

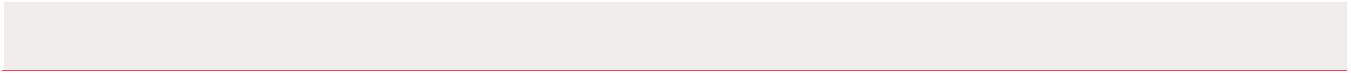
Rampion 2 Wind Farm
Category 6:
Environmental Statement
Volume 3, Chapter 18: Landscape
and visual impact assessment –
Figures (Part 1 of 6)
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Revision A

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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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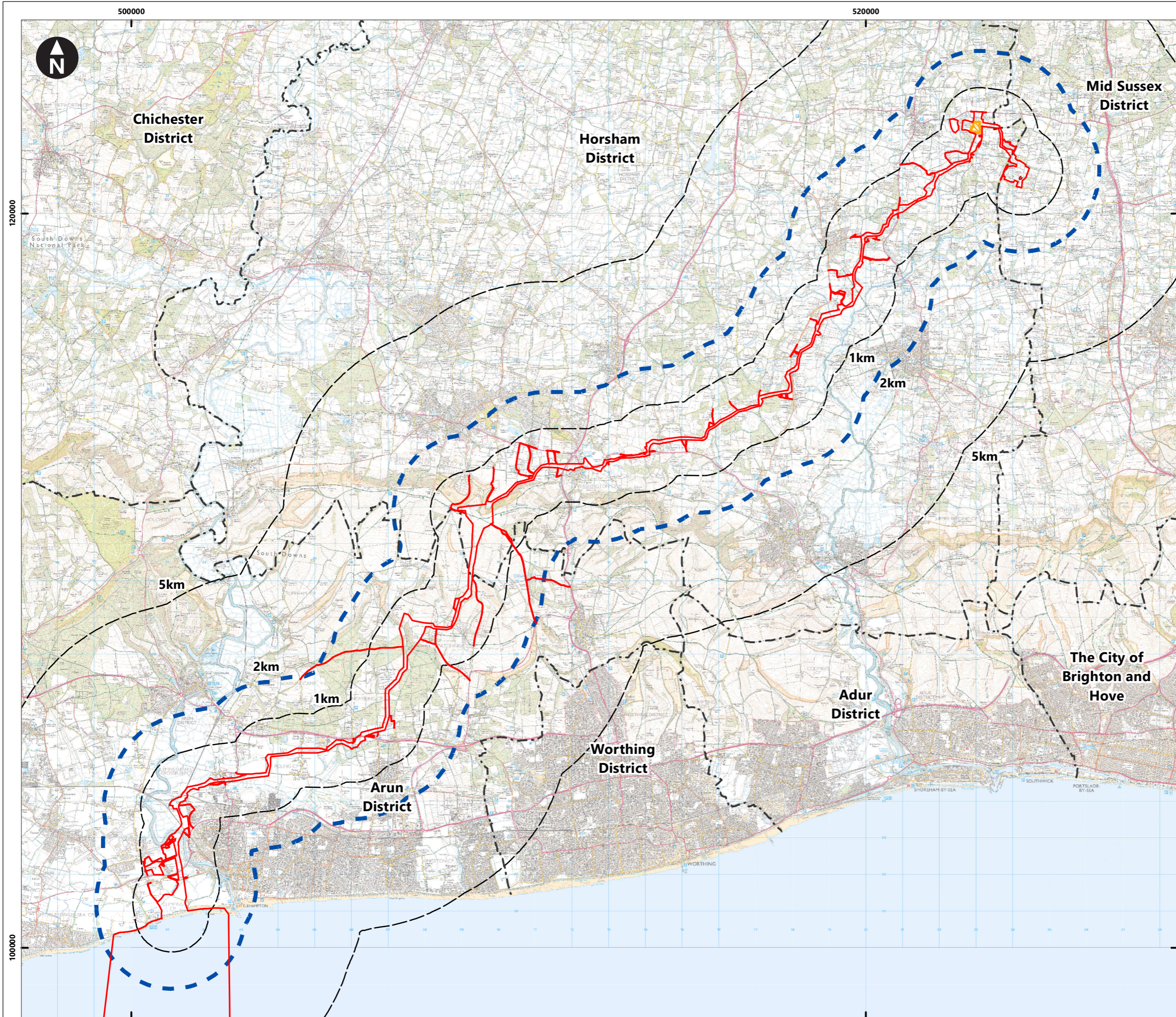
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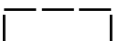

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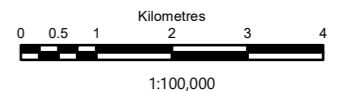
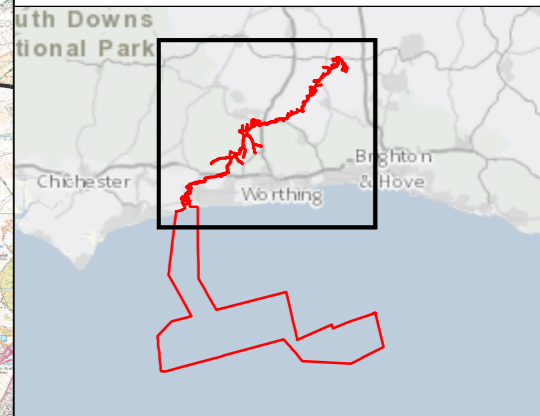
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Key

-  Proposed DCO Order Limits
-  Onshore substation
-  Bolney Substation extension (AIS/GIS)
-  Landscape and Visual Study Area
-  Lines indicating the distance from the centre of the Proposed DCO Order Limits
-  Local authority district administrative boundaries

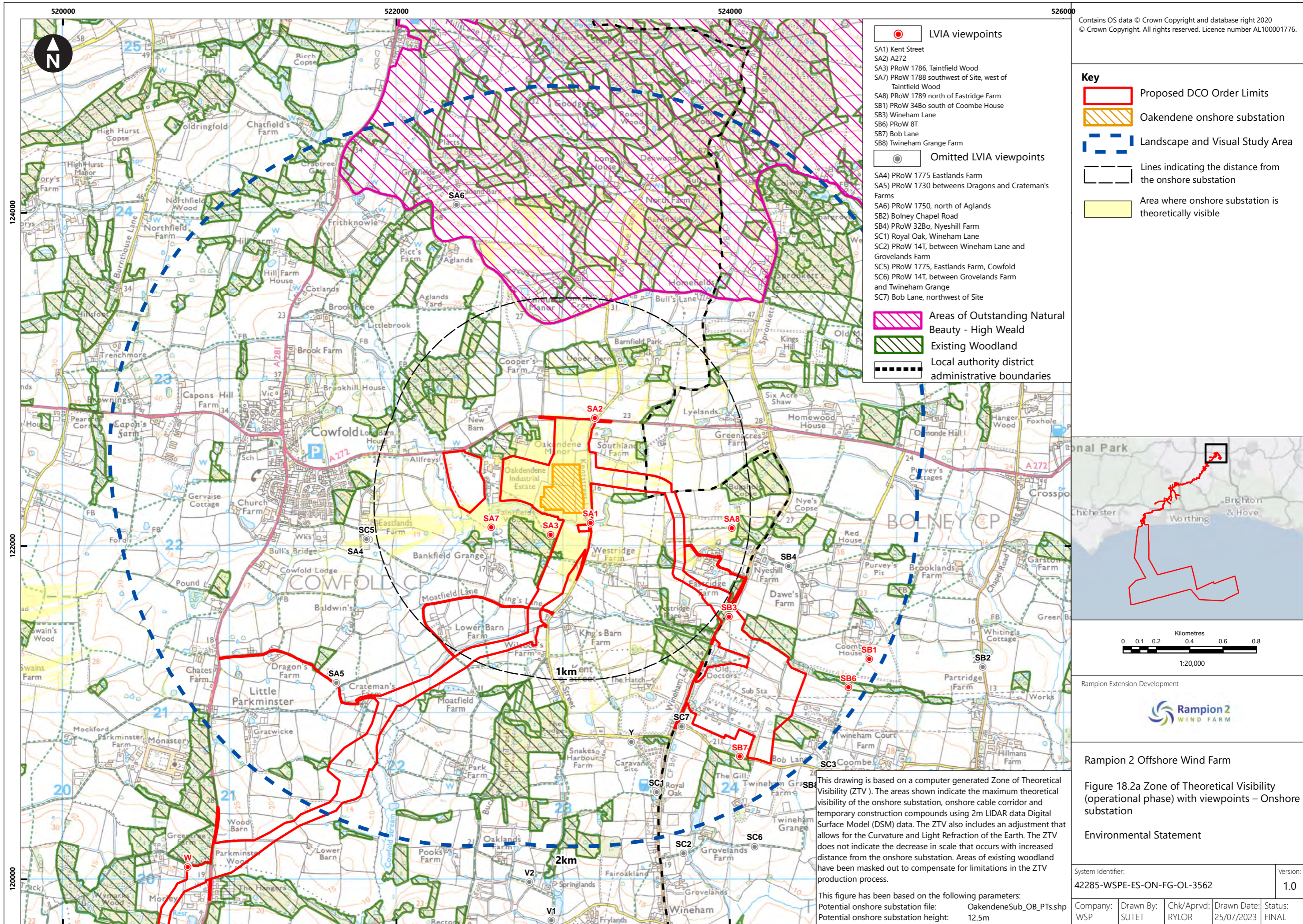


Rampion Extension Development



Rampion 2 Offshore Wind Farm
 Figure 18.1 Landscape and Visual Study Area
 Environmental Statement

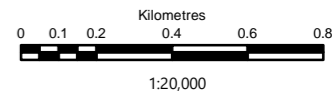
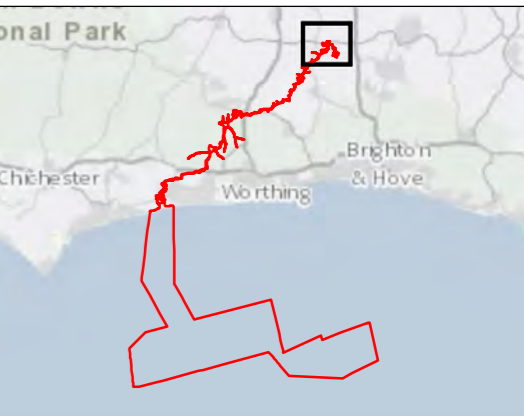
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Company: WSP	Drawn By: SUTET	Chk/Aprvd: RYLOR	Drawn Date: 22/06/2023	Status: FINAL



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- LVIA viewpoints**
- SA1) Kent Street
 - SA2) A272
 - SA3) PRoW 1786, Taintfield Wood
 - SA7) PRoW 1788 southwest of Site, west of Taintfield Wood
 - SA8) PRoW 1789 north of Eastridge Farm
 - SB1) PRoW 34Bo south of Coombe House
 - SB3) Wineham Lane
 - SB6) PRoW 8T
 - SB7) Bob Lane
 - SB8) Twineham Grange Farm
- Omitted LVIA viewpoints**
- SA4) PRoW 1775 Eastlands Farm
 - SA5) PRoW 1730 between Dragons and Crateman's Farms
 - SA6) PRoW 1750, north of Aglands
 - SB2) Bolney Chapel Road
 - SB4) PRoW 32Bo, Nyeshill Farm
 - SC1) Royal Oak, Wineham Lane
 - SC2) PRoW 14T, between Wineham Lane and Grovelands Farm
 - SC5) PRoW 1775, Eastlands Farm, Cowfold
 - SC6) PRoW 14T, between Grovelands Farm and Twineham Grange
 - SC7) Bob Lane, northwest of Site
- Areas of Outstanding Natural Beauty - High Weald**
- Existing Woodland**
- Local authority district administrative boundaries**

- Key**
- Proposed DCO Order Limits
 - Oakendene onshore substation
 - Landscape and Visual Study Area
 - Lines indicating the distance from the onshore substation
 - Area where onshore substation is theoretically visible



Rampion 2 Offshore Wind Farm

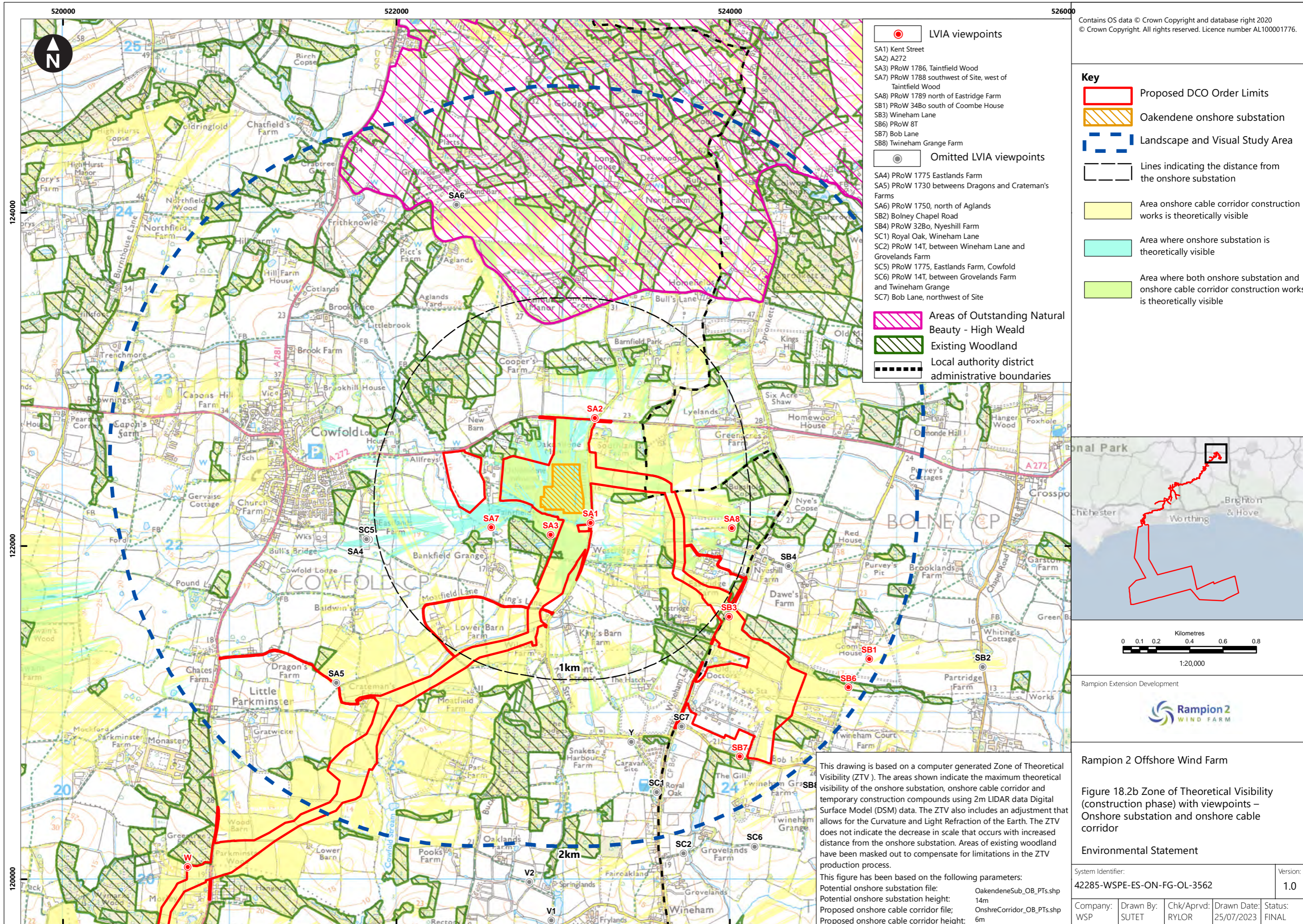
Figure 18.2a Zone of Theoretical Visibility (operational phase) with viewpoints – Onshore substation

Environmental Statement

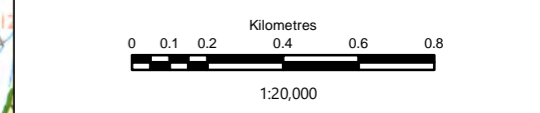
This drawing is based on a computer generated Zone of Theoretical Visibility (ZTV). The areas shown indicate the maximum theoretical visibility of the onshore substation, onshore cable corridor and temporary construction compounds using 2m LIDAR data Digital Surface Model (DSM) data. The ZTV also includes an adjustment that allows for the Curvature and Light Refraction of the Earth. The ZTV does not indicate the decrease in scale that occurs with increased distance from the onshore substation. Areas of existing woodland have been masked out to compensate for limitations in the ZTV production process.

This figure has been based on the following parameters:
 Potential onshore substation file: OakendeneSub_OB_PT.shp
 Potential onshore substation height: 12.5m

System Identifier: 42285-WSP-ES-ON-FG-OL-3562		Version: 1.0	
Company: WSP	Drawn By: SUTET	Chk/Prvd: RYLOR	Drawn Date: Status: 25/07/2023 FINAL



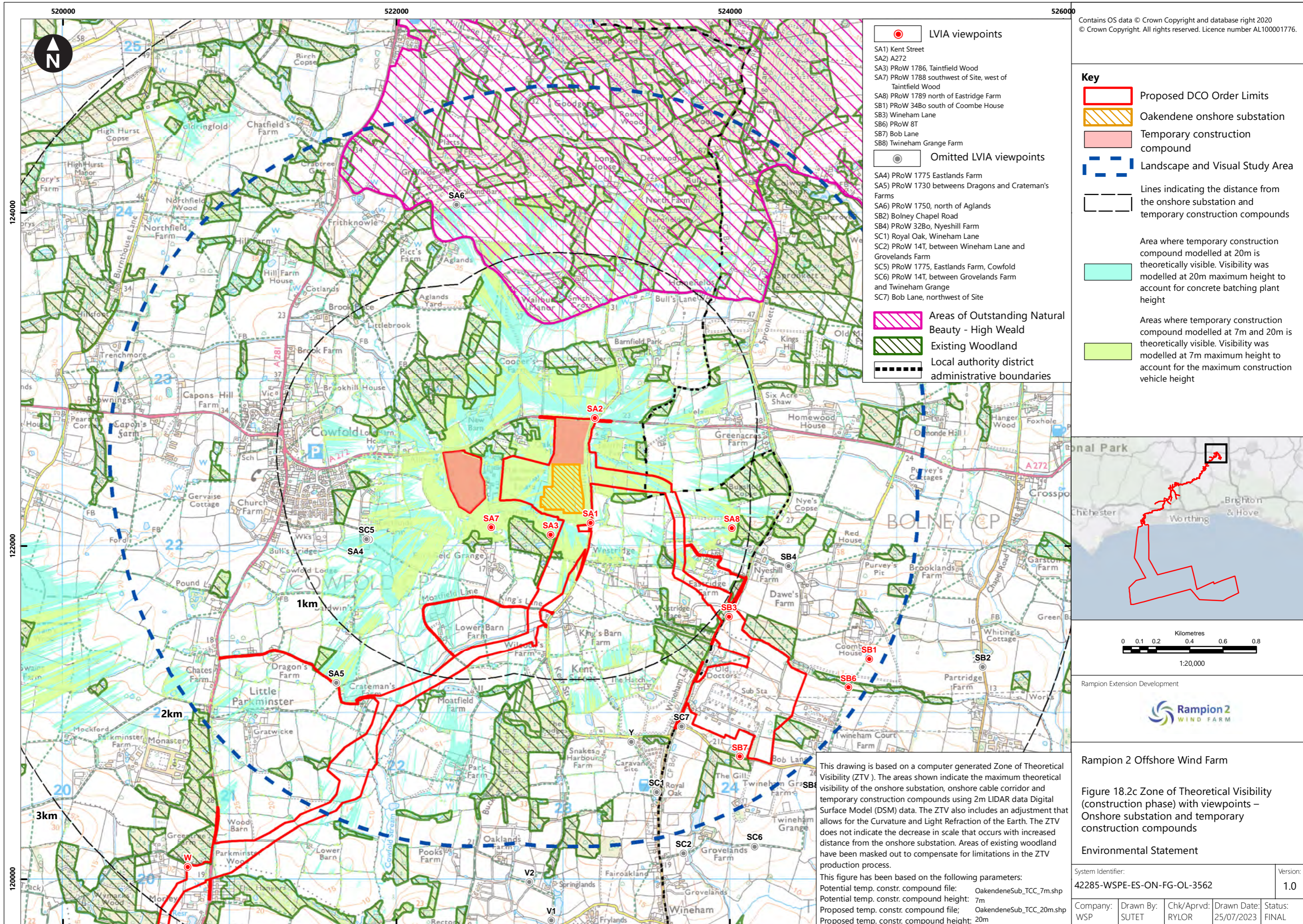
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Rampion 2 Offshore Wind Farm
 Figure 18.2b Zone of Theoretical Visibility (construction phase) with viewpoints – Onshore substation and onshore cable corridor

Environmental Statement

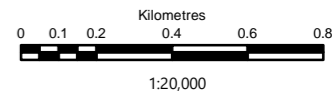
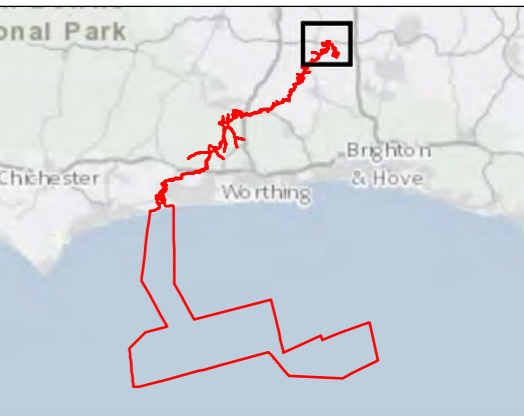
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Status:	FINAL		



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 - SB6) PRoW 8T
 - SB7) Bob Lane
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 - SA5) PRoW 1730 between Dragons and Crateman's Farms
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 - SC6) PRoW 14T, between Grovelands Farm and Twineham Grange
 - SC7) Bob Lane, northwest of Site
- Areas of Outstanding Natural Beauty - High Weald
 - Existing Woodland
 - Local authority district administrative boundaries

- Key**
- Proposed DCO Order Limits
 - Oakendene onshore substation
 - Temporary construction compound
 - Landscape and Visual Study Area
 - Lines indicating the distance from the onshore substation and temporary construction compounds
 - Area where temporary construction compound modelled at 20m is theoretically visible. Visibility was modelled at 20m maximum height to account for concrete batching plant height
 - Areas where temporary construction compound modelled at 7m and 20m is theoretically visible. Visibility was modelled at 7m maximum height to account for the maximum construction vehicle height



Rampion 2 Offshore Wind Farm
 Figure 18.2c Zone of Theoretical Visibility (construction phase) with viewpoints – Onshore substation and temporary construction compounds

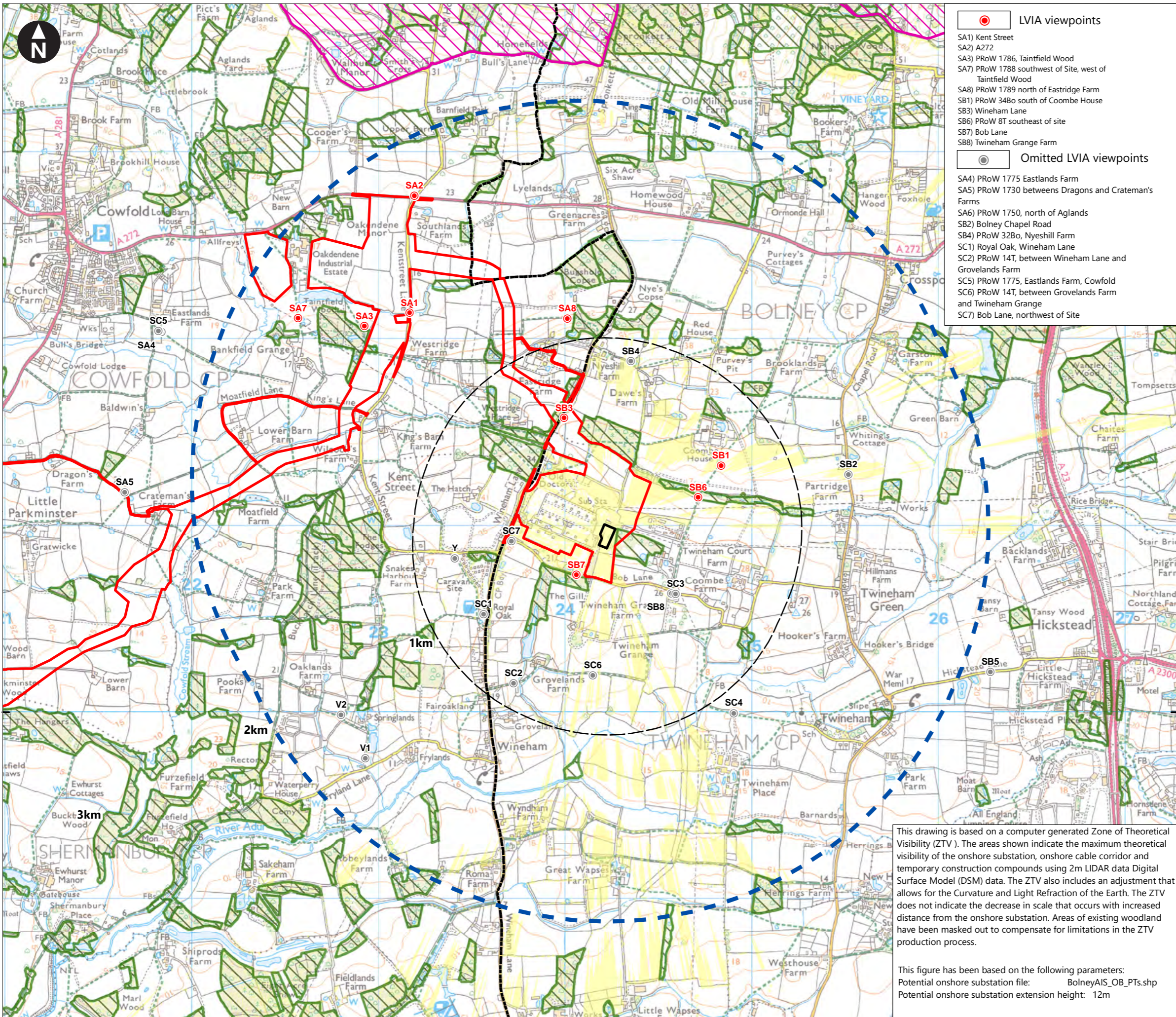
Environmental Statement

System Identifier:		Version:	
42285-WSP-ES-ON-FG-OL-3562		1.0	
Company:	Drawn By:	Chk/Prvd:	Drawn Date:
WSP	SUTET	RYLOR	25/07/2023
Status:	FINAL		

This drawing is based on a computer generated Zone of Theoretical Visibility (ZTV). The areas shown indicate the maximum theoretical visibility of the onshore substation, onshore cable corridor and temporary construction compounds using 2m LIDAR data Digital Surface Model (DSM) data. The ZTV also includes an adjustment that allows for the Curvature and Light Refraction of the Earth. The ZTV does not indicate the decrease in scale that occurs with increased distance from the onshore substation. Areas of existing woodland have been masked out to compensate for limitations in the ZTV production process.

