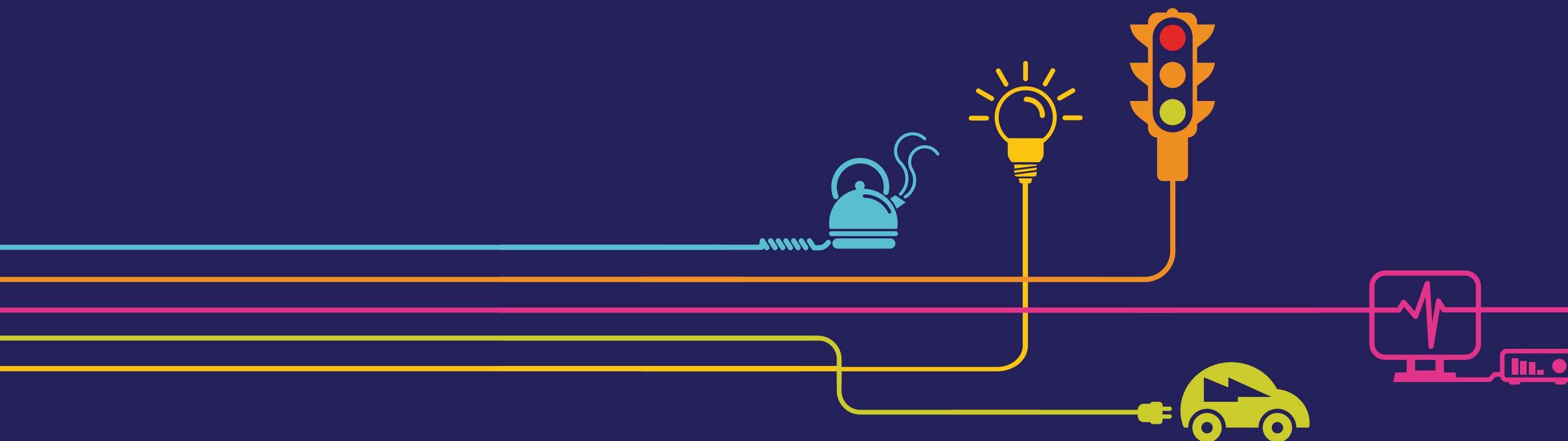


Environmental Statement Hydrology and Water Resources Figures

Hinkley Point C Connection Project

*Regulation 5(2)(a) of the Infrastructure Planning
(Applications: Prescribed Forms and Procedure)
Regulations 2009*



Environmental Statement

Hinkley Point C Connection Project

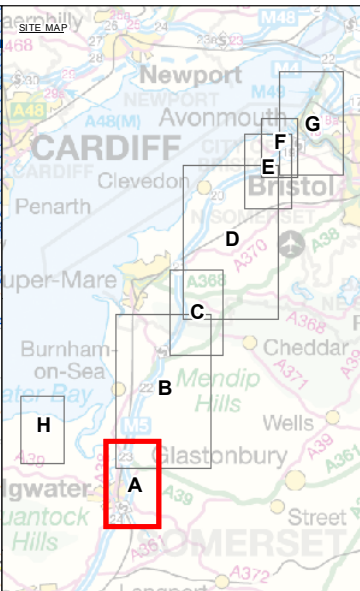
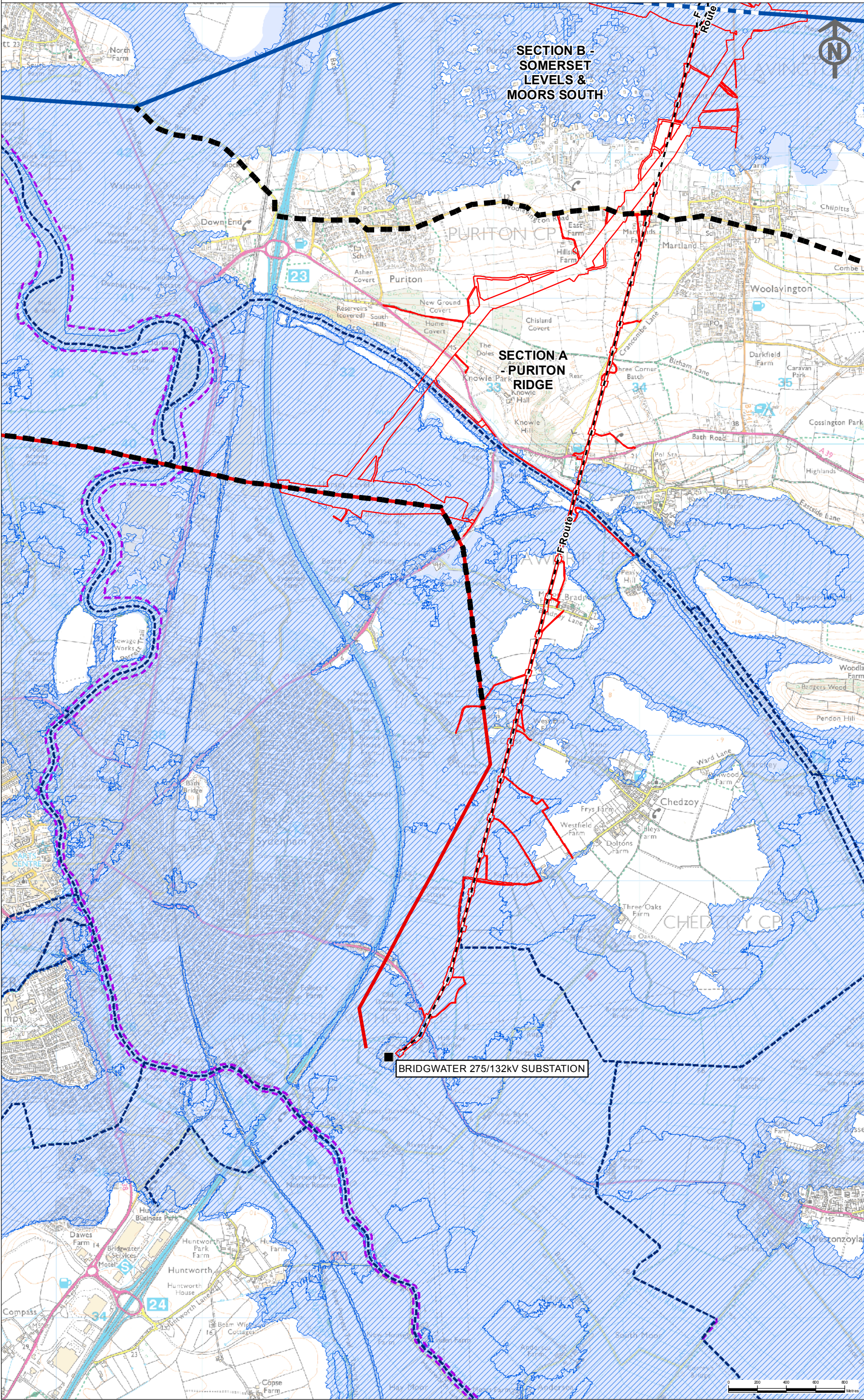
5.10.3 – Hydrology and Water Resources – Figures

Figure	Title
10.1	Flood Zones
10.2	Source Protection Zones
10.3	Avonmouth and Severnside Flood Defences

Figure 10.1 – Flood Zones

NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT)
ENVIRONMENTAL STATEMENT
VOLUME 5.10.3

FLOOD ZONES
SECTION A



Key

Proposed Development

- Order Limits

Existing Infrastructure

- Existing 400kV Overhead Line
- Existing 275kV Overhead Line
- Existing 400kV Overhead line for Removal
- Existing Western Power Distribution 132KV Overhead Line
- Existing Western Power Distribution 132KV Overhead Line for Removal
- Existing Substation

