



MetroWest+

Portishead Branch Line (MetroWest Phase 1)

TR040011

Applicant: North Somerset District Council

6.24, Environmental Statement, Volume 3, Noise and Vibration Figures 13.1 and 13.2

The Infrastructure Planning (Applications: Prescribed Forms and Procedure)

Regulations 2009, regulation 5(2)(a)

Planning Act 2008

Author: CH2M

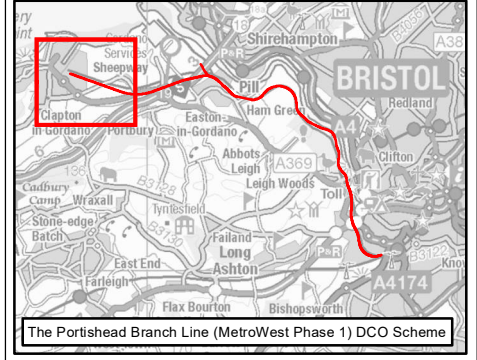
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Document Index

6.24	Figure 13.1: Noise Measurement Locations	The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009, 5(2)(a)	674946 -013-001-A (Sheet 1) Rev ES-A 674946 -013-002-A (Sheet 2) Rev ES-A 674946 -013-003-A (Sheet 3) Rev ES-A 674946 -013-004-A (Sheet 4) Rev ES-A 674946 -013-005-A (Sheet 5) Rev ES-A
	Figure 13.2: Noise Assessment Locations	The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009, 5(2)(a)	674946 -001-020-A (Sheets 1-11) Rev ES-A

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ST11- Bunting Lane, Portbury Wharf Nature reserve	
L _{Aeq,day} dB	L _{Aeq,night} dB
46.4	-

ST13- End of Portbury Wharf Nature reserve	
L _{Aeq,day} dB	L _{Aeq,night} dB
46.8	-

LT6- 28 Conference Avenue	
L _{Aeq,16h} dB	L _{Aeq,8h} dB
46	41.2

LT7- 15 Peartree Field	
L _{Aeq,16h} dB	L _{Aeq,8h} dB
54.2	48.2

LT2- Shipway Gate Farm	
L _{Aeq,16h} dB	L _{Aeq,8h} dB
52.8	48.1

LT8- 10 Tydeman Road	
L _{Aeq,16h} dB	L _{Aeq,8h} dB
44.8	38.2

LT3- The New House	
L _{Aeq,16h} dB	L _{Aeq,8h} dB
53	49.6

ST1- Tansy Lane, Portishead	
L _{Aeq,day} dB	L _{Aeq,night} dB
52.5	42.5

LT12- 14 Peartree Field	
L _{Aeq,16h} dB	L _{Aeq,8h} dB
48.9	43.7

LT4- Springfield Cottage	
L _{Aeq,16h} dB	L _{Aeq,8h} dB
49	45.4

ST2- Tydeman Road, Portishead	
L _{Aeq,day} dB	L _{Aeq,night} dB
51	46.1

LT15- 16 Tydeman Road	
L _{Aeq,16h} dB	L _{Aeq,8h} dB
49.1	43.3

LT5- The Bungalow	
L _{Aeq,16h} dB	L _{Aeq,8h} dB
53	49.4

ST3- Portbury Wharf Nature reserve, Sheepway	
L _{Aeq,day} dB	L _{Aeq,night} dB
50.6	45.3

LT13- Old Station House	
L _{Aeq,16h} dB	L _{Aeq,8h} dB
55.2	51.8

ST12- Wharf Lane, Portbury Wharf Nature reserve	
L _{Aeq,day} dB	L _{Aeq,night} dB
50.4	-

- KEY**
- Order Limits
 - Local Authority Boundary
- Environmental Constraints**
- Site of Special Scientific Interest (SSSI)
 - North Somerset Wildlife Site (NSWS)
 - Ramsar Site
 - Special Protection Area (SPA)
 - Portbury Wharf Nature Reserve
- Portishead Branch Line**
- The Nationally Significant Infrastructure Project (NSIP) Works
 - New Station
- Noise Measurement Locations**
- Long Term Measurement Location
 - Short Term Measurement Location

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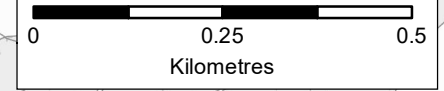
Project: **Portishead Branch Line (MetroWest Phase 1)**

Drawing: **Figure 13.1: Noise Measurement Locations Sheet 1 of 5 - Portishead to Portbury APFP Regulation 5(2)(a)**

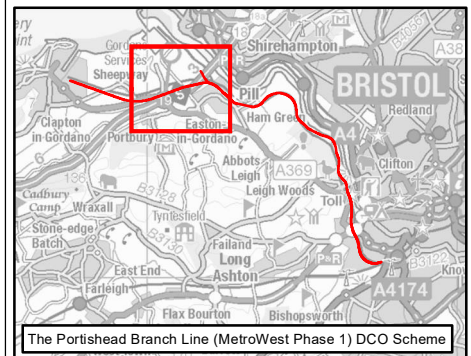
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KEY

- Order Limits
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- Site of Special Scientific Interest (SSSI)
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- Existing Railway Line
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- Long Term Measurement Location
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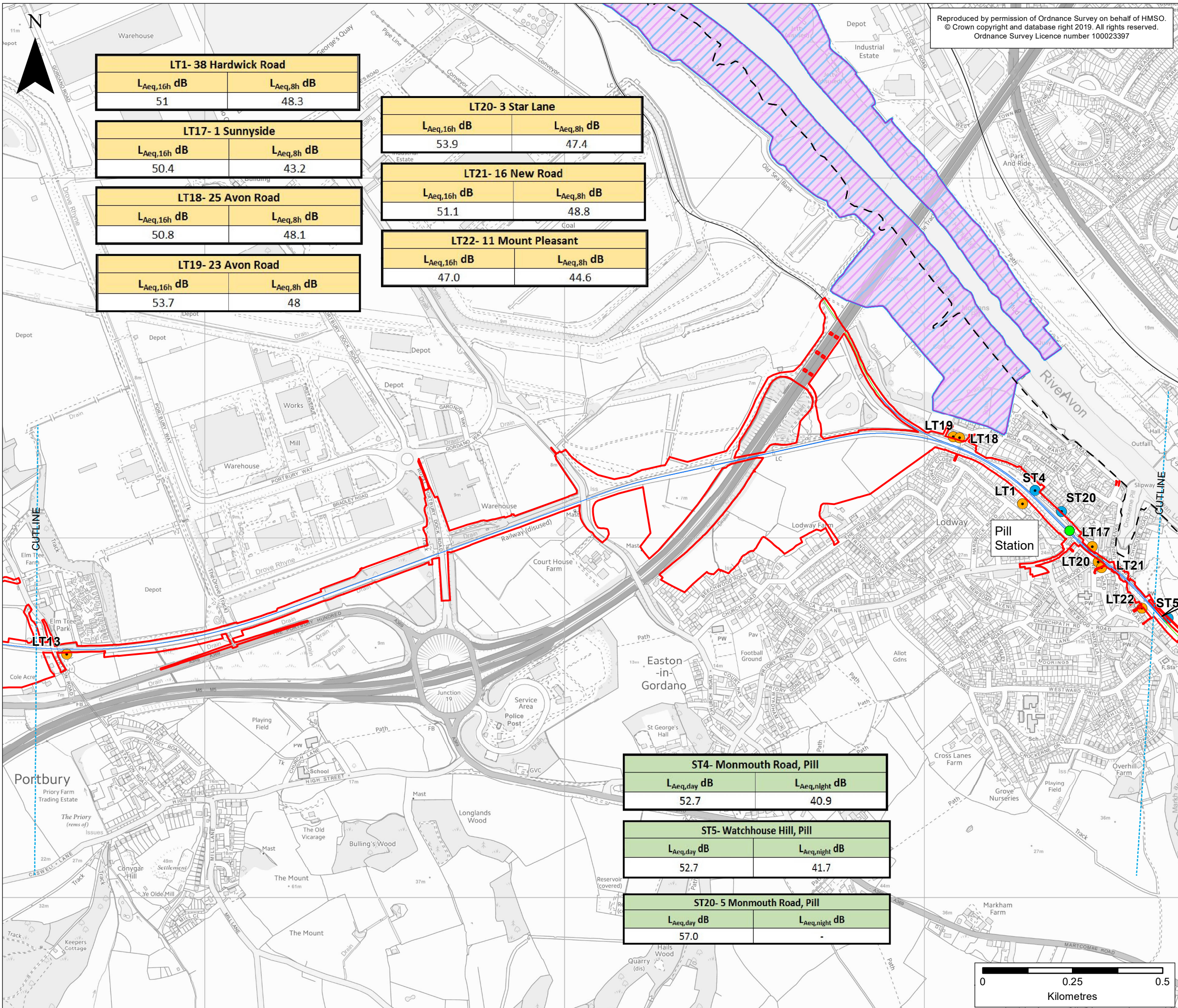
Project: **Portishead Branch Line (MetroWest Phase 1)**

Drawing: **Figure 13.1: Noise Measurement Locations Sheet 2 of 5 - Portbury to Pill APFP Regulation 5(2)(a)**

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LT1- 38 Hardwick Road	
L _{Aeq,16h} dB	L _{Aeq,8h} dB
51	48.3

