



Hornsea Project Four: Plans and Drawings

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Volume A4, 4.2: Crossing Schedule - Onshore

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Glossary

Term	Definition
Export cable corridor (ECC)	The specific corridor of seabed (seaward of Mean High Water Springs (MHWS)) and land (landward of MHWS) from the Hornsea Project Four array area to the Creyke Beck National Grid substation, within which the export cables will be located.
Haul Road	The track along the onshore ECC which the construction traffic would use to access work fronts.
Landfall	The generic term applied to the entire landfall area between Mean Low Water Spring (MLWS) tide and the Transition Joint Bay (TJB) inclusive of all construction works, including the offshore and onshore ECC, intertidal working area and landfall compound. Where the offshore cables come ashore east of Fraisthorpe.
Obstacle	Refers to any identified feature or object to be crossed by both the temporary and permanent working areas of Hornsea Four. Examples of Obstacles can be found under the term 'Type of Obstacle', in the Guide Sheet of this Crossing Schedule, but can broadly be described as, but are not limited to, railways or other transport systems, utilities (both underground and overhead), ecological areas or other obstacles identified through consultation with landowners and those with an interest in land.
Onshore substation (OnSS)	Comprises a compound containing the electrical components for transforming the power supplied from Hornsea Project Four to 400 kV and to adjust the power quality and power factor, as required to meet the UK Grid Code for supply to the National Grid. If a HVDC system is used the OnSS will also house equipment to convert the power from HVDC to HVAC.
Orsted Hornsea Project Four Ltd.	The Applicant for the proposed Hornsea Project Four Offshore Wind Farm Development Consent Order (DCO).
Trenchless Techniques	Also referred to as trenchless crossing techniques or trenchless methods. These techniques include HDD, thrust boring, auger boring, and pipe ramming, which allow ducts to be installed under an obstruction without breaking open the ground and digging a trench.

Units

Term	Definition
kV	kilovolt

Acronyms

Acronym	Definition
ACC	Access (Access track)
Co	Commitment
EA	Environment Agency
ECC	Export cable corridor (onshore export cable corridor)
EN	Environment
ERY	East Riding of Yorkshire
ERYC	East Riding of Yorkshire Council
HC	Haul road crossing
HDD	Horizontal Directional Drilling
ID	Identifier
IDB	Internal Drainage Board (Beverley and North Holderness)
LC	Logistics Compound
LDWR	Long Distance Walking Route
LF	Landfall
LLFA	Lead Local Flood Authority (ERYC)
LWS	Local Wildlife Site
No.	Number
OS	Ordnance Survey
PRoW	Public right of way
PW	Public right of way
RA	Railway
RO	Road
SS	Substation (Onshore substation)
SSSI	Site of Special Scientific Interest
UT	Utility
WA	Water

How to read the Hornsea Four Onshore Crossing Schedule

Headings in Crossing Schedule	Explanation of information within column
<p>Ørsted Crossing Identification No.</p>	<p>1. The crossing IDs are split according to the different elements of the onshore infrastructure. The permanent onshore infrastructure elements of Hornsea Four are identified as follows, and form the first part of the Crossing ID:</p> <p>(a) the landfall - crossings at the landfall begin with 'LF'; (b) the onshore export cable corridor (ECC) - crossings along the onshore ECC begin with 'ECC'; and (c) the onshore substation (OnSS) - crossings at the OnSS begin with 'SS'</p> <p>The temporary onshore infrastructure elements are identified as follows, and are identified in relation to the permanent infrastructure elements they are intended to serve:</p> <p>(a) Logistics Compound - where the crossing is identified in a logistics compound, 'LC' will follow the identifier for the element of the permanent infrastructure. For example. 'ECC_LC...' or 'SS_LC...'; and (b) Access track - where the crossing is identified on an access track, 'ACC' will follow the identifier for the element of the permanent infrastructure. For example. 'ECC_ACC...' or 'LF_ACC...'</p> <p>Logistics compound and access track crossings are numbered along with the cable crossings. Where a crossing is associated to either a Haul Road Crossing or a Highway Access Point, the associated Haul Road Crossing ID or Highway Access Point ID has been added to schedule for each associated point.</p> <p><i>N.B. The Crossing ID will only include a reference to 'Logistics Compound/ Access' (LC/ ACC) where applicable. If the ID does not include either of these markers, then it should be assumed that the crossing sits within the permanent footprint of the landfall, onshore ECC or OnSS.</i></p> <p>2. The second part of the crossing ID relates to the crossing categories:</p> <p>Roads (RO) – public, private, access tracks, bridges etc. Rail (RA) - railways Environment (EN) – hedgerows, habitats, trees, reed bed and other ecological areas etc. Water (WA) – rivers, streams, drains, ditches, ponds etc. Utility (UT) – pipelines, underground cables & overhead lines etc. Public Right of Ways (PW) – footpaths, bridleways, cycle paths etc</p> <p>3. The third part of the Crossing ID relates to number of the crossing which runs largely in numerical order from '001'. (The exceptions to these being crossing which were identified at a later stage, and therefore follow on from the last used number).</p> <p>This crossing identification numbering will be used by the Principal Contractor(s) during construction of Hornsea Four.</p>
<p>Type of Obstacle</p>	<p>Provides a more detailed description of the obstacle, moving on from 'WA'/'RO' categories used in the Crossing ID. The types of road should be listed. For example:</p> <p>Roads - are identified as A, B, classified, unclassified roads; Designated Rights of Way - as identified as bridleways, footpaths, cycleways; Watercourse - is used to cover all drains and rivers; Isolated waterbodies - are identified as ponds; Other areas of environmental value - are described as woodland, hedgerow, trees, reed beds; and Utilities - are described as cables (which are either 'Overhead lines (OHL)' or underground cables (UGC), or 'pipelines'.</p>

How to read the Hornsea Four Onshore Crossing Schedule

Headings in Crossing Schedule	Explanation of information within column
Obstacle Name	<p>Provides details of any name already assigned to the feature being crossed, e.g. name/ number of the road, footpath or cycle path number, river/ drain name, pond name, woodland name, SSSI name.</p> <p>N.B. If a crossing is not named then for example, the road or drain is called 'unnamed' road/drain.</p> <p>For crossings with 'Cable' as the 'Type of Obstacle' the 'Obstacle Name[s]' are categorised as the following:</p> <ol style="list-style-type: none"> 1) Underground Cable; 2) Overhead Line; 3) Pylon/Overhead Line; 4) Underground Telecommunications; 5) Overhead Telecommunications' 6) Pylon/Overhead Telecommunications; and 7) Track Electricity Cables.
Obstacle Description	<p>To describe further details about the obstacle e.g. SSSI, Semi Natural Broad Leaved Woodland, Species Poor Intact Hedgerow, Species Poor Defunct Hedgerow, Main River, Ordinary Watercourse. Drains refer to a watercourse that is used for land drainage and / or flood risk management.</p> <p>For cable crossings, further detail is provided in this column to explain specific types of cable crossings.</p>
Asset Owner/ Responsible Authority	<p>All known 'Asset owners' are listed here. For example: Utilities - Northern power grid, National Grid, Yorkshire Water Railway - Network Rail Hedgerows/ trees - Private, Unknown, Local Highways Authority Roads - Private, Local Highways Authority</p> <p>'Responsible Authorities' are used for Watercourses. The responsible authorities include the Environment Agency (EA) for Main Rivers, ERYC for Ordinary Watercourses not maintained by the IDB (as the LLFA) and the IDB for all IDB maintained drains.</p>
Obstacle Comments	<p>These comments are limited to general comments about the obstacle itself, and details about its features.</p>
Proposed Crossing Method	<p>Details the proposed crossing method, as follows:</p> <ol style="list-style-type: none"> 1. 'HDD/Open Cut with haul road'; 2. 'Open cut with haul road'; 3. 'HDD only' – here there is no proposed haul road; and 4. 'HDD with haul road' <p>Where the crossing identified is on an access track (ACC) or possibly logistics compound (LC), the proposed crossing method will state 'bridge/ culvert' where relevant. As such a form of bridge is anticipated to facilitate a haul road.'</p> <p>Where Microsite/Diversion is identified, the Hornsea Four onshore ECC will need to be microsited OR the affected utility / crossing will need to be diverted.</p> <p>The 'Horizontal Directional Drilling; Indicative area' shows the indicative HDD locations for onshore elements of Hornsea Four.</p>