Flood Mapping

- Flood Defences
- Main Rivers
- Flood Zone 2
- Flood Zone 3

Section Boundary

- Section Boundary

Notes

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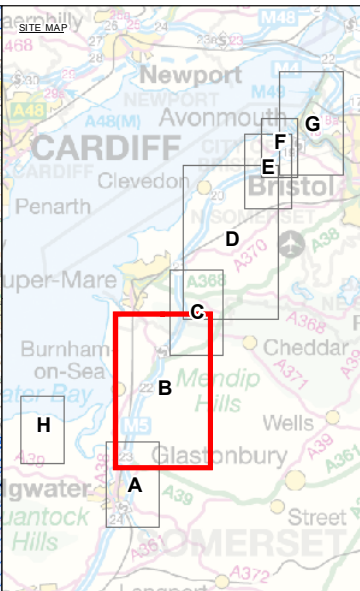
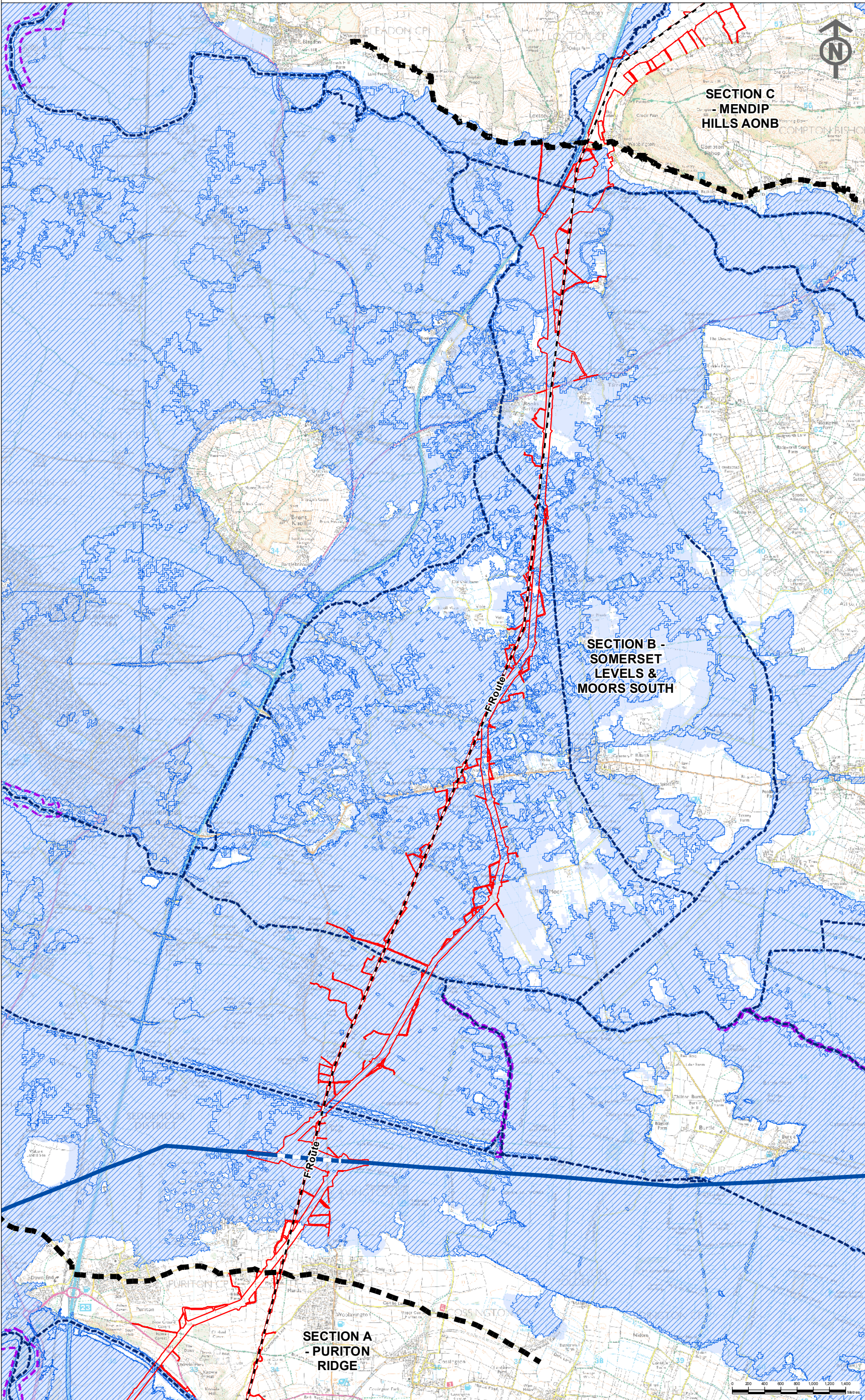
Title
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**FLOOD ZONES
SECTION A**

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20897	EN020001			
FIGURE No.	DRAWING No.		SCALE	
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			A	

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ENVIRONMENTAL STATEMENT
VOLUME 5.10.3

FLOOD ZONES
SECTION B



Key

Proposed Development

- Order Limits

Existing Infrastructure

- Existing 400kV Overhead Line
- Existing 400kV Overhead line for Removal
- Existing Western Power Distribution 132kV Overhead Line
- Existing Western Power Distribution 132kV Overhead Line for Removal

Flood Mapping

- Flood Defences
- Main Rivers
- Flood Zone 2
- Flood Zone 3

Section Boundary

- Section Boundary

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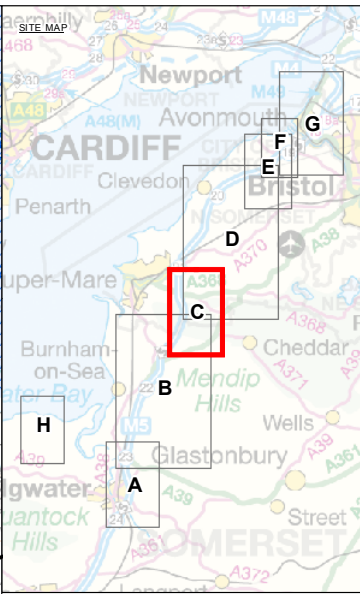
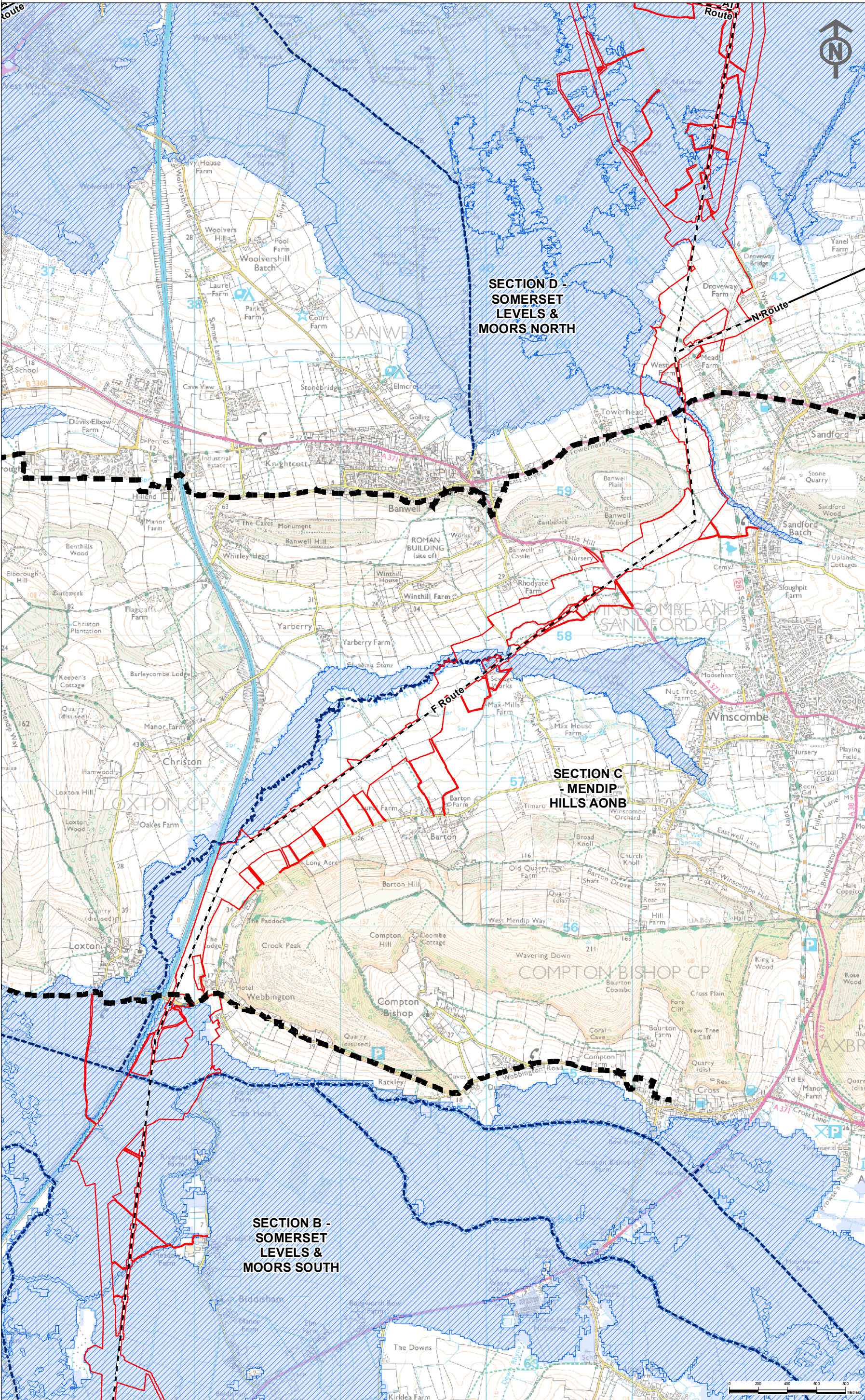
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20897	EN020001	A3			
FIGURE No.	DRAWING No.	SCALE			
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SHEET 2 of 8					ISSUE A

NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT)
ENVIRONMENTAL STATEMENT
VOLUME 5.10.3

FLOOD ZONES
SECTION C



Key

Proposed Development

- Order Limits

Existing Infrastructure

- Existing Western Power Distribution 132kV Overhead Line
- Existing Western Power Distribution 132kV Overhead Line for Removal

