



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

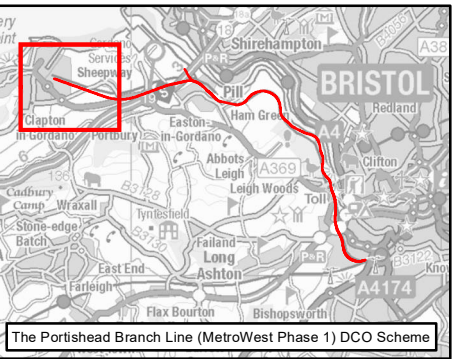
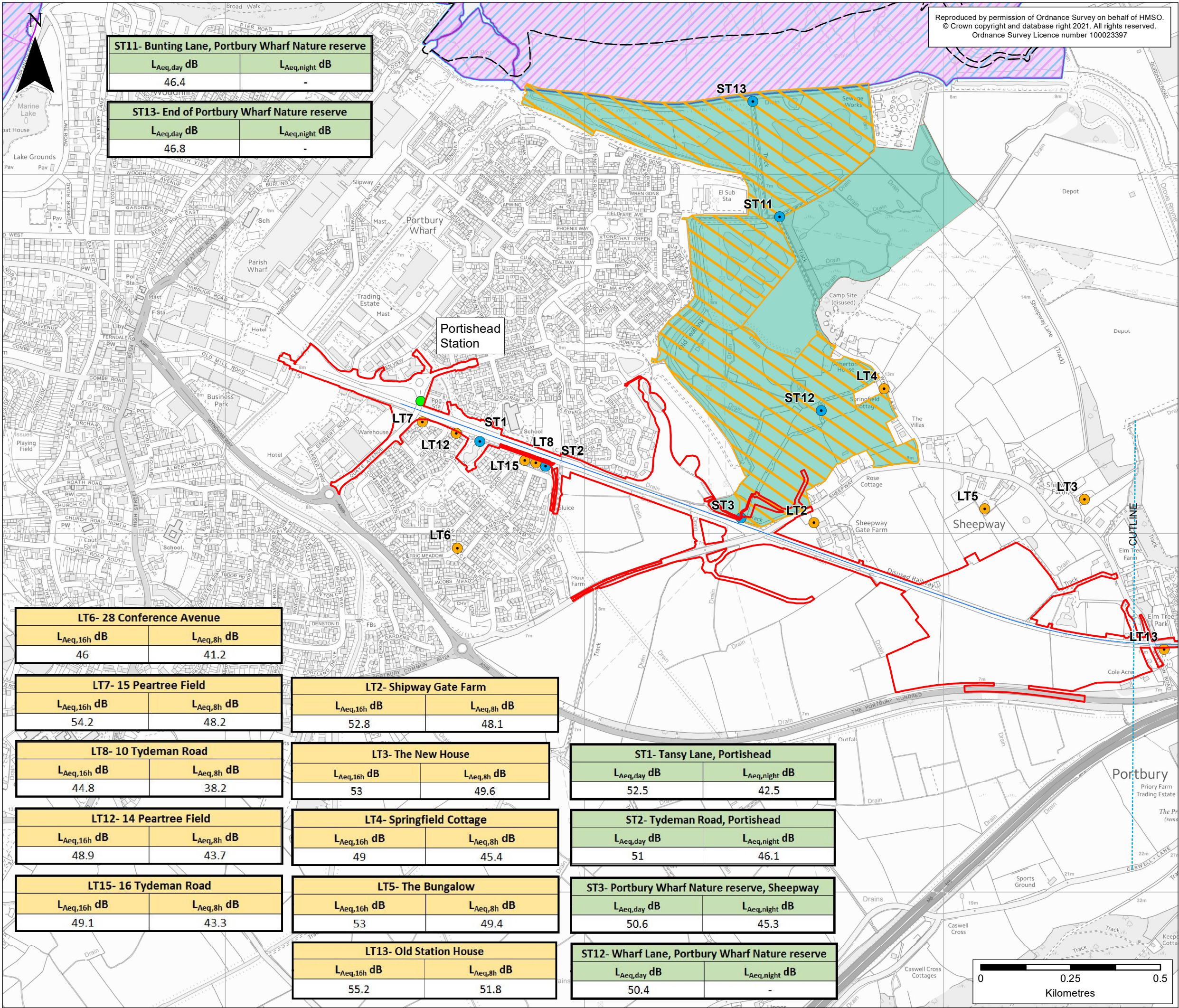
Revision: Version 2

Date: March 2021



Document Index

Version	Date	Status	Figure No. and Title	Document Index	Document Revision	Changes
1	November 2019	Application	13.1 Noise Measurement Locations	674946-013-001-A	ES-A	N/A
			13.2 Noise Assessment Locations	674946-001-020-A	ES-A	N/A
2	March 2021	Revised design	13.1 Noise Measurement Locations	674946-013-001-A	ES-B	Sheet 2 of 5: Update Order limits
			13.2 Noise Assessment Locations	674946-001-020-A	ES-B	Sheets 3 and 4 of 11: Update Order limits



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

Rev	By	Chkd	Apprvd	Date	Description
ES-B	MPC	LA	CF	04/03/2021	Revised Order Limits
ES-A	MPC	LA	CF	28/10/2019	First draft

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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)

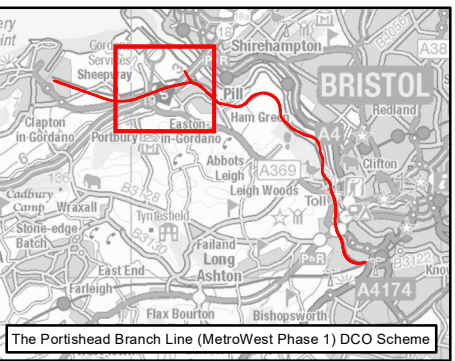
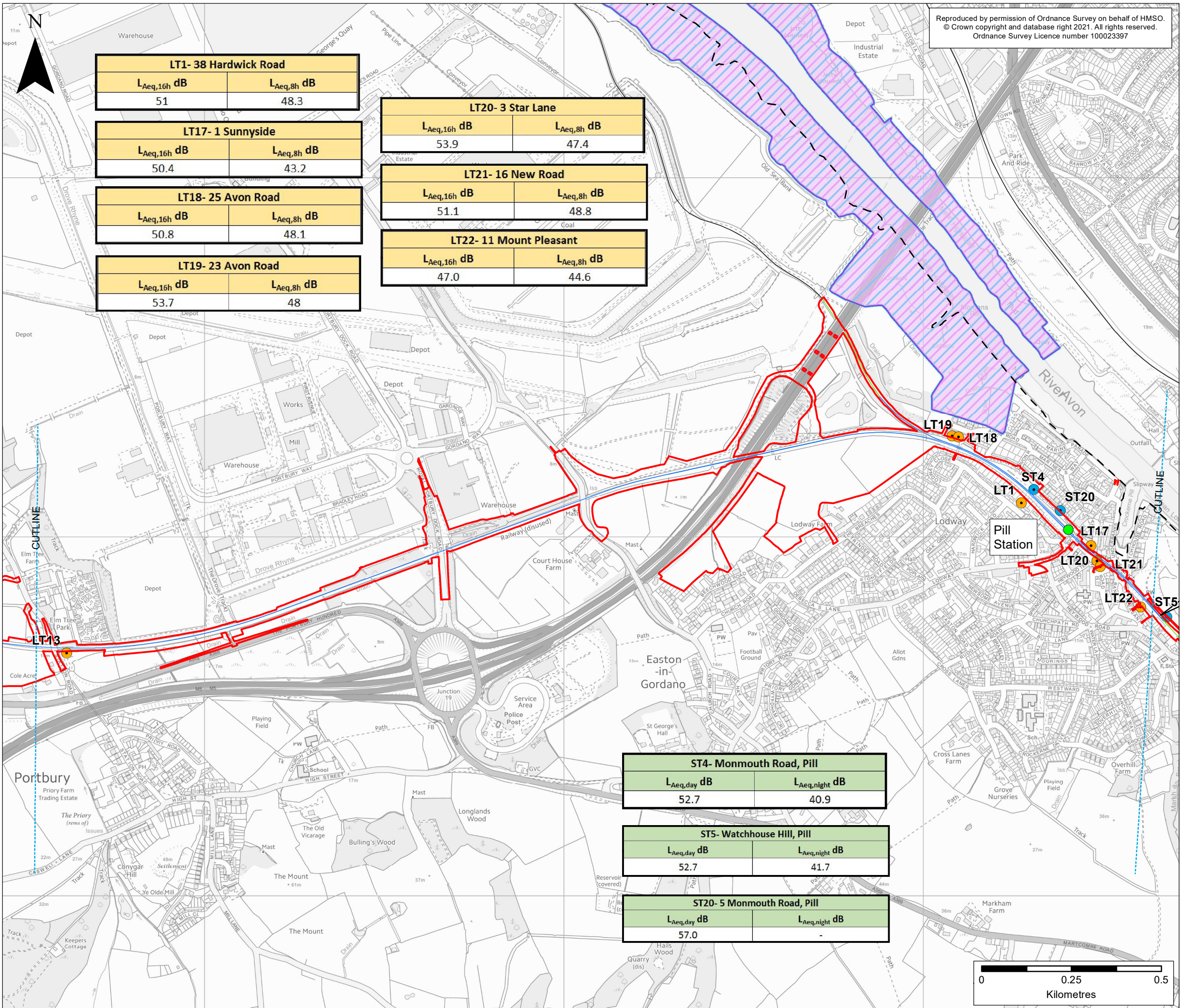
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Checked By: Laura Anastasiades Date: 04/03/2021