LT17- 1 Sunnyside	
L _{Aeq,16h} dB	L _{Aeq,8h} dB
50.4	43.2

LT18- 25 Avon Road	
L _{Aeq,16h} dB	L _{Aeq,8h} dB
50.8	48.1

LT19- 23 Avon Road	
L _{Aeq,16h} dB	L _{Aeq,8h} dB
53.7	48

LT20- 3 Star Lane	
L _{Aeq,16h} dB	L _{Aeq,8h} dB
53.9	47.4

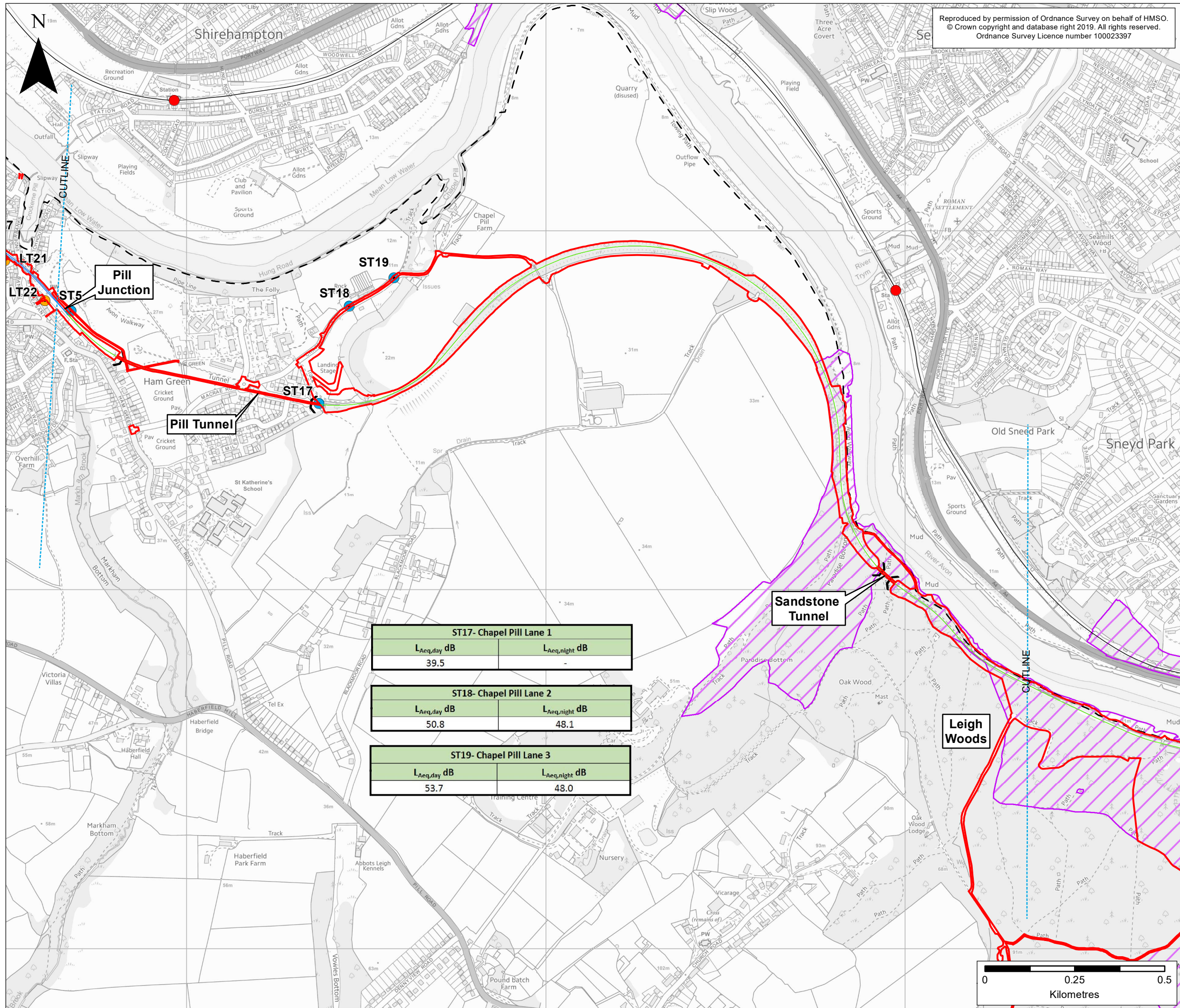
LT21- 16 New Road	
L _{Aeq,16h} dB	L _{Aeq,8h} dB
51.1	48.8

LT22- 11 Mount Pleasant	
L _{Aeq,16h} dB	L _{Aeq,8h} dB
47.0	44.6

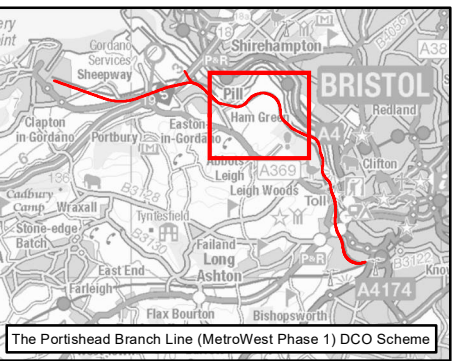
ST4- Monmouth Road, Pill	
L _{Aeq,day} dB	L _{Aeq,night} dB
52.7	40.9

ST5- Watchhouse Hill, Pill	
L _{Aeq,day} dB	L _{Aeq,night} dB
52.7	41.7

ST20- 5 Monmouth Road, Pill	
L _{Aeq,day} dB	L _{Aeq,night} dB
57.0	-



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 - Section in Tunnel
- Noise Measurement Locations**
- Long Term Measurement Location
 - Short Term Measurement Location

ST17- Chapel Pill Lane 1	
L _{Aeq,day} dB	L _{Aeq,night} dB
39.5	-

ST18- Chapel Pill Lane 2	
L _{Aeq,day} dB	L _{Aeq,night} dB
50.8	48.1

ST19- Chapel Pill Lane 3	
L _{Aeq,day} dB	L _{Aeq,night} dB
53.7	48.0

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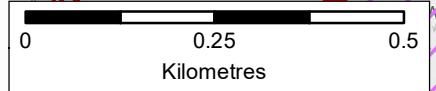
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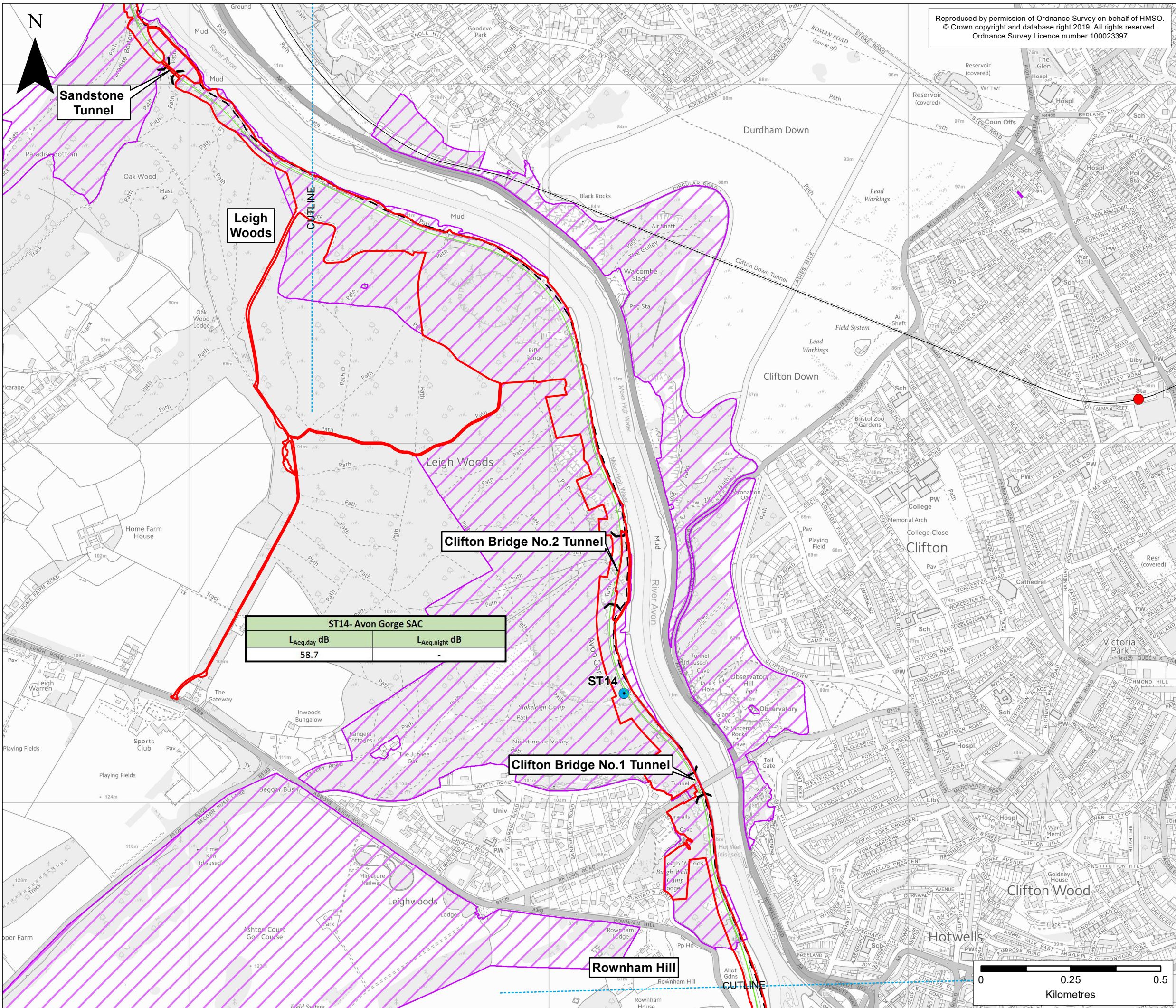
Drawing: Figure 13.1: Noise Measurement Locations
 Sheet 3 of 5 - Pill to Leigh Woods
 APFP Regulation 5(2)(a)