This figure has been based on the following parameters:

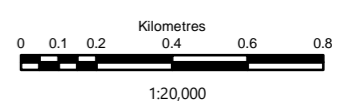
- Potential temp. constr. compound file: OakendeneSub_TCC_7m.shp
- Potential temp. constr. compound height: 7m
- Proposed temp. constr. compound file: OakendeneSub_TCC_20m.shp
- Proposed temp. constr. compound height: 20m



- L VIA viewpoints**
- SA1) Kent Street
 - SA2) A272
 - SA3) PRoW 1786, Taintfield Wood
 - SA7) PRoW 1788 southwest of Site, west of Taintfield Wood
 - SA8) PRoW 1789 north of Eastridge Farm
 - SB1) PRoW 34Bo south of Coombe House
 - SB3) Wineham Lane
 - SB6) PRoW 8T southeast of site
 - SB7) Bob Lane
 - SB8) Twineham Grange Farm
- Omitted L VIA viewpoints**
- SA4) PRoW 1775 Eastlands Farm
 - SA5) PRoW 1730 between Dragons and Crateman's Farms
 - SA6) PRoW 1750, north of Aglands
 - SB2) Bolney Chapel Road
 - SB4) PRoW 32Bo, Nyeshill Farm
 - SC1) Royal Oak, Wineham Lane
 - SC2) PRoW 14T, between Wineham Lane and Grovelands Farm
 - SC5) PRoW 1775, Eastlands Farm, Cowfold
 - SC6) PRoW 14T, between Grovelands Farm and Twineham Grange
 - SC7) Bob Lane, northwest of Site

- Key**
- Proposed DCO Order Limits
 - Bolney Substation extension (AIS)*
 - Landscape and Visual Study Area
 - Lines indicating the distance from the Bolney substation extension (AIS)
 - Area where Bolney substation extension (AIS) is theoretically visible
 - Areas of Outstanding Natural Beauty - High Weald
 - Existing Woodland
 - Local authority district administrative boundaries

*AIS = Air Insulated Switchgear



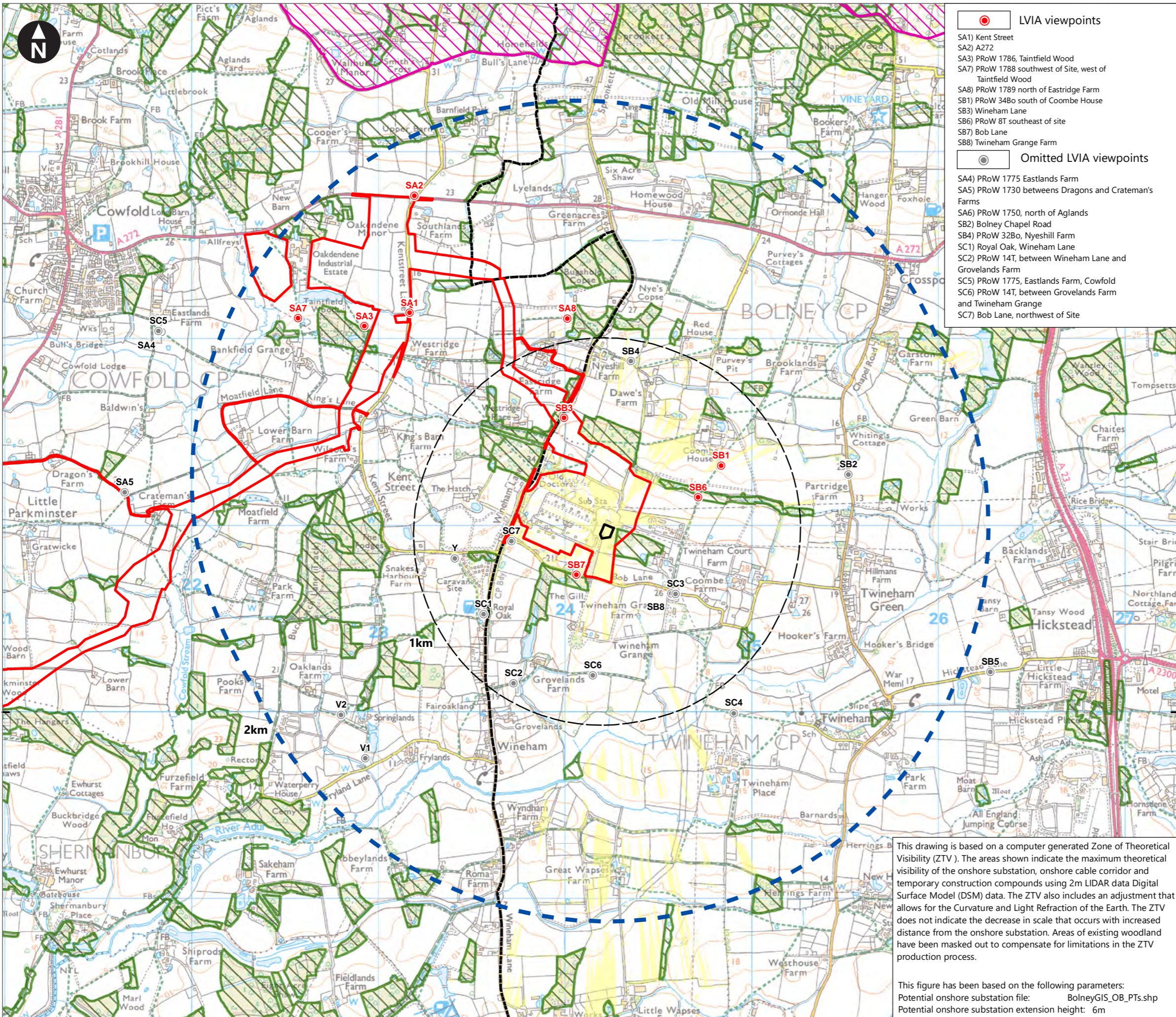
This drawing is based on a computer generated Zone of Theoretical Visibility (ZTV). The areas shown indicate the maximum theoretical visibility of the onshore substation, onshore cable corridor and temporary construction compounds using 2m LIDAR data Digital Surface Model (DSM) data. The ZTV also includes an adjustment that allows for the Curvature and Light Refraction of the Earth. The ZTV does not indicate the decrease in scale that occurs with increased distance from the onshore substation. Areas of existing woodland have been masked out to compensate for limitations in the ZTV production process.

This figure has been based on the following parameters:
 Potential onshore substation file: BolneyAIS_OB_PT_S.shp
 Potential onshore substation extension height: 12m



Rampion 2 Offshore Wind Farm
 Figure 18.3a Zone of Theoretical Visibility (operational phase) with viewpoints – Bolney substation extension (AIS)
 Environmental Statement

System Identifier: 42285-WSP-ES-ON-FG-OL-1595		Version: 1.0	
Company: WSP	Drawn By: SUTET	Chk/Prvd: RYLOR	Drawn Date: 20/07/2023
Status: FINAL			

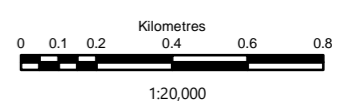


- L VIA viewpoints**
- SA1 Kent Street
 - SA2 A272
 - SA3 PRoW 1786, Taintfield Wood
 - SA7 PRoW 1788 southwest of Site, west of Taintfield Wood
 - SA8 PRoW 1789 north of Eastridge Farm
 - SB1 PRoW 34Bo south of Coombe House
 - SB3 Wineham Lane
 - SB6 PRoW 8T southeast of site
 - SB7 Bob Lane
 - SB8 Twineham Grange Farm
- Omitted L VIA viewpoints**
- SA4 PRoW 1775 Eastlands Farm
 - SA5 PRoW 1730 between Dragons and Crateman's Farms
 - SA6 PRoW 1750, north of Aglands
 - SB2 Bolney Chapel Road
 - SB4 PRoW 32Bo, Nyeshill Farm
 - SC1 Royal Oak, Wineham Lane
 - SC2 PRoW 14T, between Wineham Lane and Grovelands Farm
 - SC5 PRoW 1775, Eastlands Farm, Cowfold
 - SC6 PRoW 14T, between Grovelands Farm and Twineham Grange
 - SC7 Bob Lane, northwest of Site

Key

- Proposed DCO Order Limits
- Bolney substation extension (GIS)*
- Landscape and Visual Study Area
- Lines indicating the distance from the Bolney substation extension (GIS)
- Area where Bolney Substation extension (GIS) is theoretically visible
- Areas of Outstanding Natural Beauty - High Weald
- Existing Woodland
- Local authority district administrative boundaries

*GIS = Gas Insulated Switchgear



Rampion Extension Development

Rampion 2 Offshore Wind Farm

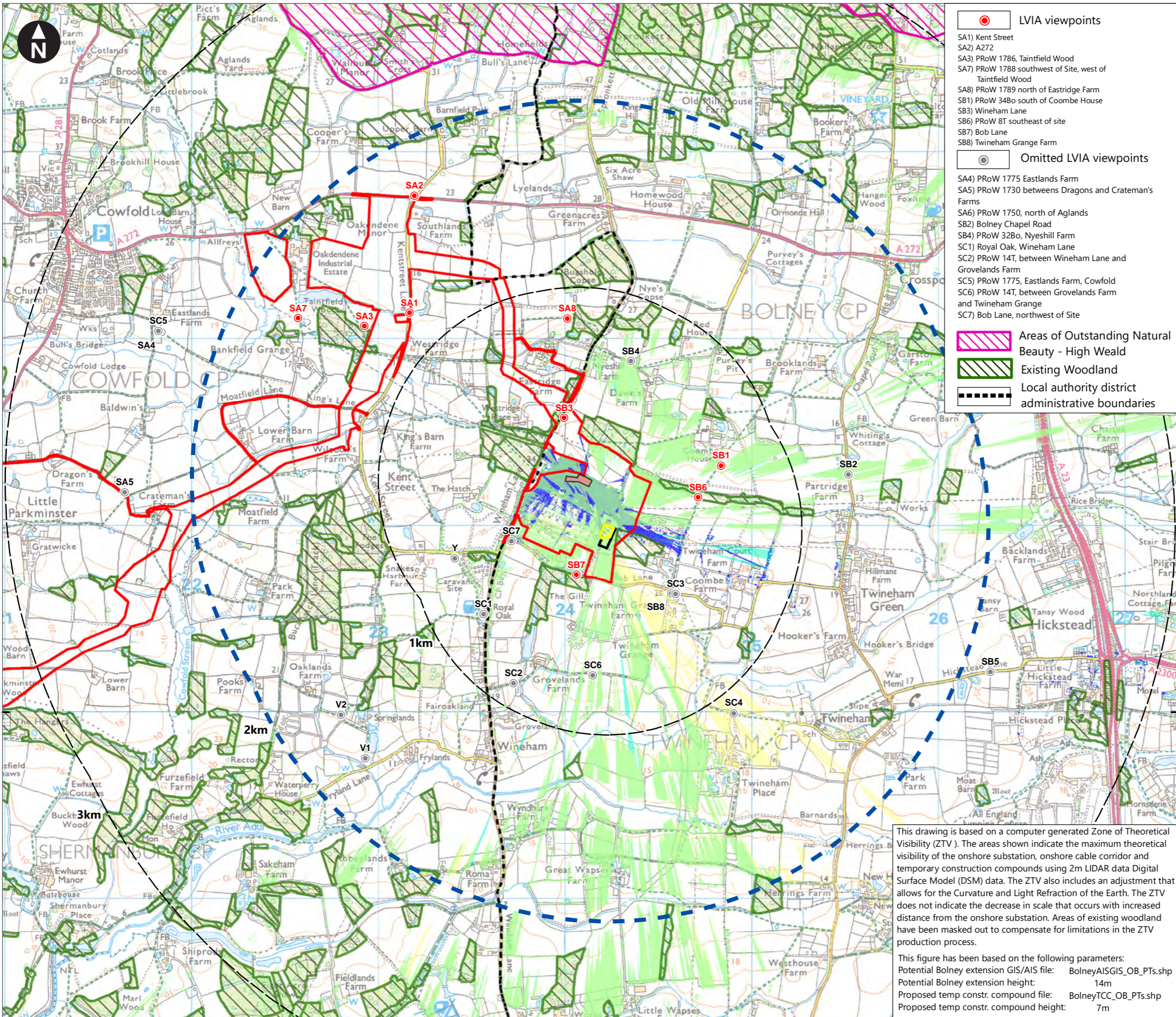
Figure 18.3b Zone of Theoretical Visibility (operational phase) with viewpoints – Bolney substation extension (GIS)

Environmental Statement

This drawing is based on a computer generated Zone of Theoretical Visibility (ZTV). The areas shown indicate the maximum theoretical visibility of the onshore substation, onshore cable corridor and temporary construction compounds using 2m LIDAR data Digital Surface Model (DSM) data. The ZTV also includes an adjustment that allows for the Curvature and Light Refraction of the Earth. The ZTV does not indicate the decrease in scale that occurs with increased distance from the onshore substation. Areas of existing woodland have been masked out to compensate for limitations in the ZTV production process.

This figure has been based on the following parameters:
 Potential onshore substation file: BolneyGIS_OB_PT.shp
 Potential onshore substation extension height: 6m

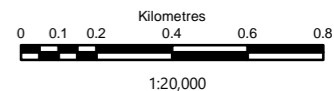
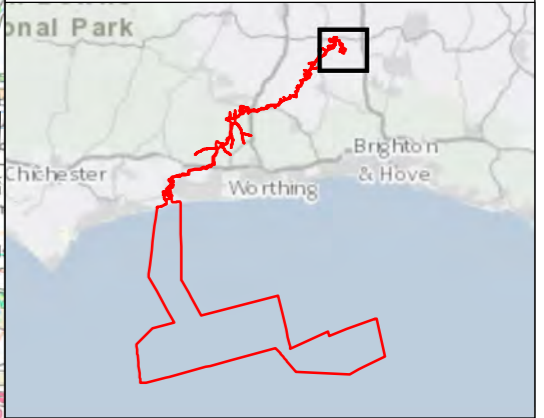
System Identifier: 42285-WSP-ES-ON-FG-OL-1595		Version: 1.0
Company: WSP	Drawn By: SUTET	Chk/Prvd: RYLOR
Drawn Date: 20/07/2023	Status: FINAL	



- L VIA viewpoints**
- SA1 Kent Street
 - SA2 A272
 - SA3 PRoW 1786, Taintfield Wood
 - SA7 PRoW 1788 southwest of Site, west of Taintfield Wood
 - SA8 PRoW 1789 north of Eastridge Farm
 - SB1 PRoW 348o south of Coombe House
 - SB3 Wineham Lane
 - SB6 PRoW 8T southeast of site
 - SB7 Bob Lane
 - SB8) Twineham Grange Farm
- Omitted L VIA viewpoints**
- SA4 PRoW 1775 Eastlands Farm
 - SA5 PRoW 1730 between Dragons and Crateman's Farms
 - SA6 PRoW 1750, north of Aglands
 - SB2 Bolney Chapel Road
 - SB4) PRoW 32Bo, Nyeshill Farm
 - SC1) Royal Oak, Wineham Lane
 - SC2) PRoW 14T, between Wineham Lane and Grovelands Farm
 - SC5) PRoW 1775, Eastlands Farm, Cowfold
 - SC6) PRoW 14T, between Grovelands Farm and Twineham Grange
 - SC7) Bob Lane, northwest of Site
- Areas of Outstanding Natural Beauty - High Weald**
- Existing Woodland**
- Local authority district administrative boundaries**

- Proposed DCO Order Limits
- Bolney substation extension (AIS)*
- Bolney substation extension (GIS)*
- Temporary construction compound
- Landscape and Visual Study Area
- Lines indicating the distance from the Bolney substation extension (AIS/GIS) and temporary construction compounds
- Area where Bolney substation extension (AIS) is theoretically visible
- Area where Bolney substation extension (GIS) is theoretically visible
- Area where the temporary construction compound for the Bolney substation extension (AIS/GIS) is theoretically visible
- Area where both Bolney substation extension (AIS/GIS) is theoretically visible
- Area where both Bolney substation extension (AIS/GIS) and temporary construction compound is theoretically visible.

*AIS = Air Insulated Switchgear
 GIS = Gas Insulated Switchgear



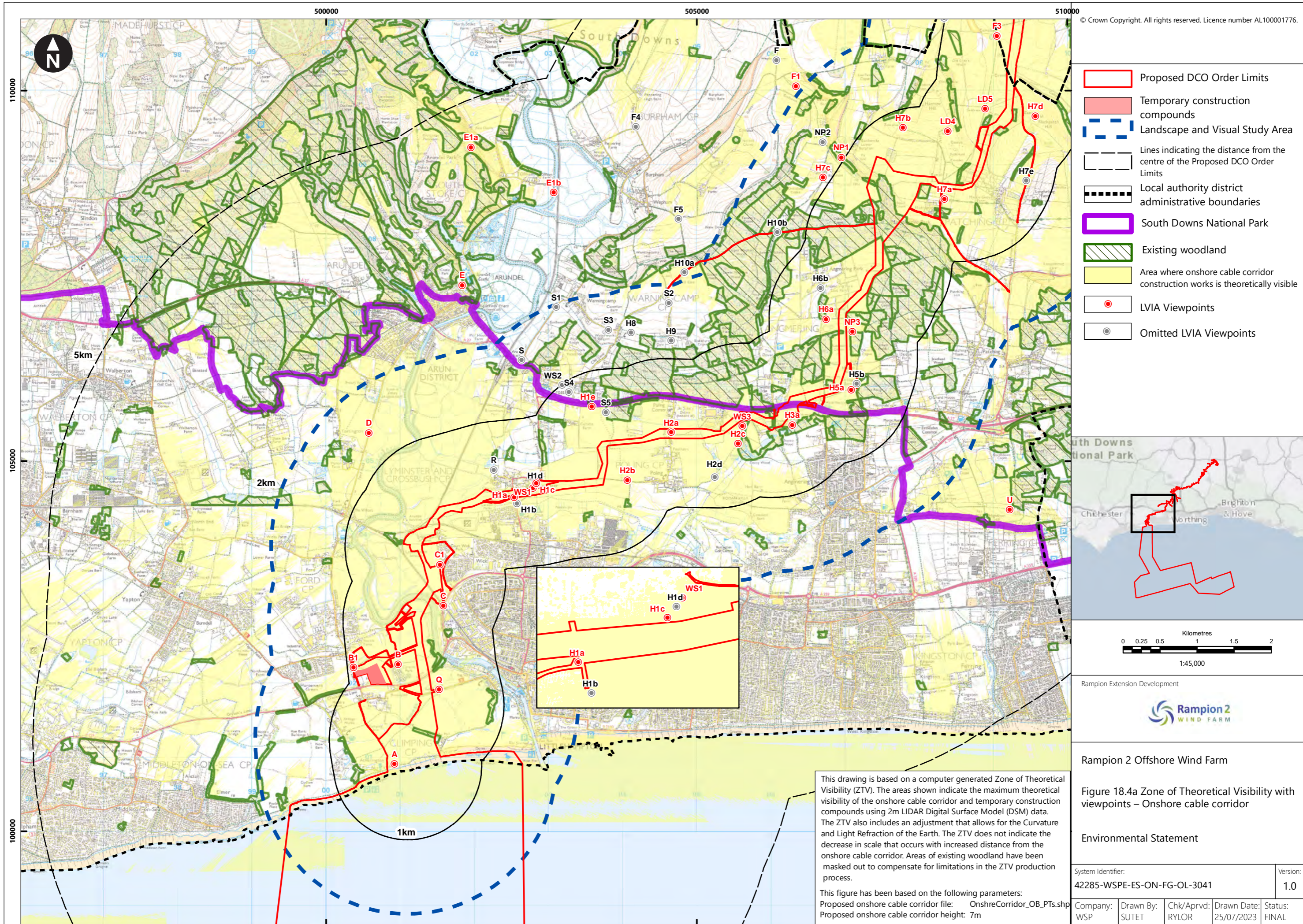
This drawing is based on a computer generated Zone of Theoretical Visibility (ZTV). The areas shown indicate the maximum theoretical visibility of the onshore substation, onshore cable corridor and temporary construction compounds using 2m LIDAR data Digital Surface Model (DSM) data. The ZTV also includes an adjustment that allows for the Curvature and Light Refraction of the Earth. The ZTV does not indicate the decrease in scale that occurs with increased distance from the onshore substation. Areas of existing woodland have been masked out to compensate for limitations in the ZTV production process.

This figure has been based on the following parameters:
 Potential Bolney extension GIS/AIS file: BolneyAISGIS_OB_PT.shp
 Potential Bolney extension height: 14m
 Proposed temp constr. compound file: BolneyTCC_OB_PT.shp
 Proposed temp constr. compound height: 7m



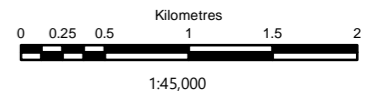
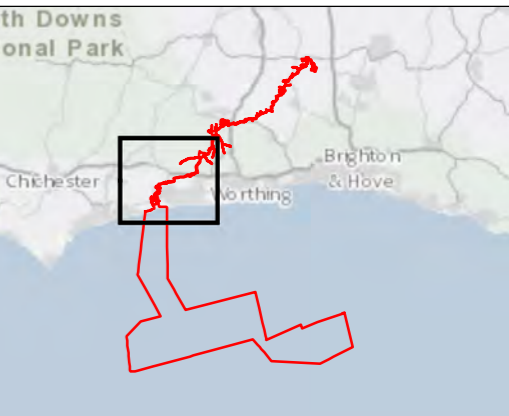
Rampion 2 Offshore Wind Farm
 Figure 18.3c Zone of Theoretical Visibility (construction phase) with viewpoints – Bolney substation extension (AIS/GIS) and temporary construction compound

Environmental Statement		System Identifier:	Version:
		42285-WSP-ES-ON-FG-OL-1595	1.0
Company:	Drawn By:	Chk/Prvrd:	Drawn Date:
WSP	SUTET	RYLOR	20/07/2023
Status:	FINAL		



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- Proposed DCO Order Limits
- Temporary construction compounds
- Landscape and Visual Study Area
- Lines indicating the distance from the centre of the Proposed DCO Order Limits
- Local authority district administrative boundaries
- South Downs National Park
- Existing woodland
- Area where onshore cable corridor construction works is theoretically visible
- LVIA Viewpoints
- Omitted LVIA Viewpoints



Rampion Extension Development

Rampion 2 Offshore Wind Farm

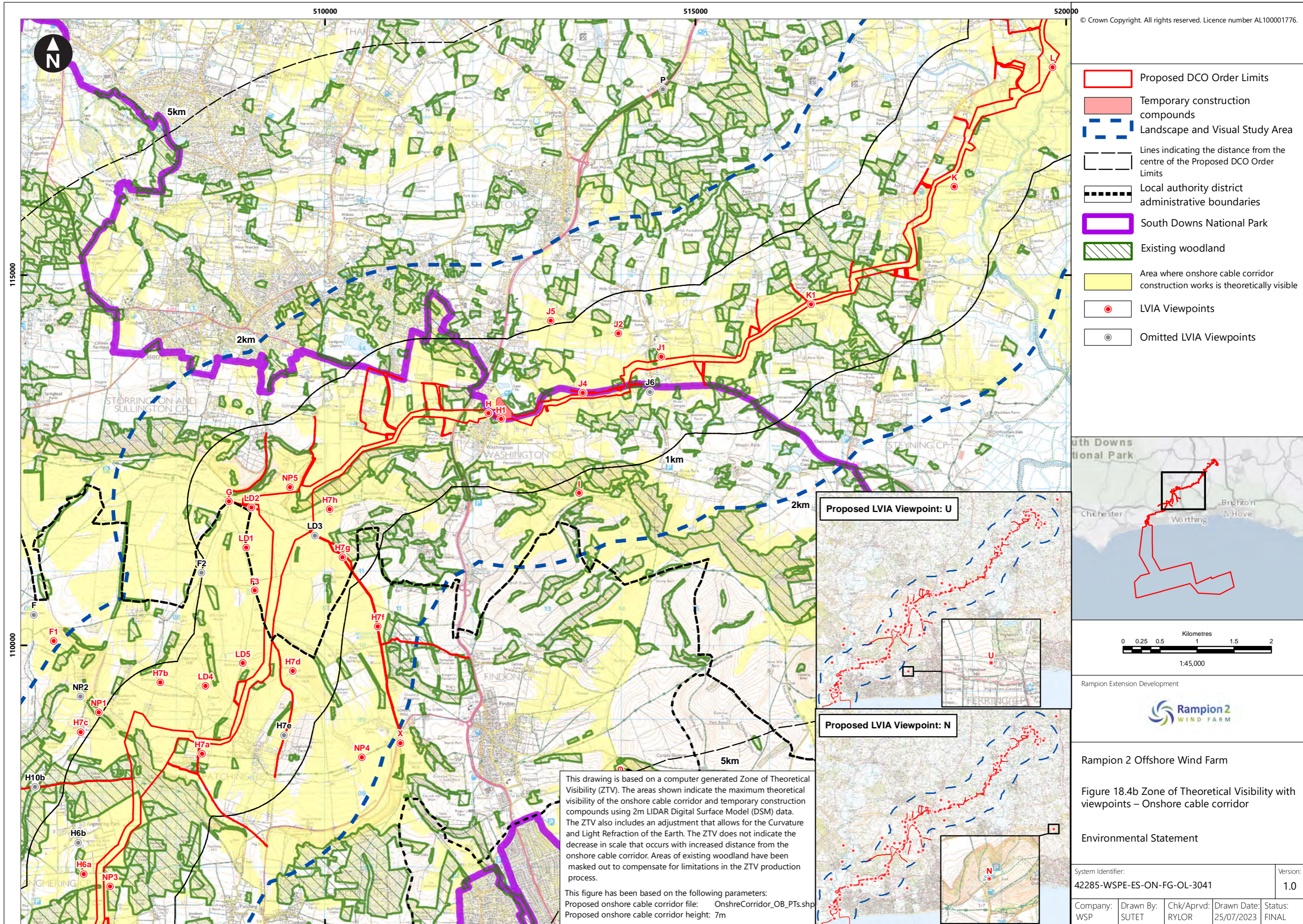
Figure 18.4a Zone of Theoretical Visibility with viewpoints – Onshore cable corridor

Environmental Statement

This drawing is based on a computer generated Zone of Theoretical Visibility (ZTV). The areas shown indicate the maximum theoretical visibility of the onshore cable corridor and temporary construction compounds using 2m LIDAR Digital Surface Model (DSM) data. The ZTV also includes an adjustment that allows for the Curvature and Light Refraction of the Earth. The ZTV does not indicate the decrease in scale that occurs with increased distance from the onshore cable corridor. Areas of existing woodland have been masked out to compensate for limitations in the ZTV production process.

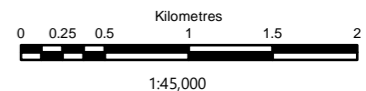
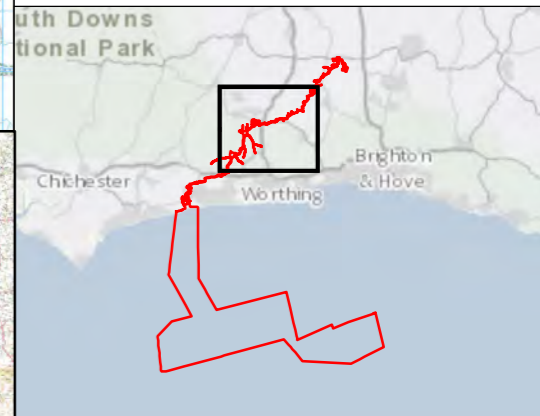
This figure has been based on the following parameters:
 Proposed onshore cable corridor file: OnshreCorridor_OB_PTs.shp
 Proposed onshore cable corridor height: 7m

System Identifier: 42285-WSPE-ES-ON-FG-OL-3041		Version: 1.0	
Company: WSP	Drawn By: SUTET	Chk/Prvrd: RYLOR	Drawn Date: 25/07/2023
		Status: FINAL	



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- Proposed DCO Order Limits
- Temporary construction compounds
- Landscape and Visual Study Area
- Lines indicating the distance from the centre of the Proposed DCO Order Limits
- Local authority district administrative boundaries
- South Downs National Park
- Existing woodland
- Area where onshore cable corridor construction works is theoretically visible
- LVIA Viewpoints
- Omitted LVIA Viewpoints



Rampion Extension Development

Rampion 2 Offshore Wind Farm

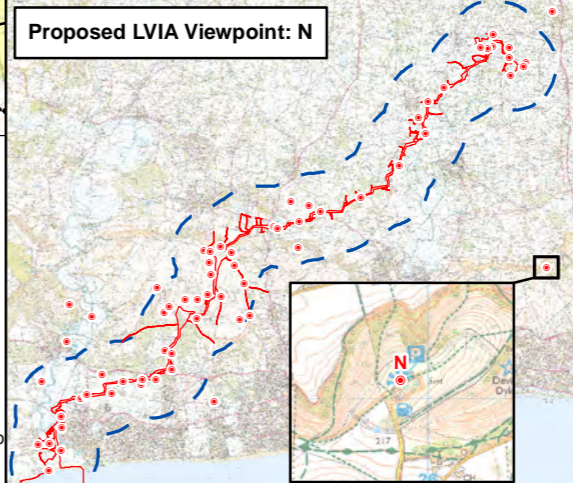
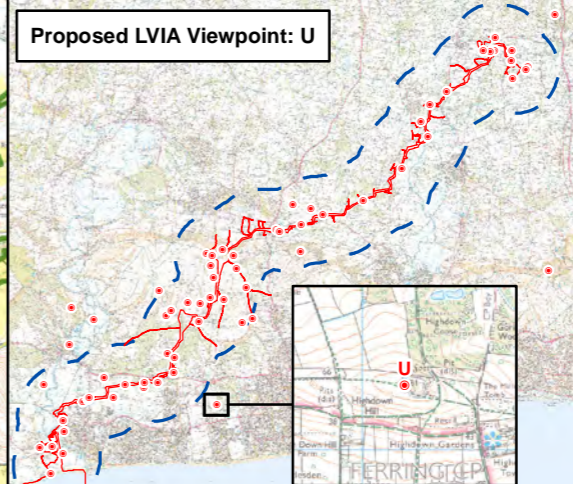
Figure 18.4b Zone of Theoretical Visibility with viewpoints – Onshore cable corridor

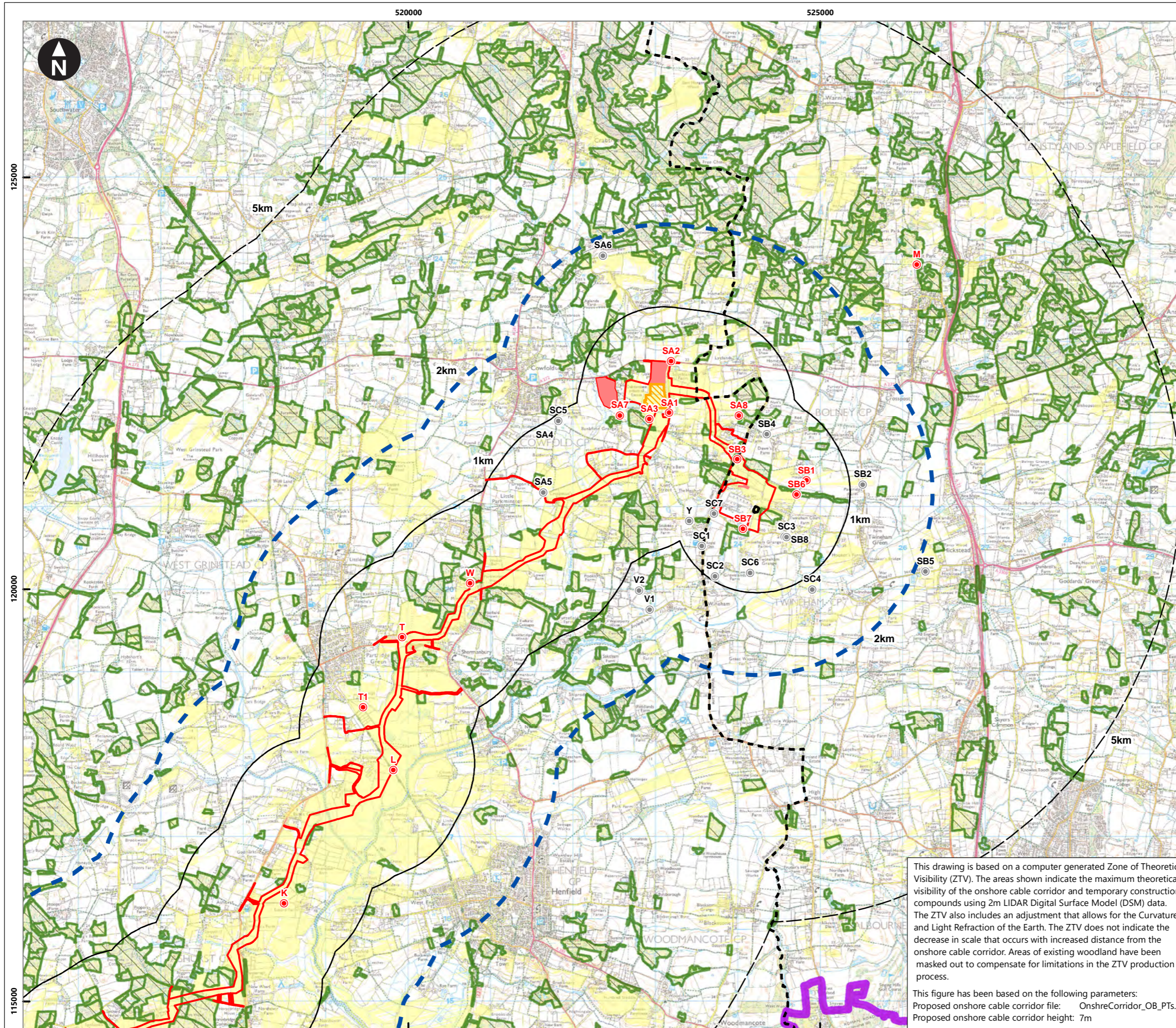
Environmental Statement

System Identifier: 42285-WSP-ES-ON-FG-OL-3041		Version: 1.0
Company: WSP	Drawn By: SUTET	Chk/Prvd: RYLOR
Drawn Date: 25/07/2023	Status: FINAL	

This drawing is based on a computer generated Zone of Theoretical Visibility (ZTV). The areas shown indicate the maximum theoretical visibility of the onshore cable corridor and temporary construction compounds using 2m LIDAR Digital Surface Model (DSM) data. The ZTV also includes an adjustment that allows for the Curvature and Light Refraction of the Earth. The ZTV does not indicate the decrease in scale that occurs with increased distance from the onshore cable corridor. Areas of existing woodland have been masked out to compensate for limitations in the ZTV production process.