How to read the Hornsea Four Onshore Crossing Schedule

Headings in Crossing Schedule	Explanation of information within column
Ørsted HDD Category	This refers to the type of MDS HDD rig to be used as each crossing. 1 = large (i.e. landfall) 2 = medium (i.e all HDDs along the route, apart from landfall)
Ørsted HDD ID	Each individual HDD has been given its own reference. Where multiple obstacles are being crossed using the same HDD they are grouped in reference to the same HDD ID.
Indicative Maximum HDD length	Indicates the indicative maximum length of a HDD, based on early estimations and past experience. Exact details are to be established prior to construction.
PRoW management	Where Hornsea Four crosses a footpath or bridleway by HDD or open cut, the PRoW may need a management measure (such as 'Divert', 'Manage' or 'Stop up'). Where permanent rights may be required, 'Permanent' is used as a prefix. i.e. 'Permanent Diversion' for the OnSS. It is noted that all PRoWs crossed by Hornsea Four may be stopped up temporarily.
Related Commitment (Co) Number	This column denotes any relevant Commitment number which relates to a crossing. E.g. Where the Applicant has made a commitment to using trenchless techniques, such as HDD to cross a certain type of obstacle, the corresponding commitment number will be listed here. For full details of the Commitments, please refer to Volume A4, Annex 5.2: Commitments Register .
Haul Road Crossing	Illustrates the Haul road crossing number where a haul road crossing is currently required across an obstacle, regardless of the 'Crossing technique.' i.e. open cut/ HDD. It is noted that Haul Road crossing numbers are not provided for every crossing affected by the Haul Road (such as smaller crossings along the onshore ECC) - additional crossings points may be established pre-construction.
Access Point	If there is a temporary or permanent access track with crossing points, those points will be associated to the corresponding access point in this field.
EP1HSRef	Includes the relevant reference from the Extended Phase 1 Habitat Survey (Volume A6, Annex 3.1 and 3.2).
Target Note Ref	Includes the relevant target note references from the Extended Phase 1 Habitat Survey (Volume A6, Annex 3.1 and 3.2).
Hedgerow Assessment	Includes the results of the Hedgerow Assessment, indicating whether a hedgerow is species poor, species rich, etc. as presented in Volume A6, Annex 3.14: Hedgerow and Arboricultural Survey Report .
Hedgerow importance	States whether a hedgerow is 'Important', as defined by the Hedgerows Regulations (1997), presented in Volume A6, Annex 3.14: Hedgerow and Arboricultural Survey Report .
Crossing Schedule Figure Sheet No.	States which of the Onshore Crossing Schedule Sheet numbers the respective crossings is shown on (sheets 1-28), as presented within this document.

