

A1 in Northumberland: Morpeth to Ellingham

Scheme Number: TR010059

Noise Addendum Appendix D Part 1

AFPF Regulation Rule 8(1)(c)

Planning Act 2008

Infrastructure Planning (Prescribed Forms and Procedure)

Regulations 2009

Infrastructure Planning

Planning Act 2008

**The Infrastructure Planning
(Applications: Prescribed Forms
and Procedure) Regulations 2009**

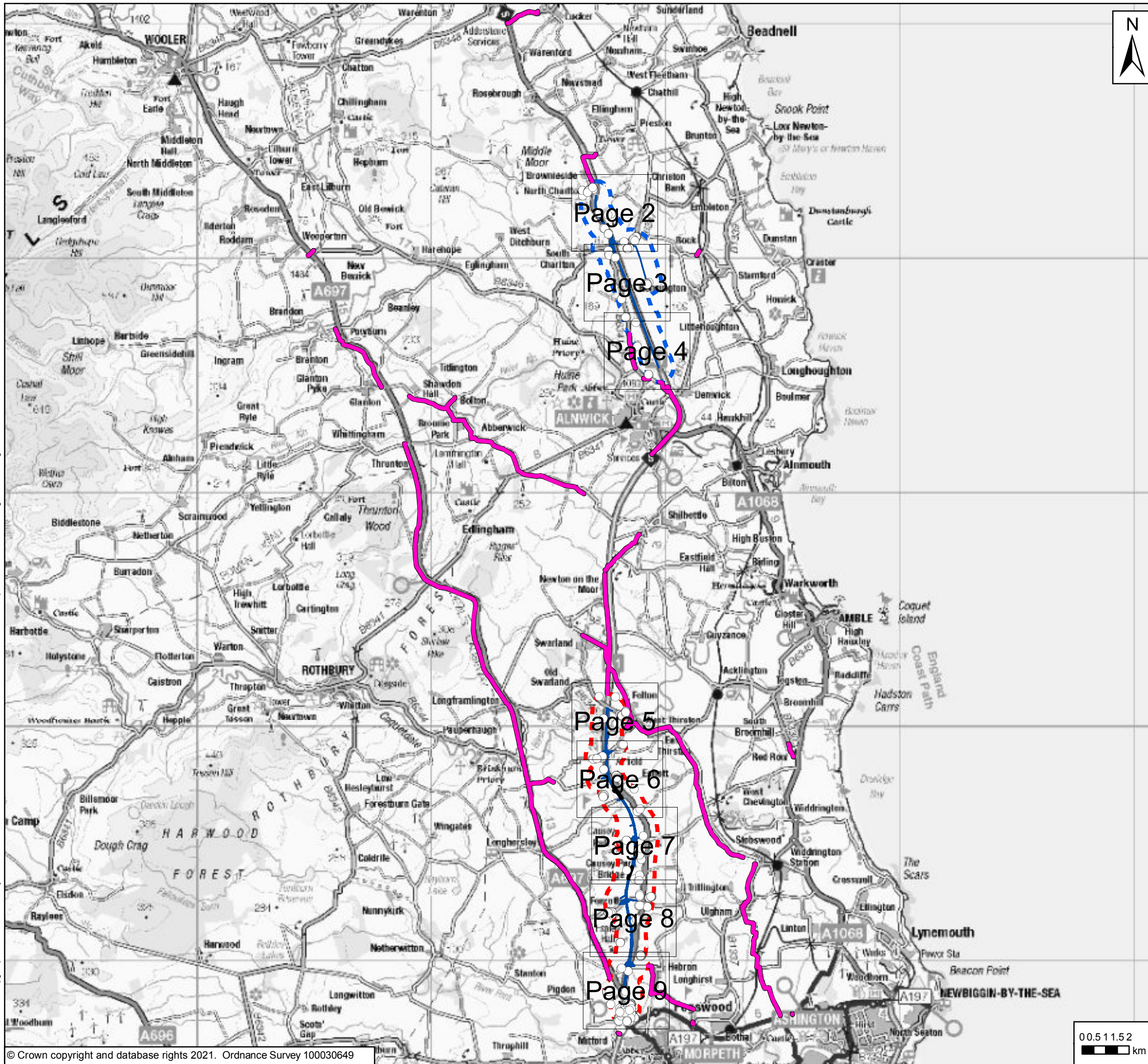
**The A1 in Northumberland: Morpeth to
Ellingham**

Development Consent Order 20[xx]

Noise Addendum Appendix D Part 1

Regulation Reference:	APFP Regulation Rule 8(1)(c)
Planning Inspectorate Scheme Reference	TR010059
Application Document Reference	TR010059/6.22.2
Author:	A1 in Northumberland: Morpeth to Ellingham Project Team, Highways England

Version	Date	Status of Version
Rev 0	January 2021	Deadline 1



- Key
- Proposed Scheme
 - Short-term Affected Links
 - Short-term Affected Links 50m Buffer
 - Part A Detailed Calculation Area
 - Part B Detailed Calculation Area
 - Noise Sensitive Receptors
 - Buildings
 - NIAs
 - Proposed Noise Barriers

Rev	Date	Description	By	Chk'd	App'd
P01	09/12/2020	First Issue	MA	NB	KS

Client



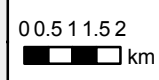
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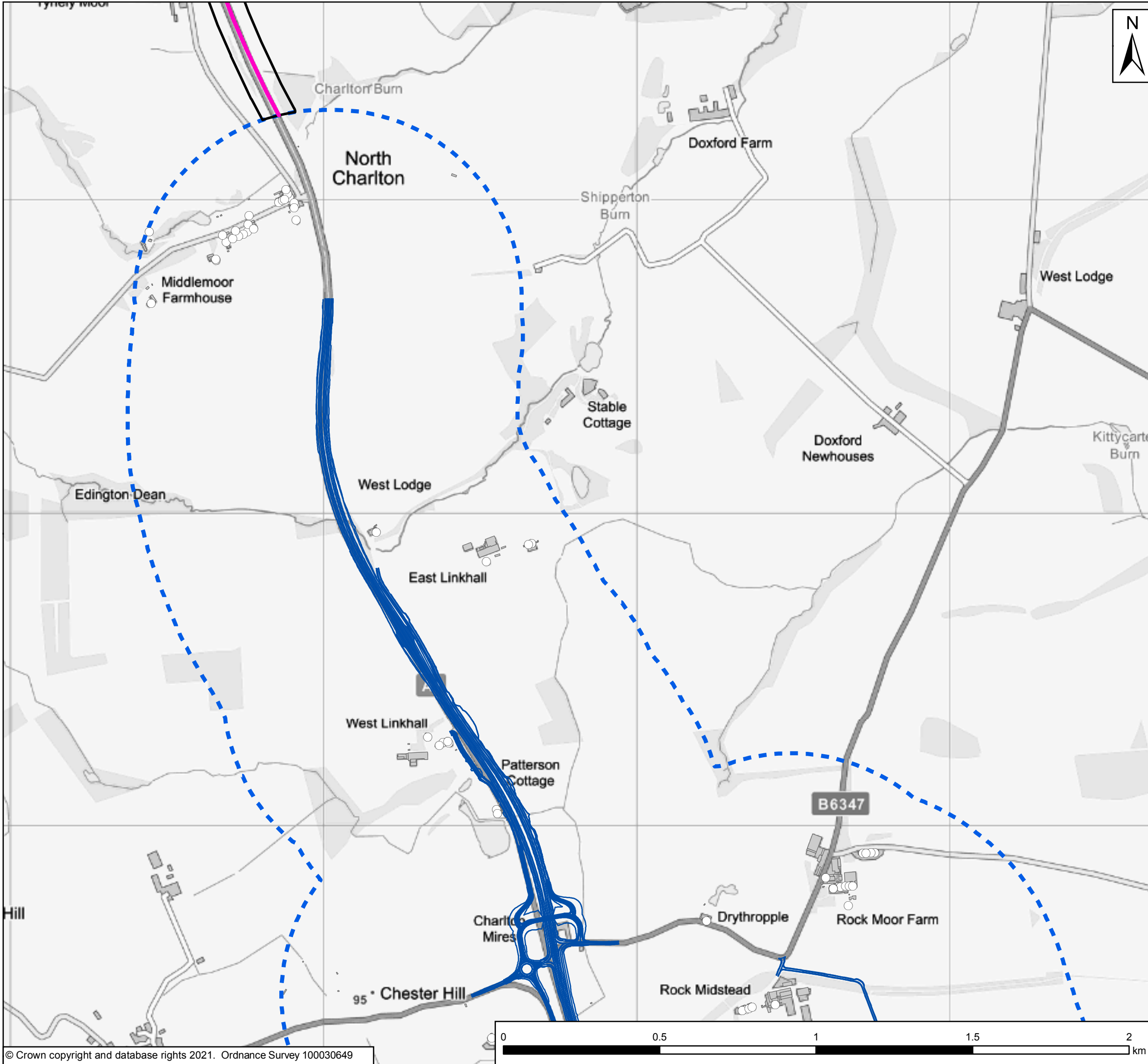
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Drawing Status: For Information
Suitability: S1

Drawing Number: HE551459	Project: M2E Location	Originator: WSP	Volume: RP Type	Project Ref. No: 70044137	Revision: P01
			LE 2130 Number		





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Project Title: A1 in Northumberland: Morpeth to Ellingham

Drawing Title: Figure 1. Operational Road Traffic Noise Study Area
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Drawing Status: For Information
Suitability: S1

Drawing Number	HE551459	Originator	WSP	Volume	2130	Project Ref. No.	70044137
Location	M2E	Type	RP	Role	LE	Revision	P01



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P01	09/12/2020	First Issue	MA	NB	KS
Rev	Date	Description	By	Chk'd	App'd

Client

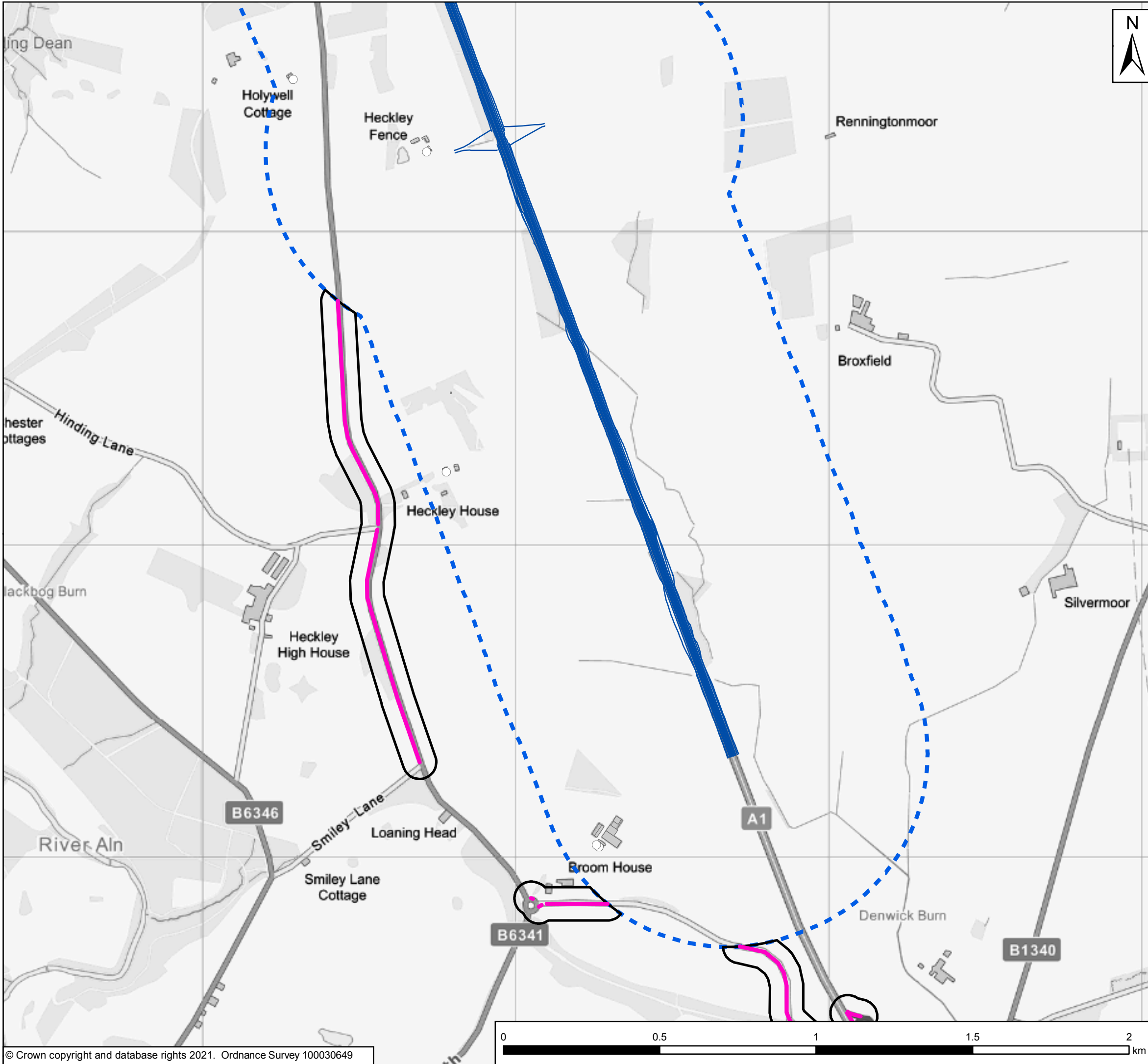
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Drawing Title: Figure 1. Operational Road Traffic Noise Study Area
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HE551459	WSP		70044137
M2E	RP	LE	2130
Location	Type	Role	Number
			P01