This figure has been based on the following parameters:
 Proposed onshore cable corridor file: OnshreCorridor_OB_PT.shp
 Proposed onshore cable corridor height: 7m

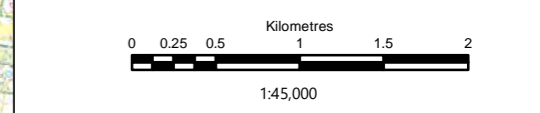
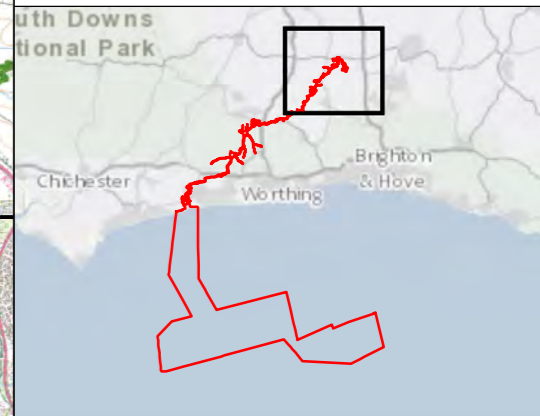




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- Proposed DCO Order Limits
- Oakendene onshore substation
- Bolney substation extension (AIS/GIS)*
- Temporary construction compounds
- Landscape and Visual Study Area
- Lines indicating the distance from the centre of the Proposed DCO Order Limits
- Local authority district administrative boundaries
- Existing woodland
- South Downs National Park
- Area where onshore cable corridor construction works is theoretically visible
- LVIA Viewpoints
- Omitted LVIA Viewpoints

*AIS = Air Insulated Switchgear
*GIS = Gas Insulated Switchgear



Rampion Extension Development

Rampion 2 Offshore Wind Farm

Figure 18.4c Zone of Theoretical Visibility with viewpoints – Onshore cable corridor

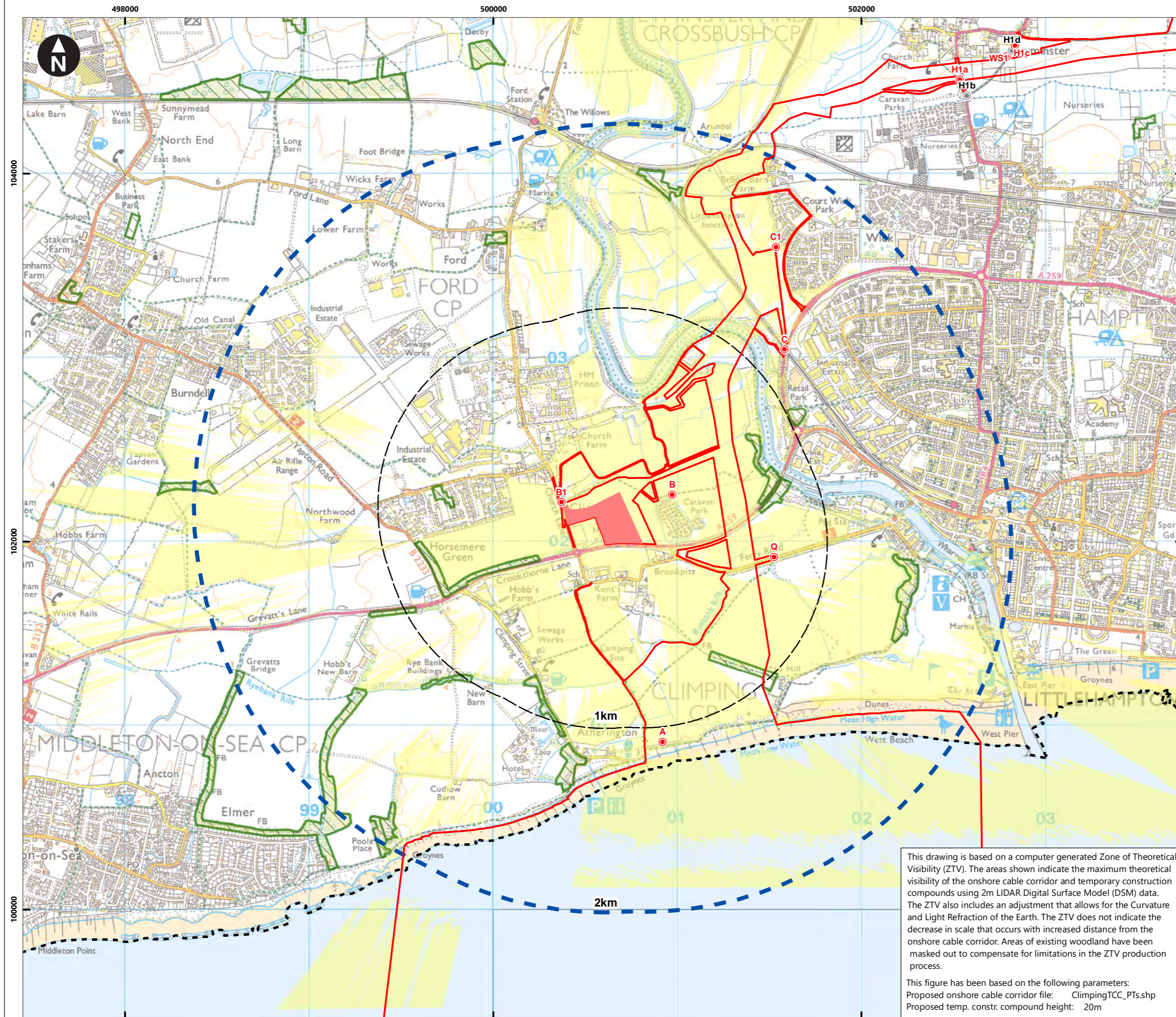
Environmental Statement

42285-WSPE-ES-ON-FG-OL-3041 Version: 1.0




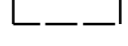


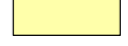


Company: WSP	Drawn By: SUTET	Chk/Prvrd: RYLOR	Drawn Date: 25/07/2023	Status: FINAL
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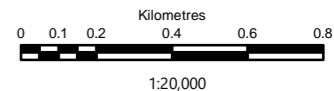
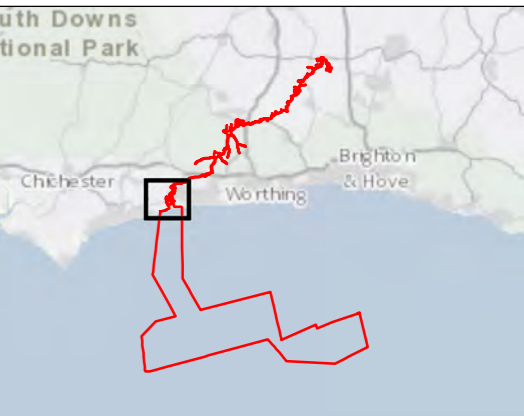
This drawing is based on a computer generated Zone of Theoretical Visibility (ZTV). The areas shown indicate the maximum theoretical visibility of the onshore cable corridor and temporary construction compounds using 2m LIDAR Digital Surface Model (DSM) data. The ZTV also includes an adjustment that allows for the Curvature and Light Refraction of the Earth. The ZTV does not indicate the decrease in scale that occurs with increased distance from the onshore cable corridor. Areas of existing woodland have been masked out to compensate for limitations in the ZTV production process.

This figure has been based on the following parameters:
Proposed onshore cable corridor file: OnshreCorridor_OB_PT.sshp
Proposed onshore cable corridor height: 7m



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-  Proposed DCO Order Limits
-  Temporary construction compound
-  Landscape and Visual Study Area
-  Lines indicating the distance from the temporary construction compound
-  Local authority district administrative boundaries
-  Existing woodland
-  Area where temporary construction compound is theoretically visible
-  LVIA Viewpoints
-  Omitted LVIA Viewpoints



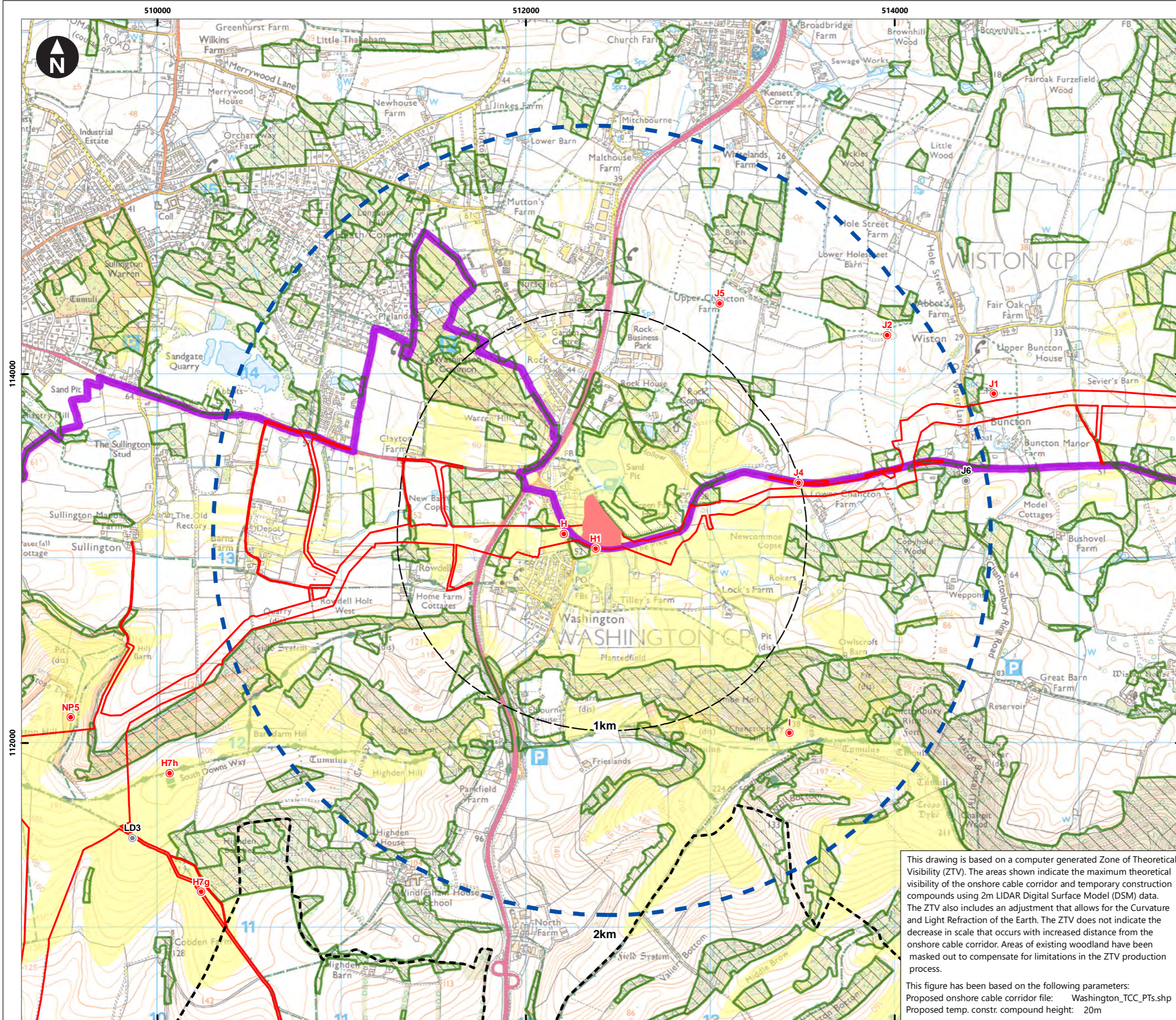
Rampion Extension Development


Rampion 2 Offshore Wind Farm
 Figure 18.4d Zone of Theoretical Visibility with viewpoints – Temporary construction compound - Climping
 Environmental Statement

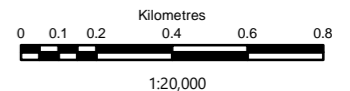
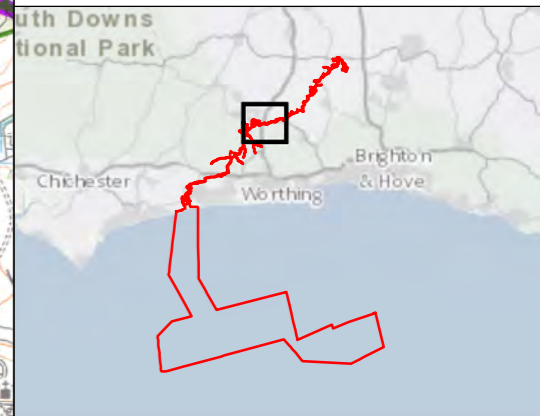
This drawing is based on a computer generated Zone of Theoretical Visibility (ZTV). The areas shown indicate the maximum theoretical visibility of the onshore cable corridor and temporary construction compounds using 2m LIDAR Digital Surface Model (DSM) data. The ZTV also includes an adjustment that allows for the Curvature and Light Refraction of the Earth. The ZTV does not indicate the decrease in scale that occurs with increased distance from the onshore cable corridor. Areas of existing woodland have been masked out to compensate for limitations in the ZTV production process.

This figure has been based on the following parameters:
 Proposed onshore cable corridor file: ClimpingTCC_PTs.shp
 Proposed temp. constr. compound height: 20m

System Identifier: 42285-WSPE-ES-ON-FG-OL-3041		Version: 1.0	
Company: WSP	Drawn By: SUTET	Chk/Prvd: RYLOR	Drawn Date: 25/07/2023
Status: FINAL			



- Proposed DCO Order Limits
- Temporary construction compound
- Landscape and Visual Study Area
- Lines indicating the distance from temporary construction compound
- Local authority district administrative boundaries
- Existing woodland
- South Downs National Park
- Area where temporary construction compound is theoretically visible
- LVIA Viewpoints
- Omitted LVIA Viewpoints



Rampion Extension Development



Rampion 2 Offshore Wind Farm

Figure 18.4e Zone of Theoretical Visibility with viewpoints – Temporary construction compound - Washington

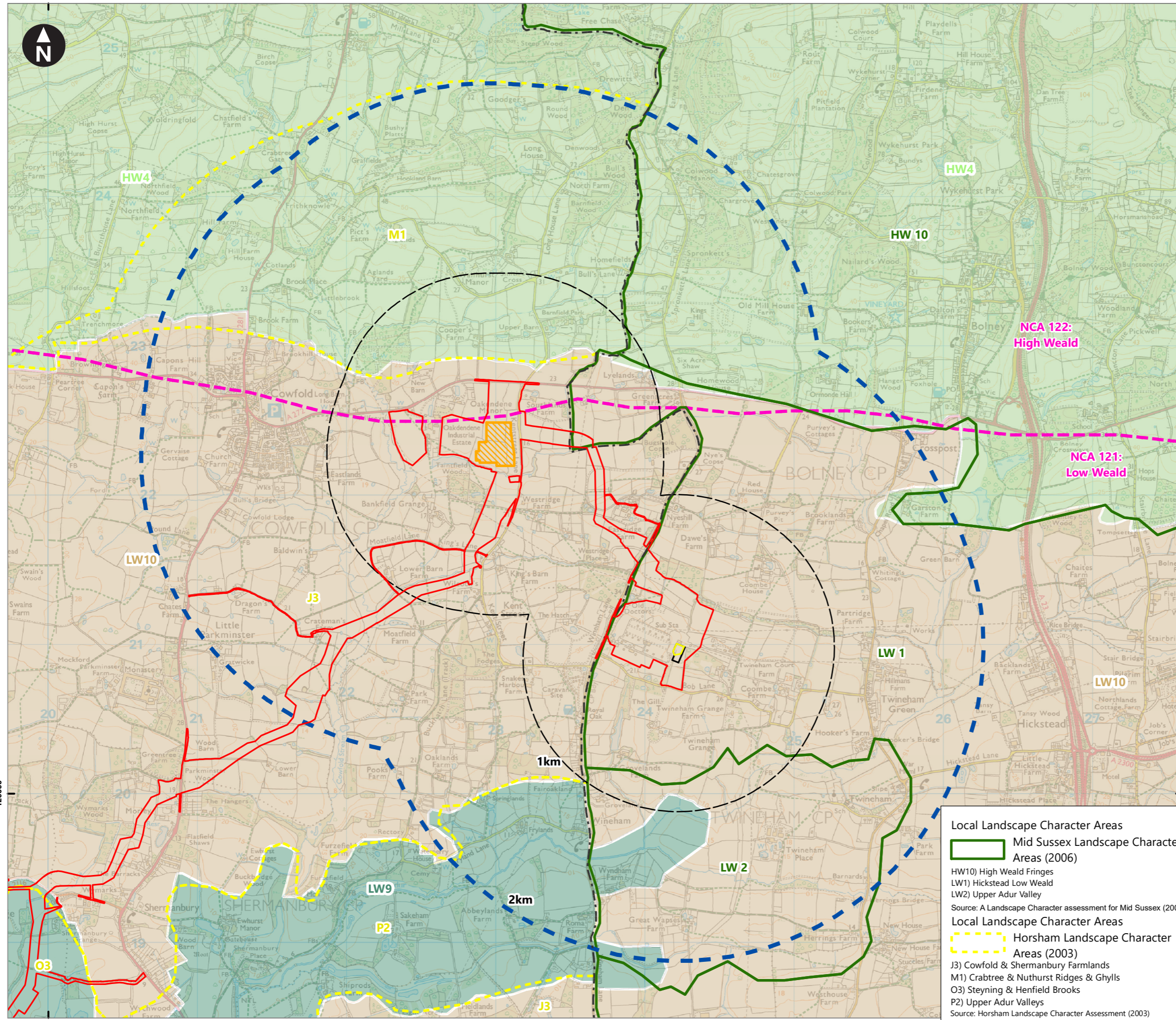
Environmental Statement

This drawing is based on a computer generated Zone of Theoretical Visibility (ZTV). The areas shown indicate the maximum theoretical visibility of the onshore cable corridor and temporary construction compounds using 2m LIDAR Digital Surface Model (DSM) data. The ZTV also includes an adjustment that allows for the Curvature and Light Refraction of the Earth. The ZTV does not indicate the decrease in scale that occurs with increased distance from the onshore cable corridor. Areas of existing woodland have been masked out to compensate for limitations in the ZTV production process.

This figure has been based on the following parameters:
 Proposed onshore cable corridor file: Washington_TCC_PTs.shp
 Proposed temp. constr. compound height: 20m

System Identifier: 42285-WSP-ES-ON-FG-OL-3041		Version: 1.0	
Company: WSP	Drawn By: SUTET	Chk/Prvd: RYLOR	Drawn Date: 25/07/2023
Status: FINAL			

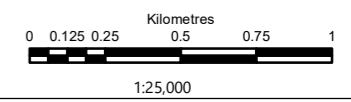
520000



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Data source for National and County Landscape Character Areas:
Contains, or is based on, information supplied by Natural England.

- Proposed DCO Order Limits
 - Oakendene onshore substation
 - Bolney substation extension (AIS)*
 - Bolney substation extension (GIS)*
 - Landscape and Visual Study Area
 - Lines indicating the distance from Oakendene substation and Bolney substation extension (AIS/GIS)
 - National Landscape Character Areas
 - Local authority district administrative boundaries
- County Landscape Character Types and Areas
- U: Urban
 - HW4: High Weald Fringes
 - LW9: Upper Adur Valley
 - LW10: Eastern Low Weald
- Source: Landscape Character assessment of West Sussex (2003)

*AIS = Air Insulated Switchgear
*GIS = Gas Insulated Switchgear



Rampion Extension Development

Rampion 2 Offshore Wind Farm

Figure 18.5a Landscape Character – Onshore substation and Bolney substation extension (AIS/GIS)

Environmental Statement

- Local Landscape Character Areas
- Mid Sussex Landscape Character Areas (2006)
 - HW10) High Weald Fringes
 - LW1) Hickstead Low Weald
 - LW2) Upper Adur Valley
 - Source: A Landscape Character assessment for Mid Sussex (2005)
- Local Landscape Character Areas
- Horsham Landscape Character Areas (2003)
 - J3) Cowfold & Shermanbury Farmlands
 - M1) Crabtree & Nuthurst Ridges & Ghylls
 - O3) Steyning & Henfield Brooks
 - P2) Upper Adur Valleys
 - Source: Horsham Landscape Character Assessment (2003)

System Identifier: 42285-WSP-ES-ON-FG-OL-3060 Version: 1.0



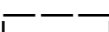

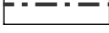

Company: WSP Drawn By: SUTET Chk/Prvrd: RYLOR Drawn Date: 21/07/2023 Status: FINAL

50000







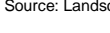
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Data source for National, County and South Downs Landscape Character Areas: Contains, or is based on, information supplied by South Downs National Park and Natural England.

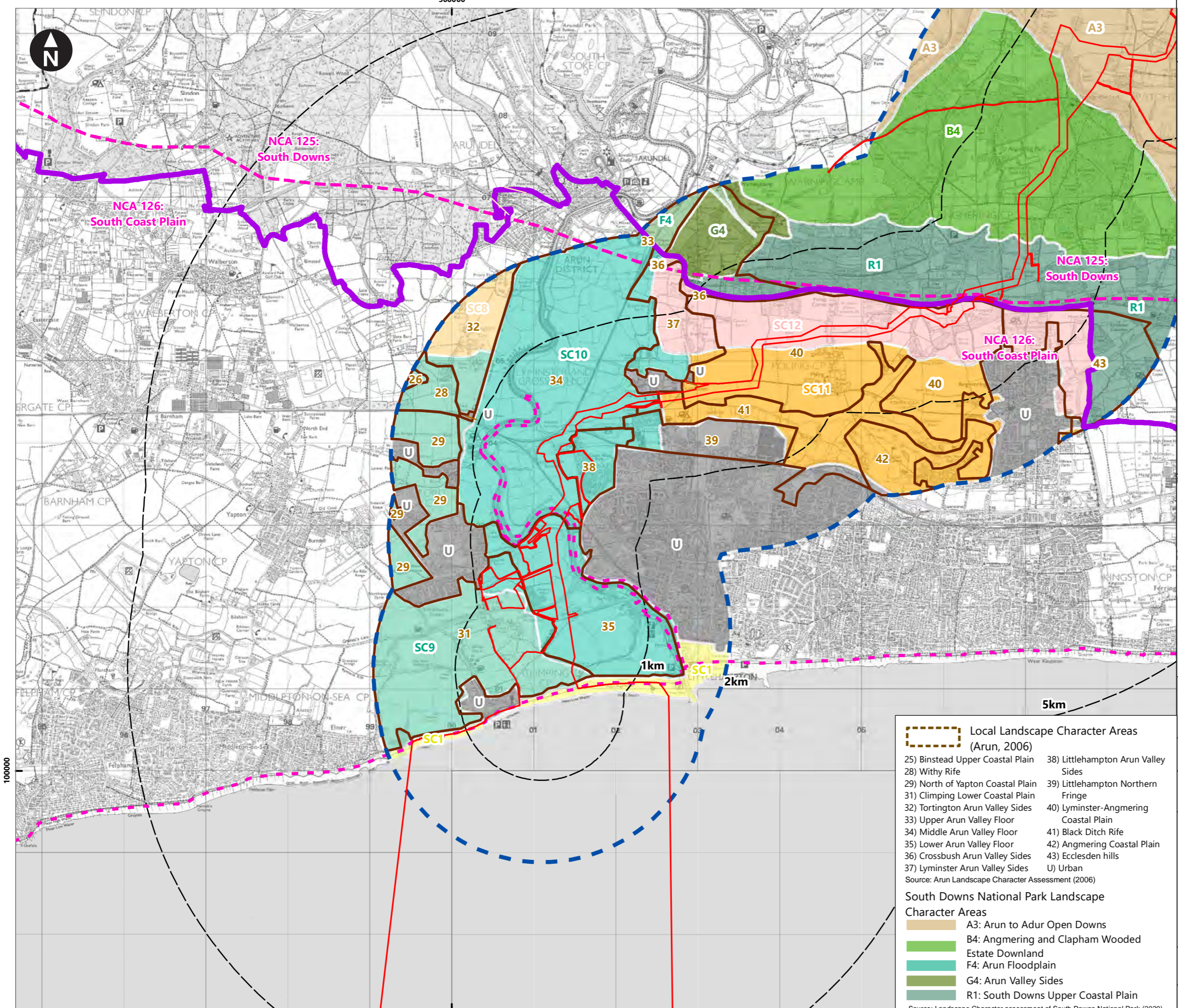
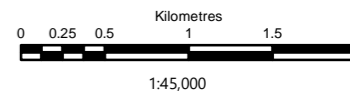
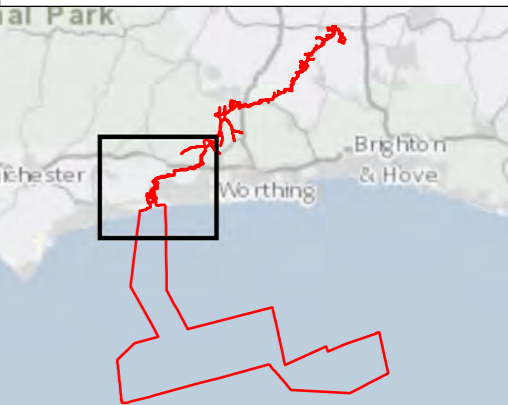
Key






-  Proposed DCO Order Limits
-  Landscape and Visual Study Area
-  Lines indicating the distance from the centre of the Proposed DCO Order Limits
-  Local authority district administrative boundaries
-  South Downs National Park
-  National Landscape Character Areas

County Landscape Character Types and Areas

-  U: Urban
-  SC1: South Coast Shoreline
-  SC8: Fontwell Upper Coastal Plain
-  SC9: Chichester to Yapton Coastal Plain
-  SC10: Lower Arun Valley
-  SC11: Littlehampton & Worthing Fringes
-  SC12: Angmering Upper Coastal Plain

Source: Landscape Character assessment of West Sussex (2003)



- Local Landscape Character Areas (Arun, 2006)**
- | | |
|-----------------------------------|---------------------------------------|
| 25) Binstead Upper Coastal Plain | 38) Littlehampton Arun Valley Sides |
| 28) Withy Rife | 39) Littlehampton Northern Fringe |
| 29) North of Yapton Coastal Plain | 40) Lyminster-Angmering Coastal Plain |
| 31) Climping Lower Coastal Plain | 41) Black Ditch Rife |
| 32) Tortington Arun Valley Sides | 42) Angmering Coastal Plain |
| 33) Upper Arun Valley Floor | 43) Ecclesden hills |
| 34) Middle Arun Valley Floor | U) Urban |
| 35) Lower Arun Valley Floor | |
| 36) Crossbush Arun Valley Sides | |
| 37) Lyminster Arun Valley Sides | |
- Source: Arun Landscape Character Assessment (2006)
- South Downs National Park Landscape Character Areas**
-  A3: Arun to Adur Open Downs
 -  B4: Angmering and Clapham Wooded Estate Downland
 -  F4: Arun Floodplain
 -  G4: Arun Valley Sides
 -  R1: South Downs Upper Coastal Plain
- Source: Landscape Character assessment of South Downs National Park (2020)

