

Rampion 2 Wind Farm

Category 6: Environmental Statement

Volume 3, Chapter 21: Noise and Vibration – Figures

Date: August 2023

Revision A

Document Reference: 6.3.21

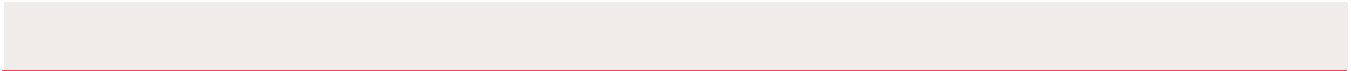
Pursuant to: APFP Regulation 5 (2) (a)

Ecodoc number: 004884768-01



Document revisions

Revision	Date	Status/reason for issue	Author	Checked by	Approved by
A	04/08/2023	Final for DCO Application	WSP	RED	RED

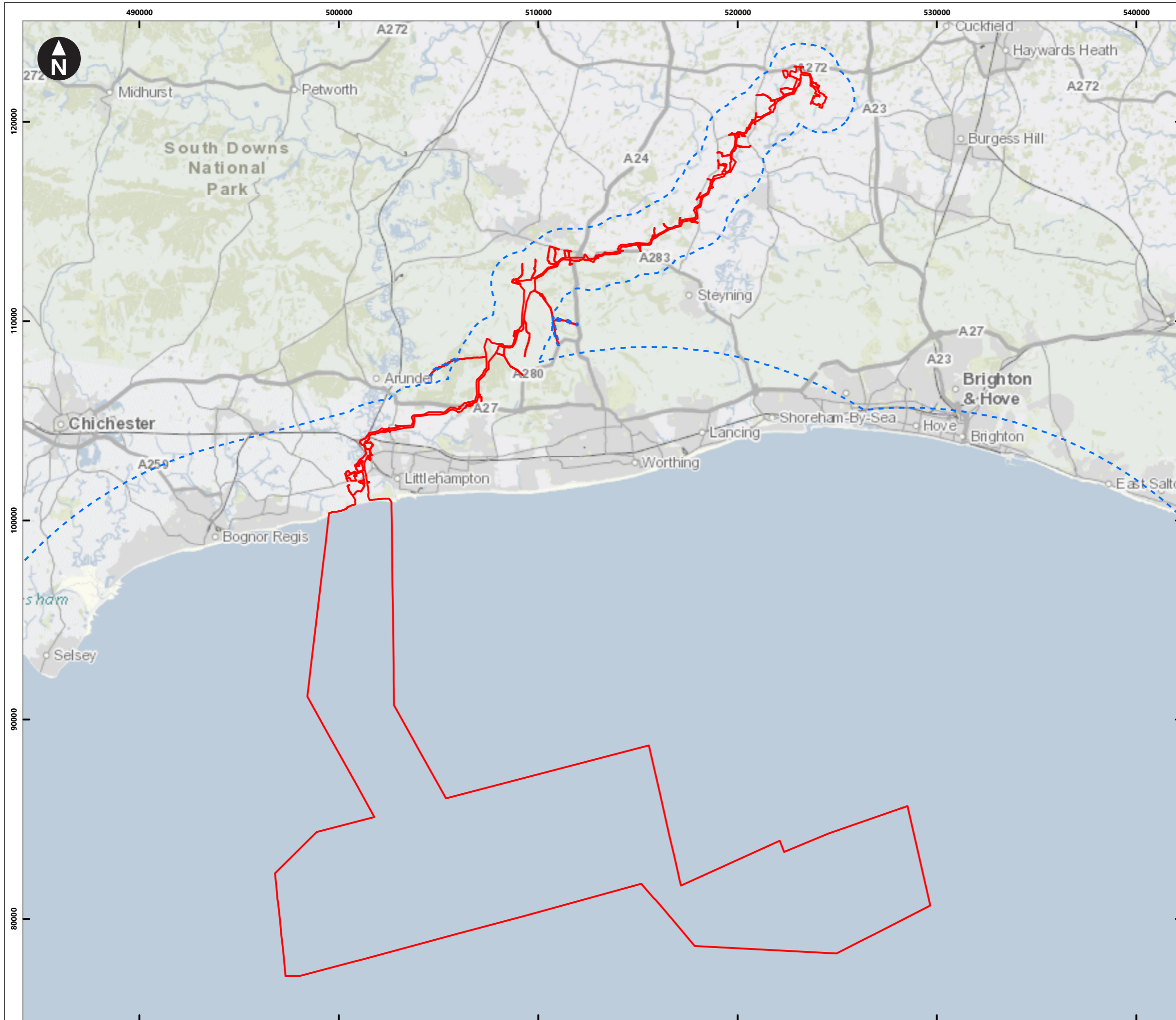


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Key

- Proposed DCO Order Limits
- Noise and vibration Study Area

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 Kilometres
 1:184,710
 British National Grid Transverse Mercator

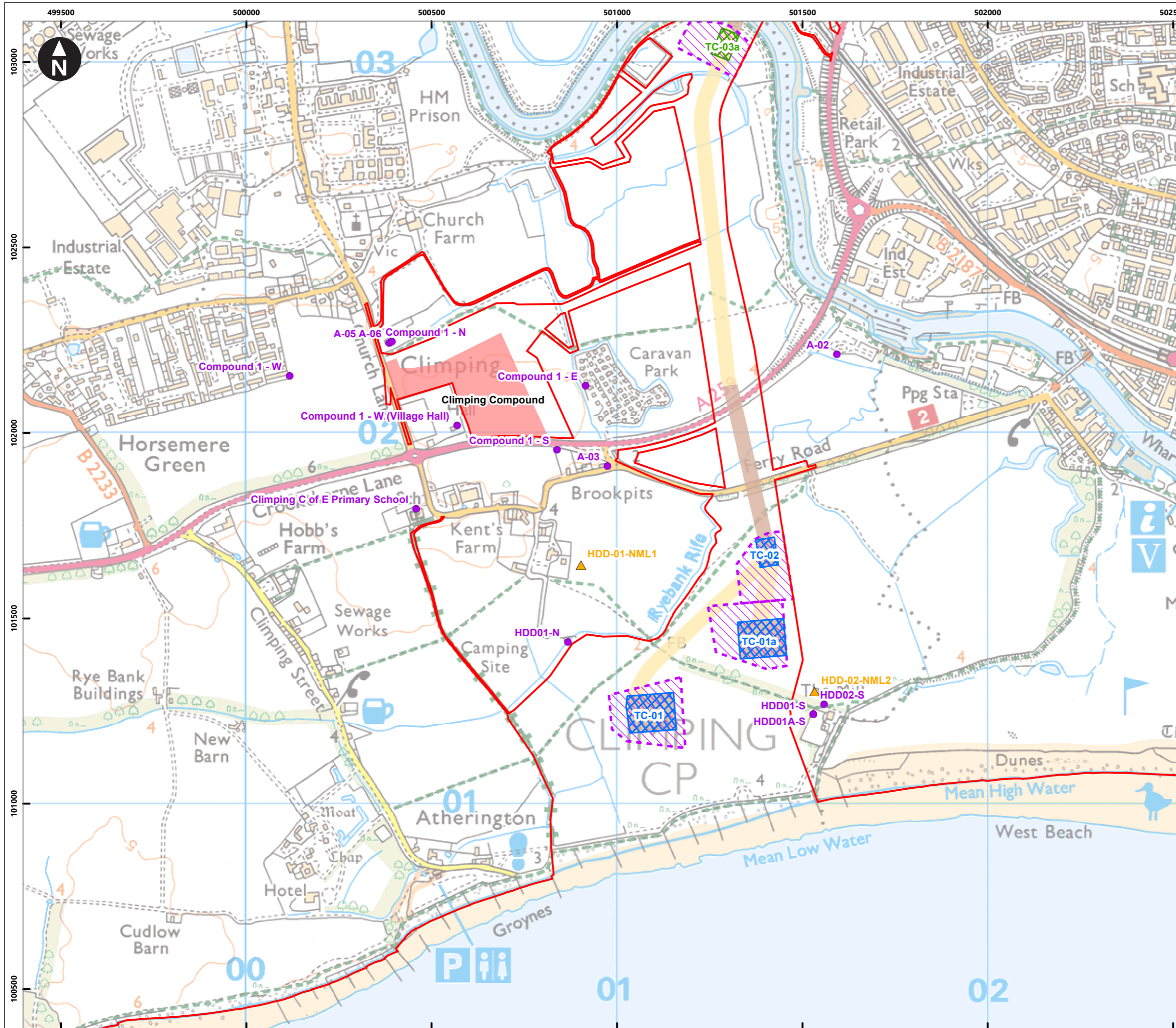
Rampion Extension Development

Rampion 2 Offshore Wind Farm

Figure 21.1 Noise and vibration Study Area

Environmental Statement

System Identifier: 42285-WSPE-ES-ON-FG-ON-5964		Version: 1.0
Company: WSP	Drawn By: COLLJ	Chk/Aprvd: EVANM
Drawn Date: 28/07/2023	Status: FINAL	



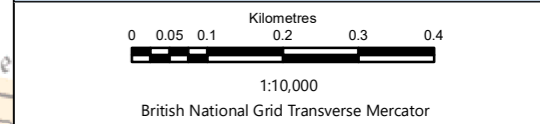
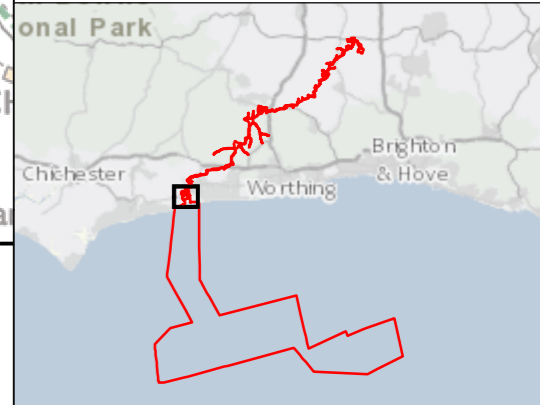
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Key

- Proposed DCO Order Limits
- ▲ Monitoring locations
- Receptor locations
- Trenchless Crossing (TC) compounds
- Trenchless Crossing (TC) compound alternatives
- Trenchless Crossing (TC) limits of deviation
- Temporary construction compound

Proposed onshore cable construction corridor

- Indicative trenchless section
- Indicative open cut section



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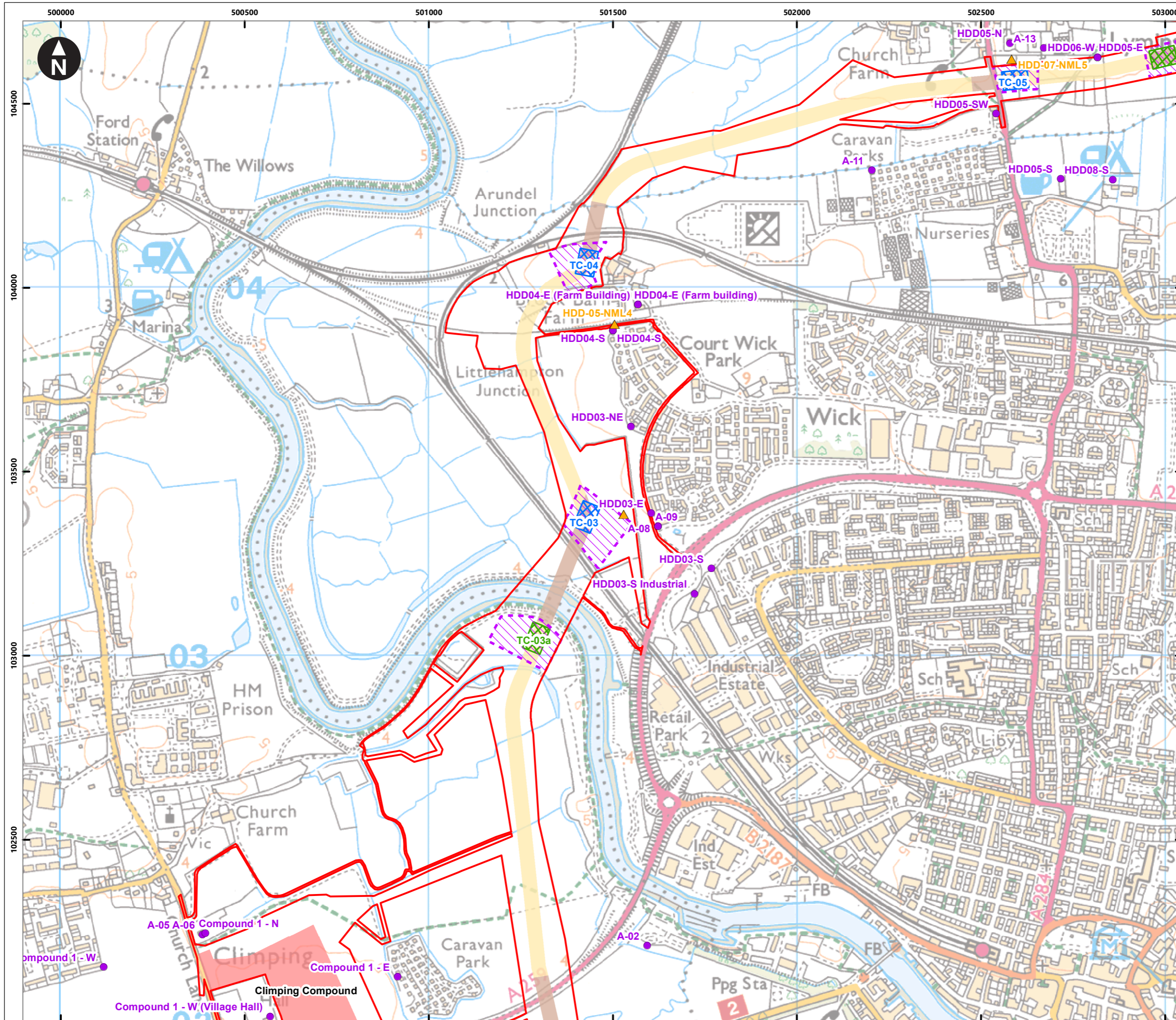


Rampion 2 Offshore Wind Farm

Figure 21.2a Monitoring and Receptor locations

Environmental Statement

System Identifier: 42285-WSPE-ES-ON-FG-ON-6985		Version: 1.0
Company: WSP	Drawn By: COLLJ	Chk/Aprvd: EVANM
Drawn Date: 27/07/2023	Status: FINAL	



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Key

- Proposed DCO Order Limits
- Monitoring locations
- Receptor locations
- Trenchless Crossing (TC) compounds
- Trenchless Crossing (TC) compound alternatives
- Trenchless Crossing (TC) limits of deviation
- Temporary construction compound

Proposed onshore cable construction corridor

- Indicative trenchless section
- Indicative open cut section

0 0.05 0.1 0.2 0.3 0.4
 Kilometres
 1:10,000
 British National Grid Transverse Mercator

Rampion Extension Development

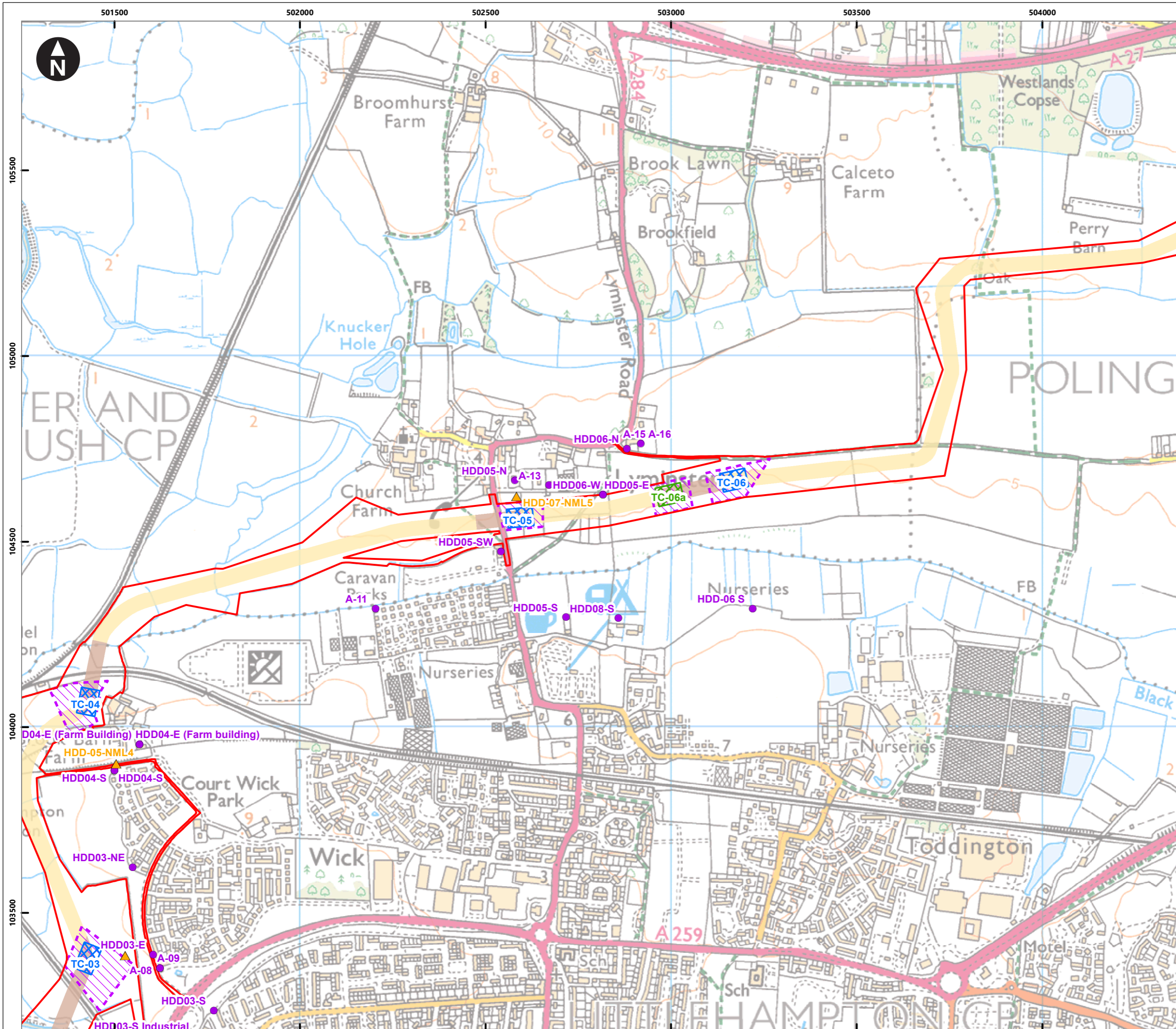
Rampion 2 WIND FARM

Rampion 2 Offshore Wind Farm

Figure 21.2b Monitoring and Receptor locations

Environmental Statement

System Identifier:	Version:			
42285-WSPE-ES-ON-FG-ON-6985	1.0			
Company:	Drawn By:	Chk/Prvrd:	Drawn Date:	Status:
WSP	COLLJ	EVANM	27/07/2023	FINAL