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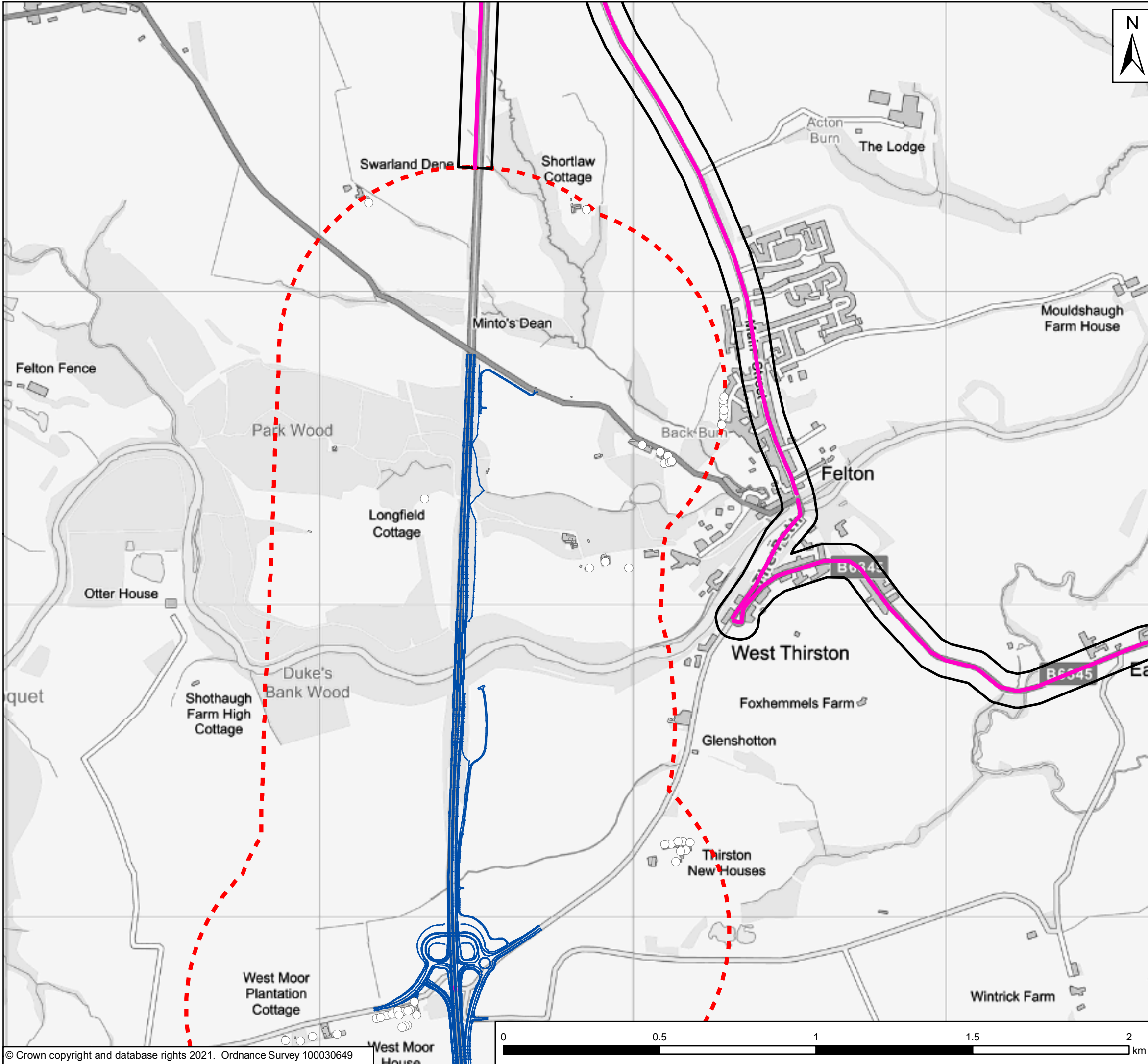
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Drawing Status: For Information
Suitability: S1

Drawing Number HE551459	Project WSP	Originator WSP	Volume 2130	Project Ref. No. 70044137
M2E Location	RP Type	LE Role	2130 Number	Revision P01



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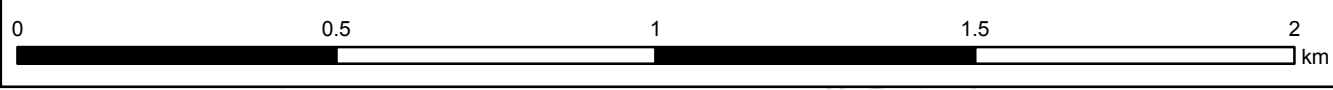
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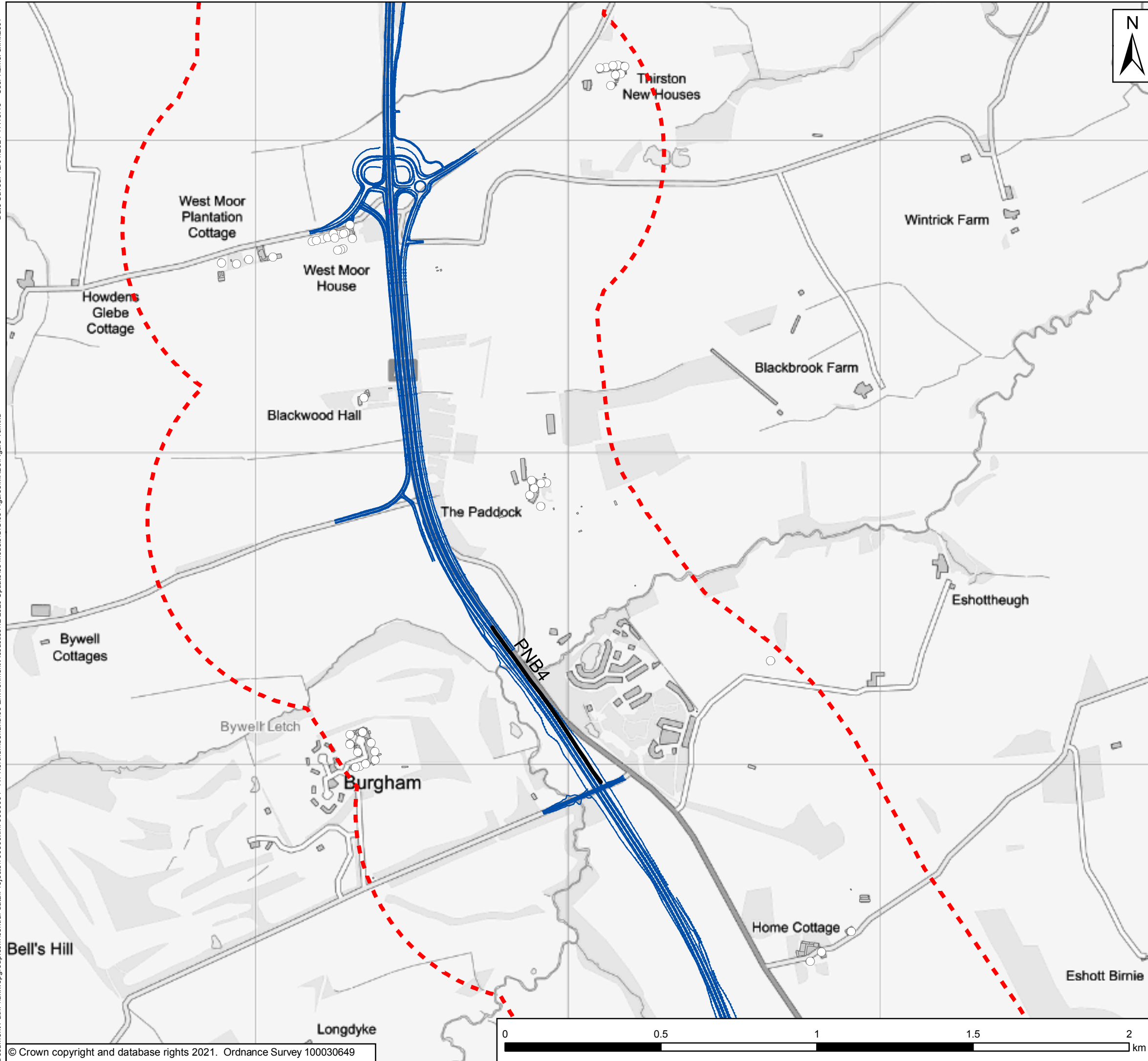
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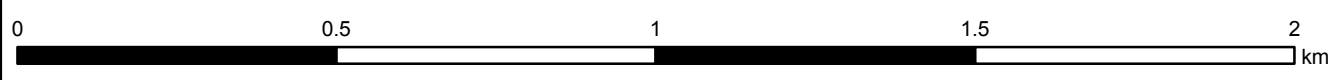


