

#### KEY

##### Portishead Branch Line

The Nationally Significant Infrastructure Project (NSIP) Works

##### Reptile Survey Area

Reptile Survey Area

Reptile Survey Tiles

##### GCN Survey

GCN Survey Waterbody Number

##### GCN Pond Locations

GCN present  
GCN present eDNA only  
Surveyed - No GCN  
Not found / dried up  
Unsuitable or part-surveyed  
GCN Present 250m Buffer

##### Otter Survey

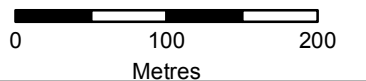
OT1: Otter Survey Target Note

##### Water Vole Survey

WV1: Water Vole Survey Waterbody Number

##### Water Vole Habitat Suitability

WVHS 1 or 2, Unsuitable for Water Vole  
WVHS 3 or 4, Provide 'Sink' Habitat  
WVHS 5 or >, Support Water Vole



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Project: Portishead Branch Line (MetroWest Phase 1)

Drawing: Figure 9.4: Fauna Surveys  
Sheet 1 of 11 - Portishead

Drawn By: Martin Costello Date: 11/09/2017

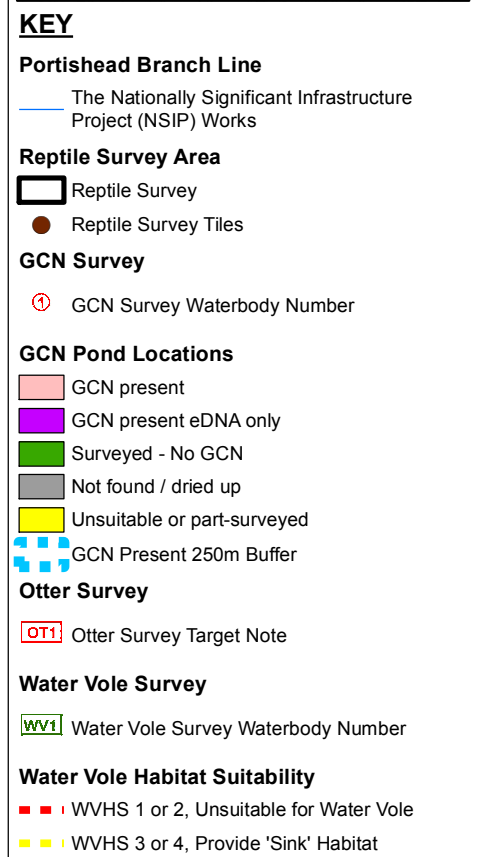
Checked By: Clare Williams Date: 11/09/2017

Approved By: Carolyn Francis Date: 11/09/2017

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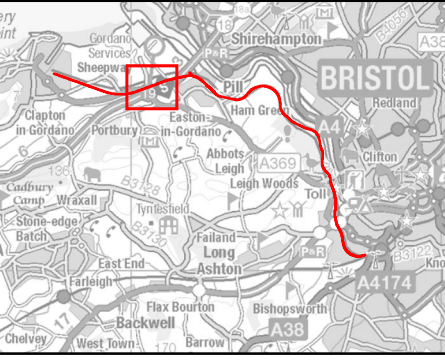
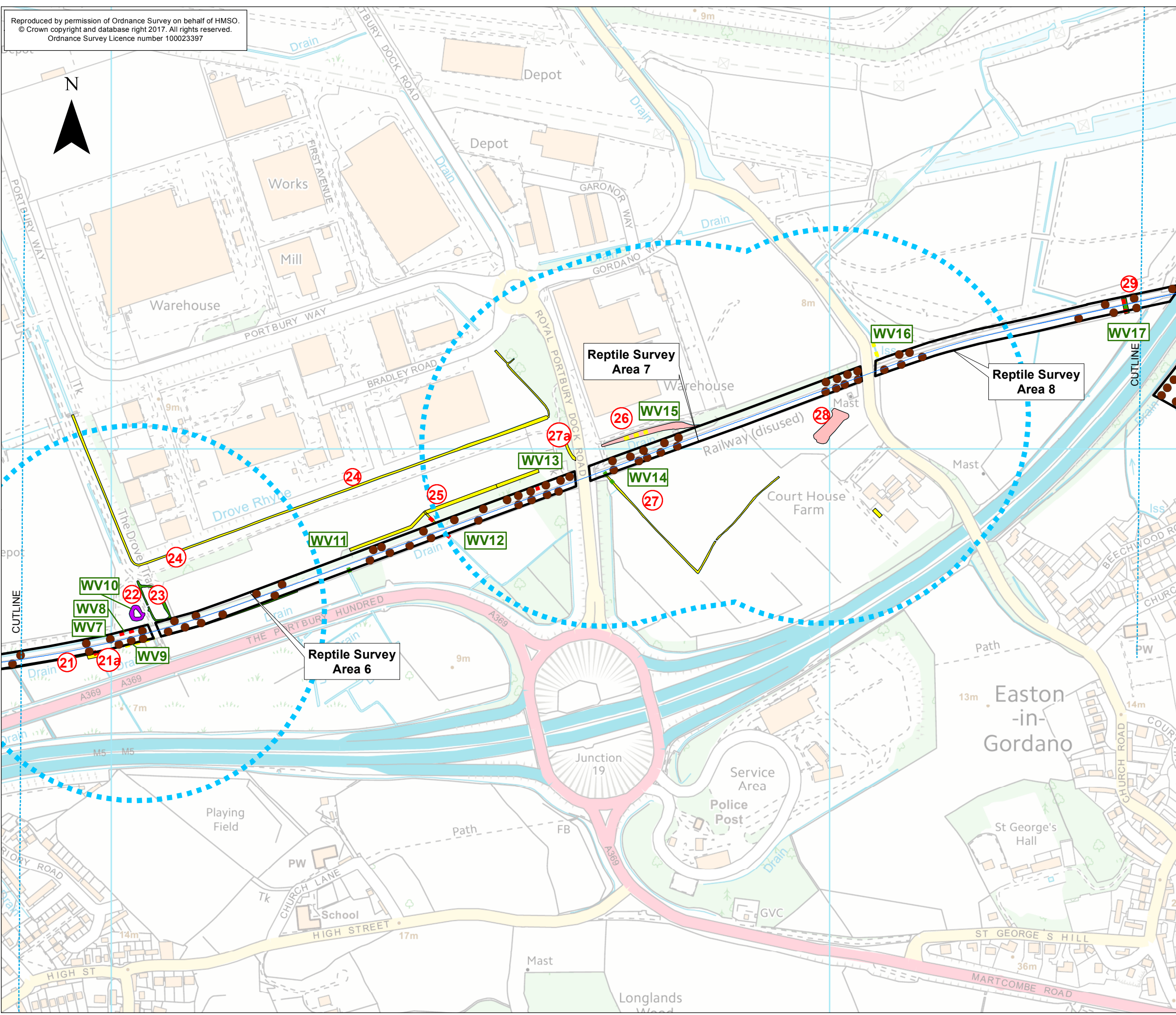
Drawing : **Figure 9.4: Fauna Surveys**  
**Sheet 2 of 11 - Sheepway**