Flood Mapping

- Main Rivers
- Flood Zone 2
- Flood Zone 3

Section Boundary

- Section Boundary

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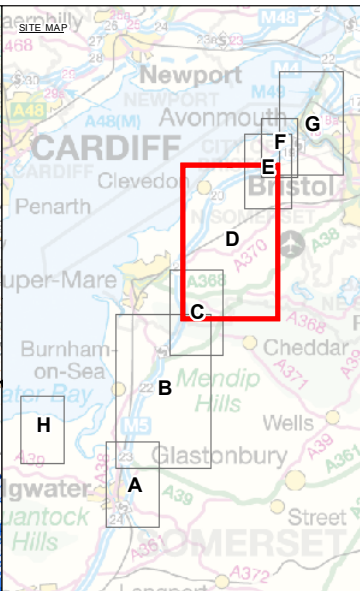
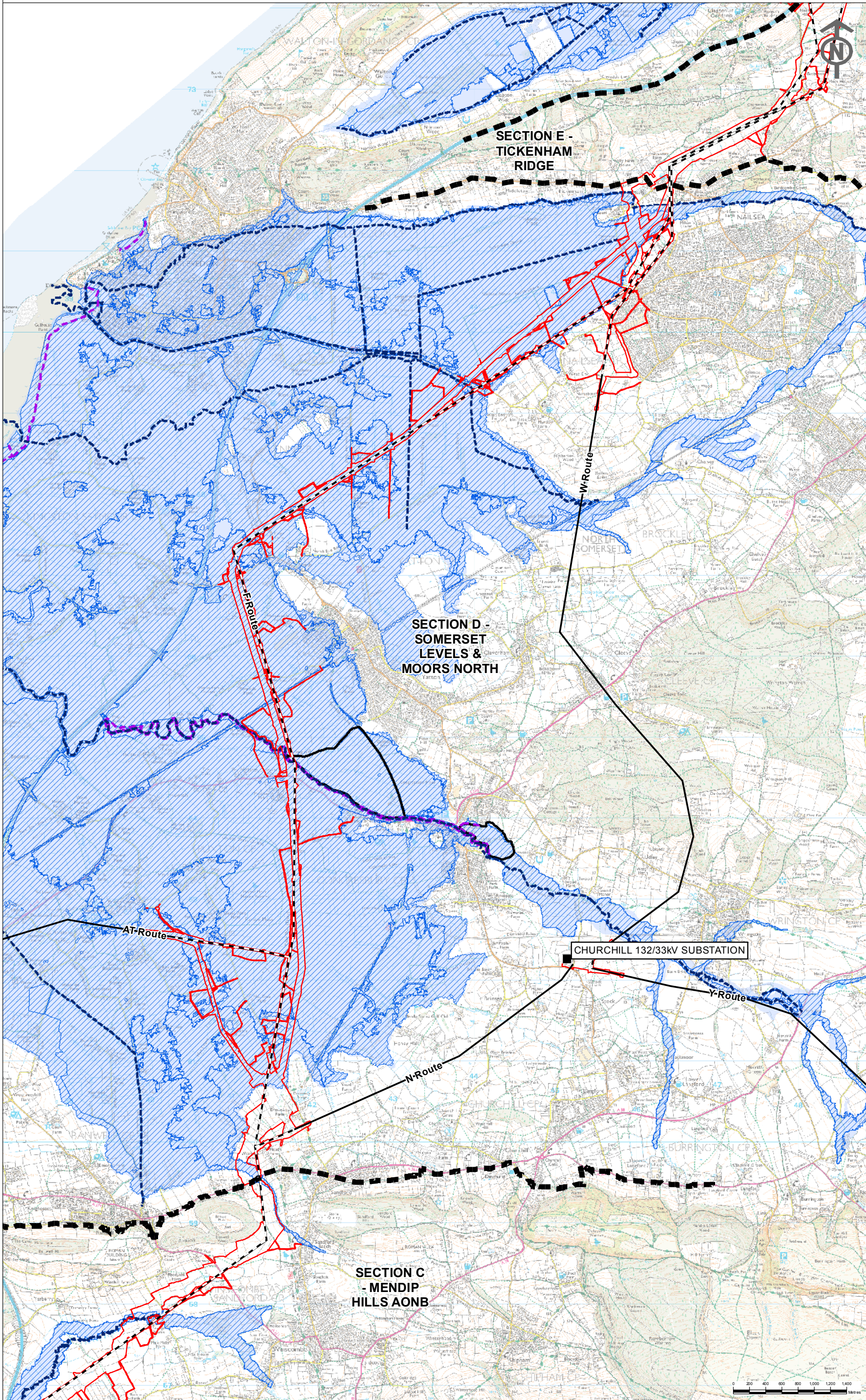
**FLOOD ZONES
SECTION C**

nationalgrid
National Grid plc, Warwick Technology Park, Parkway Hill, Warwick, CV34 6DA

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FIGURE No.	DRAWING No.	SCALE
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SHEET 3 of 8		ISSUE
		A

NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT)
ENVIRONMENTAL STATEMENT
VOLUME 5.10.3

FLOOD ZONES
SECTION D



Key

Proposed Development

- Order Limits

Existing Infrastructure

- Existing Western Power Distribution 132kV Overhead Line
- Existing Western Power Distribution 132kV Overhead Line for Removal
- Existing Substation

Flood Mapping

- Flood Defences
- Flood Storage Area
- Main Rivers
- Flood Zone 2
- Flood Zone 3

Section Boundary

- Section Boundary

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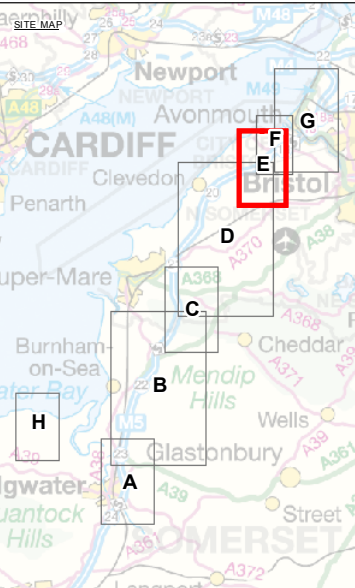
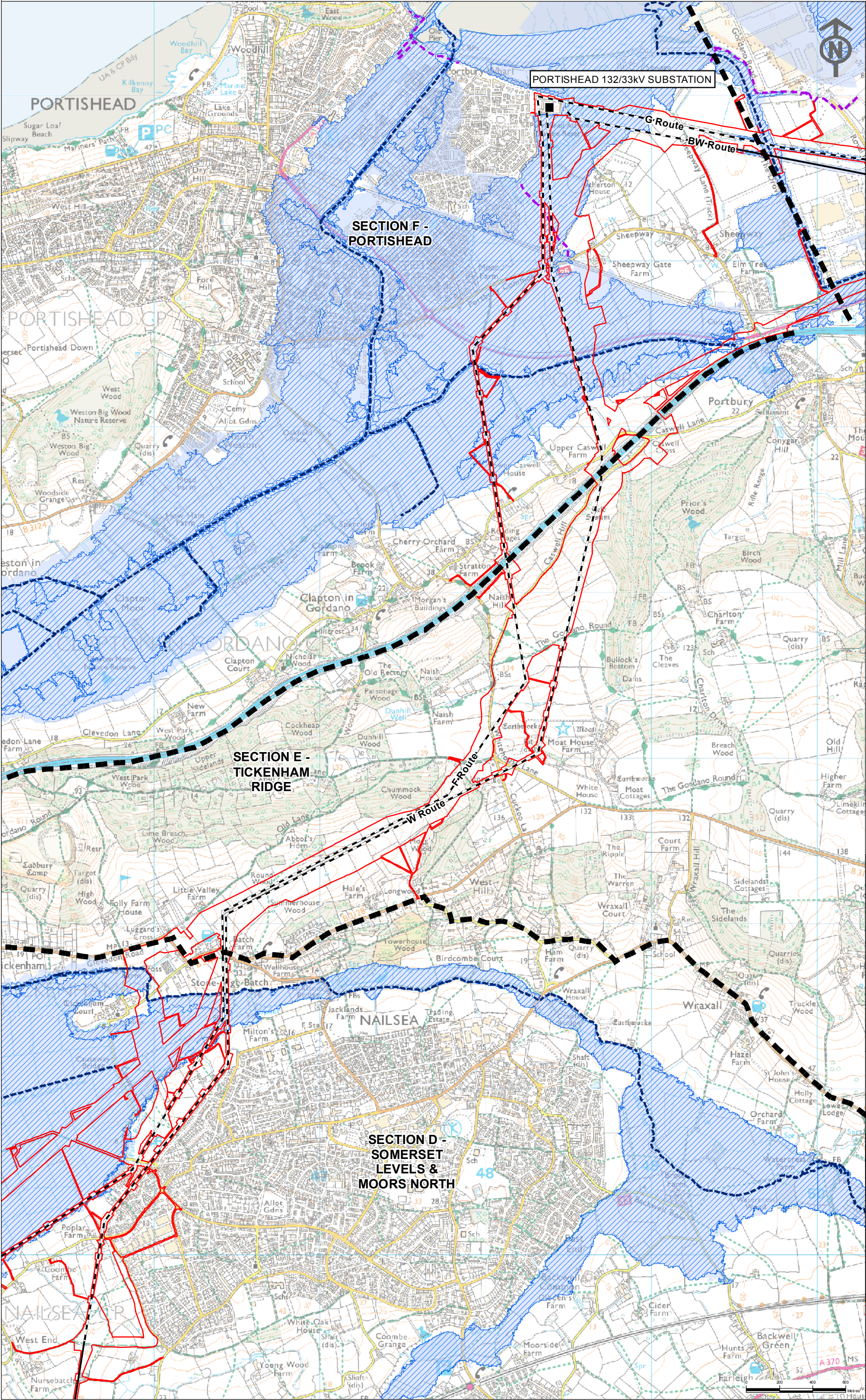
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**FLOOD ZONES
SECTION D**

			
National Grid plc, Warwick Technology Park, Gables Hill, Warwick, CV34 6DA			
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FIGURE No. 10.1.4	DRAWING No. G1979.1751.4F	SCALE 1:45,000	
		ISSUE	
SHEET 4 of 8			A

FLOOD ZONES
SECTION E



Key

Proposed Development

- Order Limits

Existing Infrastructure

- Existing Western Power Distribution 132kV Overhead Line
- Existing Western Power Distribution 132kV Overhead Line for Removal
- Existing Substation