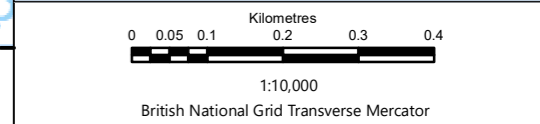
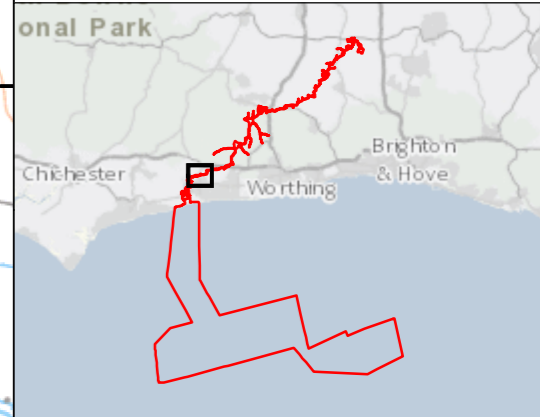
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Key

- Proposed DCO Order Limits
- ▲ Monitoring locations
- Receptor locations
- Trenchless Crossing (TC) compounds
- Trenchless Crossing (TC) compound alternatives
- Trenchless Crossing (TC) limits of deviation

Proposed onshore cable construction corridor

- Indicative trenchless section
- Indicative open cut section



Rampion Extension Development

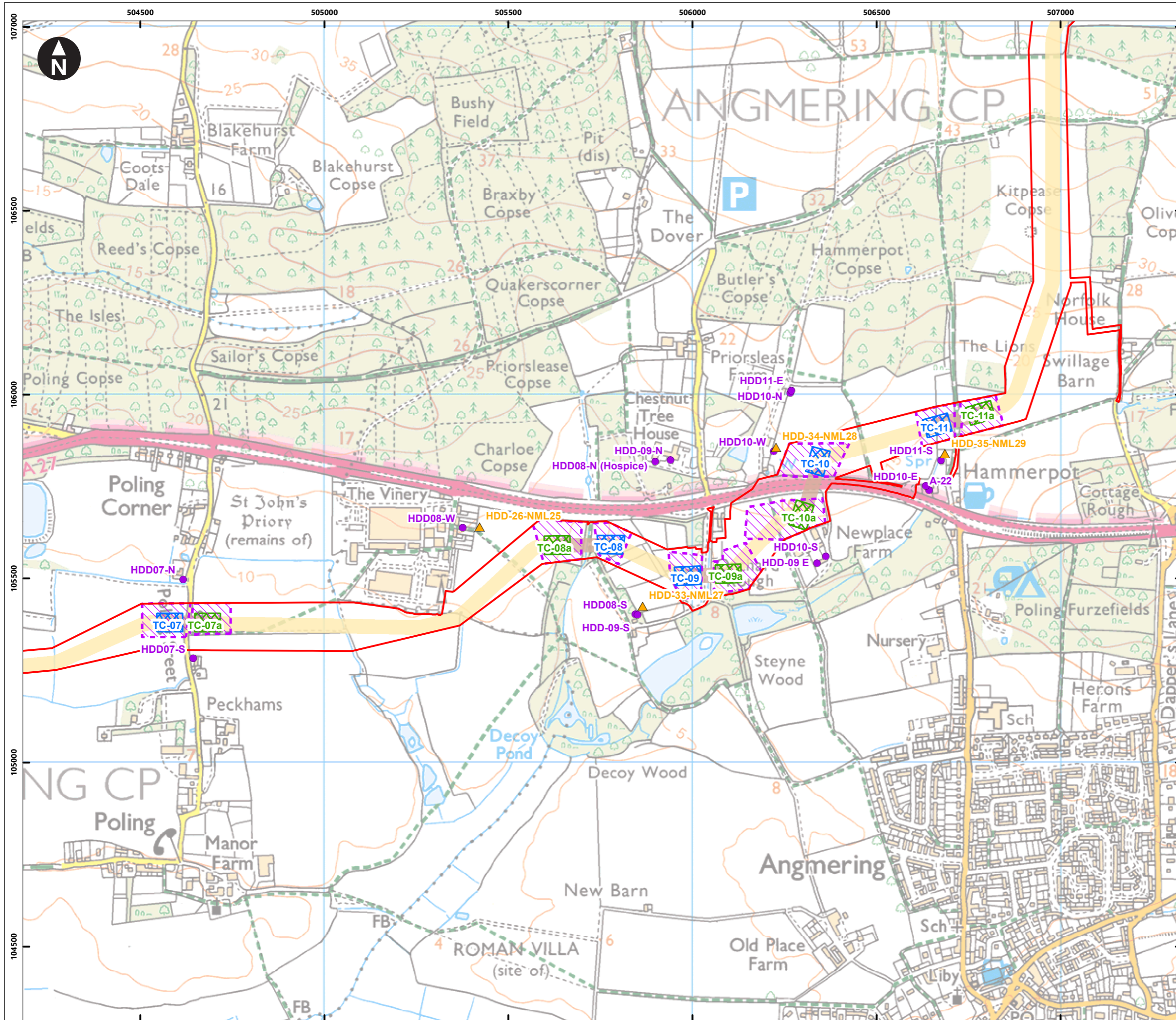


Rampion 2 Offshore Wind Farm

Figure 21.2c Monitoring and Receptor locations

Environmental Statement

System Identifier: 42285-WSPE-ES-ON-FG-ON-6985		Version: 1.0	
Company: WSP	Drawn By: COLLJ	Chk/Prvrd: EVANM	Status: FINAL
Drawn Date: 27/07/2023			



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Key

- Proposed DCO Order Limits
- Monitoring locations
- Receptor locations
- Trenchless Crossing (TC) compounds
- Trenchless Crossing (TC) compound alternatives
- Trenchless Crossing (TC) limits of deviation

Proposed onshore cable construction corridor

- Indicative trenchless section
- Indicative open cut section

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 Kilometres
 1:10,000
 British National Grid Transverse Mercator

Rampion Extension Development

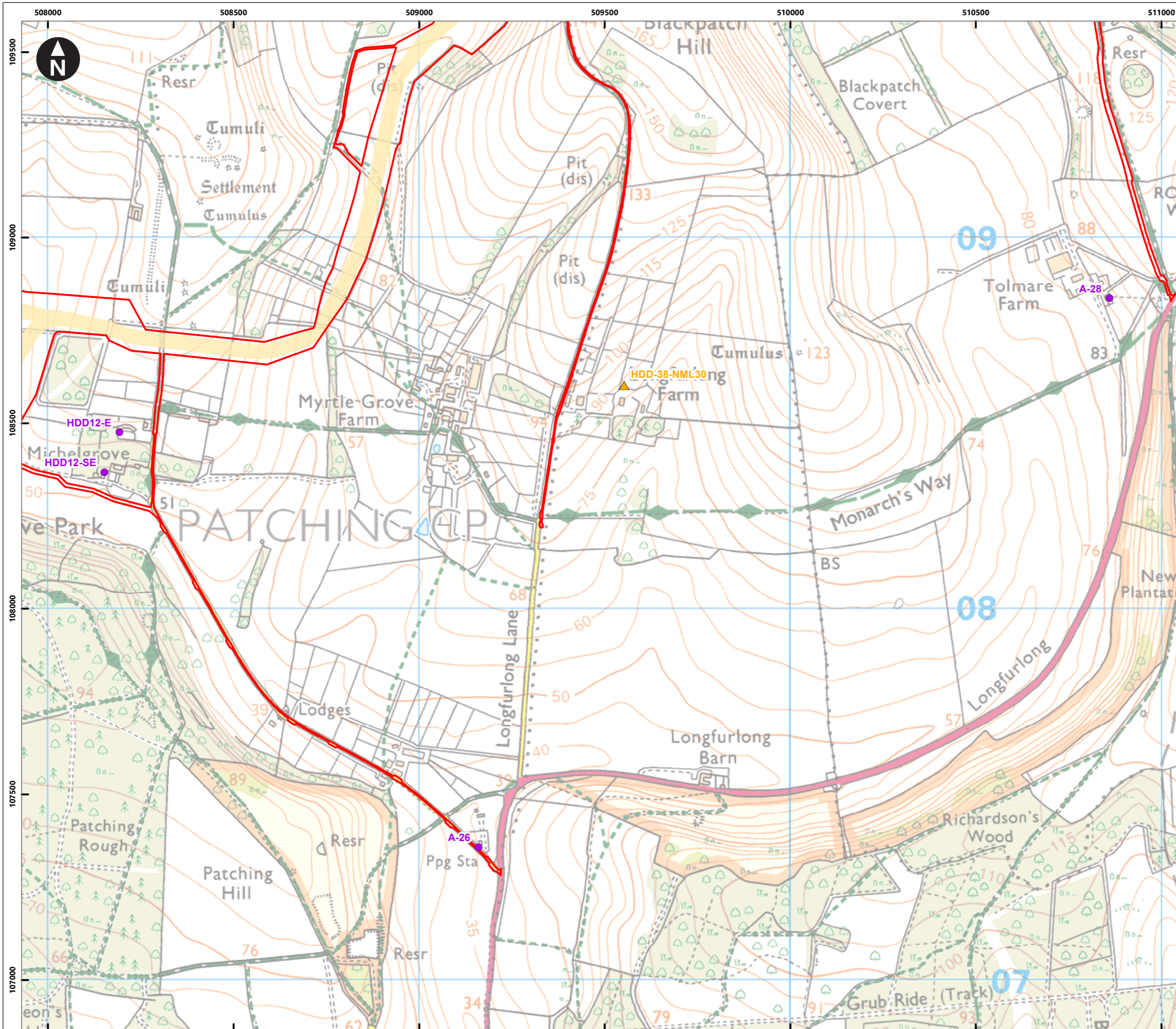
Rampion 2 WIND FARM

Rampion 2 Offshore Wind Farm

Figure 21.2d Monitoring and Receptor locations

Environmental Statement

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Company:	Drawn By:	Chk/Prvrd:	Drawn Date:	Status:
WSP	COLLJ	EVANM	27/07/2023	FINAL



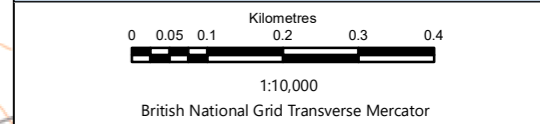
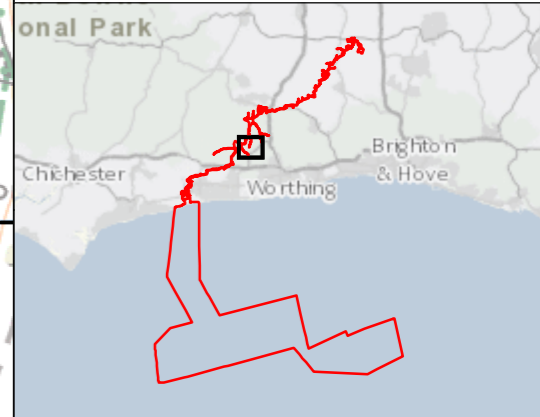
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Key

- Proposed DCO Order Limits
- ▲ Monitoring locations
- Receptor locations

Proposed onshore cable construction corridor

- Indicative open cut section



Rampion Extension Development

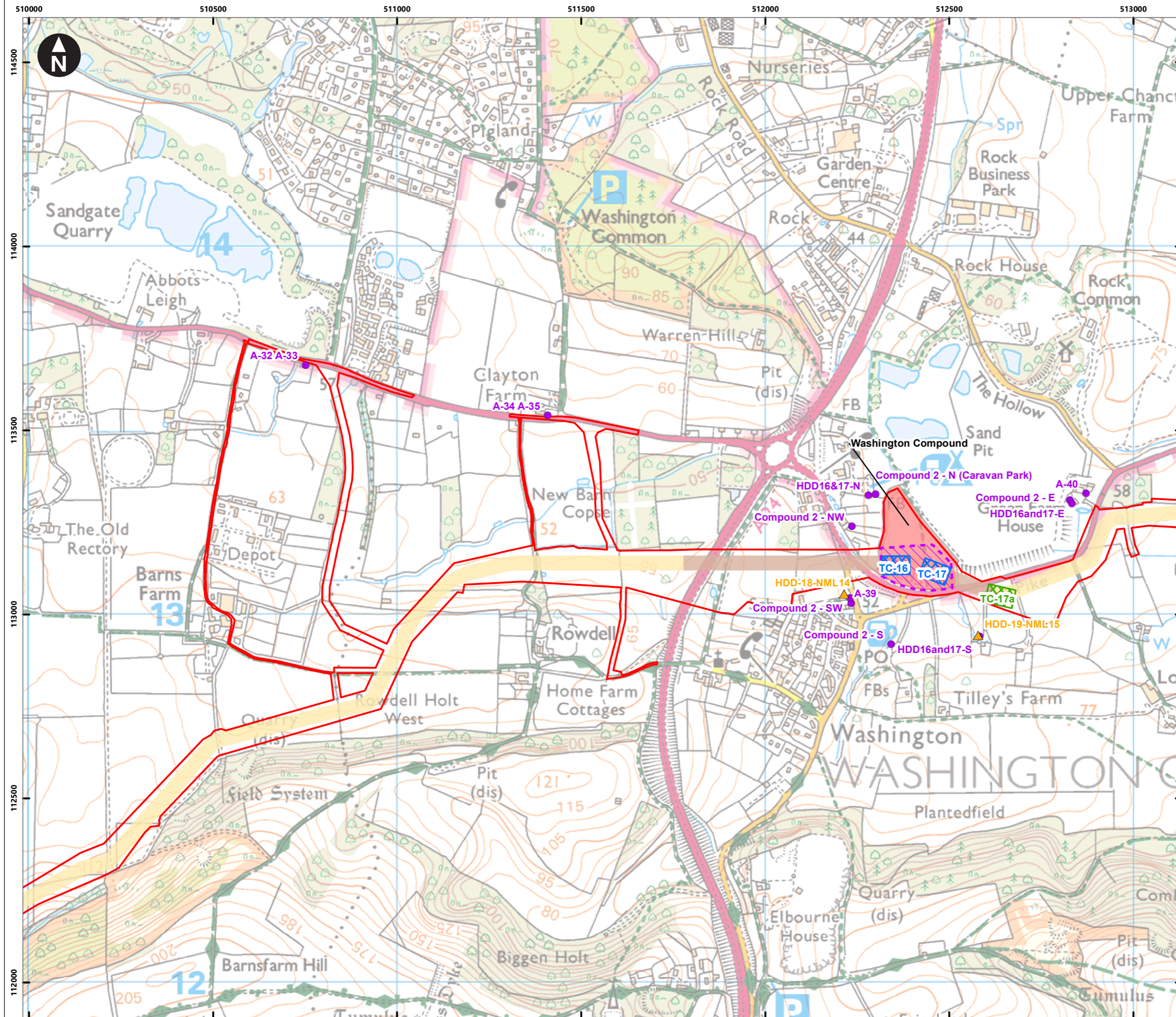
Rampion 2 Offshore Wind Farm

Figure 21.2e Monitoring and Receptor locations

Environmental Statement

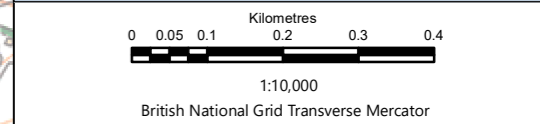
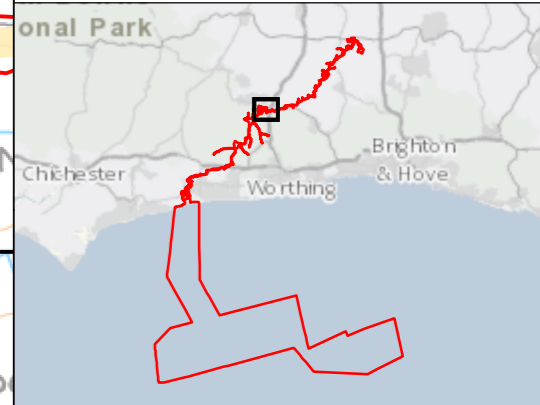
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Company:	Drawn By:	Chk/Prvrd:	Drawn Date:	Status:
WSP	COLLJ	EVANM	27/07/2023	FINAL



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- Key**
- Proposed DCO Order Limits
 - ▲ Monitoring locations
 - Receptor locations
 - Trenchless Crossing (TC) compounds
 - Trenchless Crossing (TC) compound alternatives
 - Trenchless Crossing (TC) limits of deviation
 - Temporary construction compound
- Proposed onshore cable construction corridor
- Indicative trenchless section
 - Indicative open cut section