Approved By: Carolyn Francis Date: 04/03/2021

Drawing No.: 674946 -013-001-A Revision: ES-B

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KEY

Order Limits

Local Authority Boundary

Environmental Constraints

Site of Special Scientific Interest (SSSI)

Ramsar Site

Special Protection Area (SPA)

Existing Railway

Existing Railway Line

Portishead Branch Line

The Nationally Significant Infrastructure Project (NSIP) Works

The Associated Development Works

New Station

Noise Measurement Locations

Long Term Measurement Location

Short Term Measurement Location

ES-B	MPC	LA	CF	04/03/2021	Revised Order Limits
ES-A	MPC	LA	CF	28/10/2019	First draft
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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)

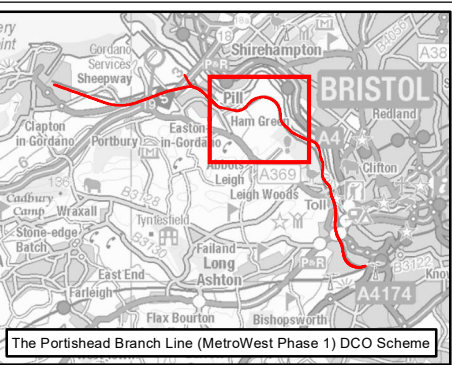
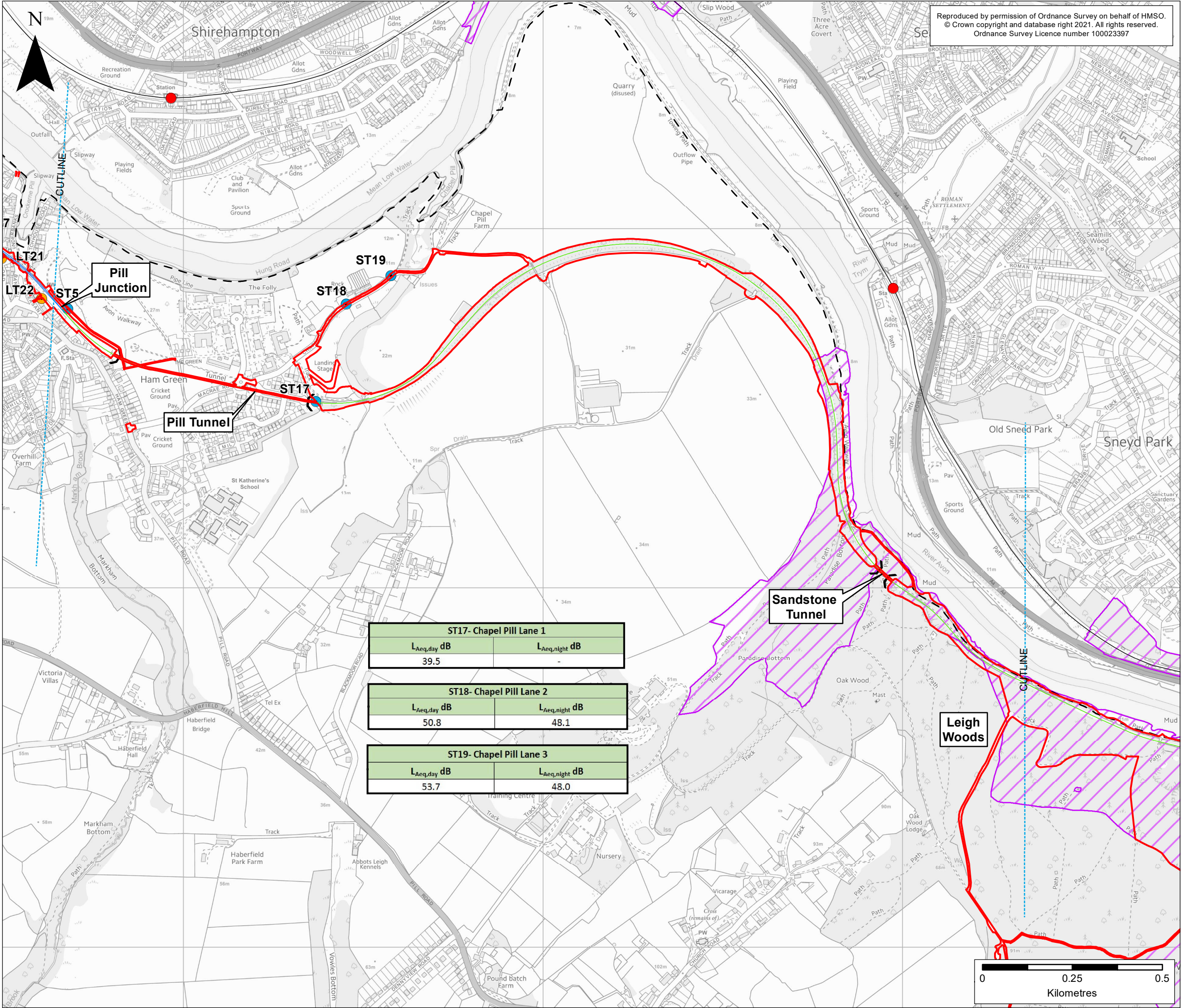
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Approved By: Carolyn Francis Date: 04/03/2021

Drawing No.: 674946 -013-002-A	Revision: ES-B
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KEY

- Order Limits
- Local Authority Boundary

Environmental Constraints

- Site of Special Scientific Interest (SSSI)

Existing Railway

- Existing Railway Line
- Existing Railway Station

Portishead Branch Line

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

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 3 of 5 - Pill to Leigh Woods
APFP Regulation 5(2)(a)

Drawn By : Martin Costello **Date:** 04/03/2021

Checked By : Laura Anastasiades **Date:** 04/03/2021

Approved By : Carolyn Francis **Date:** 04/03/2021

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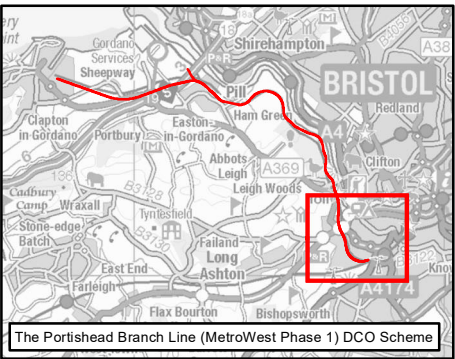
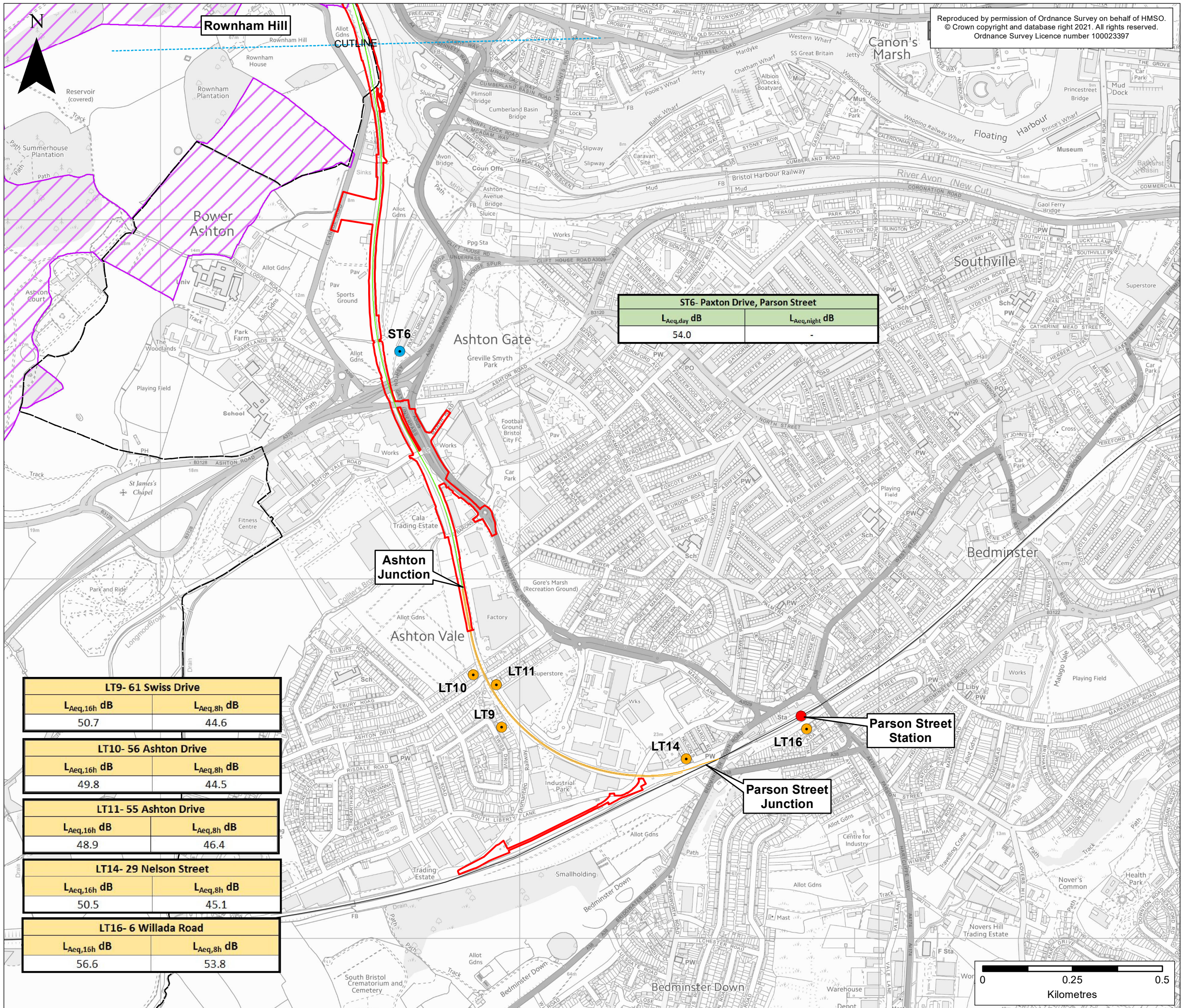
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The map shows the Bristol area with various locations labeled. A red line indicates the proposed MetroWest Phase 1 DCO Scheme. The line starts in the city center, passes through the city center, and extends towards the south. A red rectangle highlights the area around the city center, which is the focus of the scheme.