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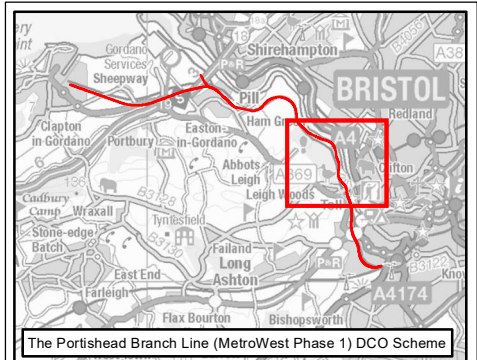
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 - Portishead Branch Line**
 - The Associated Development Works
 - Section in Tunnel
 - Noise Measurement Locations**
 - Short Term Measurement Location

ST14- Avon Gorge SAC	
L _{Aeq,day} dB	L _{Aeq,night} dB
58.7	-

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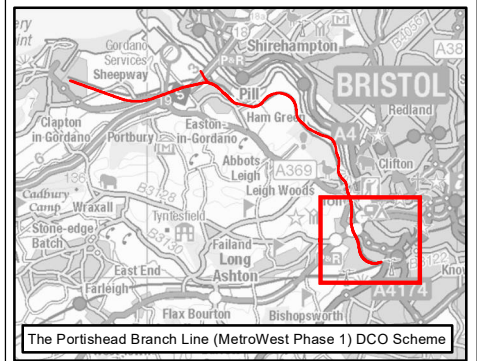
Project: Portishead Branch Line (MetroWest Phase 1)

Drawing: Figure 13.1: Noise Measurement Locations
 Sheet 4 of 5 - Leigh Woods to Rownham Hill
 APFP Regulation 5(2)(a)

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- Existing Railway Line
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- Portishead Branch Line**
- The Associated Development Works
- Other Works**
- Network Rail Permitted Development Rights
- Noise Measurement Locations**
- Long Term Measurement Location
 - Short Term Measurement Location

ST6- Paxton Drive, Parson Street	
L _{Aeq,day} dB	L _{Aeq,night} dB
54.0	-

LT9- 61 Swiss Drive	
L _{Aeq,16h} dB	L _{Aeq,8h} dB
50.7	44.6

LT10- 56 Ashton Drive	
L _{Aeq,16h} dB	L _{Aeq,8h} dB
49.8	44.5

LT11- 55 Ashton Drive	
L _{Aeq,16h} dB	L _{Aeq,8h} dB
48.9	46.4

LT14- 29 Nelson Street	
L _{Aeq,16h} dB	L _{Aeq,8h} dB
50.5	45.1

LT16- 6 Willada Road	
L _{Aeq,16h} dB	L _{Aeq,8h} dB
56.6	53.8

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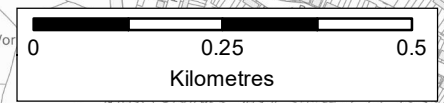
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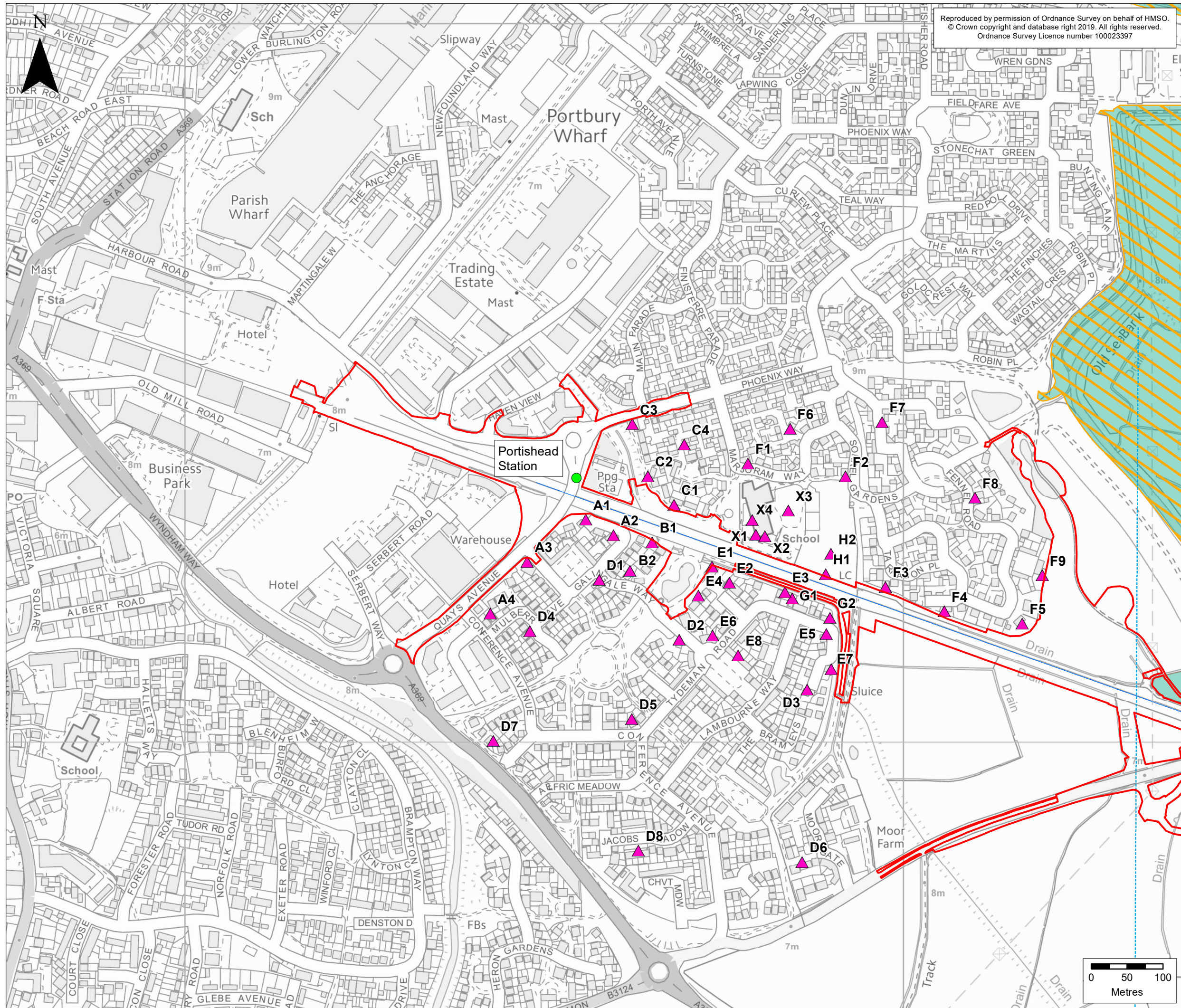
Drawing: Figure 13.1: Noise Measurement Locations
Sheet 5 of 5 - Rowham Hill to Ashton Junction
APFP Regulation 5(2)(a)

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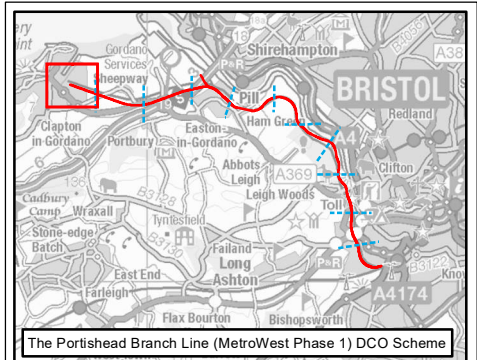
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 - North Somerset Wildlife Site (NSWS)
 - Portbury Wharf Nature Reserve - Portishead Branch Line**
 - The Nationally Significant Infrastructure Project (NSIP) Works
 - New Station - Noise Assessment**
 - ▲ Noise Assessment

