DOGGER BANK D WIND FARM

Preliminary Environmental Information Report

Volume 2
Appendix 4.3 Crossing Schedule – Onshore

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Glossary

Term	Definition
Birkhill Wood Substation	The onshore grid connection point for DBD identified through the Holistic Network Design process. Birkhill Wood Substation which is being developed by National Grid Electricity Transmission and does not form part of the Project.
Commitment	Refers to any embedded mitigation and additional mitigation, enhancement or monitoring measures identified through the EIA process and those identified outside the EIA process such as through stakeholder engagement and design evolution. All commitments adopted by the Project are provided in the Commitments Register.
Design	All of the decisions that shape a development throughout its design and pre-construction, construction / commissioning, operation and, where relevant, decommissioning phases.
Development Consent Order (DCO)	A consent required under Section 37 of the Planning Act 2008 to authorise the development of a Nationally Significant Infrastructure Project, which is granted by the relevant Secretary of State following an application to the Planning Inspectorate.
Embedded Mitigation	Embedded mitigation includes: Measures that form an inherent part of the project design evolution such as modifications to the location or design of the development made during the pre-application phase (also known as primary (inherent) mitigation); and Measures that will occur regardless of the EIA process as they are imposed by other existing legislative requirements or are considered as standard or best practice to manage commonly occurring environmental impacts (also known as tertiary (inexorable) mitigation). All embedded mitigation measures adopted by the Project are provided in the Commitments Register.
Environmental Impact Assessment (EIA)	A process by which certain planned projects must be assessed before a formal decision to proceed can be made. It involves the collection and consideration of environmental information and includes the publication of an Environmental Statement.
Environmental Statement (ES)	A document reporting the findings of the EIA which describes the measures proposed to mitigate any likely significant effects.
Haul Roads	Temporary tracks set aside to facilitate transport access during onshore construction works.
Landfall	The area on the coastline, south-east of Skipsea, at which the offshore export cables are brought ashore, connecting to the onshore export cables at the transition joint bay above Mean High Water Springs.
Mitigation	Any action or process designed to avoid, prevent, reduce or, if possible, offset potentially significant adverse effects of a development.

Term	Definition
	All mitigation measures adopted by the Project are provided in the Commitments Register.
Onshore Converter Station (OCS) Zone	The area within which the Onshore Converter Station and Energy Storage and Balancing Infrastructure will be located in vicinity of Birkhill Wood Substation.
Onshore Development Area	The area in which all onshore infrastructure associated with the Project will be located, including any temporary works area required during construction and permanent land required for mitigation and enhancement areas, which extends landward of Mean Low Water Springs. There is an overlap with the Offshore Development Area in the intertidal zone.
Onshore Export Cable Corridor (ECC)	The area within which the onshore export cables will be located, extending from the landfall to the Onshore Converter Station Zone and onwards to Birkhill Wood Substation.
Onshore Export Cables	Cables which bring electricity from the transition joint bay at landfall to the Onshore Converter Station zone (HVDC cables) and from the Onshore Converter Station zone onwards to Birkhill Wood Substation (HVAC cables).
Preliminary Environmental Information Report (PEIR)	The PEIR provides a draft environmental assessment and information to support and inform the statutory consultation process in the pre-application phase. The PEIR will be updated to produce the Project's ES that will accompany the DCO application.
Project Design Envelope	A range of design parameters defined where appropriate to enable the identification and assessment of likely significant effects arising from a project's worst-case scenario. The Project Design Envelope incorporates flexibility and addresses uncertainty in the DCO application and will be further refined during the EIA process.
The Applicant	SSE Renewables and Equinor acting through 'Doggerbank Offshore Wind Farm Project 4 Projco Limited'.
The Project	Dogger Bank D (DBD) Offshore Wind Farm Project, also referred to as DBD in this PEIR.
Trenching	Open cut method for cable or duct installation.
Trenchless Techniques	Trenchless cable or duct installation methods used to bring offshore export cables ashore at landfall, facilitate crossing major onshore obstacles such as roads, railways and watercourses and where trenching may not be suitable. Trenchless techniques included in the Project Design Envelope include Horizontal Directional Drilling (HDD), auger boring, micro-tunnelling, pipe jacking / ramming and Direct Pipe.

4.3 Crossing Schedule – Onshore

1. This appendix to the Dogger Bank D Offshore Wind Farm Project's (hereafter referred to as 'the Project' or 'DBD') Preliminary Environmental Information Report (PEIR) provides a draft crossing schedule for the onshore export cable corridor (ECC) element of the Project and supports **Volume 1, Chapter 4 Project Description**. The onshore crossing schedule presented in **Table 4.3-2** provides indicative information on the location of crossings, details of the obstacle(s) crossed and the proposed crossing methodology at each location for the cable duct installation works, and where relevant, installation of temporary haul roads. These crossings are shown on **Figure 4.3-1**.

2. Obstacles in the onshore crossing schedule has been identified using publicly available datasets, and where available, results of site-specific surveys undertaken to inform the Environmental Impact Assessment (EIA). A full walkover survey of the onshore ECC has not been undertaken at this stage and, therefore, the crossings identified in **Table 4.3-2** are not exhaustive. There is potential for additional unknown obstacle crossings to be determined at detailed design stage post-consent, and the locations of known obstacle crossings listed in **Table 4.3-2** are approximate.

3. The crossings are listed in sequential order from the landfall to the Onshore Converter Station (OCS) zones and onwards to the grid connection point at Birkhill Wood Substation. At this stage, two corridor sections are retained in the onshore ECC to allow flexibility for routeing the onshore export cables into / out of the two OCS zones (i.e. Zone 4 and Zone 8) under consideration. These are referred to as the northern and southern corridor sections. Only one corridor section will be taken forward to development. The draft crossing schedule also reflects the optionality retained in the Onshore Development Area at this stage whereby, post-PEIR following further site selection refinements, some of the crossings may be removed for the DCO application submission.

4. The indicative crossing methodology proposed at each location in **Table 4.3-2** is informed by crossing commitments identified as embedded mitigation measures in **Appendix 6.3 Commitments Register**. The crossings form part of the Project Design Envelope for the onshore ECC, and their worst-case impacts are assessed in the relevant onshore and project-wide technical chapters (**Volume 1, Chapter 19 Geology and Ground Conditions** to **Volume 1, Chapter 31 Climate Change**). The crossing methodology is illustrated on **Figure 4.3-1** as described in **Table 4.3-1**.

Table 4.3-1 PEIR Crossing Methodology Symbology

Symbol	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)
	Trenchless Technique (X)	Open Cut Trenching (X)	
	X		X
	X		
		X	X
		X	
	N/A		

5. The onshore crossing schedule will be updated post-PEIR for the DCO application submission based on refinements to the Onshore Development Area boundaries and the Project Design Envelope and in consideration of stakeholder feedback received during statutory consultation. This will include further obstacles identified during surveys undertaken between PEIR and the DCO application submission.

Table 4.3-2 PEIR Crossing Schedule – Onshore

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
DX-01	518336.00	454613.00	Buried	Withow Gap SSSI	X			Dependent on landfall installation trajectory but assumed crossed as part of landfall trenchless installation works.
TX-01	518442.00	454369.00	Surface	King Charles III Coastal Path: Easington to Filey Brigg	X			Crossed as part of landfall trenchless installation works.
WX-01	518005.00	454258.00	Surface	Pond		X	X	Dependent on landfall installation trajectory and onwards onshore export cable routeing but assumed possibly avoidable by micro-siting both cable duct and haul road installation.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-02	517834.00	454322.00	Surface	Pond		X	X	Dependent on landfall installation trajectory and onwards onshore export cable routeing but assumed possibly avoidable by micro-siting both cable duct and haul road installation.
WX-03	518070.68	454077.92	Surface	Field Drain / Watercourse		X	X	Dependent on landfall installation trajectory and onwards onshore export cable routeing but assumed possibly avoidable by micro-siting both cable duct and haul road installation. Temporary haul road crossing of watercourse potentially required. Potential use of temporary culvert but suitability to be determined.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-01	517903.00	454333.00	Surface	Hedgerow		X	X	Dependent on landfall installation trajectory and onwards onshore export cable routeing but assumed possibly avoidable by micro-siting both cable duct and haul road installation.
VX-02	517955.00	454196.00	Surface	Hedgerow		X	X	Dependent on landfall installation trajectory and onwards onshore export cable routeing but assumed possibly avoidable by micro-siting both cable duct and haul road installation.
VX-03	518058.00	454073.00	Surface	Hedgerow		X	X	Dependent on landfall installation trajectory and onwards onshore export cable routeing but assumed possibly avoidable by micro-siting both cable duct and haul road installation.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-04	517886.23	454178.26	Surface	Field Drain / Watercourse		X	X	Dependent on landfall installation trajectory and onwards onshore export cable routeing but assumed possibly avoidable by micro-siting both cable duct and haul road installation. Temporary haul road crossing of watercourse potentially required. Potential use of temporary culvert but suitability to be determined.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-05	518312.93	454282.92	Surface	Field Drain / Watercourse	X			Dependent on landfall installation trajectory but assumed possibly avoidable by micro-siting cable duct installation. Otherwise, assumed crossed as part of landfall trenchless installation works.
VX-04	517817.00	454395.00	Surface	Hedgerow		X	X	Dependent on landfall installation trajectory and onwards onshore export cable routeing but assumed possibly avoidable by micro-siting both cable duct and haul road installation.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-06	517614.01	454348.70	Surface	Field Drain / Watercourse	X		X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.
WX-07	518270.83	454627.77	Surface	Field Drain / Watercourse	X			Dependent on landfall installation trajectory but assumed possibly avoidable by micro-siting both cable duct and haul road installation. Otherwise, part of landfall trenchless installation works.
TX-02	517603.06	454340.98	Surface	Hornsea Road - B1242	X			Stop end - haul road continues on either side of Hornsea Road.
UX-01	517603.48	454387.66	Buried	Telecoms Cable - BT Open Reach	X		X	
UX-02	517614.48	454313.44	Buried	Water Main - Yorkshire Water	X		X	

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
UX-03	517595.75	454369.11	Overhead	11kV HV Electricity Line - Northern Power Grid	X		X	
UX-04	517621.14	454283.20	Buried	Left in Situ Electricity Line - Northern Power Grid	X		X	
VX-05	517640.00	454258.00	Surface	Hedgerow	X		X	Possibly avoidable by micro-siting haul road installation.
VX-06	517614.00	454300.00	Surface	Hedgerow	X		X	Possibly avoidable by micro-siting haul road installation.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-08	517513.33	454283.96	Surface	Field Drain / Watercourse		X	X	Possibly avoidable by micro-siting both cable duct and haul road installation. Temporary haul road crossing of watercourse potentially required. Potential use of temporary culvert but suitability to be determined.
VX-07	517284.00	454195.00	Surface	Hedgerow		X	X	Possibly avoidable by micro-siting both cable duct and haul road installation.
TX-03	517273.71	454185.55	Surface	Skipsea Footpath No. 7		X	X	Possibly avoidable by micro-siting both cable duct and haul road installation.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
TX-04	517110.17	454032.31	Surface	Skipsea Footpath No. 6		X	X	
WX-09	516980.00	453968.00	Surface	IDB Maintained Drain - Skipsea Drain	X		X	Temporary haul road crossing of drain required. Potential use of temporary culvert but suitability to be determined.
VX-08	516636.00	453884.00	Surface	Hedgerow		X	X	Possibly avoidable by micro-siting both cable duct and haul road installation.
TX-05	516679.00	453785.00	Surface	Bewholme Lane - C Road		X		Stop end - haul road continues on either side of Bewholme Lane.
UX-05	516677.00	453800.00	Buried	Telecoms Cable - BT Open Reach		X	X	
WX-10	516663.98	453817.60	Surface	Field Drain / Watercourse		X	X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-09	516130.00	453445.00	Surface	Hedgerow / Trees	X		X	Possibly avoidable by micro-siting haul road installation.
WX-11	516132.58	453461.34	Surface	Field Drain / Watercourse	X		X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.
WX-12	515601.00	453025.00	Surface	Pond		X	X	Possibly avoidable by micro-siting both cable duct and haul road installation.
VX-10	515364.00	453029.00	Surface	Hedgerow		X	X	Possibly avoidable by micro-siting haul road installation.
TX-06	515349.00	453083.00	Surface	Dunnington Lane - Unclassified Road		X		Stop end - haul road continues on either side of Dunnington Lane.
VX-11	515352.00	453032.00	Surface	Hedgerow / Trees		X	X	Possibly avoidable by micro-siting haul road installation.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
UX-06	515362.00	453027.00	Buried	Water Main - Yorkshire Water		X	X	
UX-07	515359.00	453017.00	Buried	Telecoms Cable - BT Open Reach		X	X	
UX-08	515134.57	452849.16	Overhead	11kV HV Electricity Line - Northern Power Grid		X	X	
UX-09	514897.32	452697.18	Overhead	11kV HV Electricity Line - Northern Power Grid		X	X	
VX-12	514936.00	452738.00	Surface	Hedgerow	X		X	
VX-13	514996.00	452684.00	Surface	Trees	X			Possibly avoidable by micro-siting cable duct installation.
WX-13	514927.00	452740.00	Surface	IDB Maintained Drain - Dunnington Sewer	X		X	Temporary haul road crossing of drain required. Potential use of temporary culvert but suitability to be determined.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-14	514651.77	452566.92	Surface	Hedgerow		X	X	
WX-14	514665.00	452538.00	Surface	Field Drain / Watercourse		X	X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.
UX-10	514543.00	452498.00	Buried	National High Pressure Gas Main - National Gas Transmission	X		X	
DX-02	514403.00	452412.00	Surface	Beeford-Dunnington LWS	X			Stop end - haul road continues on either side of Dunnington Lane and LWS.
VX-15	514383.10	452490.78	Surface	Hedgerow / Trees	X			Stop end - haul road continues on either side of Dunnington Lane and LWS.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-16	514371.00	452477.00	Surface	Hedgerow / Trees	X			Stop end - haul road continues on either side of Dunnington Lane and LWS.
TX-07	514383.37	452462.73	Surface	Dunnington Lane - Unclassified Road	X			Stop end - haul road continues on either side of Dunnington Lane and LWS.
UX-11	514376.00	452476.00	Overhead	11kV HV Electricity Line - Northern Power Grid	X			Stop end - haul road continues on either side of Dunnington Lane and LWS.
UX-12	514095.54	452390.99	Buried	Dogger Bank South Offshore Wind Farms - Proposed HV Onshore Export Cables	X		X	
UX-13	513441.00	452416.00	Overhead	11kV HV Electricity Line - Northern Power Grid		X	X	

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-15	513609.22	452360.00	Surface	Field Drain / Watercourse		X	X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.
VX-17	513438.72	452387.18	Surface	Hedgerow		X	X	
VX-18	513275.00	452452.00	Surface	Hedgerow	X		X	
TX-08	513255.00	452397.00	Surface	Beverley Road - A165	X			Stop end - haul road continues on either side of Beverley Road.
VX-19	513253.00	452457.00	Surface	Hedgerow	X		X	
UX-14	513273.00	452453.00	Buried	Water Main - Yorkshire Water	X		X	
UX-15	513261.00	452467.00	Buried	Telecoms Cable - BT Open Reach	X		X	