Rampion Extension Development



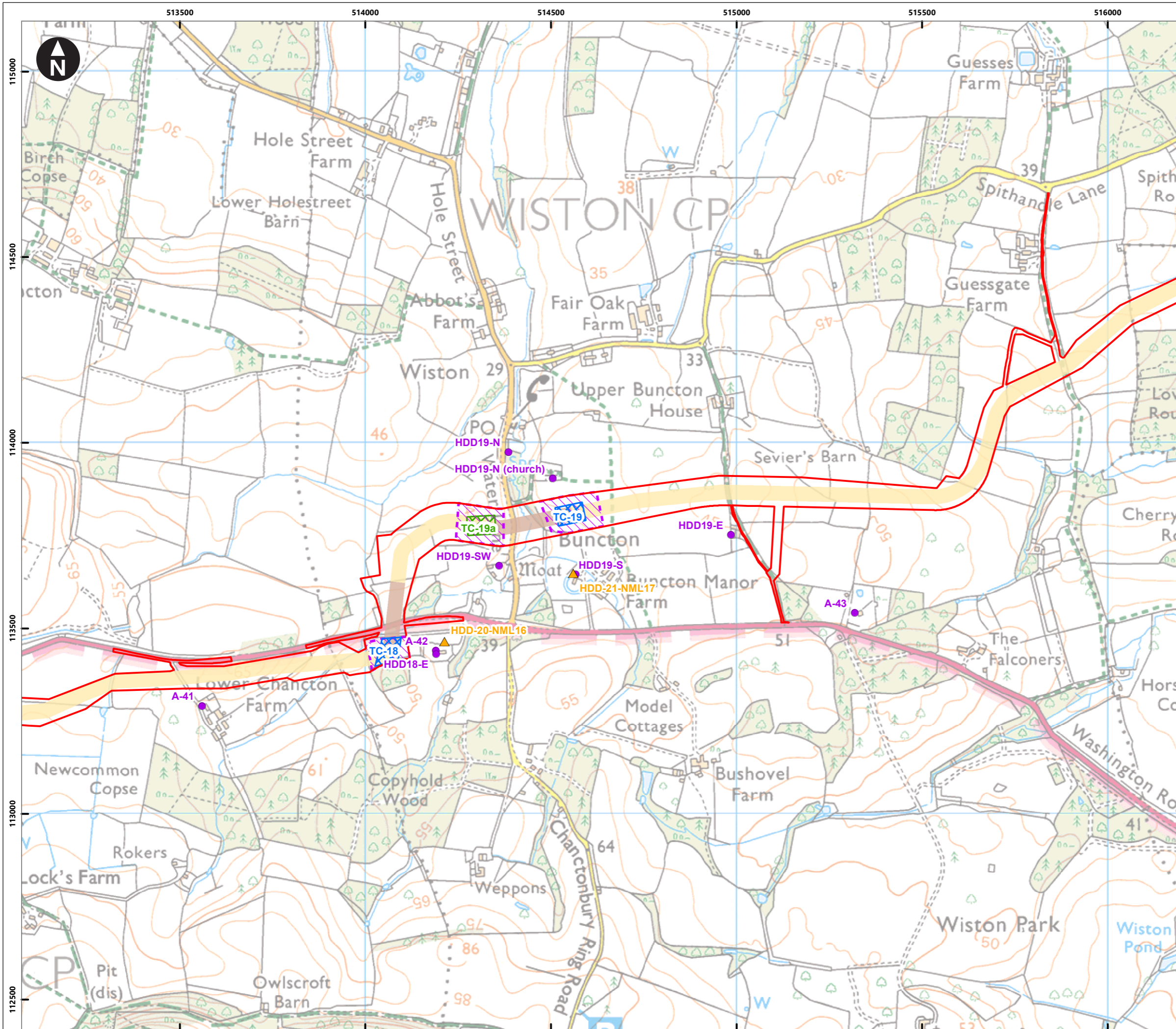
Rampion 2 Offshore Wind Farm

Figure 21.2f Monitoring and Receptor locations

Environmental Statement

System Identifier: 42285-WSP-ES-ON-FG-ON-6985	Version: 1.0
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Company: WSP	Drawn By: COLLJ	Chk/Prvrd: EVANM	Drawn Date: 27/07/2023	Status: FINAL
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Key

- Proposed DCO Order Limits
- Monitoring locations
- Receptor locations
- Trenchless Crossing (TC) compounds
- Trenchless Crossing (TC) compound alternatives
- Trenchless Crossing (TC) limits of deviation

Proposed onshore cable construction corridor

- Indicative trenchless section
- Indicative open cut section

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 Kilometres
 1:10,000
 British National Grid Transverse Mercator

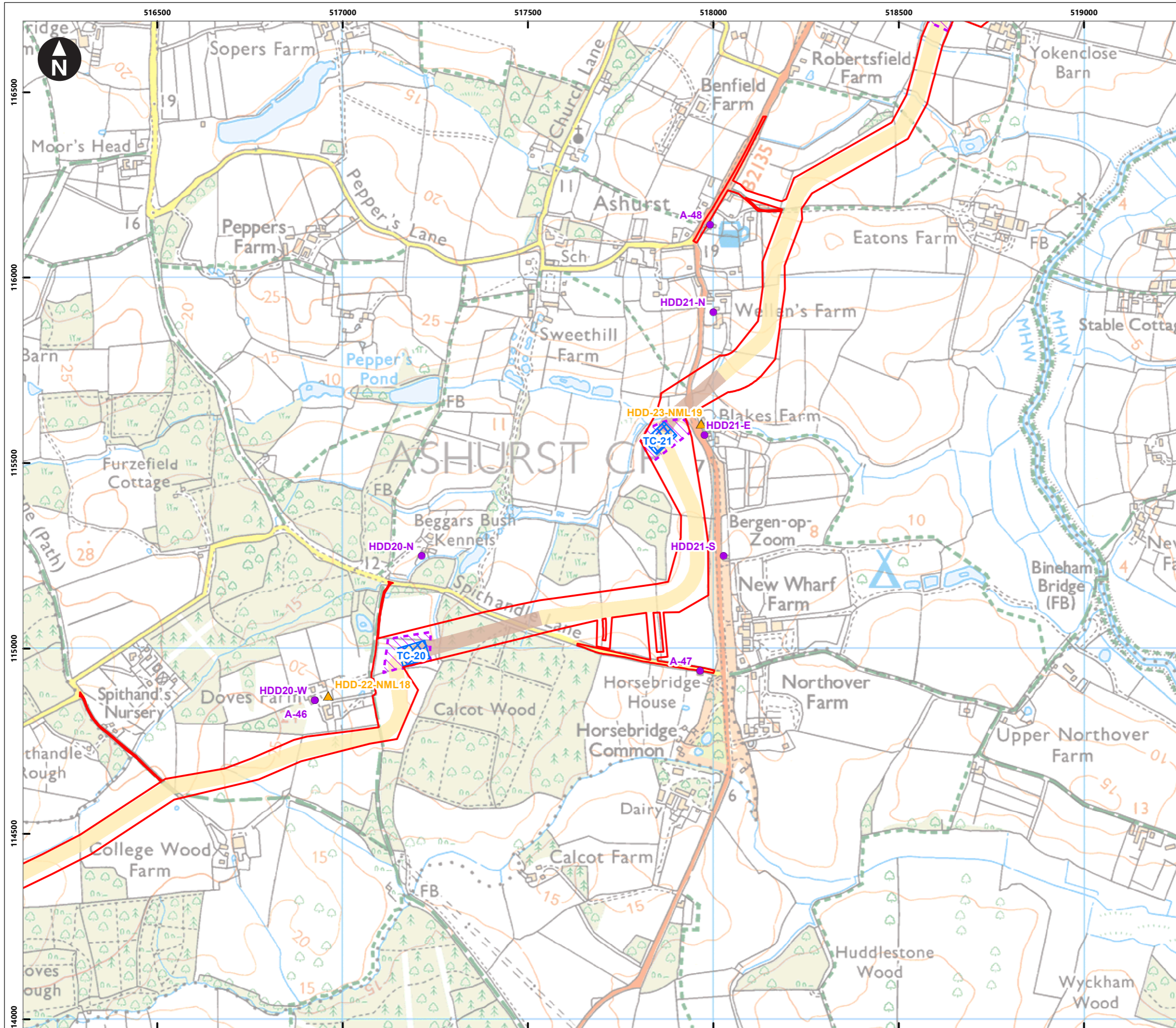
Rampion Extension Development

Rampion 2 Offshore Wind Farm

Figure 21.2g Monitoring and Receptor locations

Environmental Statement

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Company: WSP	Drawn By: COLLJ	Chk/Prvrd: EVANM	Drawn Date: 27/07/2023	Status: FINAL



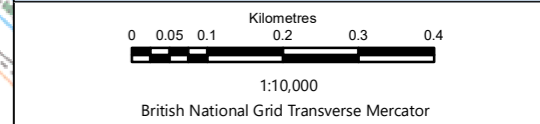
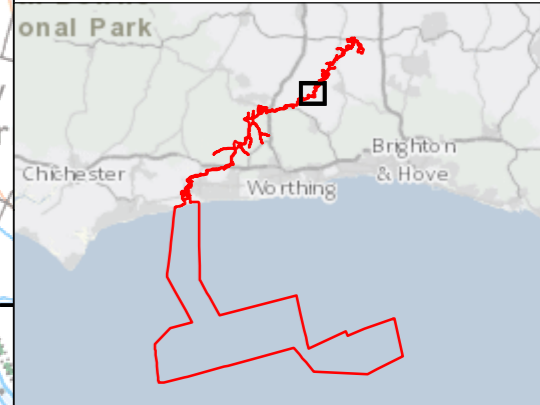
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Key

- Proposed DCO Order Limits
- ▲ Monitoring locations
- Receptor locations
- Trenchless Crossing (TC) compounds
- Trenchless Crossing (TC) limits of deviation

Proposed onshore cable construction corridor

- Indicative trenchless section
- Indicative open cut section



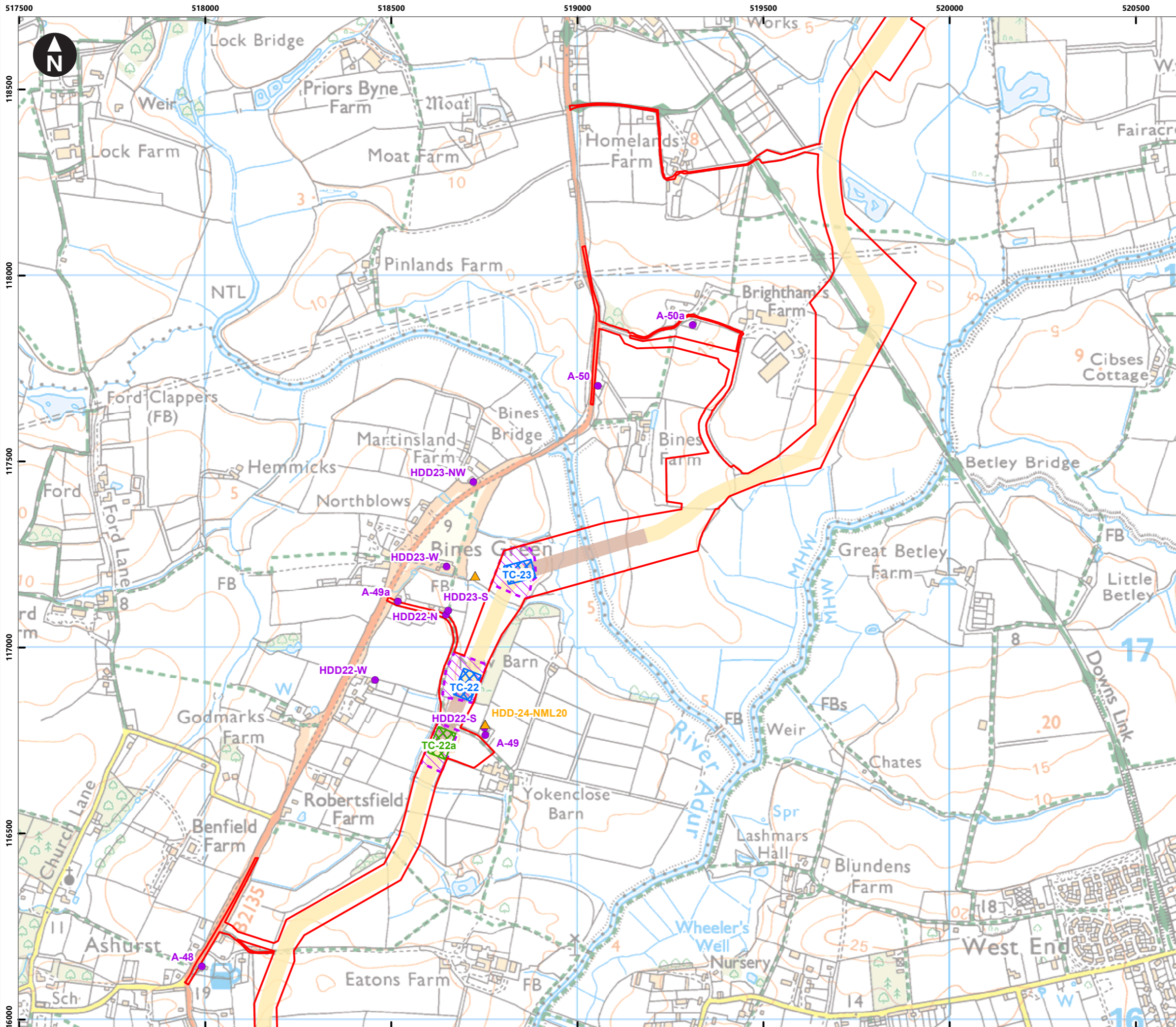
Rampion Extension Development

Rampion 2 Offshore Wind Farm

Figure 21.2h Monitoring and Receptor locations

Environmental Statement

System Identifier: 42285-WSPE-ES-ON-FG-ON-6985				Version: 1.0
Company: WSP	Drawn By: COLLJ	Chk/Prvrd: EVANM	Drawn Date: 27/07/2023	Status: FINAL



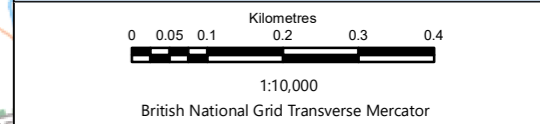
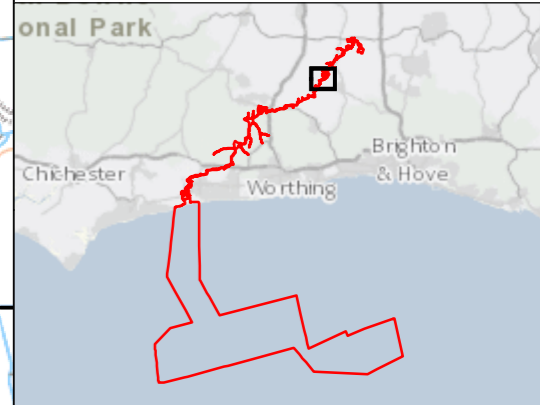
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Key

- Proposed DCO Order Limits
- ▲ Monitoring locations
- Receptor locations
- Trenchless Crossing (TC) compounds
- Trenchless Crossing (TC) compound alternatives
- Trenchless Crossing (TC) limits of deviation

Proposed onshore cable construction corridor

- Indicative trenchless section
- Indicative open cut section



Rampion Extension Development



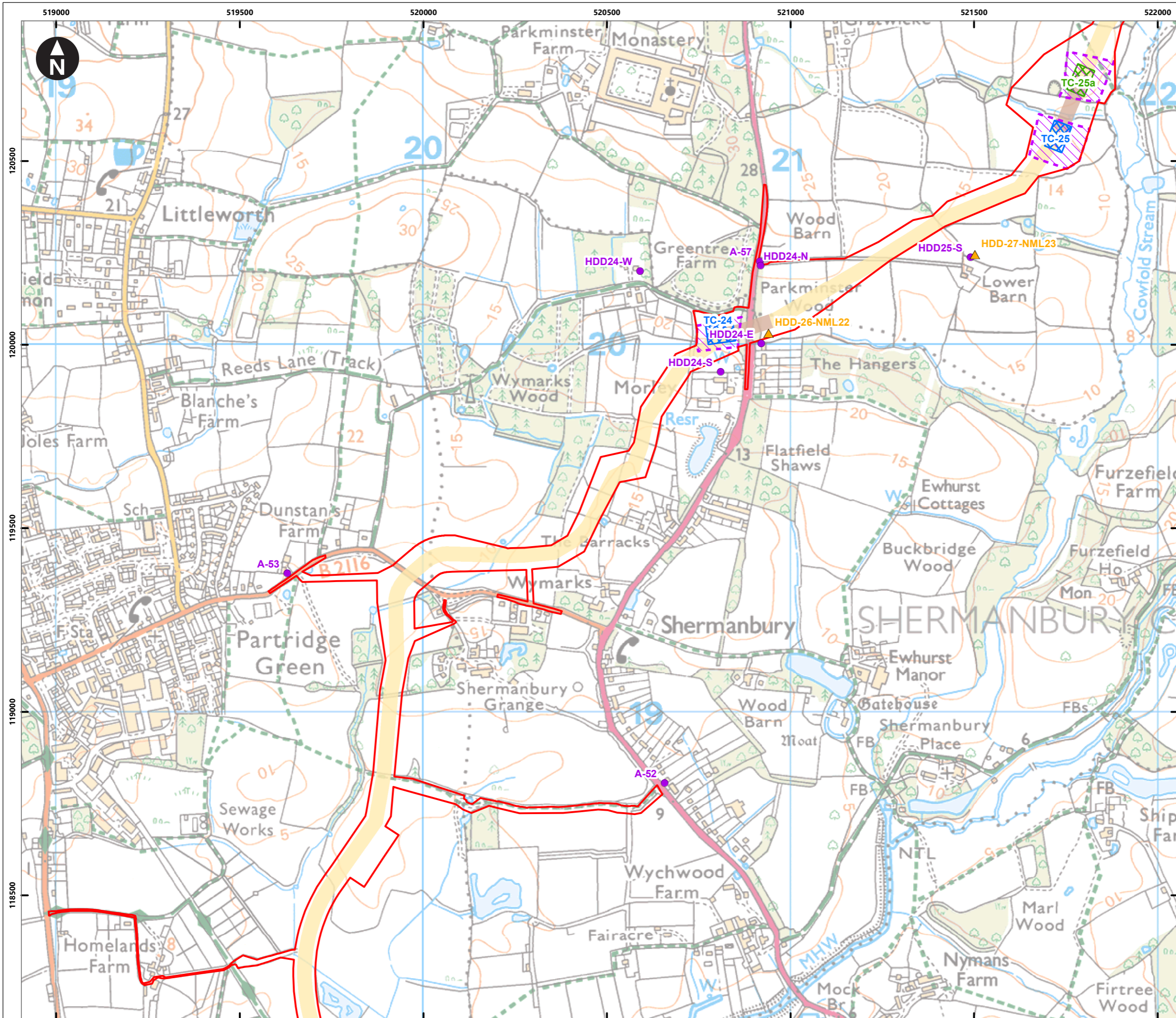
Rampion 2 Offshore Wind Farm

Figure 21.2i Monitoring and Receptor locations

Environmental Statement

System Identifier: 42285-WSP-ES-ON-FG-ON-6985	Version: 1.0
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Company: WSP	Drawn By: COLLJ	Chk/Prvrd: EVANM	Drawn Date: 27/07/2023	Status: FINAL
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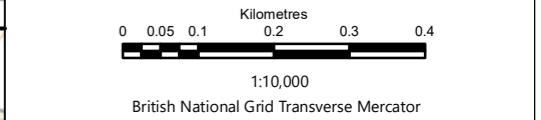
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Key

