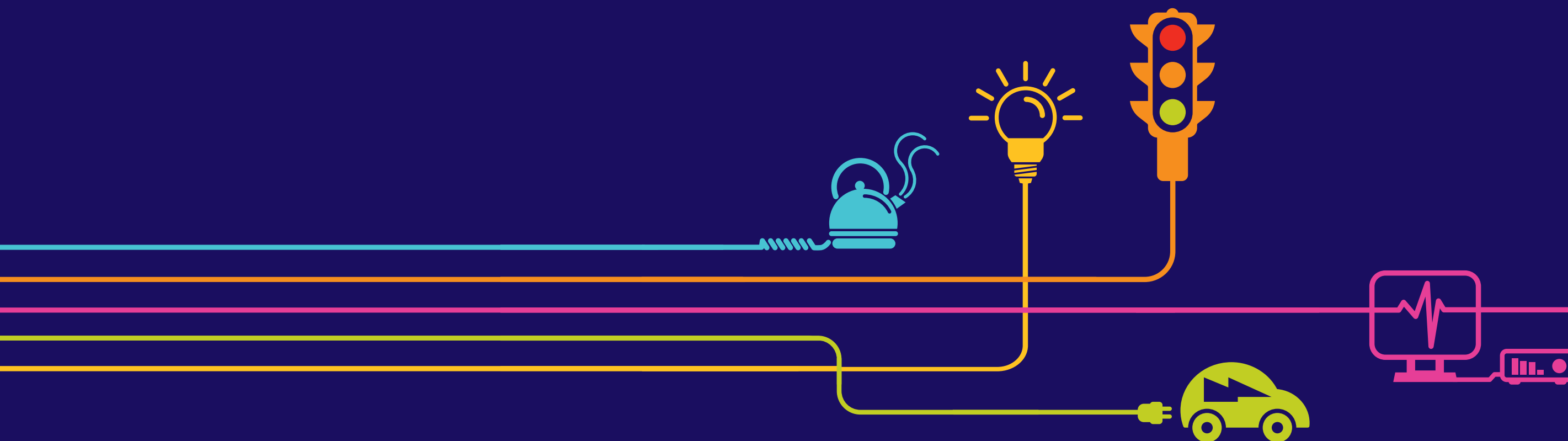


Environmental Statement Project Need and Alternatives Figure 2.4

Hinkley Point C Connection Project

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



Environmental Statement

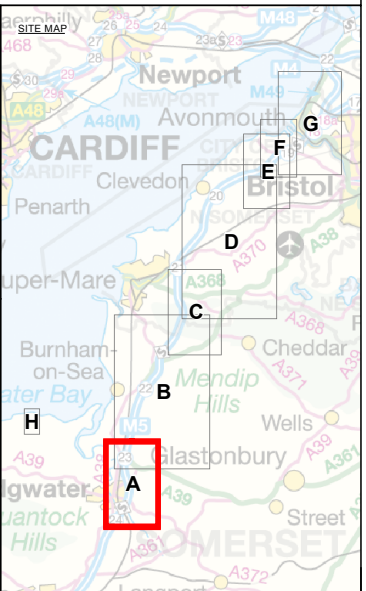
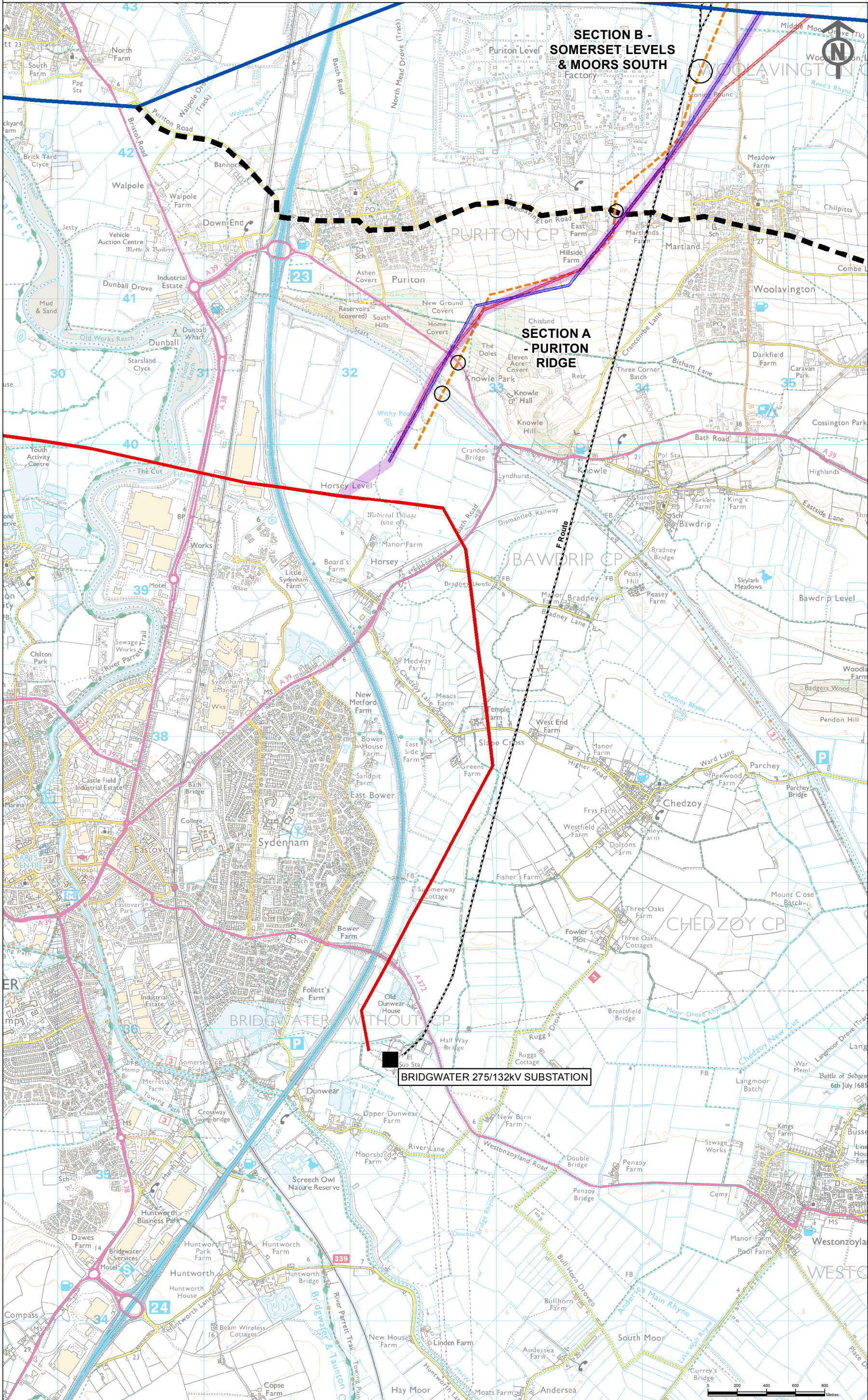
Hinkley Point C Connection Project