Flood Mapping

- Flood Defences
- Main Rivers
- Flood Zone 2
- Flood Zone 3

Section Boundary

- Section Boundary

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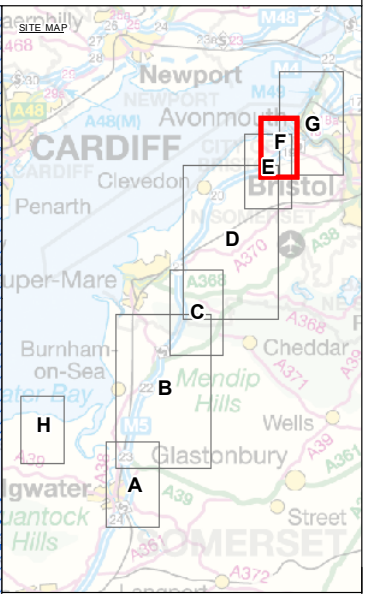
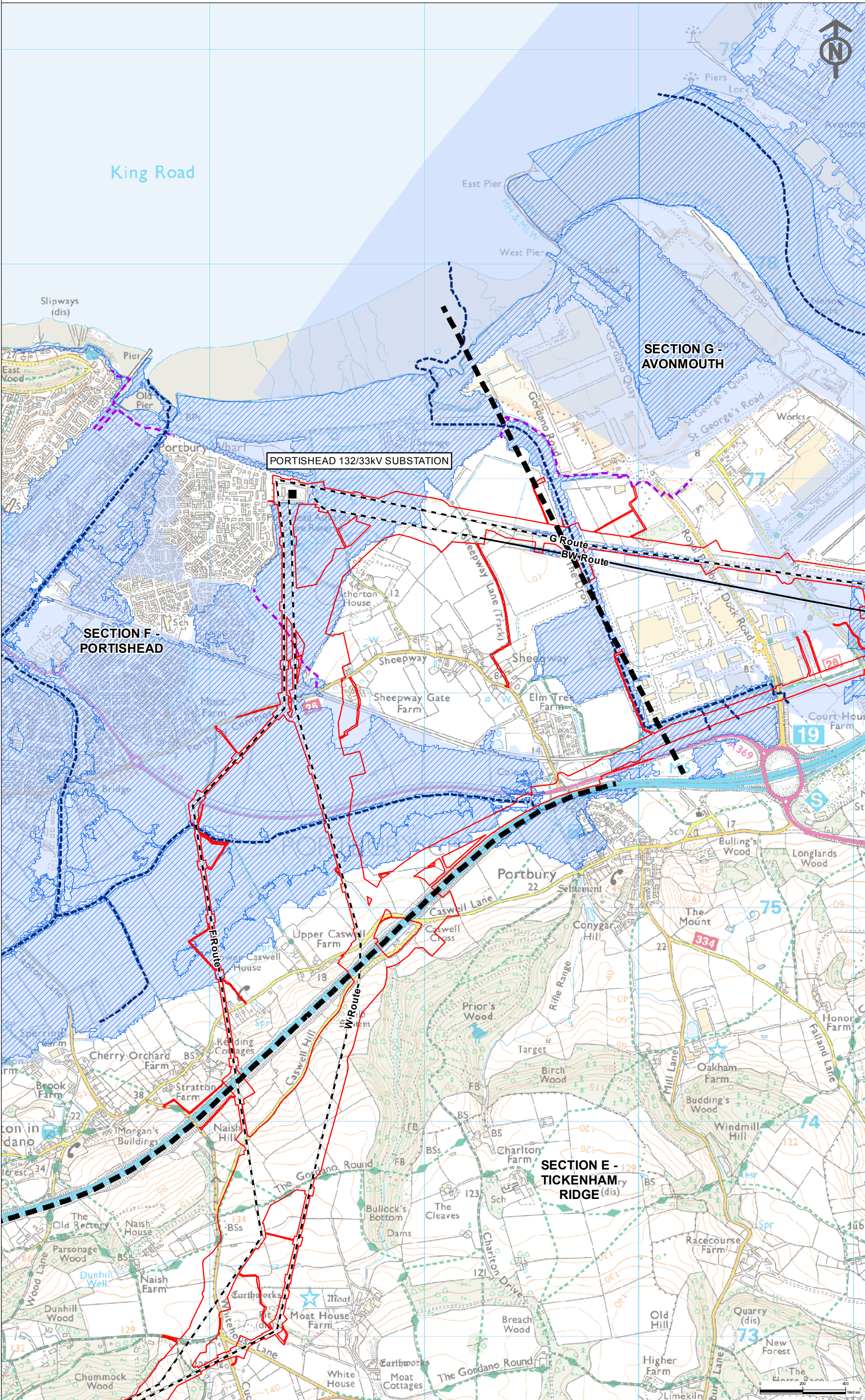
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**FLOOD ZONES
SECTION E**

			
National Grid plc, Warwick Technology Park, Gateway Hill, Warwick, CV34 6DA			
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20897		EN020001	A3
FIGURE No.		DRAWING No.	SCALE
10.1.5		G1979.1751.5F	1:22,000
SHEET 5 of 8			ISSUE
			A



Key

Proposed Development

- Order Limits

Existing Infrastructure

- Existing Western Power Distribution 132kV Overhead Line
- Existing Western Power Distribution 132kV Overhead Line for Removal
- Existing Substation

Flood Mapping

- Flood Defences
- Main Rivers
- Flood Zone 2
- Flood Zone 3

Section Boundary

- Section Boundary

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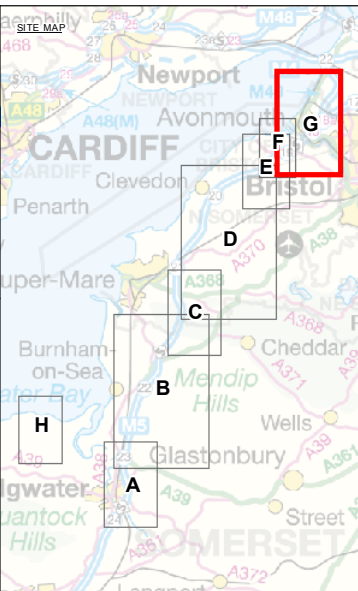
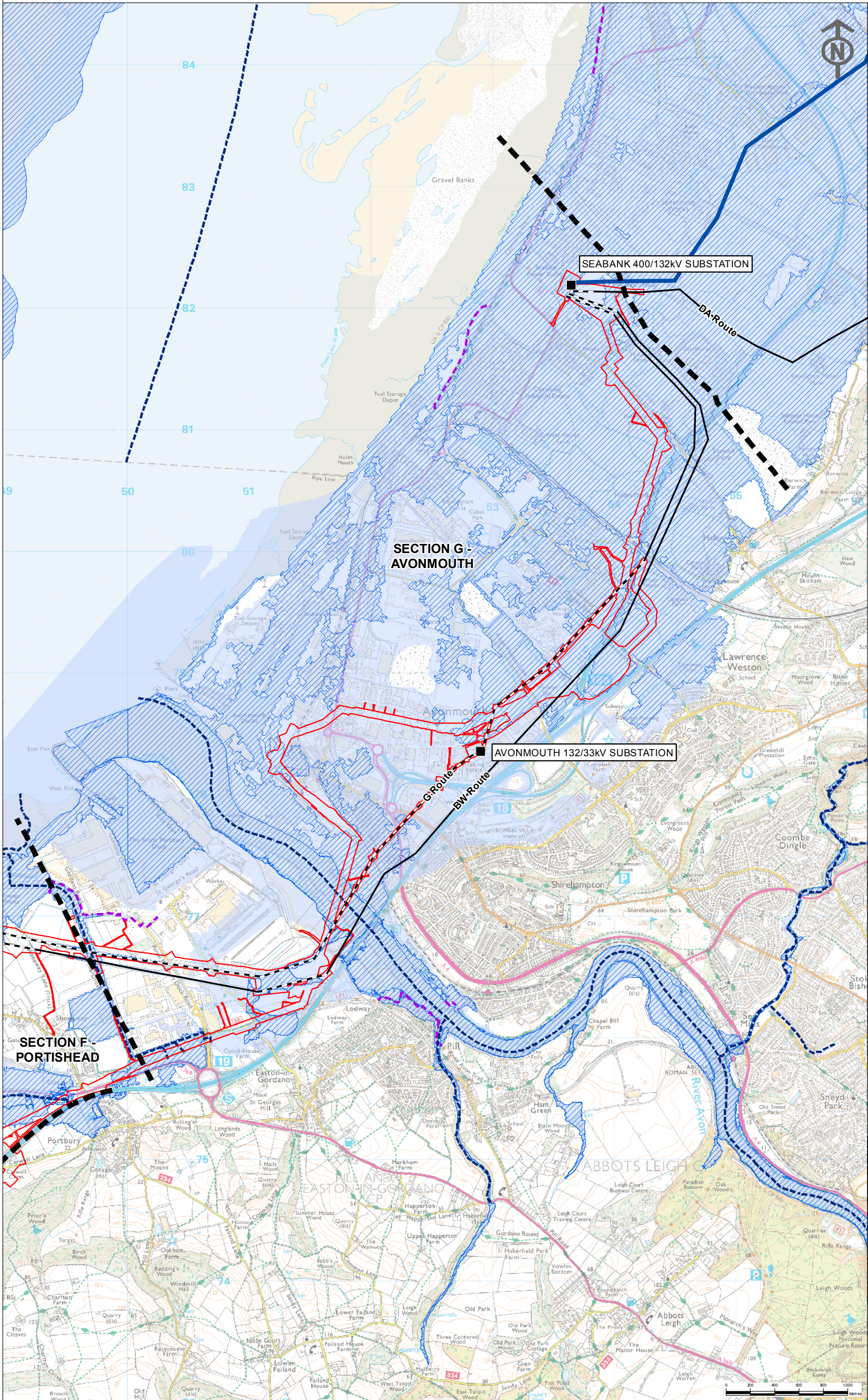
**FLOOD ZONES
SECTION F**

nationalgrid
National Grid plc, Warwick Technology Park, Parkway Hill, Warwick, CV34 6DA