Rampion Extension Development

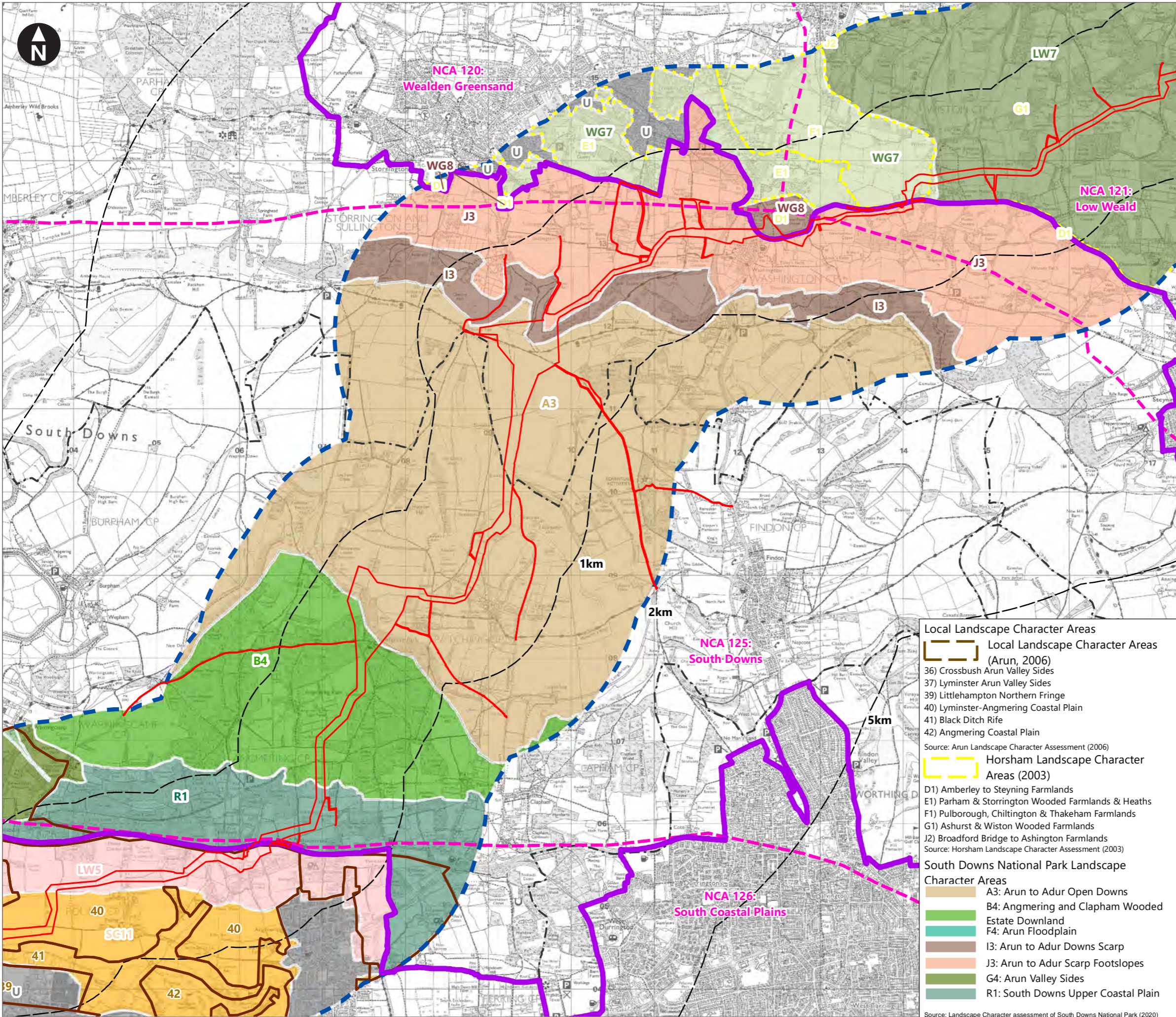


Rampion 2 Offshore Wind Farm

Figure 18.5bi Landscape Character - Onshore Cable Corridor - Part 1

Environmental Statement

System Identifier: 42285-WSPE-ES-ON-FG-OL-7039		Version: 1.0
Company: WSP	Drawn By: SUTET	Chk/Prvrd: RYLOR
Drawn Date: 25/07/2023	Status: FINAL	



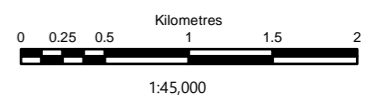
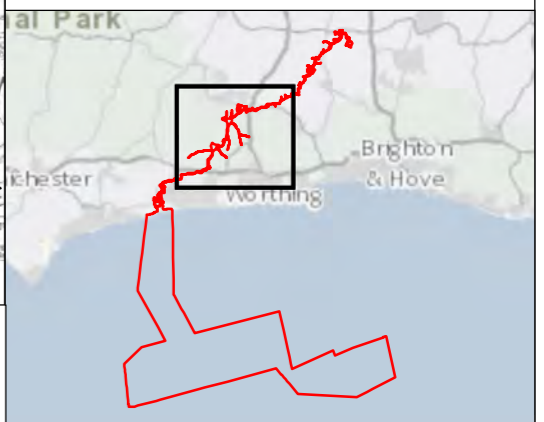
Key

- Proposed DCO Order Limits
- Landscape and Visual Study Area
- Lines indicating the distance from the centre of the Proposed DCO Order Limits
- Local authority district administrative boundaries
- South Downs National Park
- National Landscape Character Areas

County Landscape Character Types and Areas

- U: Urban
- LW5: Southern Low Weald
- LW7: Wiston Low Weald
- SC11: Littlehampton & Worthing Fringes
- WG7: Storrington Woods and Hearths
- WG8: Central Scarp Footslopes

Source: Landscape Character assessment of West Sussex (2003)



Local Landscape Character Areas

- Local Landscape Character Areas (Arun, 2006)

- 36) Crossbush Arun Valley Sides
- 37) Lyminster Arun Valley Sides
- 39) Littlehampton Northern Fringe
- 40) Lyminster-Angmering Coastal Plain
- 41) Black Ditch Rife
- 42) Angmering Coastal Plain

Source: Arun Landscape Character Assessment (2006)

Horsham Landscape Character Areas (2003)

- D1) Amberley to Steyning Farmlands
- E1) Parham & Storrington Wooded Farmlands & Heaths
- F1) Pulborough, Chiltington & Thakeham Farmlands
- G1) Ashurst & Wiston Wooded Farmlands
- J2) Broadford Bridge to Ashington Farmlands

Source: Horsham Landscape Character Assessment (2003)

South Downs National Park Landscape Character Areas

- A3: Arun to Adur Open Downs
- B4: Angmering and Clapham Wooded Estate Downland
- F4: Arun Floodplain
- I3: Arun to Adur Downs Scarp
- J3: Arun to Adur Scarp Footslopes
- G4: Arun Valley Sides
- R1: South Downs Upper Coastal Plain

Source: Landscape Character assessment of South Downs National Park (2020)

Rampion Extension Development



Rampion 2 Offshore Wind Farm

Figure 18.5bii Landscape Character - Onshore Cable Corridor - Part 2

Environmental Statement






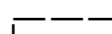
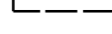






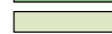
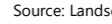
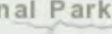
System Identifier: 42285-WSP-ES-ON-FG-OL-7039	Version: 1.0
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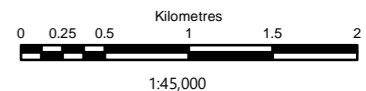
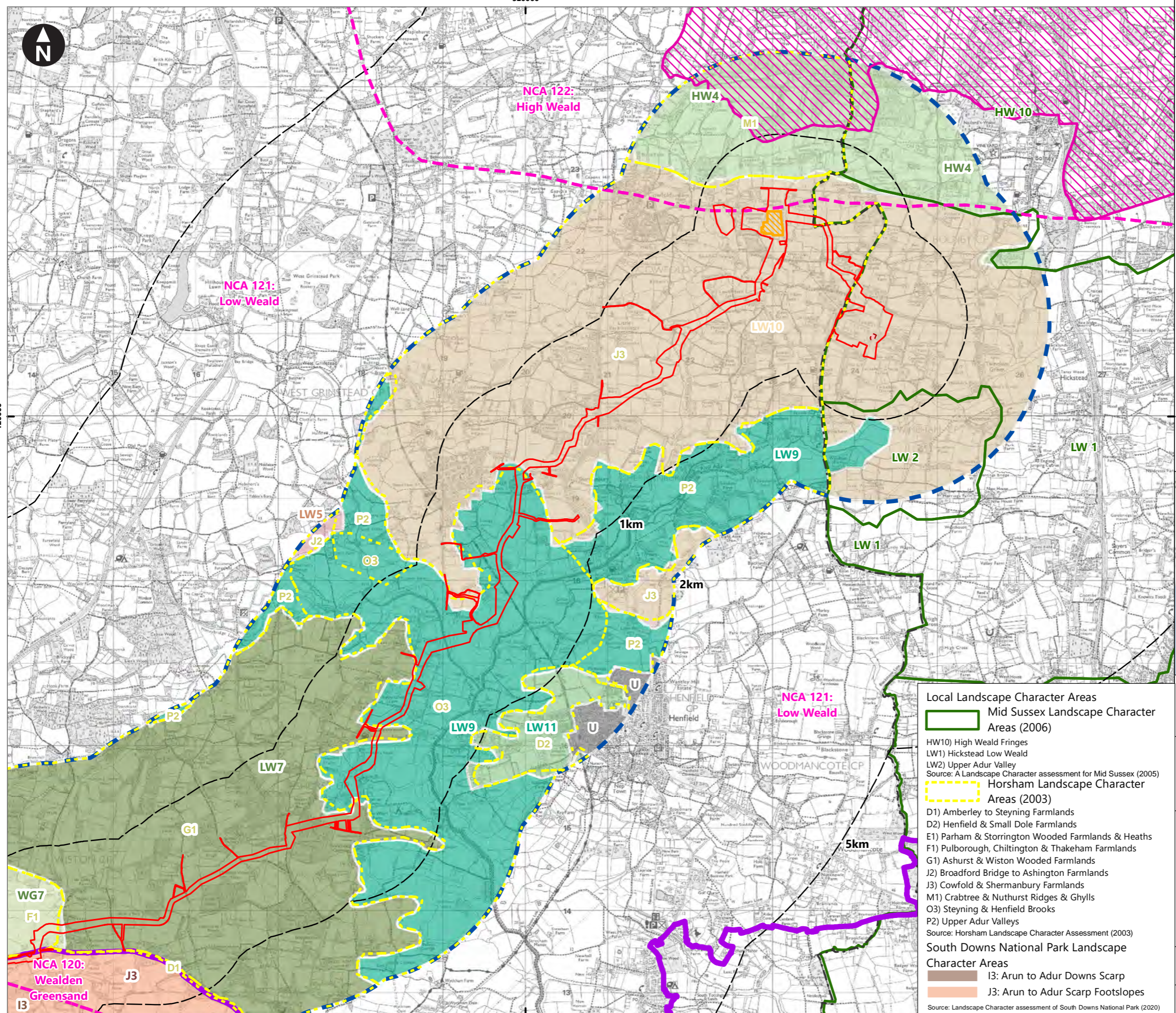
Company: WSP	Drawn By: SUTET	Chk/Prvd: RYLOR	Drawn Date: 25/07/2023	Status: FINAL
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520000

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Data source for National, County and South Downs Landscape Character Areas: Contains, or is based on, information supplied by South Downs National Park and Natural England.

-  Proposed DCO Order Limits
 -  Oakendene onshore substation
 -  Bolney Substation extension (AIS/GIS)*
 -  Landscape and Visual Study Area
 -  Lines indicating the distance from the centre of the Proposed DCO Order Limits
 -  Local authority district administrative boundaries
 -  South Downs National Park
 -  Areas of Outstanding Natural Beauty - High Weald
 -  National Landscape Character Areas
- County Landscape Character Types and Areas**
-  U: Urban
 -  HW4: High Weald Fringes
 -  LW7: Wiston Low Weald
 -  LW9: Upper Adur Valley
 -  LW10: Eastern Low Weald
 -  LW11: Eastern Scarp Footslopes
 -  WG7: Storrington Woods and Hearths
- Source: Landscape Character assessment of West Sussex (2003)



- Local Landscape Character Areas**
-  Mid Sussex Landscape Character Areas (2006)
 - HW10) High Weald Fringes
 - LW1) Hickstead Low Weald
 - LW2) Upper Adur Valley
 - Source: A Landscape Character assessment for Mid Sussex (2005)
 -  Horsham Landscape Character Areas (2003)
 - D1) Amberley to Steyning Farmlands
 - D2) Henfield & Small Dole Farmlands
 - E1) Parham & Storrington Wooded Farmlands & Heaths
 - F1) Pulborough, Chiltonington & Thakeham Farmlands
 - G1) Ashurst & Wiston Wooded Farmlands
 - J2) Broadford Bridge to Ashington Farmlands
 - J3) Cowfold & Shermanbury Farmlands
 - M1) Crabtree & Nuthurst Ridges & Ghylls
 - O3) Steyning & Henfield Brooks
 - P2) Upper Adur Valleys
 - Source: Horsham Landscape Character Assessment (2003)
- South Downs National Park Landscape Character Areas**
-  I3: Arun to Adur Downs Scarp
 -  J3: Arun to Adur Scarp Footslopes
 - Source: Landscape Character assessment of South Downs National Park (2020)

Rampion Extension Development



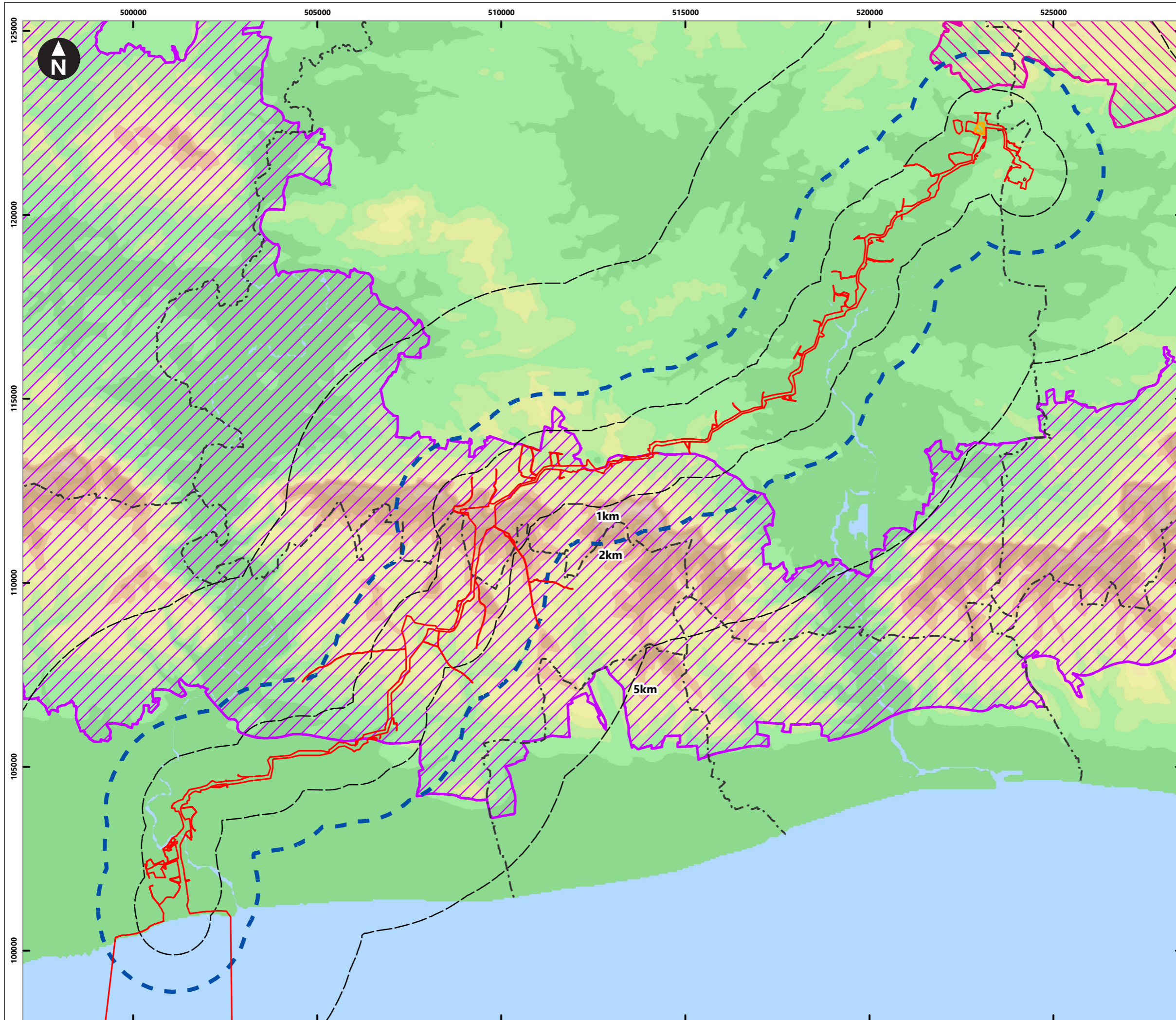
Rampion 2 Offshore Wind Farm

Figure 18.5biii Landscape Character - Onshore Cable Corridor - Part 3

Environmental Statement

System Identifier: 42285-WSPE-ES-ON-FG-OL-7039 Version: 1.0

Company: WSP Drawn By: SUTET Chk/Prvrd: RYLOR Drawn Date: 25/07/2023 Status: FINAL



Key

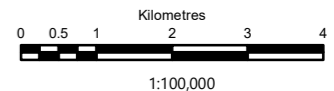
- Proposed DCO Order Limits
- Oakendene onshore substation
- Bolney substation extension (AIS/GIS)*
- Lines indicating the distance from the centre of the Proposed DCO Order Limits
- Landscape and Visual Study Area
- Local authority district administrative boundaries
- Areas of Outstanding Natural Beauty - High Weald
- South Downs National Park

Topography

- 238m AOD and above
- 0m AOD

AOD: Above Ordnance Datum

*AIS = Air Insulated Switchgear
*GIS = Gas Insulated Switchgear



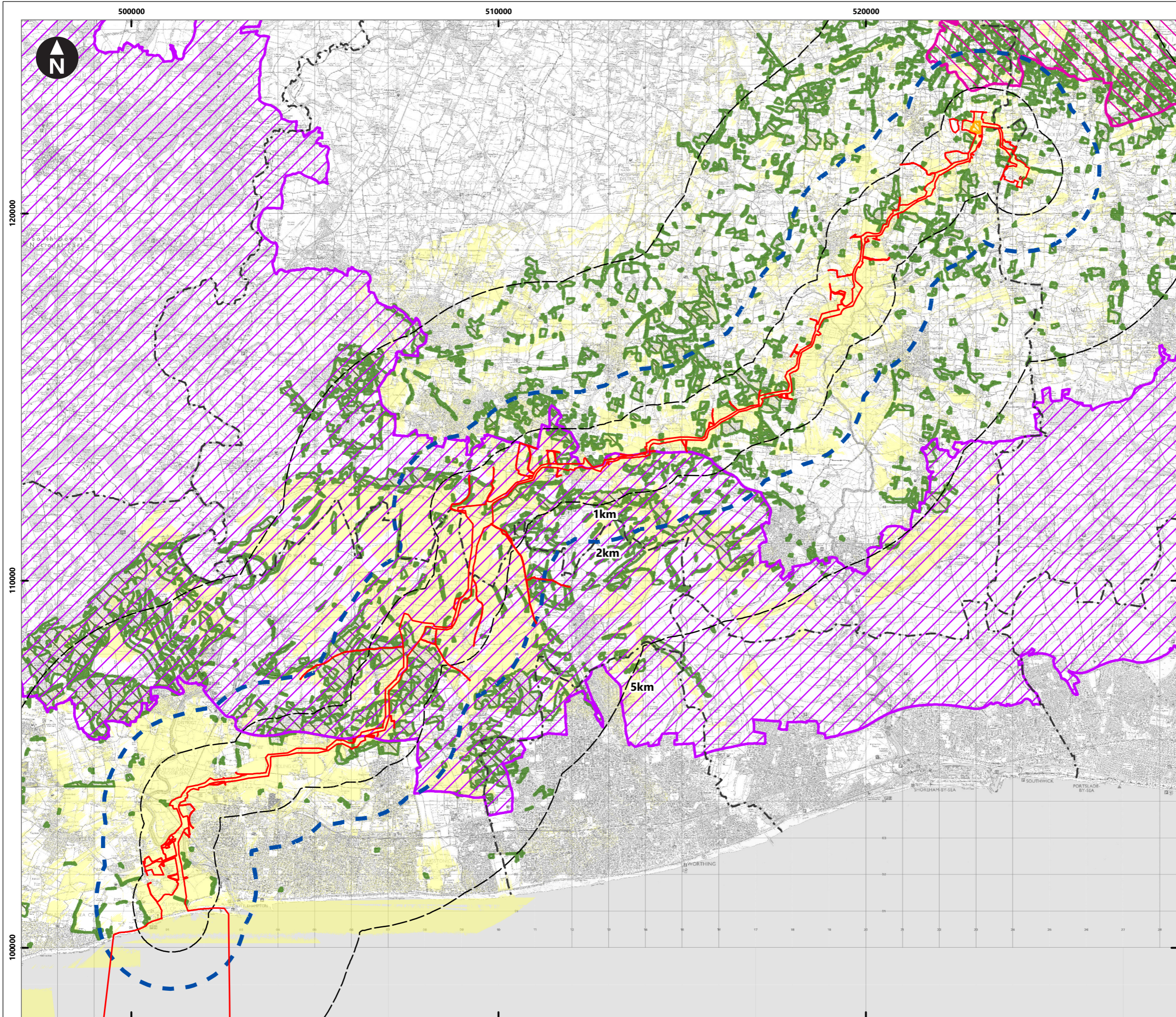
Rampion Extension Development

Rampion 2 Offshore Wind Farm





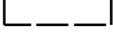

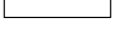

Figure 18.6a Landscape Designations

Environmental Statement

System Identifier: 42285-WSPE-ES-ON-FG-OL-2031				Version: 1.0
Company: WSP	Drawn By: SUTET	Chk/Aprvd: RYLOR	Drawn Date: 25/07/2023	Status: FINAL

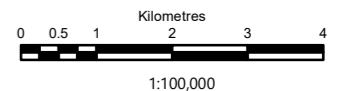
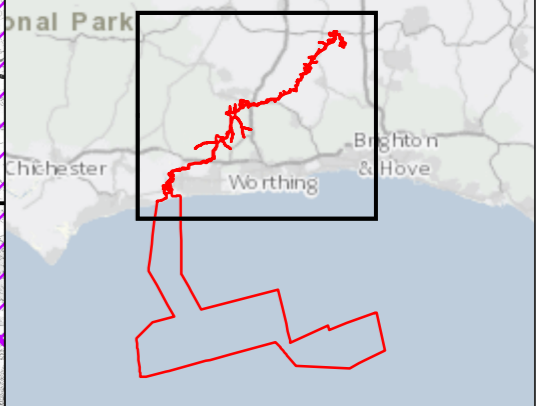


Key

-  Proposed DCO Order Limits
-  Oakendene onshore substation
-  Bolney substation extension (AIS/GIS)*
-  Lines indicating the distance from the centre of the Proposed DCO Order Limits
-  Landscape and Visual Study Area
-  Local authority district administrative boundaries
-  Areas of Outstanding Natural Beauty - High Weald
-  South Downs National Park
-  Existing Woodland

*AIS = Air Insulated Switchgear
 *GIS = Gas Insulated Switchgear

Note. Please refer to Chapter 18, figure18.4(a-c) for further cable corridor ZTV information.



Rampion Extension Development

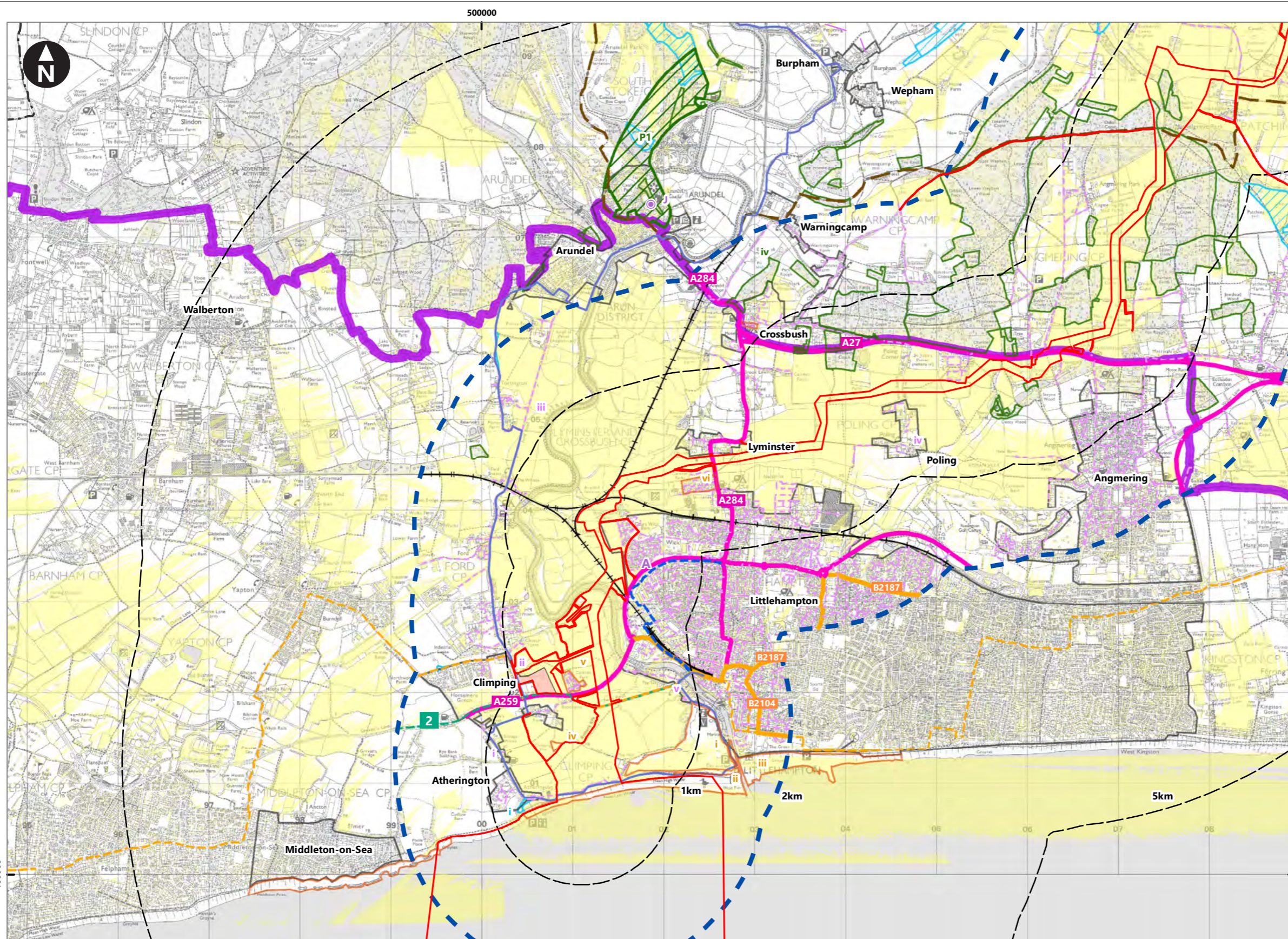


Rampion 2 Offshore Wind Farm

Figure 18.6b Landscape Designations - Cable corridor ZTV

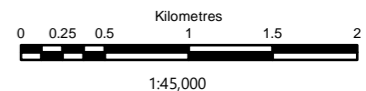
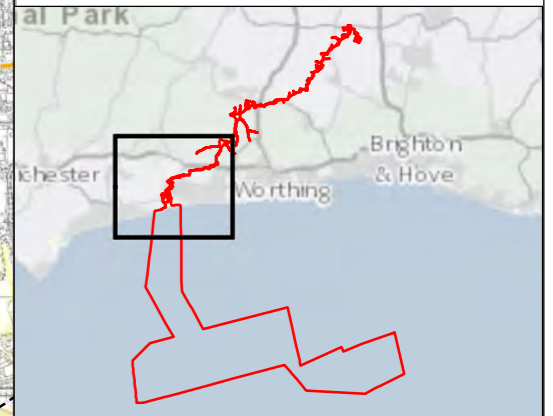
Environmental Statement

System Identifier: 42285-WSPE-ES-ON-FG-OL-5979				Version: 1.0
Company: WSP	Drawn By: SUTET	Chk/Aprvd: RYLOR	Drawn Date: 25/07/2023	Status: FINAL



Key

- Proposed DCO Order Limits
- Temporary construction compound
- Landscape and Visual Study Area
- Local authority district administrative boundaries
- South Downs National Park
- A Road
- B Road
- Railways
- Settlements (drawn using aerial imagery)
- Area where onshore cable corridor construction works is theoretically visible



Rampion 2 Offshore Wind Farm

Figure 18.7a – Visual Receptors

Environmental Statement

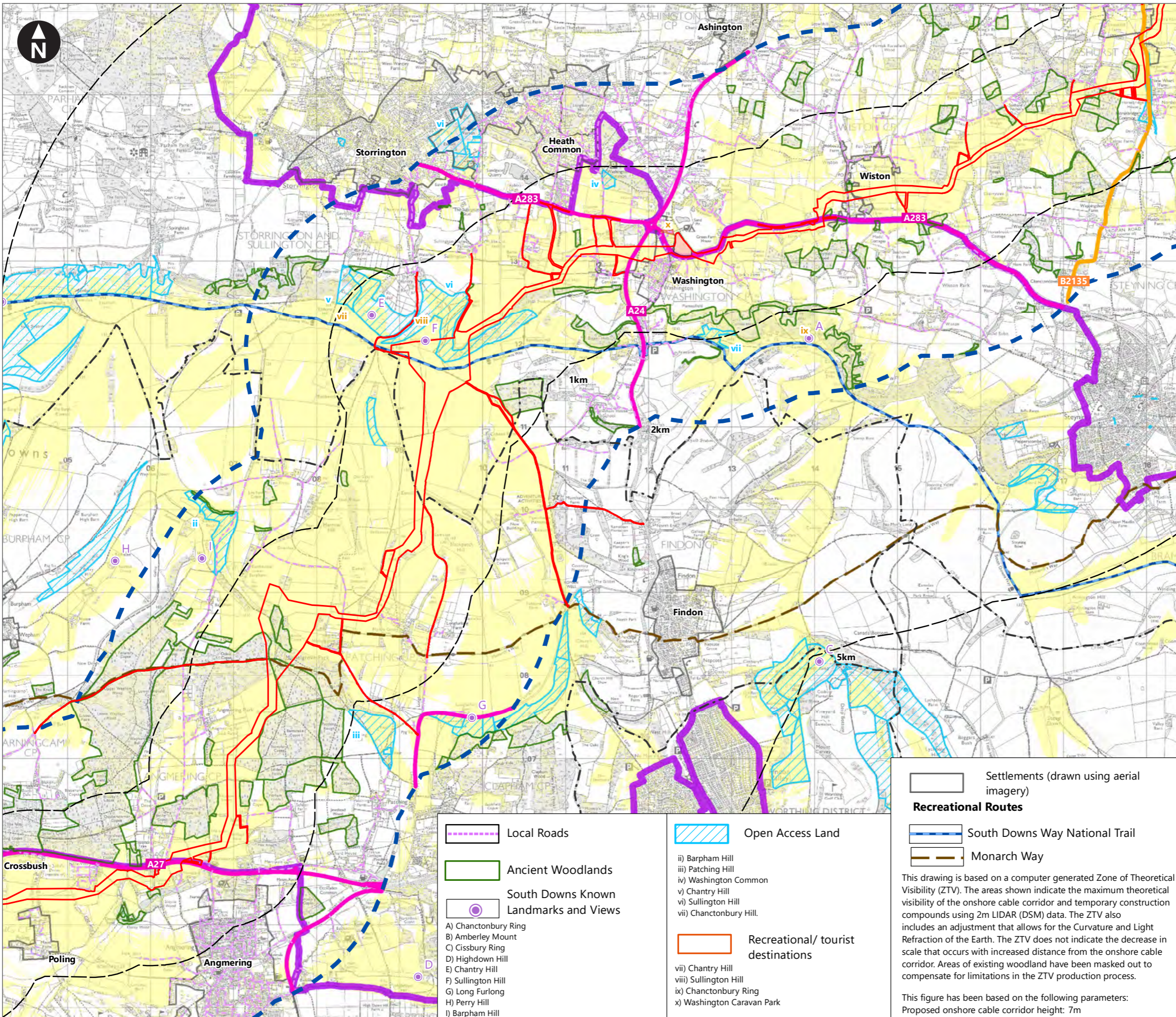
System Identifier: 42285-WSPE-ES-ON-FG-OL-9223 Version: 1.0

Company: WSP Drawn By: SUTET Chk/Prvrd: RYLOR Drawn Date: 25/07/2023 Status: FINAL

<p> Local Roads</p> <ul style="list-style-type: none"> i) Climping Street ii) Church Lane iii) Ford Road iv) Poling Street v) Ferry Road(Also Sustran Cycle Route 2/ South Coast Cycle Route) <p> Ancient Woodlands</p> <p> Registered Parks and Gardens</p> <p>P1) Arundel Castle</p>	<p> Open Access Land</p> <ul style="list-style-type: none"> i) Atherington <p> Recreational / tourist destinations</p> <ul style="list-style-type: none"> i) Littlehampton Golf Club ii) Littlehampton West Beach (Local Nature Reserve) iii) Littlehampton East Beach iv) Climping Camp Site v) Climping Caravan Park vi) Brookside Caravan Park <p> Promoted views</p> <p>J) Arundel Castle</p>	<p>Recreational Routes</p> <ul style="list-style-type: none"> Sustran Cycle Route 2 (Also South Coast Cycle Route/Ferry Road) Arun Way Monarch Way Wick to Littlehampton Cycling Route South Coast Cycle Route (Also Ferry Road/Sustrans Cycle Route 2)
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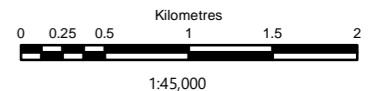
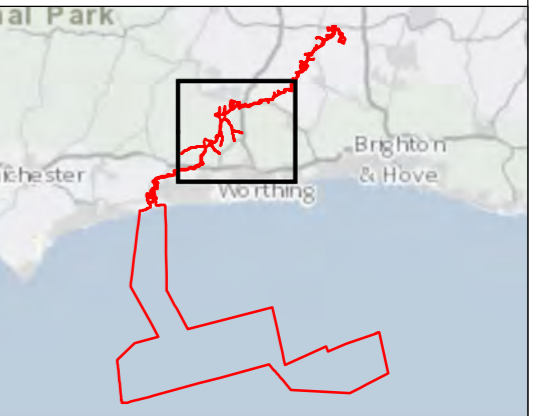
This drawing is based on a computer generated Zone of Theoretical Visibility (ZTV). The areas shown indicate the maximum theoretical visibility of the onshore cable corridor and temporary construction compounds using 2m LIDAR (DSM) data. The ZTV also includes an adjustment that allows for the Curvature and Light Refraction of the Earth. The ZTV does not indicate the decrease in scale that occurs with increased distance from the onshore cable corridor. Areas of existing woodland have been masked out to compensate for limitations in the ZTV production process.