5.2.3 – Project Need and Alternatives – Figures (orange highlight indicates the contents of this Volume)

Figure	Title
Volume 5.2.3.1	
2.1	Study Area and Route Corridors
2.2	Preferred Route Corridor
2.3	Sections Considered in the Connections Options Report
Volume 5.2.3.2	
2.4	Connections Options Report Route Alignments and Hinkley Line Entries Draft Alignment Options
Volume 5.2.3.3	
2.5	Connections Options Report – Draft Route
2.6	Cable Sealing End Compound Sites – Bridgwater Tee Options
2.7	Cable Sealing End Compound Sites Considered South and North of the Mendip Hills Area of Outstanding Natural Beauty
2.8	Substation Siting Study Area
2.9	AT Route Connection Study Area, Route Corridors, Preferred Route Corridor and Preferred Alignment
2.10	Churchill, W and Y Route Options
2.11	N Route Options into Sandford Substation
Volume 5.2.3.4	
2.12	W Route Options
2.13	W Route Preferred Option
2.14	The Proposed Development (Preliminary Environmental Information Report)
Volume 5.2.3.5	
2.15	Section A Horsey Level to Woolavington Level
2.16	Section A Bridgwater Tee Cable Sealing End Compound
2.17	Section B Mark and Southwick
2.18	Section B Tarnock
2.19	Section D Sandford to Puxton
2.20	Section D Southwest of Nailsea
2.21	Section D West of Nailsea
2.22	Section E Tickenham Ridge
2.23	Section F M5 to Portishead Substation
2.24	Portishead Substation
2.25	Section G River Avon Crossing
2.26	Section G River Avon Crossing
2.27	Section G Avonmouth
2.28	Section G Avonmouth
2.29	Section G Severnside
2.30	Section G Seabank

Figure 2.4 – Connections Options Report Route Alignments and Hinkley Line Entries Draft Alignment Options

NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT)
ENVIRONMENTAL STATEMENT
VOLUME 5.1.2
CONNECTION OPTIONS REPORT
- ROUTE ALIGNMENTS
SECTION A