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-16	512788.07	452409.24	Surface	Field Drain / Watercourse	X		X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.
UX-16	512768.62	452386.34	Buried	Dogger Bank A and B Offshore Wind Farms - HV Onshore Export Cables	X		X	
VX-20	512789.00	452452.00	Surface	Hedgerow	X		X	
WX-17	512327.47	452067.11	Surface	Field Drain / Watercourse	X		X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-18	512435.99	452148.74	Surface	Field Drain / Watercourse	X		X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.
WX-19	512036.41	451535.28	Surface	Field Drain / Watercourse		X	X	Possibly avoidable by micro-siting both cable duct and haul road installation. Temporary haul road crossing of watercourse potentially required. Potential use of temporary culvert but suitability to be determined.
VX-21	512316.00	452072.00	Surface	Hedgerow	X		X	

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-22	512206.00	451809.00	Surface	Hedgerow		X	X	
VX-23	512142.00	451414.00	Surface	Hedgerow / Trees	X		X	
TX-09	512052.00	451592.00	Surface	Farm Access Track		X	X	Possibly avoidable by micro-siting both cable duct installation.
TX-10	512104.21	451439.31	Surface	Grange Road - Unclassified Road	X			Stop end - haul road continues on either side of Grange Road.
TX-11	511792.00	450980.00	Surface	Farm Access Track		X	X	Possibly avoidable by micro-siting both cable duct installation.
WX-20	512048.66	451482.86	Surface	Field Drain / Watercourse	X		X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
UX-17	512110.00	451525.00	Overhead	66kV HV Electricity Line - Northern Powergrid		X	X	
UX-18	512087.00	451461.00	Overhead	11kV HV Electricity Line - Northern Power Grid	X		X	
UX-19	512031.05	451482.74	Buried	Telecoms Cable - BT Open Reach	X		X	
UX-20	512055.79	451467.16	Buried	Water Main - Yorkshire Water	X		X	
VX-24	512141.00	451401.00	Surface	Hedgerow / Trees	X		X	

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-21	512065.27	451297.60	Surface	Field Drain / Watercourse	X		X	Possibly avoidable by micro-siting both cable duct and haul road installation. Temporary haul road crossing of watercourse potentially required. Potential use of temporary culvert but suitability to be determined.
VX-25	512066.00	451355.00	Surface	Hedgerow	X		X	Possibly avoidable by micro-siting both cable duct and haul road installation.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-22	512129.02	451411.85	Surface	Field Drain / Watercourse	X		X	Possibly avoidable by micro-siting cable duct installation. Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.
VX-26	511840.00	451120.00	Surface	Hedgerow		X	X	
VX-27	511737.00	450986.00	Surface	Hedgerow		X	X	
UX-21	511644.00	450786.00	Buried	Regional High Pressure Gas Main - Northern Gas Networks	X		X	

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-28	511477.00	450741.00	Surface	Hedgerow	X		X	
WX-23	511589.24	450737.49	Surface	Field Drain / Watercourse	X		X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.
VX-29	511171.00	450515.00	Surface	Hedgerow	X		X	
TX-12	511178.03	450454.43	Surface	Frodingham Road - C Road	X		X	
TX-13	510207.00	450144.00	Surface	Farm Access Track	X		X	Possibly avoidable by micro-siting cable duct installation.
TX-14	510285.00	449376.00	Surface	Farm Access Track	X		X	Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements and by micro-siting cable duct installation.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
TX-15	510381.47	449202.89	Surface	Brandesburton Footpath No. 7		X	X	Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements and by micro-siting cable duct installation.
UX-22	511164.00	450526.00	Buried	Water Main - Yorkshire Water	X		X	
VX-30	511157.00	450515.00	Surface	Hedgerow	X		X	
WX-24	510611.00	450432.00	Surface	EA Main River - Mickley Dike	X		X	Temporary haul road crossing of watercourse required. Use of temporary bailey bridge or similar temporary clean span bridge crossing.
VX-31	510461.00	450336.00	Surface	Tree	N/A			Category B (moderate quality) tree at this location to be avoided by micro-siting both cable duct and haul road installation.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-32	510460.20	450347.75	Surface	Hedgerow		X	X	
WX-25	510471.97	450230.39	Surface	Field Drain / Watercourse		X	X	Possibly avoidable by micro-siting both cable duct and haul road installation. Temporary haul road crossing of watercourse potentially required. Potential use of temporary culvert but suitability to be determined.
WX-26	510207.06	450099.66	Surface	Field Drain / Watercourse	X		X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.
VX-33	510205.00	450117.00	Surface	Hedgerow	X		X	

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-27	510115.00	449835.00	Surface	IDB-Maintained Drain - Holts Drain	X		X	Temporary haul road crossing of drain required. Potential use of temporary culvert but suitability to be determined.
VX-34	510085.70	449828.62	Surface	Hedgerow	X		X	
VX-35	510358.00	449143.00	Surface	Hedgerow / Trees	X		X	Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements and by micro-siting cable duct installation.
VX-36	509964.00	449058.00	Surface	Hedgerow / Trees	X		X	Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements and by micro-siting cable duct installation.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-37	510148.00	448864.00	Surface	Hedgerow / Trees	X		X	Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements and by micro-siting cable duct installation.
WX-28	509759.00	449494.00	Surface	Field Drain / Watercourse	X		X	Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements. Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-38	509499.35	449448.88	Surface	Trees	X			Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements. Stop end - haul road to continue beyond the trees and Hempholme Lane.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-29	509530.79	449350.24	Surface	EA Main River - Mickley Dike	X			Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements. Stop end - haul road to continue beyond the trees and Hempholme Lane.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-30	510160.00	449126.00	Surface	EA Main River - Mickley Dike	X		X	Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements. Temporary haul road crossing of watercourse required. Use of bailey bridge or similar clean span bridge crossing.
TX-16	510200.00	449139.00	Surface	Access Track	X		X	Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-31	510098.00	449452.00	Surface	IDB-Maintained Drain - Halls Drain	X		X	Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements and by micro-siting cable duct and haul road installation. Temporary haul road crossing of drain potentially required. Potential use of temporary culvert but suitability to be determined.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-32	509874.00	449338.00	Surface	Field Drain / Watercourse	X		X	Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements and by micro-siting cable duct and haul road installation. Temporary haul road crossing of watercourse potentially required. Potential use of temporary culvert but suitability to be determined.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-33	509936.00	449510.00	Surface	Field Drain / Watercourse	X		X	Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements and by micro-siting cable duct and haul road installation. Temporary haul road crossing of watercourse potentially required. Potential use of temporary culvert but suitability to be determined.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-34	510268.00	449387.00	Surface	Field Drain / Watercourse	X		X	Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements and by micro-siting cable duct and haul road installation. Temporary haul road crossing of watercourse potentially required. Potential use of temporary culvert but suitability to be determined.
VX-39	510374.90	449293.18	Surface	Trees	N/A			Category A (high quality) and B (moderate quality) trees at this location to be avoided by micro-siting both cable duct and haul road installation.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-35	510370.00	449300.00	Surface	Field Drain / Watercourse	X		X	Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements and by micro-siting cable duct and haul road installation. Temporary haul road crossing of watercourse potentially required. Potential use of temporary culvert but suitability to be determined.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-36	509921.00	449179.00	Surface	Field Drain / Watercourse	X		X	Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements and by micro-siting cable duct and haul road installation. Temporary haul road crossing of watercourse potentially required. Potential use of temporary culvert but suitability to be determined.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-37	510468.08	449159.24	Surface	Field Drain / Watercourse	X		X	Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements and by micro-siting cable duct and haul road installation. Temporary haul road crossing of watercourse potentially required. Potential use of temporary culvert but suitability to be determined.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-38	509866.00	448864.22	Surface	Field Drain / Watercourse	X		X	Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements and by micro-siting cable duct and haul road installation. Temporary haul road crossing of watercourse potentially required. Potential use of temporary culvert but suitability to be determined.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-39	509919.40	448942.98	Surface	Field Drain / Watercourse	X		X	Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements and by micro-siting cable duct and haul road installation. Temporary haul road crossing of watercourse potentially required. Potential use of temporary culvert but suitability to be determined.
WX-40	509505.54	449286.32	Surface	Field Drain / Watercourse	X			Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements and by micro-siting cable duct installation.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
TX-17	509716.00	448837.00	Surface	Hempholme Lane - C Road	X		X	Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements and by micro-siting cable duct installation.
TX-18	509432.37	448788.47	Surface	Brandesburton Footpath No. 15		X	X	Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements and by micro-siting cable duct installation.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
TX-19	509448.76	449412.23	Surface	Hempholme Lane - C Road	X			Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements and by micro-siting cable duct installation. Stop end - haul road to continue beyond the trees and Hempholme Lane.
UX-23	509470.06	449386.50	Buried	Water Main - Yorkshire Water	X		X	Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
UX-24	509477.00	449372.00	Buried	Telecoms Cable - BT Open Reach	X		X	Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements.
UX-25	509452.00	449392.00	Buried	LV Electricity Line - Northern Power Grid	X		X	Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements.
UX-26	509485.00	449389.00	Overhead	11kV HV Electricity Line - Northern Power Grid	X		X	Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements.
TX-20	509471.63	449197.71	Surface	Brandesburton Footpath No.11		X	X	Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements.
TX-21	509408.30	449255.55	Surface	Brandesburton Footpath No.10		X	X	Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-41	509585.00	448808.00	Surface	Pond	X			Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements and by micro-siting cable duct installation.
VX-40	509415.00	448931.00	Surface	Hedgerow / Trees	X		X	Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements and by micro-siting cable duct installation.
VX-41	509424.00	448921.00	Surface	Hedgerow	X		X	Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements and by micro-siting cable duct installation.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
TX-22	509393.00	449047.00	Surface	Brandesburton Footpath No.12		X	X	Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements.
VX-42	509302.45	448697.73	Surface	Trees	N/A			Category A (high quality) tree at this location to be avoided by micro-siting both cable duct and haul road installation.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-42	509313.00	448688.00	Surface	IDB-Maintained Drain - Hallytreeholme Farm Drain	X		X	Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements and by micro-siting cable duct installation. Temporary haul road crossing of drain potentially required. Potential use of temporary culvert but suitability to be determined.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-43	509305.00	449106.00	Surface	Field Drain / Watercourse	X		X	Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements and by micro-siting cable duct installation. Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.
VX-43	509070.00	449045.00	Surface	Hedgerow		X	X	Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements and by micro-siting cable duct installation.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
TX-23	509138.00	448915.00	Surface	Hallytreeholme Road - Unclassified Road	X			Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements and by micro-siting cable duct installation. Stop end - haul road continues on either side of Hallytreeholme Road.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-44	508999.00	448899.00	Surface	IDB-Maintained Drain - Hallytreeholme Farm Drain	X		X	Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements. Temporary haul road crossing of drain potentially required. Potential use of temporary culvert but suitability to be determined.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-45	509267.28	448918.70	Surface	Field Drain / Watercourse	X		X	Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements and by micro-siting cable duct installation. Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-46	508984.37	448909.58	Surface	Field Drain / Watercourse	X		X	Dependent on corridor routeing at this location but assumed possibly avoidable through site selection refinements and by micro-siting cable duct installation. Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.
VX-44	508613.91	448496.43	Surface	Hedgerow	X		X	Possibly avoidable by micro-siting cable duct and haul road installation.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-45	508634.00	448542.00	Surface	Hedgerow	X		X	Possibly avoidable by micro-siting cable duct and haul road installation.
WX-47	508632.00	448549.00	Surface	IDB-Maintained Drain - Holderness Drain	X		X	Possibly avoidable by micro-siting cable duct and haul road installation. Temporary haul road crossing of drain potentially required. Potential use of temporary culvert but suitability to be determined.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-48	509022.00	448645.00	Surface	Field Drain / Watercourse		X	X	Possibly avoidable by micro-siting cable duct and haul road installation. Temporary haul road crossing of watercourse potentially required. Potential use of temporary culvert but suitability to be determined.
VX-46	509015.14	448624.79	Surface	Hedgerow		X	X	
VX-47	508685.27	448231.52	Surface	Hedgerow	X		X	
TX-24	508621.72	448251.10	Surface	New Road - Unclassified Road	X			Stop end - haul road continues on either side of New Road.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-49	508647.00	448246.00	Surface	IDB-Maintained Drain - Burshill Park Drain	X		X	Temporary haul road crossing of drain required. Potential use of temporary culvert but suitability to be determined.
UX-27	508586.96	448257.38	Buried	Telecoms Cable - BT Open Reach	X		X	
UX-28	508555.74	448270.89	Overhead	11kV HV Electricity Line - Northern Power Grid	X		X	
VX-48	508661.00	448232.00	Surface	Hedgerow	X		X	

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-50	508519.00	448139.00	Surface	EA Main River - Holderness Drain	X		X	Possibly avoidable by micro-siting cable duct and haul road installation. Temporary haul road crossing of watercourse potentially required. Use of temporary bailey bridge or similar temporary clean span bridge crossing.
VX-49	508522.14	448164.25	Surface	Hedgerow	X		X	Possibly avoidable by micro-siting cable duct and haul road installation.
VX-50	508537.92	447749.30	Surface	Hedgerow		X	X	
TX-25	508609.08	447767.42	Surface	Burshill Carr Road - Unclassified Road		X	X	

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-51	508564.00	447745.00	Surface	Hedgerow		X	X	
UX-29	508556.56	447752.37	Buried	Telecoms Cable - BT Open Reach		X	X	
UX-30	508575.00	447759.00	Buried	Water Main - Yorkshire Water		X	X	
UX-31	508561.00	447600.00	Overhead	11kV HV Electricity Line - Northern Power Grid		X	X	
WX-51	508545.00	447140.00	Surface	IDB-Maintained Drain - Heigholme Drain	X		X	Temporary haul road crossing of drain required. Potential use of temporary culvert but suitability to be determined.
VX-52	508546.00	446680.00	Surface	Hedgerow		X	X	