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FIGURE NO.	DRAWING NO.	SCALE 1:17,000
10.1.6	G1979.1751.6F	ISSUE A

SHEET 6 of 8

FLOOD ZONES
SECTION G



Key

Proposed Development

- Order Limits

Existing Infrastructure

- Existing 400kV Overhead Line
- Existing Western Power Distribution 132kV Overhead Line
- Existing Western Power Distribution 132kV Overhead Line for Removal
- Existing Substation

Flood Mapping

- Flood Defences
- Main Rivers
- Flood Zone 2
- Flood Zone 3

Section Boundary

- Section Boundary

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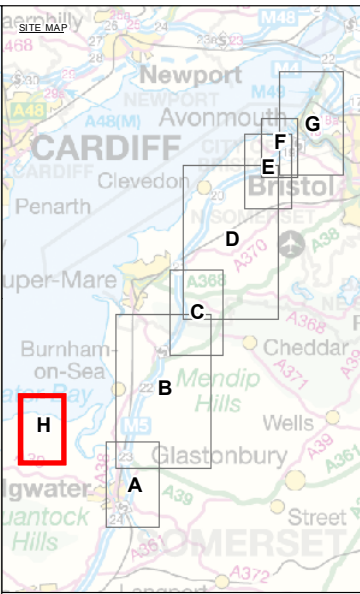
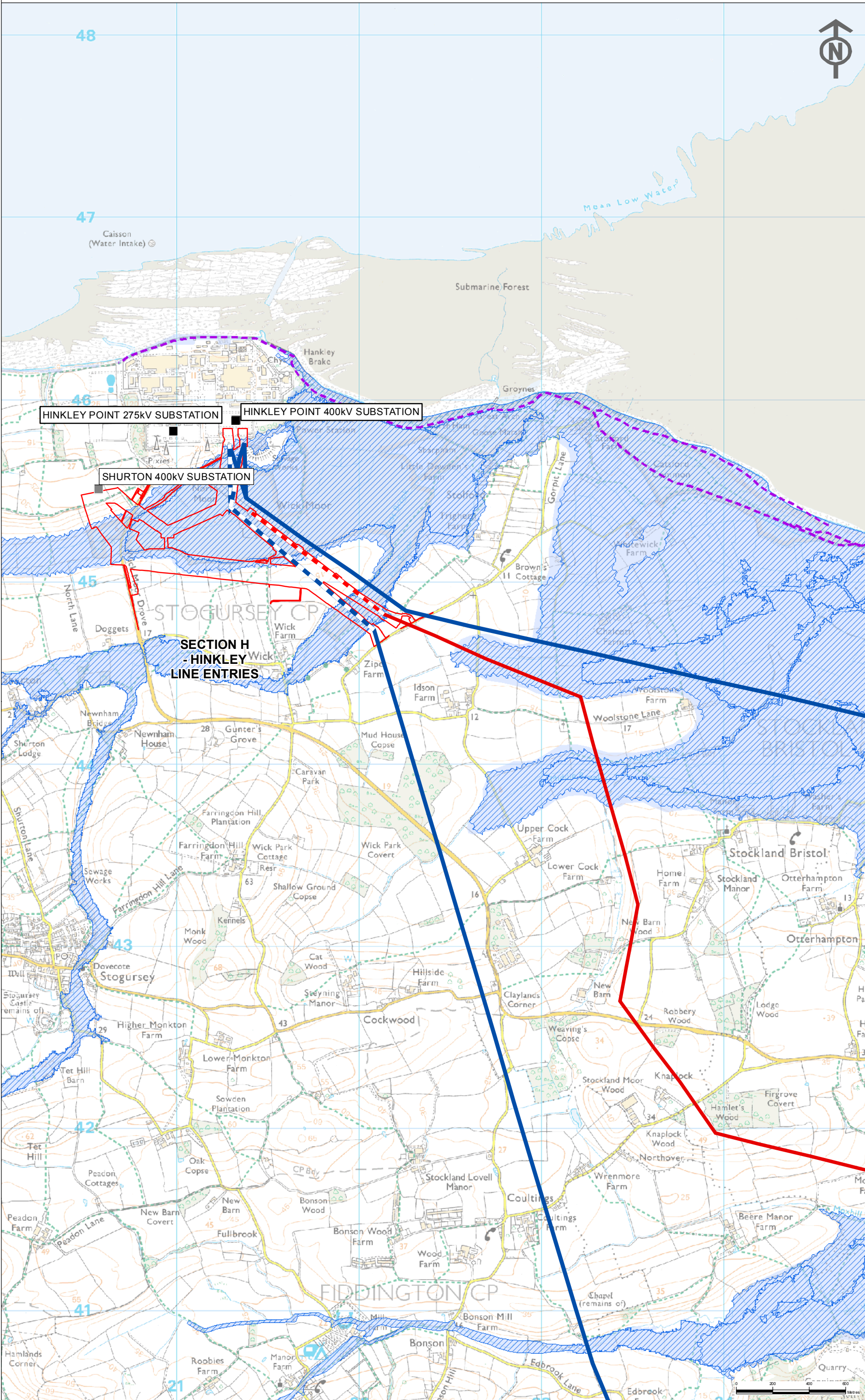
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VOLUME 5.10.3

**FLOOD ZONES
SECTION G**

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FIGURE No.	DRAWING No.	SCALE	
10.1.7	G1979.1751.7F	1:30,000	
		ISSUE	
		A	

FLOOD ZONES
SECTION H



Key

Proposed Development

- Order Limits

Existing Infrastructure

- Existing 400kV Overhead Line
- Existing 275kV Overhead Line
- Existing 400kV Overhead line for Removal
- Existing 275kV Overhead line for Removal
- Existing Substation

Consented Infrastructure

- Shurton 400kV Substation

Flood Mapping

- Flood Defences
- Flood Zone 2
- Flood Zone 3

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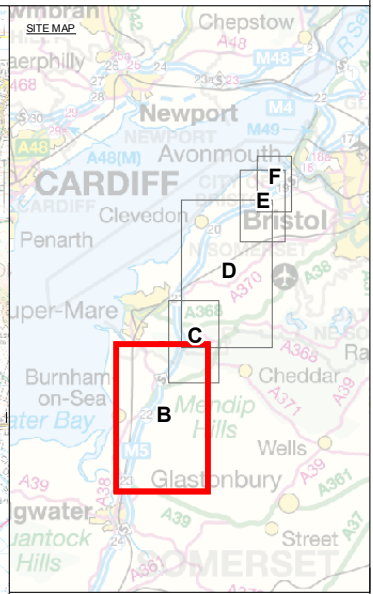
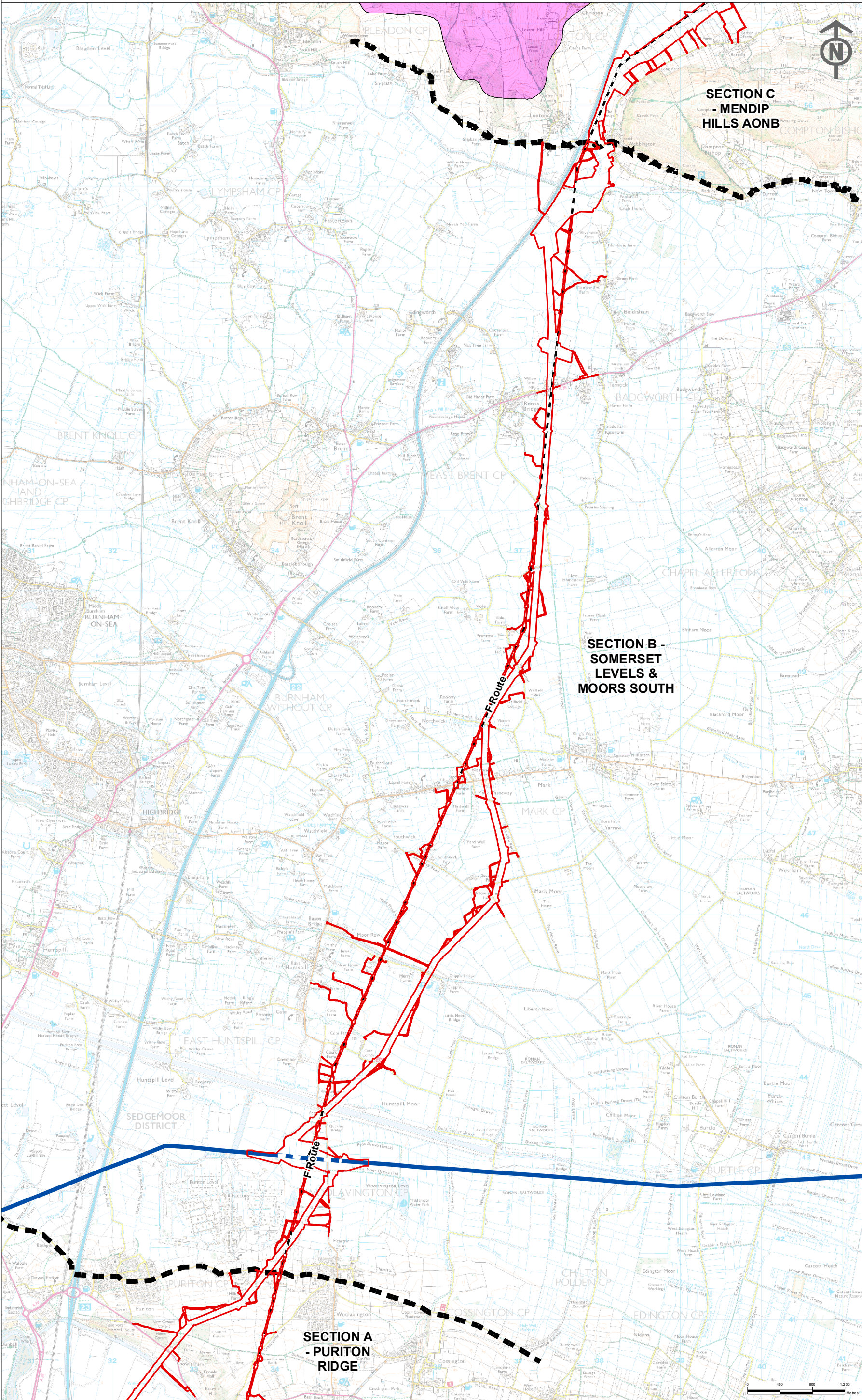
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FLOOD ZONES SECTION H				
nationalgrid				
National Grid plc, Warwick Technology Park, Parkway, Warwick, CV34 6DA				
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20897	EN020001	A3		
FIGURE No.	DRAWING No.	SCALE		
10.1.8	G1979.1751.8F	1:20,000		
SHEET 8 of 8				ISSUE
				A