- Proposed DCO Order Limits
- ▲ Monitoring locations
- Receptor locations
- Trenchless Crossing (TC) compounds
- Trenchless Crossing (TC) compound alternatives
- Trenchless Crossing (TC) limits of deviation

Proposed onshore cable construction corridor

- Indicative trenchless section
- Indicative open cut section



Rampion Extension Development



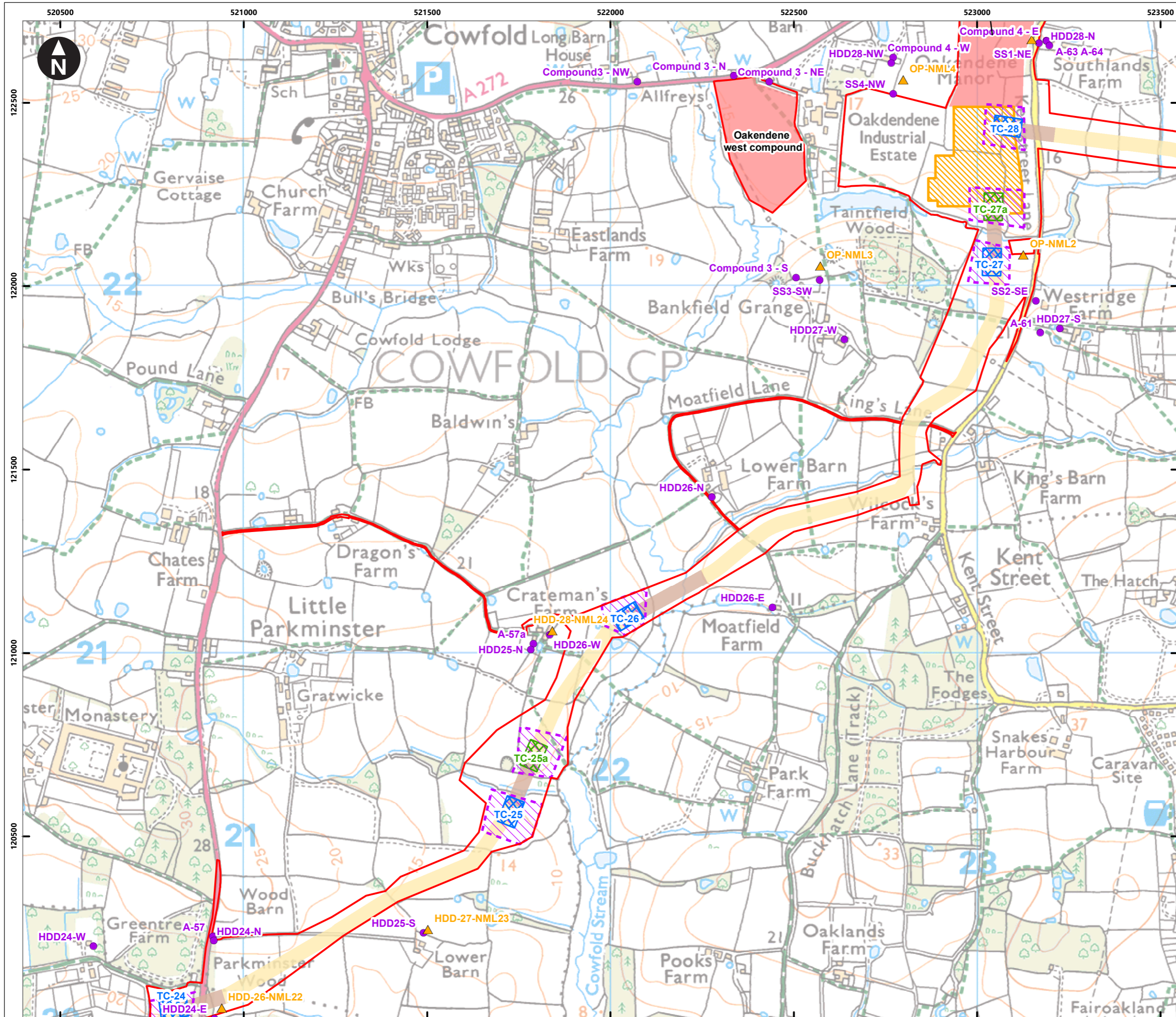
Rampion 2 Offshore Wind Farm

Figure 21.2j Monitoring and Receptor locations

Environmental Statement

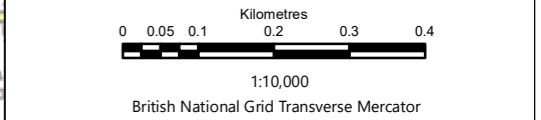
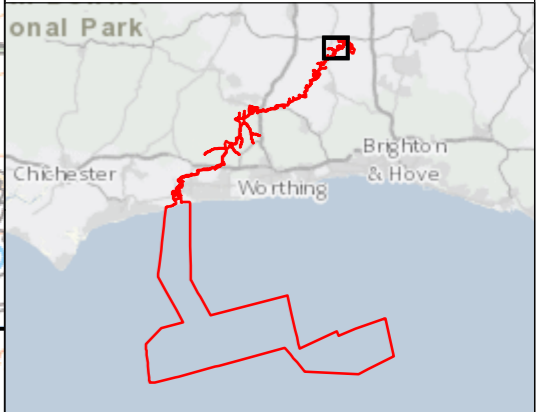
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Company: WSP	Drawn By: COLLJ	Chk/Prvrd: EVANM	Drawn Date: 27/07/2023	Status: FINAL
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- Key**
- Proposed DCO Order Limits
 - ▲ Monitoring locations
 - Receptor locations
 - Onshore substation site
 - Trenchless Crossing (TC) compounds
 - Trenchless Crossing (TC) compound alternatives
 - Trenchless Crossing (TC) limits of deviation
 - Temporary construction compound
- Proposed onshore cable construction corridor
- Indicative trenchless section
 - Indicative open cut section



Rampion Extension Development

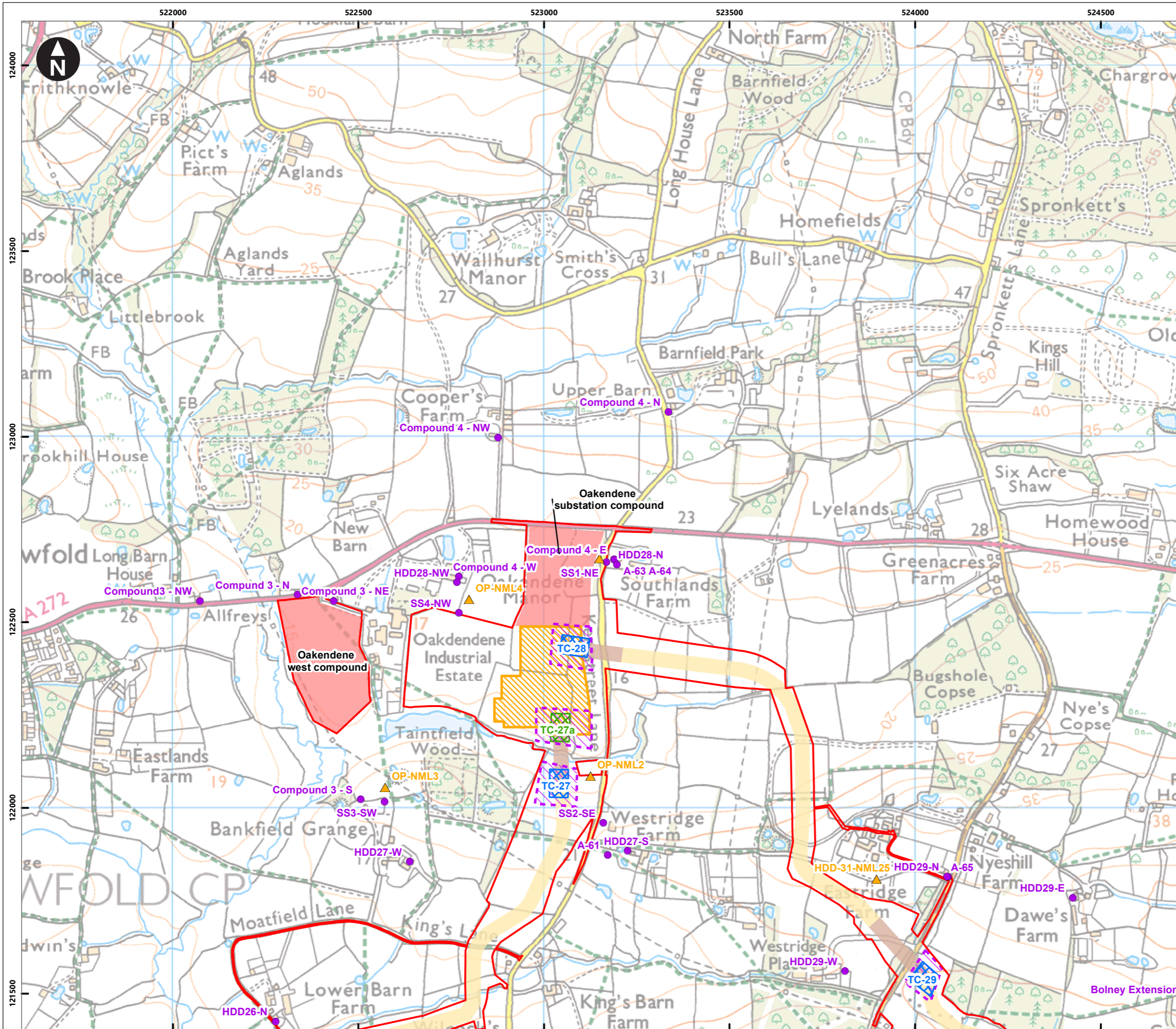
Rampion 2 Offshore Wind Farm

Figure 21.2k Monitoring and Receptor locations

Environmental Statement

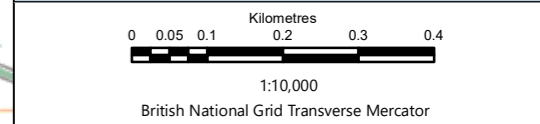
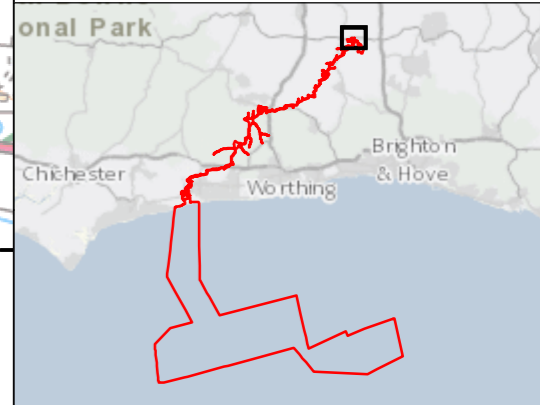
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Company:	Drawn By:	Chk/Prvrd:	Drawn Date:	Status:
WSP	COLLJ	EVANM	27/07/2023	FINAL



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- Key**
- Proposed DCO Order Limits
 - ▲ Monitoring locations
 - Receptor locations
 - Onshore substation site
 - Trenchless Crossing (TC) compounds
 - Trenchless Crossing (TC) compound alternatives
 - Trenchless Crossing (TC) limits of deviation
 - Temporary construction compound
- Proposed onshore cable construction corridor
- Indicative trenchless section
 - Indicative open cut section



Rampion Extension Development

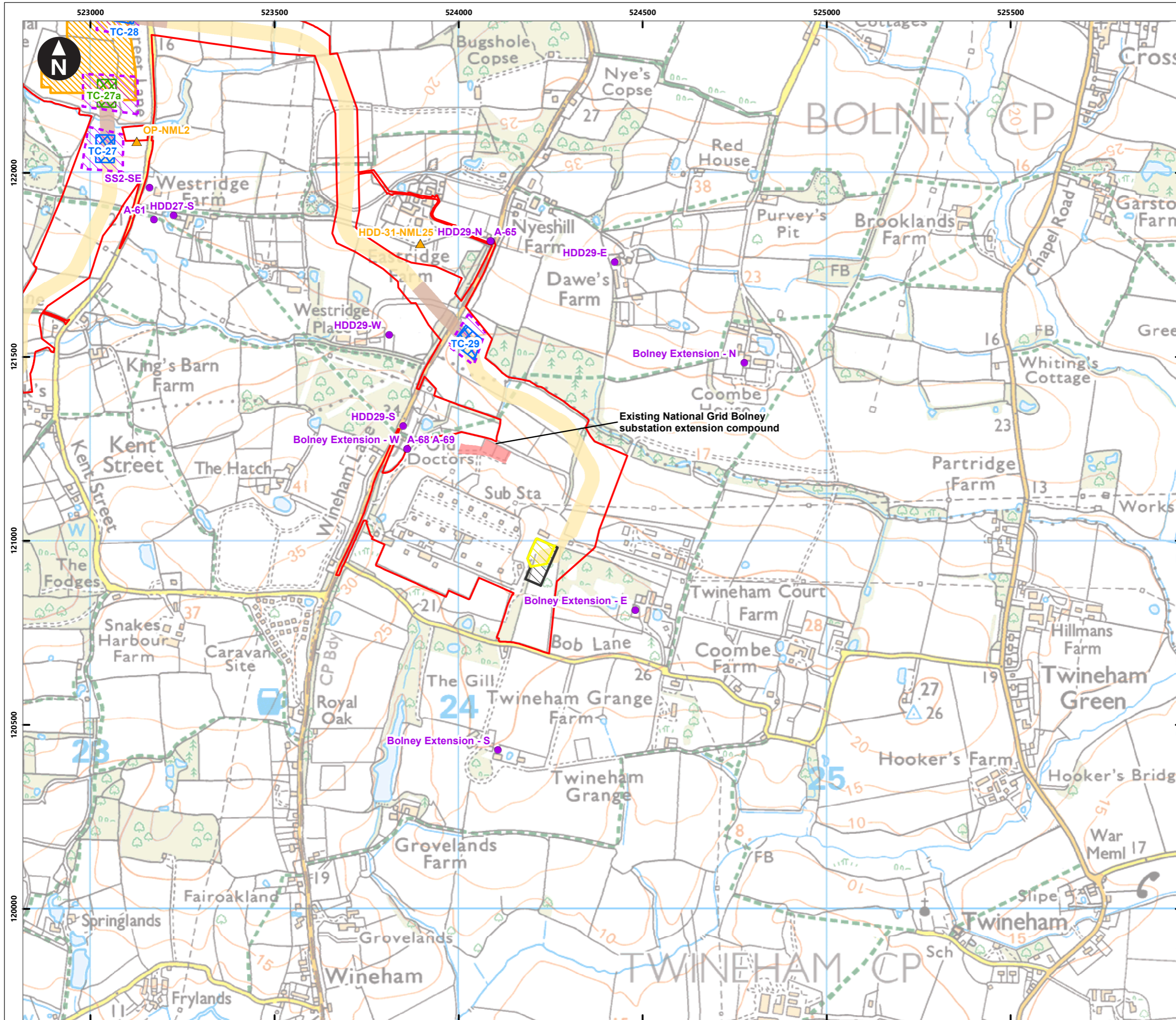
Rampion 2 Offshore Wind Farm

Figure 21.21 Monitoring and Receptor locations

Environmental Statement

System Identifier: 42285-WSP-ES-ON-FG-ON-6985	Version: 1.0
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Company: WSP	Drawn By: COLLJ	Chk/Prvrd: EVANM	Drawn Date: 27/07/2023	Status: FINAL
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Key

- Proposed DCO Order Limits
- ▲ Monitoring locations
- Receptor locations
- Onshore substation site
- Bolney Substation extension (GIS)
- Trenchless Crossing (TC) compounds
- Trenchless Crossing (TC) compound alternatives
- Trenchless Crossing (TC) limits of deviation
- Bolney Substation extension (AIS)
- Temporary construction compound