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-52	508556.37	446676.49	Surface	Field Drain / Watercourse		X	X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.
WX-53	508502.75	446576.11	Surface	Field Drain / Watercourse		X	X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.
TX-26	508537.00	446562.00	Surface	Low Baswick Farm Access Road - Unclassified Road		X		Stop end - haul road continues on either side of Low Baswick Farm Access Road.
VX-53	508584.00	446505.00	Surface	Hedgerow		X	X	Possibly avoidable by micro-siting cable duct and haul road installation.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-54	508483.90	446351.84	Surface	Field Drain / Watercourse		X	X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.
WX-55	508411.00	446162.00	Surface	Pond		X	X	Possibly avoidable by micro-siting cable duct and haul road installation.
WX-56	508430.00	446201.00	Surface	Pond		X	X	Possibly avoidable by micro-siting cable duct and haul road installation.
VX-54	508433.00	445974.00	Surface	Hedgerow		X	X	
WX-57	508401.20	445986.50	Surface	Field Drain / Watercourse		X	X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-58	508381.00	445794.00	Surface	Field Drain / Watercourse	X		X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.
VX-55	508319.00	445607.00	Surface	Hedgerow	X		X	
TX-27	508120.00	445668.00	Surface	Carr Lane - Unclassified Road	X			Stop end - haul road continues on either side of Carr Lane.
UX-32	508375.00	445579.00	Buried	Telecoms Cable - BT Open Reach	X		X	
UX-33	508470.00	445546.00	Buried	Water Main - Yorkshire Water	X		X	
WX-59	508227.36	445639.00	Surface	Field Drain / Watercourse	X		X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-60	508252.10	445616.58	Surface	Field Drain / Watercourse	X		X	Possibly avoidable by micro-siting cable duct and haul road installation. Temporary haul road crossing of watercourse potentially required. Potential use of temporary culvert but suitability to be determined.
VX-56	508291.00	445357.00	Surface	Hedgerow	X		X	Possibly avoidable by micro-siting cable duct and haul road installation.
WX-61	508277.00	445279.00	Surface	Field Drain / Watercourse	X		X	

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-62	508058.00	445432.00	Surface	EA Main River - Holderness Drain	X		X	Temporary haul road crossing of watercourse required. Use of bailey bridge or similar clean span bridge crossing.
VX-57	508061.00	445427.00	Surface	Hedgerow	X		X	
UX-34	508078.91	445418.35	Buried	Water Main - Yorkshire Water	X		X	
WX-63	507731.77	445501.78	Surface	Field Drain / Watercourse	X		X	Possibly avoidable by micro-siting cable duct and haul road installation. Temporary haul road crossing of watercourse potentially required. Potential use of temporary culvert but suitability to be determined.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-64	507635.19	445349.98	Surface	Field Drain / Watercourse	X		X	
WX-65	507283.86	445288.25	Surface	Field Drain / Watercourse	X		X	Possibly avoidable by micro-siting cable duct and haul road installation. Temporary haul road crossing of watercourse potentially required. Potential use of temporary culvert but suitability to be determined.
WX-66	506919.00	445460.00	Surface	IDB-Maintained Drain - Leven South Carr Drain	X		X	Temporary haul road crossing of drain required. Potential use of temporary culvert but suitability to be determined.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-67	507018.00	445640.00	Surface	Field Drain / Watercourse	X		X	Possibly avoidable by micro-siting cable duct and haul road installation. Temporary haul road crossing of watercourse potentially required. Potential use of temporary culvert but suitability to be determined.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-68	507138.00	445231.00	Surface	Field Drain / Watercourse	X		X	Possibly avoidable by micro-siting cable duct and haul road installation. Temporary haul road crossing of watercourse potentially required. Potential use of temporary culvert but suitability to be determined.
TX-28	507206.00	445376.00	Surface	Waterloo Farm Access Road - Unclassified Road		X		Stop end - haul road continues on either side of Waterloo Farm Access Road.
UX-35	507272.00	445497.00	Buried	Telecoms Cable - BT Open Reach		X	X	
VX-58	507302.00	445549.00	Surface	Hedgerow		X	X	

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
UX-36	506929.00	445418.00	Overhead	132kV Extra HV Electricity Line - Northern Power Grid		X	X	
WX-69	507097.00	445184.00	Surface	Field Drain / Watercourse	X		X	Possibly avoidable by micro-siting cable duct and haul road installation. Temporary haul road crossing of watercourse potentially required. Potential use of temporary culvert but suitability to be determined.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-70	506808.00	445357.00	Surface	Field Drain / Watercourse	X		X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.
WX-71	506531.47	445469.60	Surface	Field Drain / Watercourse	X			Stop end - haul road continues on either side of trees.
VX-59	506545.00	445455.00	Surface	Trees	X			Stop end - haul road continues on either side of trees.
WX-72	506232.00	445601.00	Surface	Field Drain / Watercourse	X		X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.
UX-37	506071.00	445607.00	Overhead	11kV HV Electricity Line - Northern Power Grid		X	X	

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
UX-38	505793.00	445710.00	Overhead	11kV HV Electricity Line - Northern Power Grid		X	X	
WX-73	505583.86	445643.04	Surface	IDB-Maintained Drain - Leven South Carr Drain	X			Stop end - haul road continues beyond Leven South Carr Drain and Beverley and Barmston Drain.
VX-60	505619.00	445713.00	Surface	Hedgerow	X			Stop end - haul road continues beyond Leven South Carr Drain and Beverley and Barmston Drain.
WX-74	505596.45	445770.44	Surface	EA Main River - River Hull	X			Stop end - haul road continues beyond Leven South Carr Drain and Beverley and Barmston Drain.
TX-29	505591.18	445710.08	Surface	Leven Footpath No.6	X			Stop end - haul road continues beyond Leven South Carr Drain and Beverley and Barmston Drain.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
TX-30	505482.71	445552.70	Surface	Leconfield Footpath No.33	X			Stop end - haul road continues beyond Leven South Carr Drain and Beverley and Barmston Drain.
WX-75	505540.31	445809.80	Surface	EA Main River - Beverley and Barmston Drain	X			Stop end - haul road continues beyond Leven South Carr Drain and Beverley and Barmston Drain.
VX-61	505545.00	445704.00	Surface	Trees	X			Stop end - haul road continues beyond Leven South Carr Drain and Beverley and Barmston Drain.
TX-31	505506.00	445742.00	Surface	Leconfield Bridleway No.25	X			Stop end - haul road continues beyond Leven South Carr Drain and Beverley and Barmston Drain.
UX-39	505470.00	445648.00	Buried	11kV HV Electricity Line - Northern Power Grid	X			Stop end - haul road continues beyond Leven South Carr Drain and Beverley and Barmston Drain.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-76	505393.00	445733.00	Surface	IDB-Maintained Drain - Coal Dike	N/A			Commitment to avoid vineyard at this location by micro-siting both cable duct and haul road installation.
VX-62	505228.52	445650.59	Surface	Trees	N/A			Category A (high quality) tree at this location to be avoided by micro-siting both cable duct and haul road installation.
VX-63	505211.05	445648.09	Surface	Hedgerow / Trees	N/A			Commitment to avoid vineyard at this location by micro-siting both cable duct and haul road installation.
TX-32	505240.00	445624.00	Surface	Leconfield Footpath No.30		X	X	
UX-40	505063.00	445642.00	Overhead	11kV HV Electricity Line - Northern Power Grid		X	X	

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
TX-33	505051.00	445684.00	Surface	Beck Lane - Unclassified Road	N/A			Commitment to avoid vineyard at this location by micro-siting both cable duct and haul road installation.
TX-34	505041.51	445691.28	Surface	Lockington Footpath No. 16	N/A			Commitment to avoid vineyard at this location by micro-siting both cable duct and haul road installation.
VX-64	504766.78	445469.24	Surface	Hedgerow	X		X	Possibly avoidable by micro-siting cable duct and haul road installation.
VX-65	504573.15	445472.38	Surface	Hedgerow	X		X	Possibly avoidable by micro-siting cable duct and haul road installation.
WX-77	505128.27	445616.18	Surface	Pond	X			

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-78	504610.00	445566.00	Surface	IDB-Maintained Drain - Boundary Drain	X		X	Temporary haul road crossing of drain required. Potential use of temporary culvert but suitability to be determined.
VX-66	504246.00	445581.00	Surface	Hedgerow / Trees		X	X	Possibly avoidable by micro-siting cable duct and haul road installation.
UX-41	504294.00	445534.00	Overhead	66kV Extra HV Electricity Line - Northern Power Grid		X	X	
UX-42	504023.00	445498.00	Overhead	11kV HV Electricity Line - Northern Power Grid		X	X	

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-79	504763.00	445461.00	Surface	Field Drain / Watercourse	X		X	Possibly avoidable by micro-siting cable duct and haul road installation. Temporary haul road crossing of watercourse potentially required. Potential use of temporary culvert but suitability to be determined.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-80	504582.00	445489.00	Surface	Field Drain / Watercourse	X		X	Possibly avoidable by micro-siting cable duct and haul road installation. Temporary haul road crossing of watercourse potentially required. Potential use of temporary culvert but suitability to be determined.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-81	504372.00	445626.58	Surface	Field Drain / Watercourse	X		X	Possibly avoidable by micro-siting cable duct and haul road installation. Temporary haul road crossing of watercourse potentially required. Potential use of temporary culvert but suitability to be determined.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-82	504519.92	445642.14	Surface	IDB-Maintained Drain - Watson Drain	X		X	Possibly avoidable by micro-siting cable duct and haul road installation. Temporary haul road crossing of drain potentially required. Potential use of temporary culvert but suitability to be determined.
WX-83	504216.00	445419.00	Surface	Field Drain / Watercourse	X			Possibly avoidable by micro-siting cable duct installation.
WX-84	504183.00	445401.00	Surface	Pond	X			Possibly avoidable by micro-siting cable duct installation.
VX-67	503794.00	445488.00	Surface	Hedgerow		X	X	

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-68	503625.00	445486.00	Surface	Hedgerow		X	X	
VX-69	503459.00	445482.00	Surface	Hedgerow		X	X	
VX-70	503150.00	445450.00	Surface	Hedgerow	X			Stop end - haul road continues on either side of railway line.
VX-71	503102.00	445451.00	Surface	Hedgerow / Trees	X			Stop end - haul road continues on either side of railway line.
TX-35	503108.51	445390.34	Surface	Hull to Scarborough Railway Line	X			Stop end - haul road continues on either side of railway line.
VX-72	503080.80	445465.61	Surface	Hedgerow / Trees	X			Stop end - haul road continues on either side of railway line.
UX-43	503092.84	445431.00	Buried	Telecoms Cable - BT Open Reach	X			Stop end - haul road continues on either side of railway line.
TX-36	503117.00	445449.00	Surface	Leconfield Footpath No.5	X			Stop end - haul road continues on either side of railway line.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-85	503120.25	445494.67	Surface	EA Main River - Scorborough Beck	X			Stop end - haul road continues on either side of railway line.
WX-86	502984.19	445471.48	Surface	Field Drain / Watercourse	X		X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.
UX-44	502974.00	445462.00	Buried	Telecoms Cable - BT Open Reach		X	X	

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-87	502861.00	445469.00	Surface	Field Drain / Watercourse		X	X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.
VX-73	502590.00	445702.00	Surface	Hedgerow / Trees	X		X	
TX-37	502529.95	445674.75	Surface	Scorborough Lane - Unclassified Road	X			Stop end - haul road continues on either side of Scorborough Lane
VX-74	502571.00	445709.00	Surface	Hedgerow / Trees	X		X	
TX-38	502385.00	445786.00	Surface	Leconfield Footpath No.3		X	X	

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
UX-45	502701.00	445790.00	Buried	Telecoms Cable - BT Open Reach	X		X	
VX-75	502038.00	445783.00	Surface	Hedgerow		X	X	
UX-46	501949.00	445776.00	Overhead	11kV HV Electricity Line - Northern Power Grid		X	X	
WX-88	501855.00	445741.00	Surface	EA Main River - Scorborough Beck	X		X	Temporary haul road crossing of drain required. Use of temporary bailey bridge or similar temporary clear span bridge crossing.
VX-76	501224.73	445790.41	Surface	Hedgerow	X		X	
TX-39	501246.37	445889.35	Surface	Driffield Road - A164	X			Stop end - haul road continues on either side of Driffield Road

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-77	501037.00	445755.00	Surface	Trees	N/A			Category A (high quality) tree at this location to be avoided by micro-siting both cable duct and haul road installation.
VX-78	501223.00	445849.00	Surface	Hedgerow / Trees	X		X	
UX-47	501217.42	445827.43	Buried	Telecoms Cable - BT Open Reach	X		X	
UX-48	501213.71	445807.48	Buried	Water Main - Yorkshire Water	X		X	

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-89	501133.58	445932.95	Surface	Field Drain / Watercourse	X		X	Possibly avoidable by micro-siting cable duct and haul road installation. Temporary haul road crossing of watercourse potentially required. Potential use of temporary culvert but suitability to be determined.
VX-79	500972.00	445839.00	Surface	Hedgerow		X	X	
TX-40	500944.22	445863.45	Surface	Leconfield Footpath No. 1		X	X	
TX-41	500030.99	445563.17	Surface	Lockington Footpath No. 7		X	X	

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-80	500801.00	445810.00	Surface	Hedgerow		X	X	Possibly avoidable by micro-siting cable duct and haul road installation.
TX-42	500771.00	445731.00	Surface	Leconfield Bridleway No. 2		X	X	
UX-49	500636.70	445710.40	Buried	Hornsea Project Four Offshore Wind Farm - HV Onshore Export Cables	X		X	
TX-43	500536.00	445669.00	Surface	Access Track	X		X	
WX-90	500273.02	445619.95	Surface	Field Drain / Watercourse	X		X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.
TX-44	499795.00	444938.00	Surface	Bealey's Lane - Unclassified Road	X		X	

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
TX-45	499889.63	444816.15	Surface	Lockington Bridleway No. 1	X		X	
WX-91	500048.75	445490.03	Surface	Field Drain / Watercourse	X		X	
VX-81	500033.00	445505.00	Surface	Trees	N/A			Category A (high quality) tree at this location to be avoided by micro-siting both cable duct and haul road installation.
VX-82	500016.87	445529.14	Surface	Hedgerow / Trees	X		X	
WX-92	500022.79	445423.35	Surface	Field Drain / Watercourse	X		X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.
DX-03	500061.39	445395.74	Surface	Bealey's Beck, Lockington LWS	X			Stop end - haul road continues on either side of the LWS.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-93	500064.00	445384.00	Surface	Field Drain / Watercourse	X			Stop end - haul road continues on either side of the LWS.
VX-83	499959.00	445046.00	Surface	Trees	X			Possibly avoidable by micro-siting cable duct installation.
DX-04	499824.33	444904.61	Surface	Bealey's Lane LWS	X			Possibly avoidable by micro-siting cable duct installation
VX-84	499810.95	444932.37	Surface	Trees	N/A			Category A (high quality) tree at this location to be avoided by micro-siting both cable duct and haul road installation.
VX-85	499818.00	444920.00	Surface	Hedgerow / Trees	X		X	
WX-94	499867.78	444845.39	Surface	Field Drain / Watercourse	X		X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.
VX-86	499754.00	444671.00	Surface	Hedgerow		X	X	

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-87	499533.31	444407.66	Surface	Hedgerow		X	X	
UX-50	499555.00	444387.00	Overhead	11kV HV Electricity Line - Northern Power Grid		X	X	
VX-88	499409.00	444227.00	Surface	Hedgerow / Trees		X	X	
WX-95	499253.95	443948.54	Surface	Field Drain / Watercourse	X		X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.
VX-89	499271.00	443957.00	Surface	Hedgerow	X		X	
TX-46	499555.83	443001.46	Surface	Rootas Lane - Unclassifed Road	X		X	
TX-47	499273.00	443879.00	Surface	Etton Bridleway No.1		X	X	