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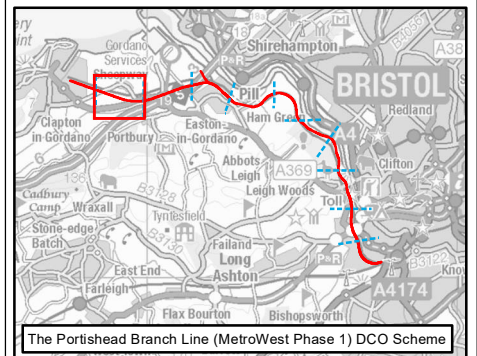
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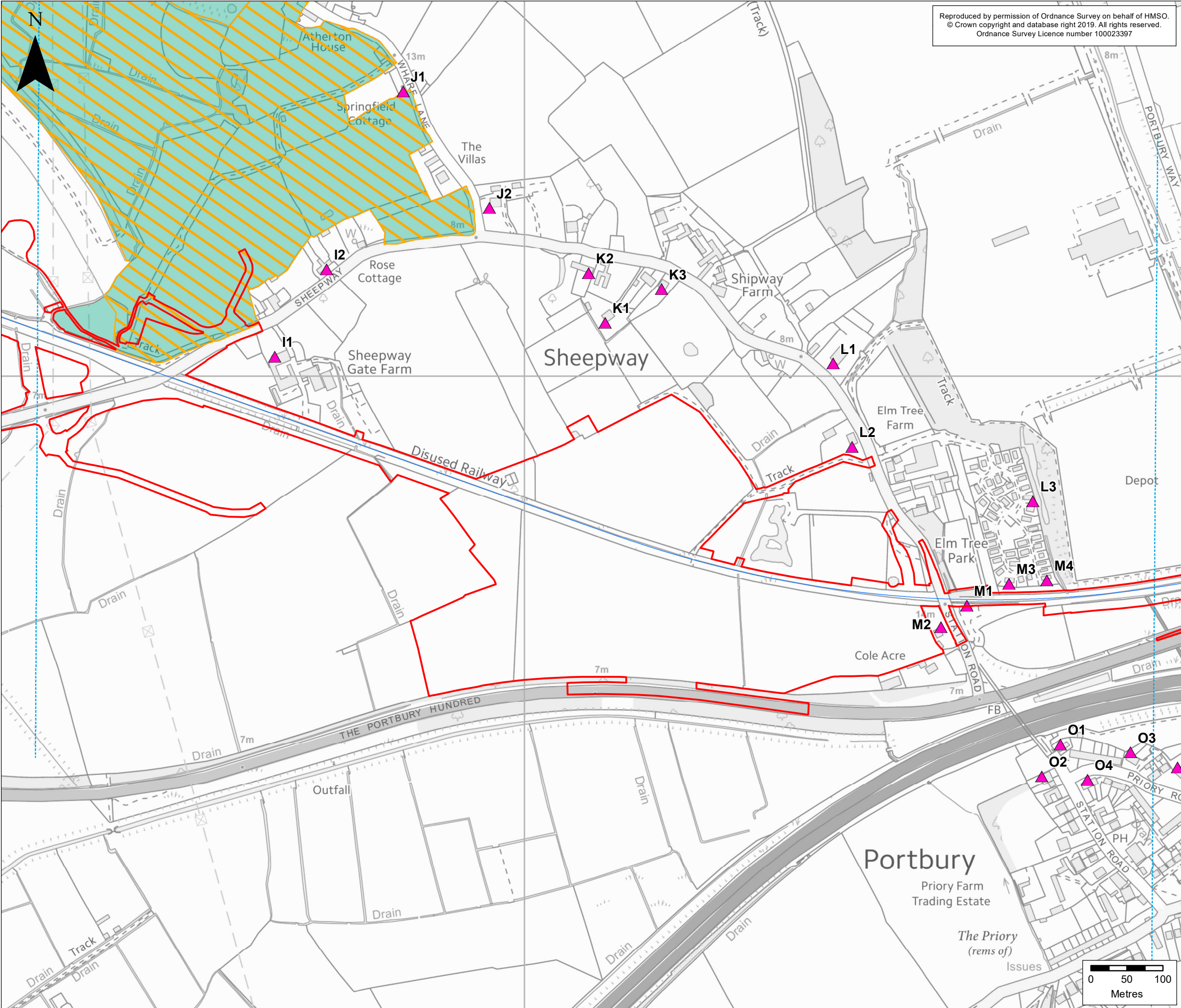
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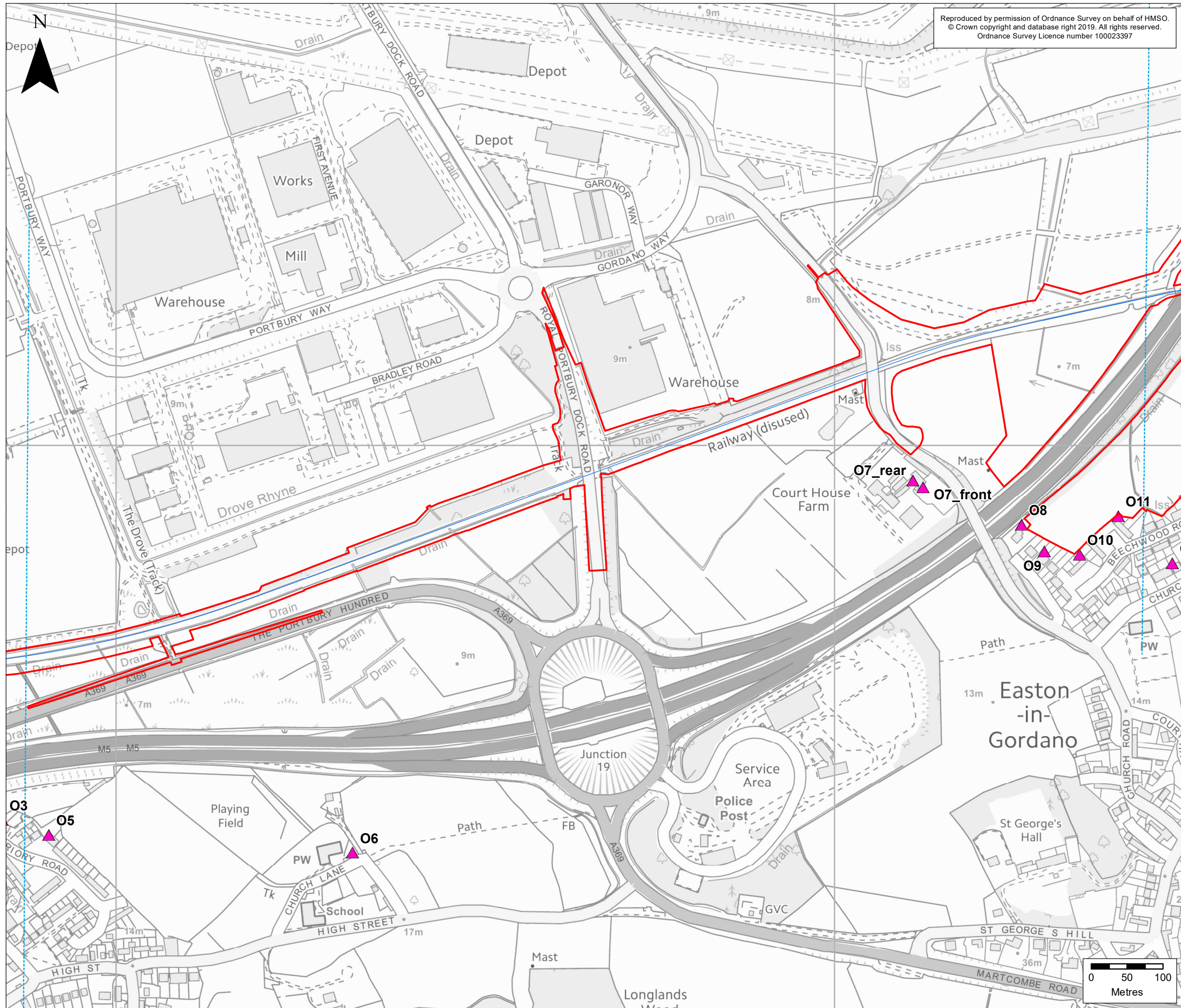
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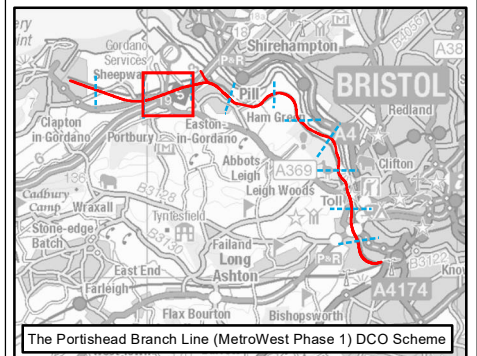
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 Sheet 2 of 11 - Sheepway
 APFP Regulation 5(2)(a)