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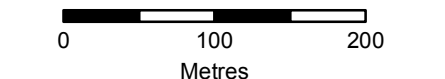
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- KEY**
- Portishead Branch Line**  
The Nationally Significant Infrastructure Project (NSIP) Works
- Reptile Survey Area**  
Reptile Survey Area  
Reptile Survey Tiles
- GCN Survey**  
GCN Survey Waterbody Number
- GCN Pond Locations**  
GCN present  
GCN present eDNA only  
Surveyed - No GCN  
Unsuitable or part-surveyed  
GCN Present 250m Buffer
- Otter Survey**  
Otter Survey Target Note
- Water Vole Survey**  
Water Vole Survey Waterbody Number
- Water Vole Habitat Suitability**  
WVHS 1 or 2, Unsuitable for Water Vole  
WVHS 3 or 4, Provide 'Sink' Habitat  
WVHS 5 or >, Support Water Vole



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

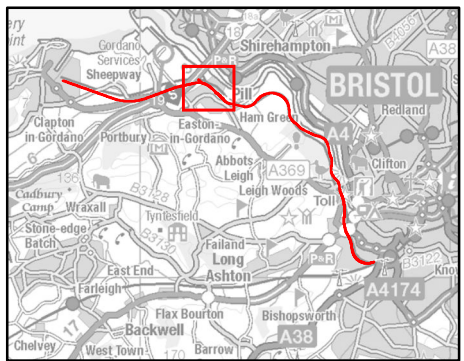
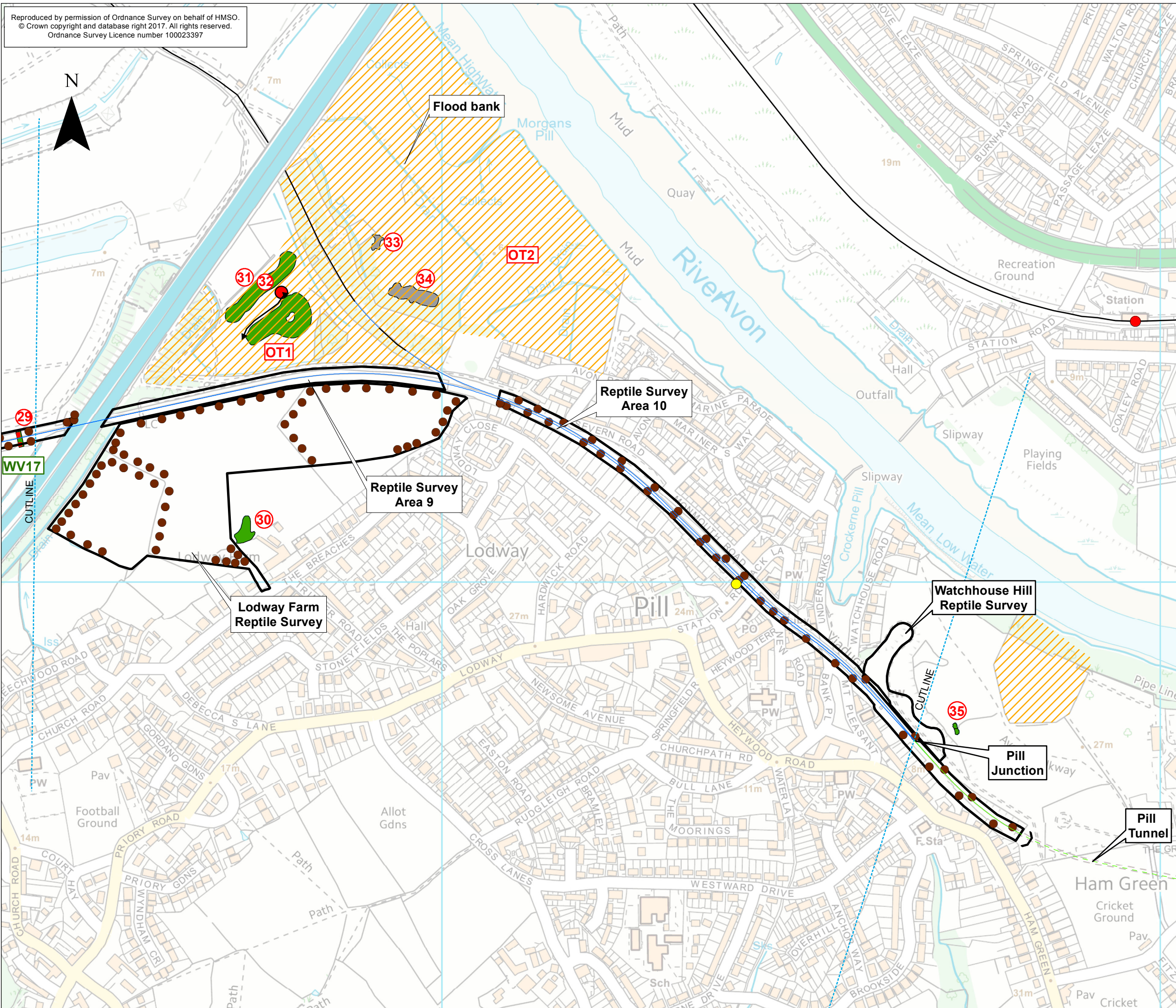
Drawing :  
**Figure 9.4: Fauna Surveys  
Sheet 3 of 11 - Junction 19**