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-90	499333.57	443500.64	Surface	Trees		X		Possibly avoidable by micro-siting cable duct installation.
VX-91	499433.00	443508.00	Surface	Hedgerow		X	X	
WX-97	499451.63	443154.60	Surface	Field Drain / Watercourse		X	X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.
WX-96	499312.00	443509.00	Surface	Pond	X			Possibly avoidable by micro-siting cable duct installation.
VX-92	499448.00	442993.00	Surface	Hedgerow / Trees	X		X	
VX-93	499517.00	442990.00	Surface	Hedgerow	X		X	

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-98	499396.00	442986.00	Surface	Field Drain / Watercourse	X		X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.
WX-99	499718.31	442708.31	Surface	Field Drain / Watercourse	X		X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.
UX-51	499733.00	442727.00	Overhead	11kV HV Electricity Line - Northern Power Grid		X	X	
VX-94	499829.00	442709.00	Surface	Hedgerow		X	X	
VX-95	499981.00	442514.00	Surface	Trees	X			Stop end - haul road continues on either side of Cherry Burton Golf Course

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
DX-05	499962.17	442516.20	Surface	Raventhorpe Embankment LWS	X			Stop end - haul road continues on either side of Cherry Burton Golf Course
TX-48	499920.64	442529.77	Surface	Cherry Burton Footpath No. 2	X			Stop end - haul road continues on either side of Cherry Burton Golf Course
UX-52	499986.00	442481.00	Buried	Left in Situ Electricity Line - Northern Power Grid	X			Stop end - haul road continues on either side of Cherry Burton Golf Course
VX-96	500001.00	442488.00	Surface	Trees	X			Stop end - haul road continues on either side of Cherry Burton Golf Course
VX-97	500001.00	442448.00	Surface	Trees	X			Stop end - haul road continues on either side of Cherry Burton Golf Course

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-100	499969.00	442404.00	Surface	Pond	X			Possibly avoidable by micro-siting cable duct installation. Stop end - haul road continues on either side of Cherry Burton Golf Course
MX-01	499999.00	442357.00	Surface	Disused Cherry Burton Golf Course	X			Stop end - haul road continues on either side of Cherry Burton Golf Course
TX-49	500107.18	442256.90	Surface	Leconfield Road - C Road	X			Stop end - haul road continues on either side of Cherry Burton Golf Course
UX-53	500027.00	442307.00	Buried	Left in Situ Electricity Line - Northern Power Grid	X			Stop end - haul road continues on either side of Cherry Burton Golf Course

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-98	500017.37	442211.97	Surface	Hedgerow / Trees	X			Stop end - haul road continues on either side of Cherry Burton Golf Course
UX-54	500049.00	442218.00	Buried	Telecoms Cable - BT Open Reach	X			Stop end - haul road continues on either side of Cherry Burton Golf Course
UX-55	500060.43	442235.16	Overhead	11kV HV Electricity Line - Northern Power Grid	X			Stop end - haul road continues on either side of Cherry Burton Golf Course
UX-56	499990.36	442190.62	Buried	Water Main - Yorkshire Water	X			Stop end - haul road continues on either side of Cherry Burton Golf Course
UX-57	500040.00	442214.00	Buried	11kV HV Electricity Line - Northern Power Grid	X			Stop end - haul road continues on either side of Cherry Burton Golf Course
VX-99	500089.26	442239.22	Surface	Hedgerow	X			Stop end - haul road continues on either side of Cherry Burton Golf Course

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-100	500094.00	442052.00	Surface	Hedgerow		X	X	
UX-58	500060.00	442097.00	Overhead	11kV HV Electricity Line - Northern Power Grid		X	X	
WX-101	500073.11	441782.27	Surface	Field Drain / Watercourse	X		X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.
VX-101	500103.00	441818.00	Surface	Trees	N/A			Veteran tree at this location to be avoided by micro-siting both cable duct and haul road installation.
VX-102	500095.41	441826.86	Surface	Hedgerow / Trees	X		X	
TX-50	500137.81	441843.74	Surface	Cherry Burton Foothpath No.3	X		X	

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-103	500110.06	441581.99	Surface	Hedgerow	X		X	
TX-51	500038.34	441663.15	Surface	National Cycle Network Route 1	X		X	
TX-52	500034.17	441654.88	Surface	Malton Road - B1248	X			Stop end - haul road continues on either side of Malton Road.
VX-104	500087.97	441564.83	Surface	Hedgerow	X		X	
UX-59	500049.00	441631.00	Buried	Telecoms Cable - BT Open Reach / KCOM Group	X		X	
UX-60	500080.00	441603.00	Buried	Water Main - Yorkshire Water	X		X	
UX-61	500079.00	441610.00	Buried	Medium Pressure Gas Main - Northern Gas Network	X		X	
VX-105	499904.00	441278.00	Surface	Hedgerow		X	X	

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-106	499747.00	440677.00	Surface	Hedgerow		X	X	
TX-53	499810.00	440688.00	Surface	Bishop Burton Bridleway No. 2		X	X	
VX-107	499805.00	440375.00	Surface	Hedgerow		X	X	
VX-108	499801.00	440208.00	Surface	Hedgerow		X	X	
VX-109	499843.19	439911.30	Surface	Hedgerow		X	X	
UX-62	499806.00	439903.00	Overhead	11kV HV Electricity Line - Northern Power Grid		X	X	
VX-110	499808.66	439716.74	Surface	Hedgerow / Trees	X			
TX-54	499932.00	439666.00	Surface	Beverley Road - A0179	X			Stop end - haul road continues on either side of Beverley Road.
VX-111	499820.79	439690.02	Surface	Hedgerow	X		X	

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
UX-63	499919.00	439675.00	Buried	Telecoms Cable - BT Open Reach	X		X	
UX-64	499881.80	439675.01	Buried	Medium Pressure Gas Main - Northern Gas Network	X		X	
UX-65	499870.00	439675.00	Buried	Water Main - Yorkshire Water	X		X	
VX-112	499836.00	439101.00	Surface	Hedgerow		X	X	
UX-66	499746.00	439051.00	Overhead	11kV HV Electricity Line - Northern Power Grid		X	X	
VX-113	499683.00	438908.00	Surface	Hedgerow		X		Possibly avoidable by micro-siting cable duct installation.
VX-114	499593.00	438965.00	Surface	Hedgerow	X		X	
TX-55	499596.29	438918.87	Surface	Finchcroft Lane - C Road	X			Stop end - haul continues on either side of Finchcroft Lane.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-115	499564.96	438984.08	Surface	Hedgerow	X		X	
UX-67	499583.00	438956.00	Buried	Water Main - Yorkshire Water	X		X	
VX-116	499473.00	438893.00	Surface	Hedgerow		X	X	Possibly avoidable by micro-siting cable duct and haul road installation.
UX-68	499436.00	438817.00	Buried	INEOS Gas Pipeline	X		X	
VX-117	499398.00	438748.00	Surface	Hedgerow		X	X	
VX-118	499263.00	438630.00	Surface	Hedgerow		X	X	
VX-119	499066.00	438444.00	Surface	Hedgerow		X	X	
VX-120	498948.00	438293.00	Surface	Hedgerow / Trees	X		X	

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
TX-56	498839.41	438234.66	Surface	High Hunsley Circuit	X			Stop end - haul continues on either side of Walkington Heads.
TX-57	498800.58	438218.57	Surface	Walkington Heads - C Road	X			Stop end - haul continues on either side of Walkington Heads.
VX-121	498758.00	438185.00	Surface	Hedgerow	X		X	
UX-69	498868.00	438246.00	Overhead	33kV HV Electricity Line - Northern Power Grid	X		X	
UX-70	498859.00	438241.00	Buried	Water Main - Yorkshire Water	X		X	
VX-122	498797.00	438092.00	Surface	Hedgerow		X	X	

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
UX-71	498601.00	437969.00	Overhead	400kV Extra HV Electricity Line - National Grid Electricity Transmission		X	X	
VX-123	498561.00	437973.00	Surface	Hedgerow		X	X	
VX-124	498459.00	437812.00	Surface	Hedgerow		X	X	
VX-125	498429.00	437484.00	Surface	Hedgerow		X	X	
VX-126	498480.00	437161.00	Surface	Hedgerow	X		X	
TX-58	498519.00	437160.00	Surface	National Cycle Network Route 164	X			Stop end - haul continues on either side of Middlehowe Road.
TX-59	498446.30	437146.10	Surface	Middlehowe Road - Unclassified Road	X			Stop end - haul continues on either side of Middlehowe Road.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-127	498490.00	437146.00	Surface	Hedgerow	X		X	
VX-128	498507.00	436989.00	Surface	Hedgerow		X	X	Possibly avoidable by micro-siting cable duct and haul road installation.
VX-129	498677.00	436875.00	Surface	Hedgerow		X	X	Possibly avoidable by micro-siting cable duct and haul road installation.
VX-130	498700.00	436774.00	Surface	Hedgerow / Trees	X		X	
TX-60	498651.46	436748.12	Surface	Hunsley Road - B1320	X			Stop end - haul road continues on either side of Hunsley Road.
VX-131	498698.00	436756.00	Surface	Hedgerow / Trees	X		X	
UX-72	498726.00	436772.00	Buried	Water Main - Yorkshire Water	X		X	
VX-132	498936.00	436478.00	Surface	Hedgerow		X	X	

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-133	499150.00	436350.00	Surface	Hedgerow	X		X	
TX-61	499090.00	436224.00	Surface	Little Weighton Road - C Road	X			Stop end - haul road continues on either side of Little Weighton Road.
TX-62	499549.00	436247.00	Surface	Access Track		X	X	
VX-134	499167.00	436350.00	Surface	Hedgerow	X		X	
UX-73	499171.00	436365.00	Buried	Telecoms Cable - KCOM Group	X		X	
VX-135	499122.00	436195.00	Surface	Hedgerow		X	X	Possibly avoidable by micro-siting cable duct and haul road installation.
UX-74	499401.00	436345.00	Overhead	11kV HV Electricity Line - Northern Power Grid		X	X	Possibly avoidable by micro-siting cable duct and haul road installation.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
UX-75	499588.00	436263.00	Overhead	11kV HV Electricity Line - Northern Power Grid		X	X	Possibly avoidable by micro-siting cable duct and haul road installation.
VX-136	499410.00	436316.00	Surface	Hedgerow		X	X	Possibly avoidable by micro-siting cable duct and haul road installation.
VX-137	499451.00	436185.00	Surface	Hedgerow		X	X	Possibly avoidable by micro-siting cable duct and haul road installation.
UX-76	499660.00	436304.00	Buried	Telecoms Cable - KCOM Group	X		X	
MX-02	499640.00	436313.00	Surface	Tank	N/A			Tank to be avoided by micro-siting cable duct and haul road installation.
VX-138	499649.00	436335.00	Surface	Hedgerow	X		X	
TX-63	499686.00	436233.00	Surface	Risby Lane - Unclassified Road	X			Stop end - haul road continues on either side of Risby Lane.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
TX-64	499680.56	436252.89	Surface	Walkington Bridleway No. 10	X			Stop end - haul road continues on either side of Risby Lane.
TX-65	499691.00	436468.00	Surface	Access Track		X	X	Possibly avoidable by micro-siting cable duct and haul road installation.
VX-139	499663.00	436331.00	Surface	Hedgerow	X		X	
VX-140	499756.00	436447.00	Surface	Hedgerow	X			Stop end - haul road continues on either side of Walkington Park.
TX-66	499959.00	436365.00	Surface	Walkington Footpath No. 8	X			Stop end - haul road continues on either side of Walkington Park.
VX-141	499794.00	436368.00	Surface	Trees	X			Stop end - haul road continues on either side of Walkington Park.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-142	499843.00	436260.00	Surface	Trees	X			Stop end - haul road continues on either side of Walkington Park.
VX-143	500013.00	436249.00	Surface	Trees	X			Stop end - haul road continues on either side of Walkington Park. Possibly avoidable by micro-siting cable duct installation.
VX-144	499933.00	436340.00	Surface	Trees	X			Stop end - haul road continues on either side of Walkington Park.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-102	499928.00	436236.00	Surface	Field Drain / Watercourse	X			Stop end - haul road continues on either side of Walkington Park. Possibly avoidable by micro-siting cable duct installation
WX-103	500084.00	436255.00	Surface	Pond	X			Stop end - haul road continues on either side of Walkington Park. Possibly avoidable by micro-siting cable duct installation.
VX-145	499972.00	436473.00	Surface	Trees	X			Stop end - haul road continues on either side of Walkington Park.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-146	500113.00	436312.00	Surface	Trees	X			Stop end - haul road continues on either side of Walkington Park.
MX-03	499958.00	436331.00	Surface	Walkington Park	X			Stop end - haul road continues on either side of Walkington Park.
WX-104	500754.00	436388.00	Surface	Pond	X		X	Possibly avoidable by micro-siting cable duct and haul road installation.
VX-147	500424.00	436341.00	Surface	Trees	X		X	Possibly avoidable by micro-siting haul road installation.
VX-148	500516.00	436332.00	Surface	Hedgerow	X		X	Possibly avoidable by micro-siting haul road installation.
VX-149	500539.00	436342.00	Surface	Hedgerow	X		X	Possibly avoidable by micro-siting haul road installation.
VX-150	500651.00	436412.00	Surface	Trees	X			