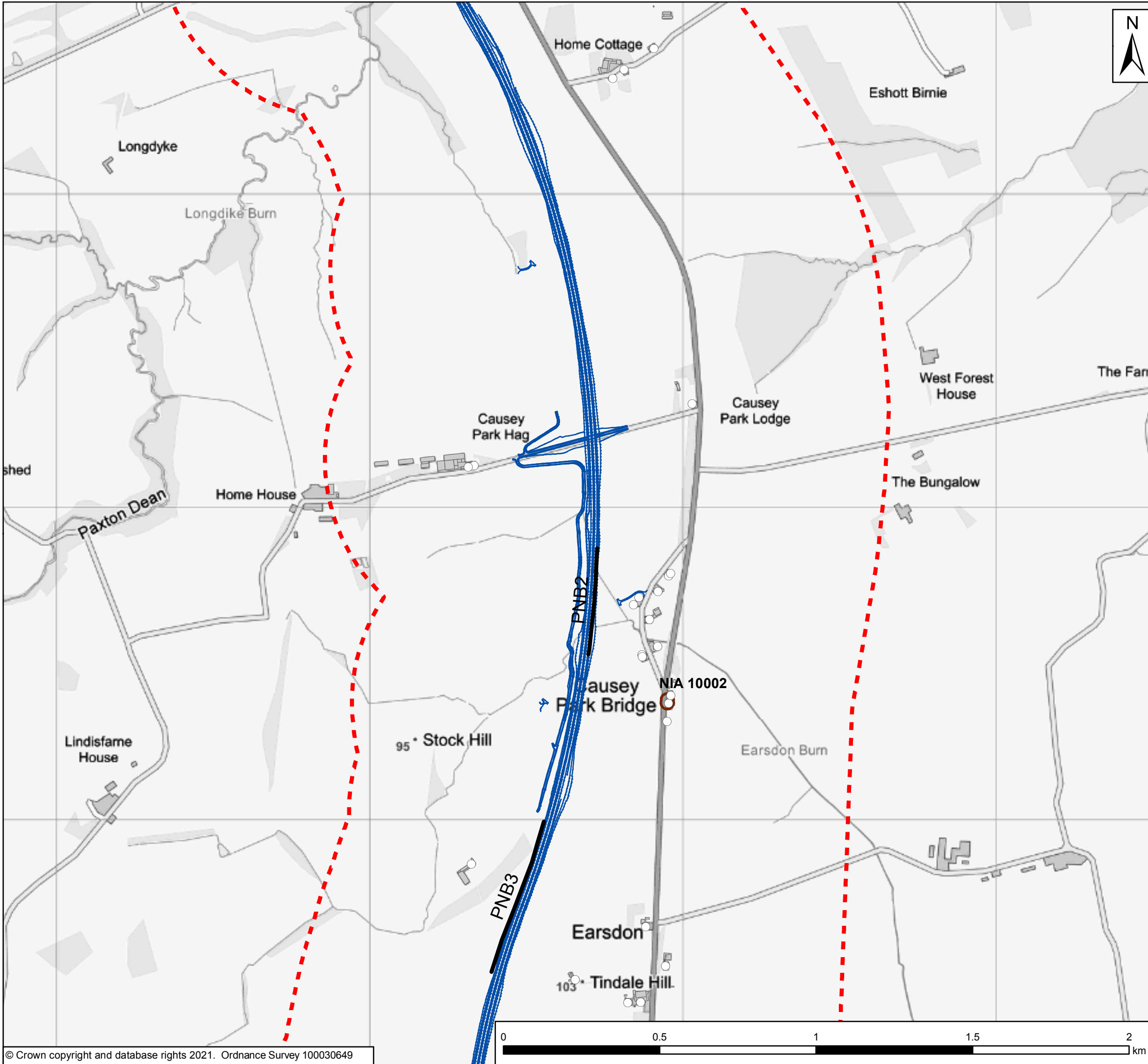
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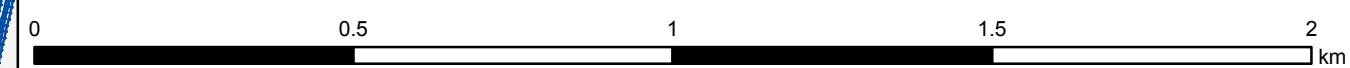
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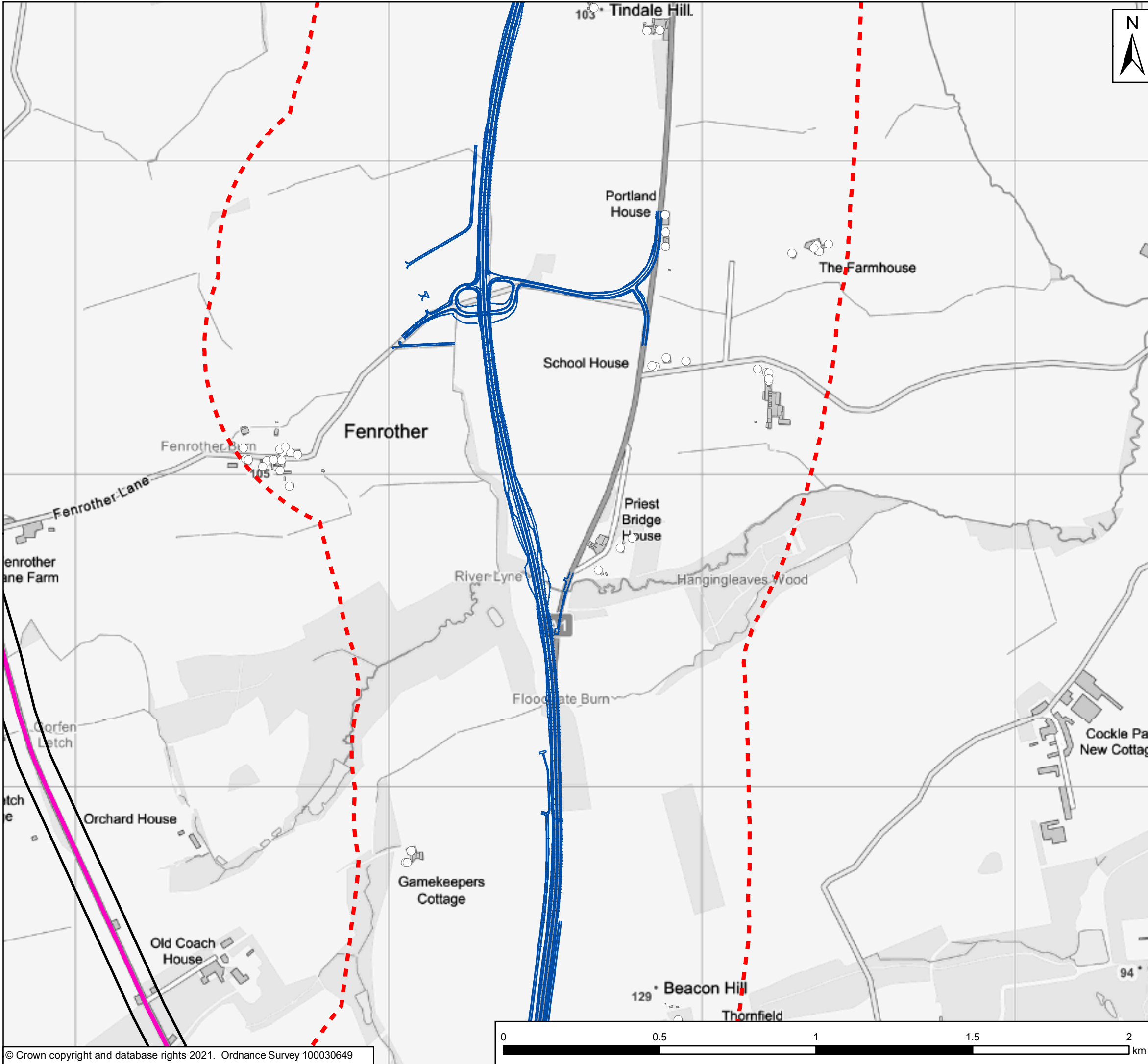
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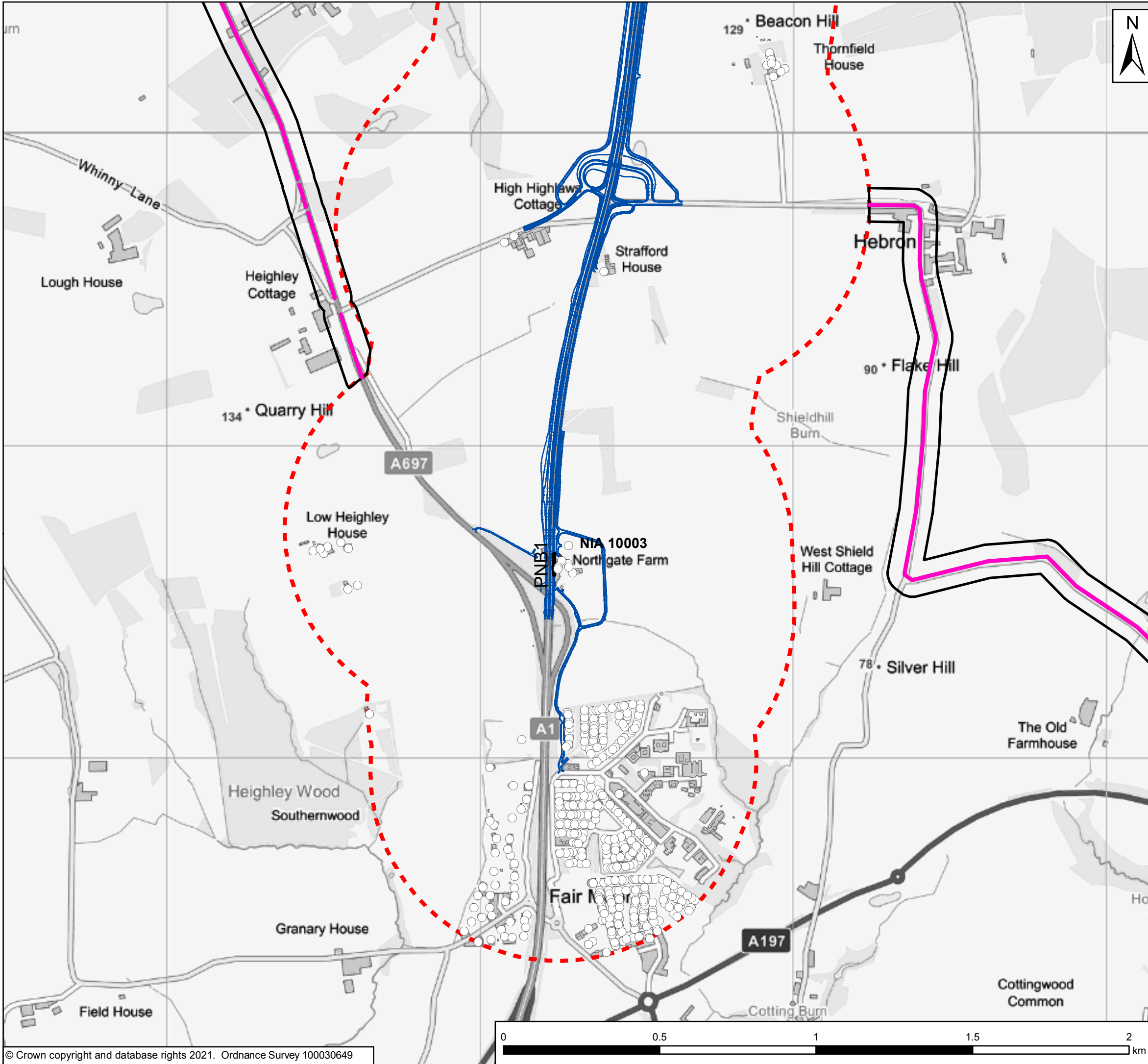
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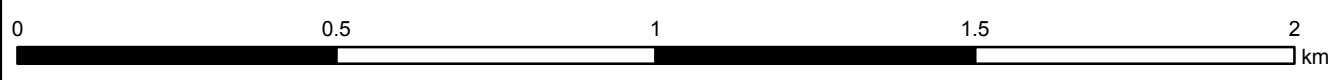
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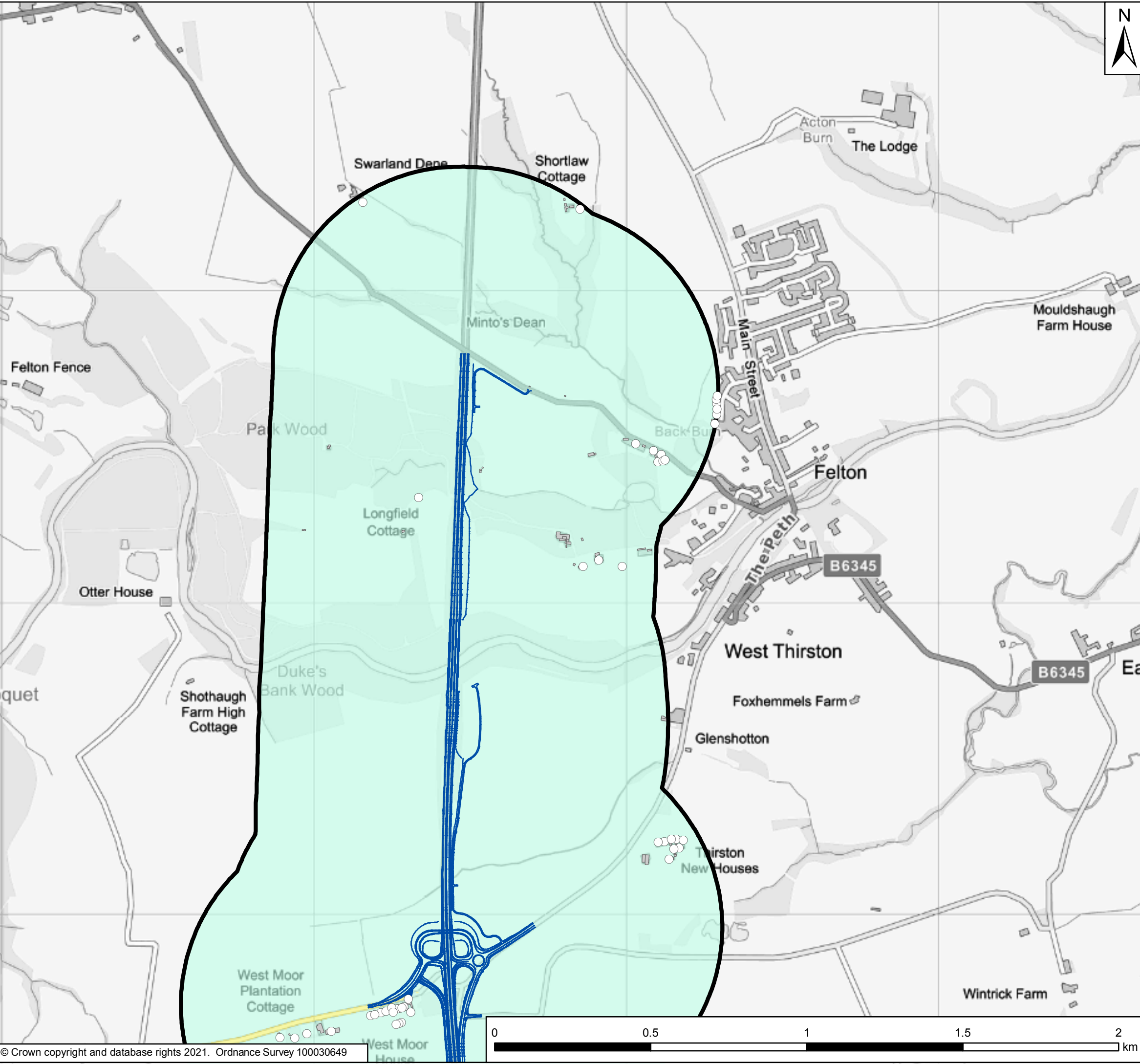
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M2E Location	RP Type	LE Role	2130 Number
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Key

- Proposed Scheme
- Noise Sensitive Receptors
- NIAs
- Part A Detailed Calculation Area
- Buildings

**Do-Minimum Noise Level Change - Part A
dB LA10,18h**

- $=$-10.0 Major
- 9.9 to -5.0 Moderate
- 4.9 to -3.0 Minor
- 2.9 to 2.9 Negligible
- 3.0 to 4.9 Minor
- 5.0 to 9.9 Moderate
- >=10.0 Major

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P01	09/12/2020	First Issue	MA	NB	KS

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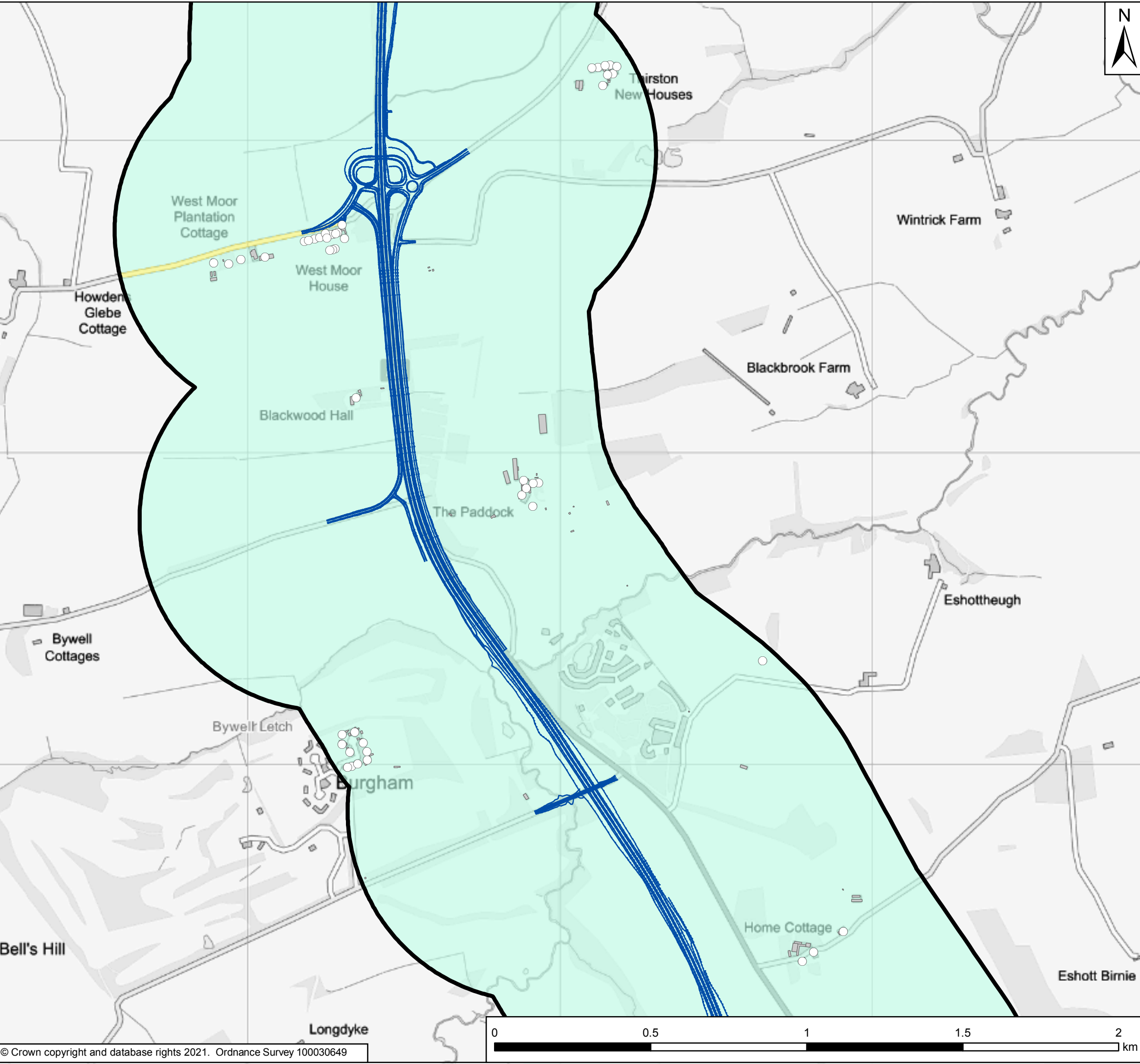
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Key

- Proposed Scheme
- Noise Sensitive Receptors
- NIAs
- Part A Detailed Calculation Area
- Buildings

**Do-Minimum Noise Level Change - Part A
dB LA10,18h**

- ≤ -10.0 Major
- 9.9 to -5.0 Moderate
- 4.9 to -3.0 Minor
- 2.9 to 2.9 Negligible
- 3.0 to 4.9 Minor
- 5.0 to 9.9 Moderate
- ≥ 10.0 Major

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P01	09/12/2020	First Issue	MA	NB	KS

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Project Title: A1 in Northumberland: Morpeth to Ellingham