X Coordinate	Y Coordinate	Orsted Crossing Identification No.	Type of Obstacle	Obstacle Name	Obstacle Description	Asset Owner / Responsible Authority	Obstacle Comments	Proposed Crossing Method	Orsted HDD Category	Orsted HDD ID	PRe/W management	Indicative Maximum HDD length	Related Co Number	Haul Road Crossing	Access Point	EP1HSRef	Target Note Ref	Hedgerow Assessment	Hedgerow Importance	Crossing Schedule Figure Sheet No.
516873	461051	LF_A4_PW_606	Footpath	England Coastal Path		Private / Natural England	Exact extent to be determined.	HDD/Open Cut with haul road	1	1	Temporary management	1500	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1
516920	461391	LF_A4_EN_582	Watercourse		Ordinary watercourse (LLFA)	Private / ERYC		HDD/Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Ditch_B01	TN4	n/a	n/a	1
516706	461130	LF_A4_EN_601	Hedgerow			Private		HDD/Open Cut with haul road	1	1	n/a	1500	n/a	n/a	n/a	Hedge_H001	TN2	Species poor hedgerow with trees	Not important	1
516343	461173	ECC_EN_473	Hedgerow			Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	AP_002	Hedge_H002	TN5	Species poor defunct hedgerow	Not important	1
516343	461176	ECC_RO_472	Track	Unnamed		Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	AP_002	n/a	n/a	n/a	n/a	1
516612	460882	ECC_WA_600	Watercourse		Ordinary watercourse (LLFA)	Private / ERYC	Drain at edge of field; Dry ditch.	HDD/Open Cut with haul road	1	1	n/a	1500	n/a	n/a	n/a	Ditch_B03	TN397	n/a	n/a	1
516569	460900	LF_PW_005	Footpath	Barmston Footpath No.4	Commences at the outlet of Earl's Dike and runs parallel to the south of Earl's Dike in a westerly direction for about 400 m and then in a generally southerly direction to Occupation Road in Barmston village.	East Riding of Yorkshire Council	Proposed diversion via England Coastal Path.	HDD/Open Cut with haul road	1	1	Temporarily Stop Up	1500	Co187	n/a	n/a	n/a	n/a	n/a	n/a	1
516567	460876	LF_A4_WA_006	Watercourse		Ordinary watercourse (LLFA)	Private / ERYC	Drain at edge of field; Standing water.	HDD/Open Cut with bridge/culvert	1	1	n/a	1500	Co187	n/a	n/a	Ditch_B02	TN3	n/a	n/a	1
516257	460914	ECC_EN_498	Hedgerow			Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Hedge_H003	TN7	Species poor defunct hedgerow	Not important	1
515995	460823	ECC_WA_007	Watercourse		Ordinary watercourse (LLFA)	Private / ERYC	Drain at edge of field; Standing water.	HDD/Open Cut with haul road	2	2	n/a	125	n/a	HC_003	n/a	Ditch_B04	TN9	n/a	n/a	1
516022	460823	ECC_EN_008	Hedgerow			Private		HDD/Open Cut with haul road	2	2	n/a	125	n/a	HC_003	n/a	Hedge_H156	TN8	Species poor intact hedgerow	Not important	1
515992	460817	ECC_WA_009	Watercourse		Ordinary watercourse (LLFA)	Private / ERYC	Drain at edge of field; Standing water.	HDD/Open Cut with haul road	2	2	n/a	125	n/a	HC_003	n/a	Ditch_B04	TN9	n/a	n/a	1
515897	461104	LF_ACC_WA_529	Watercourse		Ordinary watercourse (LLFA)	Private / ERYC	Standing water	Bridge/culvert	n/a	n/a	n/a	n/a	n/a	n/a	AP_002	Ditch_B04	TN9	n/a	n/a	1
515839	460677	ECC_WA_416	Watercourse		Ordinary watercourse (LLFA)	Private / ERYC	Drain at edge of field; Standing water.	HDD/Open Cut with bridge/culvert	2	3	n/a	95	n/a	HC_004	n/a	Ditch_B04	TN9	n/a	n/a	1
515785	460672	ECC_UT_011	Cable		Overhead Line	Northern Powergrid - (Yorkshire)	High Voltage [11kV]	Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	HC_004	n/a	n/a	n/a	n/a	n/a	1
515687	460962	LF_ACC_UT_611	Cable		Overhead Line	Northern Powergrid - (Yorkshire)	High Voltage [11kV]	n/a	n/a	n/a	n/a	n/a	n/a	n/a	AP_002	n/a	n/a	n/a	n/a	1
515674	460516	ECC_PW_012	Footpath	Barmston Footpath No. 3	Commences at the Fraisthorpe road 80 m west of the junction and leads in a southerly direction to the junction with Barmston main street at a point opposite the Rectory.	East Riding of Yorkshire Council		Open Cut with haul road	n/a	n/a	Temporarily Stop Up	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	2
515664	460177	ECC_EN_562	Hedgerow			Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Hedge_H005	TN12	Species poor defunct hedgerow	Not important	2
515684	460177	ECC_WA_013	Watercourse		Ordinary watercourse (LLFA)	Private	Drain at edge of field; Standing water.	Open Cut with bridge/culvert	n/a	n/a	n/a	n/a	n/a	HC_068	n/a	Ditch_B05	TN11	n/a	n/a	2
515732	460058	ECC_PW_014	Footpath	Barmston Footpath No. 2	Commences at the Bridlington Road, A165 at Quintin Garth and leads in a south easterly direction to junction with footpath No. 3.	East Riding of Yorkshire Council		Open Cut with haul road	n/a	n/a	Temporarily Stop Up	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	2
515305	459585	ECC_EN_017	Hedgerow			Local Highway Authority / Private	Natural border between landowners	HDD/Open Cut	2	4	n/a	106	n/a	n/a	AP_003; AP_040	Hedge_H006	TN13	Species poor intact hedgerow	Not important	3
515299	459578	ECC_RO_018	Road	A165/Bridlington Road	A Road	Local Highway Authority		HDD only	2	4	n/a	106	Co1	n/a	AP_003	n/a	n/a	n/a	n/a	3
515296	459572	ECC_UT_019	Pipeline		Water	Yorkshire Water		HDD only	2	4	n/a	106	n/a	n/a	AP_040	n/a	n/a	n/a	n/a	3
515294	459569	ECC_UT_020	Cable		Overhead Telecommunications	Openreach - (British Telecommunications)		HDD only	2	4	n/a	106	n/a	n/a	AP_040	n/a	n/a	n/a	n/a	3
515292	459565	ECC_EN_021	Hedgerow			Local Highway Authority / Private	Natural border between landowners	HDD/Open Cut	2	4	n/a	106	n/a	n/a	AP_040	Hedge_H007	TN14	Species poor intact hedgerow	Not important	3
515312	459490	ECC_LC_UT_022	Cable		Underground Telecommunications	Openreach - (British Telecommunications)		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	3
514940	459320	ECC_EN_023	Hedgerow			Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	HC_006	n/a	Hedge_H008	TN16	Species poor defunct hedgerow	Not important	3
514941	459314	ECC_WA_561	Watercourse			Private	Drain at edge of field; Dry ditch.	Open Cut with bridge/culvert	n/a	n/a	n/a	n/a	n/a	HC_006	n/a	Ditch_B89	TN413	n/a	n/a	3