This figure has been based on the following parameters:
Proposed onshore cable corridor height: 7m



Key

- Proposed DCO Order Limits
- Temporary construction compounds
- Landscape and Visual Study Area
- Lines indicating the distance from the centre of the Proposed DCO Order Limits
- South Downs National Park
- Local authority district administrative boundaries
- A Road
- B Road
- Railways
- Area where onshore cable corridor construction works is theoretically visible



Rampion Extension Development

Rampion 2 Offshore Wind Farm
18.7b – Visual Receptors

Environmental Statement

System Identifier: 42285-WSP-ES-ON-FG-OL-9223		Version: 1.0	
Company: WSP	Drawn By: SUTET	Chk/Prvrd: RYLOR	Drawn Date: 24/07/2023
Status: FINAL			

Local Roads

- Local Roads

Ancient Woodlands

- Ancient Woodlands

South Downs Known Landmarks and Views

- A) Chanctonbury Ring
- B) Amberley Mount
- C) Cissbury Ring
- D) Highdown Hill
- E) Chantry Hill
- F) Sullington Hill
- G) Long Furlong
- H) Perry Hill
- I) Barpham Hill

Open Access Land

- ii) Barpham Hill
- iii) Patching Hill
- iv) Washington Common
- v) Chantry Hill
- vi) Sullington Hill
- vii) Chanctonbury Hill.

Recreational/ tourist destinations

- vii) Chantry Hill
- viii) Sullington Hill
- ix) Chanctonbury Ring
- x) Washington Caravan Park

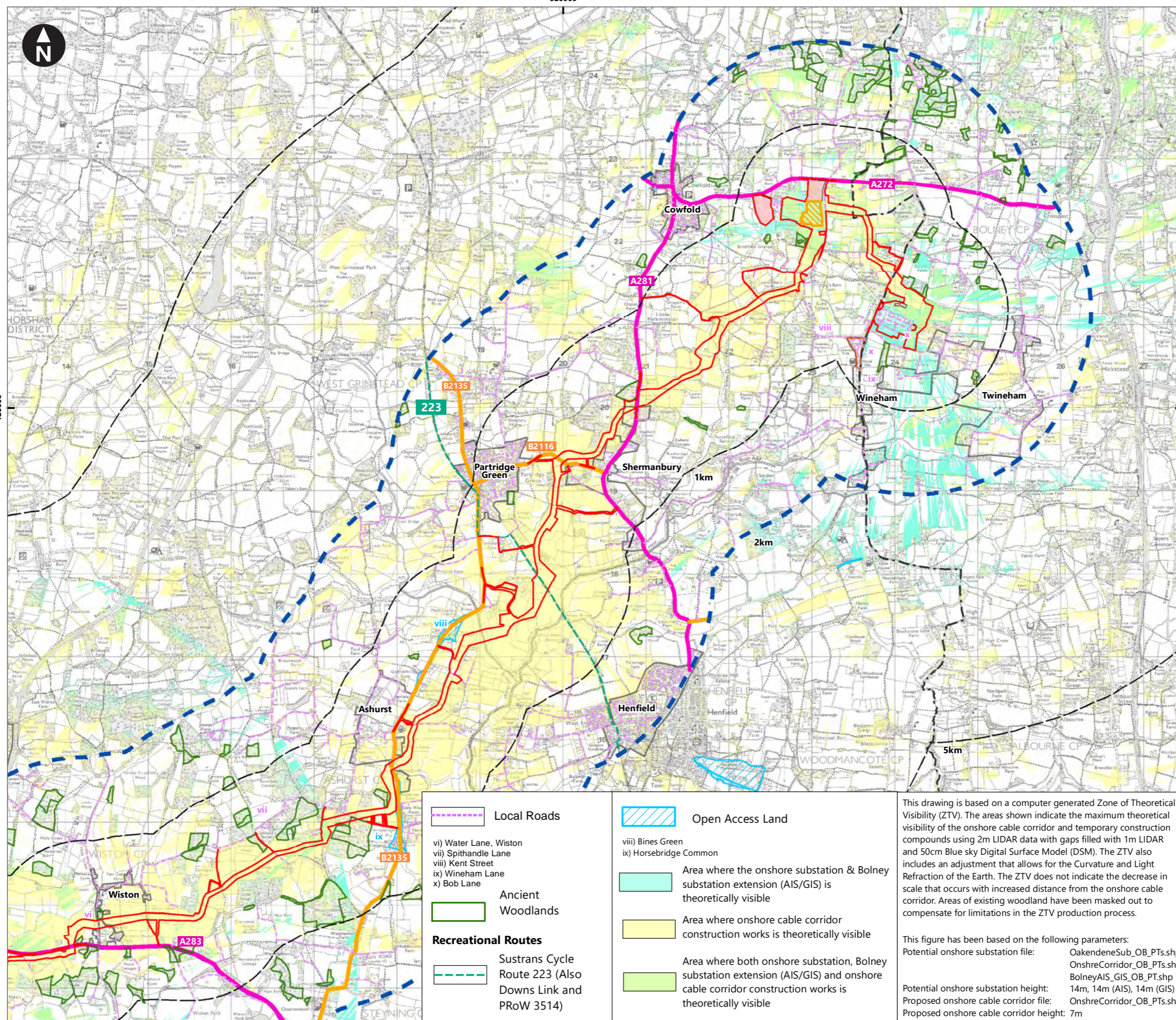
Settlements (drawn using aerial imagery)

Recreational Routes

- South Downs Way National Trail
- Monarch Way

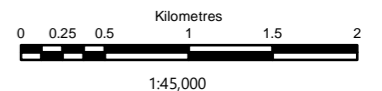
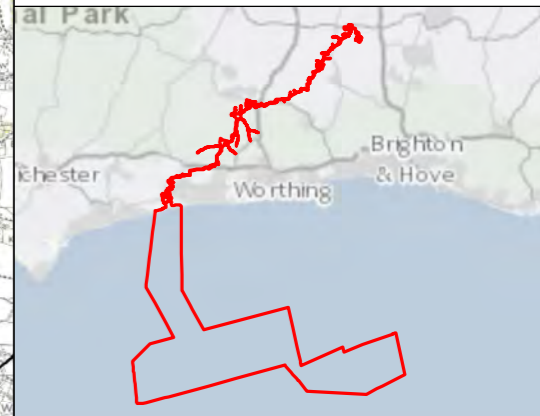
This drawing is based on a computer generated Zone of Theoretical Visibility (ZTV). The areas shown indicate the maximum theoretical visibility of the onshore cable corridor and temporary construction compounds using 2m LIDAR (DSM) data. The ZTV also includes an adjustment that allows for the Curvature and Light Refraction of the Earth. The ZTV does not indicate the decrease in scale that occurs with increased distance from the onshore cable corridor. Areas of existing woodland have been masked out to compensate for limitations in the ZTV production process.

This figure has been based on the following parameters:
Proposed onshore cable corridor height: 7m



- Proposed DCO Order Limits
- Oakendene onshore substation
- Bolney substation extension (AIS/GIS)*
- Temporary construction compounds
- Landscape and Visual Study Area
- Lines indicating the distance from the centre of the Proposed DCO Order Limits
- Local authority district administrative boundaries
- South Downs National Park
- A Road
- B Road
- Settlements (drawn using aerial imagery)

*AIS = Air Insulated Switchgear
 *GIS = Gas Insulated Switchgear



- Local Roads
 - Open Access Land
 - Ancient Woodlands
 - Recreational Routes
 - Area where the onshore substation & Bolney substation extension (AIS/GIS) is theoretically visible
 - Area where onshore cable corridor construction works is theoretically visible
 - Area where both onshore substation, Bolney substation extension (AIS/GIS) and onshore cable corridor construction works is theoretically visible
- vi) Water Lane, Wiston
 vii) Spithandle Lane
 viii) Kent Street
 ix) Wineham Lane
 x) Bob Lane
- Sustrans Cycle Route 223 (Also Downs Link and PRoW 3514)

This drawing is based on a computer generated Zone of Theoretical Visibility (ZTV). The areas shown indicate the maximum theoretical visibility of the onshore cable corridor and temporary construction compounds using 2m LIDAR data with gaps filled with 1m LIDAR and 50cm Blue sky Digital Surface Model (DSM). The ZTV also includes an adjustment that allows for the Curvature and Light Refraction of the Earth. The ZTV does not indicate the decrease in scale that occurs with increased distance from the onshore cable corridor. Areas of existing woodland have been masked out to compensate for limitations in the ZTV production process.

This figure has been based on the following parameters:
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 Potential onshore substation height: OnshreCorridor_OB_PTs.shp
 Proposed onshore cable corridor file: BolneyAIS_GIS_OB_PT.shp
 Proposed onshore cable corridor height: 7m
 Proposed onshore cable corridor height: 14m, 14m (AIS), 14m (GIS)



Rampion 2 Offshore Wind Farm

18.7c - Visual Receptors

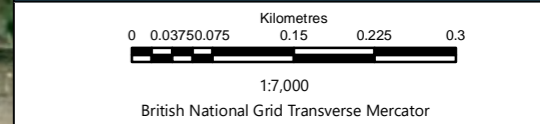
Environmental Statement

System Identifier:		Version:	
42285-WSP-ES-ON-FG-OL-9223		1.0	
Company:	Drawn By:	Chk/Prvrd:	Drawn Date:
WSP	SUTET	RYLOR	25/07/2023
Status:	FINAL		



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

- Key**
- Proposed DCO Order Limits
 - Temporary construction compound
 - Trenchless Crossing (TC) compounds
 - Trenchless Crossing (TC) limits of deviation
- Proposed crossing method**
- ▲ Open cut
 - Trenchless
- Onshore cable route kilometer points**
- Onshore cable route
- Proposed onshore cable construction corridor**
- Indicative trenchless section
 - Indicative open cut section
- Access from public highway**
- ◆ Construction & operational
 - ◆ Light construction
 - ◆ Operational



Rampion Extension Development

Rampion 2 Offshore Wind Farm

Figure 18.8a Landscape elements along cable corridor

Environmental Statement

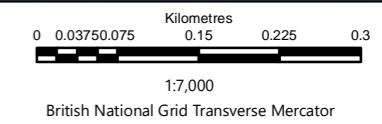
Note: the aerial photo has been overlain with the onshore elements of the proposed development by way of demonstrating the type of landscape elements likely to be affected by the onshore cable corridor. Reference should be made to the suite of Vegetation Retention Plans refer to Terrestrial Ecology chapter 22 figures for information on specific trees, woodland, treebelts, hedges, scrub and grassland. For other landscape elements which are man-made, reference should be made to the Historic Environment chapter 25 figures

System Identifier: 42285-WSPE-ES-ON-FG-OL-7723				Version: 1.0
Company: WSP	Drawn By: SUTET	Chk/Prvd: RYLOR	Drawn Date: 01/08/2023	Status: FINAL



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

- Key**
- Proposed DCO Order Limits
 - Trenchless Crossing (TC) compounds
 - Trenchless Crossing (TC) limits of deviation
 - Trenchless Crossing (TC) compound alternatives
- Proposed crossing method**
- ▲ Open cut
 - Trenchless
- Onshore cable route kilometer points**
- Onshore cable route
- Proposed onshore cable construction corridor**
- Indicative trenchless section
 - Indicative open cut section
- Access from public highway**
- ◆ Construction & operational
 - ◆ Light construction
 - ◆ Operational



Rampion Extension Development



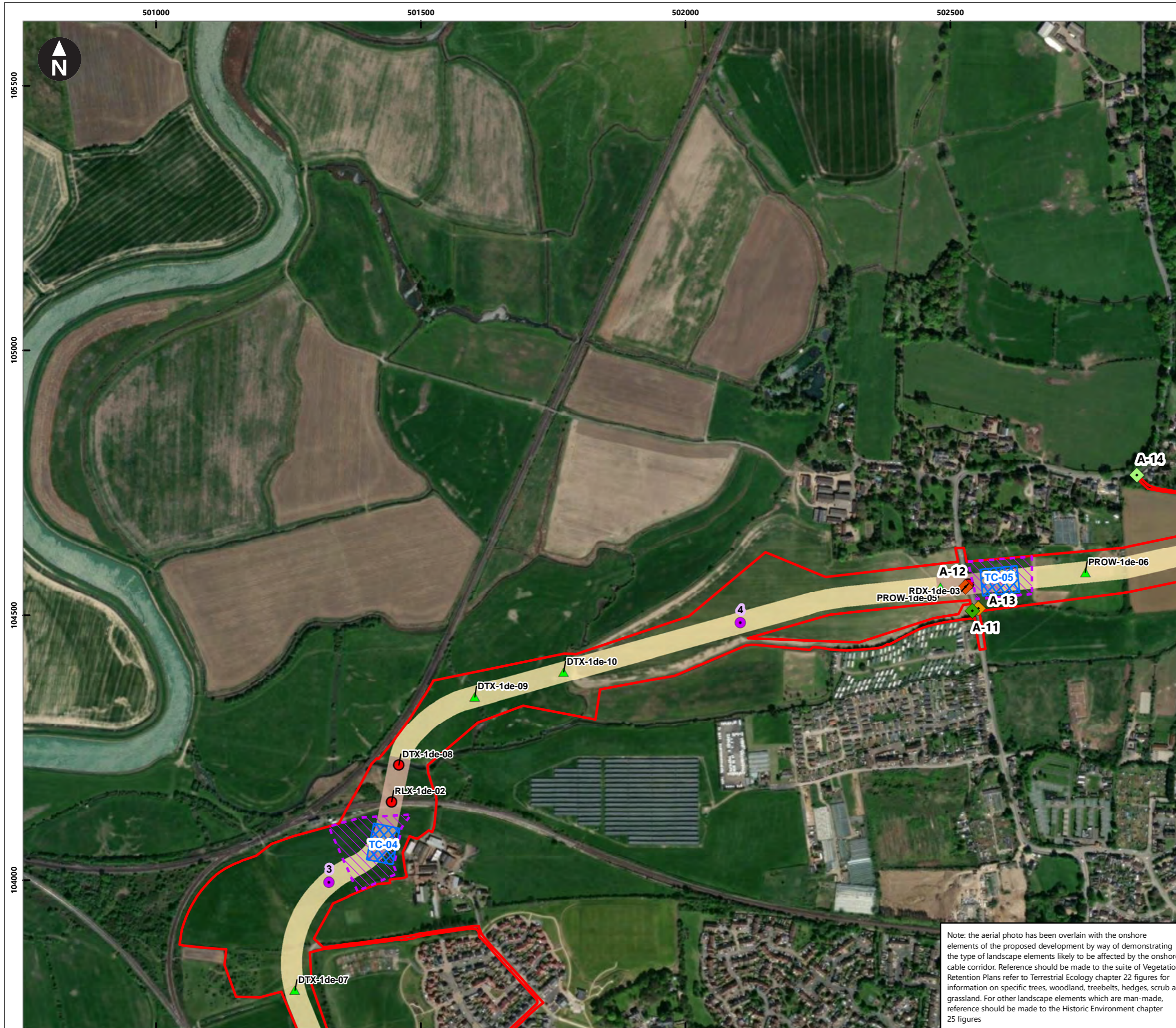
Rampion 2 Offshore Wind Farm

Figure 18.8b Landscape elements along cable corridor

Environmental Statement

Note: the aerial photo has been overlain with the onshore elements of the proposed development by way of demonstrating the type of landscape elements likely to be affected by the onshore cable corridor. Reference should be made to the suite of Vegetation Retention Plans refer to Terrestrial Ecology chapter 22 figures for information on specific trees, woodland, treebelts, hedges, scrub and grassland. For other landscape elements which are man-made, reference should be made to the Historic Environment chapter 25 figures

System Identifier:				Version:
42285-WSPE-ES-ON-FG-OL-7723				1.0
Company:	Drawn By:	Chk/Prvrd:	Drawn Date:	Status:
WSP	SUTET	RYLOR	01/08/2023	FINAL



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Key

- Proposed DCO Order Limits
- Trenchless Crossing (TC) compounds
- Trenchless Crossing (TC) limits of deviation

Proposed crossing method

- ▲ Open cut
- Trenchless

Onshore cable route kilometer points

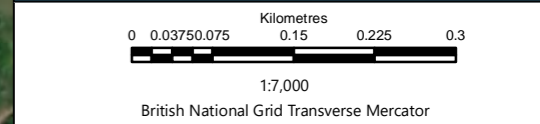
- Onshore cable route

Proposed onshore cable construction corridor

- Indicative trenchless section
- Indicative open cut section

Access from public highway

- ◆ Construction
- ◆ Construction & operational
- ◆ Light construction & operational
- ◆ Operational



Rampion Extension Development

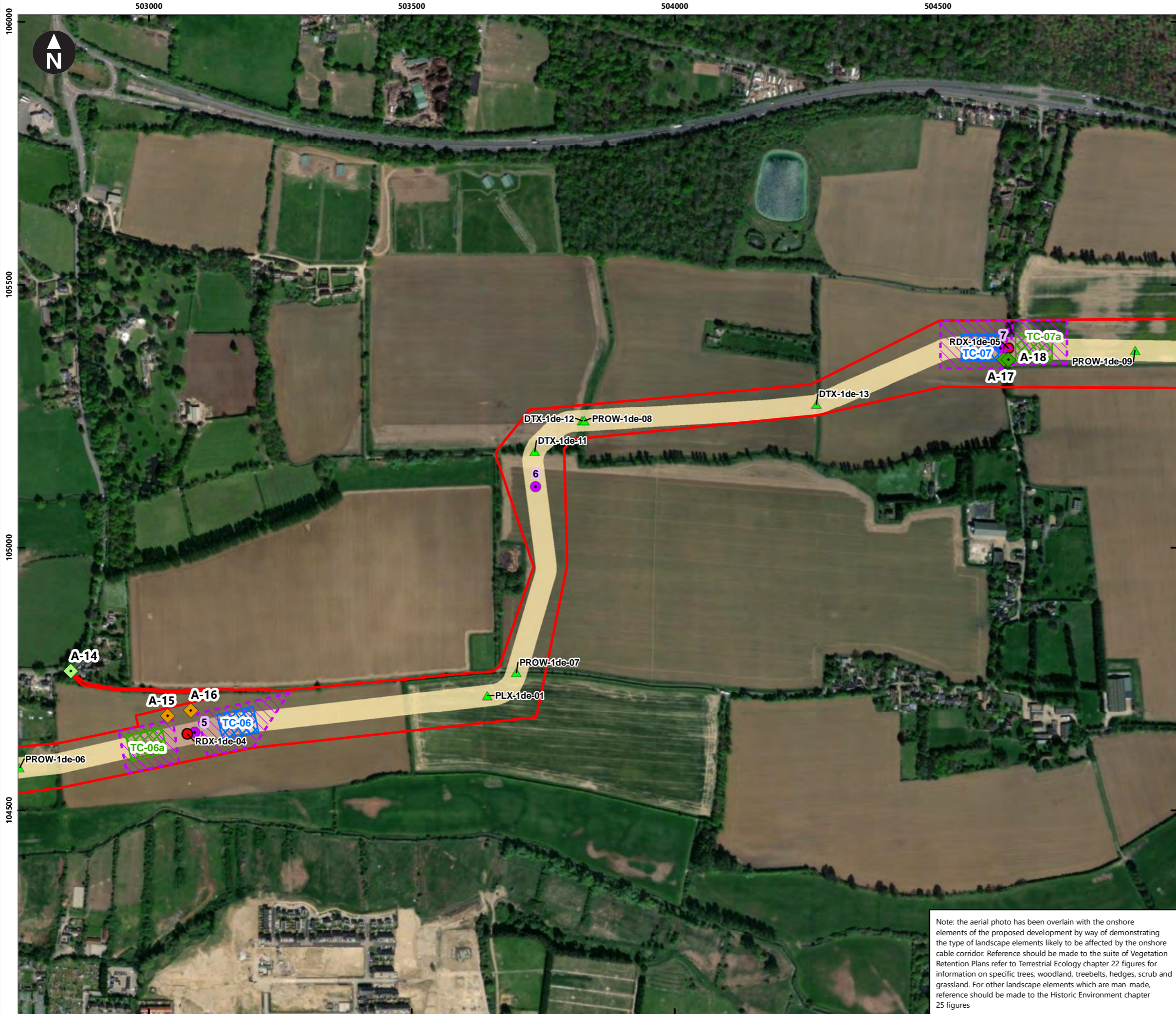
Rampion 2 Offshore Wind Farm

Figure 18.8c Landscape elements along cable corridor

Environmental Statement

Note: the aerial photo has been overlain with the onshore elements of the proposed development by way of demonstrating the type of landscape elements likely to be affected by the onshore cable corridor. Reference should be made to the suite of Vegetation Retention Plans refer to Terrestrial Ecology chapter 22 figures for information on specific trees, woodland, treebelts, hedges, scrub and grassland. For other landscape elements which are man-made, reference should be made to the Historic Environment chapter 25 figures

System Identifier:				Version:
42285-WSPE-ES-ON-FG-OL-7723				1.0
Company:	Drawn By:	Chk/Prvd:	Drawn Date:	Status:
WSP	SUTET	RYLOR	01/08/2023	FINAL



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Key

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

Proposed crossing method

- ▲ Open cut
- Trenchless

Onshore cable route kilometer points

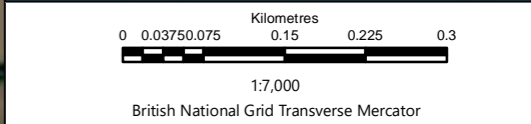
- Onshore cable route

Proposed onshore cable construction corridor

- Indicative trenchless section
- Indicative open cut section

Access from public highway

- ◆ Construction & operational
- ◆ Light construction & operational
- ◆ Operational



Rampion Extension Development

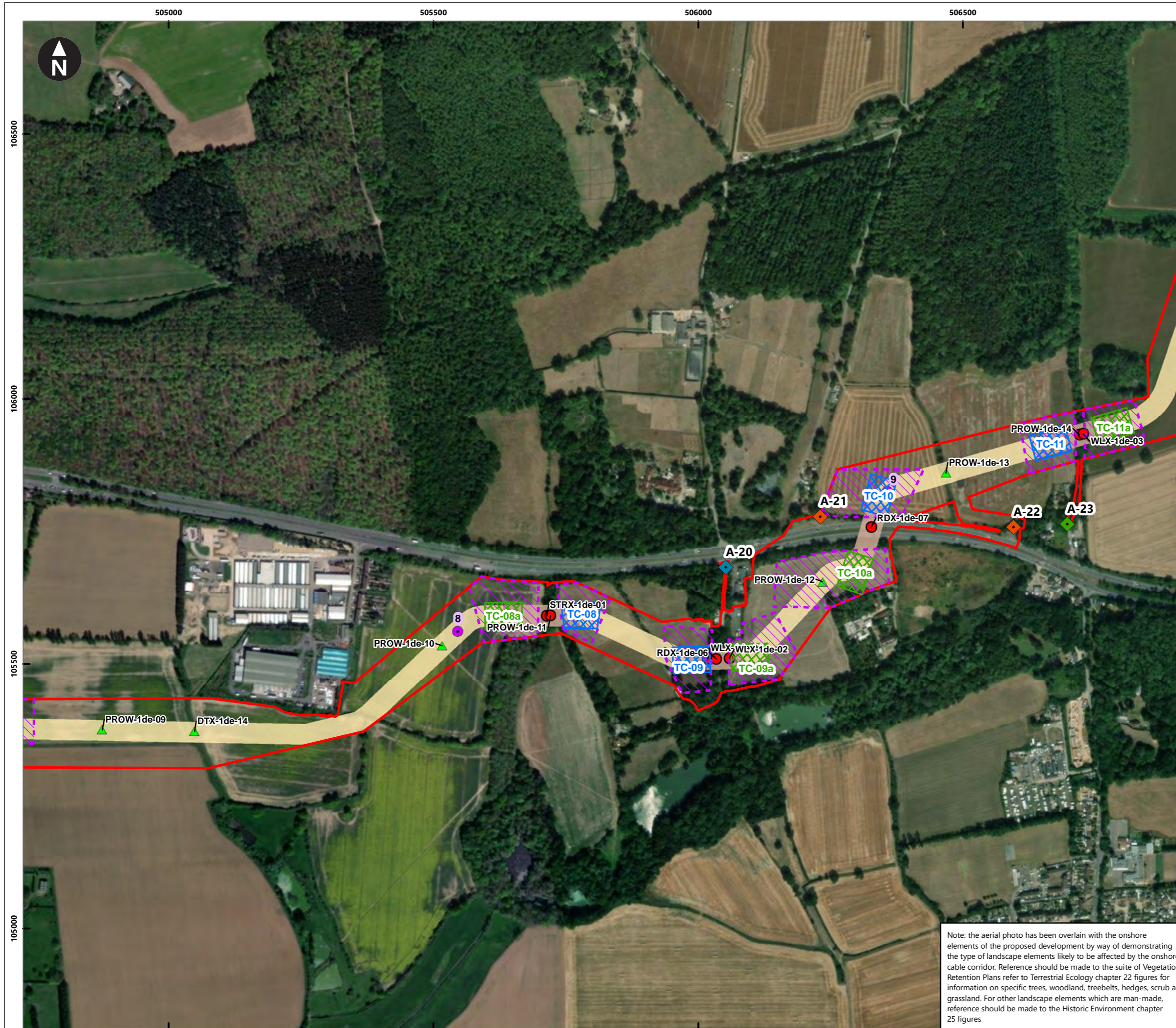
Rampion 2 Offshore Wind Farm

Figure 18.8d Landscape elements along cable corridor

Environmental Statement

Note: the aerial photo has been overlain with the onshore elements of the proposed development by way of demonstrating the type of landscape elements likely to be affected by the onshore cable corridor. Reference should be made to the suite of Vegetation Retention Plans refer to Terrestrial Ecology chapter 22 figures for information on specific trees, woodland, treebelts, hedges, scrub and grassland. For other landscape elements which are man-made, reference should be made to the Historic Environment chapter 25 figures

System Identifier:				Version:
42285-WSPE-ES-ON-FG-OL-7723				1.0
Company:	Drawn By:	Chk/Prvrd:	Drawn Date:	Status:
WSP	SUTET	RYLOR	01/08/2023	FINAL