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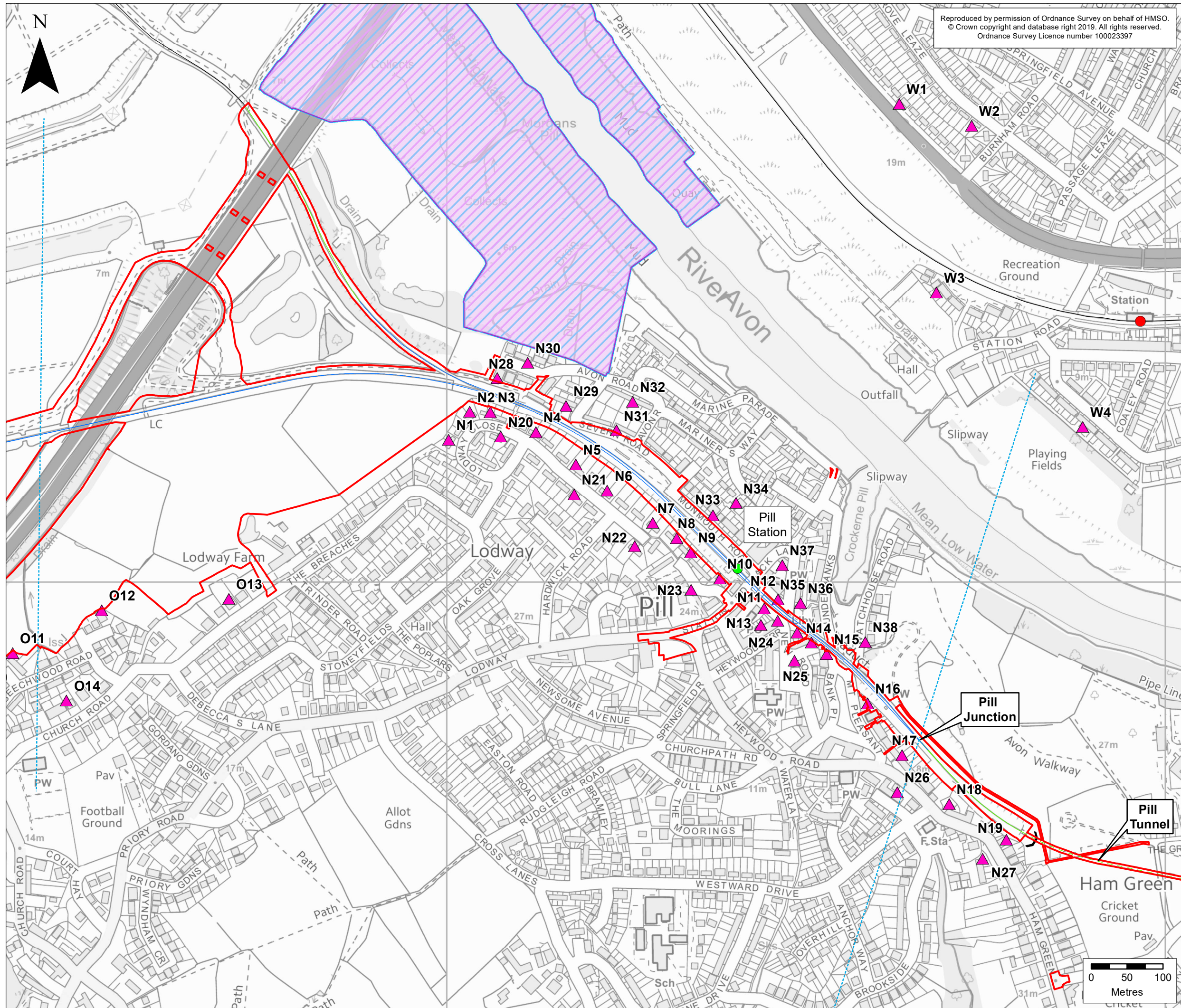
Project : Portishead Branch Line (MetroWest Phase 1)

Drawing : Figure 13.2: Noise Assessment Locations Sheet 3 of 11 - Junction 19 APFP Regulation 5(2)(a)

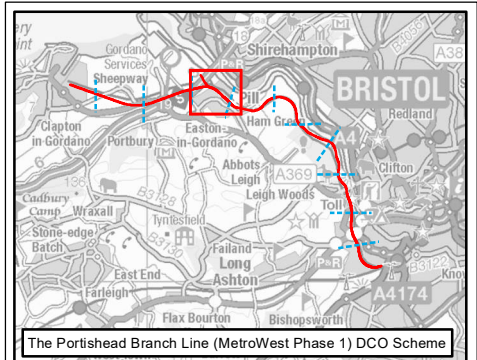
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- Ramsar
- Special Protection Area (SPA)

Portishead Branch Line

- The Nationally Significant Infrastructure Project (NSIP) Works
- The Associated Development Works
- Section in Tunnel
- New Station

Existing Railway

- Existing Railway Line
- Existing Railway Station

Noise Assessment

- ▲ Noise Assessment Locations

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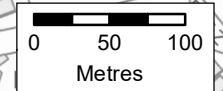
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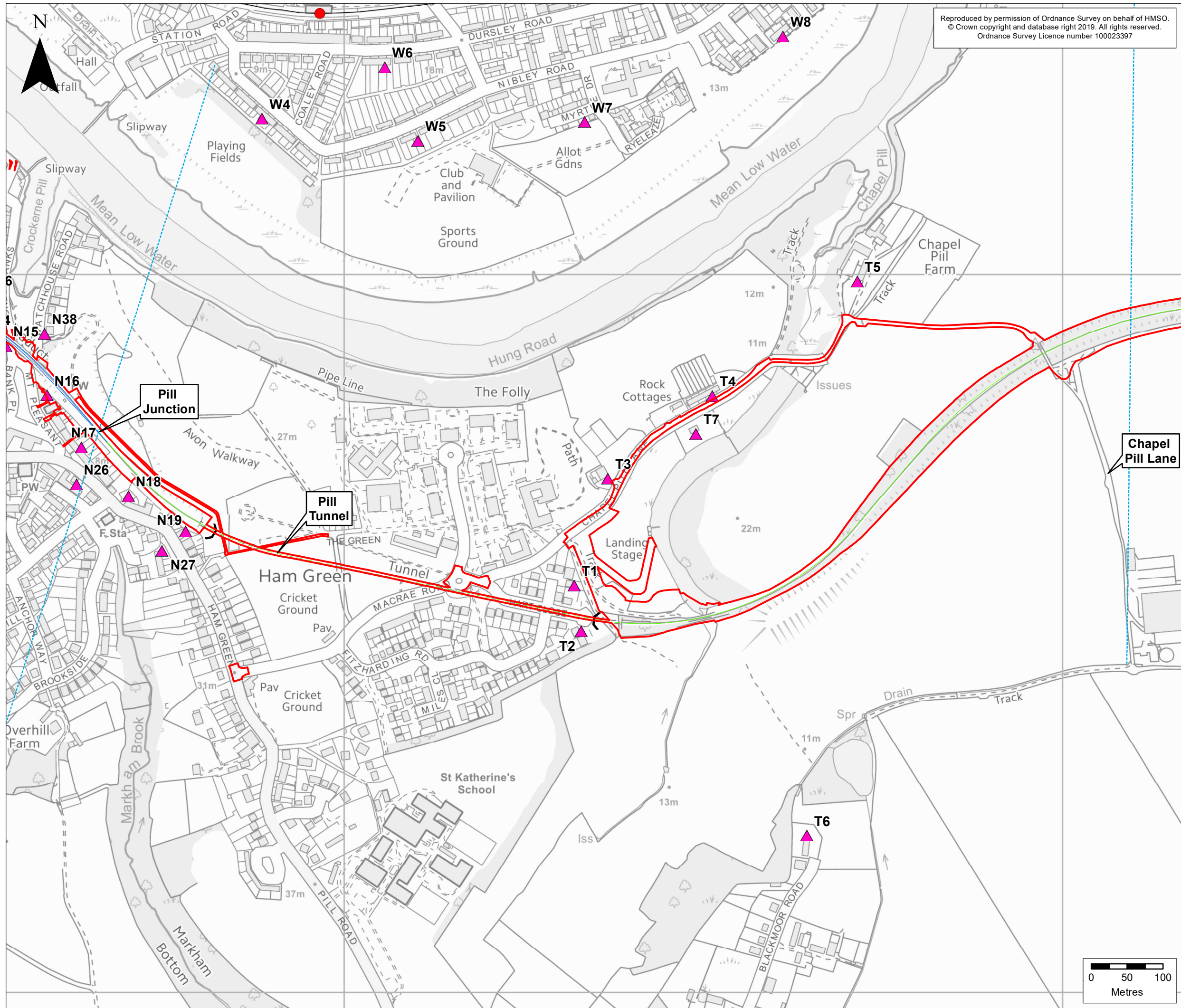
Project: Portishead Branch Line (MetroWest Phase 1)

Drawing: Figure 13.2: Noise Assessment Locations Sheet 4 of 11 - Pill APFP Regulation 5(2)(a)