514668	458993	ECC_EN_024	Hedgerow			Private		HDD/Open Cut with haul road	2	5	n/a	95	n/a	HC_007	n/a	Hedge_H009	TN17	Species poor defunct hedgerow, large gaps	Important	3
514679	458980	ECC_WA_025	Watercourse	Gransmoor Drain	Ordinary watercourse (IDB maintained)	Beverley and North Holderness IDB	Standing water	HDD with bridge/culvert	2	5	n/a	95	Co1	HC_007	n/a	Ditch_B06	TN424	n/a	n/a	3
514681	458793	ECC_WA_026	Watercourse		Ordinary watercourse (LLFA)	Private / ERYC	Drain at edge of field; Dry ditch.	Open Cut with bridge/culvert	n/a	n/a	n/a	n/a	n/a	HC_008	n/a	Ditch_B79	TN405	n/a	n/a	3
514544	458673	ECC_EN_027	Hedgerow			Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Hedge_H010	TN18	Species poor defunct hedgerow	Not important	3
514216	458521	ECC_EN_028	Hedgerow			Local Highway Authority / Private	Natural border between landowners	HDD/Open Cut with haul road	2	7	n/a	101	n/a	HC_009	n/a	Hedge_H011	TN19	Species poor intact hedgerow	Not important	3
514217	458521	ECC_UT_029	Pipeline		Water	Yorkshire Water		HDD with haul road	2	7	n/a	101	n/a	HC_009	n/a	n/a	n/a	n/a	n/a	3
514215	458521	ECC_UT_030	Cable		Overhead Telecommunications	Openreach - (British Telecommunications)		HDD with haul road	2	7	n/a	101	n/a	HC_009	n/a	n/a	n/a	n/a	n/a	3
514202	458520	ECC_EN_031	Hedgerow			Local Highway Authority / Private	Natural border between landowners	HDD/Open Cut with haul road	2	7	n/a	101	n/a	HC_009	n/a	Hedge_H012	TN20	Species poor intact hedgerow	Not important	3
514209	458519	ECC_RO_032	Road	Gransmoor Road	Classified Unnumbered	Local Highway Authority		HDD with haul road	2	7	n/a	101	Co1	HC_009	n/a	n/a	n/a	n/a	n/a	3
514208	458518	ECC_UT_033	Pipeline		Water	Yorkshire Water		HDD with haul road	2	7	n/a	101	n/a	HC_009	n/a	n/a	n/a	n/a	n/a	3
514205	458517	ECC_UT_034	Pipeline		Water	Yorkshire Water		HDD with haul road	2	7	n/a	101	n/a	HC_009	n/a	n/a	n/a	n/a	n/a	3
514120	458475	ECC_UT_035	Cable		Overhead Line	Northern Powergrid - (Yorkshire)	High Voltage [11kV]	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	3
513869	458304	ECC_EN_037	Hedgerow			Private		HDD/Open Cut with haul road	2	8	n/a	86	n/a	HC_010	n/a	Hedge_H013	TN21	Native species rich hedgerow	Not important	4
513869	458309	ECC_RO_036	Track	Unnamed		Private	Landowner has requested unrestricted access during construction. - To be HDD'd together	HDD/Open Cut with haul road	2	8	n/a	86	n/a	HC_010	n/a	n/a	n/a	n/a	n/a	4
513794	457683	ECC_EN_038	Hedgerow			Private		HDD/Open Cut with haul road	2	9	n/a	86	n/a	HC_011	n/a	Hedge_H016	TN24	Native species rich hedgerow	Not important	4
513798	457687	ECC_RO_417	Track	Unnamed	Private Access Road	Private	Private track by Lissett Airfield Wind Farm	HDD/Open Cut with haul road	2	9	n/a	86	n/a	HC_011	n/a	n/a	n/a	n/a	n/a	4
513720	457489	ECC_RO_042	Track	Unnamed		Private	Landowner has requested unrestricted access during construction.	HDD/Open Cut with haul road	2	10	n/a	96	n/a	HC_012	n/a	n/a	n/a	n/a	n/a	4
513721	457494	ECC_UT_039	Cable		Underground Cable	Northern Powergrid - (Yorkshire)		HDD/Open Cut with haul road	2	10	n/a	96	n/a	HC_012	n/a	n/a	n/a	n/a	n/a	4
513721	457494	ECC_UT_040	Cable		Underground Cable	Northern Powergrid - (Yorkshire)		HDD/Open Cut with haul road	2	10	n/a	96	n/a	HC_012	n/a	n/a	n/a	n/a	n/a	4
513721	457494	ECC_UT_041	Cable		Underground Cable	Northern Powergrid - (Yorkshire)		HDD/Open Cut with haul road	2	10	n/a	96	n/a	HC_012	n/a	n/a	n/a	n/a	n/a	4
513680	457385	ECC_UT_044	Pipeline	FM06 - Burton Agnes to Paul	750mm Diameter Gas	Cadent Gas (Above 7 bar and 2 bar) and National Grid Electricity Transmission		HDD with haul road	2	11	n/a	186	n/a	n/a	n/a	n/a	n/a	n/a	n/a	4
513645	457295	ECC_RO_046	Road	Unnamed		Private		HDD with haul road	2	11	n/a	186	Co1	HC_013	n/a	n/a	n/a	n/a	n/a	4
513644	457292	ECC_UT_047	Cable		Overhead Telecommunications	Openreach - (British Telecommunications)		HDD with haul road	2	11	n/a	186	n/a	HC_013	n/a	n/a	n/a	n/a	n/a	4
513750	457191	ECC_ACC_EN_594	Hedgerow			Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	AP_004	n/a	n/a	n/a	n/a	n/a	5
513748	457183	ECC_ACC_UT_418	Cable		Underground Telecommunications	Openreach - (British Telecommunications)		n/a	n/a	n/a	n/a	n/a	n/a	AP_004	n/a	n/a	n/a	n/a	n/a	5
513754	457177	ECC_ACC_UT_419	Cable		Underground Telecommunications	Openreach - (British Telecommunications)		n/a	n/a	n/a	n/a	n/a	n/a	AP_004	n/a	n/a	n/a	n/a	n/a	5
513416	456955	ECC_EN_049	Trees			Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	TN25	n/a	n/a	5
513393	456974	ECC_EN_048	Hedgerow			Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Hedge_H017	TN25	Species poor hedgerow with trees	Not important	5
513201	456821	ECC_WA_050	Watercourse	Barmston Drain	Ordinary watercourse (IDB maintained)	Beverley and North Holderness IDB	Standing water	HDD with bridge/culvert	2	12	n/a	95	Co1	HC_014	n/a	Ditch_B08	TN34	n/a	n/a	5
512743	456662	ECC_EN_052	Hedgerow			Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Hedge_H018	TN382	Species poor intact hedgerow	Important	5
512740	456672	ECC_WA_420	Watercourse		Ordinary watercourse (LLFA)	Private / ERYC	Drain at edge of field; Dry ditch.	Open Cut with bridge/culvert	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Ditch_B85	TN411	n/a	n/a	5
512004	456486	ECC_WA_053	Watercourse		Ordinary watercourse (LLFA)	Private / ERYC	Drain at edge of field; Dry ditch.	HDD/Open Cut with bridge/culvert	2	13	n/a	95	n/a	HC_015	n/a	Ditch_B88	TN30	n/a	n/a	6
512001	456486	ECC_EN_054	Hedgerow			Private	Natural border between landowners	HDD/Open Cut with haul road	2	13	n/a	95	n/a	HC_015	n/a	Hedge_H019	TN30	Native species rich hedgerow	Important	6
511736	456585	ECC_WA_056	Watercourse	Barmston Drain	Ordinary watercourse (IDB maintained)	Beverley and North Holderness IDB	Standing water	HDD with bridge/culvert	2	14	n/a	115	Co1	HC_016	n/a	Ditch_B08	TN34	n/a	n/a	6
511638	456595	ECC_EN_057	Hedgerow			Local Highway Authority / Private	Natural border between landowners	HDD/Open Cut with haul road	2	15	n/a	105	n/a	HC_060	n/a	Hedge_H020	TN36	Species poor intact hedgerow	Not important	6
511635																				