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-151	500964.00	436250.00	Surface	Hedgerow		X	X	Dependent on preferred OCS zone location and onshore export cable routeing at this location. If OCS and ESBI is not located in Zone 8, assumed possibly avoidable through site selection refinements and micro-siting cable duct and haul road installation.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-152	501184.00	436161.00	Surface	Trees		X	X	Dependent on preferred OCS zone location and onshore export cable routeing at this location. If OCS and ESBI is not located in Zone 8, assumed possibly avoidable through site selection refinements and micro-siting cable duct and haul road installation.
VX-153	500902.00	436060.00	Surface	Hedgerow		X	X	Dependent on preferred OCS zone location and onshore export cable routeing at this location.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-154	500748.00	435932.00	Surface	Trees		X	X	Dependent on preferred OCS zone location and onshore export cable routeing at this location. If OCS and ESBI is not located in Zone 8, assumed possibly avoidable through site selection refinements and micro-siting cable duct and haul road installation.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-155	500739.00	435872.00	Surface	Hedgerow		X	X	Dependent on preferred OCS zone location and onshore export cable routeing at this location. If OCS and ESBI is not located in Zone 8, assumed possibly avoidable through site selection refinements and micro-siting cable duct and haul road installation.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-156	501071.00	435970.00	Surface	Hedgerow		X	X	Dependent on preferred OCS zone location and onshore export cable routeing at this location. If OCS and ESBI is not located in Zone 8, possibly avoidable through site selection refinements and micro-siting cable duct and haul road installation.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-157	501268.00	435951.00	Surface	Hedgerow		X	X	Dependent on preferred OCS zone location and onshore export cable routeing at this location. If OCS and ESBI is not located in Zone 8, assumed possibly avoidable through site selection refinements and micro-siting cable duct and haul road installation.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-158	501247.00	436058.00	Surface	Trees		X	X	Dependent on preferred OCS zone location and onshore export cable routeing at this location. If OCS and ESBI is not located in Zone 8, assumed possibly avoidable through site selection refinements and micro-siting cable duct and haul road installation.
VX-159	500942.00	435820.00	Surface	Hedgerow		X	X	Dependent on preferred OCS zone location and onshore export cable routeing at this location.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-160	500992.00	435625.00	Surface	Hedgerow		X	X	Dependent on preferred OCS zone location and onshore export cable routeing at this location. If OCS and ESBI is not located in Zone 8, assumed possibly avoidable through site selection refinements and micro-siting cable duct and haul road installation.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
TX-67	500946.00	435766.00	Surface	Rowley Footpath No.9		X	X	Dependent on preferred OCS zone location and onshore export cable routeing at this location. If OCS and ESBI is not located in Zone 8, assumed possibly avoidable through site selection refinements and micro-siting cable duct and haul road installation.
UX-77	500717.00	436294.00	Buried	National High Pressure Gas Main - National Gas Transmission	X		X	
MX-04	501159.00	436155.00	Surface	Tank	N/A			Tank to be avoided by micro-siting cable duct and haul road installation.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
UX-78	500924.00	435959.00	Overhead	11kV HV Electricity Line - Northern Power Grid		X	X	Dependent on preferred OCS zone location and onshore export cable routeing at this location.
UX-79	501096.00	435610.00	Overhead	11kV HV Electricity Line - Northern Power Grid		X	X	Dependent on preferred OCS zone location and onshore export cable routeing at this location. If OCS and ESBI is not located in Zone 8, assumed possibly avoidable through site selection refinements and micro-siting cable duct and haul road installation.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
Northern Corridor Section (being considered for both OCS Zone 4 and Zone 8)								
TX-68	501289.00	435874.00	Surface	Coppleflat Lane - C Road	X			Stop end - haul road continues on either side of Coppleflat Lane.
UX-80	501351.77	435894.32	Buried	Hornsea Project Four Offshore Wind Farm - HV Onshore Export Cables	X		X	
VX-161	501502.00	435934.00	Surface	Hedgerow		X	X	
VX-162	501687.00	435994.00	Surface	Hedgerow		X	X	
VX-163	501696.00	435997.00	Surface	Hedgerow		X	X	
VX-164	501804.00	436067.00	Surface	Hedgerow		X	X	

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-165	501957.00	436137.00	Surface	Hedgerow		X	X	Possibly avoidable by micro-siting cable duct and haul road installation.
VX-166	501963.00	436151.00	Surface	Hedgerow		X	X	
VX-167	502124.00	436174.00	Surface	Hedgerow		X	X	
UX-81	502317.00	436190.00	Buried	Water Main - Yorkshire Water		X	X	
VX-168	502419.07	436215.25	Surface	Hedgerow	X			Stop end - haul road continues on either side of Beverley Road
UX-82	502416.00	436191.00	Buried	Telecoms Cable - KCOM Group	X			Stop end - haul road continues on either side of Beverley Road
VX-169	502443.62	436207.93	Surface	Hedgerow	X			Stop end - haul road continues on either side of Beverley Road
UX-83	502407.00	436192.00	Buried	Water Main - Yorkshire Water	X			Stop end - haul road continues on either side of Beverley Road

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
TX-69	502522.00	436193.00	Surface	Beverley Road - A164 + Jock's Lodge improvements Scheme	X			Stop end - haul road continues on either side of Beverley Road
UX-84	502582.00	436188.00	Buried	Telecoms Cable - KCOM Group	X			Stop end - haul road continues on either side of Beverley Road
TX-70	502611.00	436203.00	Surface	Rowley Bridleway No.13	X			Stop end - haul road continues on either side of Beverley Road
WX-105	502419.47	436164.48	Surface	Field Drain / Watercourse	X			Stop end - haul road continues on either side of Beverley Road
UX-85	502643.00	436174.00	Surface	Creyke Beck Solar Farm - Solar Array	X			Stop end - haul road continues beyond Creyke Beck Solar Farm array and trees.
UX-86	502835.00	436295.00	Buried	Telecoms Cable - KCOM Group		X	X	Dependent on onshore export cable routeing to / from OCS Zone 4 but assumed possibly avoidable through site selection refinements.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-170	502687.00	436173.00	Surface	Trees	X			Stop end - haul road continues beyond Creyke Beck Solar Farm array and trees.
VX-171	502926.00	436154.00	Surface	Trees	X			Stop end - haul road continues beyond trees and Jillywood Farm Access Road.
TX-71	502986.00	436150.00	Surface	Jillywood Farm Accesss Road - Unclassified Road	X			Stop end - haul road continues beyond trees and Jillywood Farm Access Road.
UX-87	503095.00	436163.00	Buried	Dogger Bank South Offshore Wind Farms - Proposed HV Onshore Export Cables	X		X	Dependent on Dogger Bank South's onshore export cable routeing at this location.
WX-106	502878.90	436154.96	Surface	Field Drain / Watercourse	X			Stop end - haul road continues beyond trees and Jillywood Farm Access Road.
WX-108	503232.19	436417.19	Surface	Field Drain / Watercourse	X			

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-107	502984.11	436134.80	Surface	Field Drain / Watercourse	X			Stop end - haul road continues beyond trees and Jillywood Farm Access Road.
UX-88	502978.00	436196.00	Buried	Telecoms Cable - KCOM Group	X			Stop end - haul road continues beyond trees and Jillywood Farm Access Road.
UX-89	503194.00	436148.00	Overhead	33kV HV Electricity Line - Northern Power Grid		X	X	
WX-109	503252.00	436147.00	Surface	Pond		X	X	Possibly avoidable by micro-siting cable duct and haul road installation.
UX-90	503397.00	435960.00	Buried	Dogger Bank South Offshore Wind Farms - Proposed HV Onshore Export Cables	X		X	Dependent on Dogger Bank South's onshore export cable routeing at this location.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-110	503420.56	435967.67	Surface	Field Drain / Watercourse	X		X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.
UX-91	503505.00	435804.00	Surface	Creyke Beck Solar Farm - Solar Array	X			Stop end - haul road continues on either side of Creyke Beck Solar Farm array.
UX-92	503545.00	435707.00	Overhead	11kV HV Electricity Line - Northern Power Grid		X	X	
UX-93	503582.00	435672.00	Overhead	11kV HV Electricity Line - Northern Power Grid		X	X	
WX-111	503612.94	435528.63	Surface	Field Drain / Watercourse	X		X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
UX-94	502794.00	436338.00	Buried	INEOS Gas Pipeline	X		X	Only applicable if OCS Zone 4 is taken forward. Dependent on onshore export cable routeing to / from OCS Zone 4 but assumed possibly avoidable through site selection refinements.
UX-95	502800.00	436397.00	Buried	National High Pressure Gas Main - National Gas Transmission	X		X	Only applicable if OCS Zone 4 is taken forward. Dependent on onshore export cable routeing to / from OCS Zone 4 but assumed possibly avoidable through site selection refinements.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
UX-96	502842.00	436510.00	Overhead	11kV HV Electricity Line - Northern Power Grid	X		X	Only applicable if OCS Zone 4 is taken forward. Dependent on onshore export cable routeing to / from OCS Zone 4 but assumed possibly avoidable through site selection refinements.
UX-97	502864.00	436537.00	Buried	Dogger Bank South Offshore Wind Farms - Proposed HV Onshore Export Cables	X		X	Only applicable if OCS Zone 4 is taken forward. Dependent on onshore export cable routeing to / from OCS Zone 4 but assumed possibly avoidable through site selection refinements.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-112	502874.00	436610.00	Surface	Field Drain / Watercourse	X			Only applicable if OCS Zone 4 is taken forward. Dependent on onshore export cable routeing to / from OCS Zone 4 but assumed possibly avoidable through site selection refinements and by micro-siting cable duct installation.
UX-98	502935.00	436613.00	Overhead	400kV Extra HV Electricity Line - National Grid Electricity Transmission		X	X	Only applicable if OCS Zone 4 is taken forward. Dependent on onshore export cable routeing to / from OCS Zone 4 but assumed possibly avoidable through site selection refinements.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
TX-72	502787.00	436294.00	Surface	Rowley Bridleway No.13	X		X	Only applicable if OCS Zone 4 is taken forward. Dependent on onshore export cable routeing to / from OCS Zone 4 but assumed possibly avoidable through site selection refinements.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
UX-99	502973.00	436653.00	Buried	Telecoms Cable - KCOM Group	X			Only applicable if OCS Zone 4 is taken forward. Dependent on onshore export cable routeing to / from OCS Zone 4 but assumed possibly avoidable through site selection refinements. Stop end - haul road continues on either side of Beverley Bypass.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-172	502955.79	436665.28	Surface	Trees	X			Only applicable if OCS Zone 4 is taken forward. Dependent on onshore export cable routeing to / from OCS Zone 4 but assumed possibly avoidable through site selection refinements. Stop end - haul road continues on either side of Beverley Bypass.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
TX-73	503000.00	436680.00	Surface	Beverley Bypass - A1079	X			Only applicable if OCS Zone 4 is taken forward. Dependent on onshore export cable routeing to / from OCS Zone 4 but assumed possibly avoidable through site selection refinements. Stop end - haul road continues on either side of Beverley Bypass.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-173	503026.00	436657.00	Surface	Trees	X			Only applicable if OCS Zone 4 is taken forward. Dependent on onshore export cable routeing to / from OCS Zone 4 but assumed possibly avoidable through site selection refinements. Stop end - haul road continues on either side of Beverley Bypass.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
UX-100	503168.00	436273.00	Buried	INEOS Gas Pipeline	X		X	Only applicable if OCS Zone 4 is taken forward. Dependent on onshore export cable routeing to / from OCS Zone 4 but assumed possibly avoidable through site selection refinements.
UX-101	503210.00	436316.00	Overhead	400kV Extra HV Electricity Line - National Grid Electricity Transmission		X	X	Only applicable if OCS Zone 4 is taken forward. Dependent on onshore export cable routeing to / from OCS Zone 4 but assumed possibly avoidable through site selection refinements.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
UX-102	503216.00	436348.00	Buried	Dogger Bank South Offshore Wind Farms - Proposed HV Onshore Export Cables	X		X	Only applicable if OCS Zone 4 is taken forward. Dependent on onshore export cable routeing to / from OCS Zone 4 but assumed possibly avoidable through site selection refinements. Dependent on Dogger Bank South's onshore export cable routeing at this location.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
TX-74	503245.74	436410.69	Surface	Rowley Bridleway No.13	X			Only applicable if OCS Zone 4 is taken forward. Dependent on onshore export cable routeing to / from OCS Zone 4 but assumed possibly avoidable through site selection refinements. Stop end - haul road continues on either side of Beverley Bypass.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
TX-75	503281.00	436453.00	Surface	Beverley Bypass - A1079	X			Only applicable if OCS Zone 4 is taken forward. Dependent on onshore export cable routeing to / from OCS Zone 4 but assumed possibly avoidable through site selection refinements. Stop end - haul road continues on either side of Beverley Bypass.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-174	503300.00	436421.00	Surface	Trees	X			Only applicable if OCS Zone 4 is taken forward. Dependent on onshore export cable routeing to / from OCS Zone 4 but assumed possibly avoidable through site selection refinements. Stop end - haul road continues on either side of Beverley Bypass.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
UX-103	503313.00	436526.00	Surface	Unnamed Solar Farm - Solar Array	X			Only applicable if OCS Zone 4 is taken forward. Dependent on onshore export cable routeing to / from OCS Zone 4 but assumed possibly avoidable through site selection refinements. Stop end - haul road continues on either side of Beverley Bypass.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-175	503238.00	436507.00	Surface	Trees	X			Only applicable if OCS Zone 4 is taken forward. Dependent on onshore export cable routeing to / from OCS Zone 4 but assumed possibly avoidable through site selection refinements. Stop end - haul road continues on either side of Beverley Bypass.
VX-176	503615.00	435546.00	Surface	Hedgerow		X	X	
TX-76	503621.00	435560.00	Surface	Woodmansey Footpath No. 7		X	X	

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
Southern Corridor Section (being considered for OCS Zone 8 only)								
DX-06	501424.94	435616.50	Surface	Fishpond Wood, Risby Estate LWS	X			Possibly avoidable by micro-siting cable duct installation.
TX-77	501414.00	435650.00	Surface	Rowley Footpath No.8		X	X	
WX-113	501482.88	435595.06	Surface	Field Drain / Watercourse	X		X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.
VX-177	501513.34	435609.97	Surface	Trees	N/A			Category A (high quality) and Category B (moderate quality) trees at this location to be avoided by micro-siting both cable duct and haul road installation.
VX-178	501490.57	435600.81	Surface	Hedgerow		X	X	

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-179	501436.00	435602.00	Surface	Trees	X			Possibly avoidable by micro-siting cable duct installation.
VX-180	501630.01	435288.93	Surface	Hedgerow		X	X	
TX-78	501660.00	435296.00	Surface	Dunflat Road - C Road		X		Stop end - haul road continues on either side of Dunflat Road.
UX-104	501667.00	435301.00	Buried	Telecoms Cable - KCOM Group		X	X	
WX-114	501706.00	435315.00	Surface	Pond		X		Possibly avoidable by micro-siting cable duct installation.
UX-105	502120.24	435158.71	Overhead	North Humber to High Marnham Grid Upgrade - Proposed 400kV Electricity Line		X	X	
VX-181	502112.62	435211.93	Surface	Trees	X			Stop end - haul road continues on either side of Skidby Bypass.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
TX-79	502124.99	435192.15	Surface	Skidby Bypass - A164	X			Stop end - haul road continues on either side of Skidby Bypass.
VX-182	502145.19	435149.44	Surface	Trees	X			Stop end - haul road continues on either side of Skidby Bypass.
UX-106	502132.00	435174.00	Buried	Telecoms Cable - KCOM Group	X			Stop end - haul road continues on either side of Skidby Bypass.
UX-107	502157.00	435168.00	Buried	Water Main - Yorkshire Water	X			Stop end - haul road continues on either side of Skidby Bypass.
UX-108	502161.00	435168.00	Buried	Telecoms Cable - KCOM Group	X			Stop end - haul road continues on either side of Skidby Bypass.
UX-109	502278.00	435118.00	Overhead	33kV HV Electricity Line - Northern Power Grid		X	X	
VX-183	502297.00	435107.00	Surface	Hedgerow		X	X	

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
UX-110	502373.63	435079.24	Buried	Hornsea Project Four Offshore Wind Farm - HV Onshore Export Cables	X		X	
TX-80	502421.00	435051.00	Surface	Access Track	X		X	
VX-184	502479.00	435006.00	Surface	Hedgerow	X		X	
UX-111	502411.00	435053.00	Buried	Telecoms Cable - KCOM Group	X		X	
UX-112	502585.00	434960.00	Buried	Regional High Pressure Gas Main - Northern Gas Networks	X		X	
VX-185	502754.00	434973.00	Surface	Hedgerow	X		X	
VX-186	502694.00	434906.00	Surface	Hedgerow		X	X	

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
WX-115	502791.75	434975.13	Surface	Field Drain / Watercourse	X		X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.
VX-187	502981.11	434955.50	Surface	Hedgerow	X		X	
WX-116	502981.00	434966.00	Surface	Field Drain / Watercourse	X		X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.
VX-188	503259.00	435128.00	Surface	Hedgerow / Trees	X		X	

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
UX-113	503360.00	435191.00	Surface	Creyke Beck Solar Farm - Solar Array	X			Possibly avoidable by micro-siting cable duct installation. Potential stop end - haul road continues on either side of the Creyke Beck Solar Farm array.
UX-114	503380.86	435130.59	Buried	Creyke Beck Solar Farm - HV Export Cables	X		X	
WX-117	503215.56	435097.31	Surface	Field Drain / Watercourse	X		X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.
UX-115	503515.00	435227.00	Surface	Hornsea Project Four Offshore Wind Farm - Onshore Substation Area	X			Stop end - haul road continues on either side of Hornsea Project Four substation area.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
UX-116	503683.00	435364.00	Buried	Regional High Pressure Gas Main - Northern Gas Networks	X		X	
UX-117	503571.00	435337.00	Overhead	11kV HV Electricity Line - Northern Power Grid		X	X	
TX-81	503528.00	435294.00	Surface	Rowley Footpath No.12		X	X	
UX-118	503607.00	435371.00	Overhead	11kV HV Electricity Line - Northern Power Grid		X	X	Possibly avoidable by micro-siting cable duct and haul road installation.
TX-82	503653.00	435441.00	Surface	Woodmansey Footpath No.7	X		X	
WX-118	503619.26	435329.65	Surface	Field Drain / Watercourse	X		X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.