Drawn By : Martin Costello Date: 11/09/2017  
Checked By : Clare Williams Date: 11/09/2017  
Approved By : Carolyn Francis Date: 11/09/2017

Drawing No. : 674946 -001-001-A  
Revision : 1

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#### KEY

##### Portishead Branch Line

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

##### Mammal Pathway

- Mammal Pathway

##### Reptile Survey Area

- Reptile Survey Area
- Reptile Survey Tiles

##### GCN Survey

- GCN Survey Waterbody Number

##### GCN Pond Locations

- Surveyed - No GCN
- Not found / dried up

##### Otter Survey

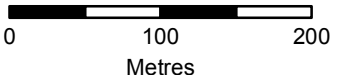
- Otter Survey Target Note
- Possible Otter Lying up Site
- Habitat suitable for Otter

##### Water Vole Survey

- Water Vole Survey Waterbody Number

##### Water Vole Habitat Suitability

- WVHS 1 or 2, Unsuitable for Water Vole



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Portishead Branch Line  
(MetroWest Phase 1)

Drawing :

Figure 9.4: Fauna Surveys  
Sheet 4 of 11 - Pill

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Checked By : Clare Williams Date: 11/09/2017

Approved By : Carolyn Francis Date: 11/09/2017

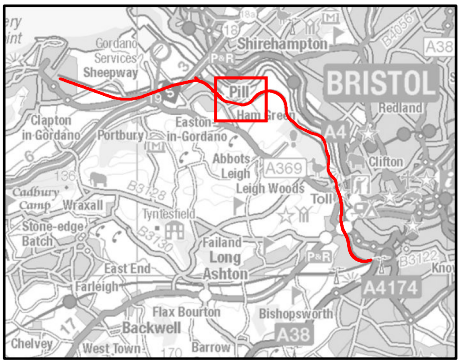
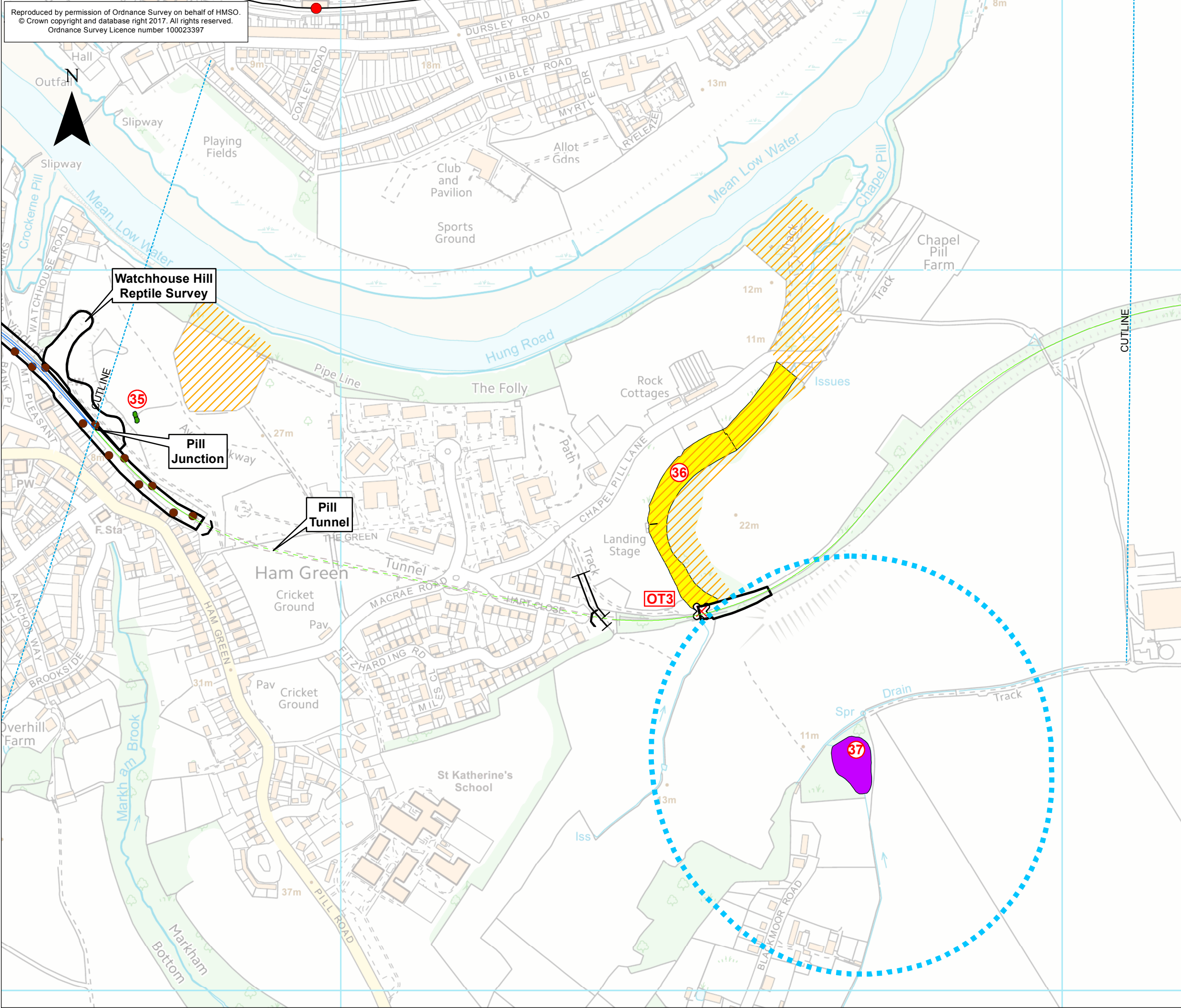
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#### KEY