X Coordinate	Y Coordinate	Orsted Crossing Identification No.	Type of Obstacle	Obstacle Name	Obstacle Description	Asset Owner / Responsible Authority	Obstacle Comments	Proposed Crossing Method	Orsted HDD Category	Orsted HDD ID	PBoW management	Indicative Maximum HDD length	Related Co Number	Haul Road Crossing	Access Point	EP1HSR of	Target Note Ref	Hedgerow Assessment	Hedgerow Importance	Crossing Schedule Figure Sheet No.	
511314	456450	ECC_EN_066	Hedgerow			Private		HDD only	2	16	n/a	230	n/a	n/a	n/a	Hedge_H024	TN49	Species poor hedgerow with trees	Not important	6	
511056	456342	ECC_UT_067	Pipeline		Water	Yorkshire Water		HDD/Open Cut with haul road	2	17	n/a	86	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	6
511065	456346	ECC_UT_068	Pipeline		Gas	Northern Gas Networks	High Pressure	HDD/Open Cut with haul road	2	17	n/a	86	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	6
510835	456280	ECC_EN_069	Hedgerow			Local Highway Authority / Private	Natural border between landowners	HDD/Open Cut with haul road	2	18	n/a	101	n/a	HC_017	AP_005	Hedge_H025	TN51	Species poor hedgerow with trees	Not important	7	
510827	456280	ECC_RO_071	Road	Old Howe Lane	Classified Unnumbered	Unknown		HDD with haul road	2	18	n/a	101	Co1	HC_017	AP_005, AP_039	n/a	n/a	n/a	n/a	n/a	7
510827	456280	ECC_UT_070	Pipeline		Water	Yorkshire Water		HDD with haul road	2	18	n/a	101	n/a	HC_017	AP_005	n/a	n/a	n/a	n/a	n/a	7
510818	456282	ECC_EN_073	Hedgerow			Local Highway Authority / Private	Natural border between landowners	HDD/Open Cut with haul road	2	18	n/a	101	n/a	HC_017	AP_039	Bnd_B001	TN52	Boundary removed	Not important	7	
510820	456280	ECC_UT_072	Cable		Overhead Telecommunications	Openreach - (British Telecommunications)		HDD/Open Cut with haul road	2	18	n/a	101	n/a	HC_017	AP_039	n/a	n/a	n/a	n/a	n/a	7
510633	456274	ECC_WA_074	Watercourse		Ordinary watercourse (ILFA)	Private / ERYC	Drain at edge of field; Dry ditch.	Open Cut with bridge/culvert	n/a	n/a	n/a	n/a	n/a	HC_018	n/a	Ditch_B86	TN383	n/a	n/a	n/a	7
510524	456271	ECC_UT_075	Cable		Overhead Line	Northern Powergrid - (Yorkshire)	High Voltage [11kV]	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	7
510428	456318	ECC_EN_076	Hedgerow			Local Highway Authority / Private	Natural border between landowners	HDD/Open Cut with haul road	2	19	n/a	101	n/a	HC_019	n/a	Hedge_H153	TN53	Species poor intact hedgerow	Not important	7	
510412	456305	ECC_RO_087	Road	Unnamed	Classified Unnumbered	Unknown		HDD with haul road	2	19	n/a	101	Co1	HC_019	n/a	n/a	n/a	n/a	n/a	n/a	7
510419	456320	ECC_UT_077	Cable		Overhead Telecommunications	Openreach - (British Telecommunications)		HDD with haul road	2	19	n/a	101	n/a	HC_019	n/a	n/a	n/a	n/a	n/a	n/a	7
510414	456304	ECC_UT_078	Cable		Underground Cable	Northern Powergrid - (Yorkshire)		HDD with haul road	2	19	n/a	101	n/a	HC_019	n/a	n/a	n/a	n/a	n/a	n/a	7
510413	456304	ECC_UT_079	Cable		Underground Cable	Northern Powergrid - (Yorkshire)		HDD with haul road	2	19	n/a	101	n/a	HC_019	n/a	n/a	n/a	n/a	n/a	n/a	7
510413	456304	ECC_UT_080	Cable		Underground Cable	Northern Powergrid - (Yorkshire)		HDD with haul road	2	19	n/a	101	n/a	HC_019	n/a	n/a	n/a	n/a	n/a	n/a	7
510415	456303	ECC_UT_081	Pipeline		Water	Yorkshire Water		HDD with haul road	2	19	n/a	101	n/a	HC_019	n/a	n/a	n/a	n/a	n/a	n/a	7
510414	456304	ECC_UT_086	Cable		Overhead Telecommunications	Openreach - (British Telecommunications)		HDD with haul road	2	19	n/a	101	n/a	HC_019	n/a	n/a	n/a	n/a	n/a	n/a	7
510403	456307	ECC_EN_091	Hedgerow			Local Highway Authority / Private	Natural border between landowners	HDD/Open Cut with haul road	2	19	n/a	101	n/a	HC_019	n/a	Hedge_H027	TN53	Species poor intact hedgerow	Not important	7	
510406	456306	ECC_UT_088	Cable		Underground Cable	Northern Powergrid - (Yorkshire)	Low Voltage Mains	HDD with haul road	2	19	n/a	101	n/a	HC_019	n/a	n/a	n/a	n/a	n/a	n/a	7
510280	456334	ECC_EN_092	Hedgerow			Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Hedge_H028	TN55	Species poor intact hedgerow	Not important	7	
509718	456018	ECC_WA_093	Watercourse		Ordinary watercourse (ILFA)	Private / ERYC	Drain at edge of field; Dry ditch.	Open Cut with bridge/culvert	n/a	n/a	n/a	n/a	n/a	HC_020	n/a	Ditch_B09	TN59	n/a	n/a	n/a	7
509563	455878	ECC_EN_560	Hedgerow			Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Hedge_H030	TN62	Species poor intact hedgerow	Not important	7	
509563	455883	ECC_PW_094	Footpath	Foston on the Wolds Footpath No.12		East Riding of Yorkshire Council		Open Cut with haul road	n/a	n/a	Temporarily Stop Up	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	7
509563	455879	ECC_WA_559	Watercourse			Private		Open Cut with bridge/culvert	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Ditch_B10	TN63	n/a	n/a	n/a	7
509405	455730	ECC_EN_095	Hedgerow			Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Hedge_H031	TN65	Species poor intact hedgerow	Not important	7	
509113	455488	ECC_EN_096	Trees			Private		HDD only	2	20	n/a	98.5	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	8
509124	455463	ECC_EN_423	Hedgerow	Unnamed	Common Reed bed either side of the River Hull Headwaters	Environment Agency	Reed bed on eastern side of River Hull Headwaters (SSSI)	HDD only	2	20	n/a	98.5	n/a	n/a	n/a	Hedge_H032	TN67	Species poor defunct hedgerow	Not important	8	
509120	455462	ECC_WA_097	Watercourse	River Hull Headwaters (SSSI) Foston Beck	Main River (EA)	Environment Agency	Running water	HDD only	2	20	n/a	98.5	Co1	n/a	n/a	Ditch_B11	TN66	n/a	n/a	n/a	8
509112	455460	ECC_PW_099	Footpath	Foston on the Wolds Footpath No. 12		East Riding of Yorkshire Council	HDD with River Hull Headwaters SSSI (EA Main River)	HDD only	2	20	Temporarily Stop Up	98.5	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	8
508987	455427	ECC_UT_100	Cable		Overhead Line	Northern Powergrid - (Yorkshire)	High Voltage [11kV]	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	8
509000	455402	ECC_UT_476	Cable		Pylon/Overhead Line	Northern Powergrid - (Yorkshire)	High Voltage [11kV]	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	8
509093	454935	ECC_ACC_EN_109	Hedgerow			Local Highway Authority / Private	Natural border between landowners	Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	AP_006	n/a	n/a	n/a	n/a	n/a	8
508936	455413	ECC_EN_101	Hedgerow			Private		HDD with haul road	2	21	n/a	144	n/a	n/a	n/a	Hedge_H033	TN74	Species poor hedgerow with trees	Not important	8	
508943	455397	ECC_EN_579	Tree			Private	Veteran Tree	HDD/Microsite/Diversion	2	21	n/a	n/a	Co27	n/a	n/a	n/a	TN73	n/a	n/a	n/a	8
509099	454934	ECC_ACC_UT_425	Cable		Underground Telecommunications	Openreach - (British Telecommunications)	Underground cable also runs along the temporary access track	n/a	n/a	n/a	n/a	n/a	n/a	n/a	AP_006	n/a	n/a	n/a	n/a	n/a	8
509023	455052	ECC_ACC_UT_426	Cable		Overhead Line	Northern Powergrid - (Yorkshire)	High Voltage [11kV]	n/a	n/a	n/a	n/a	n/a	n/a	n/a	AP_006	n/a	n/a	n/a	n/a	n/a	8
508978	455247	ECC_ACC_UT_427	Cable		Overhead Line	Northern Powergrid - (Yorkshire)	High Voltage [11kV]	n/a	n/a	n/a	n/a	n/a	n/a	n/a	AP_006	n/a	n/a	n/a	n/a	n/a	8
509101	454930	ECC_ACC_UT_608	Cable		Underground Cable	Northern Powergrid - (Yorkshire)	High Voltage [33kV]	n/a	n/a	n/a	n/a	n/a	n/a	n/a	AP_006	n/a	n/a	n/a	n/a	n/a	8
509103	454931	ECC_ACC_UT_609	Pipeline		Water	Yorkshire Water		n/a	n/a	n/a	n/a	n/a	n/a	n/a	AP_006	n/a	n/a	n/a	n/a	n/a	8
508931	455412	ECC_RO_102	Track	Unnamed	Access track to Carr House Farm	Private	Landowner requested unrestricted access. To be HDD'd together	HDD with haul road	2	21	n/a	144	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	8
508926	455411	ECC_UT_103	Cable		Underground Telecommunications	Openreach - (British Telecommunications)		HDD with haul road	2	21	n/a	144	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	8
508617	455329	ECC_EN_104	Hedgerow			Private		HDD/Open Cut with haul road	2	22	n/a	95	n/a	HC_022	n/a	Hedge_H034	TN79	Species poor defunct hedgerow	Not important	8	
508613	455328	ECC_WA_106	Watercourse	White Dike	Main River (EA)	Environment Agency	Standing water	HDD with bridge (Bailey Bridge / Clear Span)	2	22	n/a	95	Co1, Co127	HC_022	n/a	Ditch_B14	TN78	n/a	n/a	n/a	8
508459	455195	ECC_UT_477	Cable		Pylon/Overhead Line	Northern Powergrid - (Yorkshire)	High Voltage [11kV]	Microsite/Diversion	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	8
508374	455180	ECC_EN_563	Hedgerow			Private		HDD with haul road	2	23	n/a	95	n/a	HC_023	n/a	Hedge_H035	TN80	Species poor defunct hedgerow	Not important	8	
508369	455180	ECC_EN_564	Hedgerow			Private		HDD with haul road	2	23	n/a	95	n/a	HC_023	n/a	Hedge_H036	TN81	Species poor defunct hedgerow	Not important	8	
508369	455188	ECC_UT_107	Cable		Overhead Line	Northern Powergrid - (Yorkshire)	High Voltage [11kV]	n/a	n/a	n/a	n/a	n/a	n/a	HC_023	n/a	n/a	n/a	n/a	n/a	n/a	8
508355	455186	ECC_UT_478	Cable		Pylon/Overhead Line	Northern Powergrid - (Yorkshire)	High Voltage [11kV]	HDD/Microsite/Diversion	2	23	n/a	95	n/a	HC_023	n/a	n/a	n/a	n/a	n/a	n/a	8
508365	455184	ECC_WA_108	Watercourse	Nafferton Drain	Ordinary watercourse (IDB maintained)	Beverley and North Holderness IDB	Standing water	HDD with bridge/culvert	2	23	n/a	95	Co1	HC_023	n/a	Ditch_B15	TN83	n/a	n/a	n/a	8
508368	455186	ECC_WA_602	Watercourse		Drain	Private / ERYC	Drain at edge of field; Dry ditch.	HDD with haul road	2	23	n/a	95	n/a	HC_023	n/a	Ditch_B80	TN406	n/a	n/a	n/a	8
508034	454984	ECC_ACC_EN_520	Hedgerow			Local Highway Authority / Unknown	Natural border between landowners	Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	AP_007	Hedge_H154	n/a	Species poor intact hedgerow	Not important	9	
508029	454980	ECC_ACC_UT_521	Cable		Underground Cable	Northern Powergrid - (Yorkshire)	High Voltage [33kV]	n/a	n/a	n/a	n/a	n/a	n/a	n/a	AP_007	n/a	n/a	n/a	n/a	n/a	9
508029	454980	ECC_ACC_UT_522	Cable		Underground Cable	Northern Powergrid - (Yorkshire)	High Voltage [33kV]	n/a	n/a	n/a	n/a	n/a	n/a	n/a	AP_007	n/a	n/a	n/a	n/a	n/a	9
508029	454980	ECC_ACC_UT_523	Cable		Underground Cable	Northern Powergrid - (Yorkshire)	High Voltage [33kV]	n/a	n/a	n/a	n/a	n/a	n/a	n/a	AP_007	n/a	n/a	n/a	n/a	n/a	9
508097	454913	ECC_EN_110	Hedgerow			Local Highway Authority / Unknown	Natural border between landowners	HDD only	2	24	n/a	106	n/a	n/a	n/a	Hedge_H154	n/a	Species poor intact hedgerow	Not important	9	
508090	454909	ECC_UT_111	Cable		Underground Cable	Northern Powergrid - (Yorkshire)	High Voltage [33kV]	HDD only	2	24	n/a	106	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	9
508090	454909	ECC_UT_112	Cable		Underground Cable	Northern Powergrid - (Yorkshire)	High Voltage [33kV]	HDD only	2	24	n/a	106	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	9
508090	454909	ECC_UT_113	Cable		Underground Cable	Northern Powergrid - (Yorkshire)	High Voltage [33kV]	HDD only	2	24	n/a	106	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	9
508031	454981	ECC_ACC_UT_528	Pipeline		Water	Yorkshire Water		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	9
508086	454906	ECC_RO_119	Road	B1249	B Road	Local Highway Authority		HDD only	2	24	n/a	106	Co1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	9
508091	454910	ECC_UT_118	Pipeline		Water	Yorkshire Water		HDD only	2	24	n/a	106	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	9
508080	454903	ECC_EN_120	Hedgerow			Local Highway Authority / Unknown	Natural border between landowners	HDD only	2	24	n/a										