Key

- Connection Options Report - Route Alignments
- Blue Route Overhead Line Alignment
 - Red Route Overhead Line Alignment
 - Green Route Overhead Line Alignment
 - Special Engineering Difficulties
 - Underground Cable Route
- Draft Route from Connections Option Report
- Draft Route (Overhead Line)
- Existing Infrastructure
- Existing 400kV Overhead Line
 - Existing 275kV Overhead Line
 - 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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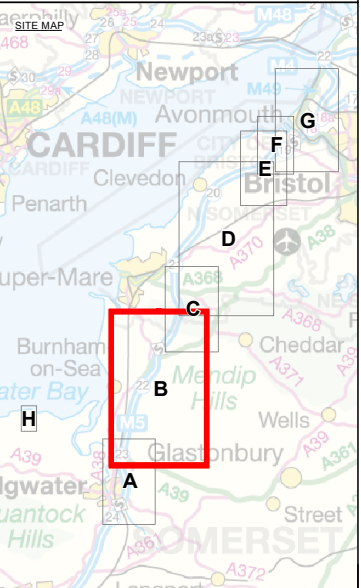
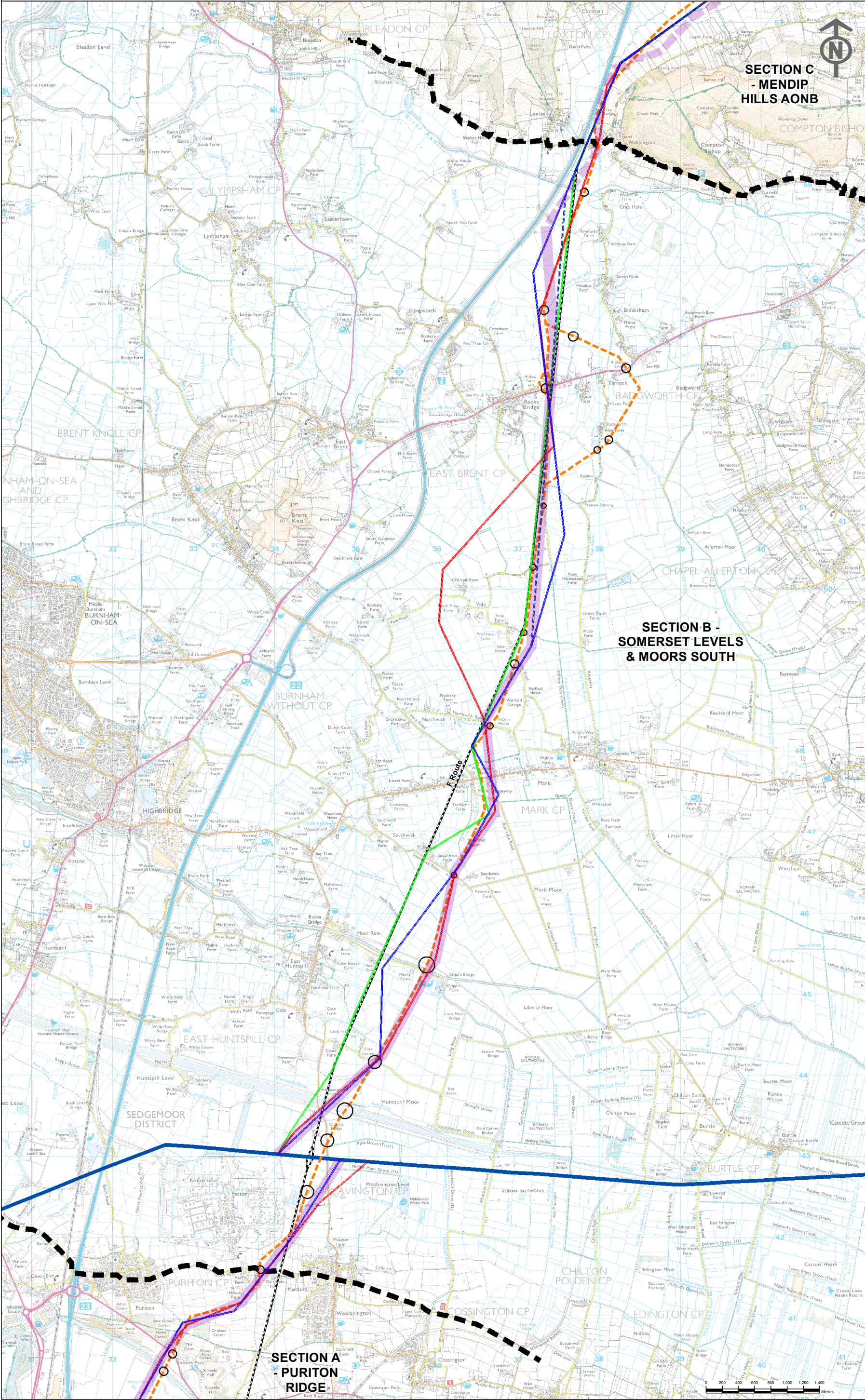
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SECTION A

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- ROUTE ALIGNMENTS
SECTION B



Key

Connection Options Report - Route Alignments

- Blue Route Overhead Line Alignment
- Blue Route Overhead Line Alignment (Alternative Route)
- Red Route Overhead Line Alignment
- Green Route Overhead Line Alignment
- Special Engineering Difficulties
- Underground Cable Route

Draft Route from Connections Option Report

- Draft Route (Overhead Line)
- Draft Route (Underground Cable)