Figure 10.2 – Source Protection Zones

NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT)
ENVIRONMENTAL STATEMENT
VOLUME 5.10.3

SOURCE PROTECTION ZONES
SECTION B



- Key**
- Proposed Development**
- Order Limits
- Source Protection Zones**
- Source Protection Zone 1 - Inner Protection Zone
 - Source Protection Zone 2 - Outer Protection Zone
 - Source Protection Zone 3 - Source Catchment Protection Zone
- Existing Infrastructure**
- Existing 400kV Overhead Line
 - Existing 400kV Overhead line to be Removed
 - Existing Western Power Distribution 132kV Overhead Line
 - Existing Western Power Distribution 132kV Overhead Line for Removal
- Section Boundary**
- Section Boundary

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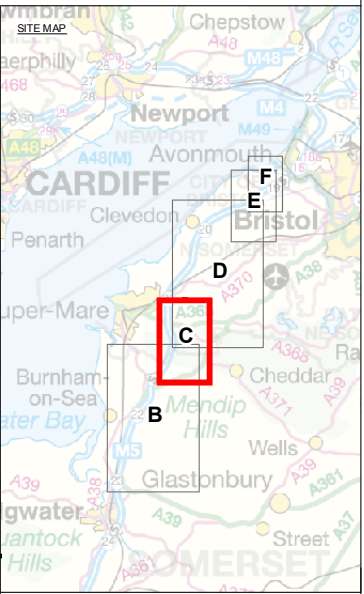
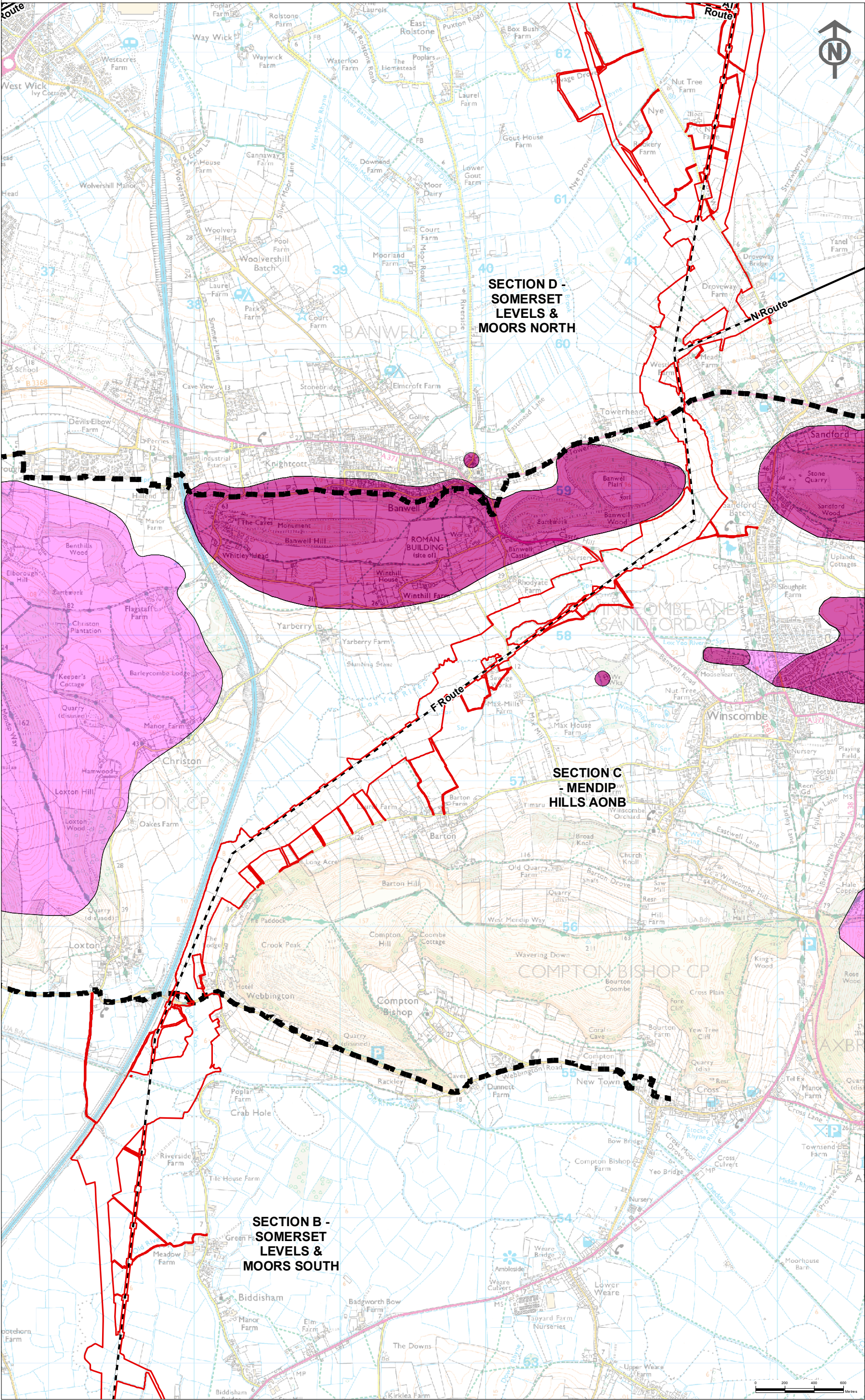
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CONNECTION PROJECT)
ENVIRONMENTAL STATEMENT
VOLUME 5.10.3

**SOURCE PROTECTION ZONES
SECTION B**

nationalgrid		nationalgrid	
National Grid plc, Vantage Technology Park, Gateshead, Tyne and Wear, NE11 9AB		National Grid plc, Vantage Technology Park, Gateshead, Tyne and Wear, NE11 9AB	
NG INVESTMENT No.	APPLICATION No.	GIS	
20897	EN020001	A3	
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SHEET 1 of 5		ISSUE	
		A	

NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT)
ENVIRONMENTAL STATEMENT
VOLUME 5.10.3

SOURCE PROTECTION ZONES
SECTION C



- Key**
- Proposed Development**
- Order Limits
- Source Protection Zones**
- Source Protection Zone 1 - Inner Protection Zone
 - Source Protection Zone 2 - Outer Protection Zone
 - Source Protection Zone 3 - Source Catchment Protection Zone
- Existing Infrastructure**
- Existing Western Power Distribution 132kV Overhead Line
 - Existing Western Power Distribution 132kV Overhead Line for Removal
- Section Boundary**
- Section Boundary