Proposed onshore cable construction corridor

- Indicative trenchless section
- Indicative open cut section

0 0.05 0.1 0.2 0.3 0.4
 Kilometres

1:10,000
 British National Grid Transverse Mercator

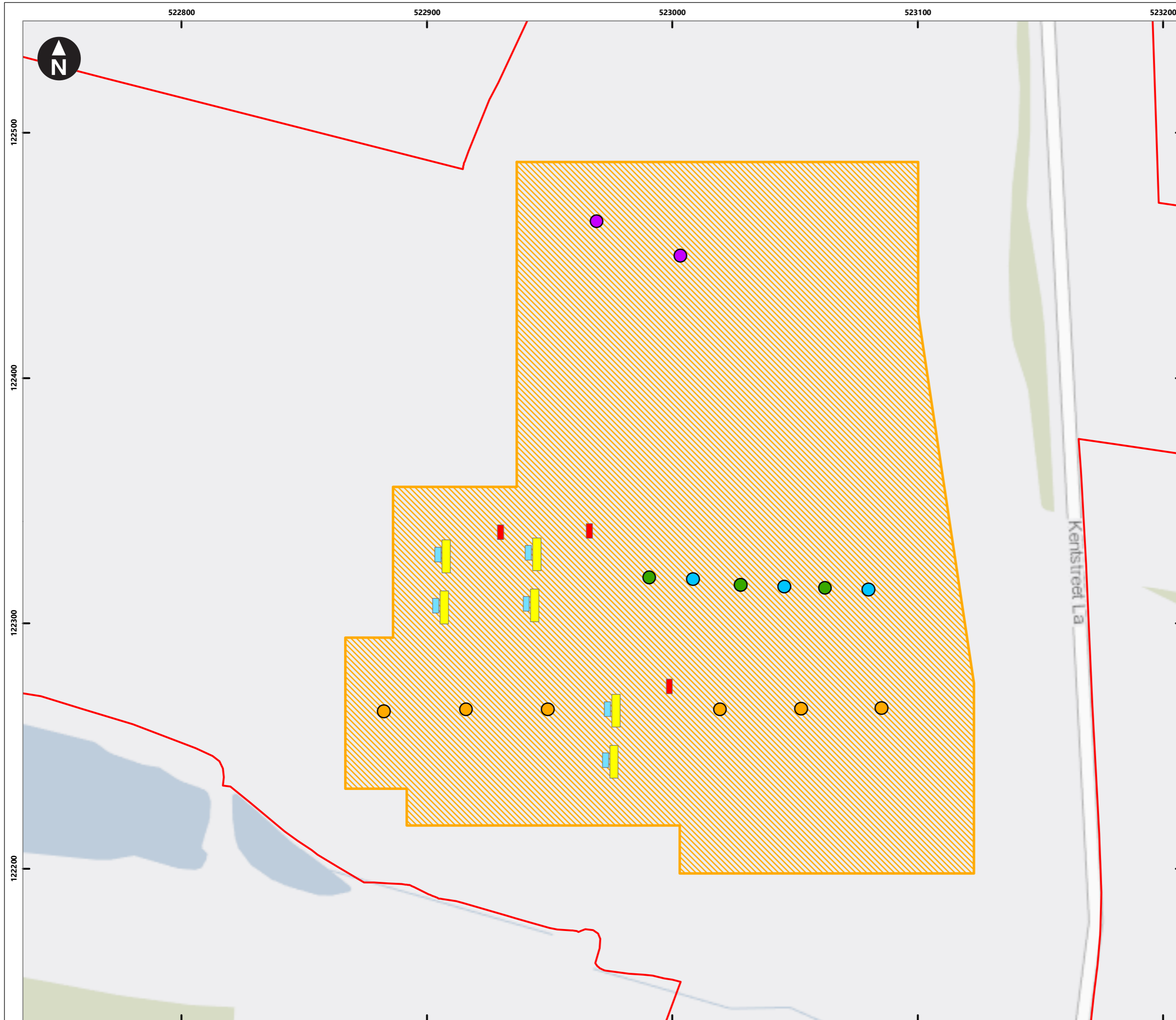
Rampion Extension Development

Rampion 2 Offshore Wind Farm

Figure 21.2m Monitoring and Receptor locations

Environmental Statement

System Identifier: 42285-WSP-ES-ON-FG-ON-6985		Version: 1.0
Company: WSP	Drawn By: COLLJ	Chk/Prvd: EVANM
Drawn Date: 27/07/2023	Status: FINAL	



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Key

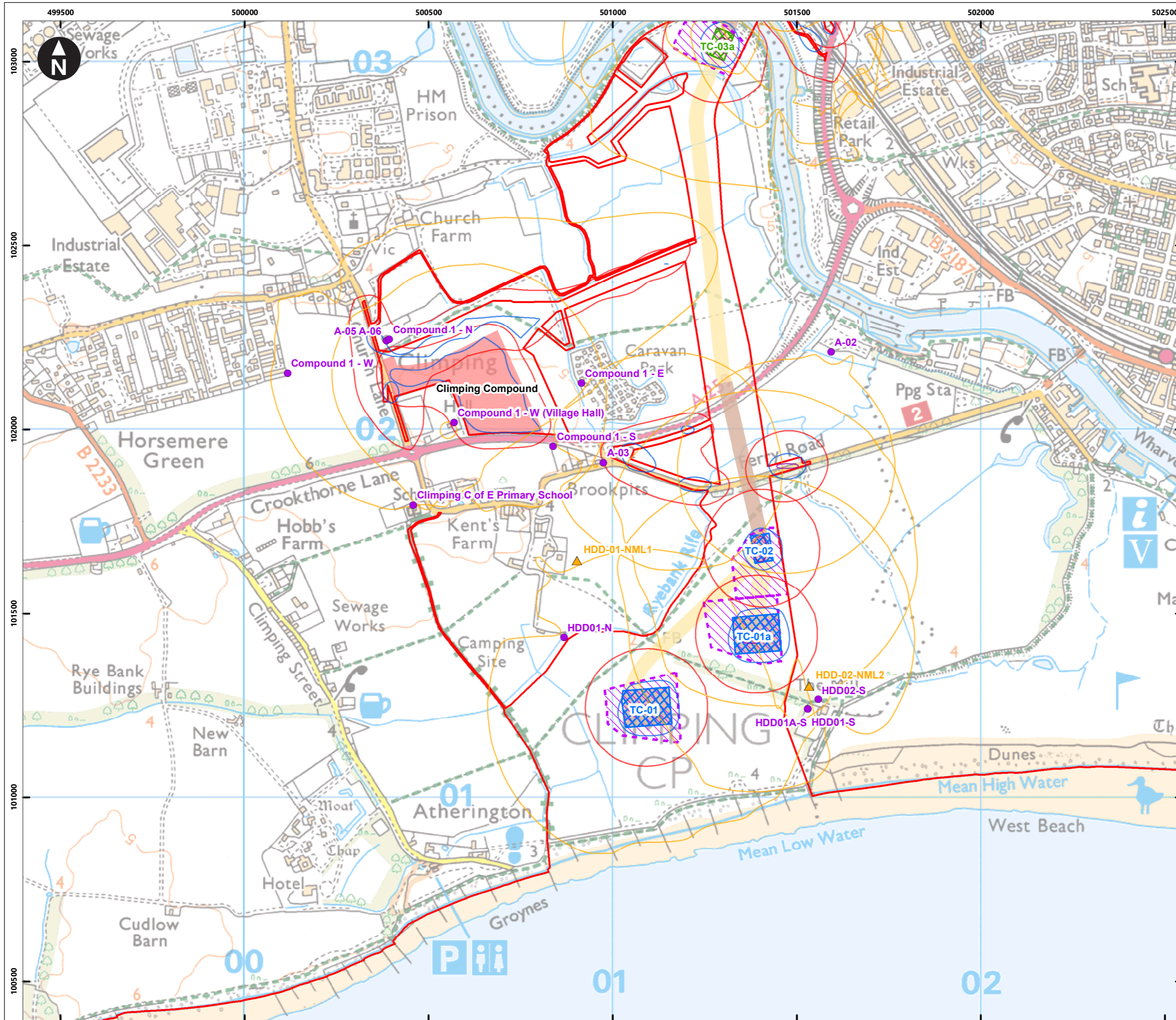
- Proposed DCO Order Limits
- Onshore substation site
- Statcom Heat Exchanger
- Statcom Cooling Unit
- Statcom Electrics
- Cooling Unit
- Harmonic Filter
- Main Transformer
- Shunt Reactor

0 0.0075 0.015 0.03 0.045 0.06
 Kilometres
 1:1,500
 British National Grid Transverse Mercator

Rampion Extension Development

Rampion 2 Offshore Wind Farm
 Figure 21.3 Substation Model Layout
 Environmental Statement

System Identifier: 42285-WSPE-ES-ON-FG-ON-7698		Version: 1.0			
Company: WSP	Drawn By: COLLJ	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Chk/Aprvd: EVANM</td> <td>Drawn Date: 28/07/2023</td> <td>Status: FINAL</td> </tr> </table>	Chk/Aprvd: EVANM	Drawn Date: 28/07/2023	Status: FINAL
Chk/Aprvd: EVANM	Drawn Date: 28/07/2023	Status: FINAL			



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Key

- Proposed DCO Order Limits
- Monitoring locations
- Receptor locations
- Temporary construction compound
- Trenchless Crossing (TC) compounds
- Trenchless Crossing (TC) compound alternatives
- Trenchless Crossing (TC) limits of deviation

Proposed onshore cable construction corridor

- Indicative trenchless section
- Indicative open cut section

Noise Zone (dB)

- Below 45
- 45 to 55
- 55 to 65
- 65 to 75
- 75 to 85

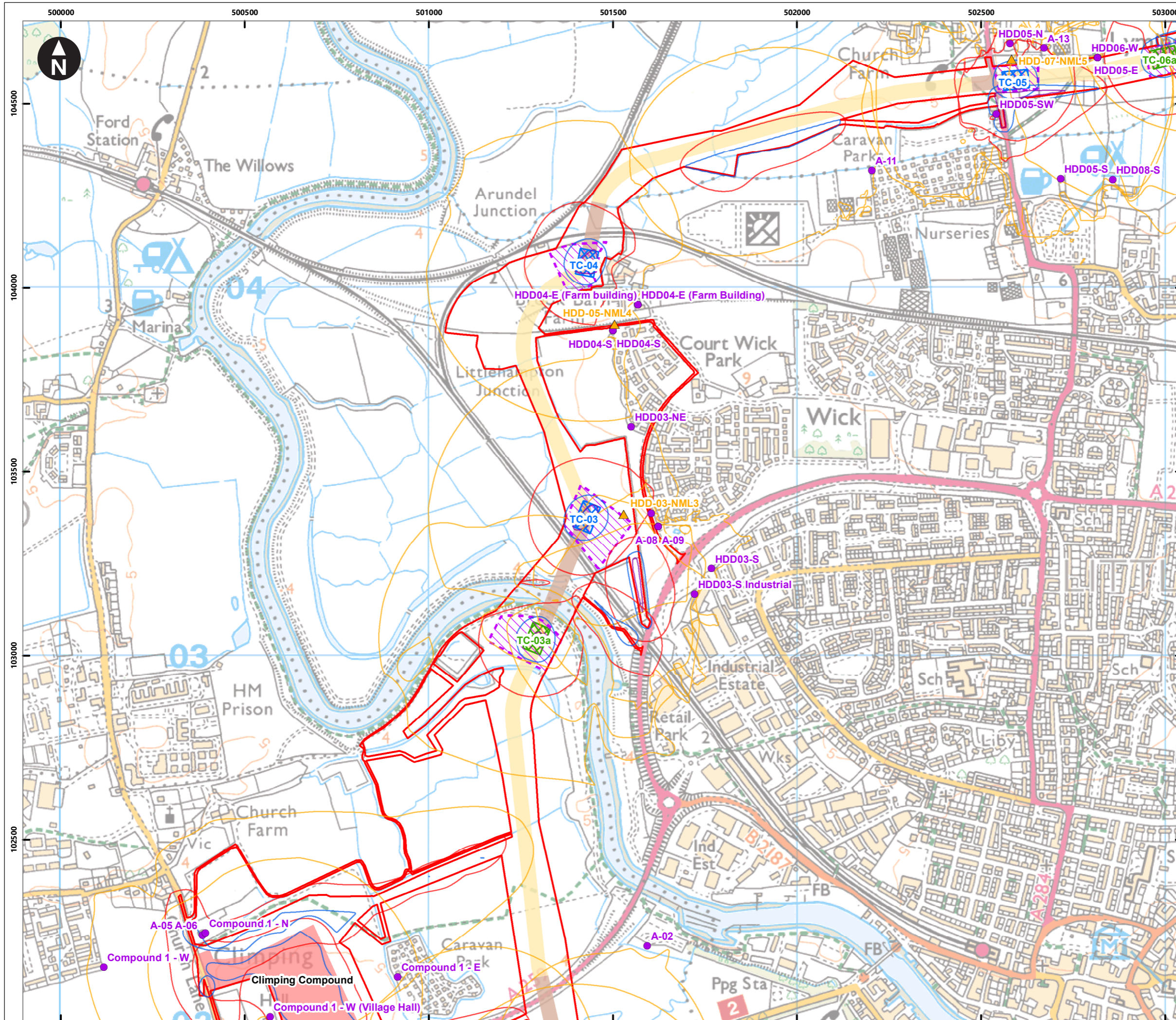
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 Kilometres
 1:10,000
 British National Grid Transverse Mercator

Rampion Extension Development

Rampion 2 WIND FARM

Rampion 2 Offshore Wind Farm
 Figure 21.4a Construction Noise Contours
 Environmental Statement

System Identifier: 42285-WSPE-ES-ON-FG-ON-4429		Version: 1.0
Company: WSP	Drawn By: COLLJ	Chk/Aprvd: EVANM
Drawn Date: 28/07/2023	Status: FINAL	



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Key

- Proposed DCO Order Limits
- Monitoring locations
- Receptor locations
- Temporary construction compound
- Trenchless Crossing (TC) compounds
- Trenchless Crossing (TC) compound alternatives
- Trenchless Crossing (TC) limits of deviation

Proposed onshore cable construction corridor

- Indicative trenchless section
- Indicative open cut section

Noise Zone (dB)

- Below 45
- 45 to 55
- 55 to 65
- 65 to 75
- 75 to 85

onal Park
 Chichester
 Worthing
 Brighton & Hove

0 0.05 0.1 0.2 0.3 0.4
 Kilometres
 1:10,000
 British National Grid Transverse Mercator

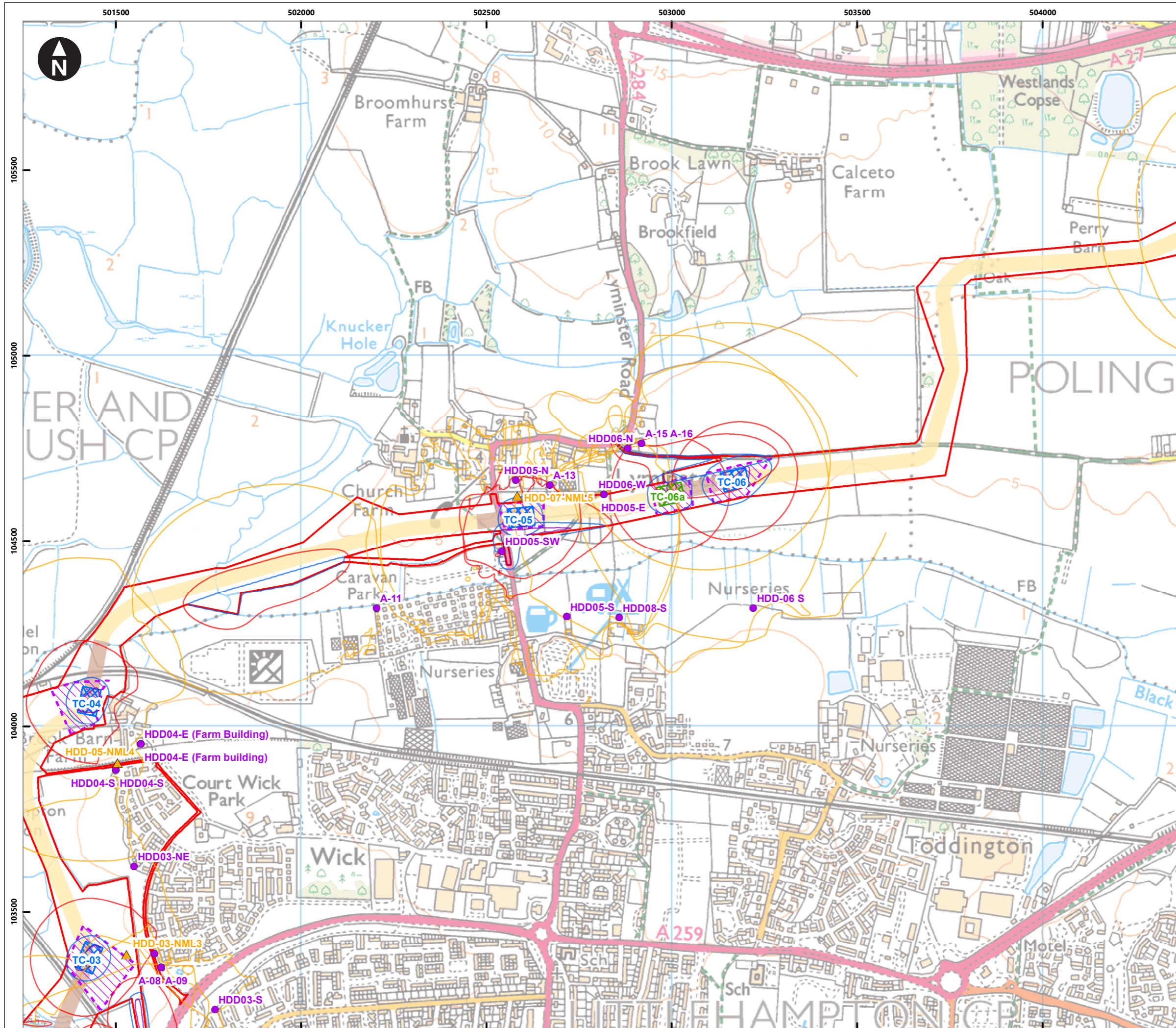
Rampion Extension Development

Rampion 2
 WIND FARM

Rampion 2 Offshore Wind Farm
 Figure 21.4b Construction Noise Contours
 Environmental Statement

System Identifier: 42285-WSPE-ES-ON-FG-ON-4429
 Version: 1.0

Company: WSP
 Drawn By: COLLJ
 Chk/Prvrd: EVANM
 Drawn Date: 28/07/2023
 Status: FINAL



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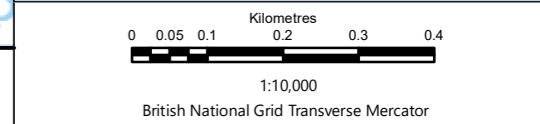
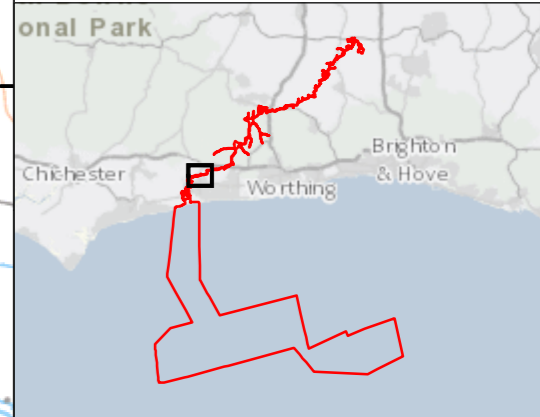
- Proposed DCO Order Limits
- ▲ Monitoring locations
- Receptor locations
- Trenchless Crossing (TC) compounds
- Trenchless Crossing (TC) compound alternatives
- Trenchless Crossing (TC) limits of deviation