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Key

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

Proposed crossing method

- ▲ Open cut
- Trenchless

Onshore cable route kilometer points

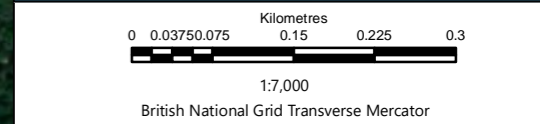
- Onshore cable route

Proposed onshore cable construction corridor

- Indicative trenchless section
- Indicative open cut section

Access from public highway

- ◆ Construction
- ◆ Light construction
- ◆ Operational



Rampion Extension Development

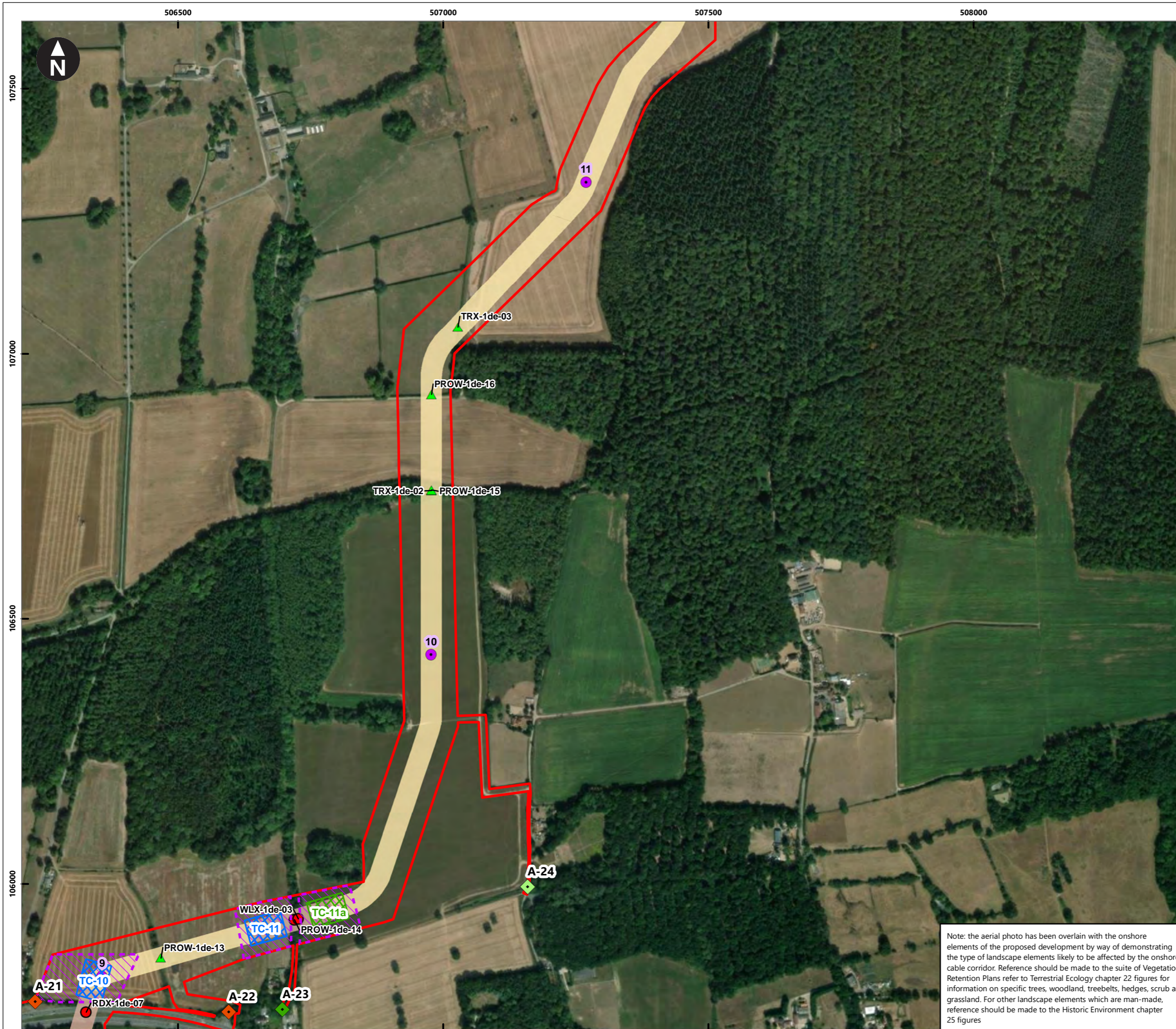
Rampion 2 Offshore Wind Farm

Figure 18.8e Landscape elements along cable corridor

Environmental Statement

Note: the aerial photo has been overlain with the onshore elements of the proposed development by way of demonstrating the type of landscape elements likely to be affected by the onshore cable corridor. Reference should be made to the suite of Vegetation Retention Plans refer to Terrestrial Ecology chapter 22 figures for information on specific trees, woodland, treebelts, hedges, scrub and grassland. For other landscape elements which are man-made, reference should be made to the Historic Environment chapter 25 figures

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Company: WSP	Drawn By: SUTET	Chk/Aprvd: RYLOR	Drawn Date: 01/08/2023	Status: FINAL



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Key

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

Proposed crossing method

- ▲ Open cut
- Trenchless

Onshore cable route kilometer points

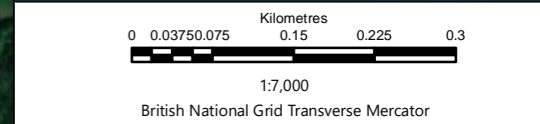
- Onshore cable route

Proposed onshore cable construction corridor

- Indicative trenchless section
- Indicative open cut section

Access from public highway

- ◆ Construction
- ◆ Light construction & operational
- ◆ Operational



Rampion Extension Development

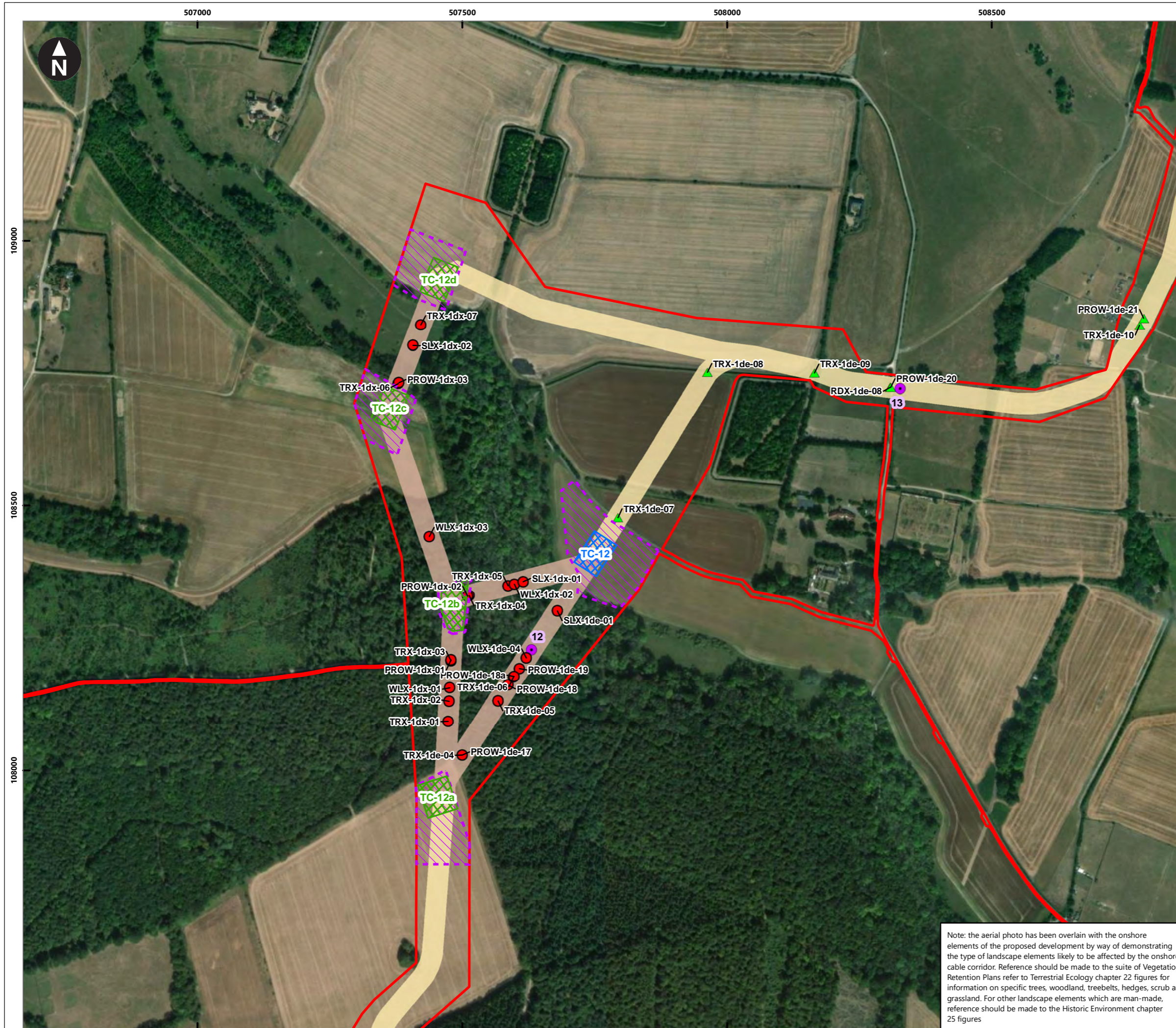
Rampion 2 Offshore Wind Farm

Figure 18.8f Landscape elements along cable corridor

Environmental Statement

Note: the aerial photo has been overlain with the onshore elements of the proposed development by way of demonstrating the type of landscape elements likely to be affected by the onshore cable corridor. Reference should be made to the suite of Vegetation Retention Plans refer to Terrestrial Ecology chapter 22 figures for information on specific trees, woodland, treebelts, hedges, scrub and grassland. For other landscape elements which are man-made, reference should be made to the Historic Environment chapter 25 figures

System Identifier:		Version:	
42285-WSPE-ES-ON-FG-OL-7723		1.0	
Company:	Drawn By:	Chk/Prvrd:	Drawn Date:
WSP	SUTET	RYLOR	01/08/2023
Status:		FINAL	



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Key

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

Proposed crossing method

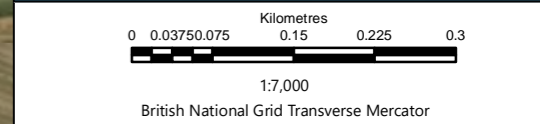
- ▲ Open cut
- Trenchless

Onshore cable route kilometer points

- Onshore cable route

Proposed onshore cable construction corridor

- Indicative trenchless section
- Indicative open cut section



Rampion Extension Development

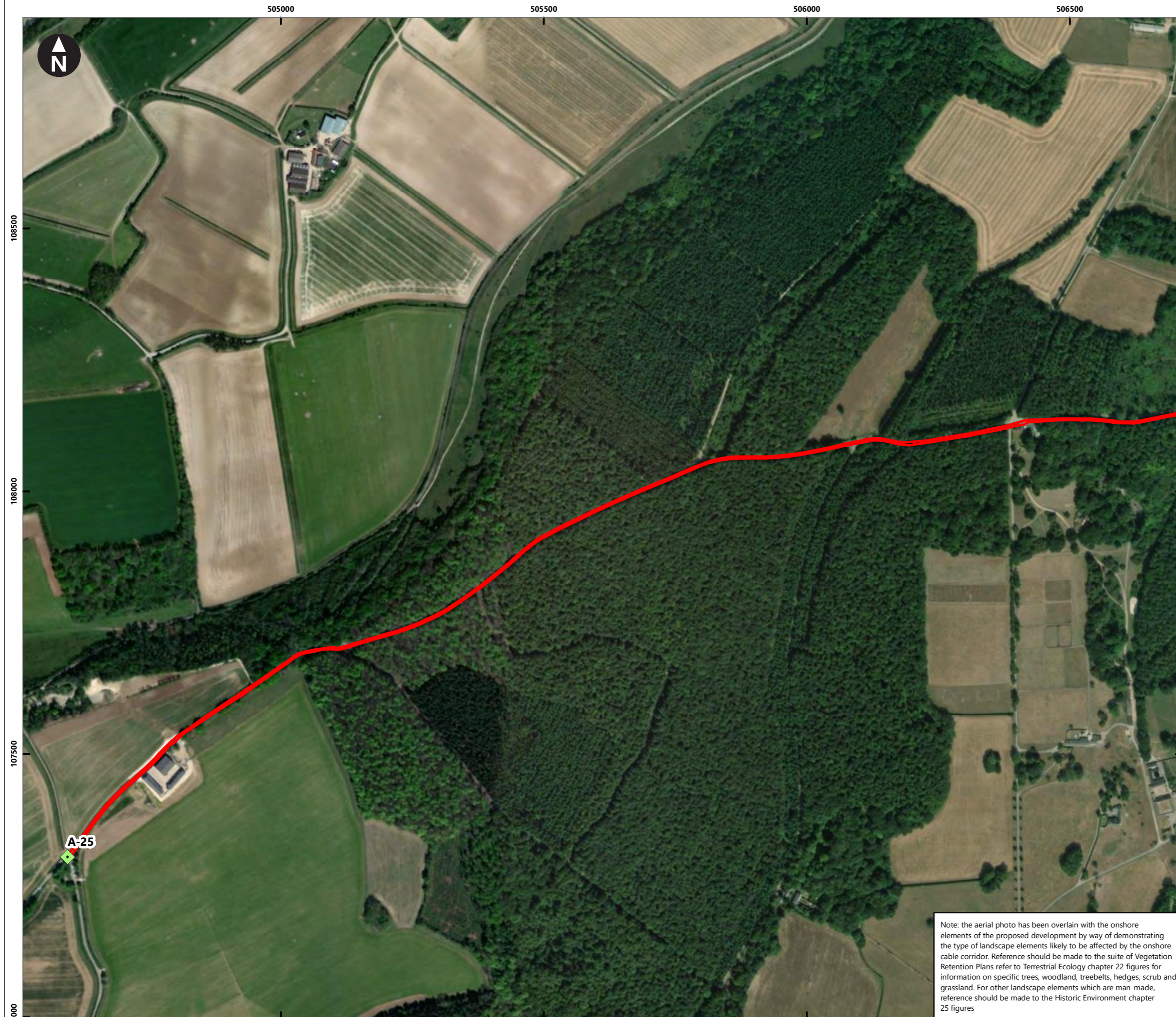
Rampion 2 Offshore Wind Farm

Figure 18.8g Landscape elements along cable corridor

Environmental Statement

Note: the aerial photo has been overlain with the onshore elements of the proposed development by way of demonstrating the type of landscape elements likely to be affected by the onshore cable corridor. Reference should be made to the suite of Vegetation Retention Plans refer to Terrestrial Ecology chapter 22 figures for information on specific trees, woodland, treebelts, hedges, scrub and grassland. For other landscape elements which are man-made, reference should be made to the Historic Environment chapter 25 figures

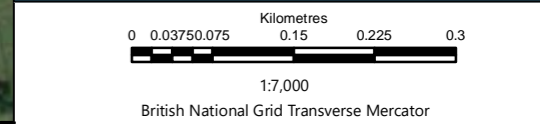
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Company: WSP	Drawn By: SUTET	Chk/Prvd: RYLOR	Drawn Date: 01/08/2023	Status: FINAL



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Key

- Proposed DCO Order Limits
- Access from public highway**
- ◆ Light construction & operational



Rampion Extension Development



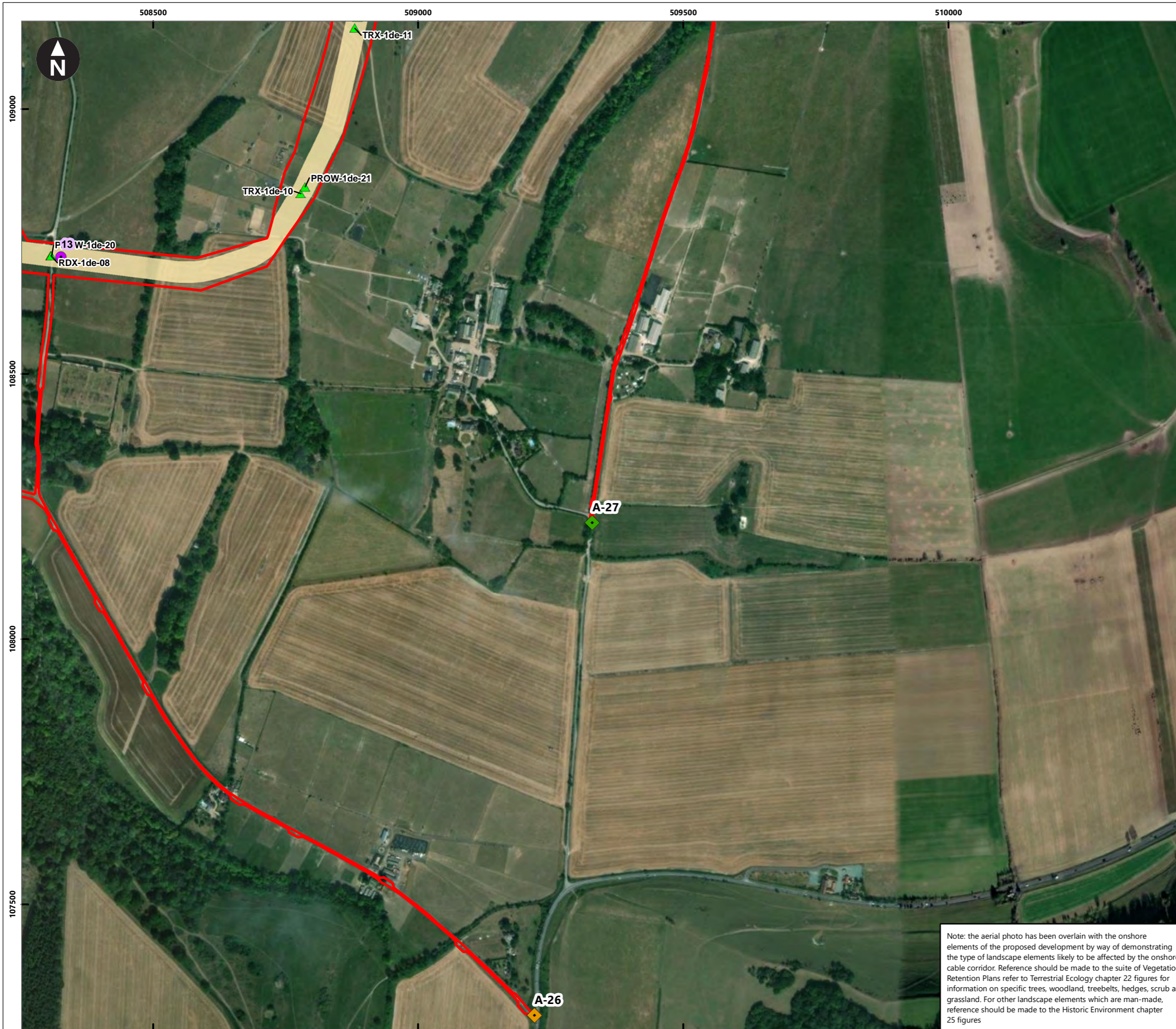
Rampion 2 Offshore Wind Farm

Figure 18.8h Landscape elements along cable corridor

Environmental Statement

Note: the aerial photo has been overlain with the onshore elements of the proposed development by way of demonstrating the type of landscape elements likely to be affected by the onshore cable corridor. Reference should be made to the suite of Vegetation Retention Plans refer to Terrestrial Ecology chapter 22 figures for information on specific trees, woodland, treebelts, hedges, scrub and grassland. For other landscape elements which are man-made, reference should be made to the Historic Environment chapter 25 figures

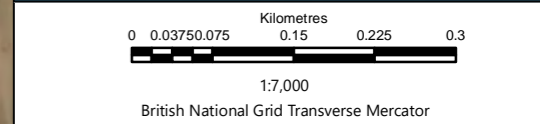
System Identifier:				Version:
42285-WSPE-ES-ON-FG-OL-7723				1.0
Company:	Drawn By:	Chk/Aprvd:	Drawn Date:	Status:
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Key

- Proposed DCO Order Limits
- Proposed crossing method**
- ▲ Open cut
- Onshore cable route kilometer points**
- Onshore cable route
- Proposed onshore cable construction corridor**
- Indicative open cut section
- Access from public highway**
- ◆ Construction & operational
- ◆ Operational



Rampion Extension Development



Rampion 2 Offshore Wind Farm

Figure 18.8i Landscape elements along cable corridor

Environmental Statement

Note: the aerial photo has been overlain with the onshore elements of the proposed development by way of demonstrating the type of landscape elements likely to be affected by the onshore cable corridor. Reference should be made to the suite of Vegetation Retention Plans refer to Terrestrial Ecology chapter 22 figures for information on specific trees, woodland, treebelts, hedges, scrub and grassland. For other landscape elements which are man-made, reference should be made to the Historic Environment chapter 25 figures

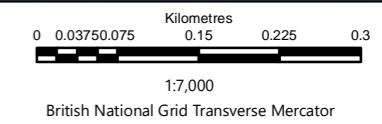
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42285-WSPE-ES-ON-FG-OL-7723				1.0
Company:	Drawn By:	Chk/Aprvd:	Drawn Date:	Status:
WSP	SUTET	RYLOR	01/08/2023	FINAL



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Key

- Proposed DCO Order Limits
- ◆ Access from public highway
Construction
- ◆ Operational



Rampion Extension Development

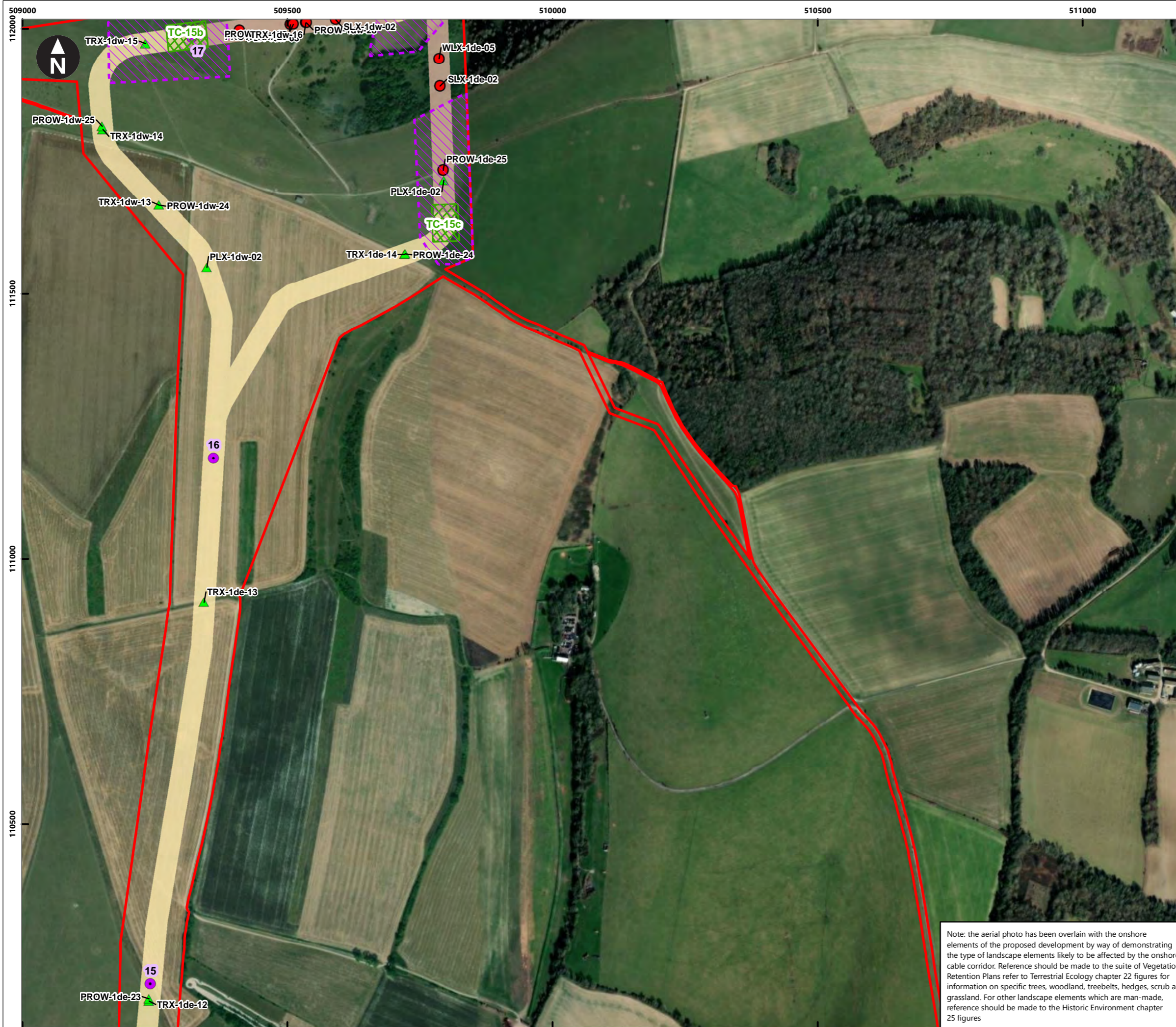
Rampion 2 Offshore Wind Farm

Figure 18.8j Landscape elements along cable corridor

Environmental Statement

Note: the aerial photo has been overlain with the onshore elements of the proposed development by way of demonstrating the type of landscape elements likely to be affected by the onshore cable corridor. Reference should be made to the suite of Vegetation Retention Plans refer to Terrestrial Ecology chapter 22 figures for information on specific trees, woodland, treebelts, hedges, scrub and grassland. For other landscape elements which are man-made, reference should be made to the Historic Environment chapter 25 figures

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Key

- Proposed DCO Order Limits
- Trenchless Crossing (TC) limits of deviation
- Trenchless Crossing (TC) compound alternatives

Proposed crossing method

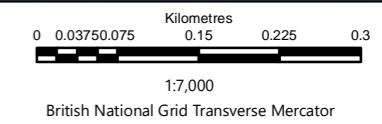
- ▲ Open cut
- Trenchless

Onshore cable route kilometer points

- Onshore cable route

Proposed onshore cable construction corridor

- Indicative trenchless section
- Indicative open cut section



Rampion Extension Development



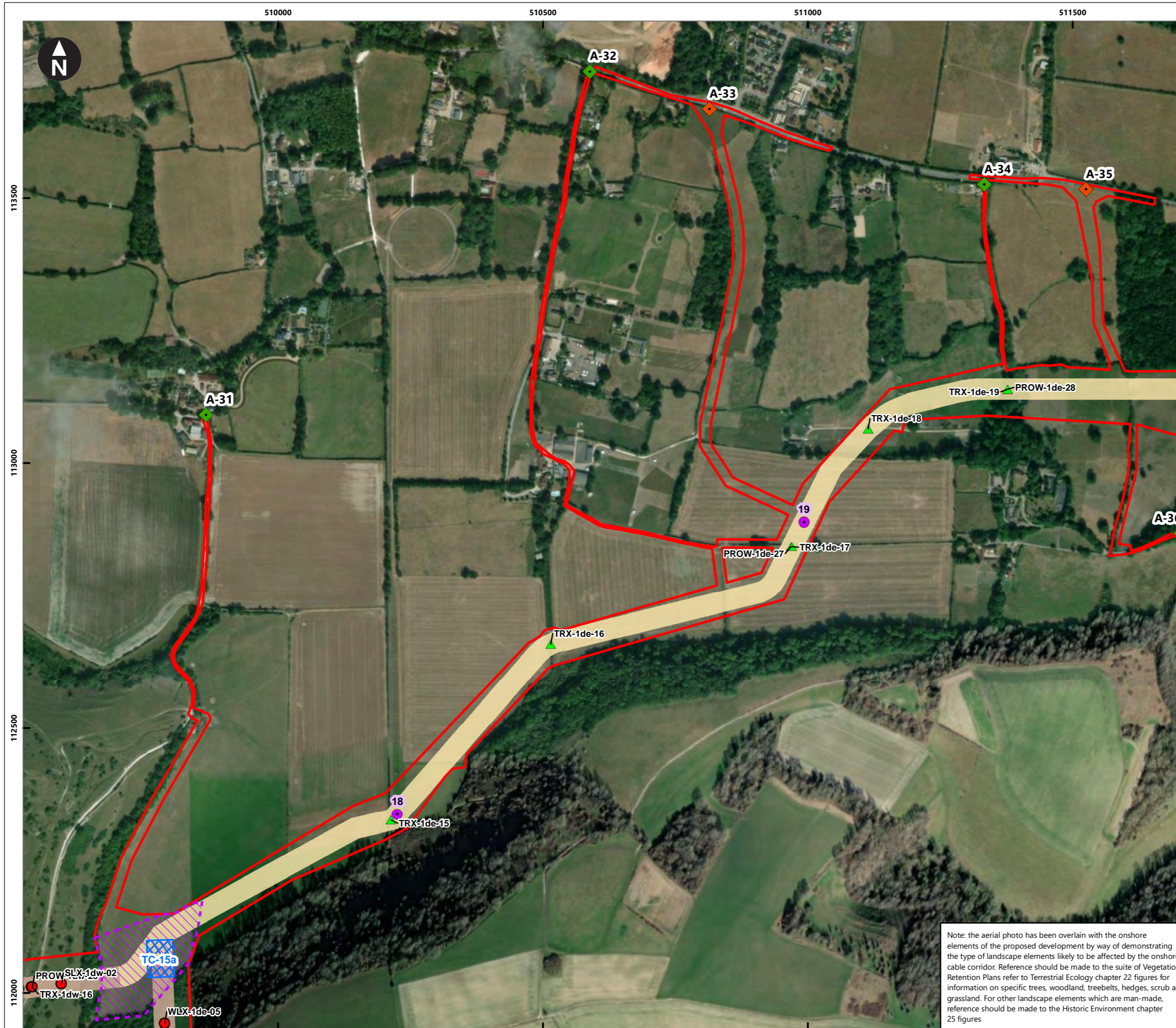
Rampion 2 Offshore Wind Farm

Figure 18.8k Landscape elements along cable corridor

Environmental Statement

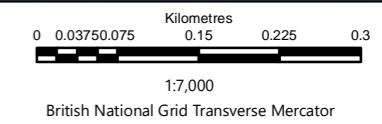
Note: the aerial photo has been overlain with the onshore elements of the proposed development by way of demonstrating the type of landscape elements likely to be affected by the onshore cable corridor. Reference should be made to the suite of Vegetation Retention Plans refer to Terrestrial Ecology chapter 22 figures for information on specific trees, woodland, treebelts, hedges, scrub and grassland. For other landscape elements which are man-made, reference should be made to the Historic Environment chapter 25 figures