##### Portishead Branch Line

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

##### Reptile Survey

- Reptile Survey
- Reptile Survey Tiles

##### Dormouse Tube Survey Location

- Dormouse Tube Survey

##### GCN Survey

- GCN Survey Waterbody Number

##### GCN Pond Locations

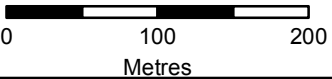
- GCN present eDNA only
- Surveyed - No GCN
- Unsuitable or part-surveyed
- GCN Present 250m Buffer

##### Otter Survey

- Otter Survey Target Note
- Otter Spraint
- Habitat suitable for Otter

##### Water Vole Survey

- Water Vole Survey Waterbody Number



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Drawing : Figure 9.4: Fauna Surveys  
Sheet 5 of 11 - Ham Green

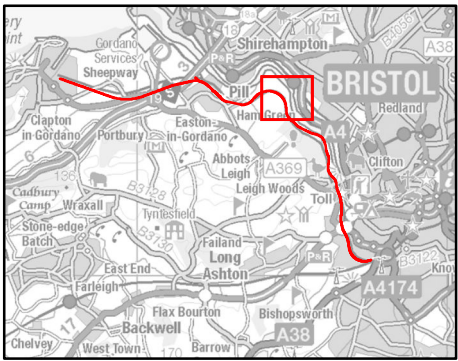
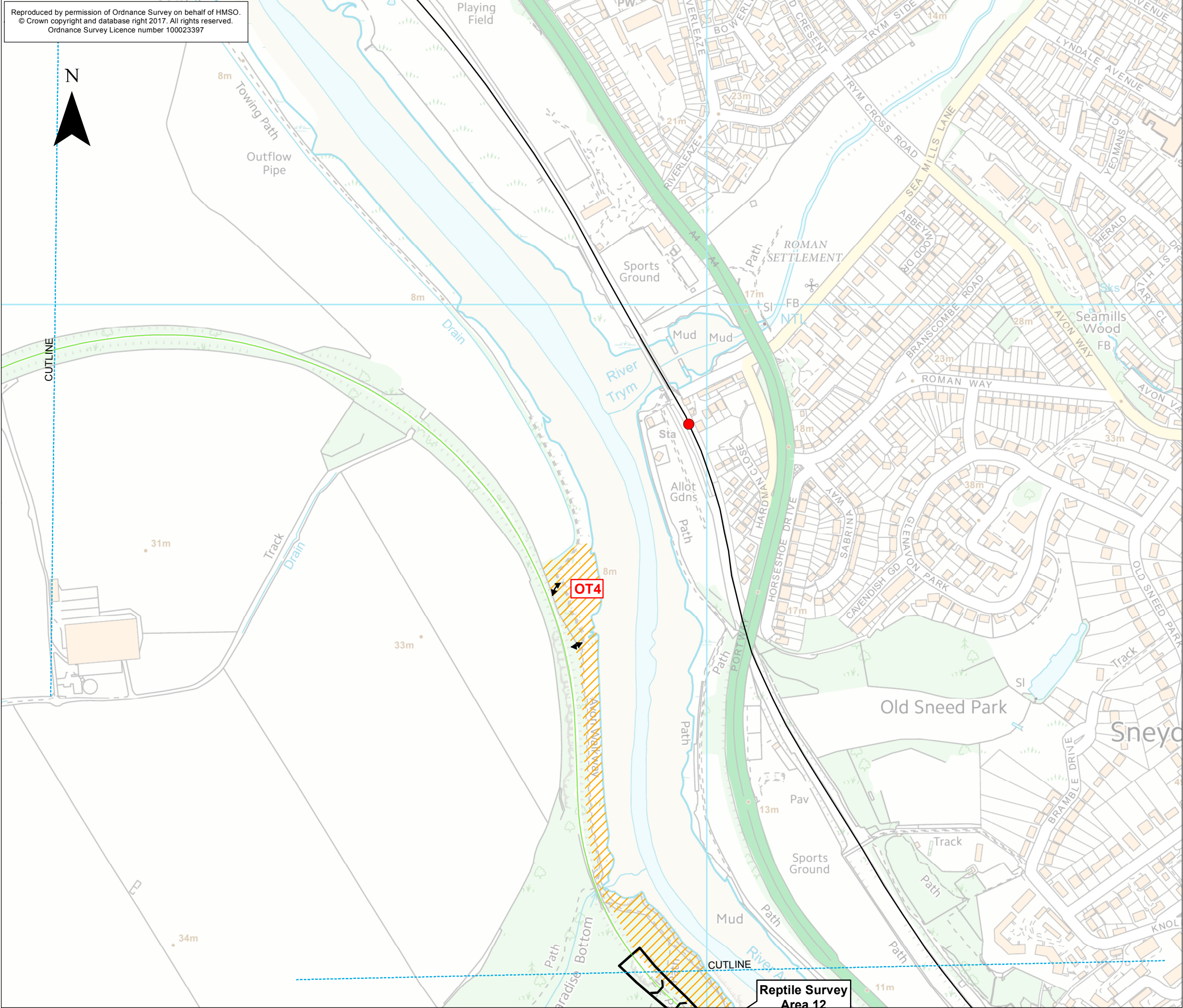
Drawn By : Martin Costello Date: 11/09/2017  
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#### KEY