Existing Infrastructure

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

Section Boundary

- Section Boundary

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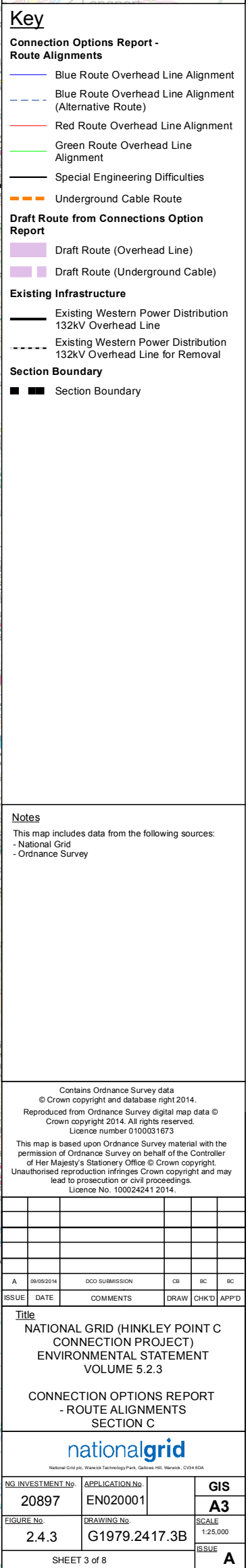
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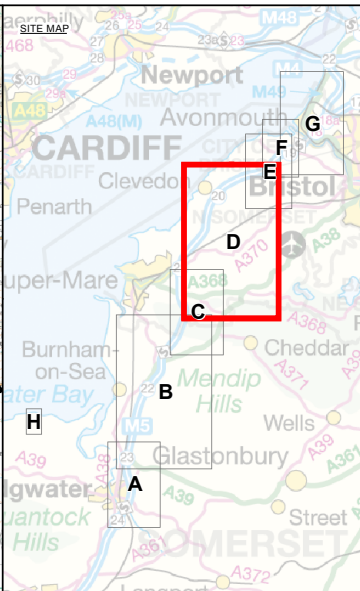
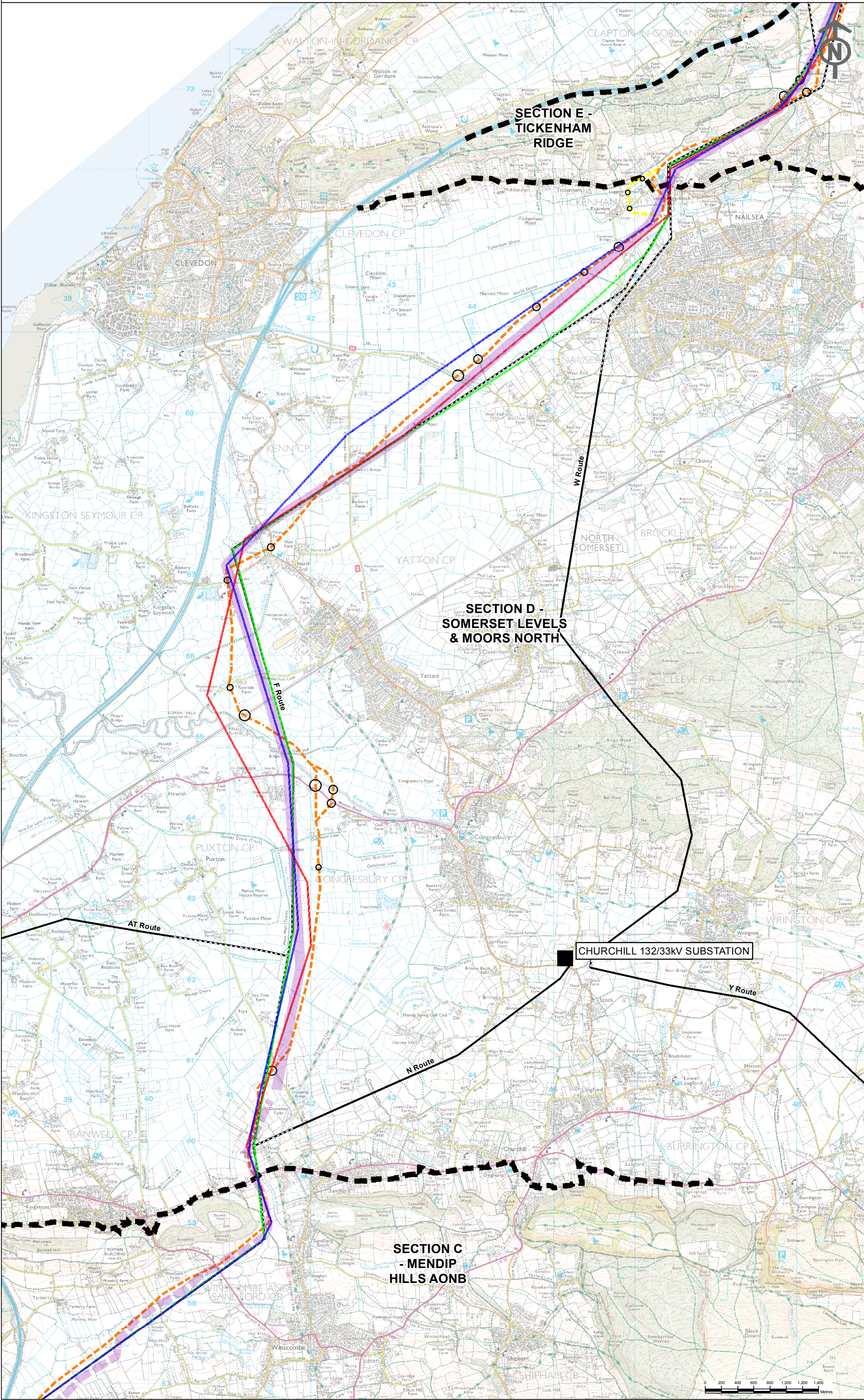
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- ROUTE ALIGNMENTS
SECTION B**