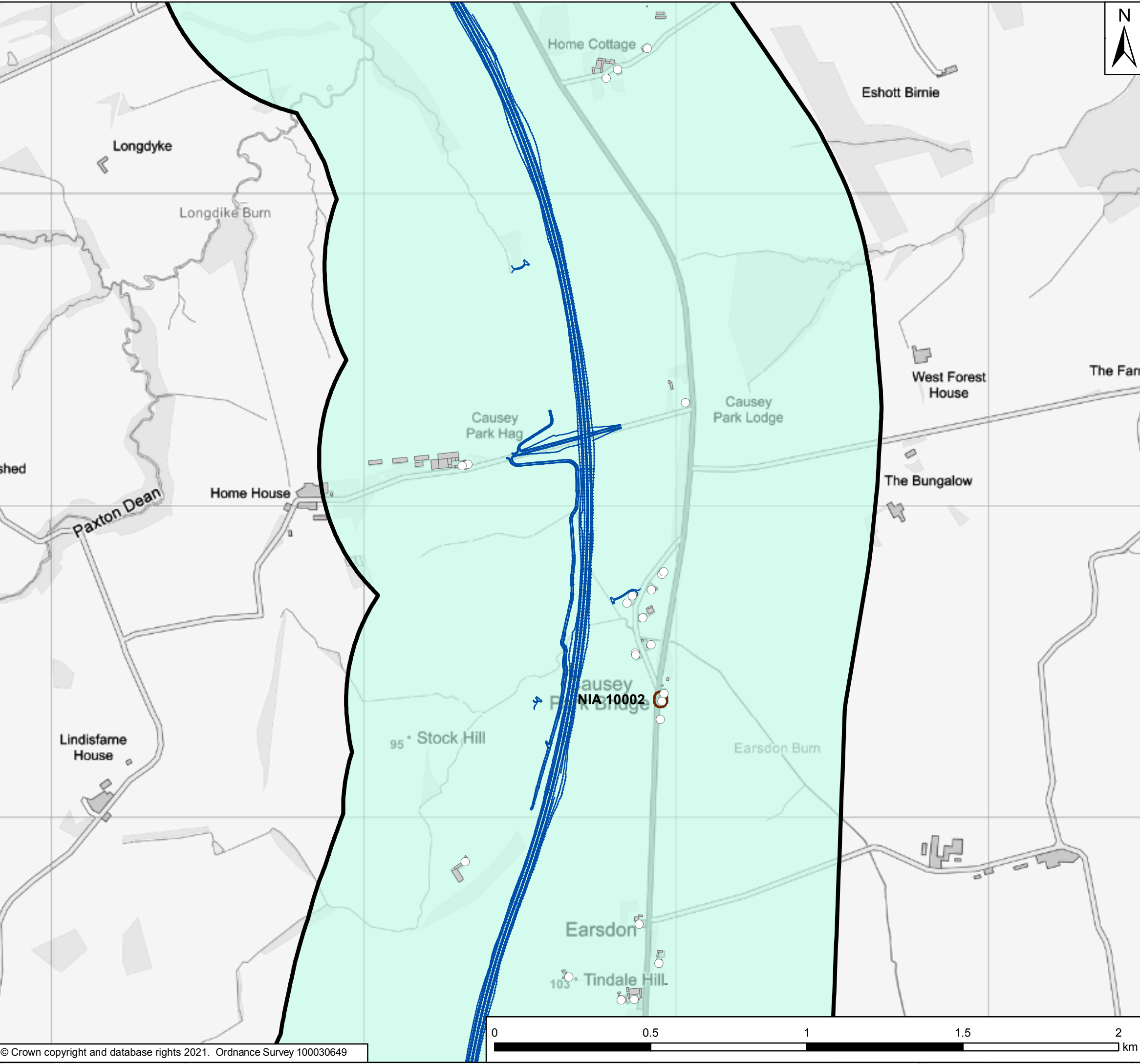
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Key

- Proposed Scheme
- Noise Sensitive Receptors
- NIAs
- Part A Detailed Calculation Area
- Buildings

**Do-Minimum Noise Level Change - Part A
dB LA10,18h**

- ≤ -10.0 Major
- 9.9 to -5.0 Moderate
- 4.9 to -3.0 Minor
- 2.9 to 2.9 Negligible
- 3.0 to 4.9 Minor
- 5.0 to 9.9 Moderate
- ≥ 10.0 Major

Rev	Date	Description	By	Chk'd	App'd
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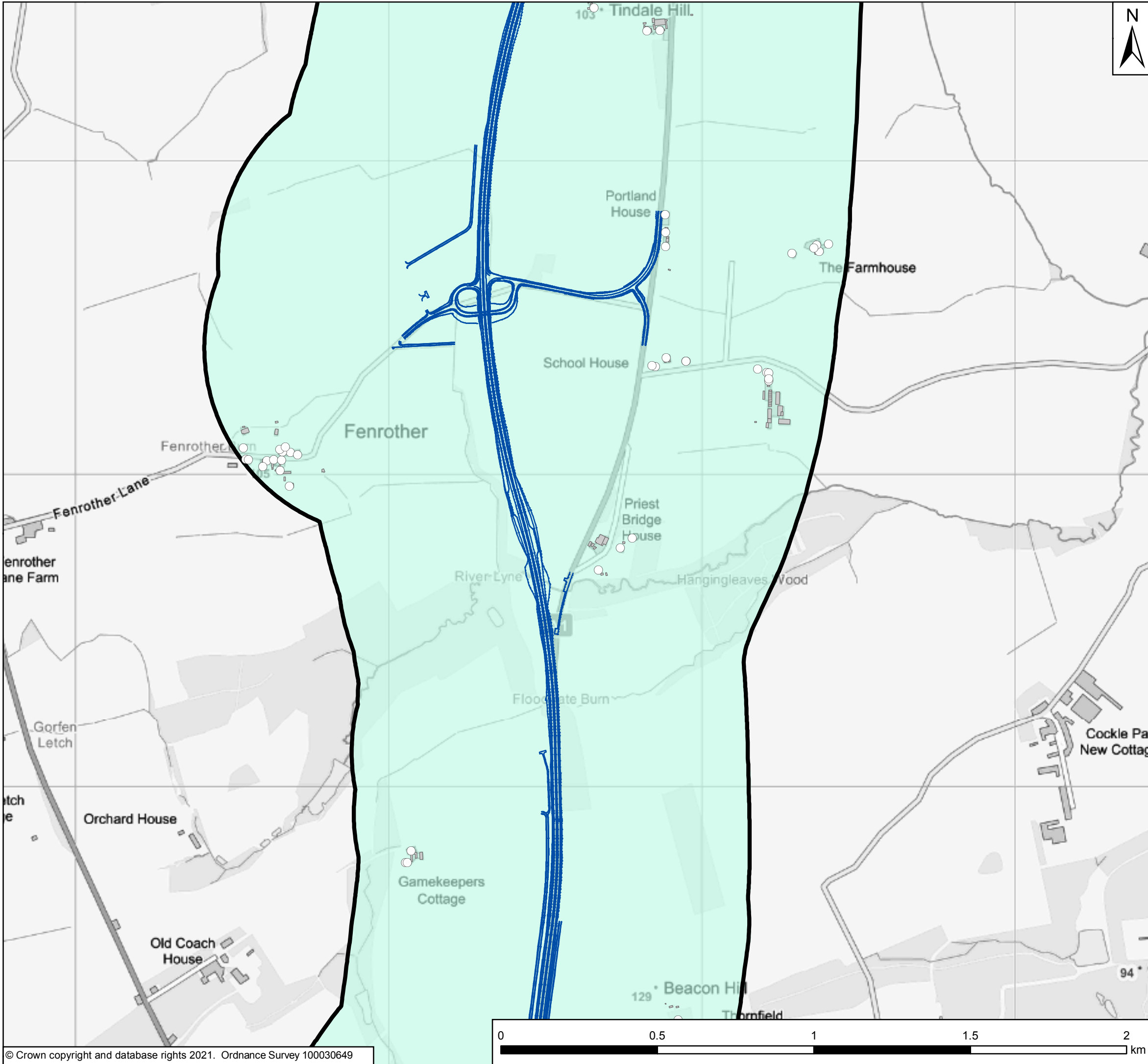
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Key

- Proposed Scheme
- Noise Sensitive Receptors
- NIAs
- Part A Detailed Calculation Area
- Buildings

**Do-Minimum Noise Level Change - Part A
dB LA10,18h**

- ≤ -10.0 Major
- 9.9 to -5.0 Moderate
- 4.9 to -3.0 Minor
- 2.9 to 2.9 Negligible
- 3.0 to 4.9 Minor
- 5.0 to 9.9 Moderate
- ≥ 10.0 Major

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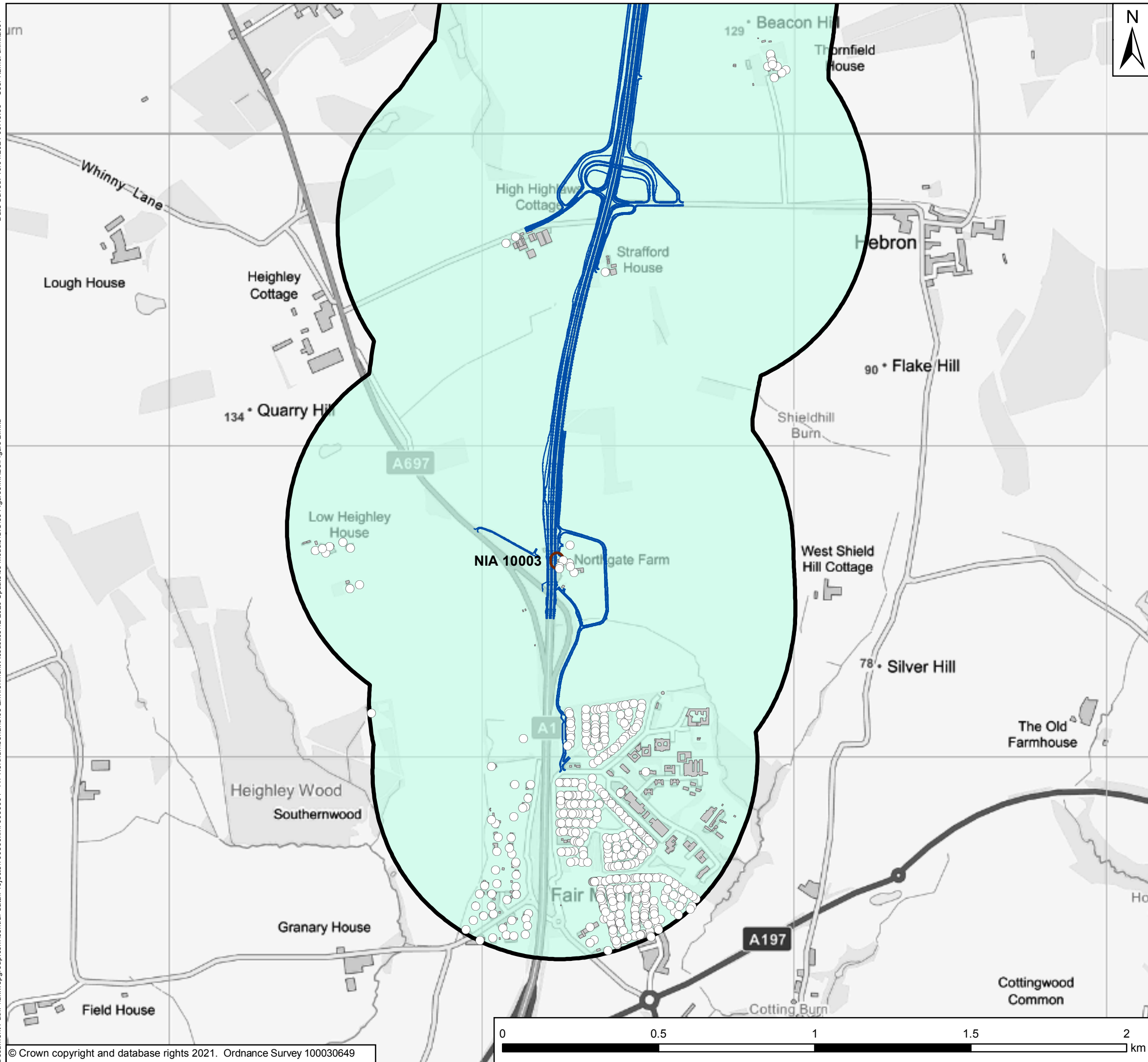
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Drawing Number Project HE551459	Originator WSP	Volume	Project Ref. No. 70044137
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Key

- Proposed Scheme
- Noise Sensitive Receptors
- ▭ NIAs
- ▭ Part A Detailed Calculation Area
- ▭ Buildings

**Do-Minimum Noise Level Change - Part A
dB LA10,18h**

- ≤ -10.0 Major
- 9.9 to -5.0 Moderate
- 4.9 to -3.0 Minor
- 2.9 to 2.9 Negligible
- 3.0 to 4.9 Minor
- 5.0 to 9.9 Moderate
- ≥ 10.0 Major

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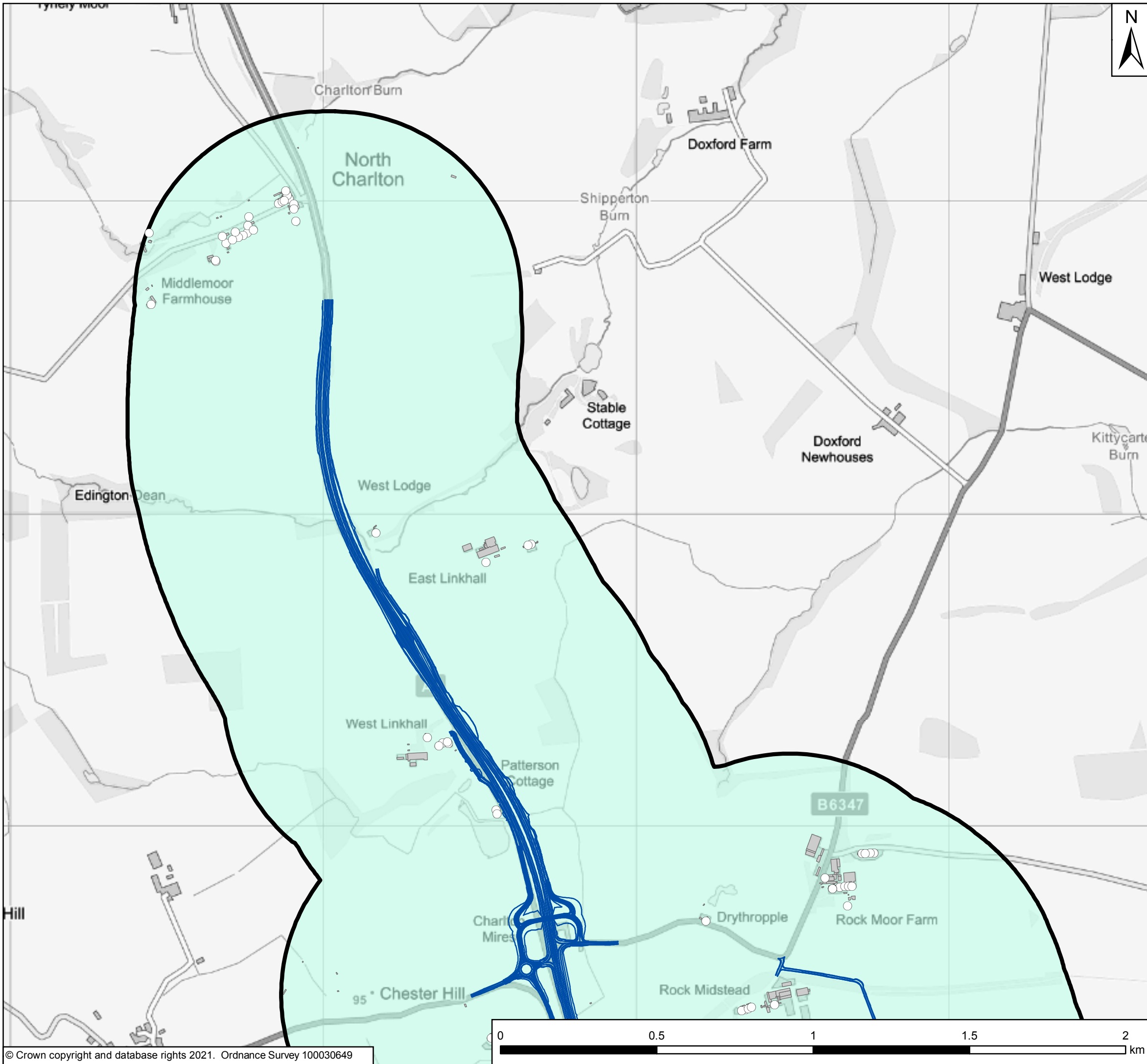
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Project Title: A1 in Northumberland: Morpeth to Ellingham