ES-B	MPC	LA	CF	04/03/2021	Revised Order Limits
ES-A	MPC	LA	CF	28/10/2019	First draft
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KEY

- Order Limits
- Local Authority Boundary
- Environmental Constraints
 - Site of Special Scientific Interest (SSSI)
- Existing Railway
 - Existing Railway Line
 - Existing Railway Station
- 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

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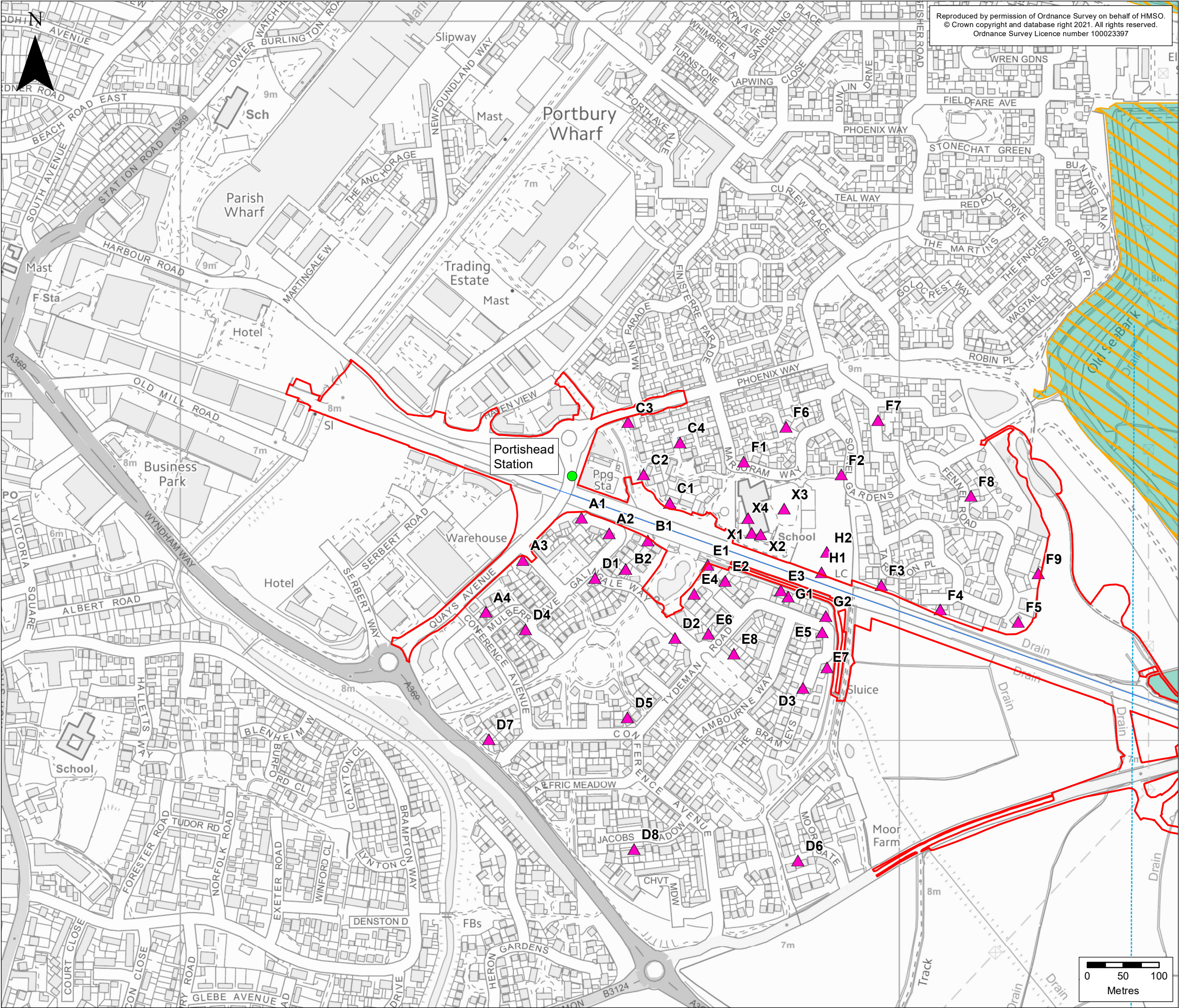
Project: Portishead Branch Line (MetroWest Phase 1)

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

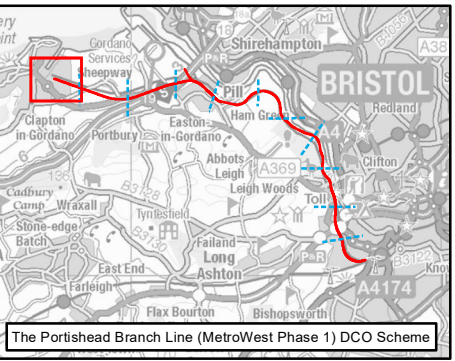
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KEY

Order Limits

Environmental Constraints

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

ES-B	MPC	RS	CF	04/03/2021	Revised Order Limits
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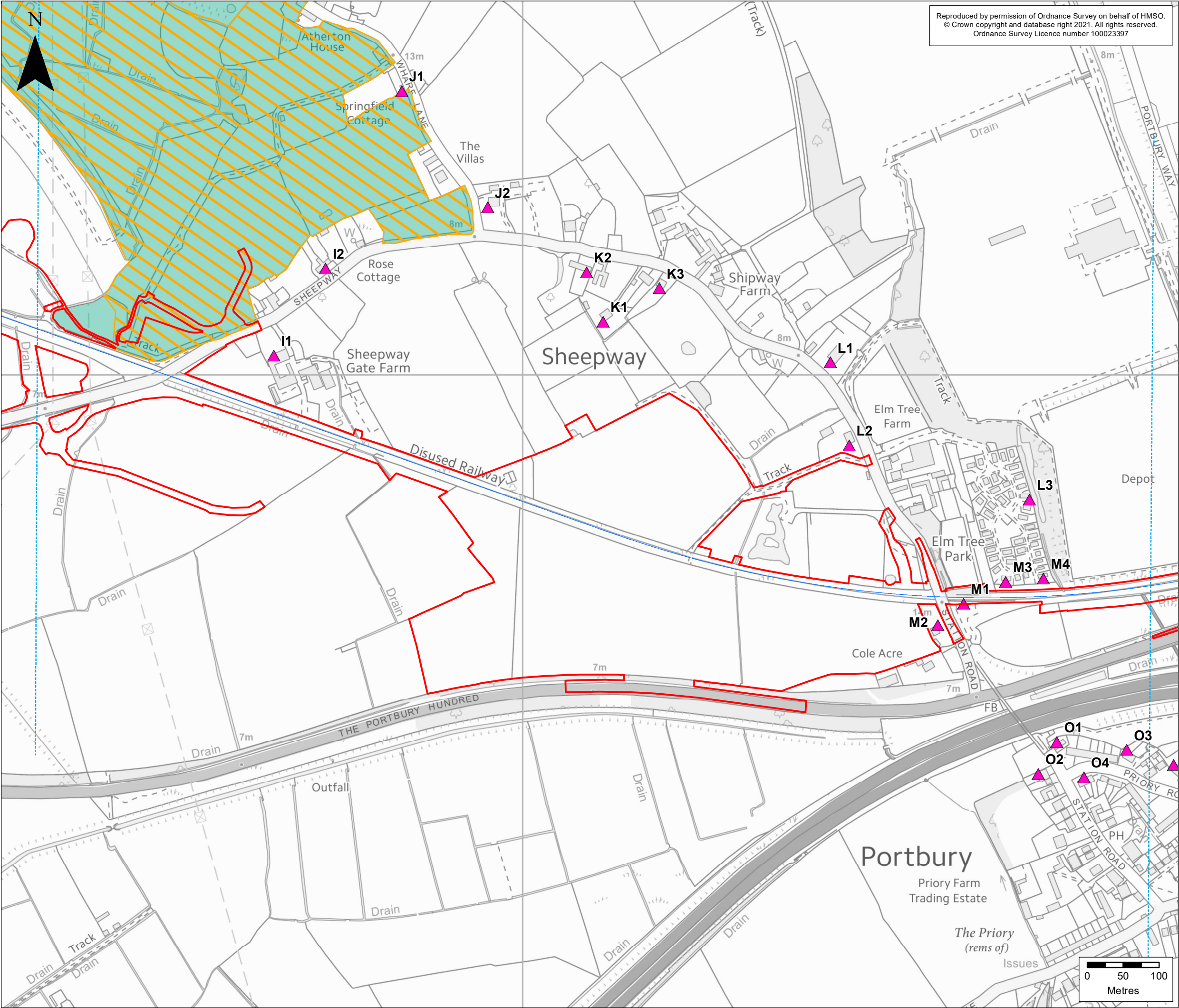
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Figure 13.2: Noise Assessment Locations
Sheet 1 of 11 - Portishead
APFP Regulation 5(2)(a)