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CONNECTION OPTIONS REPORT
- ROUTE ALIGNMENTS
SECTION D



- Key**
- Connection Options Report - Route Alignments**
- Blue Route Overhead Line Alignment
 - Red Route Overhead Line Alignment
 - Green Route Overhead Line Alignment
 - Special Engineering Difficulties
 - Underground Cable Route (Alternative Route)
 - Underground Cable Route
- Draft Route from Connections Option Report**
- Draft Route (Overhead Line)
 - Draft Route (Underground Cable)
- 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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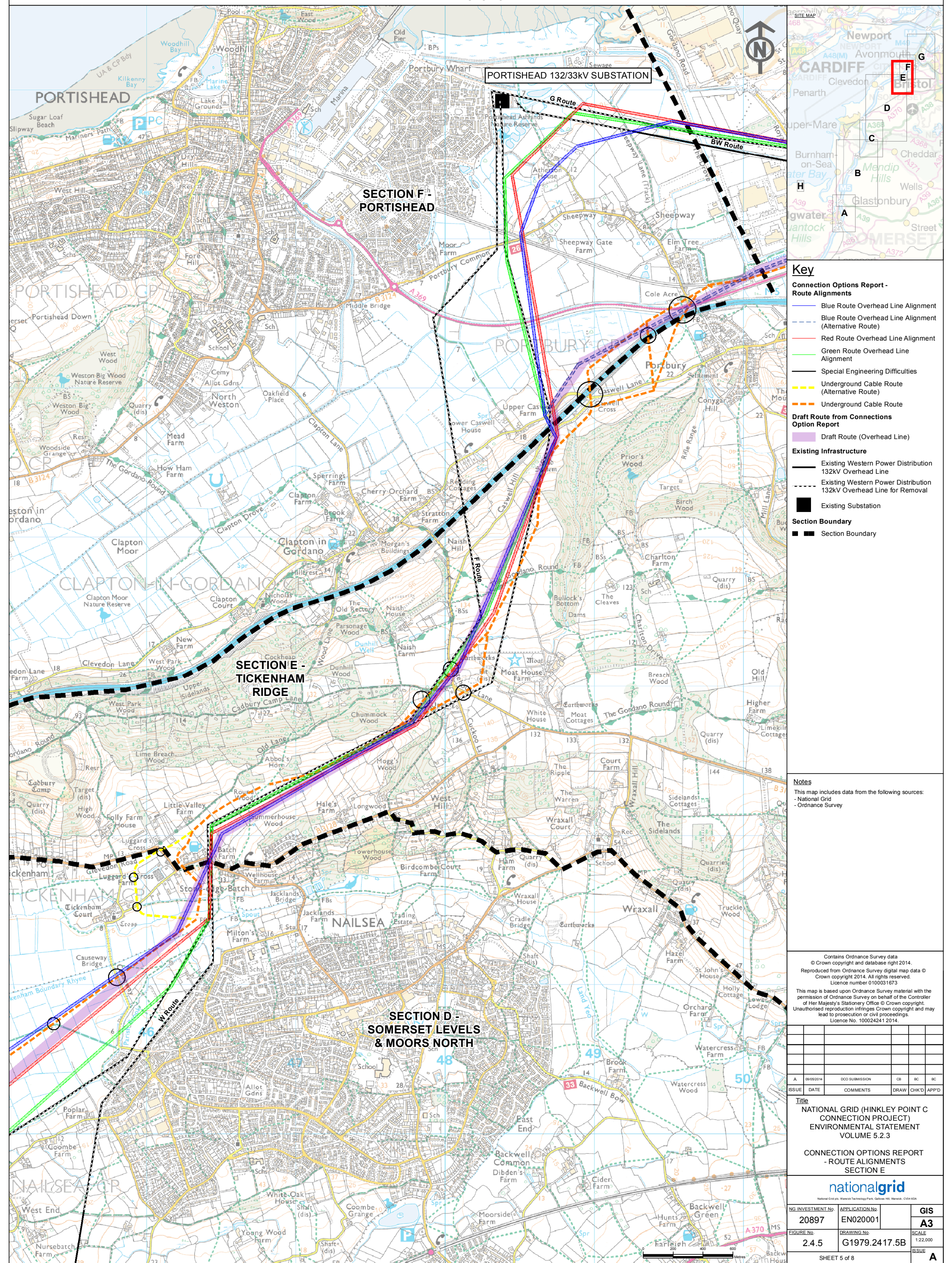
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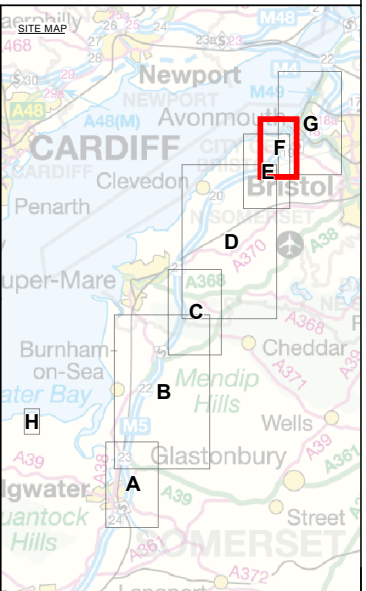
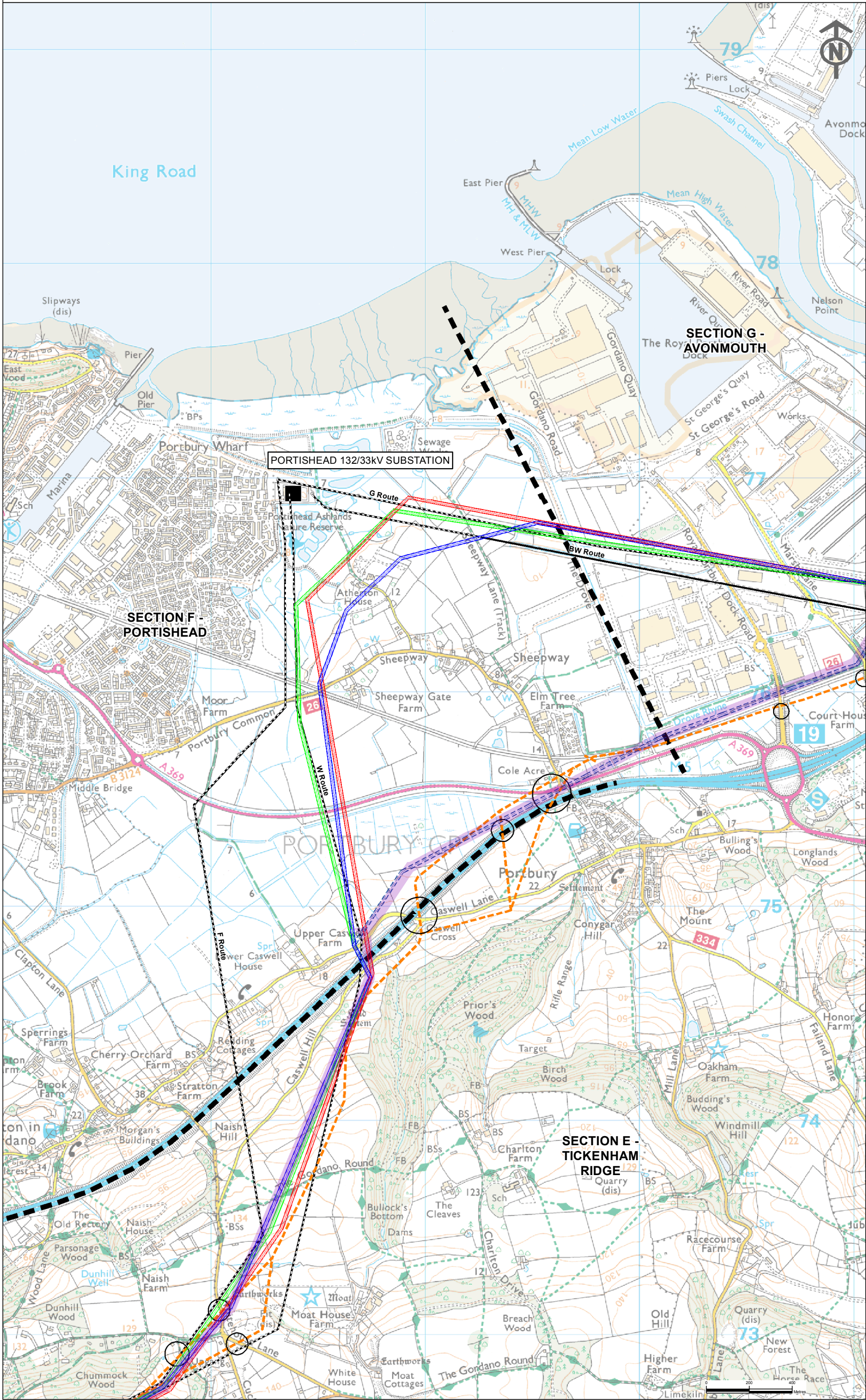
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NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT)
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CONNECTION OPTIONS REPORT
- ROUTE ALIGNMENTS
SECTION F



