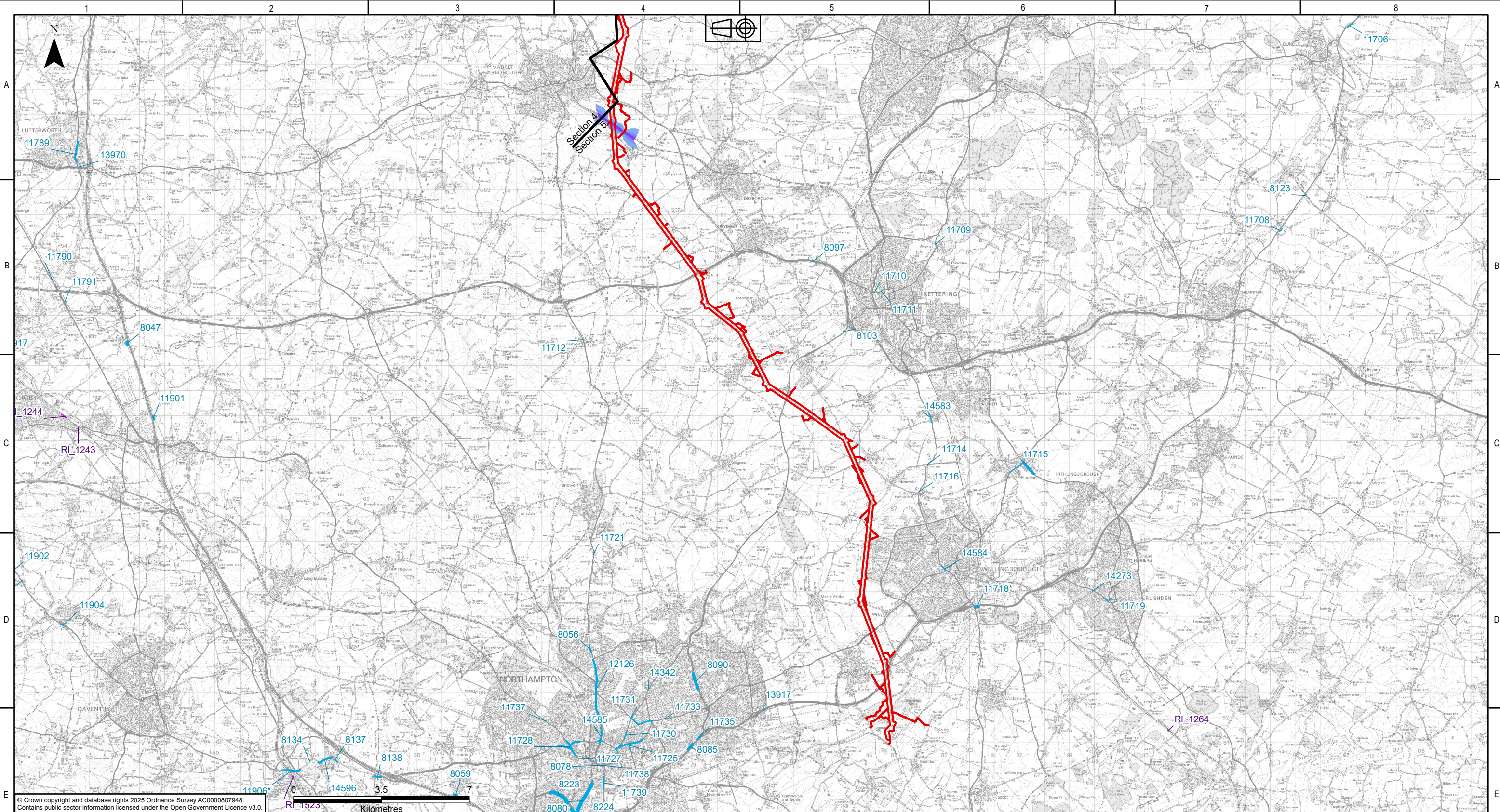
National Grid plc, Warwick Technology Park,
Gallows Hill, Warwick, CV34 6DA