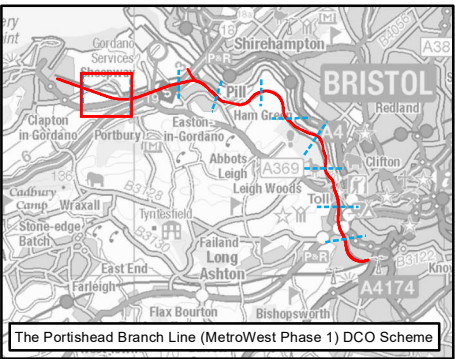
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KEY

Order Limits

Environmental Constraints

North Somerset Wildlife Site (NSWS)

Portbury Wharf Nature Reserve

Portishead Branch Line

— The Nationally Significant Infrastructure Project (NSIP) Works

Noise Assessment

▲ Noise Assessment

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

Drawing :

**Figure 13.2: Noise Assessment Locations
Sheet 2 of 11 - Sheepway
APFP Regulation 5(2)(a)**

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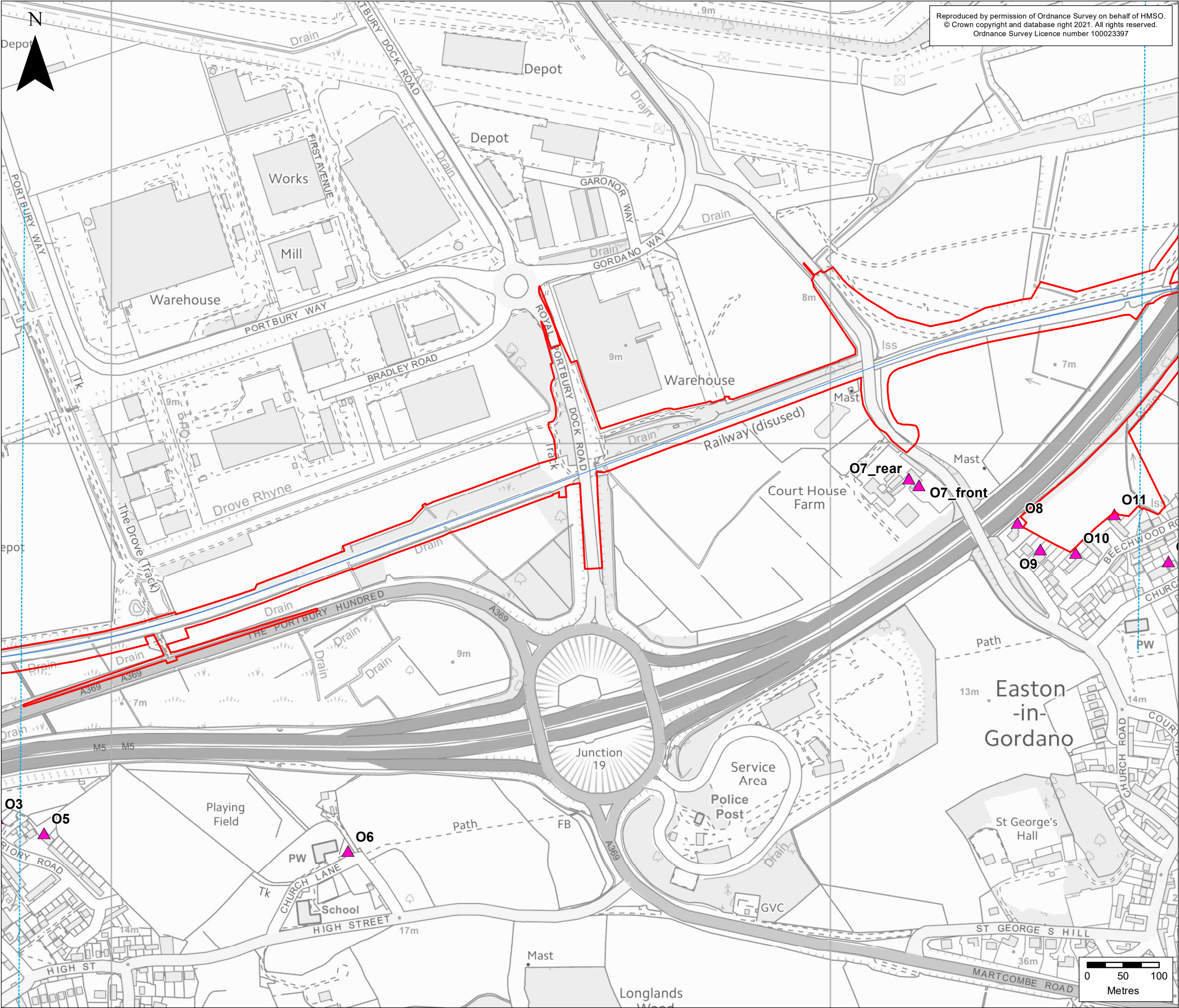
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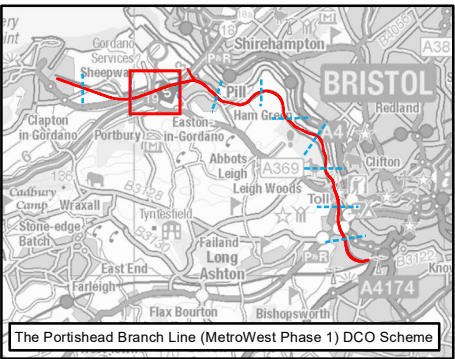
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KEY