##### Portishead Branch Line

— The Associated Development Works

##### Mammal Pathway

↔ Mammal Pathway

##### Reptile Survey Area

▭ Reptile Survey Area

##### GCN Survey

① GCN Survey Waterbody Number

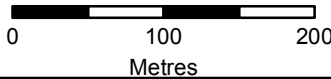
##### Otter Survey

OT1 Otter Survey Target Note

▨ Habitat suitable for Otter

##### Water Vole Survey

WV1 Water Vole Survey Waterbody Number



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(MetroWest Phase 1)**

Drawing : **Figure 9.4: Fauna Surveys  
Sheet 6 of 11 - Lodway**

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Checked By : Clare Williams	Date: 11/09/2017
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N

Paradise Bottom

Oak Wood

Mast

Oak Wood Lodge

Home Farm House

Leigh Woods

Rifle Range

Reptile Survey Area 12

Reptile Survey Area 13

Leigh Woods

OT5

CUTLINE

Mud

Path

Track

91m

93m

90m

68m

11m

77m

79m

74m

13m

GOODEVE ROAD

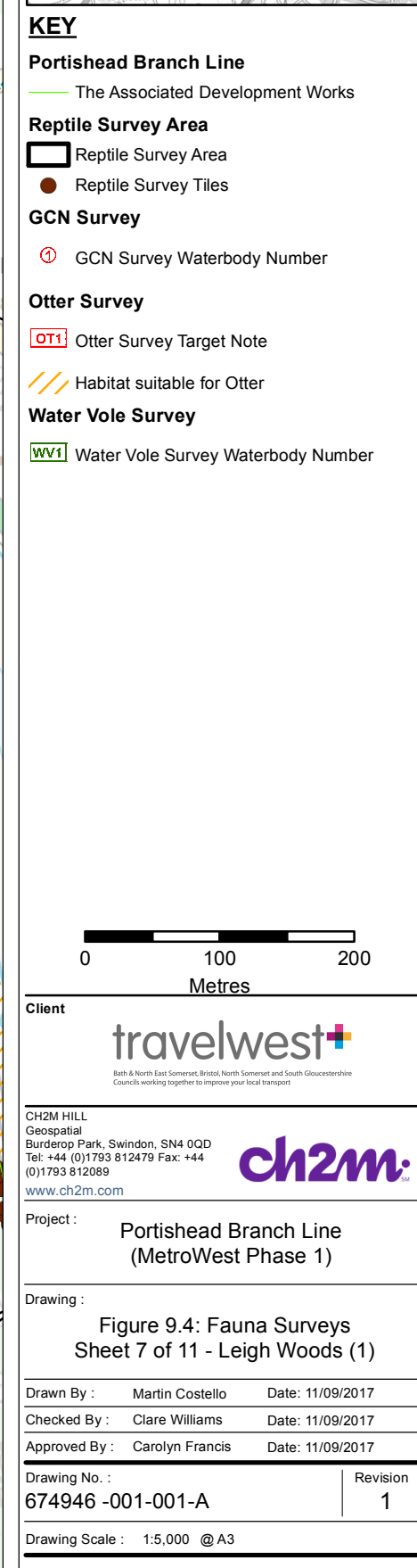
AVON GROVE

SEAWALLS ROAD

THE AVE

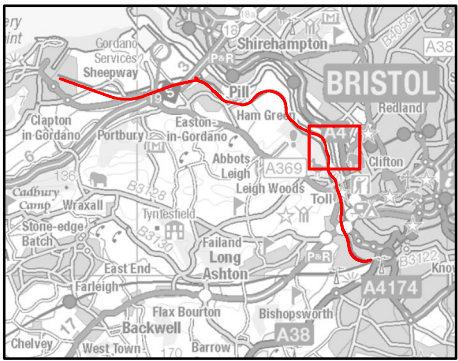
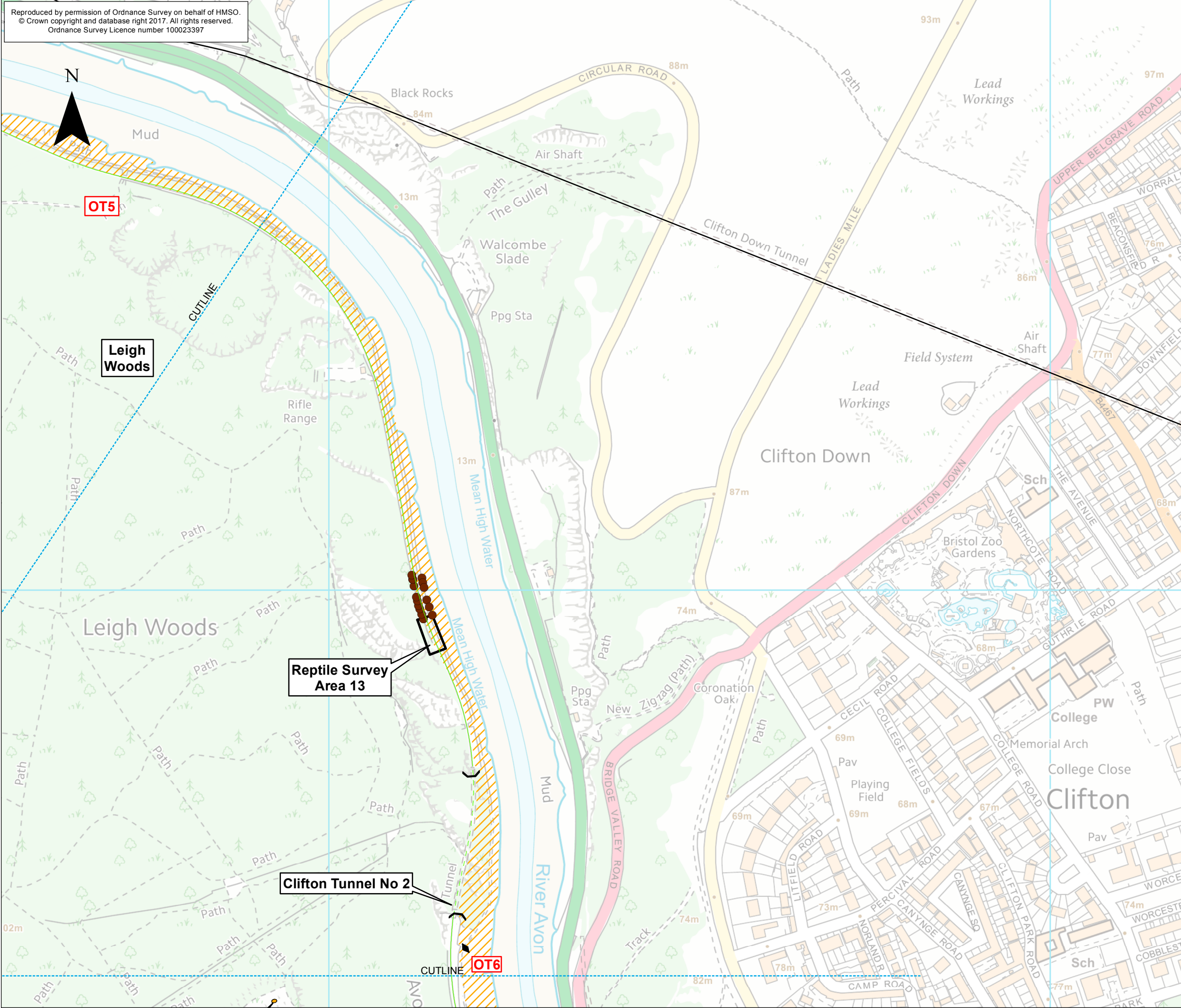
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icarage





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#### KEY

##### Portishead Branch Line

- The Associated Development Works
- Section in Tunnel

##### Mammal Pathway

- Mammal Pathway

##### Reptile Survey Area

- Reptile Survey Area
- Reptile Survey Tiles

##### GCN Survey

- GCN Survey Waterbody Number

##### GCN Pond Locations

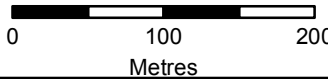
- Pending Survey

##### Otter Survey

- Otter Survey Target Note
- Habitat suitable for Otter

##### Water Vole Survey

- Water Vole Survey Waterbody Number



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Drawing :

Figure 9.4: Fauna Surveys  
Sheet 8 of 11 - Leigh Woods (2)