Drawing Title: Figure 2. Do-Minimum Noise Level Change - Part A
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Key

- Proposed Scheme
- Noise Sensitive Receptors
- Part B Detailed Calculation Area
- Buildings

**Do-Minimum Noise Level Change - Part B
dB LA10,18h**

- <=-10 Major
- 9.9 to -5.0 Moderate
- 4.9 to -3.0 Minor
- 2.9 to 2.9 Negligible
- 3.0 to 4.9 Minor
- 5.0 to 9.9 Moderate
- >=10.0 Major

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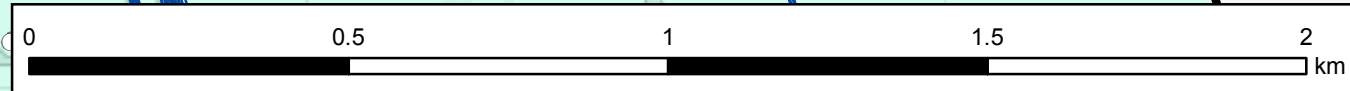
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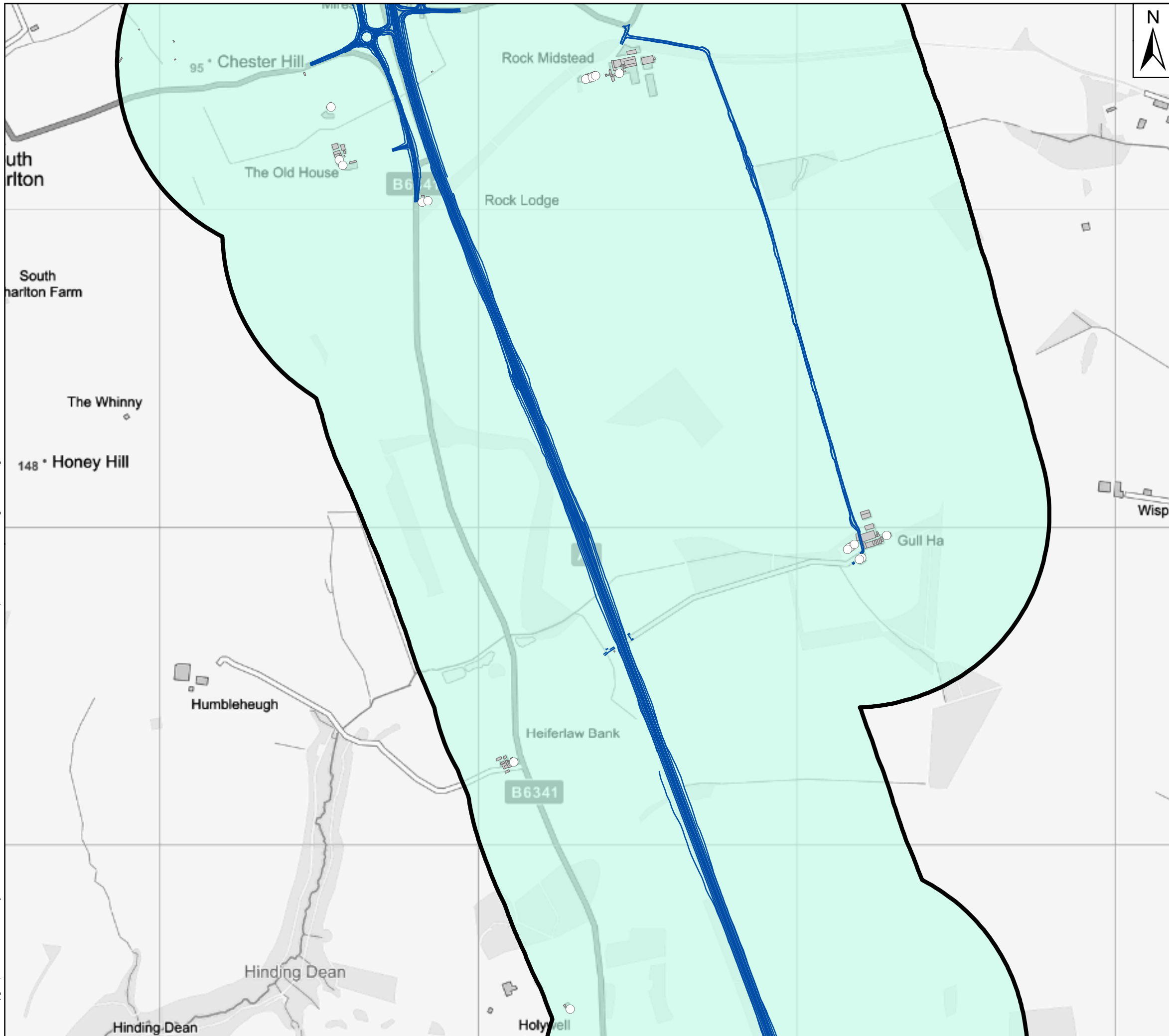
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M2E Location	RP Type	LE Role	2130 Number
			Revision P01





Key

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- Part B Detailed Calculation Area
- Buildings

**Do-Minimum Noise Level Change - Part B
dB LA10,18h**

- <=-10 Major
- 9.9 to -5.0 Moderate
- 4.9 to -3.0 Minor
- 2.9 to 2.9 Negligible
- 3.0 to 4.9 Minor
- 5.0 to 9.9 Moderate
- >=10.0 Major

Rev	Date	Description	By	Chk'd	App'd
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Project Title
A1 in Northumberland: Morpeth to Ellingham

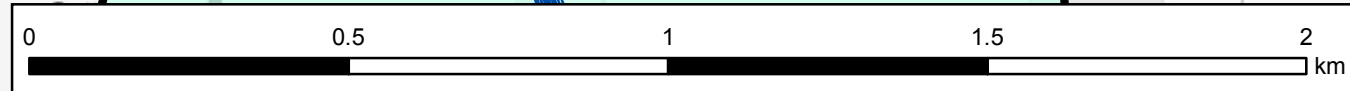
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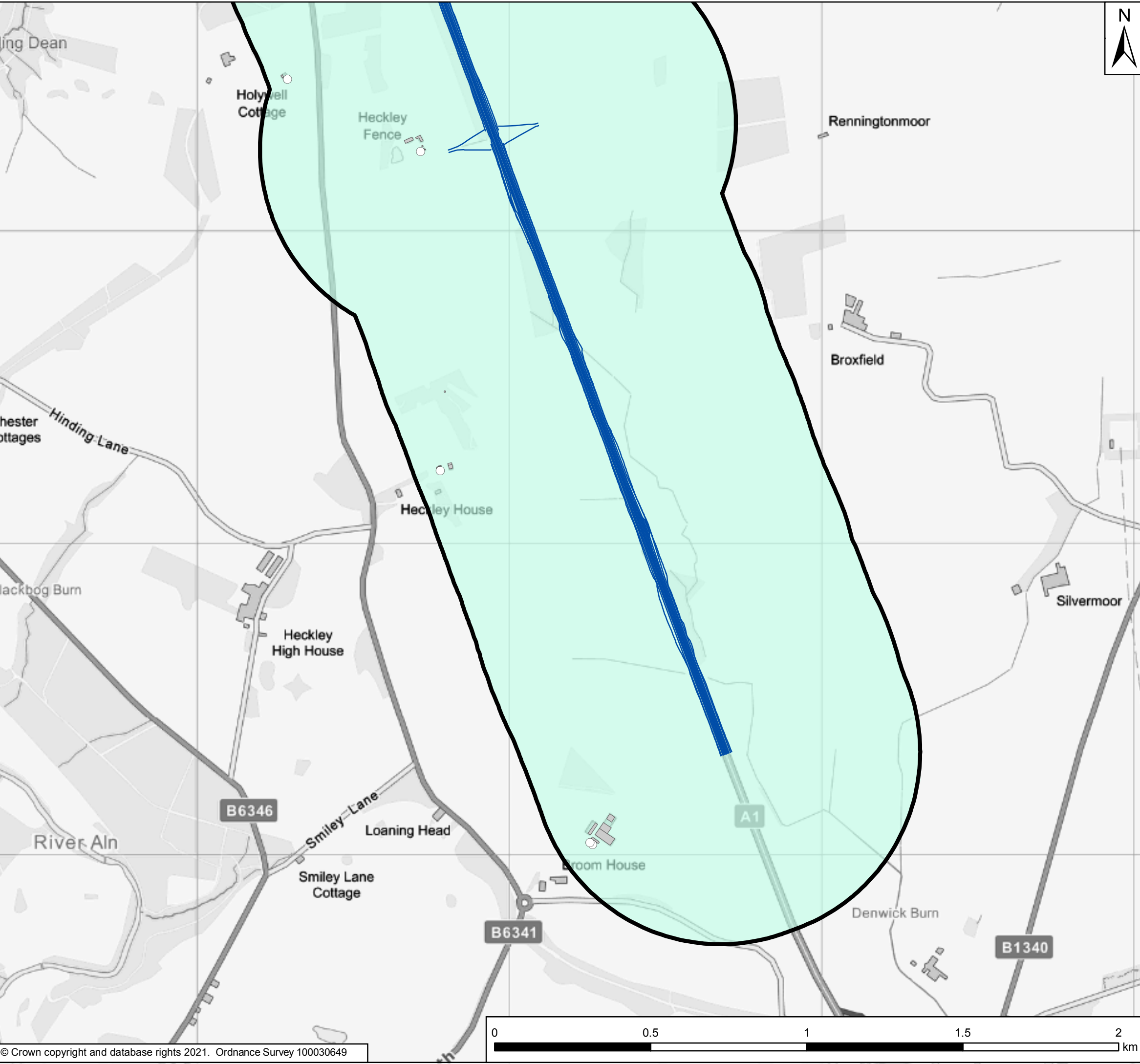
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Key

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- Part B Detailed Calculation Area
- Buildings

**Do-Minimum Noise Level Change - Part B
dB LA10,18h**

- <=-10 Major
- 9.9 to -5.0 Moderate
- 4.9 to -3.0 Minor
- 2.9 to 2.9 Negligible
- 3.0 to 4.9 Minor
- 5.0 to 9.9 Moderate
- >=10.0 Major

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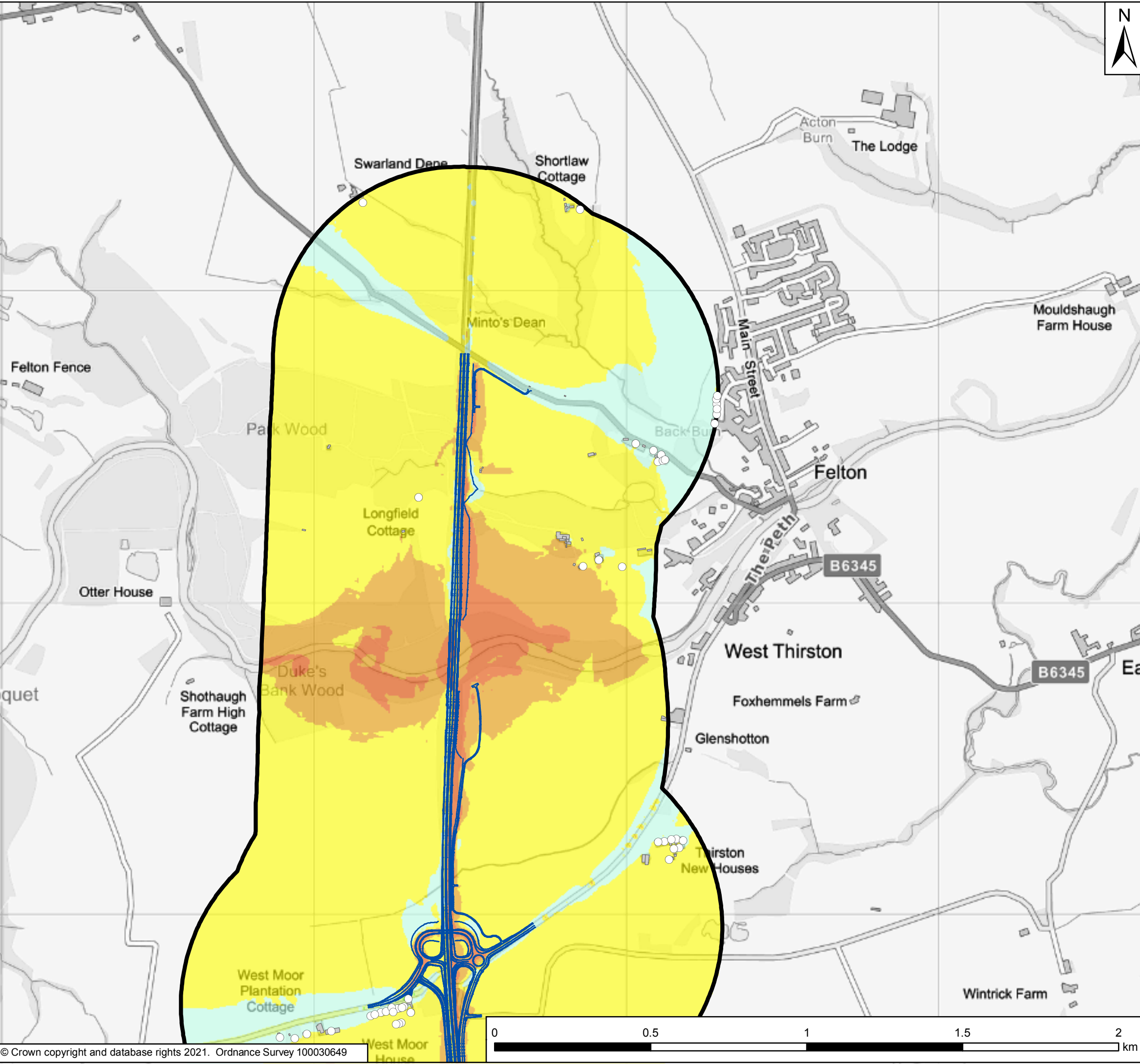
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Key