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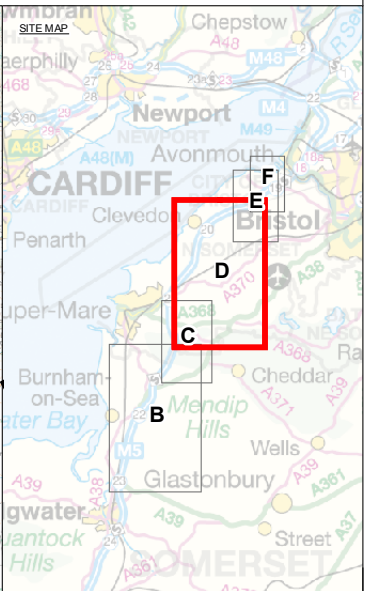
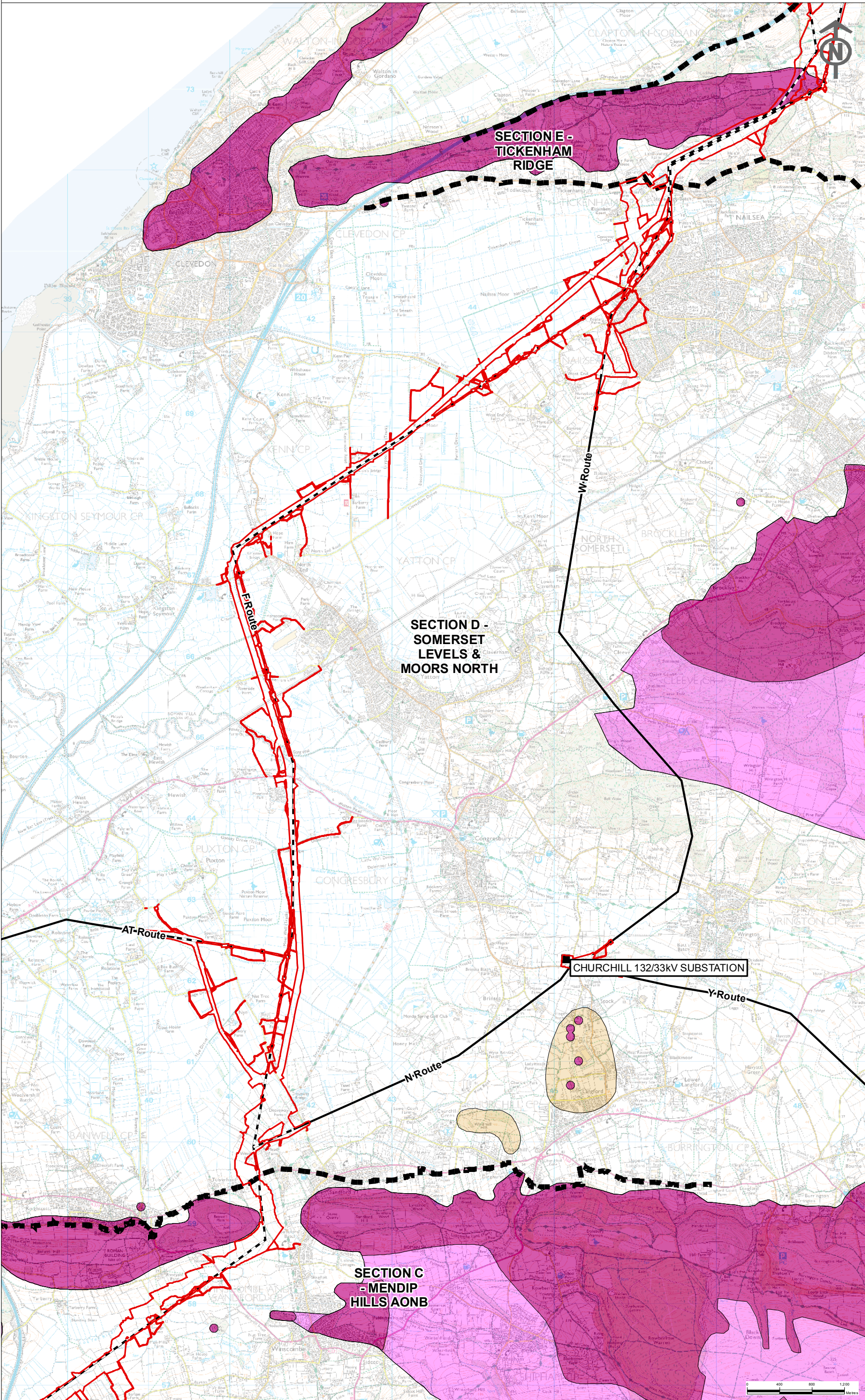
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ENVIRONMENTAL STATEMENT
VOLUME 5.10.3

**SOURCE PROTECTION ZONES
SECTION C**

nationalgrid <small>National Grid plc, Weymouth Technology Park, Glaston 160, Weymouth, Dorset DT9 8DA</small>			GIS	
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20897	EN020001			
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SHEET 2 of 5			ISSUE	
			A	

NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT)
ENVIRONMENTAL STATEMENT
VOLUME 5.10.3

SOURCE PROTECTION ZONES
SECTION D



- Key**
- Proposed Development**
- Order Limits
- Source Protection Zones**
- Source Protection Zone 1 - Inner Protection Zone
 - Source Protection Zone 2 - Outer Protection Zone
 - Source Protection Zone 3 - Source Catchment Protection Zone
- Existing Infrastructure**
- Existing Western Power Distribution 132kV Overhead Line
 - Existing Western Power Distribution 132kV Overhead Line for Removal
 - Existing Substation
- Section Boundary**
- Section Boundary

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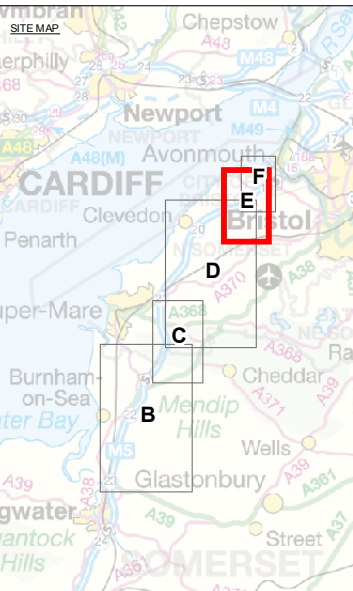
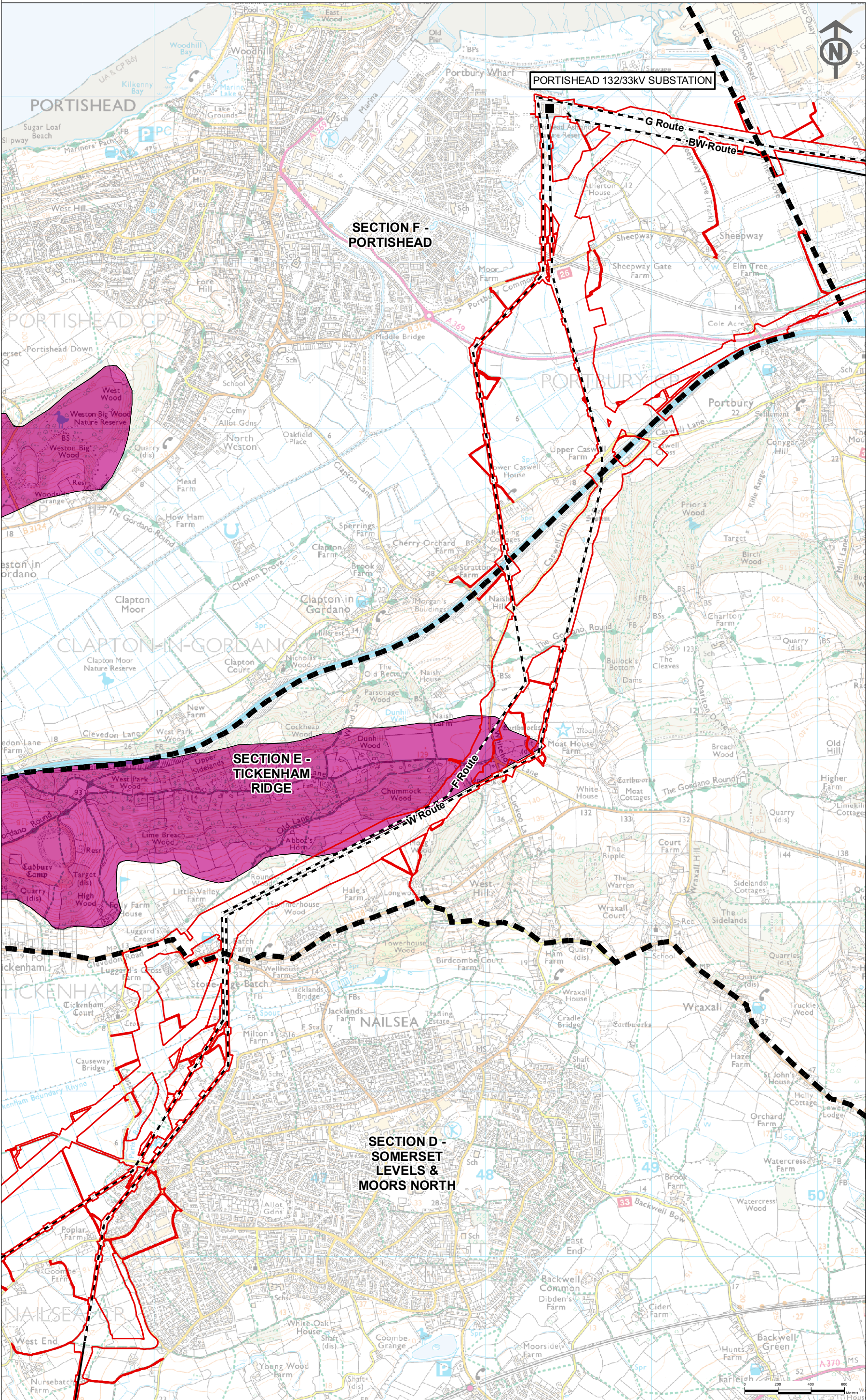
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VOLUME 5.10.3

**SOURCE PROTECTION ZONES
SECTION D**

nationalgrid		GIS	
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20897	EN020001	SCALE	
FIGURE No.	DRAWING No.	1:45,000	
10.2.3	G1979.1753.3G	ISSUE	
SHEET 3 of 5		A	



Key

Proposed Development

- Order Limits

Source Protection Zones

- Source Protection Zone 1 - Inner Protection Zone
- Source Protection Zone 2 - Outer Protection Zone
- Source Protection Zone 3 - Source Catchment Protection Zone