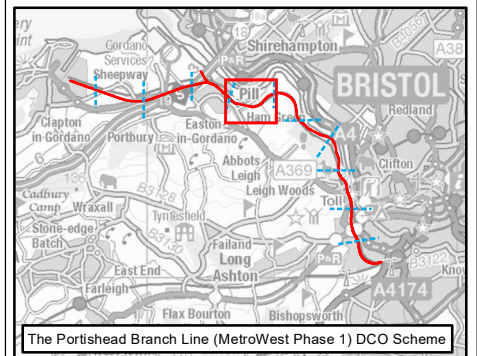
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- Existing Railway Station
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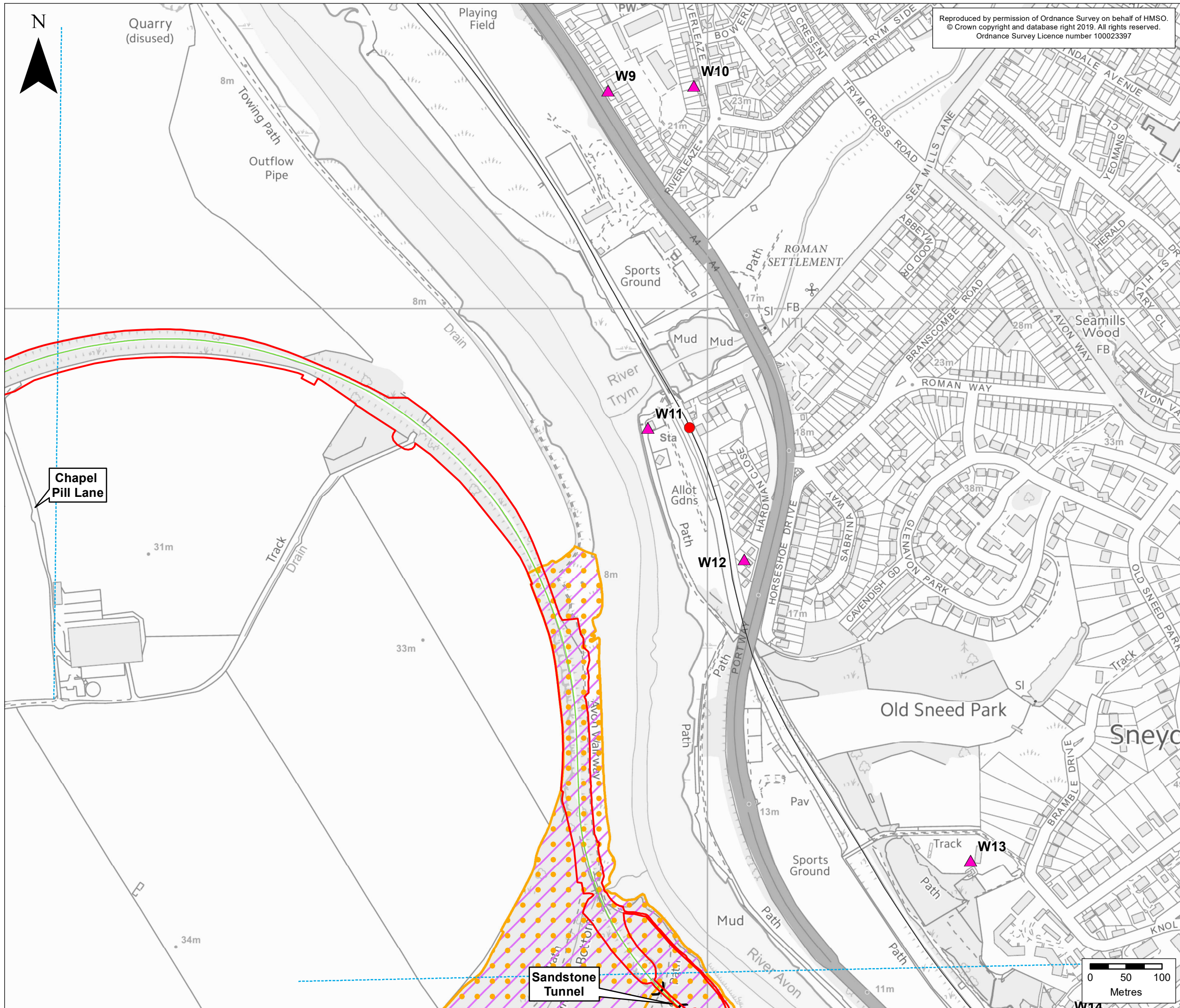
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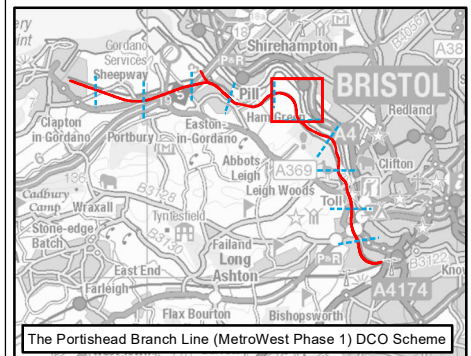
Drawing:
Figure 13.2: Noise Assessment Locations Sheet 5 of 11 - Ham Green APFP Regulation 5(2)(a)

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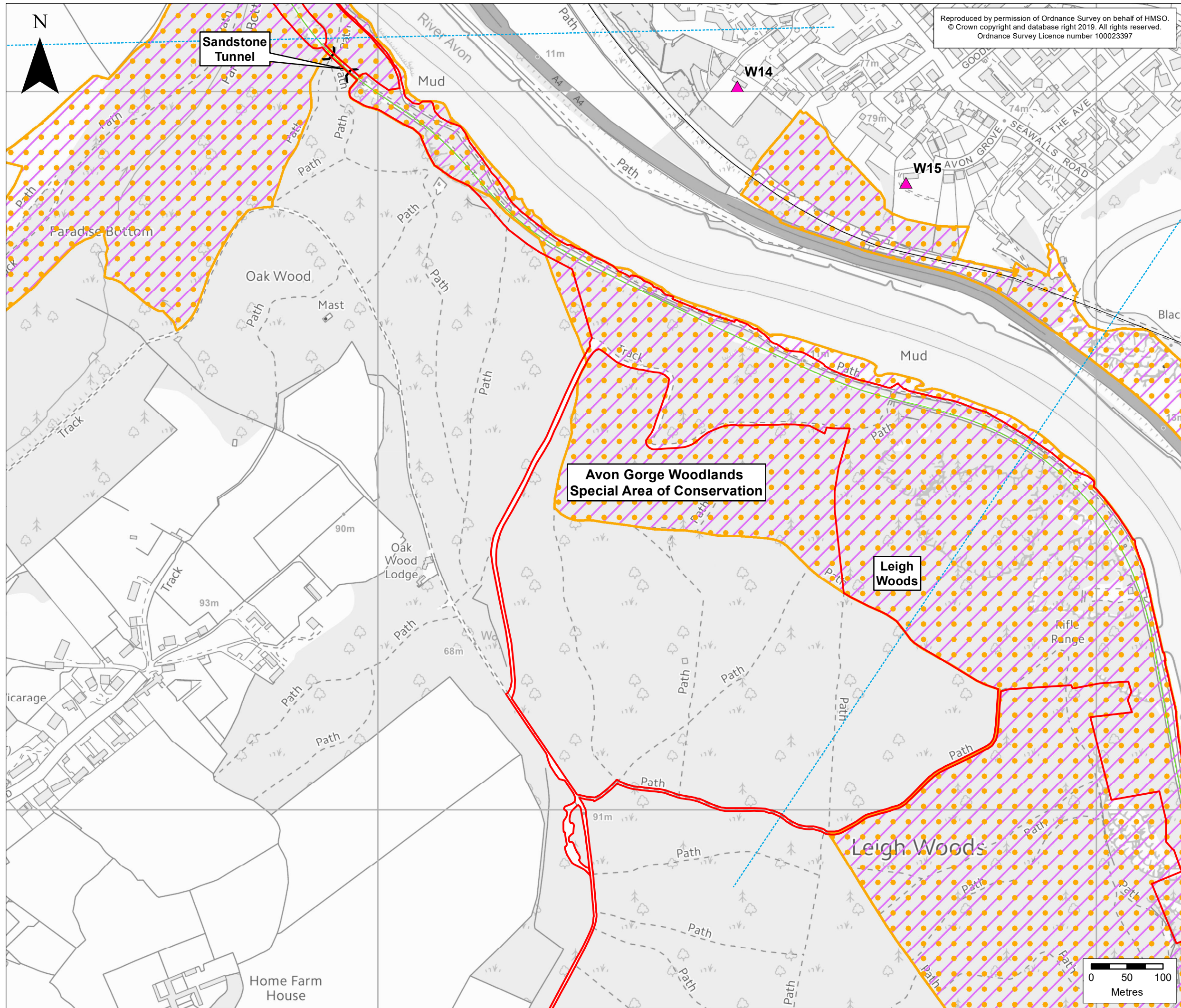
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Project : Portishead Branch Line (MetroWest Phase 1)

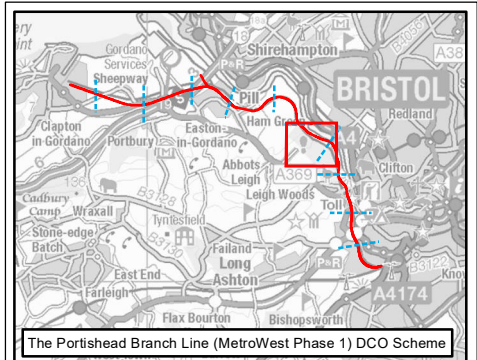
Drawing : Figure 13.2: Noise Assessment Locations Sheet 6 of 11 - Chapel Pill APFP Regulation 5(2)(a)

Drawn By : Martin Costello Date: 28/10/2019
 Checked By : Richard Stait Date: 28/10/2019
 Approved By : Carolyn Francis Date: 28/10/2019

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- KEY**
- Order Limits
 - Environmental Constraints**
 - Site of Special Scientific Interest (SSSI)
 - Special Area of Conservation
 - Portishead Branch Line**
 - The Associated Development
 - Existing Railway**
 - Existing Railway Line
 - Noise Assessment**
 - ▲ Noise Assessment

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ES-A	MPC	RS	CF	28/10/2019	First draft

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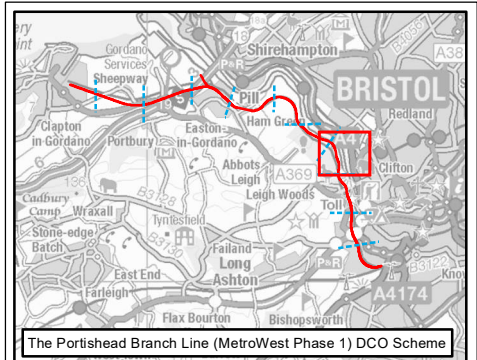
Project : Portishead Branch Line (MetroWest Phase 1)

Drawing : Figure 13.2: Noise Assessment Locations Sheet 7 of 11 - Leigh Woods (1) APFP Regulation 5(2)(a)

Drawn By : Martin Costello Date: 28/10/2019
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KEY

- Order Limits
- Environmental Constraints**
- Site of Special Scientific Interest (SSSI)
- Special Area of Conservation
- Portishead Branch Line**
- The Associated Development
- Section in Tunnel
- Existing Railway**
- Existing Railway Line
- Noise Assessment**
- ▲ Noise Assessment