Order Limits

Portishead Branch Line

The Nationally Significant Infrastructure Project (NSIP) Works

Noise Assessment



Noise Assessment Locations

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

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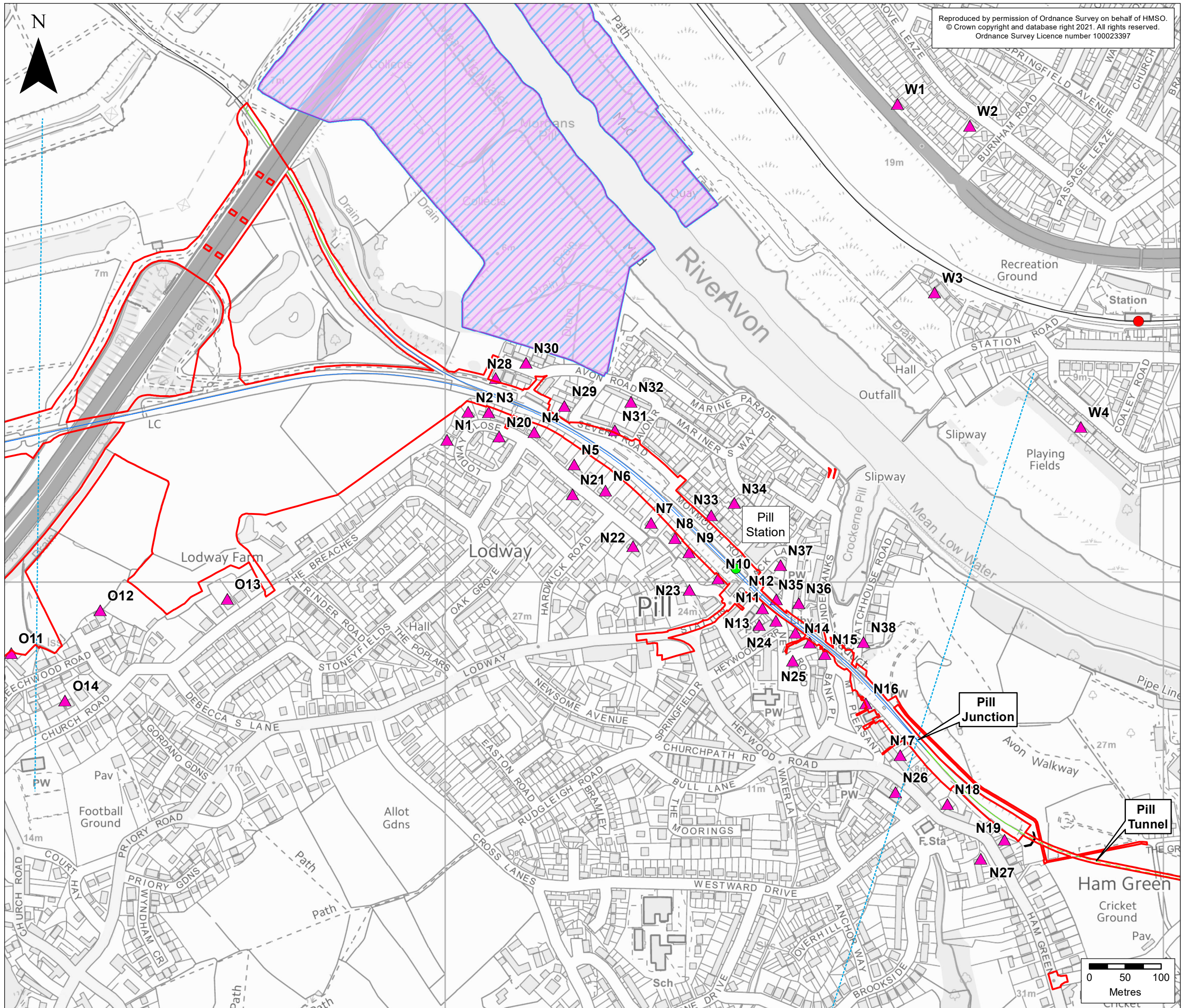
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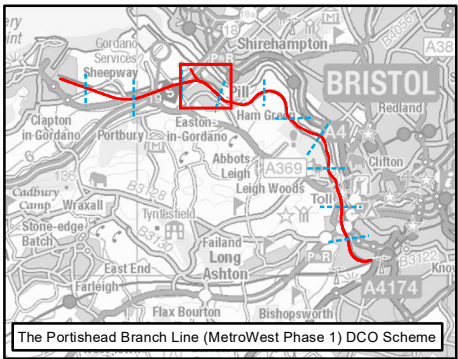
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KEY

- Order Limits
- Site of Special Scientific Interest (SSSI)
- 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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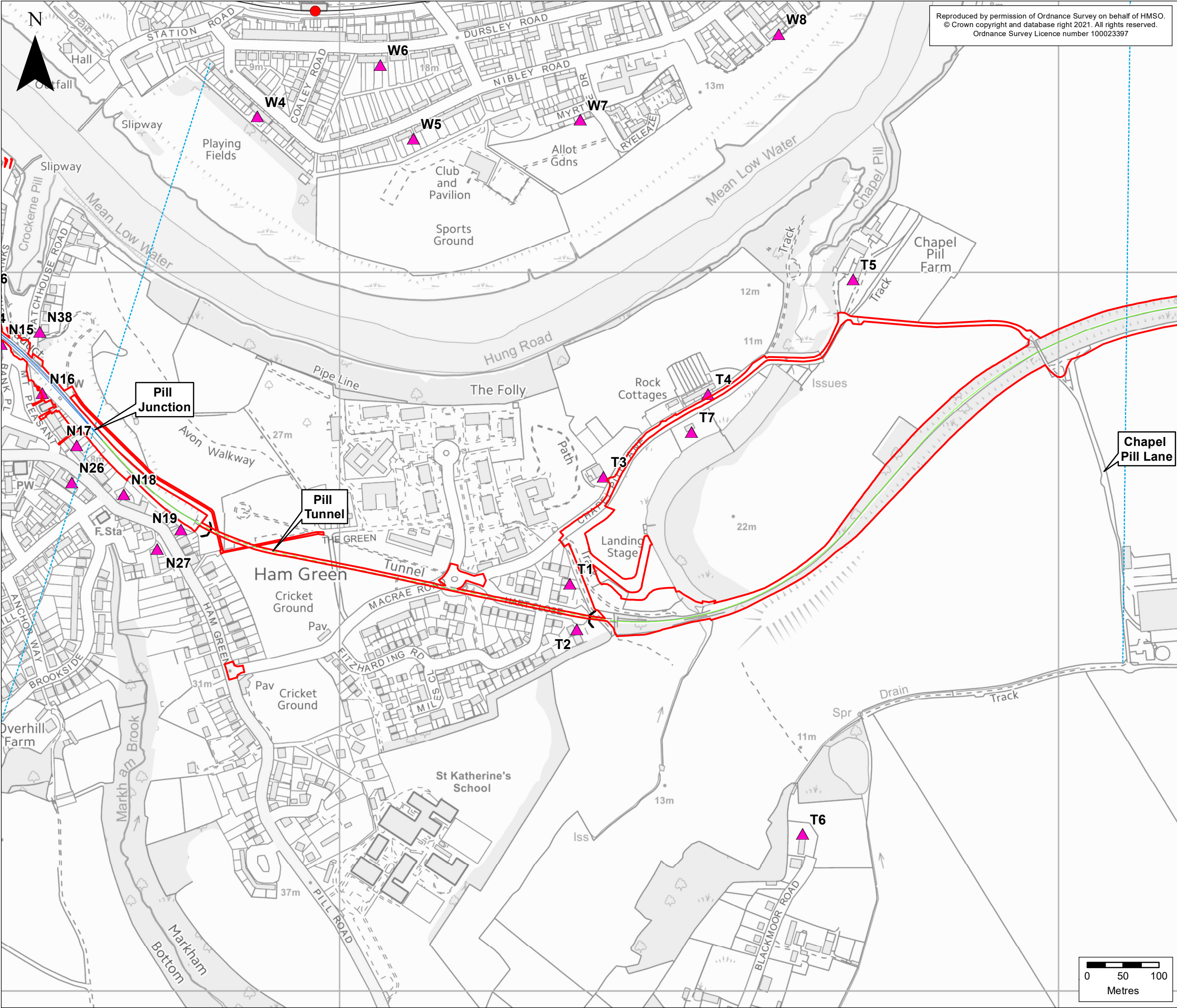
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Figure 13.2: Noise Assessment Locations
Sheet 4 of 11 - Pill
APFP Regulation 5(2)(a)

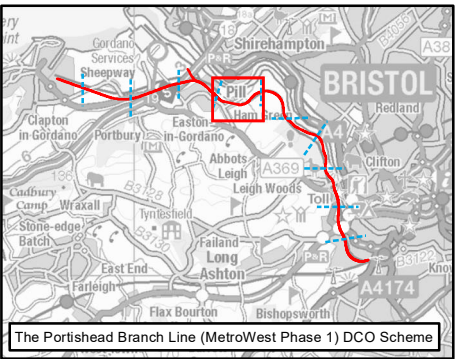
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KEY

- Order Limits
- Portishead Branch Line**
 - The Nationally Significant Infrastructure Project (NSIP) Works
 - The Associated Development
 - Section in Tunnel
- Existing Railway**
 - Existing Railway Line
 - Existing Railway Station
- Noise Assessment**
 - ▲ Noise Assessment