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- Key**
- Proposed DCO Order Limits
 - Trenchless Crossing (TC) compounds
 - Trenchless Crossing (TC) limits of deviation
- Proposed crossing method**
- ▲ Open cut
 - Trenchless
- Onshore cable route kilometer points**
- Onshore cable route
- Proposed onshore cable construction corridor**
- Indicative trenchless section
 - Indicative open cut section
- Access from public highway**
- ◆ Construction
 - ◆ Operational



Rampion Extension Development

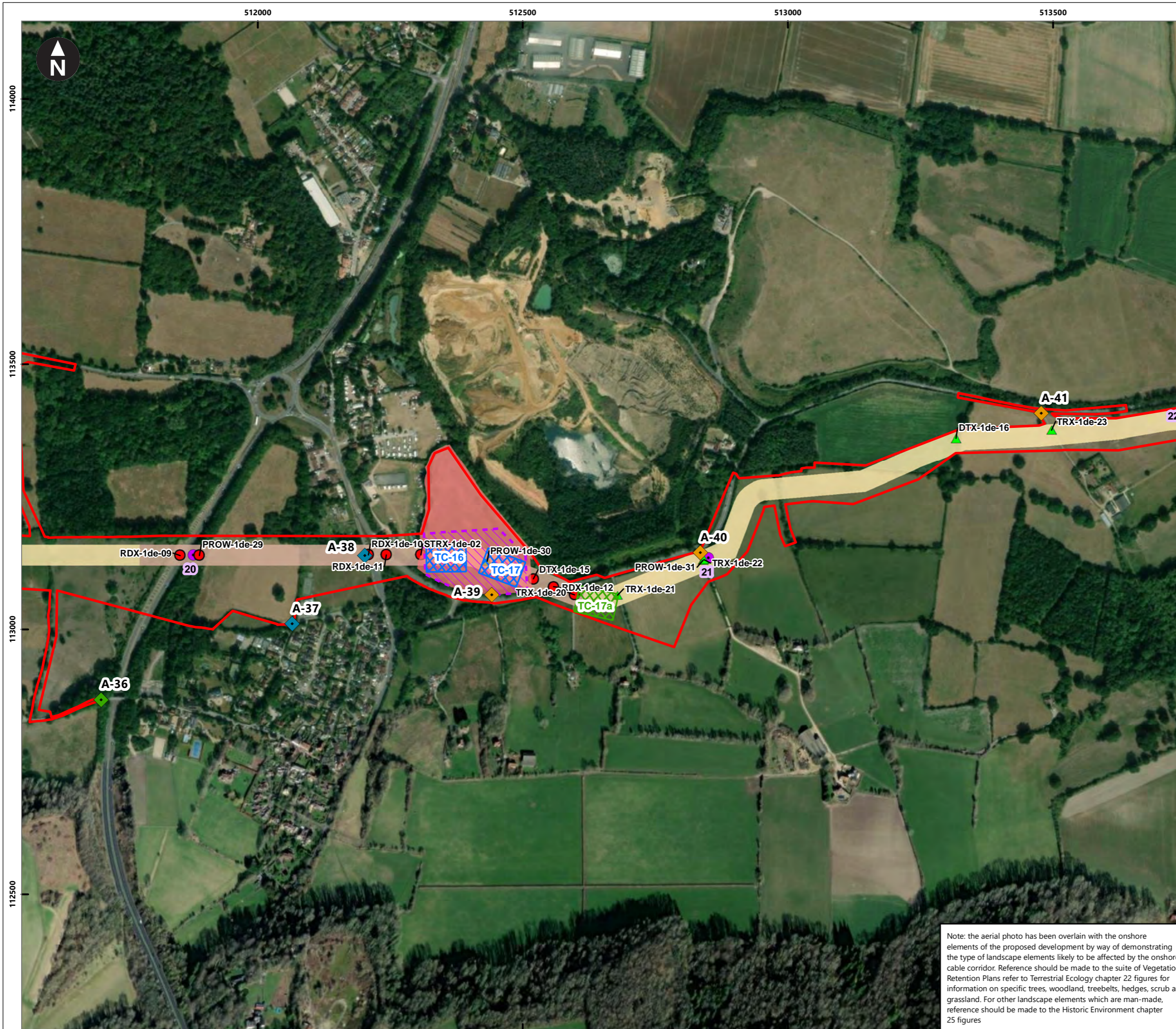
Rampion 2 Offshore Wind Farm

Figure 18.8I Landscape elements along cable corridor

Environmental Statement

Note: the aerial photo has been overlain with the onshore elements of the proposed development by way of demonstrating the type of landscape elements likely to be affected by the onshore cable corridor. Reference should be made to the suite of Vegetation Retention Plans refer to Terrestrial Ecology chapter 22 figures for information on specific trees, woodland, treebelts, hedges, scrub and grassland. For other landscape elements which are man-made, reference should be made to the Historic Environment chapter 25 figures

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Key

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

Proposed crossing method

- ▲ Open cut
- Trenchless

Onshore cable route kilometer points

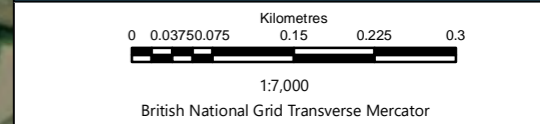
- Onshore cable route

Proposed onshore cable construction corridor

- Indicative trenchless section
- Indicative open cut section

Access from public highway

- ◆ Construction & operational
- ◆ Light construction
- ◆ Operational



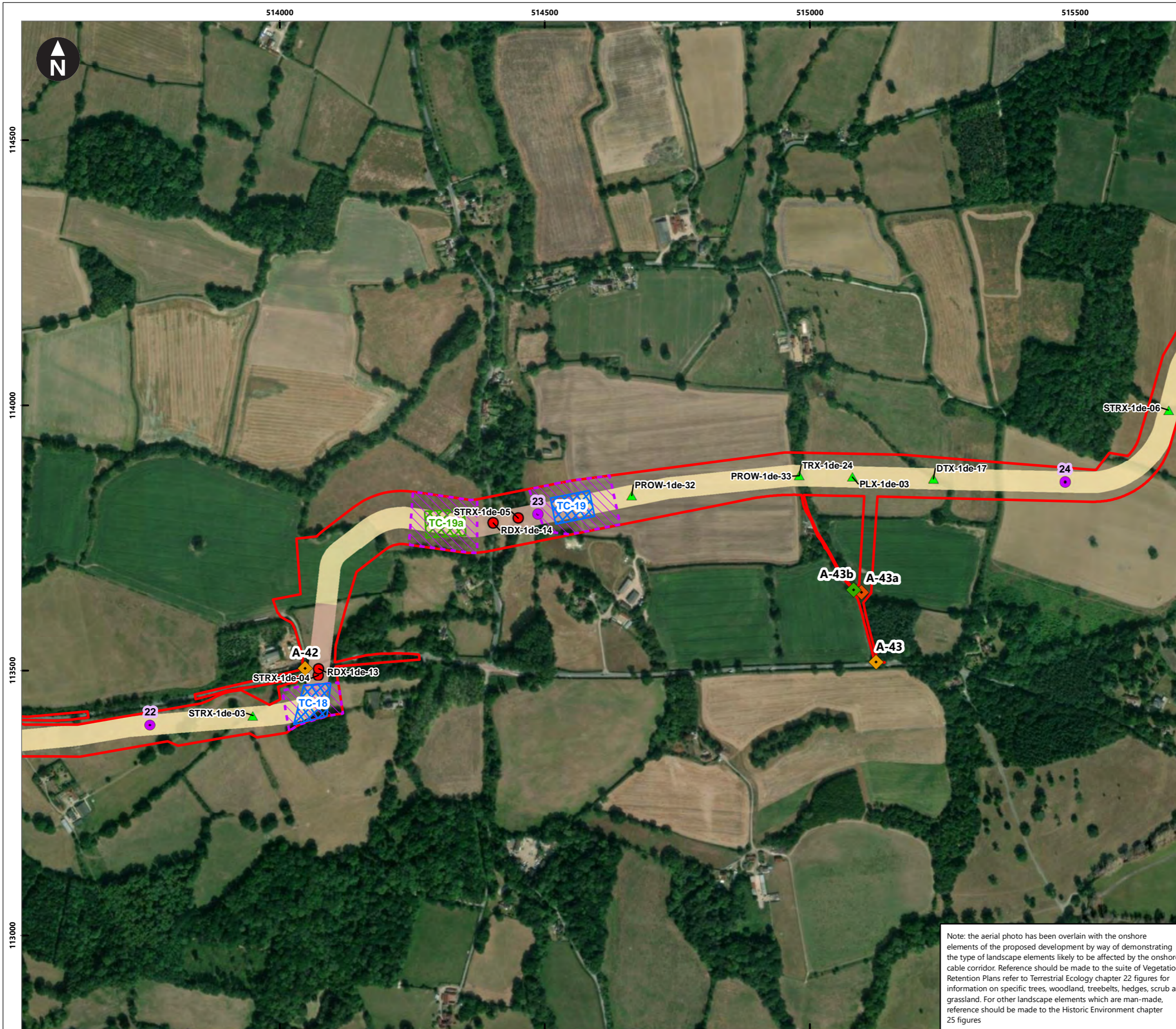
Rampion 2 Offshore Wind Farm

Figure 18.8m Landscape elements along cable corridor

Environmental Statement

Note: the aerial photo has been overlain with the onshore elements of the proposed development by way of demonstrating the type of landscape elements likely to be affected by the onshore cable corridor. Reference should be made to the suite of Vegetation Retention Plans refer to Terrestrial Ecology chapter 22 figures for information on specific trees, woodland, treebelts, hedges, scrub and grassland. For other landscape elements which are man-made, reference should be made to the Historic Environment chapter 25 figures

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Key

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

Proposed crossing method

- ▲ Open cut
- Trenchless

Onshore cable route kilometer points

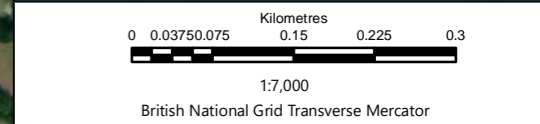
- Onshore cable route

Proposed onshore cable construction corridor

- Indicative trenchless section
- Indicative open cut section

Access from public highway

- ◆ Construction
- ◆ Construction & operational
- ◆ Operational



Rampion Extension Development

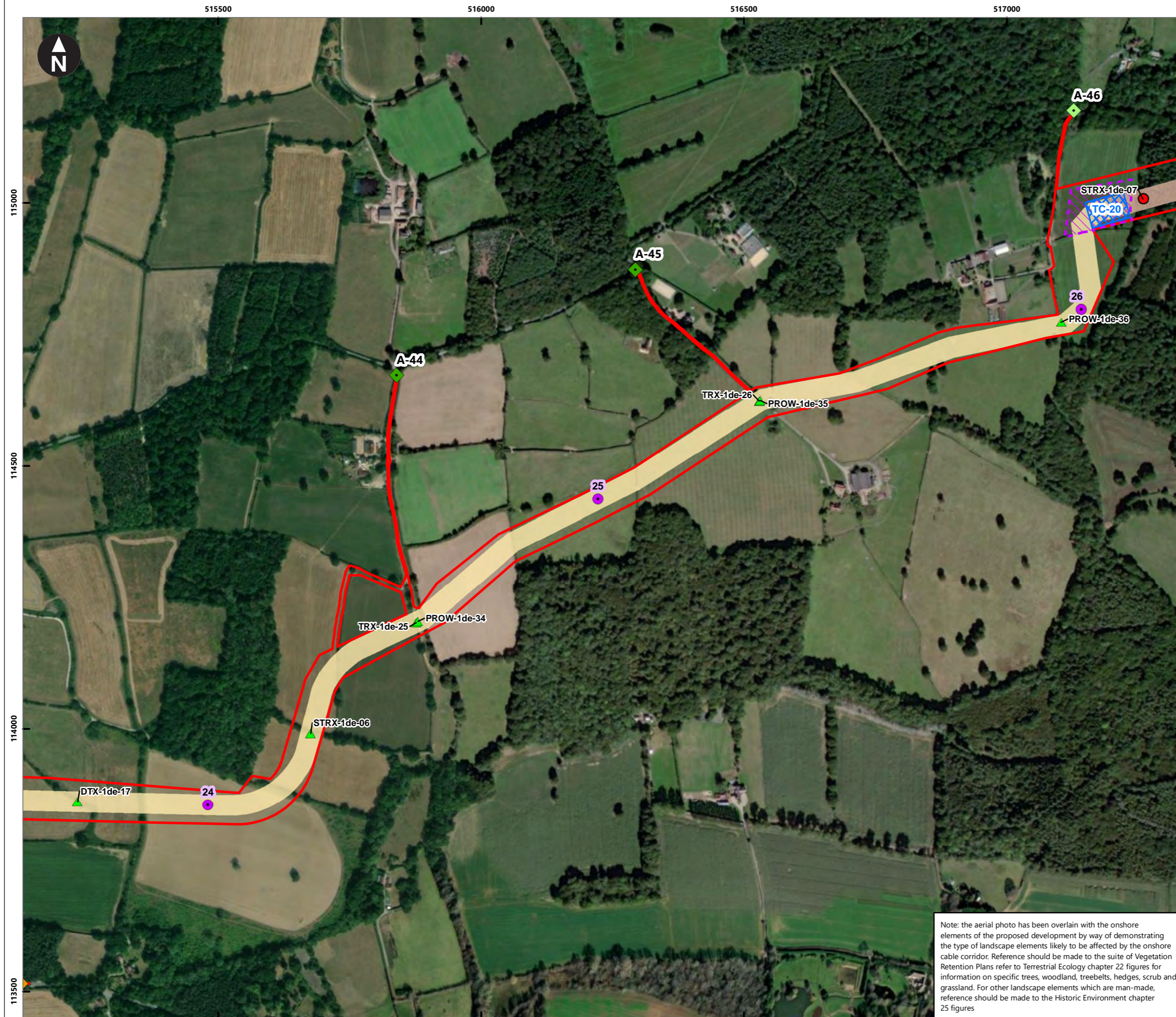
Rampion 2 Offshore Wind Farm

Figure 18.8n Landscape elements along cable corridor

Environmental Statement

Note: the aerial photo has been overlain with the onshore elements of the proposed development by way of demonstrating the type of landscape elements likely to be affected by the onshore cable corridor. Reference should be made to the suite of Vegetation Retention Plans refer to Terrestrial Ecology chapter 22 figures for information on specific trees, woodland, treebelts, hedges, scrub and grassland. For other landscape elements which are man-made, reference should be made to the Historic Environment chapter 25 figures

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Key

- Proposed DCO Order Limits
- Trenchless Crossing (TC) compounds
- Trenchless Crossing (TC) limits of deviation

Proposed crossing method

- ▲ Open cut
- Trenchless

Onshore cable route kilometer points

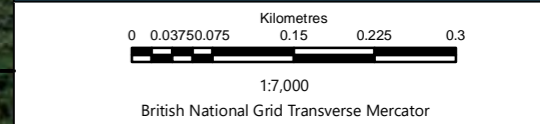
- Onshore cable route

Proposed onshore cable construction corridor

- Indicative trenchless section
- Indicative open cut section

Access from public highway

- ◆ Construction & operational
- ◆ Light construction & operational
- ◆ Operational



Rampion Extension Development

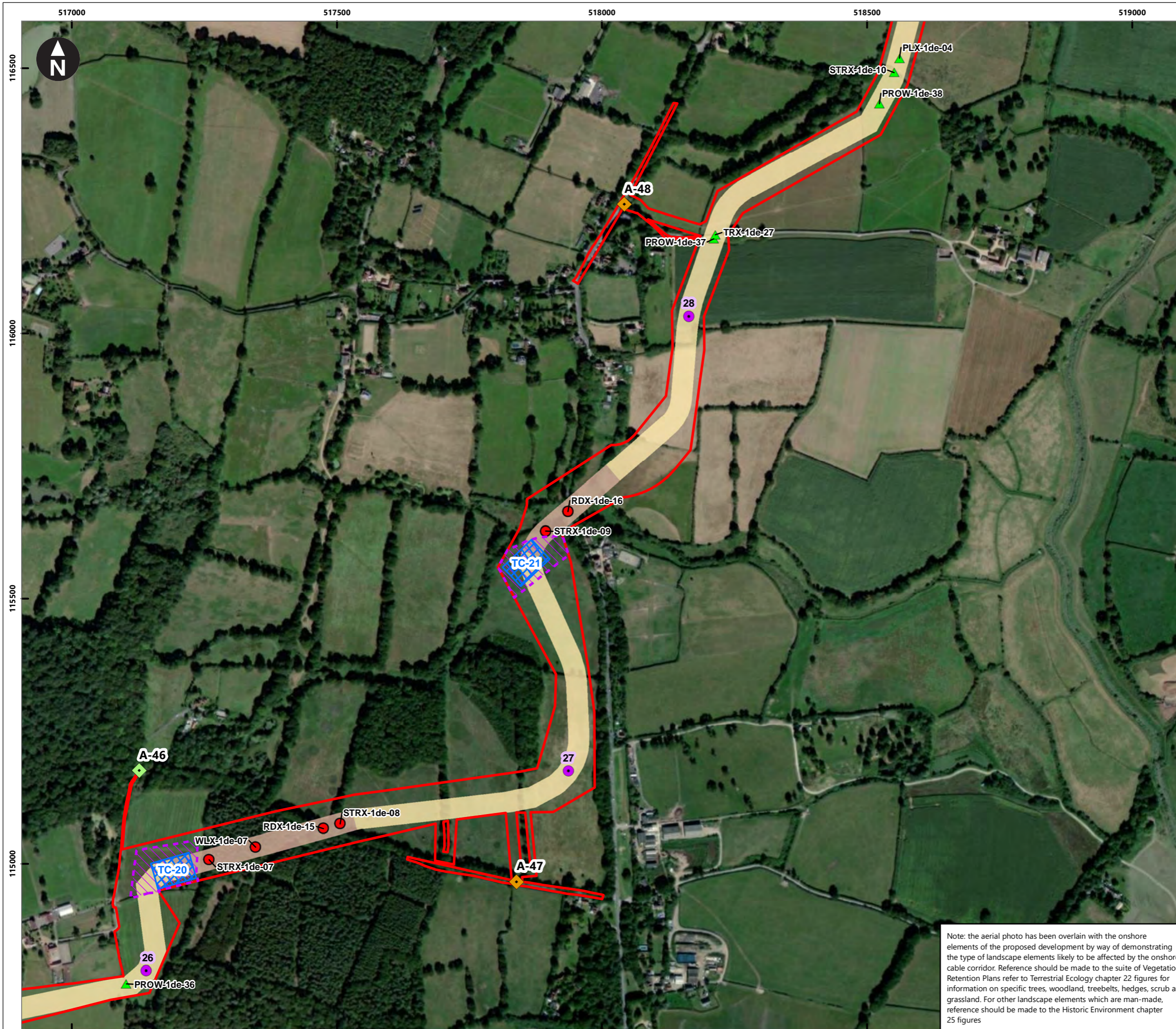
Rampion 2 Offshore Wind Farm

Figure 18.8o Landscape elements along cable corridor

Environmental Statement

Note: the aerial photo has been overlain with the onshore elements of the proposed development by way of demonstrating the type of landscape elements likely to be affected by the onshore cable corridor. Reference should be made to the suite of Vegetation Retention Plans refer to Terrestrial Ecology chapter 22 figures for information on specific trees, woodland, treebelts, hedges, scrub and grassland. For other landscape elements which are man-made, reference should be made to the Historic Environment chapter 25 figures

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Key

- Proposed DCO Order Limits
- Trenchless Crossing (TC) compounds
- Trenchless Crossing (TC) limits of deviation

Proposed crossing method

- ▲ Open cut
- Trenchless

Onshore cable route kilometer points

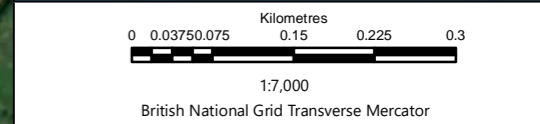
- Onshore cable route

Proposed onshore cable construction corridor

- Indicative trenchless section
- Indicative open cut section

Access from public highway

- ◆ Construction & operational
- ◆ Light construction & operational



Rampion Extension Development

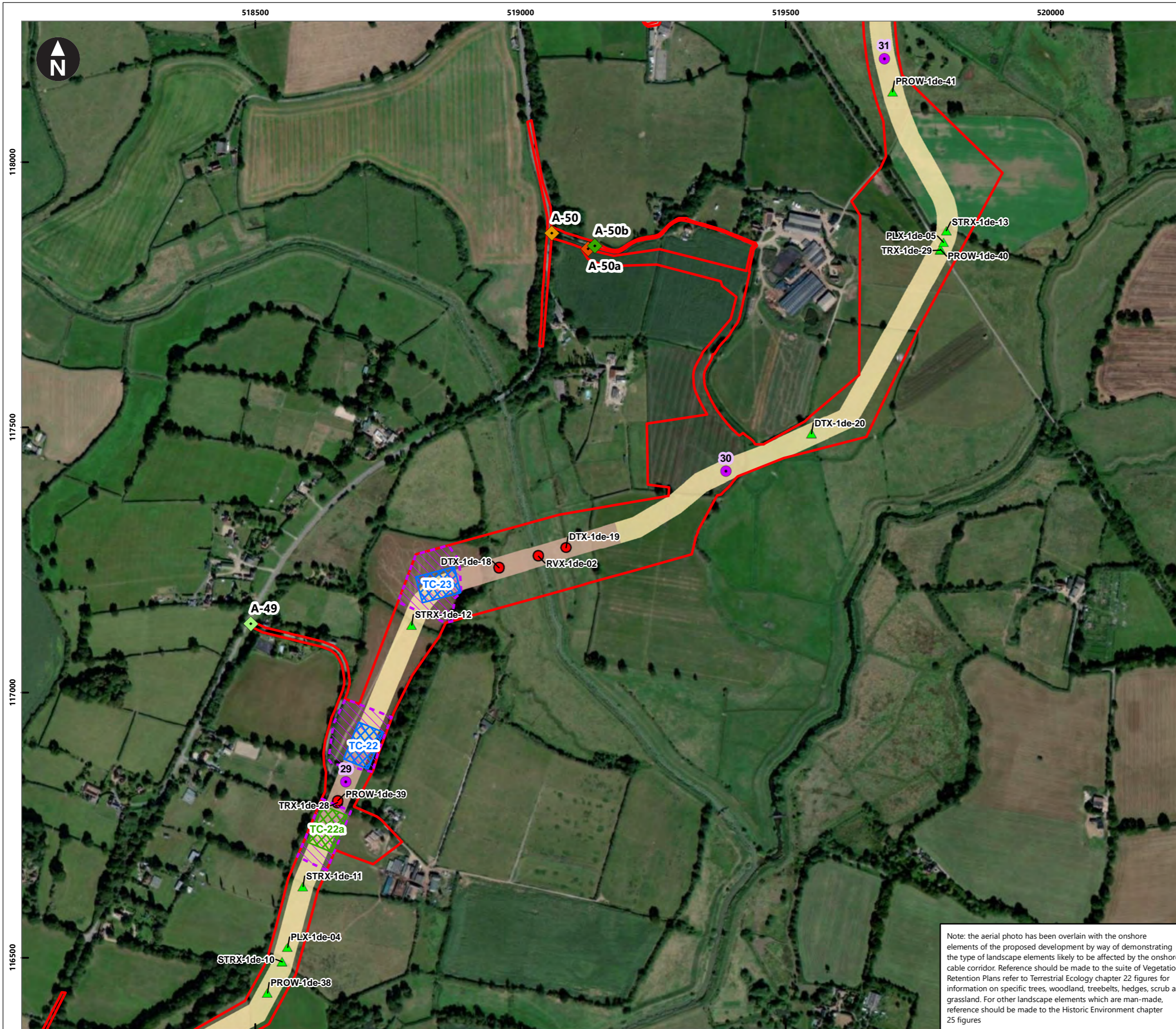
Rampion 2 Offshore Wind Farm

Figure 18.8p Landscape elements along cable corridor

Environmental Statement

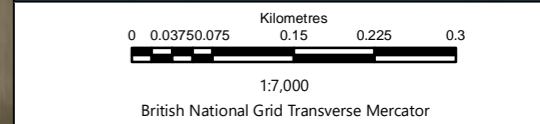
Note: the aerial photo has been overlain with the onshore elements of the proposed development by way of demonstrating the type of landscape elements likely to be affected by the onshore cable corridor. Reference should be made to the suite of Vegetation Retention Plans refer to Terrestrial Ecology chapter 22 figures for information on specific trees, woodland, treebelts, hedges, scrub and grassland. For other landscape elements which are man-made, reference should be made to the Historic Environment chapter 25 figures

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Status:	FINAL		



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- Key**
- Proposed DCO Order Limits
 - Trenchless Crossing (TC) compounds
 - Trenchless Crossing (TC) limits of deviation
 - Trenchless Crossing (TC) compound alternatives
- Proposed crossing method**
- ▲ Open cut
 - Trenchless
- Onshore cable route kilometer points**
- Onshore cable route
- Proposed onshore cable construction corridor**
- Indicative trenchless section
 - Indicative open cut section
- Access from public highway**
- ◆ Construction
 - ◆ Construction & operational
 - ◆ Light construction & operational
 - ◆ Operational



Rampion Extension Development

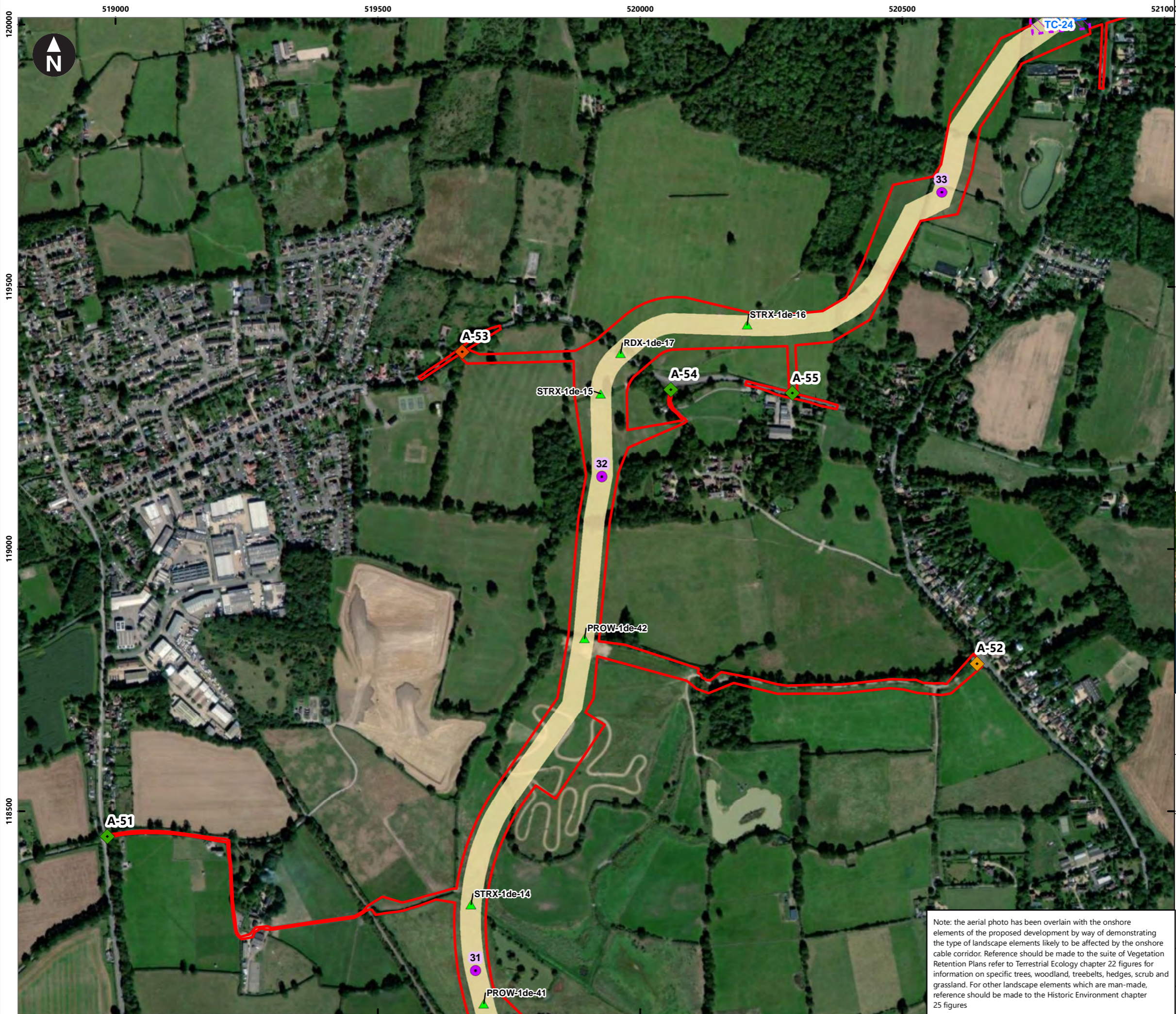
Rampion 2 Offshore Wind Farm

Figure 18.8q Landscape elements along cable corridor

Environmental Statement

Note: the aerial photo has been overlain with the onshore elements of the proposed development by way of demonstrating the type of landscape elements likely to be affected by the onshore cable corridor. Reference should be made to the suite of Vegetation Retention Plans refer to Terrestrial Ecology chapter 22 figures for information on specific trees, woodland, treebelts, hedges, scrub and grassland. For other landscape elements which are man-made, reference should be made to the Historic Environment chapter 25 figures

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Key

- Proposed DCO Order Limits
- Trenchless Crossing (TC) compounds
- Trenchless Crossing (TC) limits of deviation