Key

Connection Options Report - Route Alignments

- Blue Route Overhead Line Alignment
- Blue Route Overhead Line Alignment (Alternative Route)
- Red Route Overhead Line Alignment
- Green Route Overhead Line Alignment
- Special Engineering Difficulties
- Underground Cable Route

Draft Route from Connections Option Report

- Draft Route (Overhead Line)

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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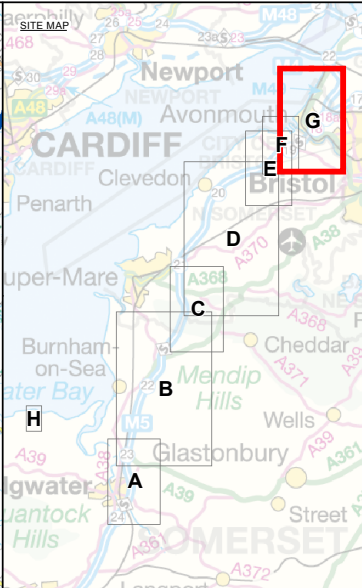
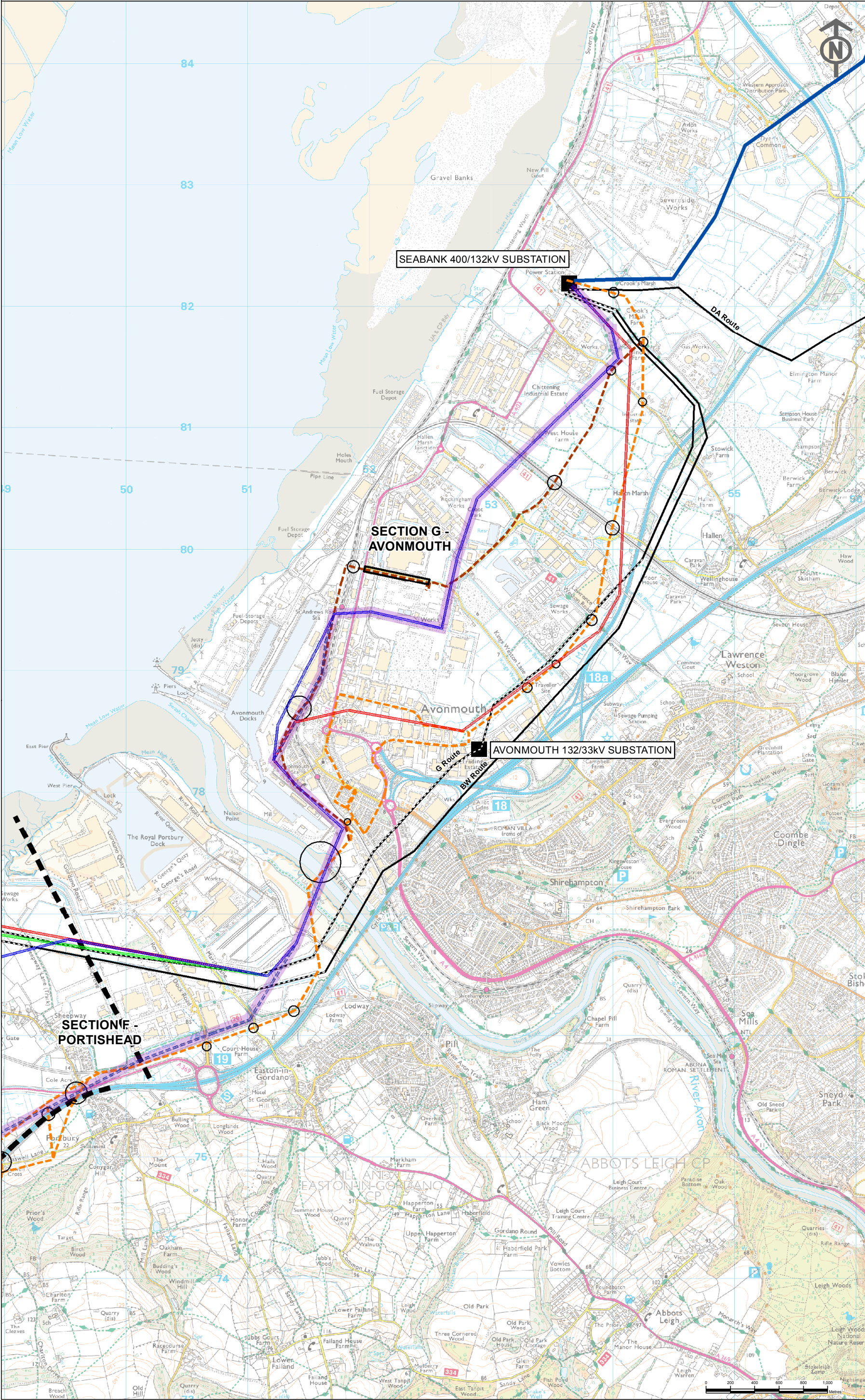
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NATIONAL GRID (HINKLEY POINT C CONNECTION PROJECT)
ENVIRONMENTAL STATEMENT
VOLUME 5.1.2
CONNECTION OPTIONS REPORT
- ROUTE ALIGNMENTS
SECTION G