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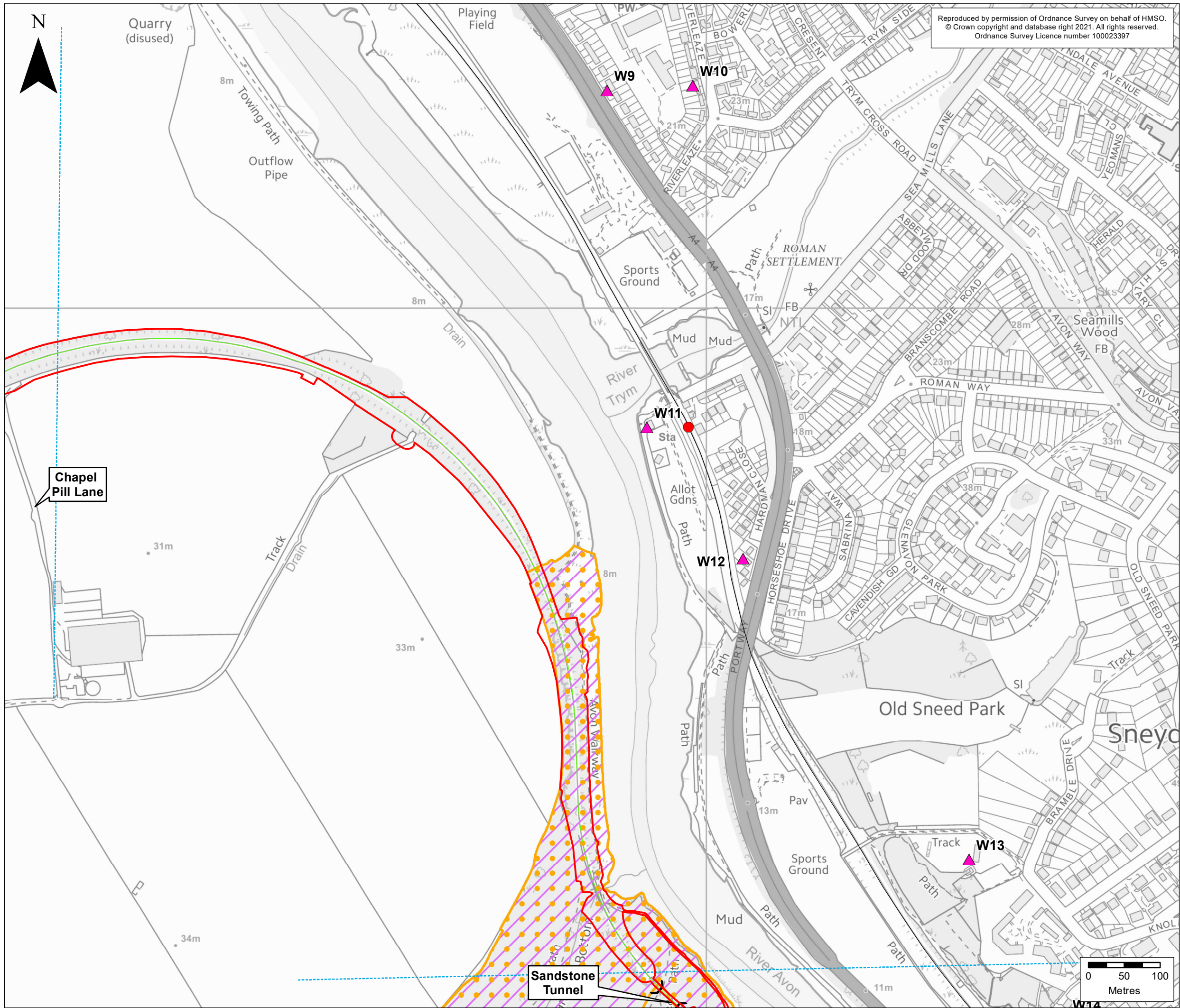
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Drawing : **Figure 13.2: Noise Assessment Locations
Sheet 5 of 11 - Ham Green
APFP Regulation 5(2)(a)**

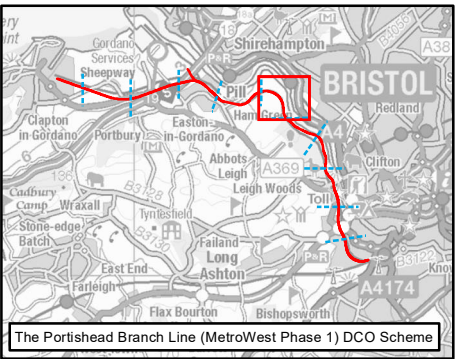
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KEY

Order Limits

Environmental Constraints

Site of Special Scientific Interest (SSSI)

Special Area of Conservation (SAC)

Portishead Branch Line

The Associated Development Works

Existing Railway

Existing Railway Line

● Existing Railway Station

Noise Assessment

▲ Noise Assessment Locations

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ES-B	MPC	RS	CF	04/03/2021	Revised Order Limits
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(MetroWest Phase 1)

Drawing :

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

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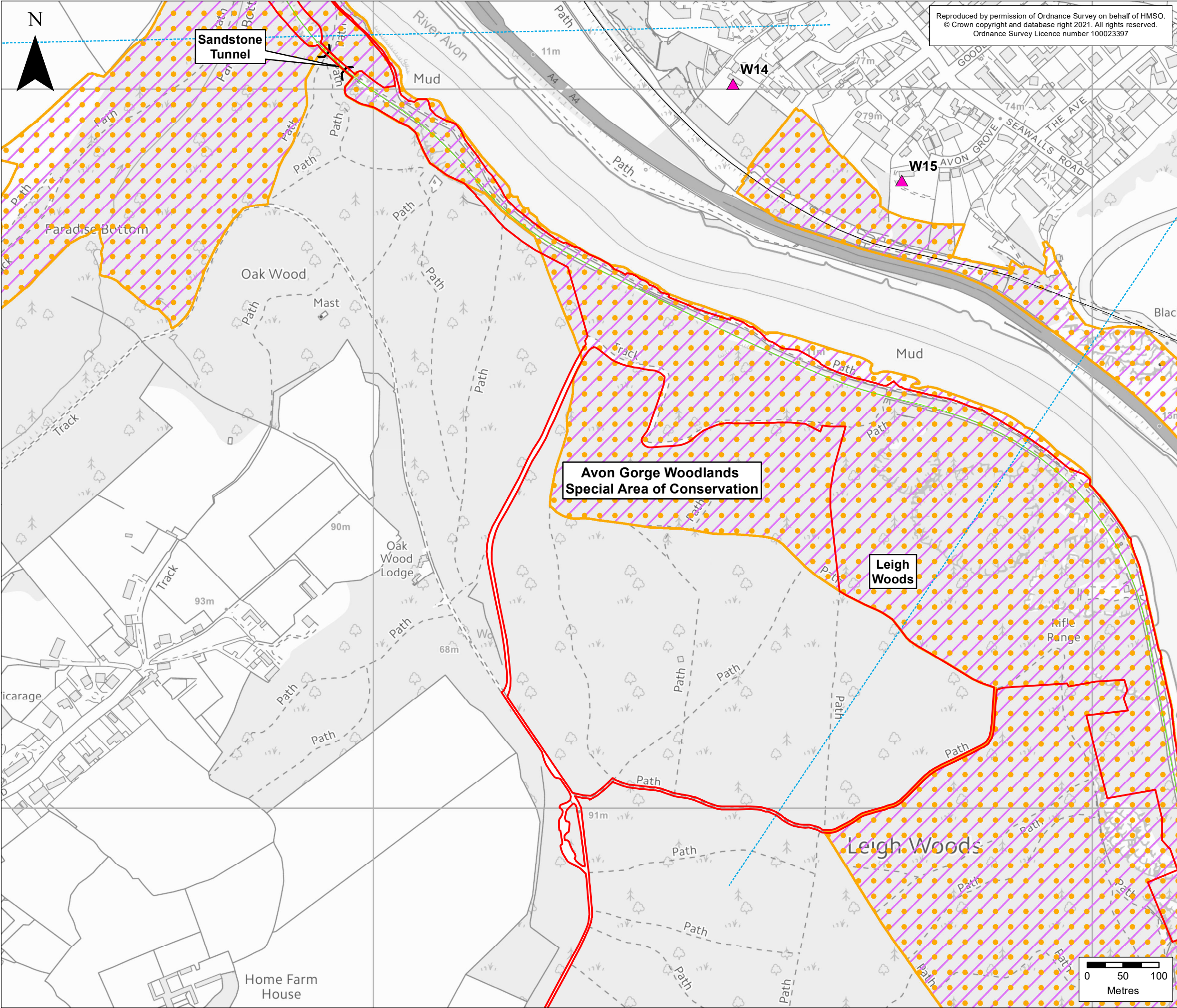
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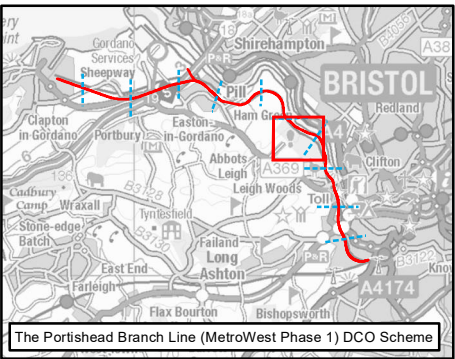
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KEY