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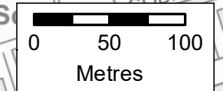
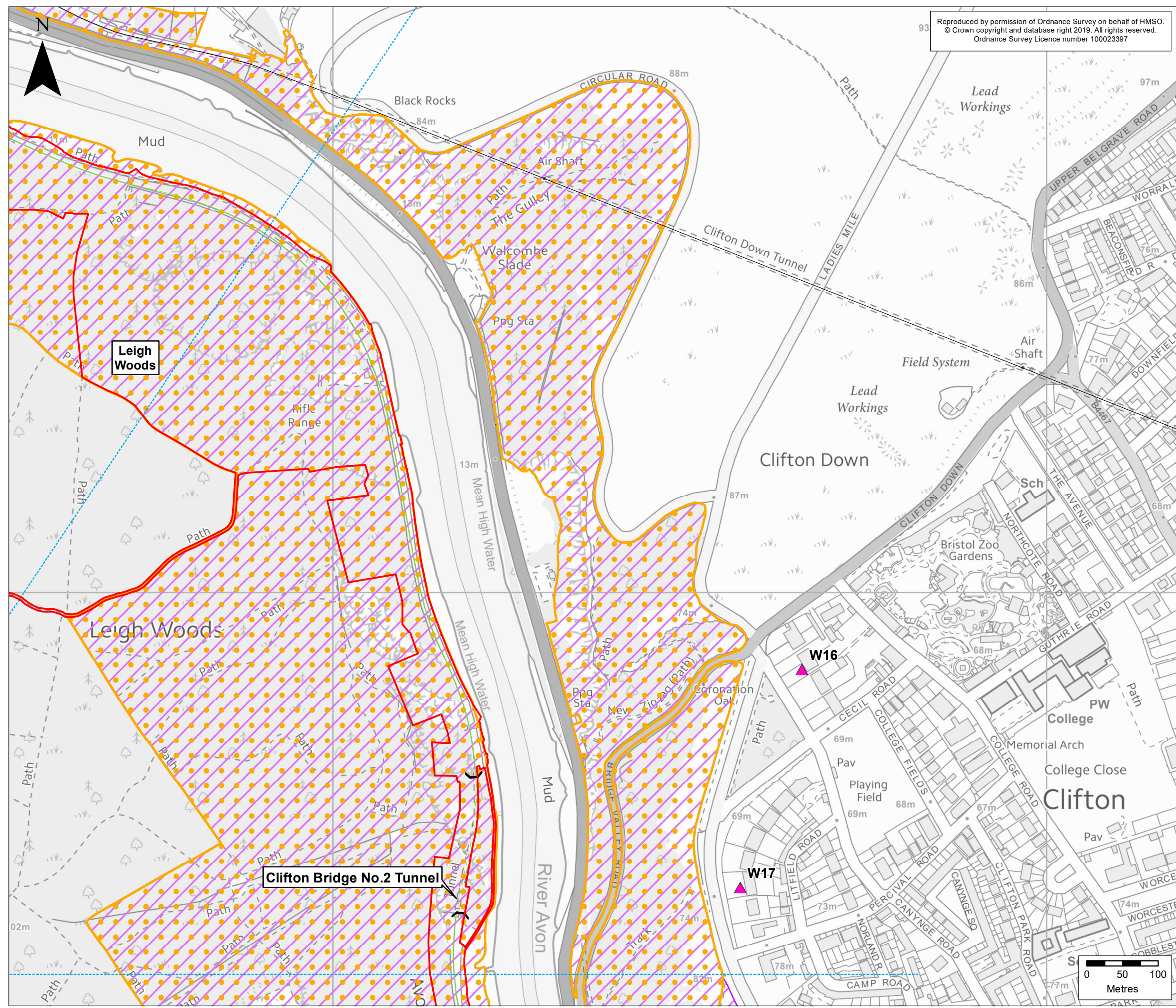
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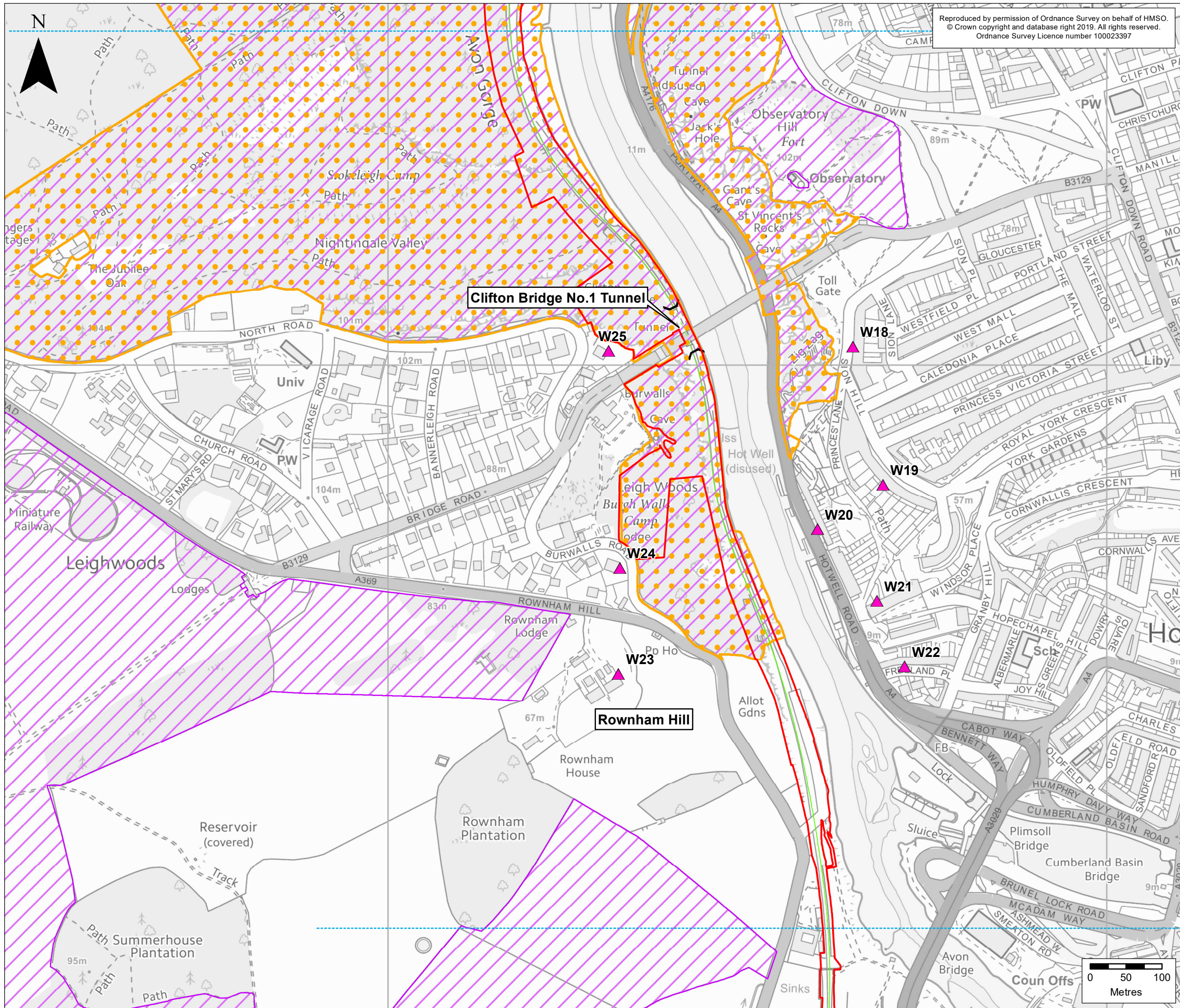
Project :
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 (MetroWest Phase 1)

Drawing :
 Figure 13.2: Noise Assessment Locations
 Sheet 8 of 11 - Leigh Woods (2)
 APFP Regulation 5(2)(a)

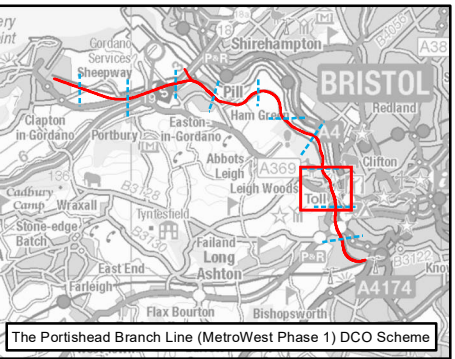
Drawn By : Martin Costello **Date:** 28/10/2019
Checked By : Richard Stait **Date:** 28/10/2019
Approved By : Carolyn Francis **Date:** 28/10/2019

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 - Site of Special Scientific Interest (SSSI)
 - Special Area of Conservation (SAC)
- Portishead Branch Line
 - The Associated Development Works
 - Section in Tunnel
- Noise Assessment
 - Noise Assessment Locations