Site				
Weston Marsh to East Leicestershire				
Title				
Draft Environmental Statement: Figure 15.2 Noise and Vibration Baseline				
Purpose of issue				Status
For Information				S2
Contractor Drawing No.				Revision
WMEL-AAJ-ZZZZ-ZZZZZZ-DRW-ES-000053				P01
Customer Drawing No.				Issue
N/A				A
Drawn	Checked	Reviewed	Approved	Date
D.MOSNEANU	Y.YOUN	M.R.KEEN	C.STOCKS	31/07/2026
Scale				Size
1:75,000				A3



© Crown copyright and database rights 2025 Ordnance Survey AC0000807948.
Contains public sector information licensed under the Open Government Licence v3.0.

KEY PLAN 		Legend Draft Order Limits Sections Noise Action Planning Important Areas Round 3 Rail Road Defra Round 4 Strategic Noise Mapping Data (Road) dB L_{den} < 40 40 - 45 45 - 50 50 - 55 55 - 60 60 - 65 65 - 70 70 - 75 75 - 80 Defra Round 4 Strategic Noise Mapping Data (Rail) dB L_{den} < 40 40 - 45 45 - 50 50 - 55 55 - 60 60 - 65 65 - 70 70 - 75		NATIONAL GRID INVESTMENT NUMBER: 100268		 National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA		Site Weston Marsh to East Leicestershire	
COPYRIGHT: NOT TO BE REPRODUCED WITHOUT THE WRITTEN PERMISSION OF NATIONAL GRID ELECTRICITY TRANSMISSION Plc.		Title Draft Environmental Statement: Figure 15.2 Noise and Vibration Baseline							
						Purpose of issue For Information		Status S2	
						Contractor Drawing No. WMEL-AAJ-ZZZZ-ZZZZZZ-DRW-ES-000053		Revision P01	
						Customer Drawing No. N/A		Issue A	
						Reviewed M.R.KEEN		Approved C.STOCKS	
						Date 31/07/2026		Scale 1:115,000	
						Drawn D.MOSNEANU		Checked Y.YOUN	
						P01		31/07/2026	
						First issue		DM YY MRK CS	
						Rev.		Date	
						Comment		Drw by	
						Check		Rev by	
						Appr.			



Legend		Defra Round 4 Strategic Noise Mapping Data (Road) dB L _{den}	Defra Round 4 Strategic Noise Mapping Data (Rail) dB L _{den}
	Draft Order Limits	< 40	< 40
	Sections	40 - 45	40 - 45
Noise Action Planning Important Areas Round 3		45 - 50	45 - 50
	Rail	50 - 55	50 - 55
	Road	55 - 60	55 - 60
		60 - 65	60 - 65
		65 - 70	65 - 70
		70 - 75	70 - 75
		75 - 80	75 - 80
		≥ 80	≥ 80

NATIONAL GRID INVESTMENT NUMBER: 100268							
COPYRIGHT: NOT TO BE REPRODUCED WITHOUT THE WRITTEN PERMISSION OF NATIONAL GRID ELECTRICITY TRANSMISSION Plc.							
P01	31/07/2026	First issue		DM	YY	MRK	CS
Rev.	Date	Comment		Drw by	Check	Rev by	Appr.

nationalgrid

National Grid plc, Warwick Technology Park,
Gallows Hill, Warwick, CV34 6DA

Site				Weston Marsh to East Leicestershire			
Title				Draft Environmental Statement: Figure 15.2 Noise and Vibration Baseline			
Purpose of issue				For Information		Status S2	
Contractor Drawing No.				WMEL-AAJ-ZZZZ-ZZZZZZ-DRW-ES-000053		Revision P01	
Customer Drawing No.				N/A		Issue A	
Reviewed M.R.KEEN		Approved C.STOCKS		Date 31/07/2026		Scale 1:145,000	
Drawn D.MOSNEANU		Checked Y.YOUN		Sheet 5 of 5		Size A3	

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