X Coordinate	Y Coordinate	Orsted Crossing Identification No.	Type of Obstacle	Obstacle Name	Obstacle Description	Asset Owner / Responsible Authority	Obstacle Comments	Proposed Crossing Method	Orsted HDD Category	Orsted HDD ID	PReW management	Indicative Maximum HDD Length	Related Co Number	Haul Road Crossing	Access Point	EP1HSR of	Target Note Ref	Hedgerow Assessment	Hedgerow Importance	Crossing Schedule Figure Sheet No.
506306	451934	ECC_RO_144	Road	Rotsea Lane	Unclassified	Unknown		HDD only	2	28	n/a	96	Co1	n/a	n/a	n/a	n/a	n/a	n/a	11
506269	451997	ECC_ACC_EN_586	Hedgerow			Local Highway Authority / Private	Natural border between landowners	Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	AP_038	Hedge_H046	TN113	Species poor defunct hedgerow	Not important	11
506266	452006	ECC_ACC_UT_500	Cable		Underground Telecommunications	Openreach - [British Telecommunications]		n/a	n/a	n/a	n/a	n/a	n/a	HC_027	AP_038	n/a	n/a	n/a	n/a	11
506299	451930	ECC_EN_146	Hedgerow			Local Highway Authority / Private	Natural border between landowners	HDD only	2	28	n/a	96	n/a	n/a	n/a	Hedge_H046	TN113	Species poor defunct hedgerow	Not important	11
506302	451932	ECC_UT_145	Cable		Underground Telecommunications	Openreach - [British Telecommunications]		HDD only	2	28	n/a	96	n/a	n/a	n/a	n/a	n/a	n/a	n/a	11
506245	451988	ECC_ACC_WA_499	Watercourse		Drain	Private	Drain at edge of field; Dry ditch.	Bridge/Culvert	n/a	n/a	n/a	n/a	n/a	HC_027	AP_038	Ditch_B23	TN112	n/a	n/a	11
505991	451612	ECC_EN_149	Hedgerow			Private		HDD/Open Cut with haul road	2	29	n/a	140.5	n/a	HC_028	n/a	Hedge_H047	TN116	Native species rich hedgerow	Not important	11
505990	451616	ECC_WA_147	Watercourse	Rotsea Drain	Ordinary watercourse (IDB maintained)	Beverley and North Holderness IDB	Running water	HDD with bridge/culvert	2	29	n/a	140.5	Co1	HC_028	n/a	Ditch_B24	TN115	n/a	n/a	11
505973	451550	ECC_PW_150	Footpath	Hutton Crowswick Footpath No. 10		East Riding of Yorkshire Council	HDD with Rotsea Drain (IDB Maintained Drain)	HDD/Open Cut with haul road	2	29	Temporarily Stop Up	140.5	n/a	HC_028	n/a	n/a	n/a	n/a	n/a	11
505683	450828	ECC_EN_151	Hedgerow			Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Hedge_H048	TN120	Native species rich hedgerow	Not important	12
505582	450633	ECC_EN_557	Hedgerow			Private		HDD/Open Cut with haul road	2	30	n/a	95	n/a	HC_029	n/a	Hedge_H049	TN123	Species poor defunct hedgerow	Not important	12
505580	450629	ECC_WA_152	Watercourse	Scurf Dike	Main River (EA)	Environment Agency	Running water	HDD with bridge (Bailey Bridge / Clear Span)	2	30	n/a	95	Co1, Co127	HC_029	n/a	Ditch_B26	TN122	n/a	n/a	12
505576	450616	ECC_PW_153	Footpath	Wotton Footpath No. 18		East Riding of Yorkshire Council	HDD with Scurf Dike (EA Main River)	HDD/Open Cut with haul road	2	30	Temporarily Stop Up	95	n/a	HC_029	n/a	n/a	n/a	n/a	n/a	12
505475	450258	ECC_UT_154	Cable		Overhead Line	Northern Powergrid - (Yorkshire)	Extra High Voltage [132kV]	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	13
505401	450016	ECC_EN_565	Hedgerow			Private	Natural border between landowners	Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Hedge_H051	TN126	Species poor defunct hedgerow	Not important	13
505214	449802	ECC_UT_155	Cable		Overhead Line	Northern Powergrid - (Yorkshire)	High Voltage [11kV]	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	13
505135	449748	ECC_EN_157	Hedgerow			Private	Natural border between landowners	HDD/Open Cut with haul road	2	31	n/a	105	n/a	HC_030	n/a	Hedge_H052	TN417	Species poor defunct hedgerow	Not important	13
505125	449751	ECC_UT_158	Cable		Overhead Telecommunications	Openreach - [British Telecommunications]		HDD with haul road	2	31	n/a	105	n/a	HC_030	n/a	n/a	n/a	n/a	n/a	13
505136	449749	ECC_WA_156	Watercourse		Ordinary watercourse (LLFA)	Private / ERYC	Drain at edge of field; Standing water.	HDD with bridge/culvert	2	31	n/a	105	n/a	HC_030	n/a	Ditch_B27	TN127	n/a	n/a	13
505130	449745	ECC_RO_159	Road	Unnamed	Unclassified	Local Highway Authority		HDD with haul road	2	31	n/a	105	Co1	HC_030	n/a	n/a	n/a	n/a	n/a	13
505125	449781	ECC_UT_482	Cable		Pylon/Overhead Telecommunications	Openreach - [British Telecommunications]		Microsite/Diversion	n/a	n/a	n/a	n/a	n/a	HC_030	n/a	n/a	n/a	n/a	n/a	13
505127	449727	ECC_UT_483	Cable		Pylon/Overhead Telecommunications	Openreach - [British Telecommunications]		Microsite/Diversion	n/a	n/a	n/a	n/a	n/a	HC_030	n/a	n/a	n/a	n/a	n/a	13
505122	449740	ECC_EN_160	Hedgerow			Private	Natural border between landowners	HDD/Open Cut with haul road	2	31	n/a	105	n/a	HC_030	n/a	Hedge_H053	TN128	Species poor intact hedgerow	Not important	13
504909	449619	ECC_WA_161	Watercourse		Ordinary watercourse (LLFA)	Private / ERYC	Drain at edge of field; Standing water.	HDD/Open Cut with bridge/culvert	2	32	n/a	95	n/a	HC_031	n/a	Ditch_B29	TN130	n/a	n/a	13
504867	449557	ECC_EN_163	Tree			Private		HDD/Open Cut with haul road	2	33	n/a	110	n/a	HC_032	n/a	n/a	n/a	n/a	n/a	13
504821	449552	ECC_WA_164	Watercourse	Kirby Drain	Ordinary watercourse (IDB maintained)	Beverley and North Holderness IDB	Standing water	HDD with bridge/culvert	2	33	n/a	110	Co1	HC_032	n/a	Ditch_B30	TN131	n/a	n/a	13
504810	449543	ECC_PW_165	Bridleway	Wotton Bridleway No. 13		East Riding of Yorkshire Council	HDD with Kirby Drain (IDB Maintained Drain)	HDD/Open Cut with haul road	2	33	Temporarily Stop Up	110	n/a	HC_032	n/a	n/a	n/a	n/a	n/a	13
504515	448956	ECC_RO_169	Road	Carr Lane	Unclassified	Organic Chicken Farm		HDD with haul road	2	34	n/a	305	Co1	HC_033	AP_011; AP_037	n/a	n/a	n/a	n/a	14
504516	448961	ECC_UT_166	Cable		Underground Telecommunications	Openreach - [British Telecommunications]	Organic Chicken Farm	HDD with haul road	2	34	n/a	305	n/a	HC_033	AP_011	n/a	n/a	n/a	n/a	14