Proposed onshore cable construction corridor

- Indicative trenchless section
- Indicative open cut section

Noise Zone (dB)

- Below 45
- 45 to 55
- 55 to 65
- 65 to 75
- 75 to 85

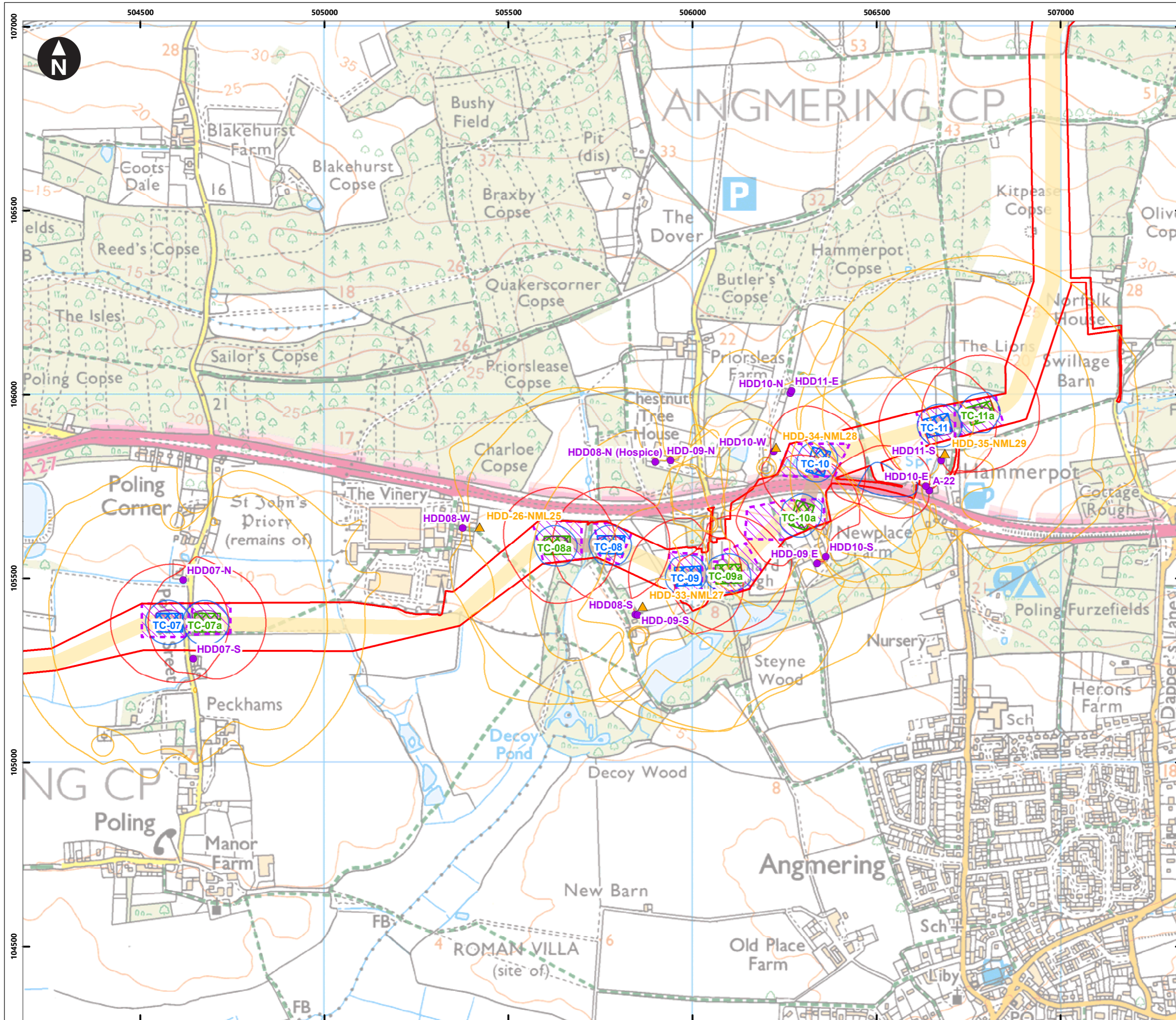


Rampion Extension Development

Rampion 2 Offshore Wind Farm
 Figure 21.4c Construction Noise Contours
 Environmental Statement

System Identifier: 42285-WSPE-ES-ON-FG-ON-4429	Version: 1.0
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Company: WSP	Drawn By: COLLJ	Chk/Prvrd: EVANM	Drawn Date: 28/07/2023	Status: FINAL
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Key

- Proposed DCO Order Limits
- Monitoring locations
- Receptor locations
- Trenchless Crossing (TC) compounds
- Trenchless Crossing (TC) compound alternatives
- Trenchless Crossing (TC) limits of deviation

Proposed onshore cable construction corridor

- Indicative trenchless section
- Indicative open cut section

Noise Zone (dB)

- Below 45
- 45 to 55
- 55 to 65
- 65 to 75
- 75 to 85

0 0.05 0.1 0.2 0.3 0.4
 Kilometres
 1:10,000
 British National Grid Transverse Mercator

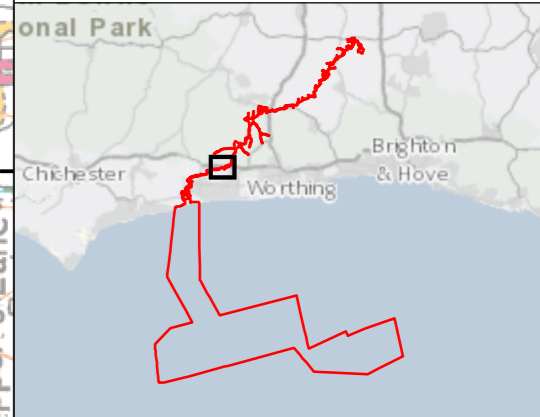
Rampion Extension Development

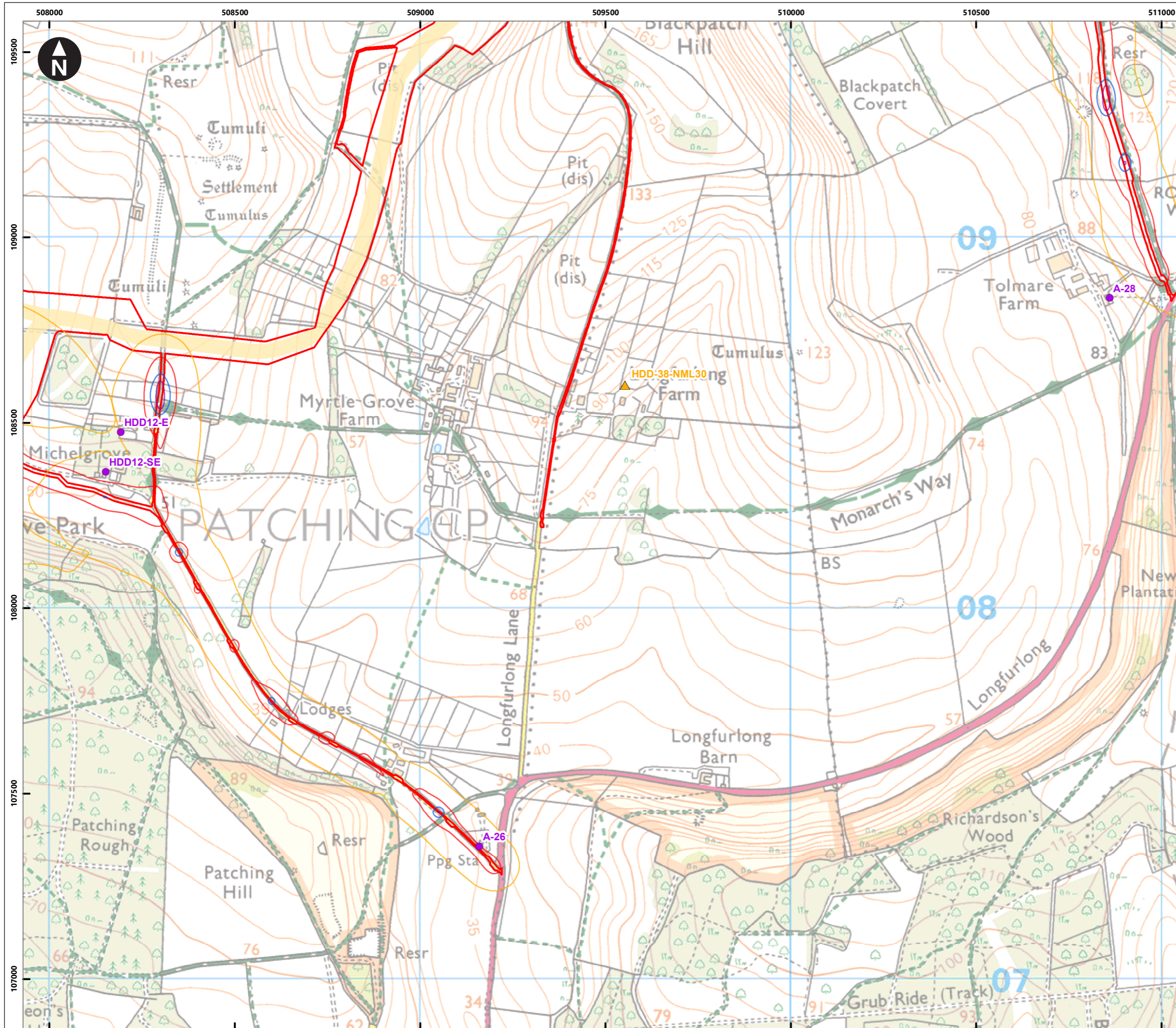
Rampion 2 Offshore Wind Farm

Figure 21.4d Construction Noise Contours

Environmental Statement

System Identifier: 42285-WSPE-ES-ON-FG-ON-4429		Version: 1.0
Company: WSP	Drawn By: COLLJ	Chk/Prvrd: EVANM
Drawn Date: 28/07/2023	Status: FINAL	





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Key

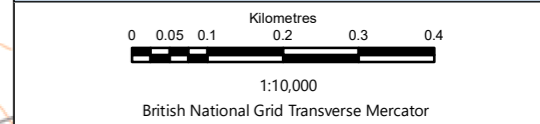
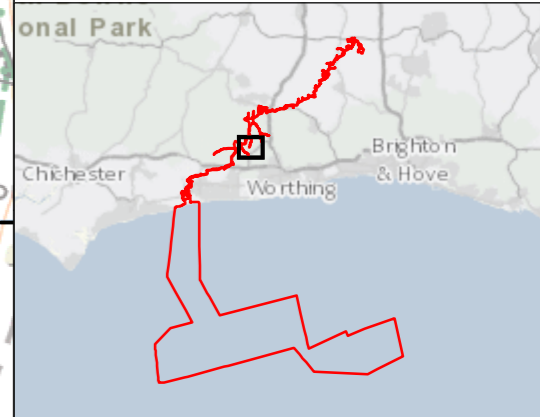
- Proposed DCO Order Limits
- ▲ Monitoring locations
- Receptor locations

Proposed onshore cable construction corridor

- Indicative open cut section

Noise Zone (dB)

- Below 45
- 45 to 55
- 55 to 65
- 65 to 75
- 75 to 85

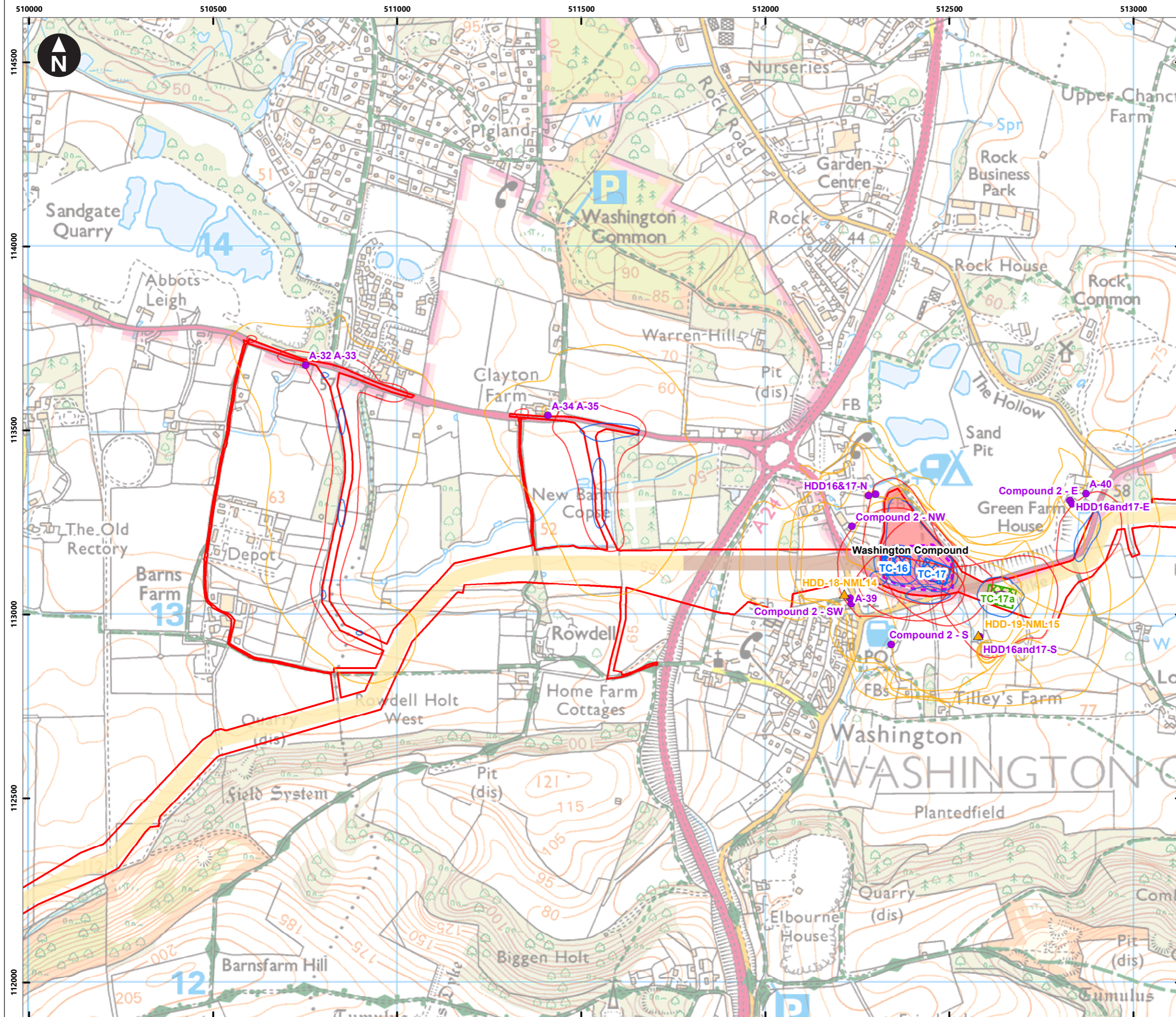


Rampion Extension Development

Rampion 2 Offshore Wind Farm
 Figure 21.4e Construction Noise Contours
 Environmental Statement

System Identifier: 42285-WSP-ES-ON-FG-ON-4429	Version: 1.0
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Company: WSP	Drawn By: COLLJ	Chk/Prvrd: EVANM	Drawn Date: 28/07/2023	Status: FINAL
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Key

- Proposed DCO Order Limits
- Monitoring locations
- Receptor locations
- Temporary construction compound
- Trenchless Crossing (TC) compounds
- Trenchless Crossing (TC) compound alternatives
- Trenchless Crossing (TC) limits of deviation

Proposed onshore cable construction corridor

- Indicative trenchless section
- Indicative open cut section

Noise Zone (dB)

- Below 45
- 45 to 55
- 55 to 65
- 65 to 75
- 75 to 85

0 0.05 0.1 0.2 0.3 0.4
Kilometres
1:10,000
British National Grid Transverse Mercator