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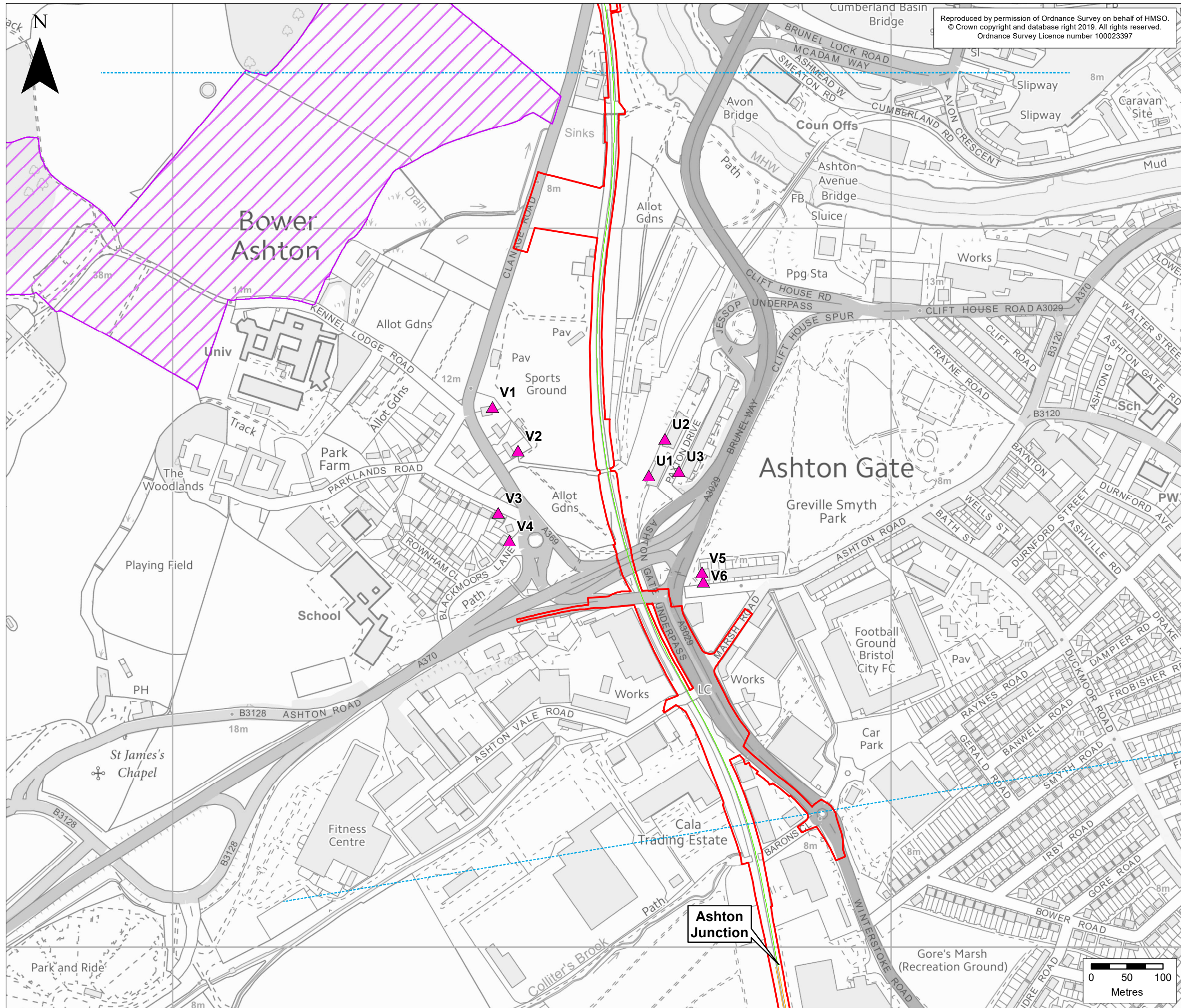
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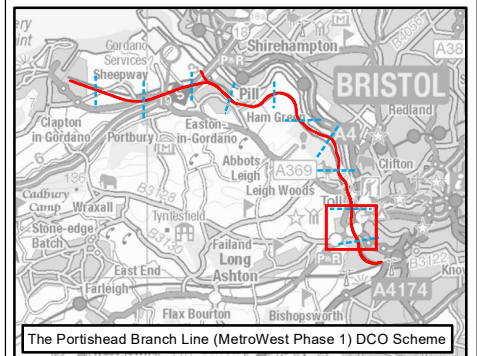
Drawing :
 Figure 13.2: Noise Assessment Locations
 Sheet 9 of 11 - Leigh Woods (3)
 APFP Regulation 5(2)(a)

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- KEY**
- Order Limits
 - Environmental Constraints**
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 - Portishead Branch Line**
 - The Associated Development Works
 - Other Works**
 - Network Rail Permitted Development Rights
 - Noise Assessment**
 - ▲ Noise Assessment Locations

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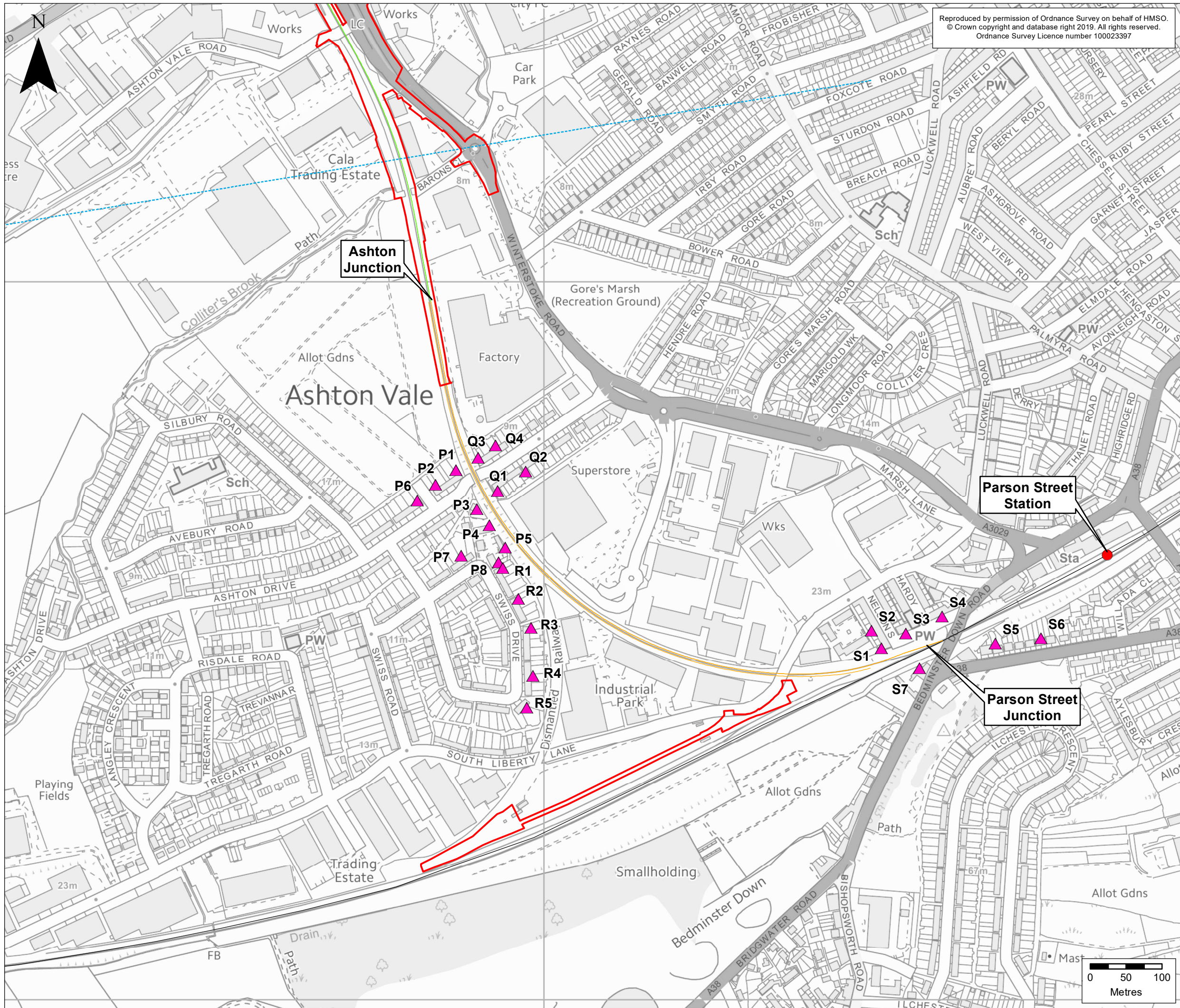
Project :
Portishead Branch Line (MetroWest Phase 1)

Drawing :
Figure 13.2: Noise Assessment Locations Sheet 10 of 11 - Ashton Gate APFP Regulation 5(2)(a)

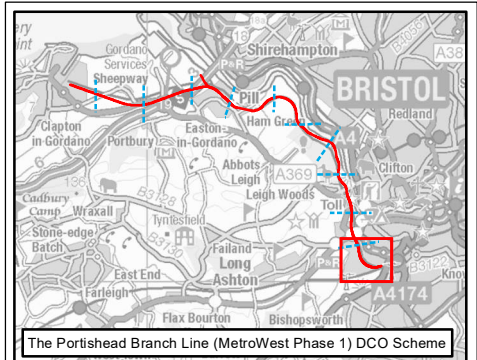
Drawn By : Martin Costello **Date:** 28/10/2019
Checked By : Richard Stait **Date:** 28/10/2019
Approved By : Carolyn Francis **Date:** 28/10/2019

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- KEY**
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 - Portishead Branch Line
 - The Associated Development Works
 - Existing Railway Line
 - Existing Railway Station
 - Other Works
 - Network Rail Permitted Development Rights
 - ▲ Noise Assessment Locations

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Drawing:
Figure 13.2: Noise Assessment Locations Sheet 11 of 11 - Ashton Junction APFP Regulation 5(2)(a)

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