Key

- Connection Options Report - Route Alignments**
- Blue Route Overhead Line Alignment
 - Blue Route Overhead Line Alignment (Alternative Route)
 - Red Route Overhead Line Alignment
 - Green Route Overhead Line Alignment
 - Special Engineering Difficulties
 - Underground Cable Route (Avonmouth Route 2)
 - Underground Cable Route
- Draft Route from Connections Option Report**
- Draft Route (Overhead Line)
- Existing Infrastructure**
- Existing 400kV Overhead Line
 - 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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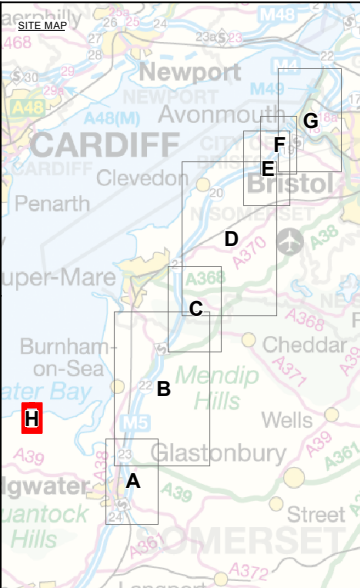
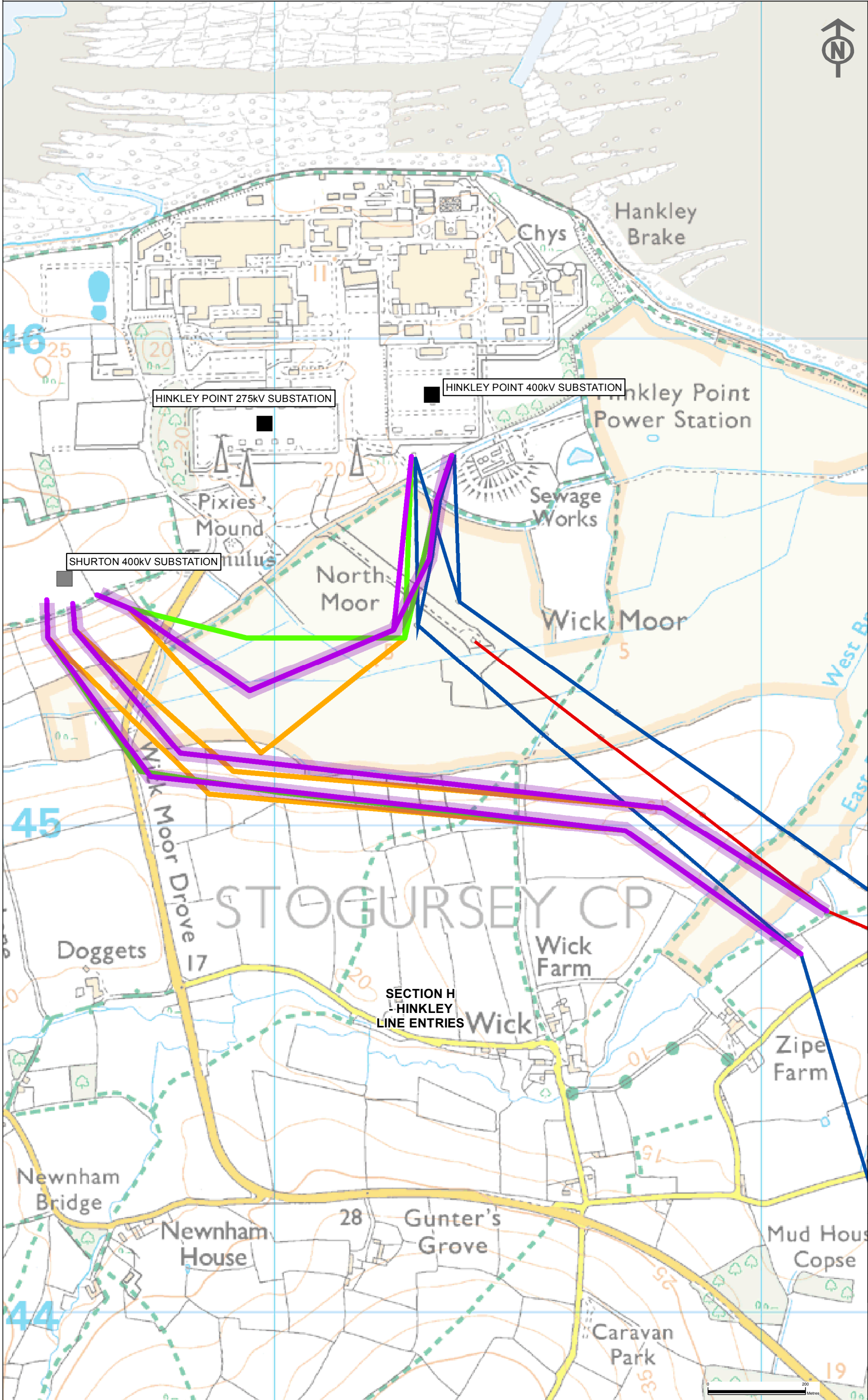
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HINKLEY LINE ENTRIES
- DRAFT ALIGNMENT OPTIONS
SECTION H



Key

Hinkley Line Entries - Overhead Line Options

- Overhead Line Route - Option 3
- Overhead Line Route - Option 4
- Overhead Line Route - Option 5

Draft Route from Connections Option Report

- Draft Route (Overhead Line)

Existing Infrastructure

- Existing 400kV Overhead Line
- Existing 275kV Overhead Line
- Existing Substation

Consented Infrastructure

- Shurton 400kV Substation

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- DRAFT ALIGNMENT OPTIONS
SECTION H

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