Drawn By : Martin Costello Date: 11/09/2017

Checked By : Clare Williams Date: 11/09/2017

Approved By : Carolyn Francis Date: 11/09/2017

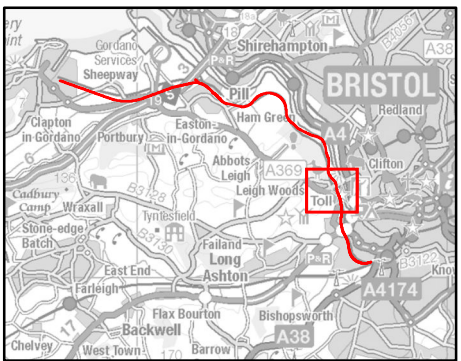
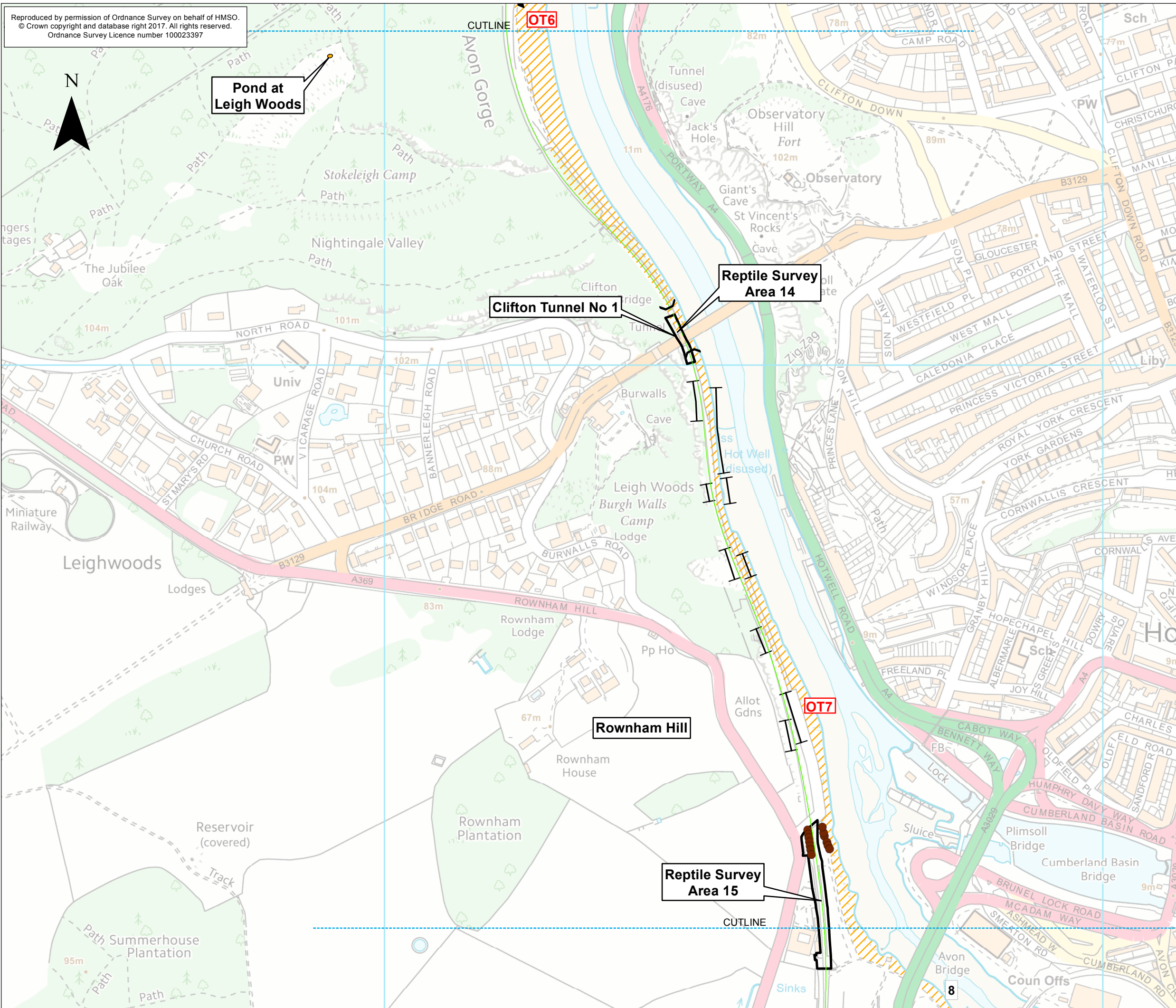
Drawing No. :  
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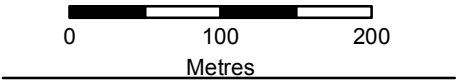
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- KEY**
- Portishead Branch Line**
- The Associated Development Works
  - Section in Tunnel
- Mammal Pathway**
- Mammal Pathway
- Reptile Survey Area**
- Reptile Survey Area
  - Reptile Survey Tiles
- Dormouse Tube Survey Location**
- Dormouse Tube Survey Location
- GCN Survey**
- GCN Survey Waterbody Number
- GCN Pond Locations**
- Pending Survey
- Otter Survey**
- Otter Survey Target Note
  - Habitat suitable for Otter
- Water Vole Survey**
- Water Vole Survey Waterbody Number



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Project : Portishead Branch Line (MetroWest Phase 1)

Drawing : Figure 9.4: Fauna Surveys  
Sheet 9 of 11 - Leigh Woods

Drawn By : Martin Costello Date: 11/09/2017  
Checked By : Clare Williams Date: 11/09/2017  
Approved By : Carolyn Francis Date: 11/09/2017

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### — The Associated Development Works

## Network Rail Permitted Development Rights

 Reptile Survey Area

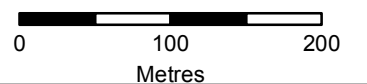
- Reptile Survey Tiles

① GCN Survey Waterbody Number

**OT1** Otter Survey Target Note

 Habitat suitable for Otter

**WV1** Water Vole Survey Waterbody Number



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Project :	Portishead Branch Line (MetroWest Phase 1)
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Drawing : **Figure 9.4: Fauna Surveys**  
**Sheet 10 of 11 - Ashton Gate**