Rampion Extension Development

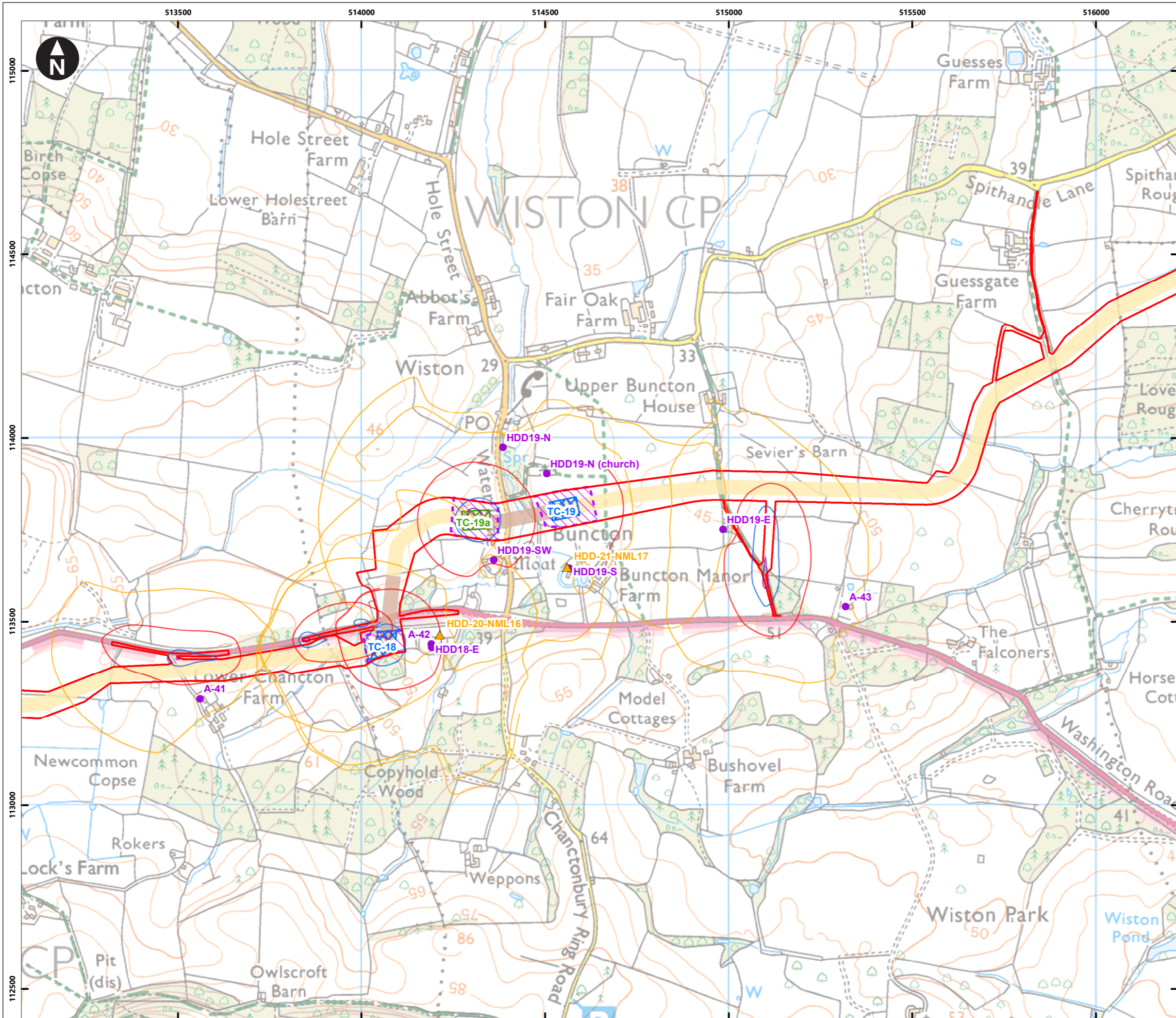
Rampion 2 Offshore Wind Farm

Figure 21.4f Construction Noise Contours

Environmental Statement

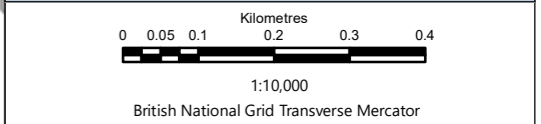
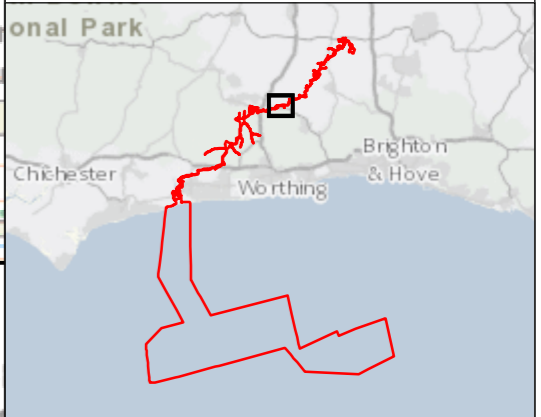
System Identifier: 42285-WSP-ES-ON-FG-ON-4429 Version: 1.0

Company: WSP Drawn By: COLLJ Chk/Prvrd: EVANM Drawn Date: 28/07/2023 Status: FINAL



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- Key**
- Proposed DCO Order Limits
 - ▲ Monitoring locations
 - Receptor locations
 - Trenchless Crossing (TC) compounds
 - Trenchless Crossing (TC) compound alternatives
 - Trenchless Crossing (TC) limits of deviation
- Proposed onshore cable construction corridor**
- Indicative trenchless section
 - Indicative open cut section
- Noise Zone (dB)**
- Below 45
 - 45 to 55
 - 55 to 65
 - 65 to 75
 - 75 to 85



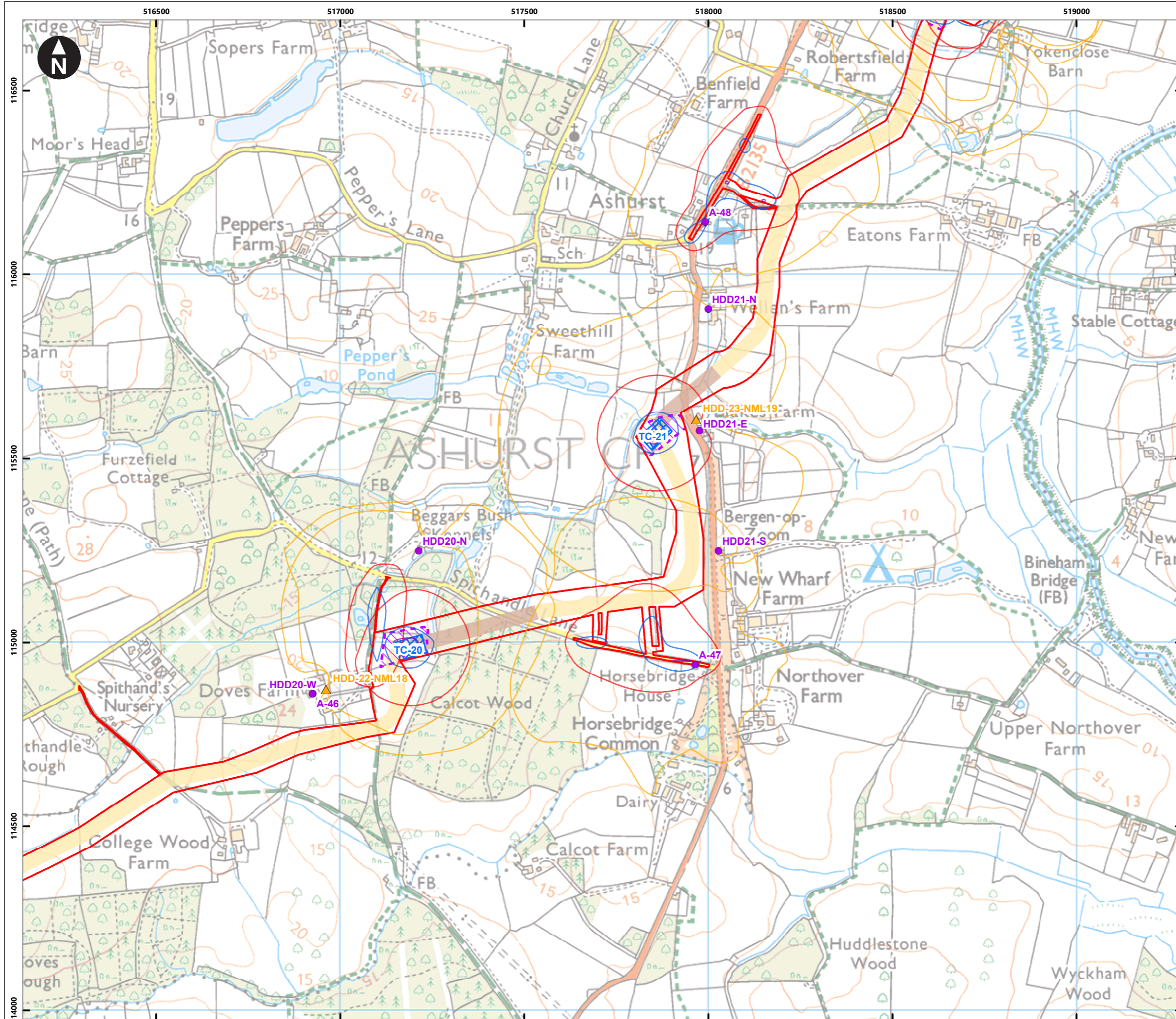
Rampion Extension Development



Rampion 2 Offshore Wind Farm
 Figure 21.4g Construction Noise Contours
 Environmental Statement

System Identifier: 42285-WSPE-ES-ON-FG-ON-4429	Version: 1.0
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Company: WSP	Drawn By: COLLJ	Chk/Prvd: EVANM	Drawn Date: 28/07/2023	Status: FINAL
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Key

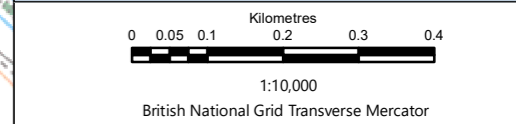
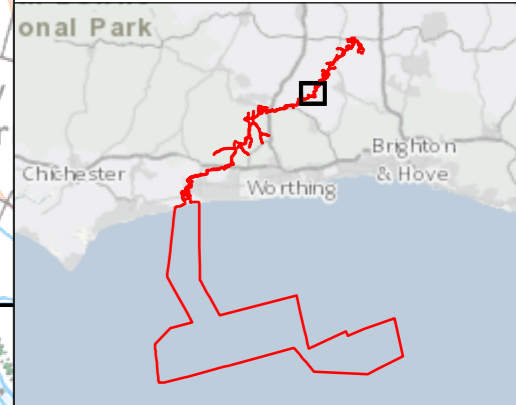
- Proposed DCO Order Limits
- ▲ Monitoring locations
- Receptor locations
- Trenchless Crossing (TC) compounds
- Trenchless Crossing (TC) limits of deviation

Proposed onshore cable construction corridor

- Indicative trenchless section
- Indicative open cut section

Noise Zone (dB)

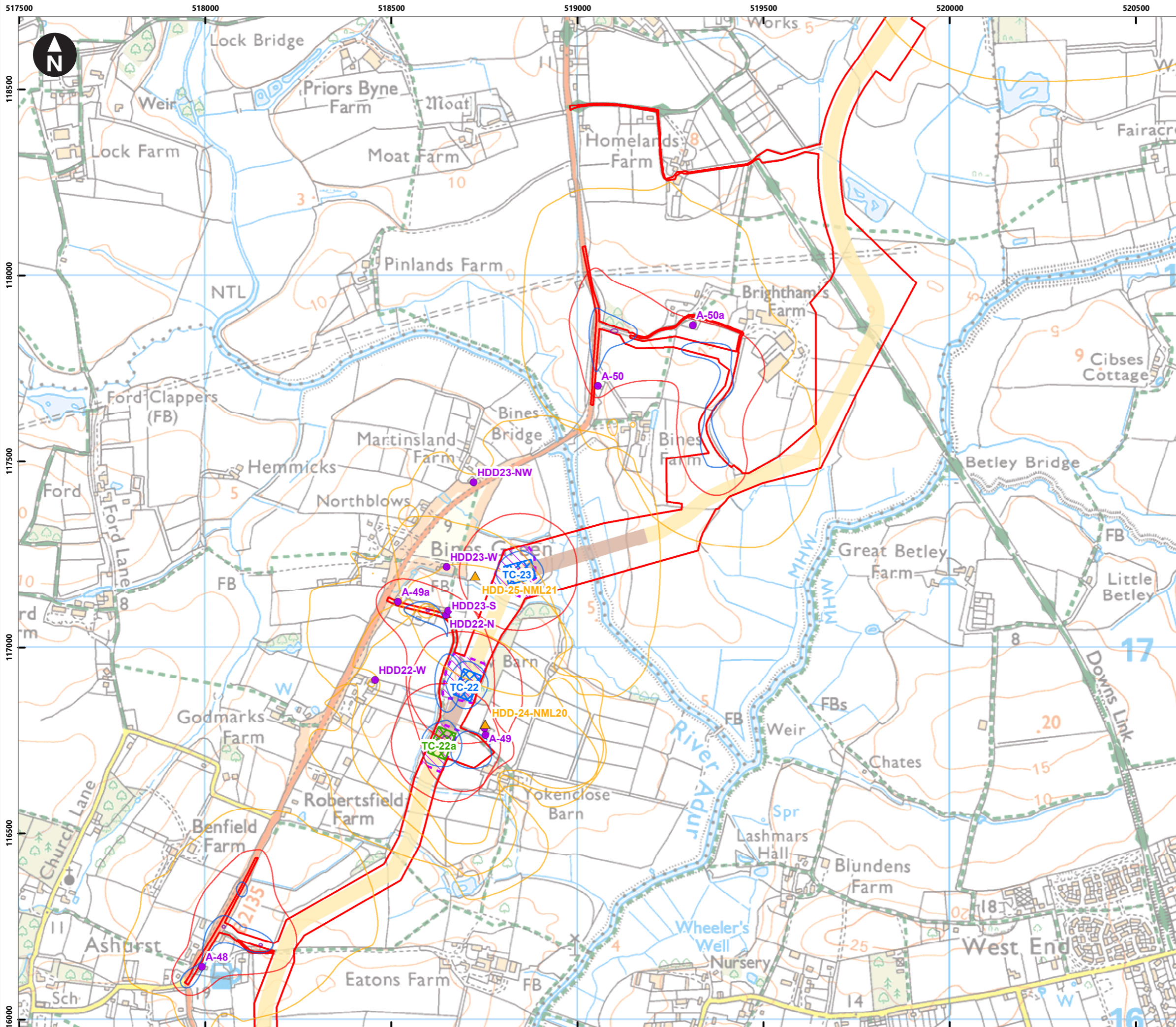
- Below 45
- 45 to 55
- 55 to 65
- 65 to 75
- 75 to 85



Rampion Extension Development

Rampion 2 Offshore Wind Farm
 Figure 21.4h Construction Noise Contours
 Environmental Statement

System Identifier: 42285-WSP-ES-ON-FG-ON-4429		Version: 1.0
Company: WSP	Drawn By: COLLJ	Chk/Prvrd: EVANM
Drawn Date: 28/07/2023	Status: FINAL	



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Key

- Proposed DCO Order Limits
- Monitoring locations
- Receptor locations
- Trenchless Crossing (TC) compounds
- Trenchless Crossing (TC) compound alternatives
- Trenchless Crossing (TC) limits of deviation

Proposed onshore cable construction corridor

- Indicative trenchless section
- Indicative open cut section

Noise Zone (dB)

- Below 45
- 45 to 55
- 55 to 65
- 65 to 75
- 75 to 85

onal Park
 Chichester
 Worthing
 Brighton & Hove

0 0.05 0.1 0.2 0.3 0.4
 Kilometres
 1:10,000
 British National Grid Transverse Mercator

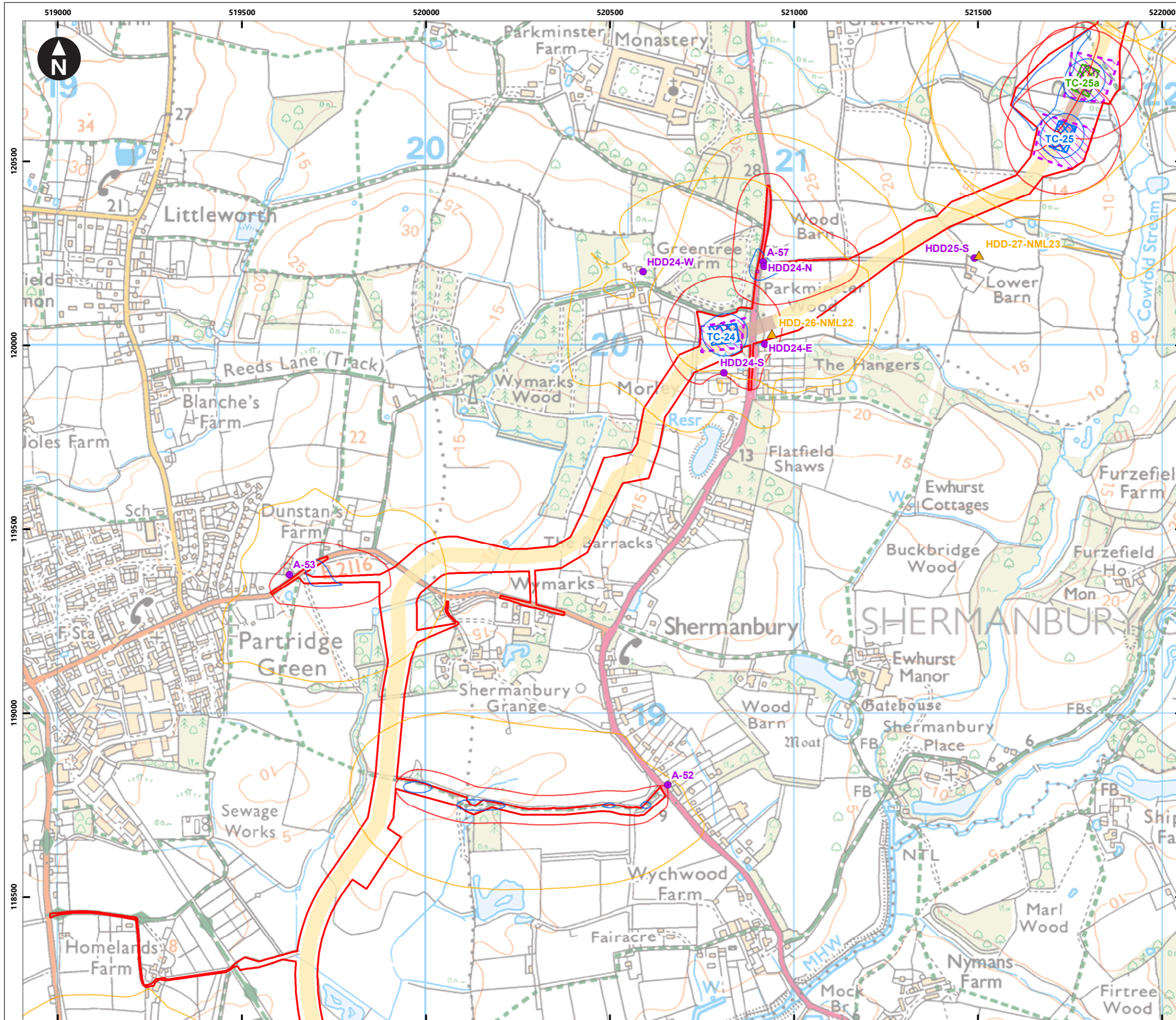
Rampion Extension Development

Rampion 2 WIND FARM

Rampion 2 Offshore Wind Farm
 Figure 21.4i Construction Noise Contours
 Environmental Statement

System Identifier: 42285-WSPE-ES-ON-FG-ON-4429
 Version: 1.0

Company: WSP
 Drawn By: COLLJ
 Chk/Prvrd: EVANM
 Drawn Date: 28/07/2023
 Status: FINAL