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- NIAs
- Part A Detailed Calculation Area
- Buildings

Short-term Noise Level Change - Part A

dB LA10,18h

- ≤ -5.0 Major
- 4.9 to -3.0 Moderate
- 2.9 to -1.0 Minor
- 0.9 to 0.9 Negligible
- 1.0 to 2.9 Minor
- 3.0 to 4.9 Moderate
- ≥ 5 Major

Rev	Date	Description	By	Chk'd	App'd
P01	09/12/2020	First Issue	MA	NB	KS



Project Title: A1 in Northumberland: Morpeth to Ellingham

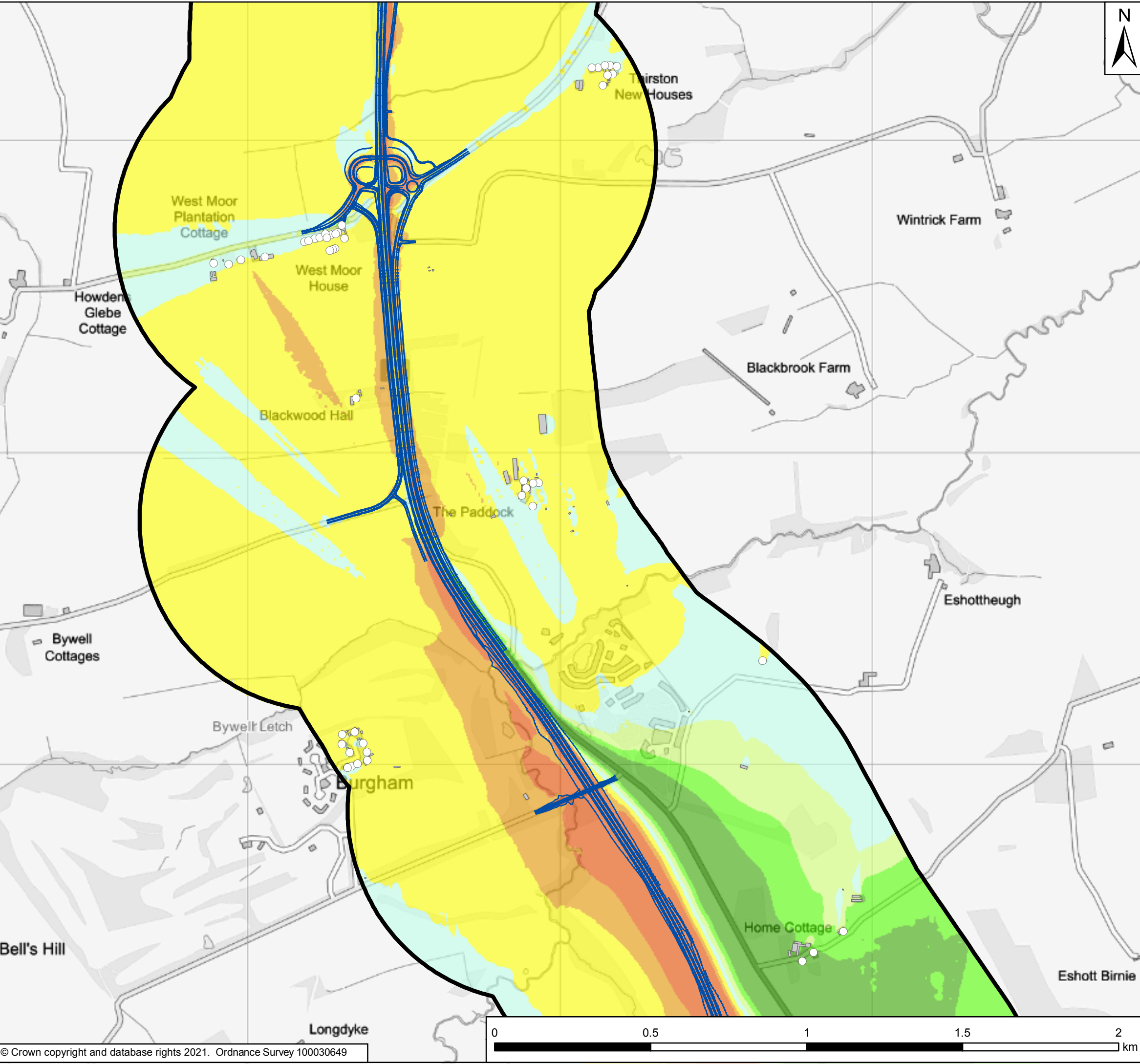
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Page 1 of 5

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Drawing Status: For Information
Suitability: S1

Drawing Number Project HE551459	Originator WSP	Volume	Project Ref. No. 70044137
M2E Location	RP Type	LE Role	2130 Number
			Revision P01

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Key

- Proposed Scheme
- Noise Sensitive Receptors
- NIAs
- Part A Detailed Calculation Area
- Buildings

Short-term Noise Level Change - Part A
dB LA10,18h

- ≤ -5.0 Major
- 4.9 to -3.0 Moderate
- 2.9 to -1.0 Minor
- 0.9 to 0.9 Negligible
- 1.0 to 2.9 Minor
- 3.0 to 4.9 Moderate
- ≥ 5 Major

P01	09/12/2020	First Issue	MA	NB	KS
Rev	Date	Description	By	Chk'd	App'd

Client

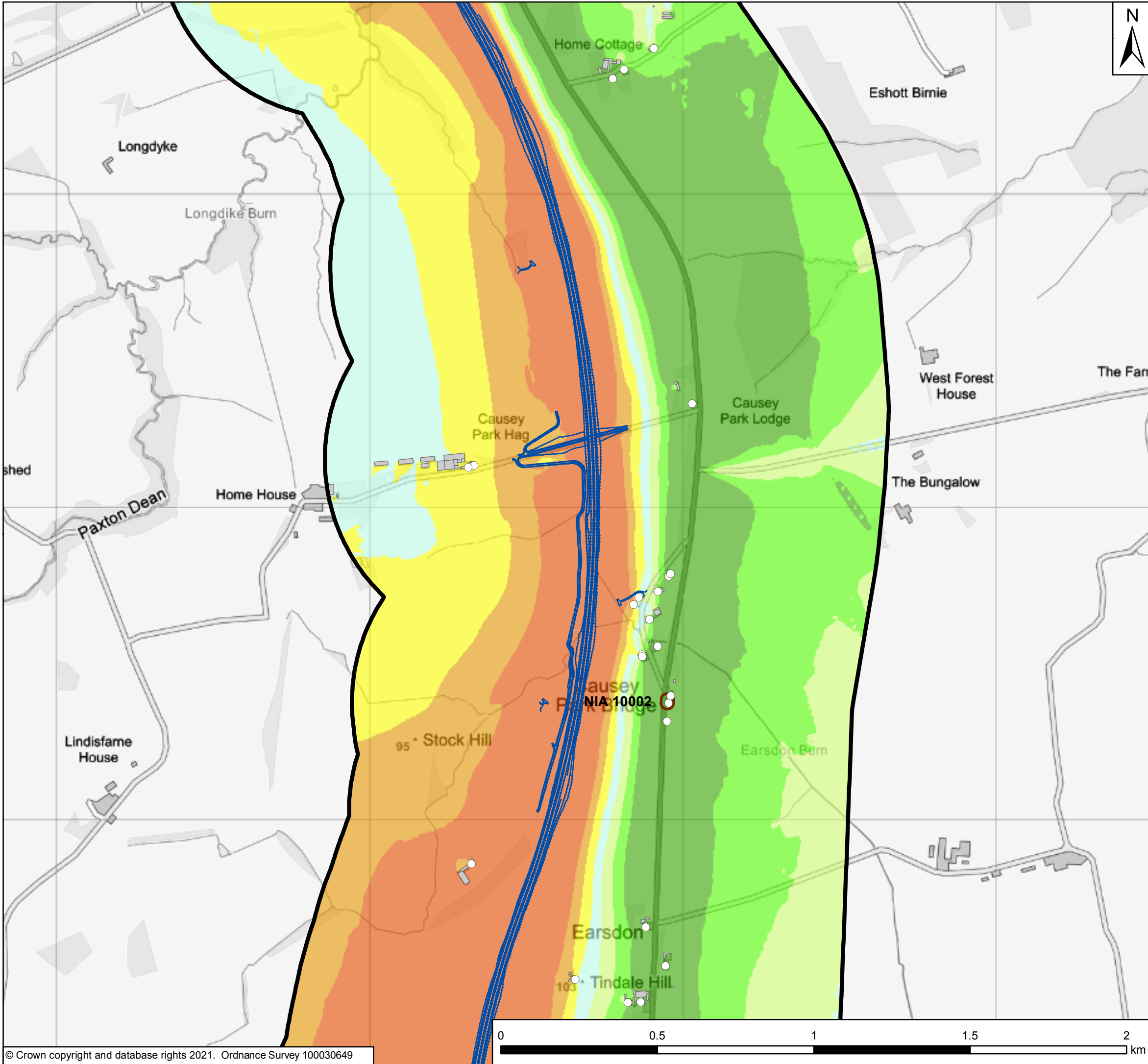
Project Title: A1 in Northumberland: Morpeth to Ellingham

Drawing Title: Figure 4. Short-term Noise Level Change - Part A
Page 2 of 5

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Drawing Status: For Information
Suitability: S1

Drawing Number Project HE551459	Originator WSP	Volume	Project Ref. No. 70044137
M2E Location	RP Type	LE Role	2130 Number
			Revision P01



Key

- Proposed Scheme
- Noise Sensitive Receptors
- NIAs
- Part A Detailed Calculation Area
- Buildings

Short-term Noise Level Change - Part A

dB LA10,18h

- ≤ -5.0 Major
- 4.9 to -3.0 Moderate
- 2.9 to -1.0 Minor
- 0.9 to 0.9 Negligible
- 1.0 to 2.9 Minor
- 3.0 to 4.9 Moderate
- ≥ 5 Major

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P01	09/12/2020	First Issue	MA	NB	KS

Client

Project Title: A1 in Northumberland: Morpeth to Ellingham

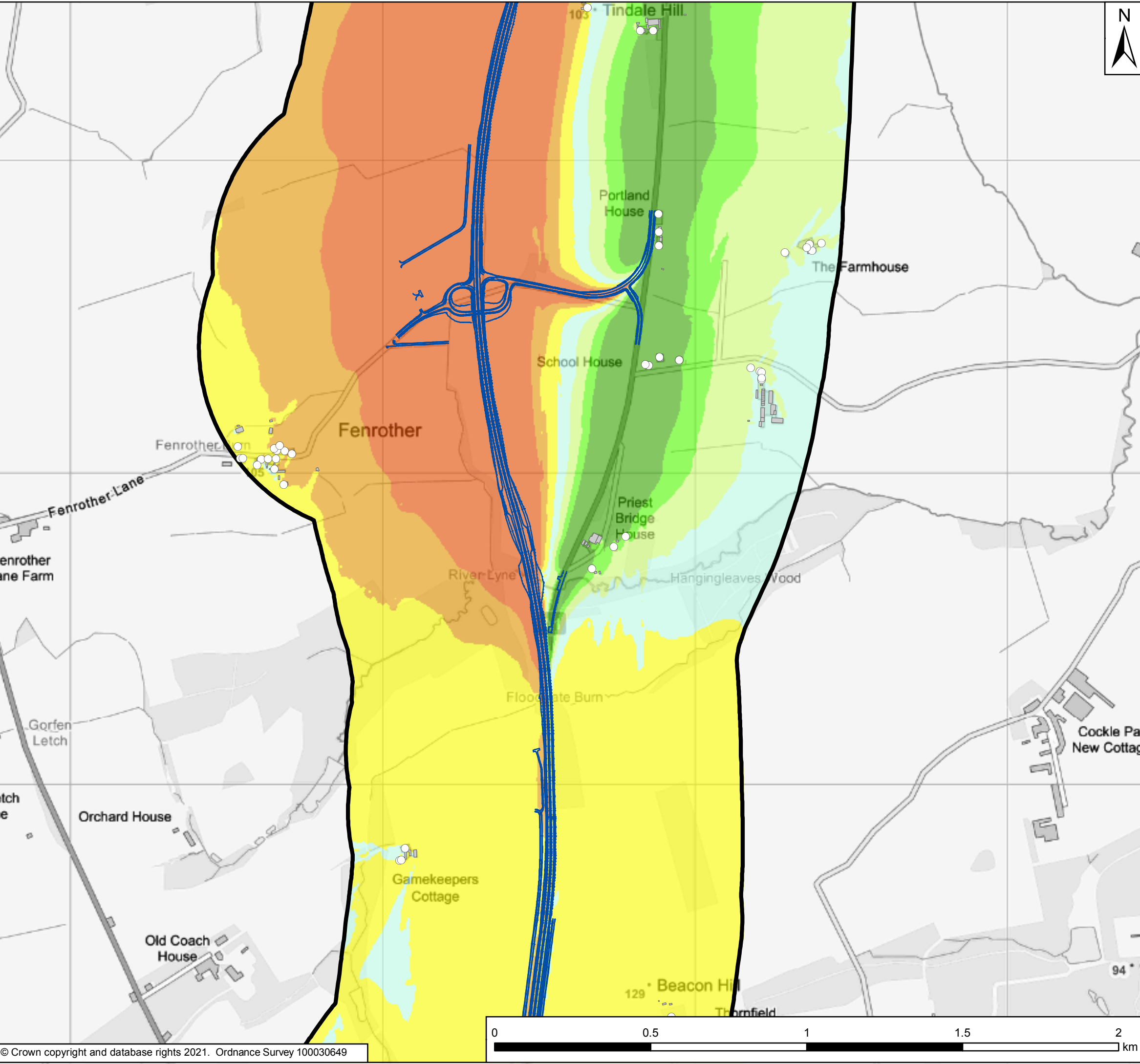
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Page 3 of 5