Drawn By : Martin Costello Date: 11/09/2017

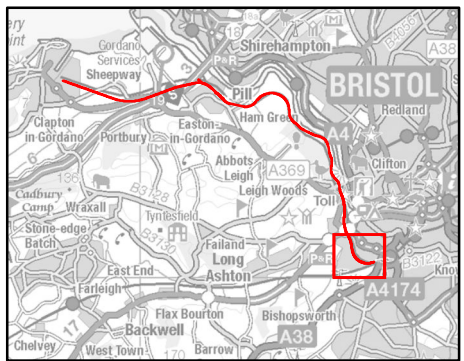
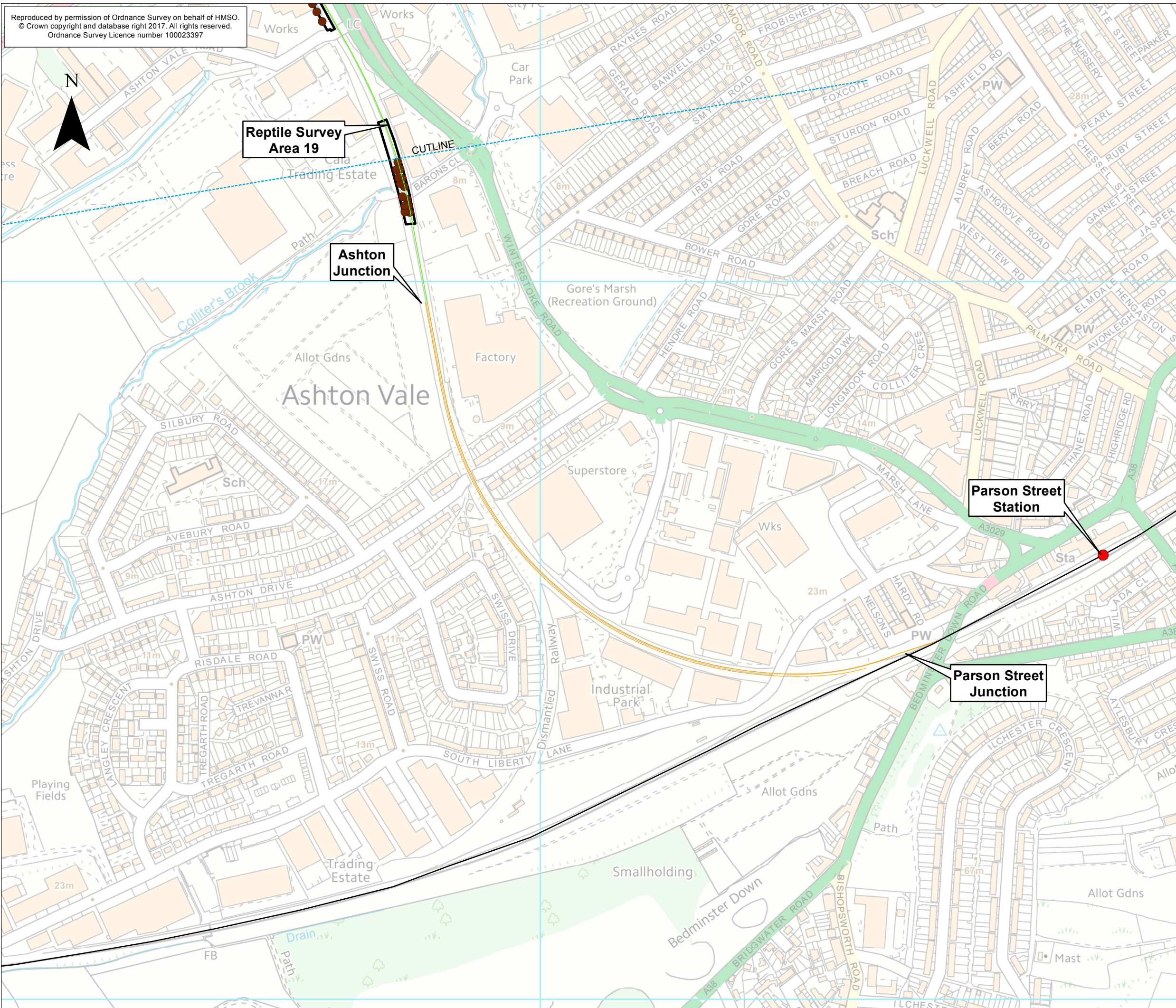
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#### KEY

##### Portishead Branch Line

— The Associated Development

##### Other Works

— Network Rail Permitted Development Rights

##### Reptile Survey

□ Reptile Survey

● Reptile Survey Tiles

##### GCN Survey

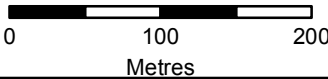
① GCN Survey Waterbody Number

##### Otter Survey

OT1 Otter Survey Target Note

##### Water Vole Survey

WV1 Water Vole Survey Waterbody Number



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Project :

Portishead Branch Line  
(MetroWest Phase 1)

Drawing :

Figure 9.4: Fauna Surveys  
Sheet 11 of 11 - Ashton Junction

Drawn By : Martin Costello Date: 11/09/2017

Checked By : Clare Williams Date: 11/09/2017

Approved By : Carolyn Francis Date: 11/09/2017

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