Crossing ID	Approximate Coordinates		Obstacle Type	Obstacle Description	Proposed Crossing Methodology for Cable Duct Installation Works		Haul Road Crossing Requirement (X)	Comments
	Easting	Northing			Trenchless Technique (X)	Open Cut Trenching (X)		
VX-189	503597.00	435348.00	Surface	Hedgerow	X		X	
WX-119	503691.12	435333.25	Surface	Field Drain / Watercourse	X		X	Temporary haul road crossing of watercourse required. Potential use of temporary culvert but suitability to be determined.
UX-119	503683.00	435402.00	Overhead	North Humber to High Marnham Grid Upgrade - Proposed 400kV Electricity Line		X	X	
TX-83	503671.00	435419.00	Surface	Access Track	X		X	
VX-190	503684.60	435384.56	Surface	Hedgerow	X		X	

Legend:

Onshore Development Area

Indicative Crossing Methodology

- Trenchless Technique for Cable Duct Installation with Haul Road Crossing
- Trenchless Technique for Cable Duct Installation without Haul Road Crossing
- Open Cut Trenching for Cable Duct Installation with Haul Road Crossing
- Open Cut Trenching for Cable Duct Installation without Haul Road Crossing
- Avoided by micro-siting cable duct and haul road installation

Note: This PEIR crossing schedule reflects optionality retained at this stage to route the onshore export cables within the Onshore Development Area. Following further site selection refinements post-PEIR, some of these crossings may be removed for the DCO application submission based on the DCO limits

Project: Dogger Bank D Offshore Wind Farm

DOGGER BANK WIND FARM

Title: PEIR Crossing Schedule - Onshore - Sheet 1 of 10

Figure: 4.3-1

Drawing No: PC6250-RHD-XX-ON-M2-GS-0588

Revision:	Date:	Drawn:	Checked:	Size:	Scale:
01	24/04/2025	GC	TP	A3	1:15,000

Co-ordinate system: British National Grid

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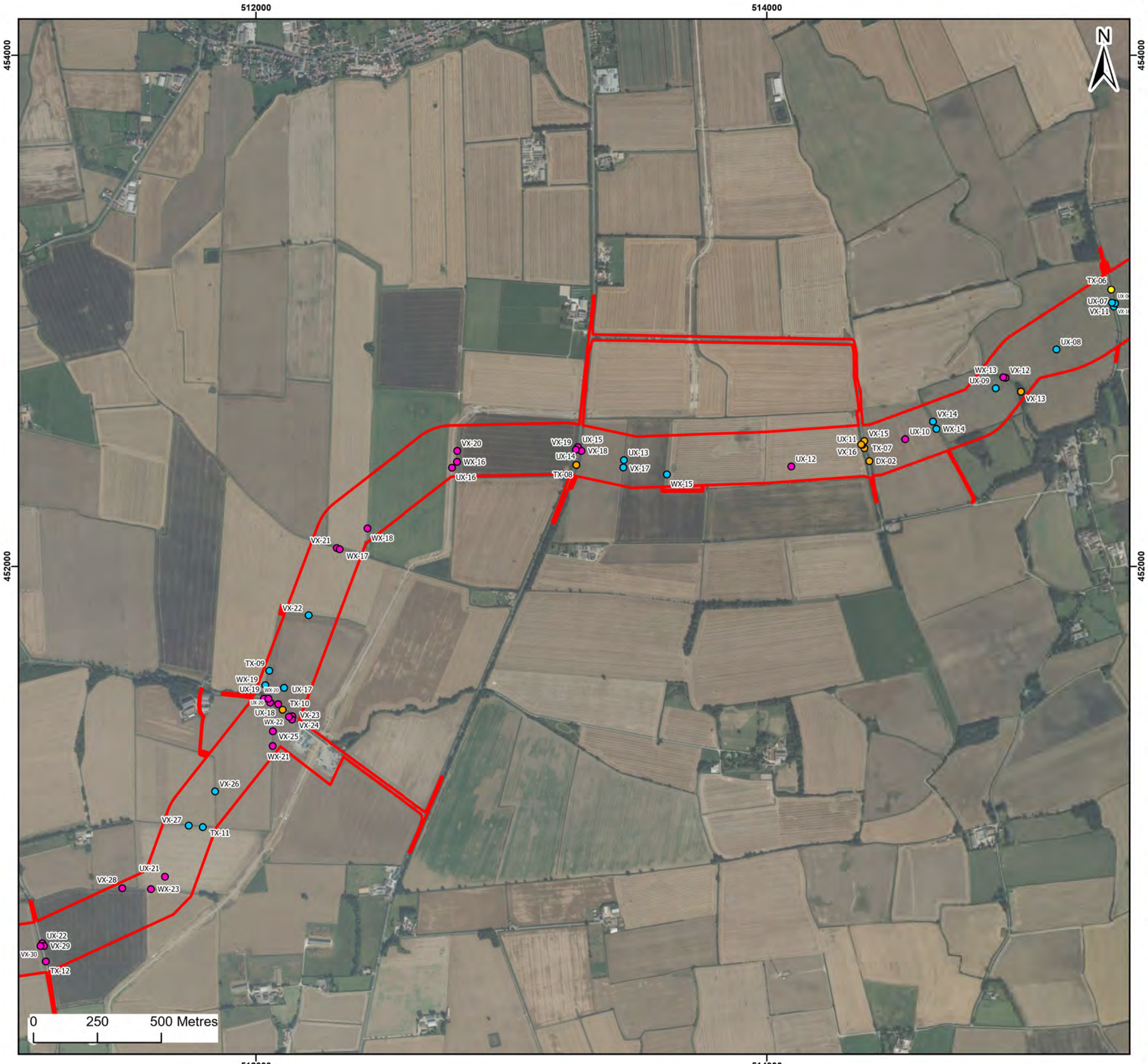

Legend:

Onshore Development Area

Indicative Crossing Methodology

- Trenchless Technique for Cable Duct Installation with Haul Road Crossing
- Trenchless Technique for Cable Duct Installation without Haul Road Crossing
- Open Cut Trenching for Cable Duct Installation with Haul Road Crossing
- Open Cut Trenching for Cable Duct Installation without Haul Road Crossing
- Avoided by micro-siting cable duct and haul road installation

Note: This PEIR crossing schedule reflects optionality retained at this stage to route the onshore export cables within the Onshore Development Area. Following further site selection refinements post-PEIR, some of these crossings may be removed for the DCO application submission based on the DCO limits

Project:

Dogger Bank D Offshore Wind Farm

DOGGER BANK WIND FARM

Title:

PEIR Crossing Schedule - Onshore - Sheet 2 of 10

Figure: 4.3-1

Drawing No: PC6250-RHD-XX-ON-M2-GS-0588

Revision:	Date:	Drawn:	Checked:	Size:	Scale:
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Co-ordinate system: British National Grid

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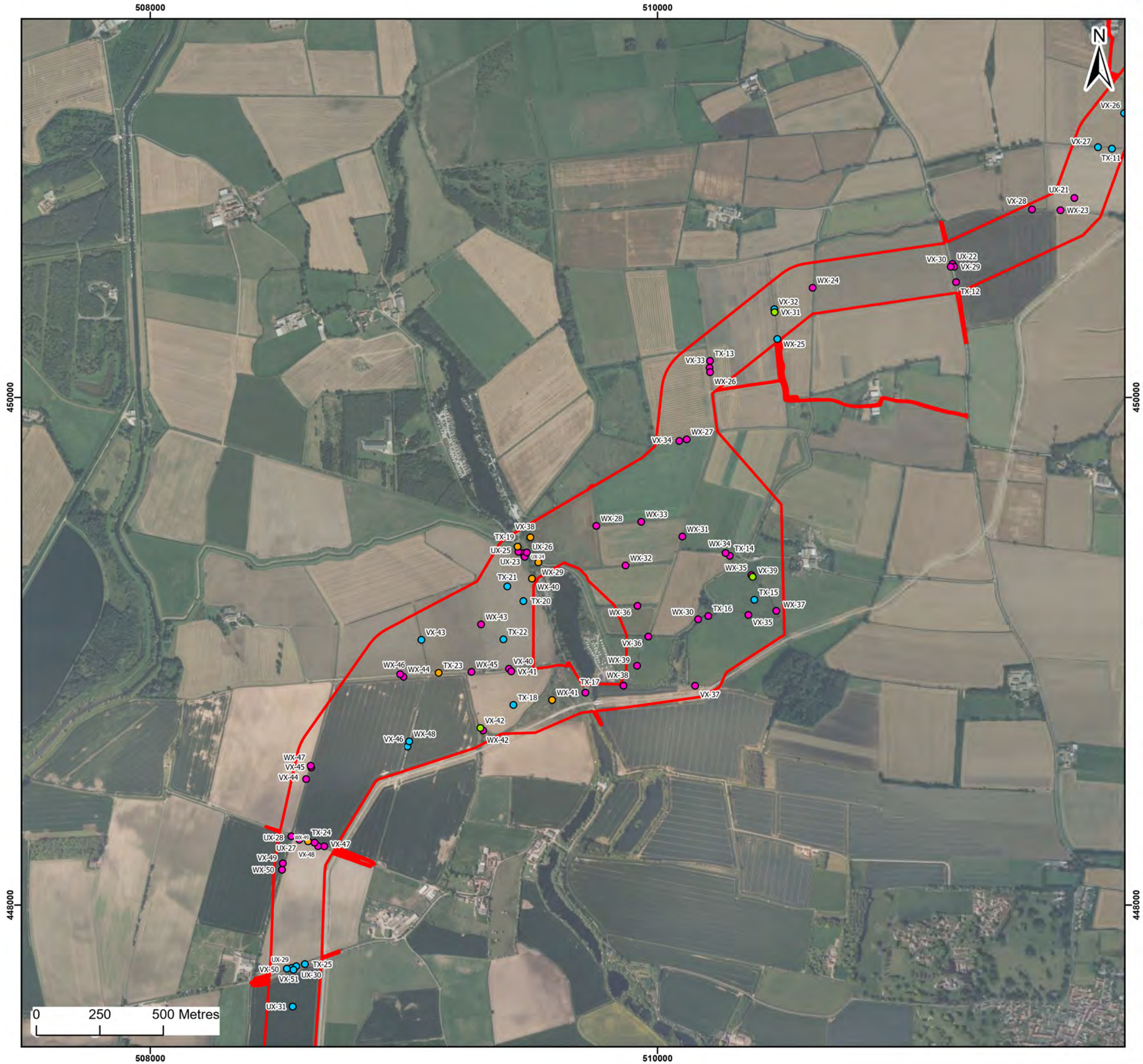

Legend:

Onshore Development Area

Indicative Crossing Methodology

- Trenchless Technique for Cable Duct Installation with Haul Road Crossing
- Trenchless Technique for Cable Duct Installation without Haul Road Crossing
- Open Cut Trenching for Cable Duct Installation with Haul Road Crossing
- Open Cut Trenching for Cable Duct Installation without Haul Road Crossing
- Avoided by micro-siting cable duct and haul road installation

Note: This PEIR crossing schedule reflects optionality retained at this stage to route the onshore export cables within the Onshore Development Area. Following further site selection refinements post-PEIR, some of these crossings may be removed for the DCO application submission based on the DCO limits

Project: Dogger Bank D Offshore Wind Farm

DOGGER BANK WIND FARM

Title: PEIR Crossing Schedule - Onshore - Sheet 3 of 10

Figure: 4.3-1

Drawing No: PC6250-RHD-XX-ON-M2-GS-0588

Revision:	Date:	Drawn:	Checked:	Size:	Scale:
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Co-ordinate system: British National Grid