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Key

- Proposed Scheme
- Noise Sensitive Receptors
- NIAs
- Part A Detailed Calculation Area
- Buildings

Short-term Noise Level Change - Part A

dB LA10,18h

- ≤ -5.0 Major
- 4.9 to -3.0 Moderate
- 2.9 to -1.0 Minor
- 0.9 to 0.9 Negligible
- 1.0 to 2.9 Minor
- 3.0 to 4.9 Moderate
- ≥ 5 Major

Rev	Date	Description	By	Chk'd	App'd
P01	09/12/2020	First Issue	MA	NB	KS

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Project Title: A1 in Northumberland: Morpeth to Ellingham

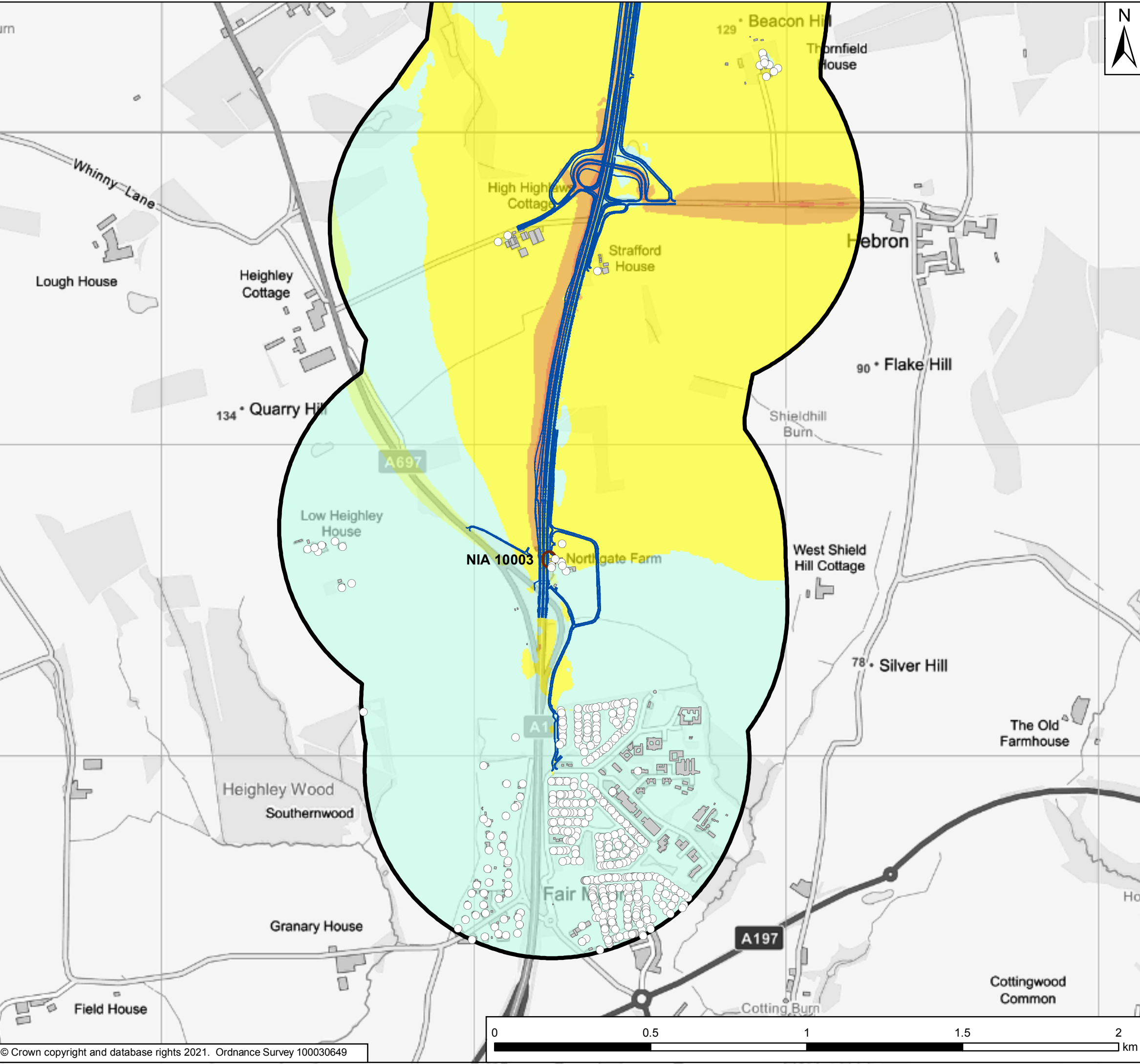
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Page 4 of 5

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For Information				S1

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Key

- Proposed Scheme
- Noise Sensitive Receptors
- NIAs
- Part A Detailed Calculation Area
- Buildings

Short-term Noise Level Change - Part A

dB LA10,18h

- ≤ -5.0 Major
- 4.9 to -3.0 Moderate
- 2.9 to -1.0 Minor
- 0.9 to 0.9 Negligible
- 1.0 to 2.9 Minor
- 3.0 to 4.9 Moderate
- ≥ 5 Major

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P01	09/12/2020	First Issue	MA	NB	KS

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Project Title: A1 in Northumberland: Morpeth to Ellingham

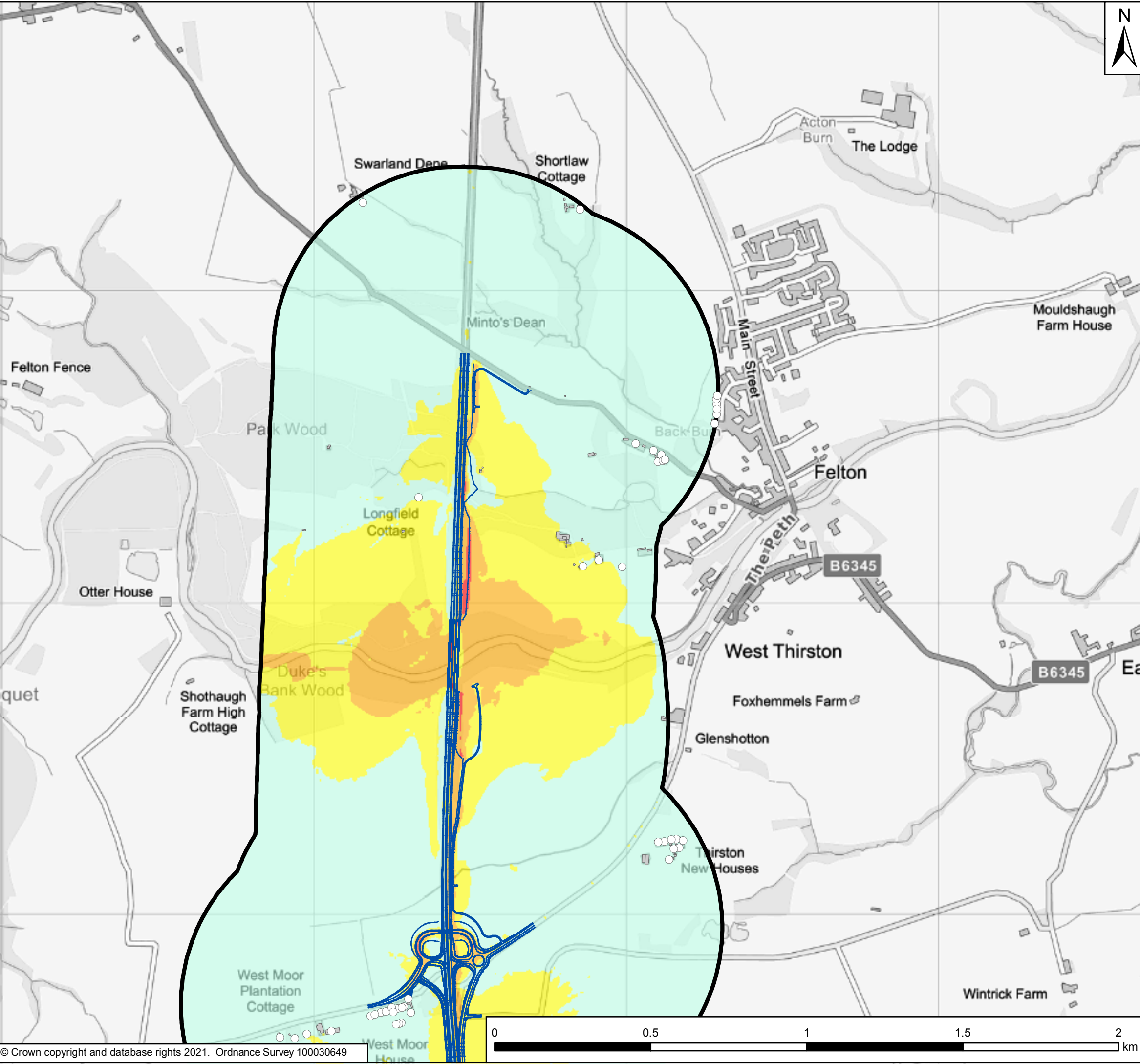
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Page 5 of 5

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Key

- Proposed Scheme
- Noise Sensitive Receptors
- NIAs
- Part A Detailed Calculation Area
- Buildings

Long-term Noise Level Change - Part A

dB LA10,18h

- <=-10 Major
- 9.9 to -5.0 Moderate
- 4.9 to -3.0 Minor
- 2.9 to 2.9 Negligible
- 3.0 to 4.9 Minor
- 5.0 to 9.9 Moderate
- >=10.0 Major

Rev	Date	Description	By	Chk'd	App'd
P01	09/12/2020	First Issue	MA	NB	KS



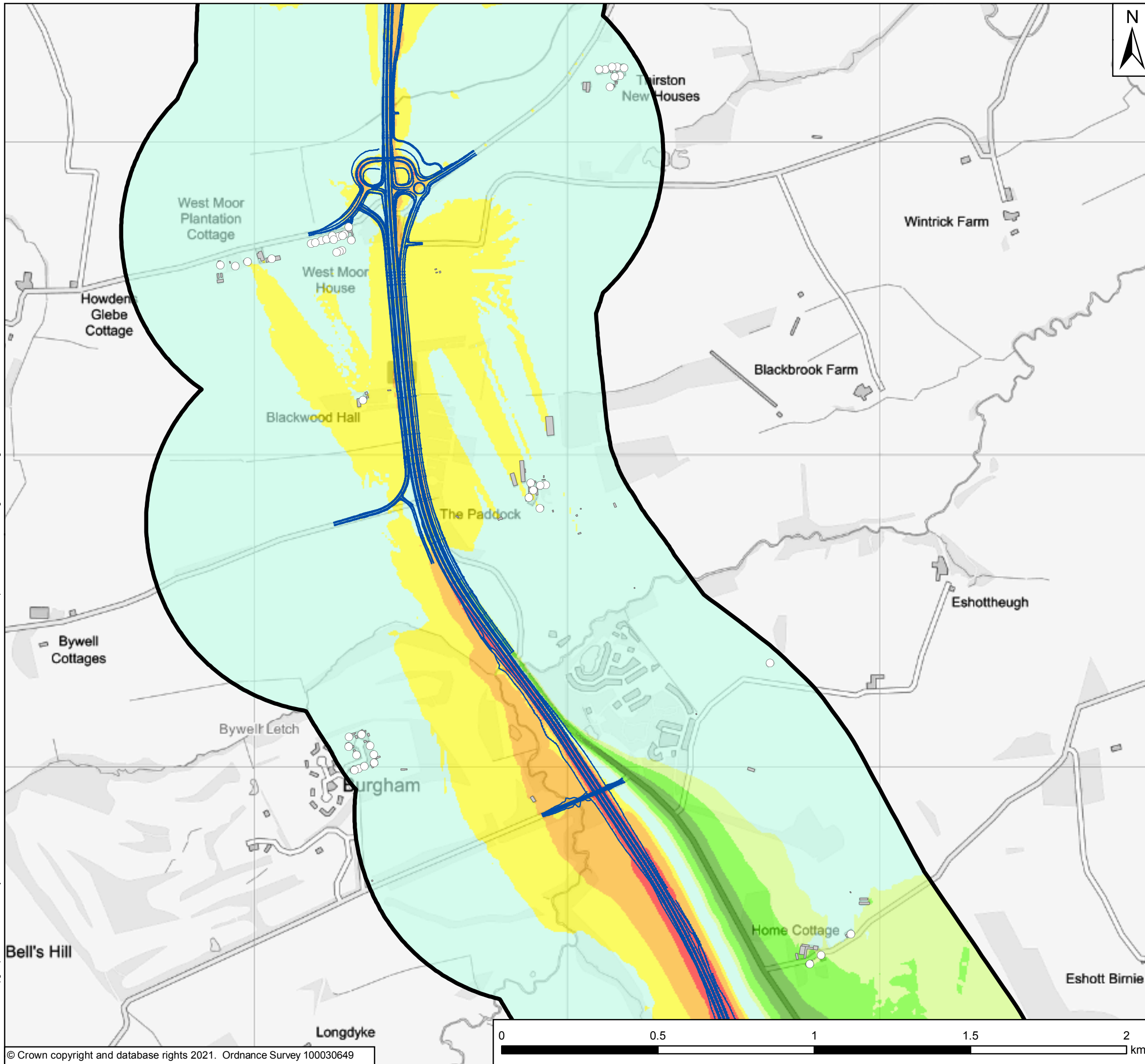
Project Title: A1 in Northumberland: Morpeth to Ellingham

Drawing Title: Figure 5. Long-term Noise Level Change - Part A
Page 1 of 5

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Drawing Number Project HE551459	Originator WSP	Volume	Project Ref. No. 70044137
M2E Location	RP Type	LE Role	2130 Number
			Revision P01



Key

- Proposed Scheme
- Noise Sensitive Receptors
- NIAs
- Part A Detailed Calculation Area
- Buildings

Long-term Noise Level Change - Part A
dB LA10,18h

- <=-10 Major
- 9.9 to -5.0 Moderate
- 4.9 to -3.0 Minor
- 2.9 to 2.9 Negligible
- 3.0 to 4.9 Minor
- 5.0 to 9.9 Moderate
- >=10.0 Major

Rev	Date	Description	By	Chk'd	App'd
P01	09/12/2020	First Issue	MA	NB	KS

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Project Title: A1 in Northumberland: Morpeth to Ellingham