Existing Infrastructure

- Existing Western Power Distribution 132kV Overhead Line
- Existing Western Power Distribution 132kV Overhead Line for Removal
- Existing Substation

Section Boundary

- Section Boundary

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VOLUME 5.10.3

**SOURCE PROTECTION ZONES
SECTION E**

nationalgrid <small>National Grid plc, Weymouth Technology Park, Grafton Way, Weymouth, Dorset DT9 8DA</small>			GIS
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FIGURE No.	DRAWING No.		SCALE
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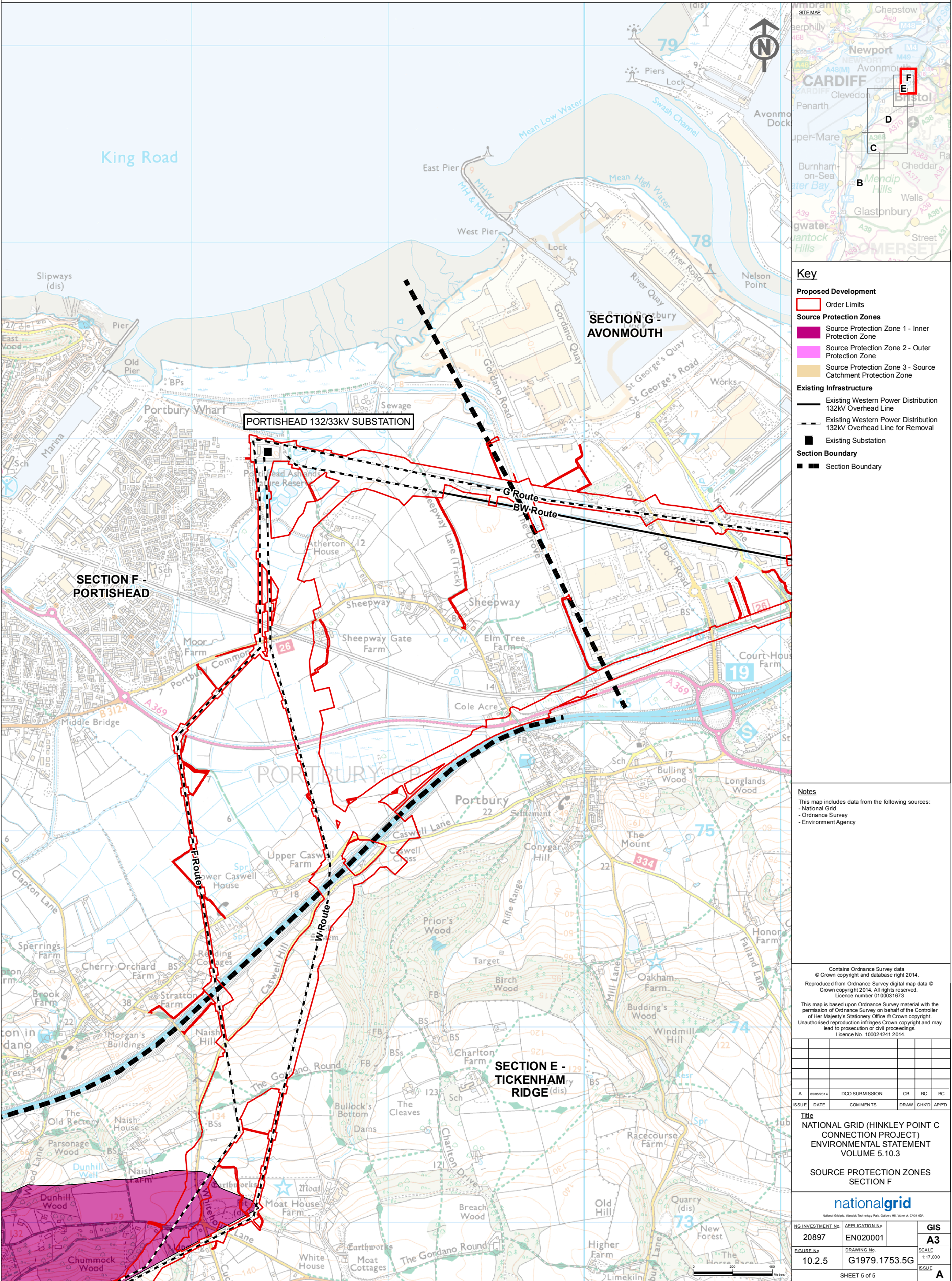
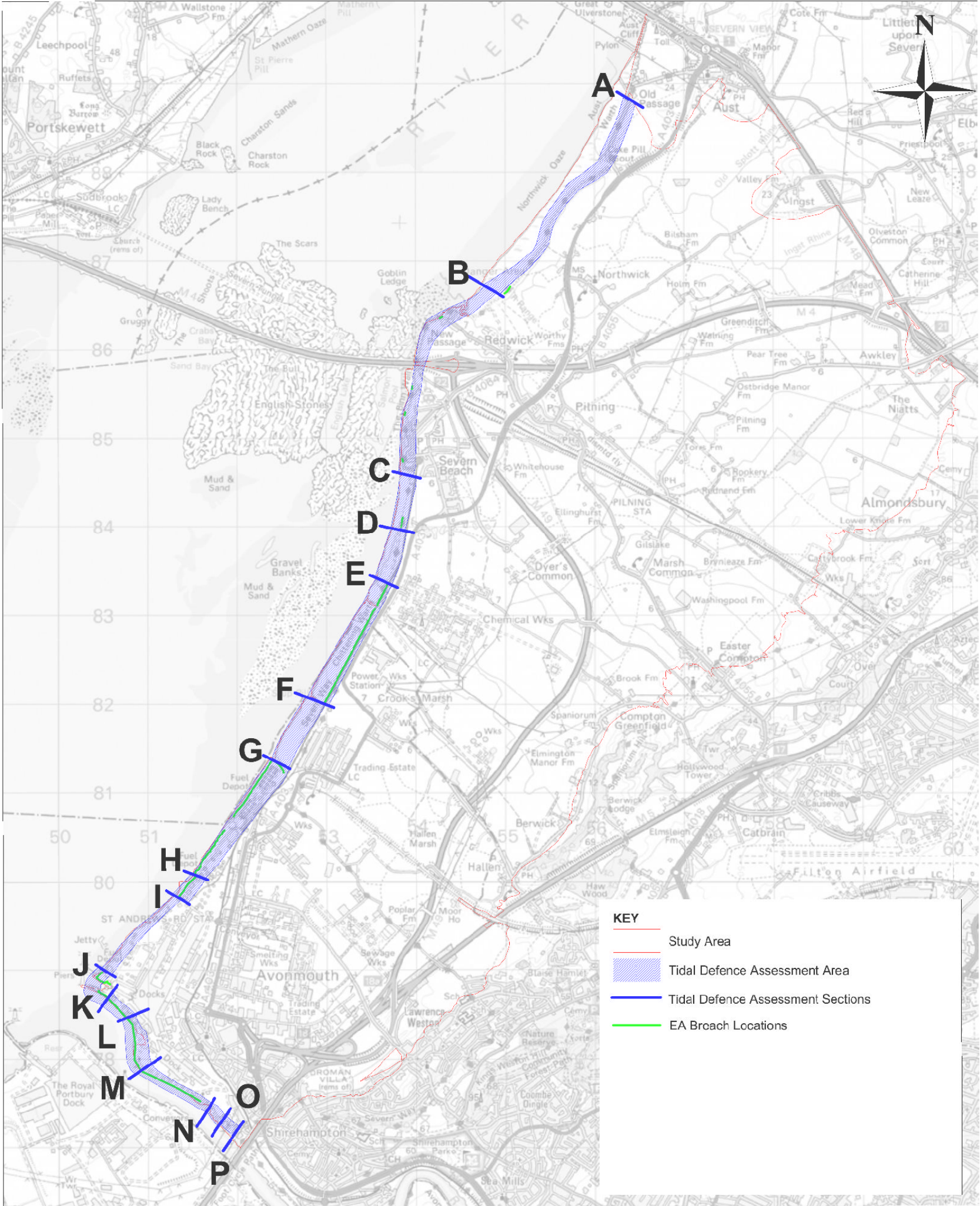
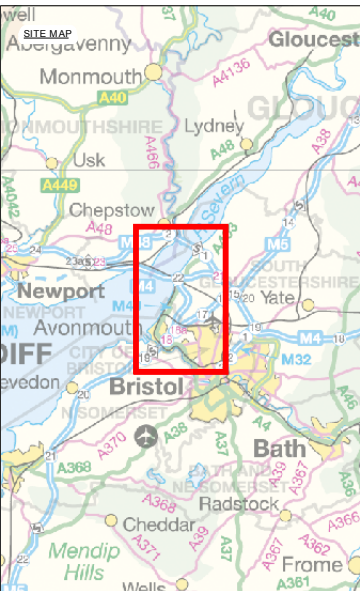


Figure 10.3 – Avonmouth and Severnside Flood Defences



Notes
This map contains information from the following sources:
- National Grid
- Ordnance Survey
- Environment Agency

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AVONMOUTH AND SEVERNSIDE
FLOOD DEFENCES

nationalgrid <small>National Grid plc, Weymouth Technology Park, Grafton Way, Weymouth, Dorset DT98 3DA</small>		
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FIGURE No. 10.3	DRAWING No. G1979.1754F	SCALE 1:50,000
SHEET 1 OF 1		ISSUE A