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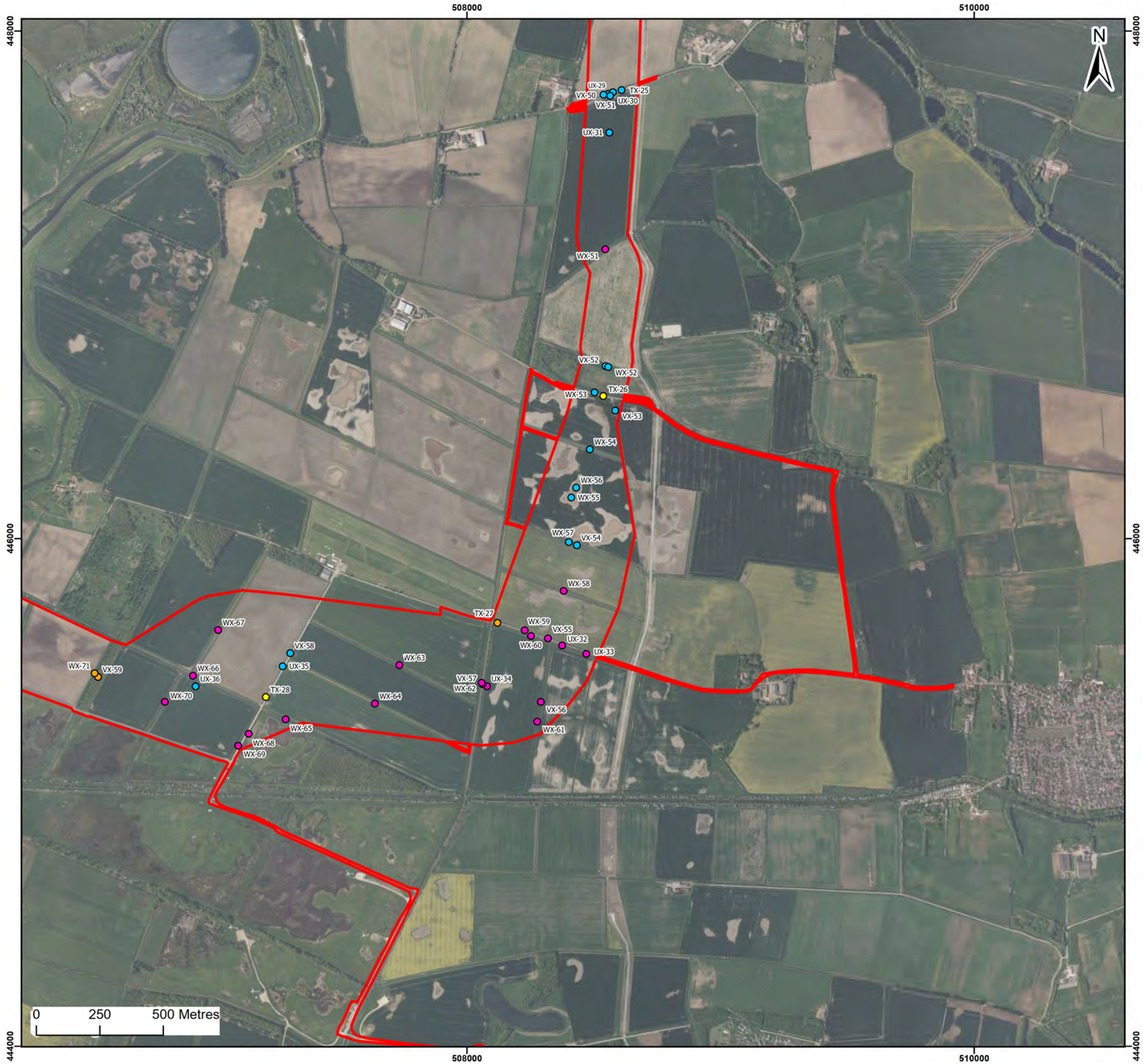

Legend:

Onshore Development Area

Indicative Crossing Methodology

- Trenchless Technique for Cable Duct Installation with Haul Road Crossing
- Trenchless Technique for Cable Duct Installation without Haul Road Crossing
- Open Cut Trenching for Cable Duct Installation with Haul Road Crossing
- Open Cut Trenching for Cable Duct Installation without Haul Road Crossing
- Avoided by micro-siting cable duct and haul road installation

Note: This PEIR crossing schedule reflects optionality retained at this stage to route the onshore export cables within the Onshore Development Area. Following further site selection refinements post-PEIR, some of these crossings may be removed for the DCO application submission based on the DCO limits

Project:

Dogger Bank D Offshore Wind Farm

DOGGER BANK WIND FARM

Title:

PEIR Crossing Schedule - Onshore - Sheet 4 of 10

Figure:	Drawing No:
4.3-1	PC6250-RHD-XX-ON-M2-GS-0588

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Co-ordinate system: British National Grid

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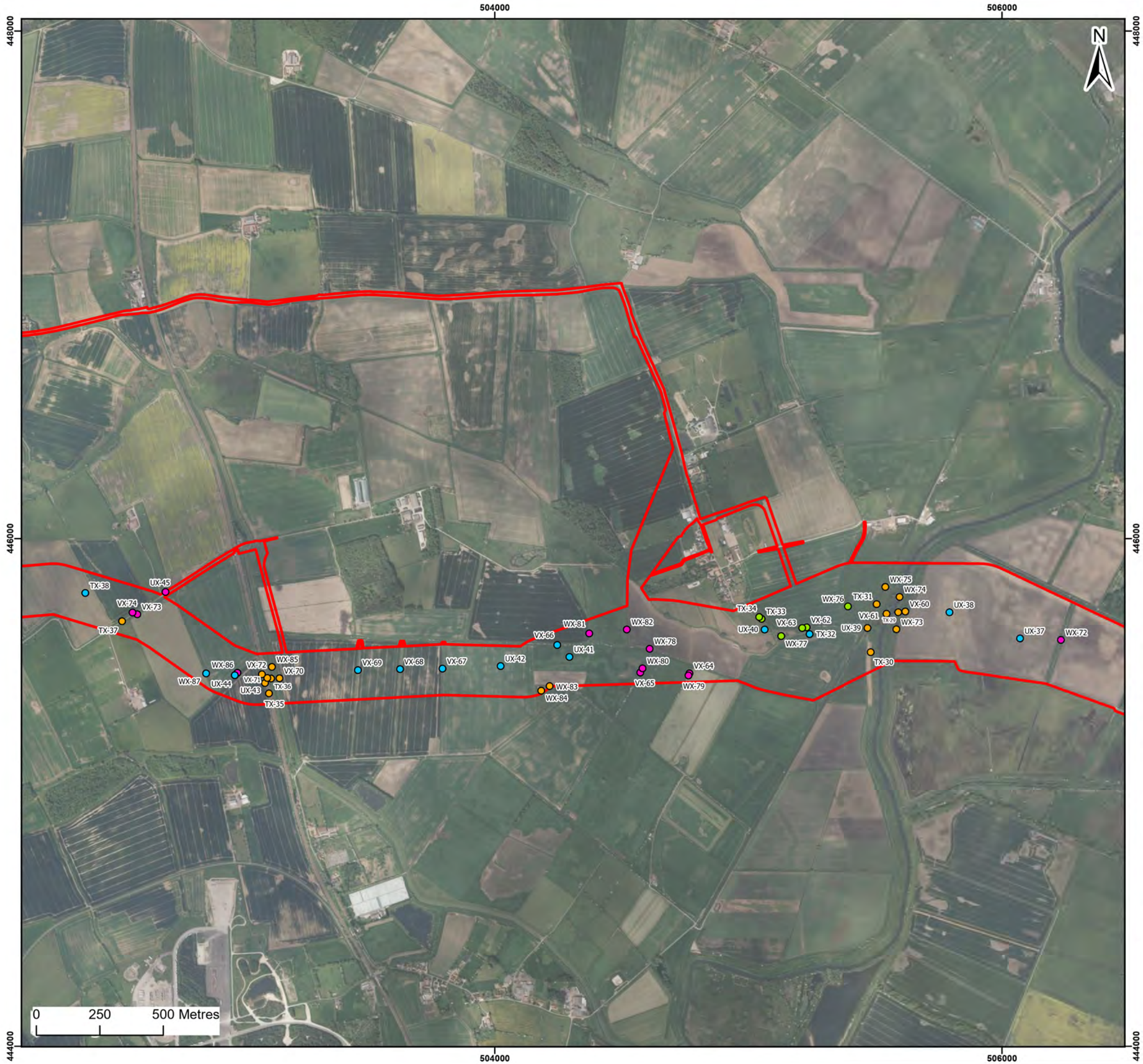

Legend:

Onshore Development Area

Indicative Crossing Methodology

- Trenchless Technique for Cable Duct Installation with Haul Road Crossing
- Trenchless Technique for Cable Duct Installation without Haul Road Crossing
- Open Cut Trenching for Cable Duct Installation with Haul Road Crossing
- Open Cut Trenching for Cable Duct Installation without Haul Road Crossing
- Avoided by micro-siting cable duct and haul road installation

Note: This PEIR crossing schedule reflects optionality retained at this stage to route the onshore export cables within the Onshore Development Area. Following further site selection refinements post-PEIR, some of these crossings may be removed for the DCO application submission based on the DCO limits

Project:

Dogger Bank D Offshore Wind Farm

DOGGER BANK WIND FARM

Title:

PEIR Crossing Schedule - Onshore - Sheet 5 of 10

Figure:	Drawing No:				
4.3-1	PC6250-RHD-XX-ON-M2-GS-0588				
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Co-ordinate system: British National Grid

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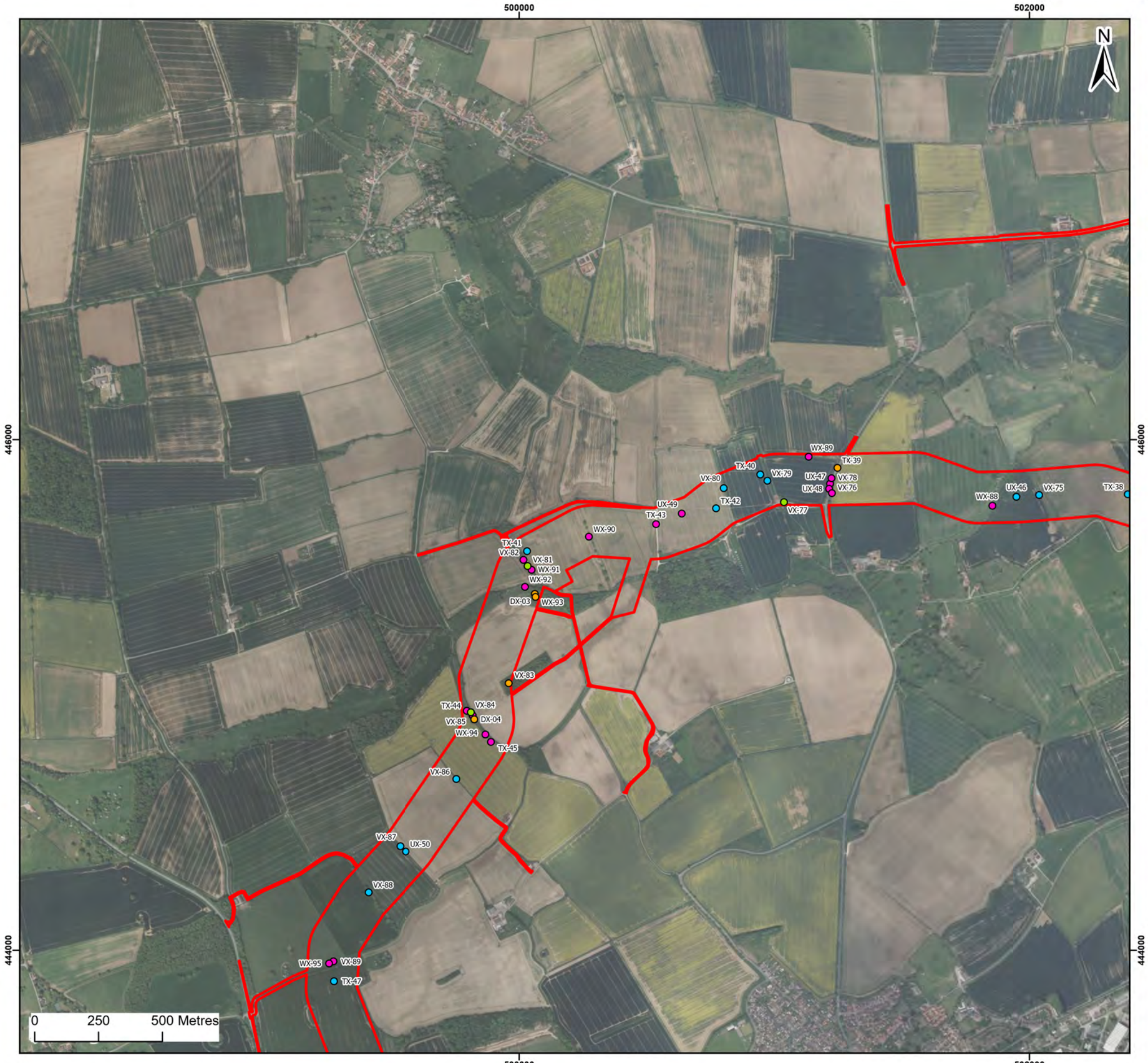

Legend:

Onshore Development Area

Indicative Crossing Methodology

- Trenchless Technique for Cable Duct Installation with Haul Road Crossing
- Trenchless Technique for Cable Duct Installation without Haul Road Crossing
- Open Cut Trenching for Cable Duct Installation with Haul Road Crossing
- Open Cut Trenching for Cable Duct Installation without Haul Road Crossing
- Avoided by micro-siting cable duct and haul road installation

Note: This PEIR crossing schedule reflects optionality retained at this stage to route the onshore export cables within the Onshore Development Area. Following further site selection refinements post-PEIR, some of these crossings may be removed for the DCO application submission based on the DCO limits

Project: Dogger Bank D Offshore Wind Farm

DOGGER BANK WIND FARM

Title: PEIR Crossing Schedule - Onshore - Sheet 6 of 10

Figure: 4.3-1

Drawing No: PC6250-RHD-XX-ON-M2-GS-0588

Revision:	Date:	Drawn:	Checked:	Size:	Scale:
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Co-ordinate system: British National Grid

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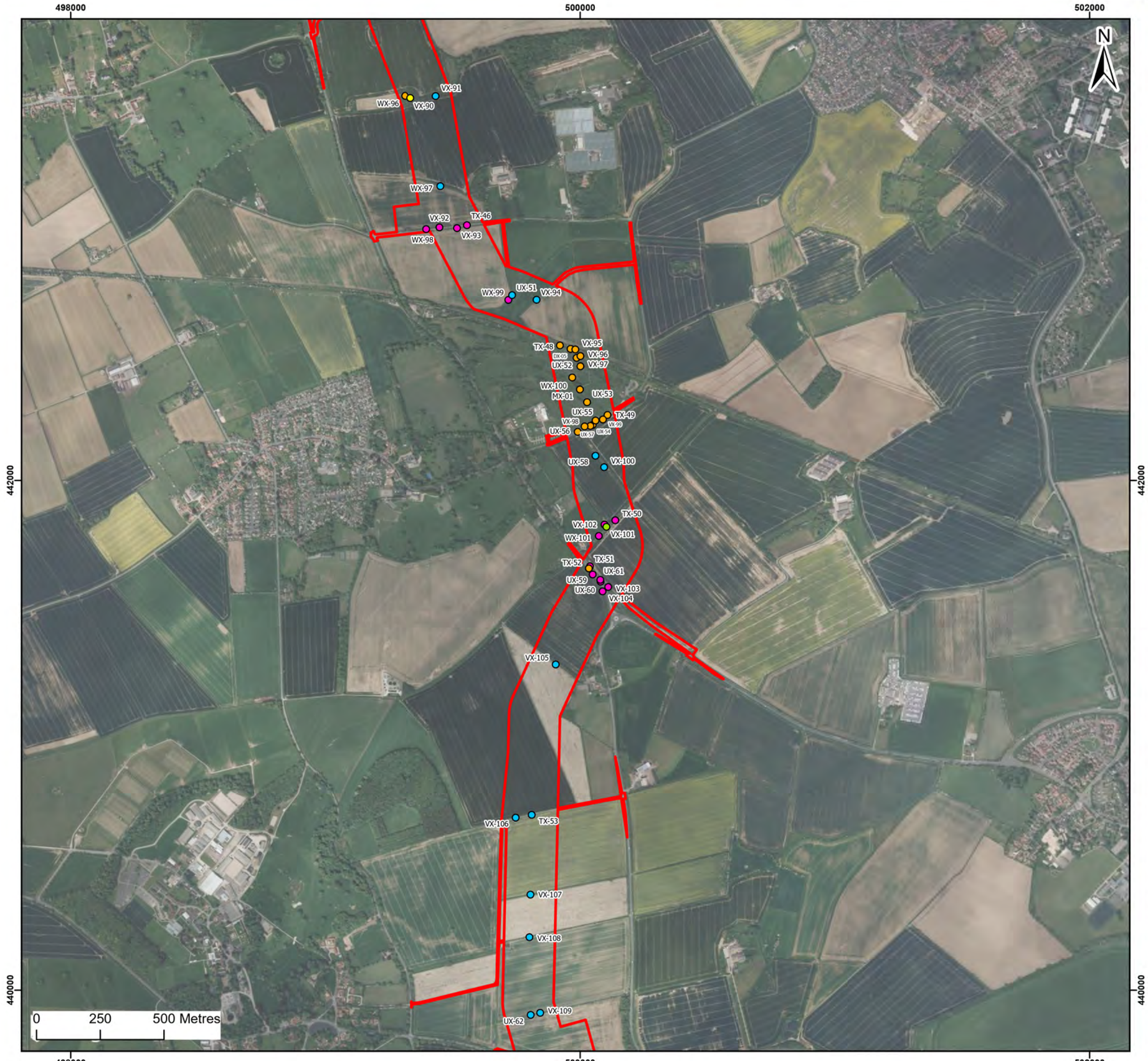