Drawing Title: Figure 5. Long-term Noise Level Change - Part A
Page 2 of 5

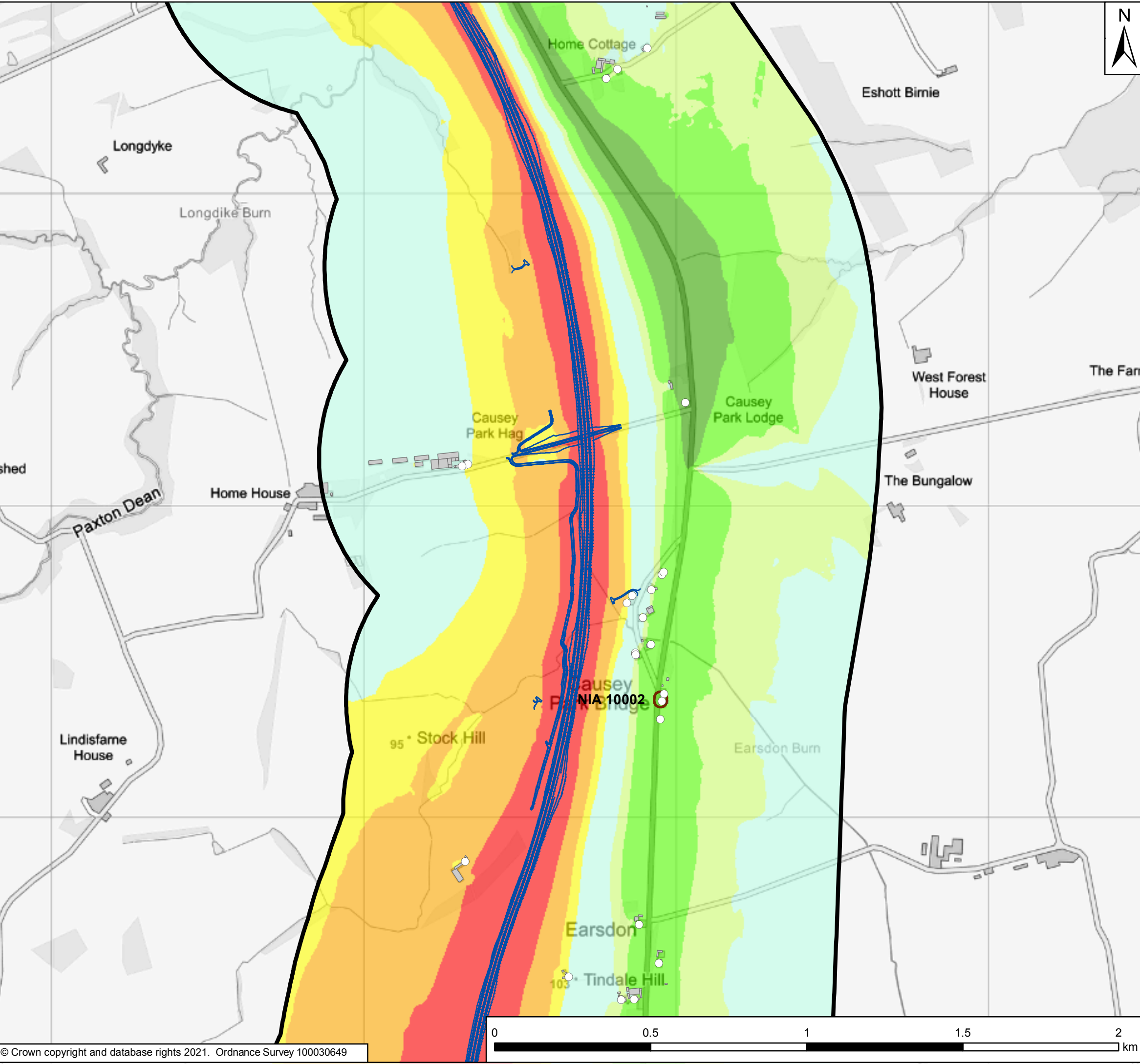
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M2E Location	RP Type	LE Role	2130 Number
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Key

- Proposed Scheme
- Noise Sensitive Receptors
- NIAs
- Part A Detailed Calculation Area
- Buildings

Long-term Noise Level Change - Part A

dB LA10,18h

- <= -10 Major
- 9.9 to -5.0 Moderate
- 4.9 to -3.0 Minor
- 2.9 to 2.9 Negligible
- 3.0 to 4.9 Minor
- 5.0 to 9.9 Moderate
- >=10.0 Major

Rev	Date	Description	By	Chk'd	App'd
P01	09/12/2020	First Issue	MA	NB	KS

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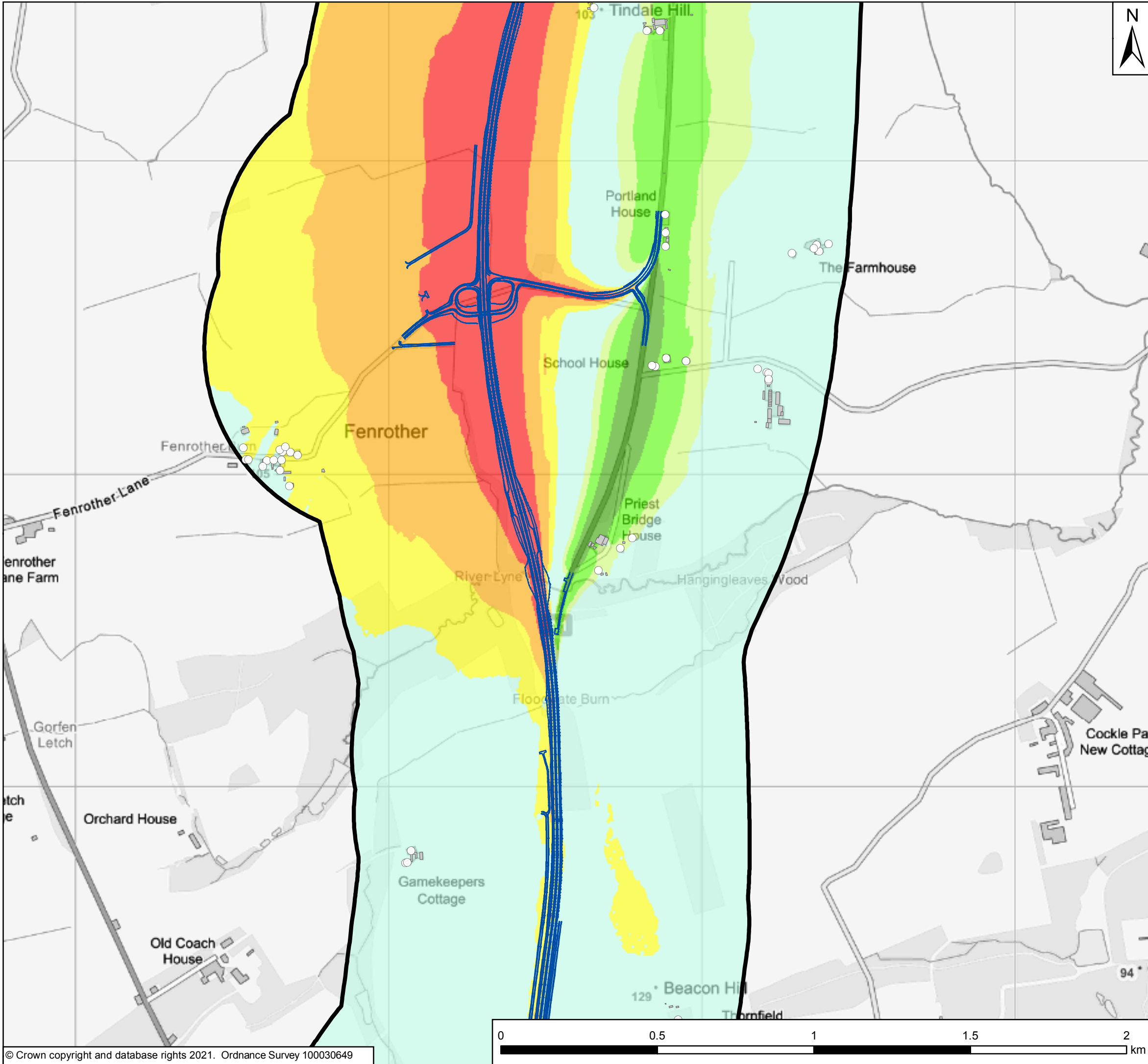
Project Title: A1 in Northumberland: Morpeth to Ellingham

Drawing Title: Figure 5. Long-term Noise Level Change - Part A
Page 3 of 5

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M2E Location	RP Type	LE Role	2130 Number	Revision P01



Key

- Proposed Scheme
- Noise Sensitive Receptors
- NIAs
- Part A Detailed Calculation Area
- Buildings

Long-term Noise Level Change - Part A

dB LA10,18h

- ≤ -10 Major
- 9.9 to -5.0 Moderate
- 4.9 to -3.0 Minor
- 2.9 to 2.9 Negligible
- 3.0 to 4.9 Minor
- 5.0 to 9.9 Moderate
- ≥ 10.0 Major

Rev	Date	Description	By	Chk'd	App'd
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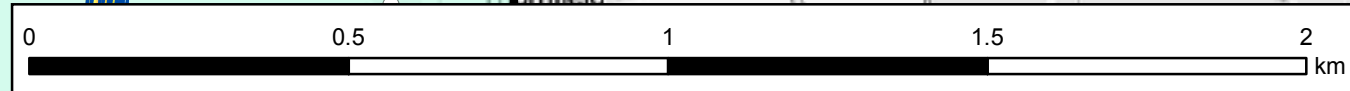
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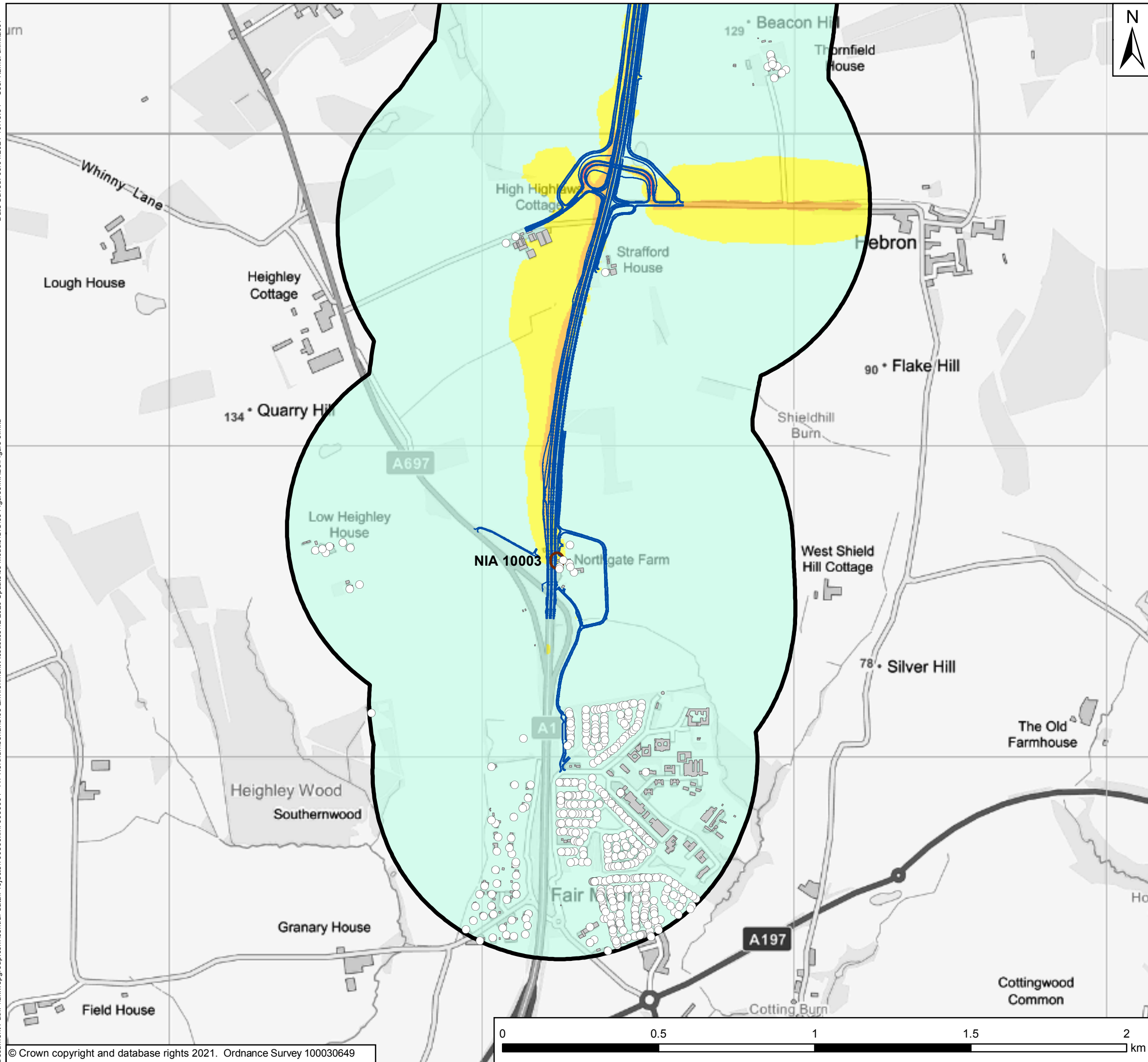
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Drawing Number Project HE551459	Originator WSP	Volume	Project Ref. No. 70044137
M2E Location	RP Type	LE Role	2130 Number
			Revision P01





Key

- Proposed Scheme
- Noise Sensitive Receptors
- NIAs
- Part A Detailed Calculation Area
- Buildings

Long-term Noise Level Change - Part A

dB LA10,18h

- ≤ -10 Major
- 9.9 to -5.0 Moderate
- 4.9 to -3.0 Minor
- 2.9 to 2.9 Negligible
- 3.0 to 4.9 Minor
- 5.0 to 9.9 Moderate
- >=10.0 Major

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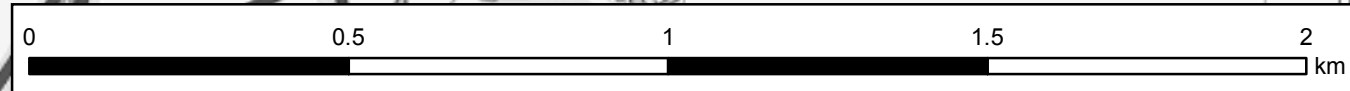
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Project Title: A1 in Northumberland: Morpeth to Ellingham

Drawing Title: Figure 5. Long-term Noise Level Change - Part A
Page 5 of 5

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