Proposed crossing method

- ▲ Open cut

Onshore cable route kilometer points

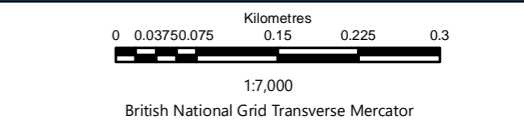
- Onshore cable route

Proposed onshore cable construction corridor

- Indicative trenchless section
- Indicative open cut section

Access from public highway

- ◆ Construction
- ◆ Construction & operational
- ◆ Operational



Rampion Extension Development

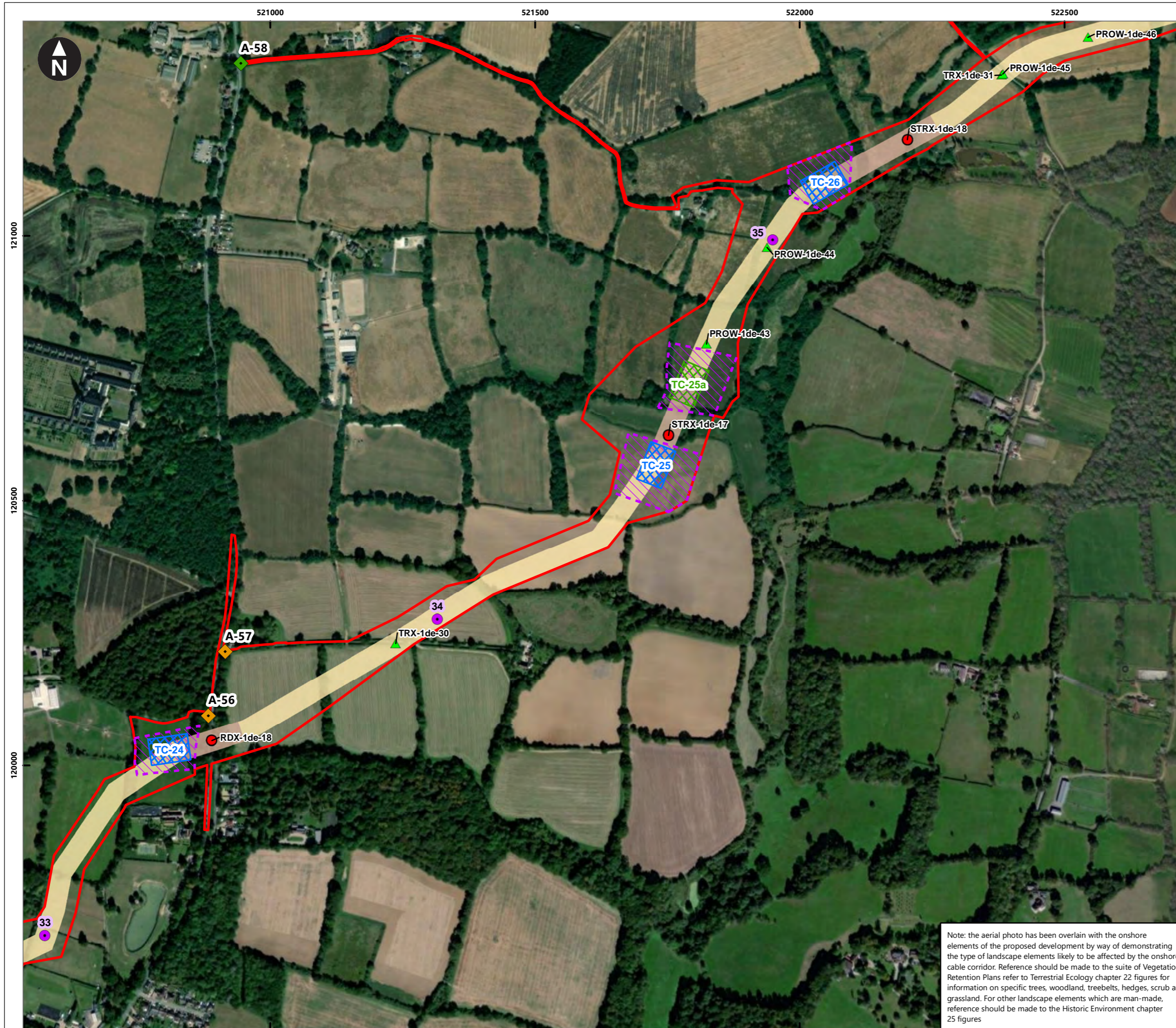
Rampion 2 Offshore Wind Farm

Figure 18.8r Landscape elements along cable corridor

Environmental Statement

Note: the aerial photo has been overlain with the onshore elements of the proposed development by way of demonstrating the type of landscape elements likely to be affected by the onshore cable corridor. Reference should be made to the suite of Vegetation Retention Plans refer to Terrestrial Ecology chapter 22 figures for information on specific trees, woodland, treebelts, hedges, scrub and grassland. For other landscape elements which are man-made, reference should be made to the Historic Environment chapter 25 figures

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Key

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

Proposed crossing method

- ▲ Open cut
- Trenchless

Onshore cable route kilometer points

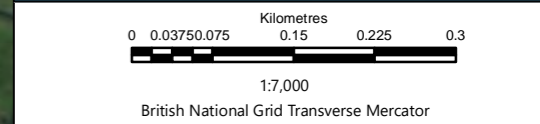
- Onshore cable route

Proposed onshore cable construction corridor

- Indicative trenchless section
- Indicative open cut section

Access from public highway

- ◆ Construction & operational
- ◆ Operational



Rampion Extension Development

Rampion 2 Offshore Wind Farm

Figure 18.8s Landscape elements along cable corridor

Environmental Statement

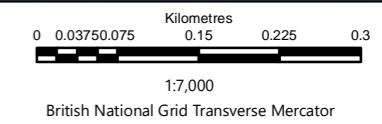
Note: the aerial photo has been overlain with the onshore elements of the proposed development by way of demonstrating the type of landscape elements likely to be affected by the onshore cable corridor. Reference should be made to the suite of Vegetation Retention Plans refer to Terrestrial Ecology chapter 22 figures for information on specific trees, woodland, treebelts, hedges, scrub and grassland. For other landscape elements which are man-made, reference should be made to the Historic Environment chapter 25 figures

System Identifier: 42285-WSP-ES-ON-FG-OL-7723				Version: 1.0
Company: WSP	Drawn By: SUTET	Chk/Prvd: RYLOR	Drawn Date: 01/08/2023	Status: FINAL



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

- Key**
- Proposed DCO Order Limits
 - Bolney Substation extension (GIS)*
 - Bolney Substation extension (AIS)*
 - Temporary construction compound
 - Trenchless Crossing (TC) compounds
 - Trenchless Crossing (TC) limits of deviation
- Proposed crossing method**
- ▲ Open cut
 - Trenchless
- Onshore cable route kilometer points**
- Onshore Substation connection
- Proposed onshore cable construction corridor**
- Indicative trenchless section
 - Indicative open cut section
- Access from public highway**
- ◆ Construction
 - ◇ Construction & operational
 - ◇ Light construction & operational
 - ◆ Operational



Rampion Extension Development

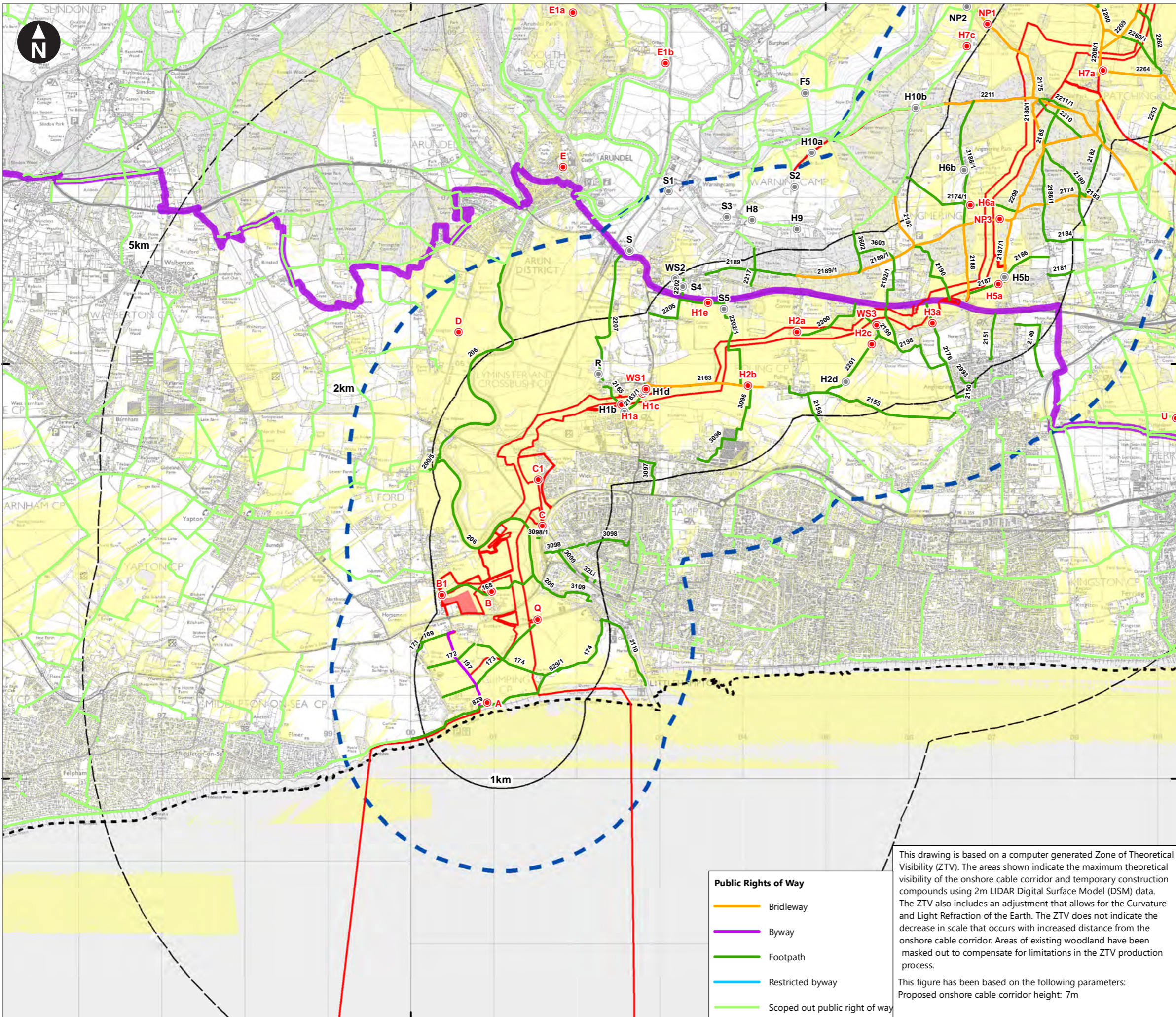
Rampion 2 Offshore Wind Farm

Figure 18.8u Landscape elements along cable corridor

Environmental Statement

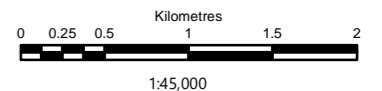
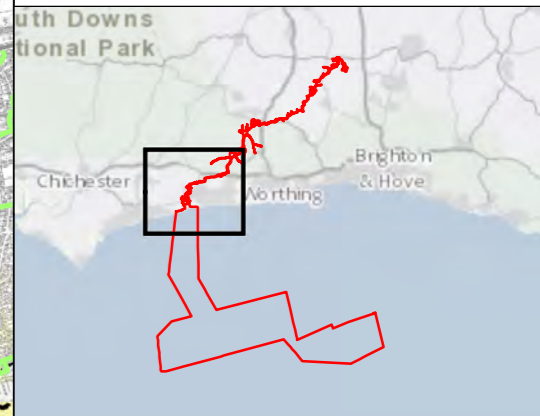
Note: the aerial photo has been overlain with the onshore elements of the proposed development by way of demonstrating the type of landscape elements likely to be affected by the onshore cable corridor. Reference should be made to the suite of Vegetation Retention Plans refer to Terrestrial Ecology chapter 22 figures for information on specific trees, woodland, treebelts, hedges, scrub and grassland. For other landscape elements which are man-made, reference should be made to the Historic Environment chapter 25 figures

System Identifier: 42285-WSPE-ES-ON-FG-OL-7723				Version: 1.0
Company: WSP	Drawn By: SUTET	Chk/Prvd: RYLOR	Drawn Date: 01/08/2023	Status: FINAL



- Proposed DCO Order Limits
- Onshore substation
- Bolney substation extension (AIS/GIS)*
- Temporary construction compound
- Landscape and Visual Study Area
- Lines indicating the distance from the centre of the Proposed DCO Order Limits
- Local authority district administrative boundaries
- Area where onshore cable corridor construction works is theoretically visible
- South Downs National Park
- LVIA Viewpoints
- Omitted LVIA Viewpoints

*AIS = Air Insulated Switchgear
*GIS = Gas Insulated Switchgear



- Public Rights of Way**
- Bridleway
 - Byway
 - Footpath
 - Restricted byway
 - Scoped out public right of way

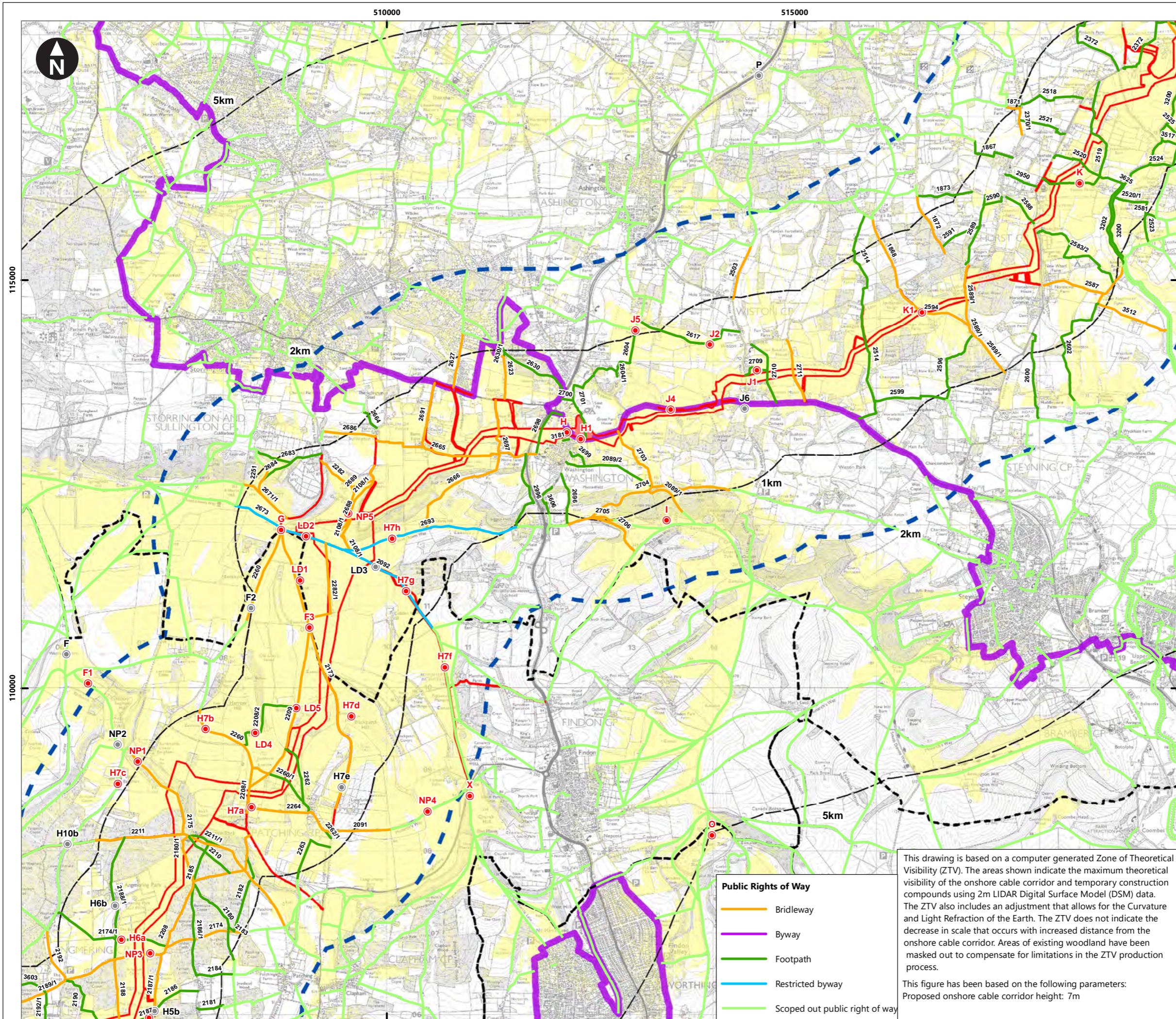
This drawing is based on a computer generated Zone of Theoretical Visibility (ZTV). The areas shown indicate the maximum theoretical visibility of the onshore cable corridor and temporary construction compounds using 2m LIDAR Digital Surface Model (DSM) data. The ZTV also includes an adjustment that allows for the Curvature and Light Refraction of the Earth. The ZTV does not indicate the decrease in scale that occurs with increased distance from the onshore cable corridor. Areas of existing woodland have been masked out to compensate for limitations in the ZTV production process.

This figure has been based on the following parameters:
Proposed onshore cable corridor height: 7m

Rampion Extension Development

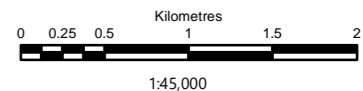
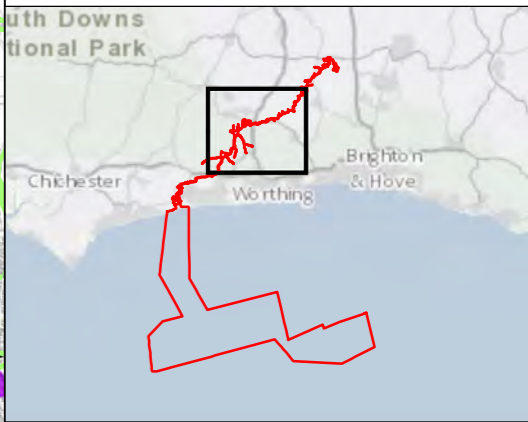
Rampion 2 Offshore Wind Farm
Figure 18.9a Public Rights of Way
Environmental Statement

System Identifier: 42285-WSPE-ES-ON-FG-OL-6486		Version: 1.0	
Company: WSP	Drawn By: SUTET	Chk/Prvd: RYLOR	Drawn Date: 25/07/2023
Status: FINAL			



- Proposed DCO Order Limits
- Onshore substation
- Bolney substation extension (AIS/GIS)*
- Temporary construction compound
- Landscape and Visual Study Area
- Lines indicating the distance from the centre of the Proposed DCO Order Limits
- Local authority district administrative boundaries
- Area where onshore cable corridor construction works is theoretically visible
- South Downs National Park
- LVIA Viewpoints
- Omitted LVIA Viewpoints

*AIS = Air Insulated Switchgear
*GIS = Gas Insulated Switchgear



- Public Rights of Way**
- Bridleway
 - Byway
 - Footpath
 - Restricted byway
 - Scoped out public right of way

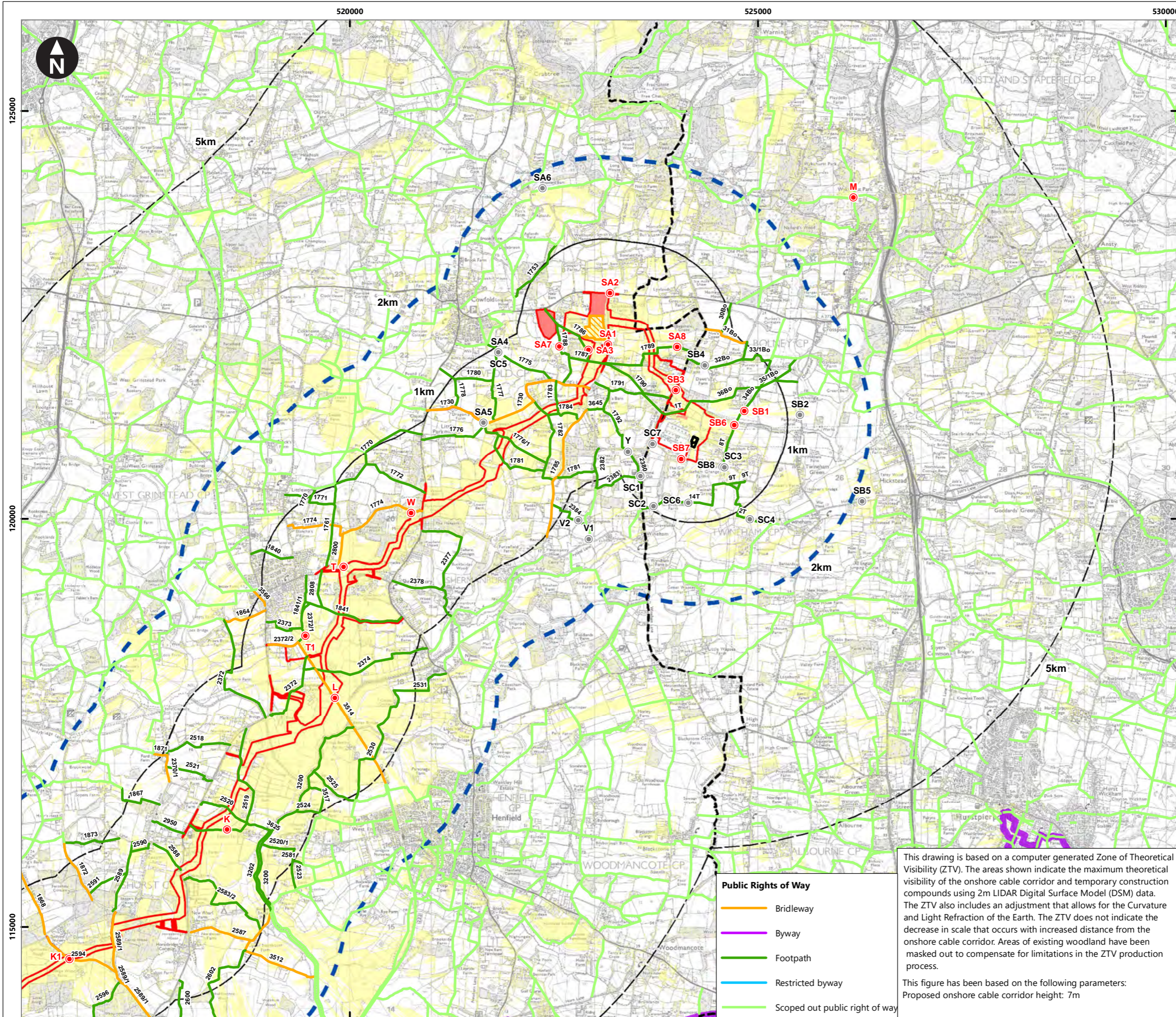
This drawing is based on a computer generated Zone of Theoretical Visibility (ZTV). The areas shown indicate the maximum theoretical visibility of the onshore cable corridor and temporary construction compounds using 2m LIDAR Digital Surface Model (DSM) data. The ZTV also includes an adjustment that allows for the Curvature and Light Refraction of the Earth. The ZTV does not indicate the decrease in scale that occurs with increased distance from the onshore cable corridor. Areas of existing woodland have been masked out to compensate for limitations in the ZTV production process.

This figure has been based on the following parameters:
Proposed onshore cable corridor height: 7m



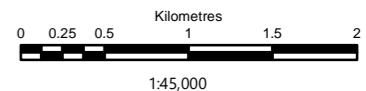
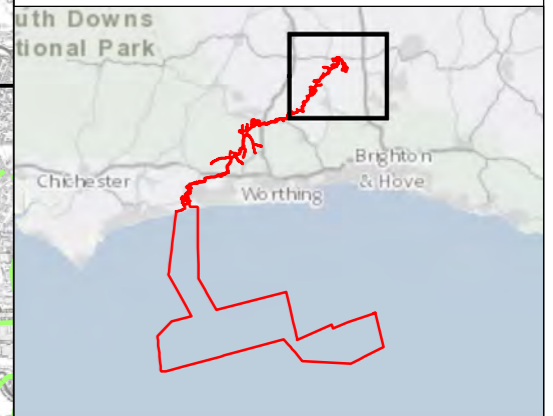
Rampion 2 Offshore Wind Farm
Figure 18.9b Public Rights of Way
Environmental Statement

System Identifier: 42285-WSP-ES-ON-FG-OL-6486		Version: 1.0	
Company: WSP	Drawn By: SUTET	Chk/Prvd: RYLOR	Drawn Date: 25/07/2023
Status: FINAL			



- Proposed DCO Order Limits
- Onshore substation
- Bolney substation extension (AIS/GIS)*
- Temporary construction compound
- Landscape and Visual Study Area
- Lines indicating the distance from the centre of the Proposed DCO Order Limits
- Local authority district administrative boundaries
- Area where onshore cable corridor construction works is theoretically visible
- South Downs National Park
- LVIA Viewpoints
- Omitted LVIA Viewpoints

*AIS = Air Insulated Switchgear
*GIS = Gas Insulated Switchgear



- Public Rights of Way**
- Bridleway
 - Byway
 - Footpath
 - Restricted byway
 - Scoped out public right of way

This drawing is based on a computer generated Zone of Theoretical Visibility (ZTV). The areas shown indicate the maximum theoretical visibility of the onshore cable corridor and temporary construction compounds using 2m LIDAR Digital Surface Model (DSM) data. The ZTV also includes an adjustment that allows for the Curvature and Light Refraction of the Earth. The ZTV does not indicate the decrease in scale that occurs with increased distance from the onshore cable corridor. Areas of existing woodland have been masked out to compensate for limitations in the ZTV production process.

This figure has been based on the following parameters:
Proposed onshore cable corridor height: 7m

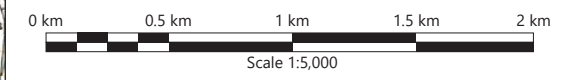
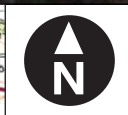
Rampion Extension Development

Rampion 2 Offshore Wind Farm

Figure 18.9c Public Rights of Way

Environmental Statement

System Identifier: 42285-WSP-ES-ON-FG-OL-6486		Version: 1.0
Company: WSP	Drawn By: SUTET	Chk/Prvd: RYLOR
Drawn Date: 25/07/2023	Status: FINAL	



Photograph Parameters Viewpoint SA1 Kent Street :

Location grid reference:	E523 166, N122 139	Distance:	72m
GPS location accuracy:	+/- 3m	Camera:	Canon EOS 5D MK2
Horizontal field of view:	90° (cylindrical projection)	Lens:	50mm (Canon EF 50mm f/1.8)
Paper size:	841mm x 297mm (1/2 A1)	Camera height:	1.5m AGL
Correct printed image size:	820 x 250mm	Date and time:	17/12/2020 15:20

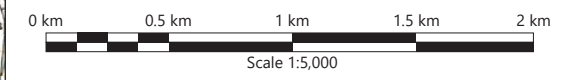
Note: Figure produced to accord with the Landscape Institute's Technical Guidance Note 6/19: Visual Representation of Development Proposals.

100% Enlargement

Company:	WSP	Rampion 2 Offshore Wind Farm
Drawn By:	BRYCC	Figure 18.10a
Chk/Prvd:	RYLOR	Onshore substation Oakendene Substation
Drawn Date:	16/06/2023	Viewpoint SA1: Kent Street (Existing View)
Status:	FINAL	Environmental Statement

TYPE 1 VISUALISATION





Photograph Parameters Viewpoint SA1 Kent Street :

Location grid reference:	E523 166, N122 139	Distance:	72m
GPS location accuracy:	+/- 3m	Camera:	Canon EOS 5D MK2
Horizontal field of view:	90° (cylindrical projection)	Lens:	50mm (Canon EF 50mm f/1.8)
Paper size:	841mm x 297mm (1/2 A1)	Camera height:	1.5m AGL
Correct printed image size:	820 x 250mm	Date and time:	17/12/2020 15:20

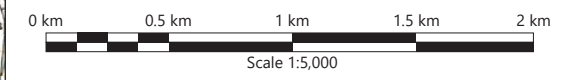
Note: Figure produced to accord with the Landscape Institute's Technical Guidance Note 6/19: Visual Representation of Development Proposals.

100% Enlargement

Company:	WSP	Rampion 2 Offshore Wind Farm
Drawn By:	BRYCC	Figure 18.10b
Chk/Prvd:	RYLOR	Onshore substation Oakendene Substation
Drawn Date:	16/06/2023	Viewpoint SA1: Kent Street (Year 1)
Status:	FINAL	Environmental Statement

TYPE 1 VISUALISATION






Photograph Parameters Viewpoint SA1 Kent Street :

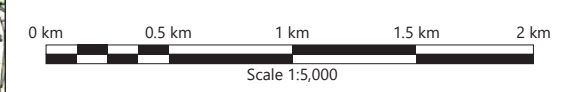
Location grid reference:	E523 166, N122 139	Distance:	72m
GPS location accuracy:	+/- 3m	Camera:	Canon EOS 5D MK2
Horizontal field of view:	90° (cylindrical projection)	Lens:	50mm (Canon EF 50mm f/1.8)
Paper size:	841mm x 297mm (1/2 A1)	Camera height:	1.5m AGL
Correct printed image size:	820 x 250mm	Date and time:	17/12/2020 15:20

Note: Figure produced to accord with the Landscape Institute's Technical Guidance Note 6/19: Visual Representation of Development Proposals.

100% Enlargement

Company:	WSP	Rampion 2 Offshore Wind Farm
Drawn By:	BRYCC	Figure 18.10c
Chk/Prvd:	RYLOR	Onshore substation Oakendene Substation Viewpoint SA1: Kent Street (Year 5)
Drawn Date:	16/06/2023	Environmental Statement
Status:	FINAL	

TYPE 1 VISUALISATION



Photograph Parameters Viewpoint SA1 Kent Street :

Location grid reference:	E523 166, N122 139	Distance:	72m
GPS location accuracy:	+/- 3m	Camera:	Canon EOS 5D Mk2
Horizontal field of view:	90° (cylindrical projection)	Lens:	50mm (Canon EF 50mm f/1.8)
Paper size:	841mm x 297mm (1/2 A1)	Camera height:	1.5m AGL
Correct printed image size:	820 x 250mm	Date and time:	17/12/2020 15:20

100% Enlargement

Note: Figure produced to accord with the Landscape Institute's Technical Guidance Note 6/19: Visual Representation of Development Proposals.

TYPE 1 VISUALISATION

Company:	WSP	Rampion 2 Offshore Wind Farm
Drawn By:	BRYCC	Figure 18.10d
Chk/Prvrd:	RYLOR	Onshore substation Oakendene Substation
Drawn Date:	16/06/2023	Viewpoint SA1: Kent Street (Year 10)
Status:	FINAL	Environmental Statement