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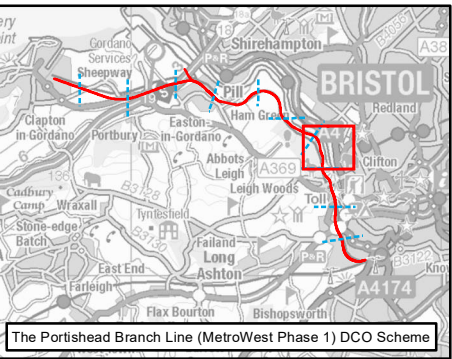
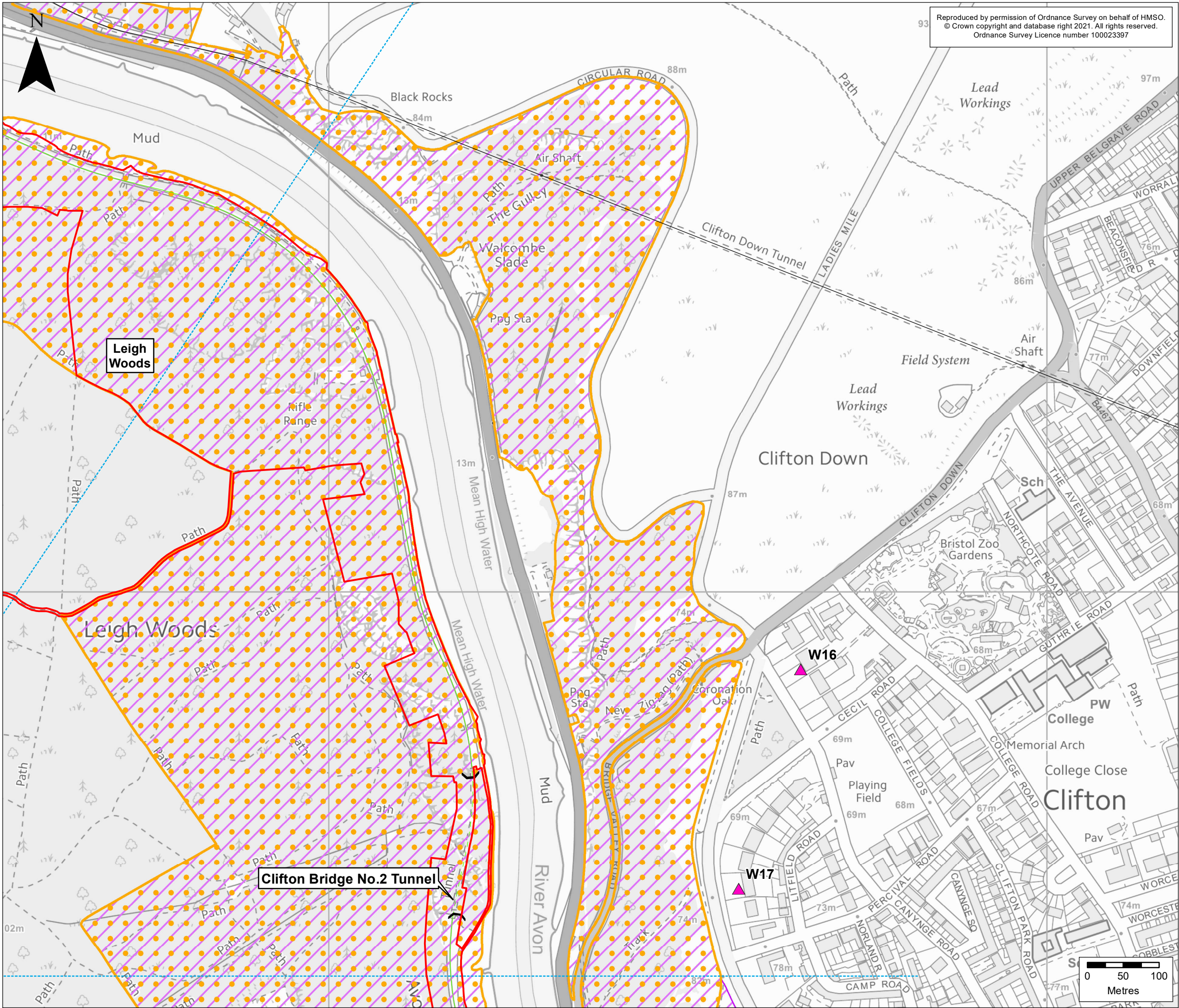
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**Figure 13.2: Noise Assessment Locations
Sheet 7 of 11 - Leigh Woods (1)
APFP Regulation 5(2)(a)**

Drawn By : Martin Costello **Date:** 04/03/2021
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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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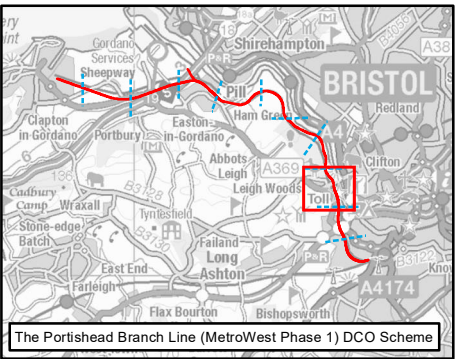
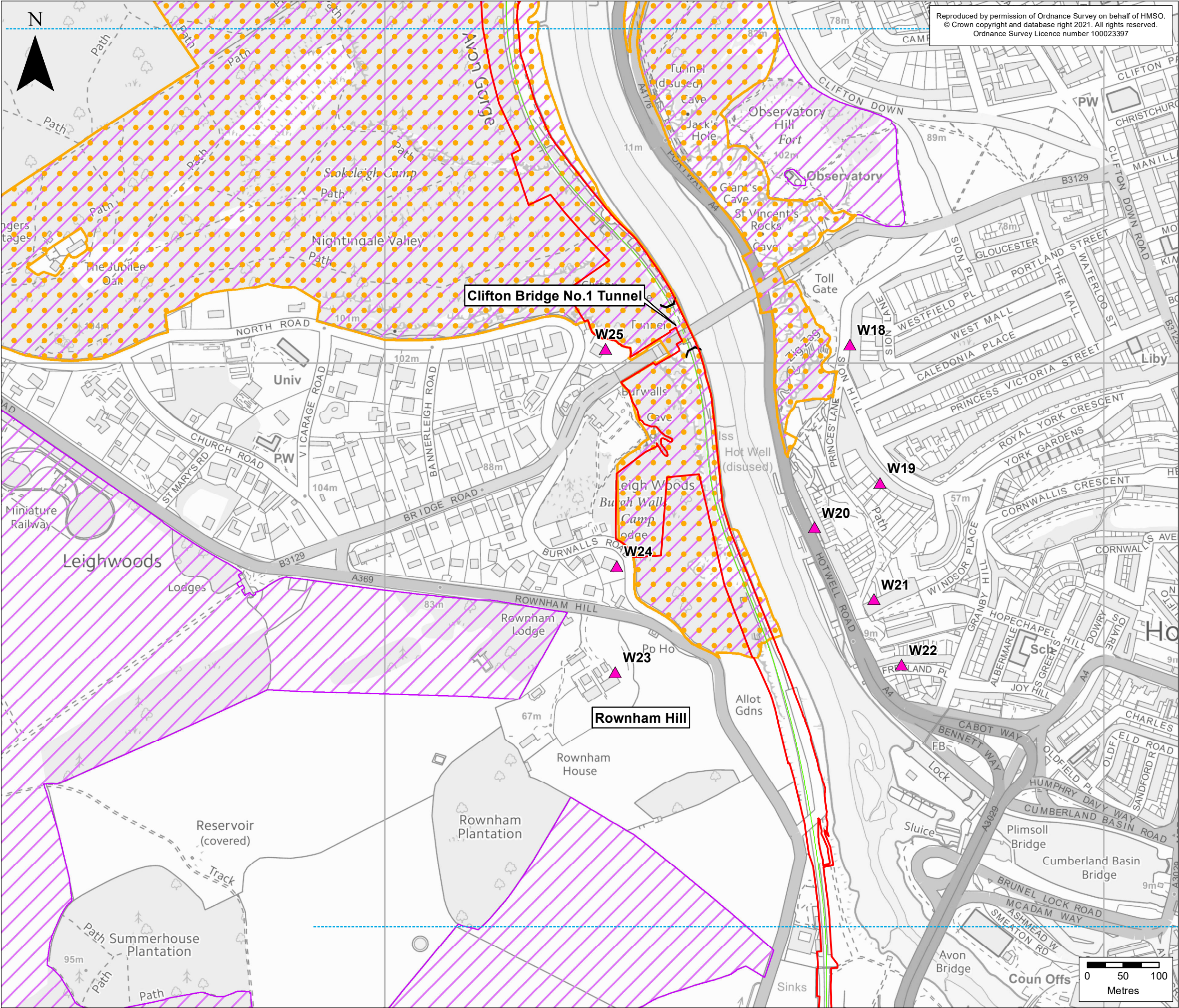
Project :
Portishead Branch Line
(MetroWest Phase 1)

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

Drawn By : Martin Costello **Date:** 04/03/2021
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KEY