504516	448959	ECC_UT_168	Cable		Underground Telecommunications	Openreach - [British Telecommunications]	Organic Chicken Farm	HDD with haul road	2	34	n/a	305	n/a	HC_033	AP_011	n/a	n/a	n/a	n/a	14
504515	448952	ECC_EN_170	Hedgerow			Local Highway Authority / Private	Natural border between landowners, Chicken Farm	HDD/Open Cut with haul road	2	34	n/a	305	n/a	HC_033	AP_037	Hedge_H054	TN134	Species poor defunct hedgerow	Not important	14
504542	448943	ECC_EN_172	Tree			n/a	Natural border between landowners, Chicken Farm	HDD/Open Cut with haul road	2	34	n/a	305	n/a	HC_033	AP_038	n/a	n/a	n/a	n/a	14
504514	448950	ECC_WA_171	Watercourse		Ordinary watercourse (LLFA)	Local Highway Authority / Private	Natural border between landowners at Chicken Farm; Drain at edge of field; Dry Ditch.	HDD with bridge/culvert	2	34	n/a	305	n/a	HC_033	AP_037	Ditch_B32	TN133	n/a	n/a	14
504473	448745	ECC_WA_173	Watercourse	Wotton Beck	Main River (EA)	Environment Agency	Organic Chicken Farm; Running water.	HDD with bridge (Bailey Bridge / Clear Span)	2	34	n/a	305	Co1, Co127	HC_034	n/a	Ditch_B33	TN140	n/a	n/a	14
504155	448472	ECC_WA_175	Watercourse		Ordinary watercourse (LLFA)	Private / ERYC	Drain at edge of field; Standing water.	Open Cut with bridge/culvert	n/a	n/a	n/a	n/a	n/a	HC_035	n/a	Ditch_B35	TN142	n/a	n/a	14
504020	448377	ECC_EN_176	Hedgerow			n/a	Natural border between landowners	HDD/Open Cut with haul road	2	35	n/a	100.5	n/a	HC_036	AP_012	Hedge_H058	TN144	Species poor intact hedgerow	Not important	14
504018	448376	ECC_UT_177	Cable		Overhead Line	Northern Powergrid - (Yorkshire)	High Voltage [11kV]	n/a	2	35	n/a	100.5	n/a	HC_036	AP_012	n/a	n/a	n/a	n/a	14
503973	448392	ECC_UT_484	Cable		Pylon/Overhead Line	Northern Powergrid - (Yorkshire)	High Voltage [11kV]	Microsite/Diversion	n/a	n/a	n/a	n/a	n/a	HC_036	AP_012	n/a	n/a	n/a	n/a	14
504021	448378	ECC_WA_583	Watercourse		Ordinary watercourse (LLFA)	Private / ERYC	Drain at edge of field; Standing water.	HDD/Open Cut with haul road	2	35	n/a	100.5	n/a	HC_036	AP_012	Ditch_B36	TN143	n/a	n/a	14
504015	448374	ECC_RO_178	Road	Wilholme Road	Classified Unnumbered	Unknown		HDD with haul road	2	35	n/a	100.5	Co1	HC_036	AP_012; AP_036	n/a	n/a	n/a	n/a	14
504011	448371	ECC_UT_179	Cable		Underground Telecommunications	Openreach - [British Telecommunications]		HDD with haul road	2	35	n/a	100.5	n/a	HC_036	AP_036	n/a	n/a	n/a	n/a	14
504005	448367	ECC_WA_181	Watercourse	Kilnwick Arm	Ordinary watercourse (IDB maintained)	Beverley and North Holderness IDB	Dry ditch	HDD with bridge/culvert	2	35	n/a	100.5	Co1	HC_036	AP_036	Ditch_B37	TN145	n/a	n/a	14
503803	448068	ECC_UT_182	Cable		Overhead Line	Northern Powergrid - (Yorkshire)	High Voltage [66kV]	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	15
503794	448119	ECC_UT_485	Cable		Pylon/Overhead Line	Northern Powergrid - (Yorkshire)	High Voltage [66kV]	Microsite/Diversion	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	15
503812	448028	ECC_UT_486	Cable		Pylon/Overhead Line	Northern Powergrid - (Yorkshire)	High Voltage [66kV]	Microsite/Diversion	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	15
503767	448005	ECC_WA_183	Watercourse	Beswick New Cut	Ordinary watercourse (IDB maintained)	Beverley and North Holderness IDB	Standing water	HDD with bridge/culvert	2	36	n/a	95	Co1	HC_037	n/a	Ditch_B38	TN147	n/a	n/a	15
503620	447785	ECC_WA_184	Watercourse		Ordinary watercourse (LLFA)	Private / ERYC	Drain at edge of field; Standing water.	Open Cut with bridge/culvert	n/a	n/a	n/a	n/a	n/a	HC_038	n/a	Ditch_B39	TN148	n/a	n/a	15
503541	447692	ECC_EN_186	Hedgerow			Private	HDD/Open Cut with haul road	2	37	n/a	86	n/a	n/a	HC_039	AP_035	Hedge_H059	TN149	Species poor defunct hedgerow	Not important	15
503545	447697	ECC_RO_185	Road	Barhill Causeway	Unclassified	Private		HDD with haul road	2	37	n/a	86	Co1	HC_039	AP_013; AP_035	n/a	n/a	n/a	n/a	15
503429	447565	ECC_EN_187	Hedgerow			Private	Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Hedge_H060	TN150	Species poor intact hedgerow	Not important	15
503127	447500	ECC_WA_188	Watercourse		Ordinary watercourse (LLFA)	Private / ERYC	Drain at edge of field; Dry ditch.	Open Cut with bridge/culvert	n/a	n/a	n/a	n/a	n/a	HC_040	n/a	Ditch_B92	TN416	n/a	n/a	15
503125	447499	ECC_EN_189	Hedgerow			Private	Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	HC_040	n/a	Hedge_H061	TN151	Species poor intact hedgerow	Not important	15
502820	447552	ECC_EN_190	Hedgerow			Private	Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	HC_041	n/a	Hedge_H062	TN153	Species poor intact hedgerow	Not important	15
502814	447552	ECC_PW_191	Bridleway	Beswick Bridleway No. 23		East Riding of Yorkshire Council		Open Cut with haul road	n/a	n/a	Temporarily Stop Up	n/a	n/a	HC_041	n/a	n/a	n/a	n/a	n/a	15
502671	447487	ECC_EN_566	Hedgerow			Private	Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Hedge_H063	TN152	Species poor intact hedgerow	Not important	15
502585	447478	ECC_EN_567	Hedgerow			Private	HDD only	2	38	n/a	162	n/a	n/a	n/a	n/a	Hedge_H064	TN155	Species poor defunct hedgerow	Not important	15
502575	447541	ECC_RA_194	Railway	Hull to Bridlington		Network Rail		HDD only	2	38	n/a	162	Co1	n/a	n/a	n/a	n/a	n/a	n/a	15
502580	447542	ECC_UT_192	Cable		Track Electricity Cables	Network Rail		HDD only	2	38	n/a	162	n/a	n/a	n/a	n/a	n/a	n/a	n/a	15
502577	447541	ECC_UT_193	Cable		Track Electricity Cables	Network Rail		HDD only	2	38	n/a	162	n/a	n/a	n/a	n/a	n/a	n/a	n/a	15
502573	447541	ECC_UT_195	Cable		Track Electricity Cables	Network Rail		HDD only	2	38	n/a	162	n/a	n/a	n/a	n/a	n/a	n/a	n/a	15
502567	447541	ECC_EN_196	Hedgerow			Local Highway Authority / Private	Natural border between landowners	HDD only	2	38	n/a	162	n/a	n/a	n/a	n/a	n/a	n/a	n/a	15
502331	447379	ECC_EN_197	Hedgerow			Private	Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Hedge_H065	TN156	Species poor defunct hedgerow	Not important	15
502218	447237	ECC_EN_																		