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Key

- Proposed DCO Order Limits
- Monitoring locations
- Receptor locations
- Trenchless Crossing (TC) compounds
- Trenchless Crossing (TC) compound alternatives
- Trenchless Crossing (TC) limits of deviation

Proposed onshore cable construction corridor

- Indicative trenchless section
- Indicative open cut section

Noise Zone (dB)

- Below 45
- 45 to 55
- 55 to 65
- 65 to 75
- 75 to 85

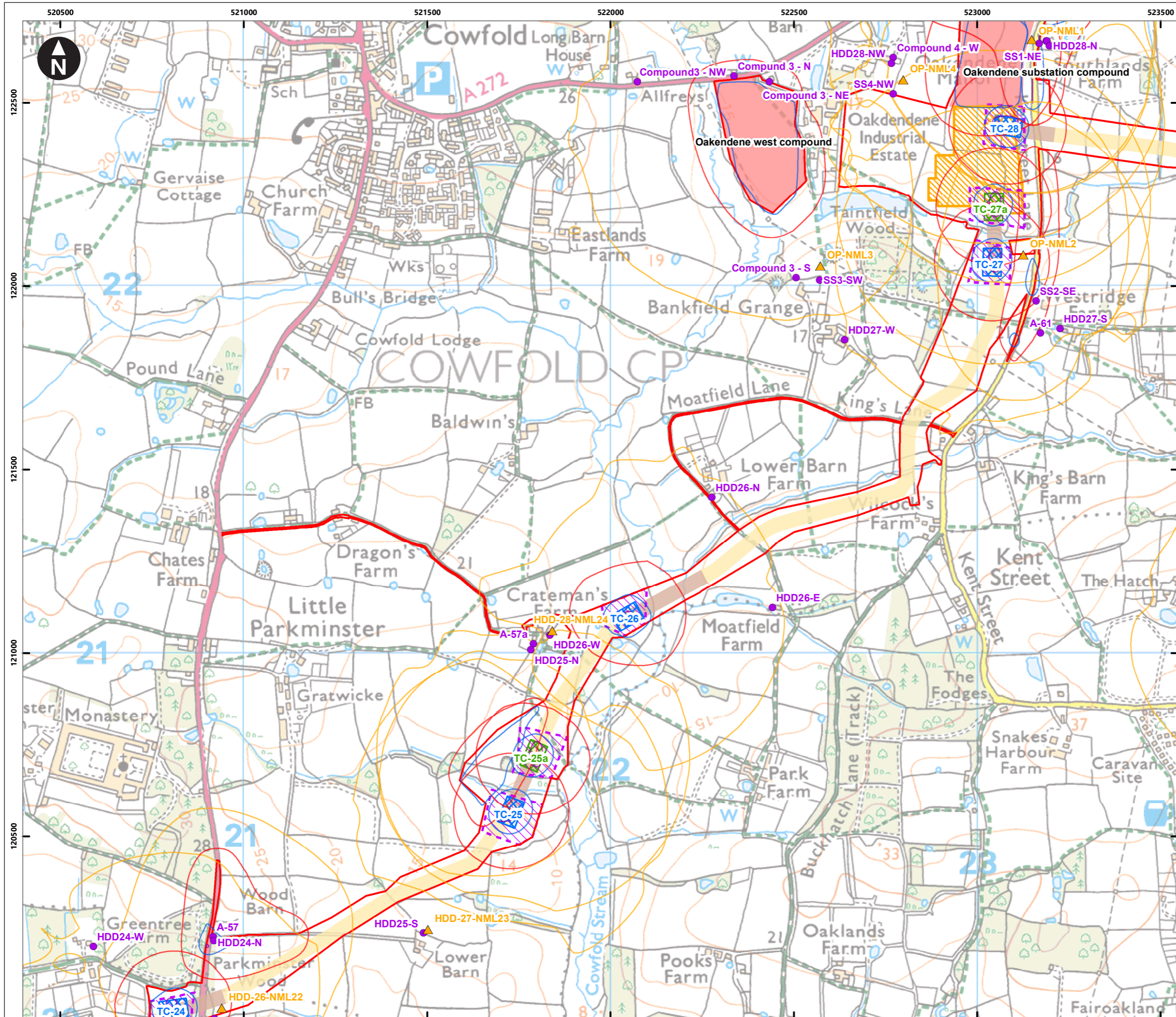
0 0.05 0.1 0.2 0.3 0.4
 Kilometres
 1:10,000
 British National Grid Transverse Mercator

Rampion Extension Development

Rampion 2 WIND FARM

Rampion 2 Offshore Wind Farm
 Figure 21.4j Construction Noise Contours
 Environmental Statement

System Identifier: 42285-WSPE-ES-ON-FG-ON-4429 Version: 1.0
 Company: WSP Drawn By: COLLJ Chk/Prvrd: EVANM Drawn Date: 28/07/2023 Status: FINAL



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Key

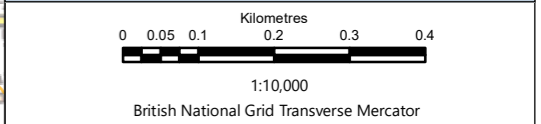
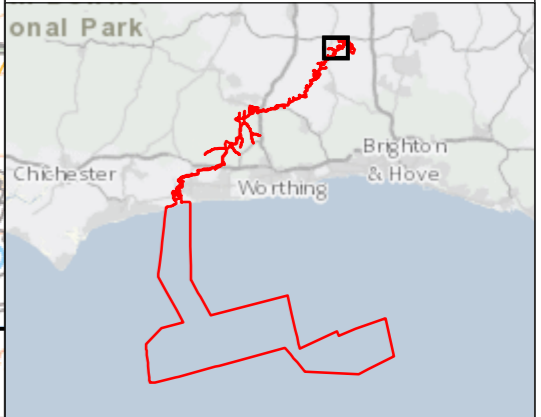
- Proposed DCO Order Limits
- ▲ Monitoring locations
- Receptor locations
- Onshore substation site
- Temporary construction compound
- Trenchless Crossing (TC) compounds
- Trenchless Crossing (TC) compound alternatives
- Trenchless Crossing (TC) limits of deviation

Proposed onshore cable construction corridor

- Indicative trenchless section
- Indicative open cut section

Noise Zone (dB)

- Below 45
- 45 to 55
- 55 to 65
- 65 to 75
- 75 to 85



Rampion Extension Development

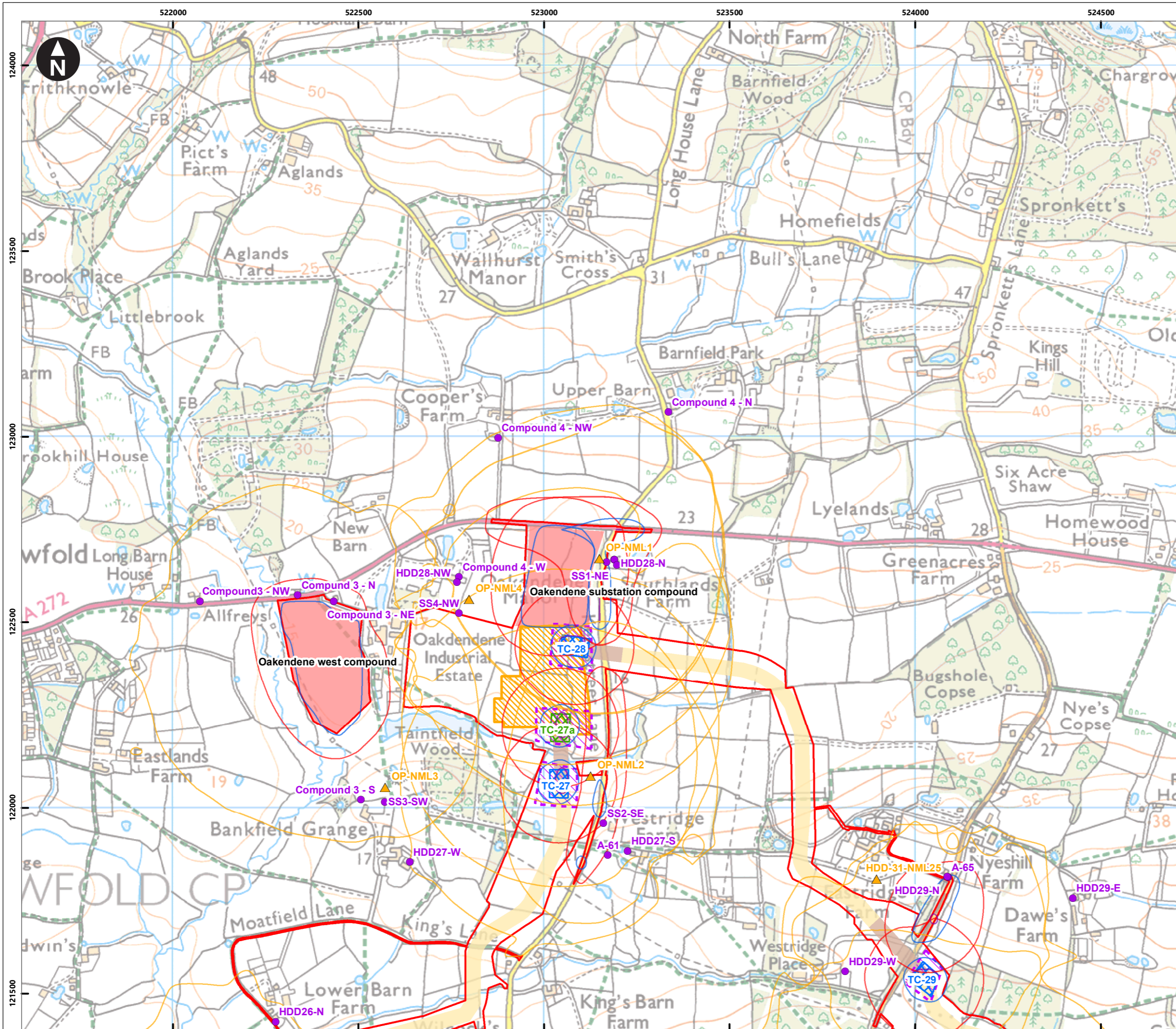


Rampion 2 Offshore Wind Farm

Figure 21.4k Construction Noise Contours

Environmental Statement

System Identifier: 42285-WSPE-ES-ON-FG-ON-4429		Version: 1.0
Company: WSP	Drawn By: COLLJ	Chk/Prvrd: EVANM
Drawn Date: 28/07/2023	Status: FINAL	

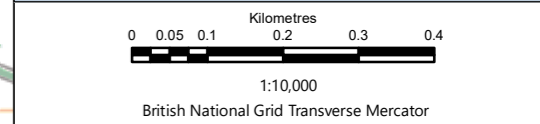
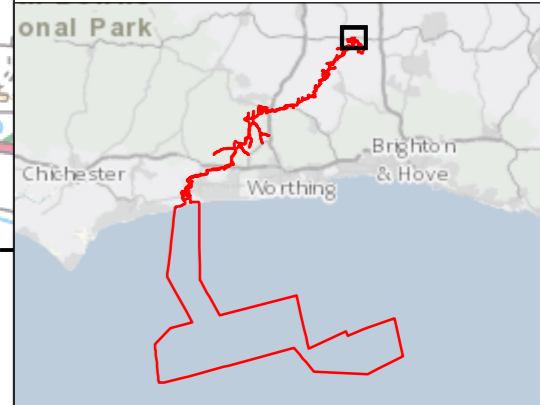


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- Key**
- Proposed DCO Order Limits
 - ▲ Monitoring locations
 - Receptor locations
 - Onshore substation site
 - Temporary construction compound
 - Trenchless Crossing (TC) compounds
 - Trenchless Crossing (TC) compound alternatives
 - Trenchless Crossing (TC) limits of deviation

- Proposed onshore cable construction corridor**
- Indicative trenchless section
 - Indicative open cut section

- Noise Zone (dB)**
- Below 45
 - 45 to 55
 - 55 to 65
 - 65 to 75
 - 75 to 85

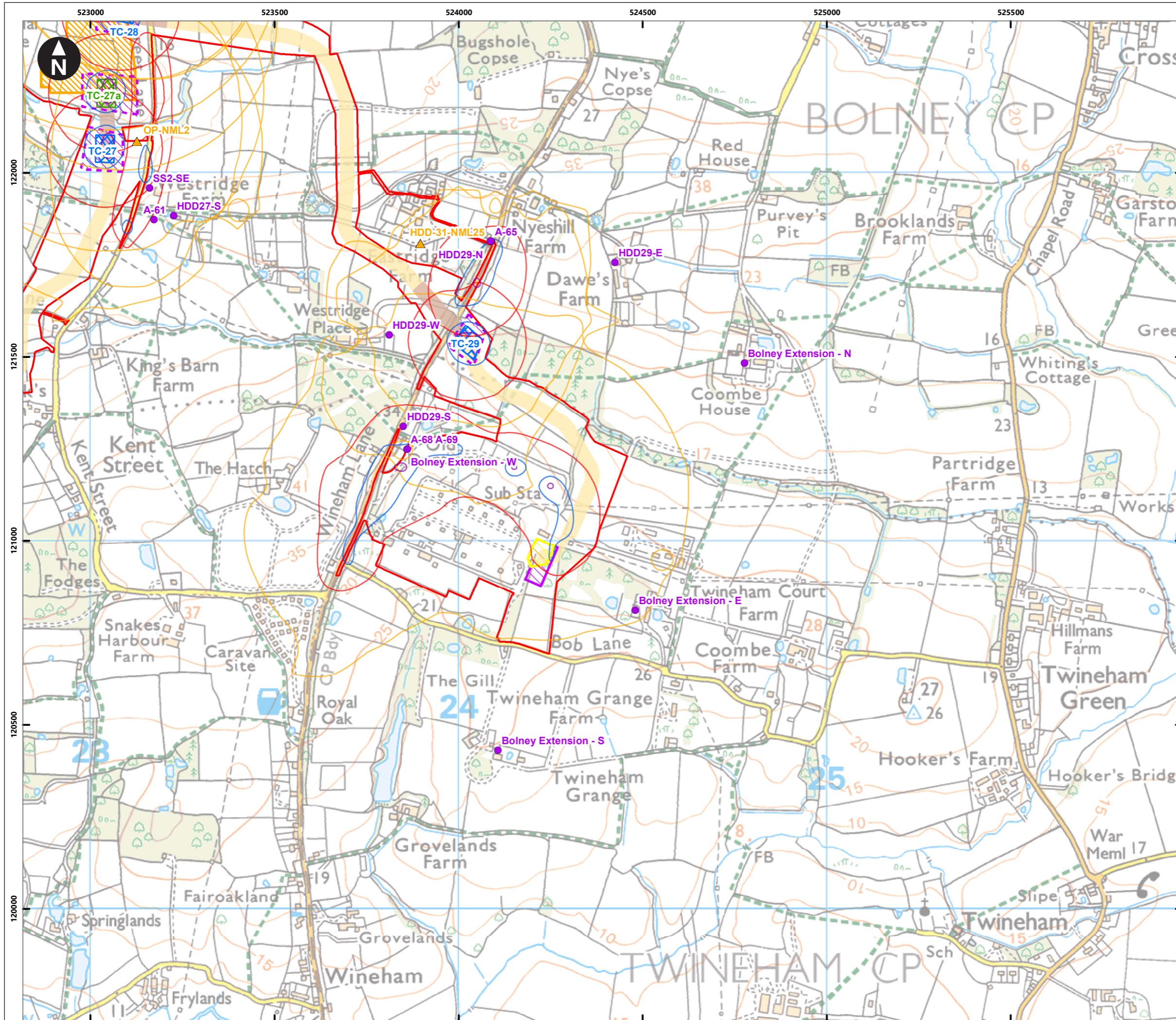


Rampion Extension Development

Rampion 2 Offshore Wind Farm
 Figure 21.4I Construction Noise Contours
 Environmental Statement

System Identifier: 42285-WSP-ES-ON-FG-ON-4429	Version: 1.0
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Company: WSP	Drawn By: COLLJ	Chk/Prvrd: EVANM	Drawn Date: 28/07/2023	Status: FINAL
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Key

- Proposed DCO Order Limits
- Monitoring locations
- Receptor locations
- Onshore substation site
- Bolney Substation extension (GIS)
- Bolney Substation extension (AIS)
- Trenchless Crossing (TC) compounds
- Trenchless Crossing (TC) compound alternatives
- Trenchless Crossing (TC) limits of deviation

Proposed onshore cable construction corridor

- Indicative trenchless section
- Indicative open cut section

Noise Zone (dB)

- Below 45
- 45 to 55
- 55 to 65
- 65 to 75
- 75 to 85

0 0.05 0.1 0.2 0.3 0.4
 Kilometres
 1:10,000
 British National Grid Transverse Mercator

Rampion Extension Development

Rampion 2 Offshore Wind Farm

Figure 21.4m Construction Noise Contours

Environmental Statement

System Identifier: 42285-WSPE-ES-ON-FG-ON-4429 Version: 1.0

Company: WSP Drawn By: COLLJ Chk/Prvd: EVANM Drawn Date: 28/07/2023 Status: FINAL



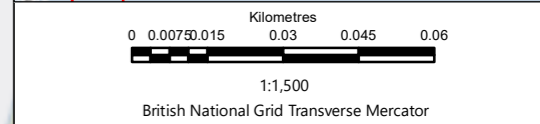
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Key

- Proposed DCO Order Limits
- Onshore substation site
- Statcom Heat Exchanger
- Statcom Cooling Unit
- Statcom Electrics
- Cooling Unit
- Harmonic Filter
- Main Transformer
- Shunt Reactor

Noise Zone (dB)

- Below 45
- 45 to 55
- 55 to 65



Rampion Extension Development

Rampion 2 Offshore Wind Farm
 Figure 21.5 Substation Noise Mitigated
 Environmental Statement

System Identifier: 42285-WSPE-ES-ON-FG-ON-2112				Version: 1.0
Company: WSP	Drawn By: COLLJ	Chk/Aprvd: EVANM	Drawn Date: 31/07/2023	Status: FINAL