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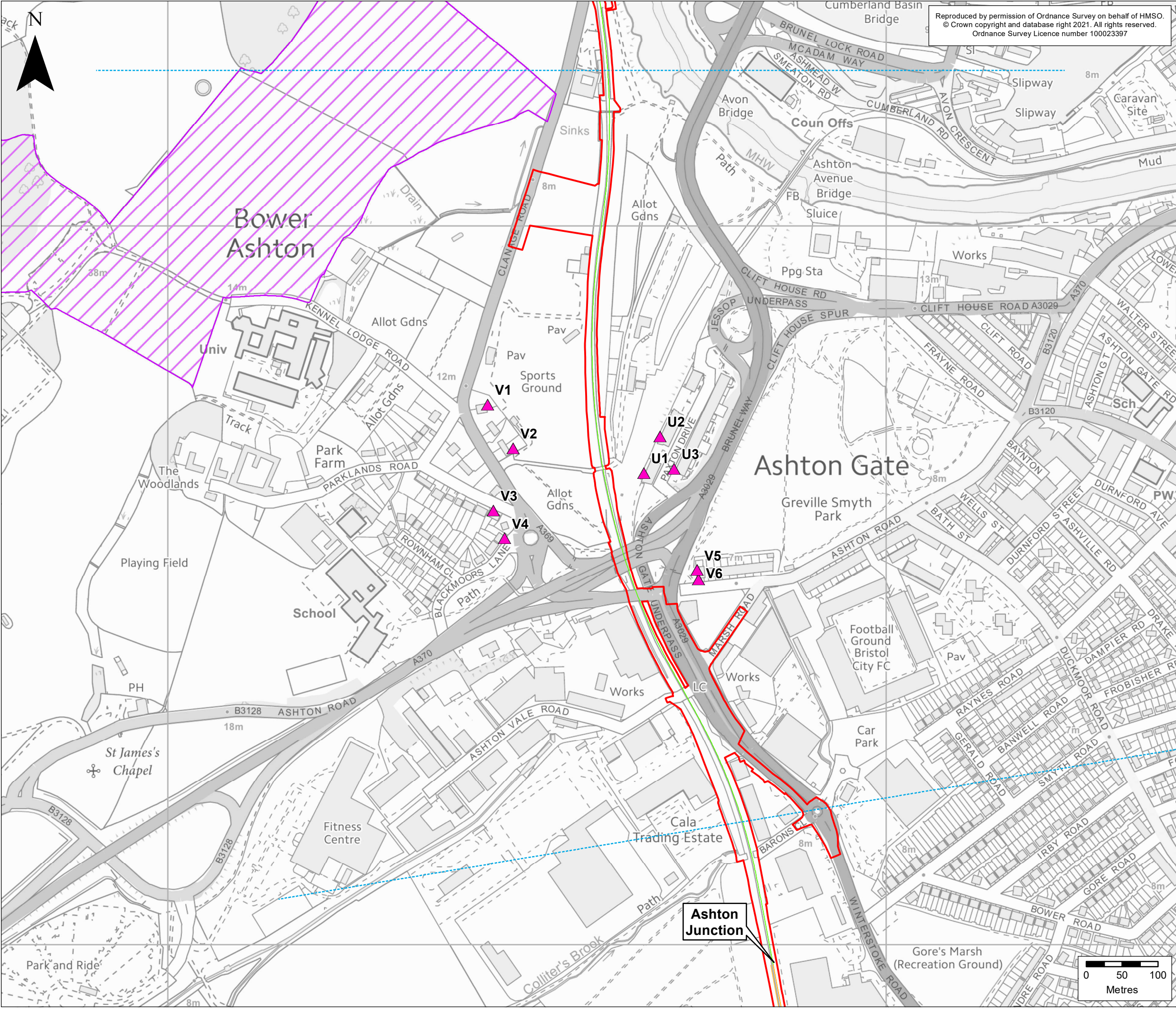
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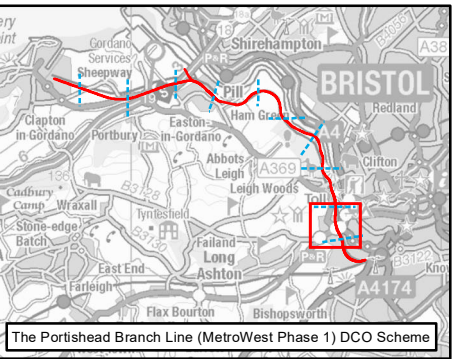
Drawing :
Figure 13.2: Noise Assessment Locations
Sheet 9 of 11 - Leigh Woods (3)
APFP Regulation 5(2)(a)

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KEY

Order Limits

Environmental Constraints

Site of Special Scientific Interest (SSSI)

Portishead Branch Line

The Associated Development Works

Other Works

Network Rail Permitted Development Rights

Noise Assessment

Noise Assessment Locations

Rev	By	Chkd	Apprvd	Date	Description
ES-B	MPC	RS	CF	04/03/2021	Revised Order Limits
ES-A	MPC	RS	CF	28/10/2019	First draft

Client

travelwest
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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:** 04/03/2021

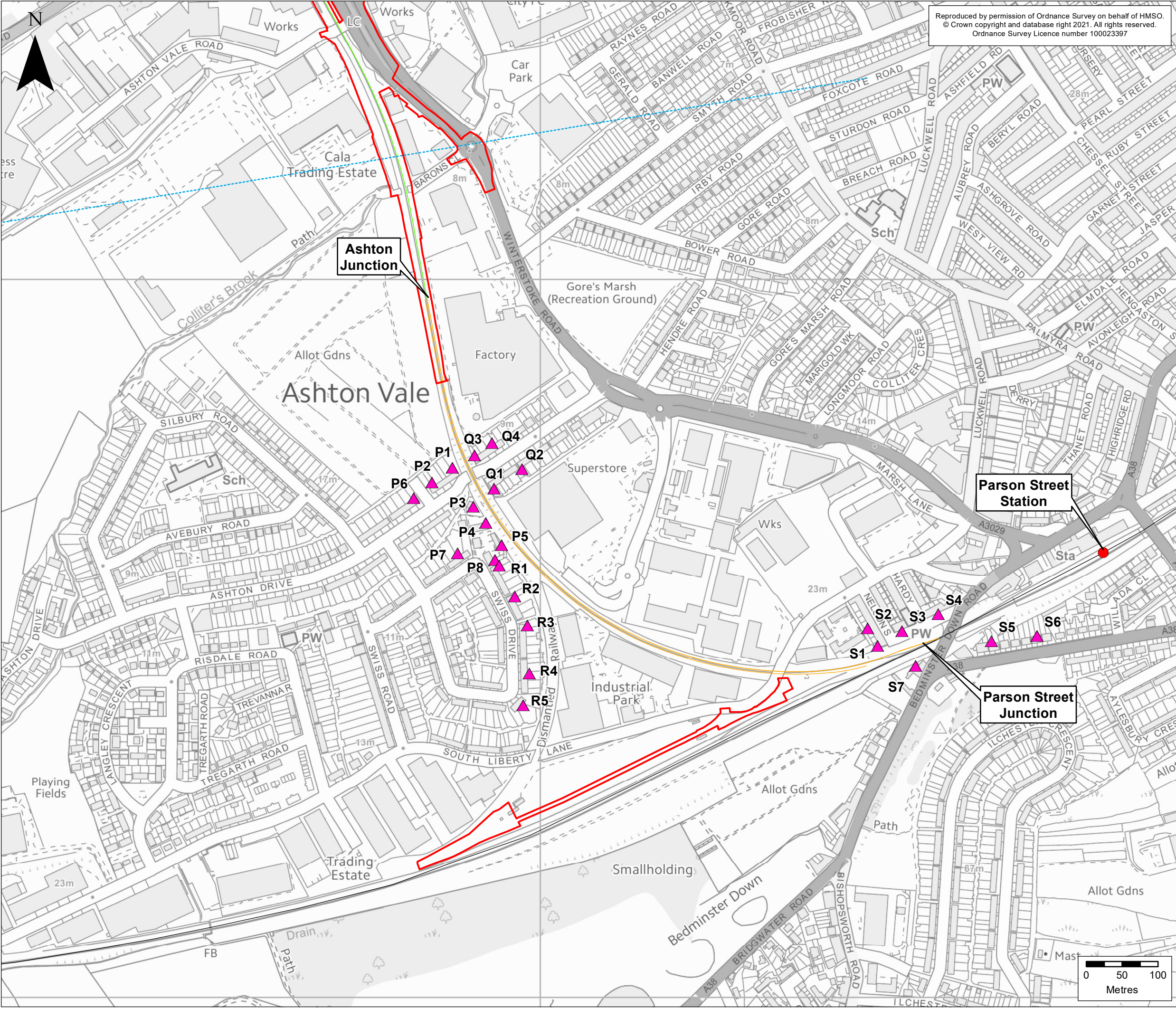
Checked By : Richard Stait **Date:** 04/03/2021

Approved By : Carolyn Francis **Date:** 04/03/2021

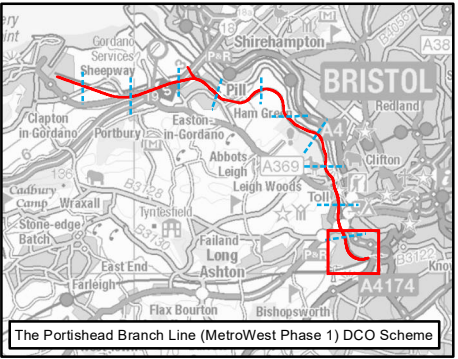
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KEY

Order Limits

Portishead Branch Line

The Associated Development Works

Existing Railway

Existing Railway Line

Existing Railway Station

Other Works

Network Rail Permitted Development Rights

Noise Assessment

Noise Assessment Locations

Rev	By	Chkd	Apprvd	Date	Description
ES-B	MPC	RS	CF	04/03/2021	Revised Order Limits
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 11 of 11 - Ashton Junction
APFP Regulation 5(2)(a)**

Drawn By : Martin Costello Date: 04/03/2021

Checked By : Richard Stait Date: 04/03/2021

Approved By : Carolyn Francis Date: 04/03/2021

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