Legend:

Onshore Development Area

Indicative Crossing Methodology

- Trenchless Technique for Cable Duct Installation with Haul Road Crossing
- Trenchless Technique for Cable Duct Installation without Haul Road Crossing
- Open Cut Trenching for Cable Duct Installation with Haul Road Crossing
- Open Cut Trenching for Cable Duct Installation without Haul Road Crossing
- Avoided by micro-siting cable duct and haul road installation

Note: This PEIR crossing schedule reflects optionality retained at this stage to route the onshore export cables within the Onshore Development Area. Following further site selection refinements post-PEIR, some of these crossings may be removed for the DCO application submission based on the DCO limits

Project:

Dogger Bank D Offshore Wind Farm

DOGGER BANK WIND FARM

Title:

PEIR Crossing Schedule - Onshore - Sheet 7 of 10

Figure: 4.3-1

Drawing No: PC6250-RHD-XX-ON-M2-GS-0588

Revision:	Date:	Drawn:	Checked:	Size:	Scale:
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Co-ordinate system: British National Grid

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UX-62 VX-109 VX-110 VX-111 UX-64 UX-63 UX-65 TX-54 VX-114 VX-115 UX-67 VX-116 TX-55 VX-113 UX-66 VX-112 UX-68 VX-117 VX-118 VX-119 TX-56 UX-69 VX-121 TX-57 UX-70 VX-120 VX-122 VX-123 UX-71 VX-124 VX-125 VX-126 TX-59 TX-58 VX-127 VX-128 VX-129 VX-130 UX-72 TX-60 VX-131 VX-132 VX-133 UX-73 VX-134 VX-136 UX-74 MX-02 VX-138 VX-139 UX-76 UX-75 TX-62 VX-137 TX-64 TX-63 TX-65 VX-140 VX-141 VX-144 VX-142 WX-102 VX-143 WX-103 TX-66 MX-03 VX-146 VX-145 VX-147 VX-149 VX-148 VX-150 WX-104 UX-77 TX-61 VX-135 Zone 8

0 250 500 Metres

Legend:

- Onshore Development Area
- Onshore Converter Station Zone Options

Indicative Crossing Methodology

- Trenchless Technique for Cable Duct Installation with Haul Road Crossing
- Trenchless Technique for Cable Duct Installation without Haul Road Crossing
- Open Cut Trenching for Cable Duct Installation with Haul Road Crossing
- Open Cut Trenching for Cable Duct Installation without Haul Road Crossing
- Avoided by micro-siting cable duct and haul road installation

Note: This PEIR crossing schedule reflects optionality retained at this stage to route the onshore export cables within the Onshore Development Area. Following further site selection refinements post-PEIR, some of these crossings may be removed for the DCO application submission based on the DCO limits

Project:

Dogger Bank D Offshore Wind Farm

DOGGER BANK WIND FARM

Title:

PEIR Crossing Schedule - Onshore - Sheet 8 of 10

Figure:	Drawing No:				
4.3-1	PC6250-RHD-XX-ON-M2-GS-0588				
Revision:	**Date:**	**Drawn:**	**Checked:**	**Size:**	**Scale:**
01	24/04/2025	GC	TP	A3	1:15,000

Co-ordinate system: British National Grid

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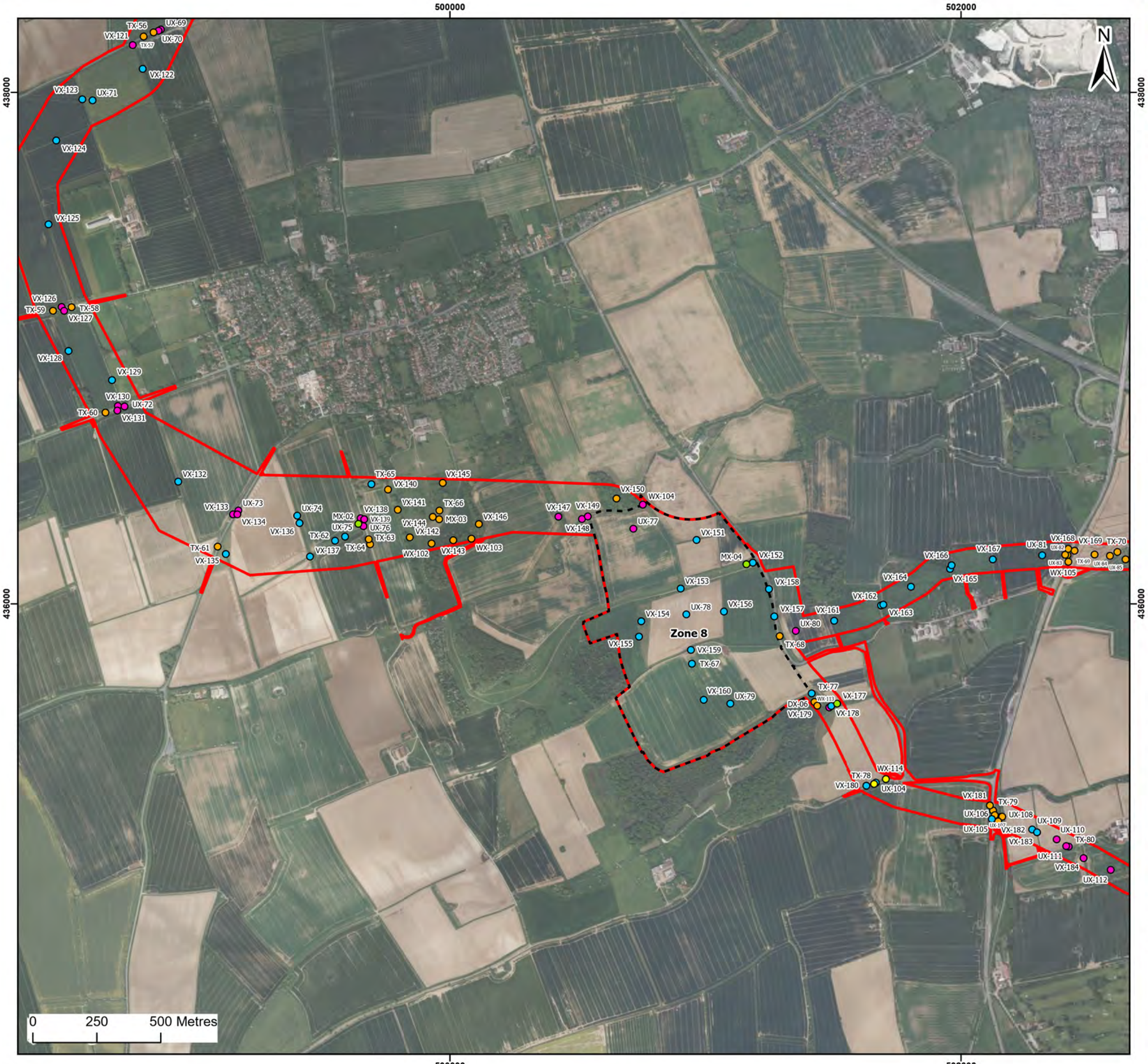

Legend:

- Onshore Development Area
- Onshore Converter Station Zone Options

Indicative Crossing Methodology

- Trenchless Technique for Cable Duct Installation with Haul Road Crossing
- Trenchless Technique for Cable Duct Installation without Haul Road Crossing
- Open Cut Trenching for Cable Duct Installation with Haul Road Crossing
- Open Cut Trenching for Cable Duct Installation without Haul Road Crossing
- Avoided by micro-siting cable duct and haul road installation

Note: This PEIR crossing schedule reflects optionality retained at this stage to route the onshore export cables within the Onshore Development Area. Following further site selection refinements post-PEIR, some of these crossings may be removed for the DCO application submission based on the DCO limits

Project:

Dogger Bank D Offshore Wind Farm

DOGGER BANK WIND FARM

Title:

PEIR Crossing Schedule - Onshore - Sheet 9 of 10

Figure:	Drawing No:				
4.3-1	PC6250-RHD-XX-ON-M2-GS-0588				
Revision:	**Date:**	**Drawn:**	**Checked:**	**Size:**	**Scale:**
01	24/04/2025	GC	TP	A3	1:15,000

Co-ordinate system: British National Grid

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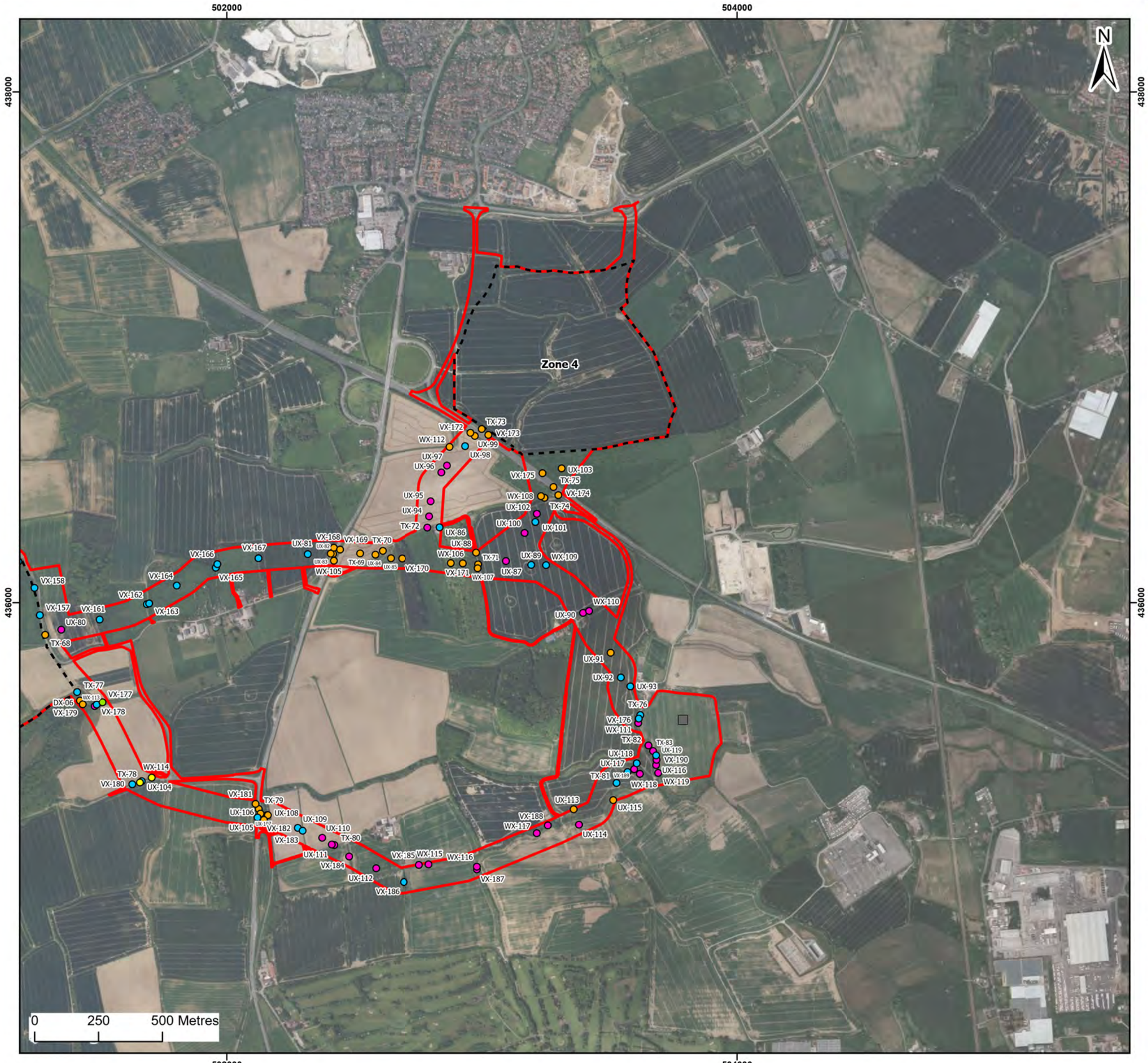

Legend:

- Onshore Development Area
- Onshore Converter Station Zone Options
- Indicative Birkhill Wood Substation Location

Indicative Crossing Methodology

- Trenchless Technique for Cable Duct Installation with Haul Road Crossing
- Trenchless Technique for Cable Duct Installation without Haul Road Crossing
- Open Cut Trenching for Cable Duct Installation with Haul Road Crossing
- Open Cut Trenching for Cable Duct Installation without Haul Road Crossing
- Avoided by micro-siting cable duct and haul road installation

Note: This PEIR crossing schedule reflects optionality retained at this stage to route the onshore export cables within the Onshore Development Area. Following further site selection refinements post-PEIR, some of these crossings may be removed for the DCO application submission based on the DCO limits

Project: Dogger Bank D Offshore Wind Farm

DOGGER BANK WIND FARM

Title: PEIR Crossing Schedule - Onshore - Sheet 10 of 10

Figure:	Drawing No:				
4.3-1	PC6250-RHD-XX-ON-M2-GS-0588				
Revision:	**Date:**	**Drawn:**	**Checked:**	**Size:**	**Scale:**
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Co-ordinate system: British National Grid

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List of Acronyms

Term	Definition
DCO	Development Consent Order
EA	Environment Agency
ECC	Export Cable Corridor
ESBI	Energy Storage and Balancing Infrastructure
IDB	Internation Drainage Boards
LWS	Local Wildlife Site
OCS	Onshore Converter Station
PEIR	Preliminary Environmental Impact Report
SSSI	Site of Special Scientific Interest