X Coordinate	Y Coordinate	Orsted Crossing Identification No.	Type of Obstacle	Obstacle Name	Obstacle Description	Asset Owner / Responsible Authority	Obstacle Comments	Proposed Crossing Method	Orsted HDD Category	Orsted HDD ID	PBoW management	Indicative Maximum HDD length	Related Co Number	Haul Road Crossing	Access Point	EPHSR of	Target Note Ref	Hedgerow Assessment	Hedgerow Importance	Crossing Schedule Figure Sheet No.	
501492	446658	ECC_UT_209	Cable		Overhead Telecommunications	KCOM Group		HDD only	2	40	n/a	108	n/a	n/a	n/a	n/a	n/a	n/a	n/a	16	
501483	446652	ECC_UT_211	Pipeline		Water Pipeline	Yorkshire Water	Not present in latest Utilities search	HDD only	2	40	n/a	108	n/a	n/a	n/a	n/a	n/a	n/a	n/a	16	
501478	446649	ECC_EN_212	Hedgerow			Local Highway Authority / Unknown	Natural border between landowners	HDD only	2	40	n/a	108	n/a	n/a	n/a	Hedge_H145	TN422	Species poor defunct hedgerow	Not important	16	
501470	446683	ECC_EN_572	Hedgerow			Local Highway Authority / Unknown	Natural border between landowners	HDD only	2	40	n/a	108	n/a	n/a	n/a	Hedge_H144	n/a	Species poor defunct hedgerow	Not important	16	
501317	446548	ECC_PW_543	Footpath	Lockington Footpath No. 8		East Riding of Yorkshire Council		Open Cut with haul road	n/a	n/a	Temporarily Stop Up	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	16	
501383	446763	ECC_ACC_EN_569	Hedgerow			Local Highway Authority / Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	AP_015	Hedge_H142	TN420	Species poor defunct hedgerow	Not important	16	
501382	446765	ECC_ACC_UT_439	Cable		Underground Telecommunications	Openreach - [British Telecommunications]		n/a	n/a	n/a	n/a	n/a	n/a	n/a	AP_015	n/a	n/a	n/a	n/a	16	
501382	446768	ECC_ACC_UT_440	Cable		Underground Telecommunications	KCOM Group		n/a	n/a	n/a	n/a	n/a	n/a	n/a	AP_015	n/a	n/a	n/a	n/a	16	
501383	446769	ECC_ACC_UT_441	Pipeline			Yorkshire Water	Not present in latest Utilities search	n/a	n/a	n/a	n/a	n/a	n/a	n/a	AP_015	n/a	n/a	n/a	n/a	16	
501121	446217	ECC_EN_213	Hedgerow	Bryan Mills Beck Local Wildlife Site	LWS	n/a	Natural border between landowners Designated Local Wildlife Site	HDD/Open Cut with haul road	2	41	n/a	139	n/a	HC_062	n/a	n/a	TN164	n/a	n/a	16	
501090	446212	ECC_WA_214	Watercourse	Bryan Mills Beck	Main River (EA and IDB Maintained)	Environment Agency & Beverley and North Holderness DB	Designated Local Wildlife Site	HDD with bridge (Bailey Bridge / Clear Span)	2	41	n/a	139	Co1, Co127	HC_062	n/a	Ditch_B40	TN163	n/a	n/a	16	
501053	446035	ECC_EN_215	Hedgerow			Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Hedge_H071	TN165	Species poor defunct hedgerow	Not important	17	
501065	445953	ECC_ACC_EN_442	Hedgerow			Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	AP_016	Hedge_H071	TN165	Species poor defunct hedgerow	Not important	17	
501261	445928	ECC_ACC_EN_596	Hedgerow			Local Highway Authority / Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	AP_016	n/a	n/a	n/a	n/a	17	
500941	445982	ECC_EN_216	Hedgerow			Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Hedge_H072	TN429	Species poor defunct hedgerow	Not important	17	
500940	445981	ECC_WA_613	Watercourse		Ordinary watercourse (LLFA)	Private / ERYC	Drain at edge of field; Dry ditch.	Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Ditch_B83	TN409	n/a	n/a	17	
500790	445868	ECC_PW_217	Footpath	Leconfield Footpath No.1		East Riding of Yorkshire Council		Open Cut with haul road	n/a	n/a	Temporarily Stop Up	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	17	
500787	445865	ECC_EN_218	Hedgerow			Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Hedge_H147	TN386	Species poor intact hedgerow	Not important	17	
500652	445730	ECC_PW_219	Bridleway	Leconfield Bridleway No. 2		East Riding of Yorkshire Council		Open Cut with haul road	n/a	n/a	Temporarily Stop Up	n/a	n/a	HC_045	n/a	n/a	n/a	n/a	n/a	17	
500452	445463	ECC_EN_220	Hedgerow	Beatey's Beck (Lockington) LWS	LWS	Private		HDD/Open Cut with haul road	2	42	n/a	95	n/a	HC_046	n/a	n/a	TN170	n/a	n/a	17	
500451	445459	ECC_WA_221	Watercourse	Beatey's Beck (Lockington) / Scarborough Beck	Ordinary watercourse (LLFA)	Private	Natural border between landowners, Candidate LWS; Dry ditch.	HDD/Open Cut with bridge/culvert	2	42	n/a	95	n/a	HC_046	n/a	Ditch_B41	TN169	n/a	n/a	17	
500322	445028	ECC_RO_222	Track	Unnamed	Farm Access Track	Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	17	
500275	444905	ECC_EN_223	Hedgerow			Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Hedge_H074	TN179	Species poor intact hedgerow	Not important	18	
500271	444898	ECC_PW_224	Footpath	Leconfield Footpath No. 7		East Riding of Yorkshire Council		Open Cut with haul road	n/a	n/a	Temporarily Stop Up	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	18	
500401	444632	ECC_PW_225	Footpath	Leconfield Footpath No. 7		East Riding of Yorkshire Council		HDD/Open Cut with haul road	2	43	Temporarily Stop Up	86	n/a	HC_047	n/a	n/a	n/a	n/a	n/a	18	
500407	444615	ECC_UT_226	Cable		Underground Telecommunications	Openreach - [British Telecommunications]		HDD/Open Cut with haul road	2	43	n/a	86	n/a	HC_047	n/a	n/a	n/a	n/a	n/a	18	
500394	444607	ECC_UT_227	Cable		Underground Telecommunications	Openreach - [British Telecommunications]		HDD/Open Cut with haul road	2	43	n/a	86	n/a	HC_047	n/a	n/a	n/a	n/a	n/a	18	
500373	444591	ECC_PW_229	Bridleway	Leconfield Bridleway No. 9		East Riding of Yorkshire Council		HDD/Open Cut with haul road	2	43	Temporarily Stop Up	86	n/a	HC_047	n/a	n/a	n/a	n/a	n/a	18	
500373	444590	ECC_RO_230	Track	Unnamed	Private Access Road	Private		HDD/Open Cut with haul road	2	43	n/a	86	n/a	HC_047	n/a	n/a	n/a	n/a	n/a	18	
500374	444594	ECC_UT_228	Cable		Underground Telecommunications	Openreach - [British Telecommunications]		HDD/Open Cut with haul road	2	43	n/a	86	n/a	HC_047	n/a	n/a	n/a	n/a	n/a	18	
500380	444599	ECC_UT_231	Cable		Overhead Line	Northern Powergrid - (Yorkshire)	High Voltage [11kV]	n/a	n/a	n/a	n/a	n/a	n/a	HC_047	n/a	n/a	n/a	n/a	n/a	18	
500416	444434	ECC_PW_232	Footpath	Leconfield Footpath No. 10		East Riding of Yorkshire Council		Open Cut with haul road	n/a	n/a	Temporarily Stop Up	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	18	
500434	444334	ECC_PW_233	Footpath	Leconfield Footpath No. 11		East Riding of Yorkshire Council		Open Cut with haul road	n/a	n/a	Temporarily Stop Up	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	18	
500554	444280	ECC_ACC_PW_443	Footpath	Leconfield Footpath No.10		East Riding of Yorkshire Council		Open Cut with haul road	n/a	n/a	Temporarily Stop Up	n/a	n/a	n/a	AP_017	n/a	n/a	n/a	n/a	18	
500601	444298	ECC_ACC_PW_605	Bridleway	Leconfield Bridleway No.6		East Riding of Yorkshire Council		Open Cut with haul road	n/a	n/a	Temporarily Stop Up	n/a	n/a	n/a	AP_017	n/a	n/a	n/a	n/a	18	
500580	444292	ECC_ACC_UT_234	Cable		Underground Telecommunications	Openreach - [British Telecommunications]		n/a	n/a	n/a	n/a	n/a	n/a	n/a	AP_017	n/a	n/a	n/a	n/a	18	
500626	444291	ECC_ACC_UT_235	Pipeline		Yorkshire Water - Water	Yorkshire Water		n/a	n/a	n/a	n/a	n/a	n/a	n/a	AP_017	n/a	n/a	n/a	n/a	18	
500410	444082	ECC_PW_236	Bridleway	Leconfield Bridleway No.12		East Riding of Yorkshire Council		Open Cut with haul road	n/a	n/a	Temporarily Stop Up	n/a	n/a	HC_048	n/a	n/a	n/a	n/a	n/a	18	
500408	444059	ECC_EN_237	Hedgerow			Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	HC_048	n/a	Hedge_H077	TN187	Species poor intact hedgerow with trees	Not important	18	
500400	443975	ECC_EN_238	Hedgerow			Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Hedge_H078	TN418	Species poor intact hedgerow	Not important	18	
500494	443739	ECC_EN_239	Hedgerow			Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Hedge_H079	TN188	Species poor intact hedgerow	Not important	18	
500562	443400	ECC_ACC_EN_511	Hedgerow			Local Highway Authority / Private	Natural border between landowners	Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	HC_049	n/a	Hedge_H152	TN428	Species poor intact hedgerow	Not important	19	
500564	443397	ECC_ACC_UT_512	Pipeline		Water	Yorkshire Water		n/a	n/a	n/a	n/a	n/a	n/a	HC_049	n/a	n/a	n/a	n/a	n/a	19	
500457	443349	ECC_EN_240	Hedgerow			Local Highway Authority / Private	Natural border between landowners	HDD with haul road	2	44	n/a	96	n/a	n/a	n/a	Hedge_H152	TN428	Species poor intact hedgerow	Not important	19	
500456	443346	ECC_UT_241	Pipeline		Water	Yorkshire Water		HDD with haul road	2	44	n/a	96	n/a	n/a	n/a	n/a	n/a	n/a	n/a	19	
500564	443396	ECC_ACC_RO_515	Road	Miles Lane	Classified Unnumbered	Unknown		n/a	n/a	n/a	n/a	n/a	n/a	HC_049	n/a	n/a	n/a	n/a	n/a	19	
500565	443392	ECC_ACC_UT_513	Cable		Underground Telecommunications	Openreach - [British Telecommunications]		n/a	n/a	n/a	n/a	n/a	n/a	HC_049	n/a	n/a	n/a	n/a	n/a	19	
500566	443392	ECC_ACC_UT_514	Pipeline		Gas	Northern Gas Networks	Medium Pressure	n/a	n/a	n/a	n/a	n/a	n/a	HC_049	n/a	n/a	n/a	n/a	n/a	19	
500456	443343	ECC_RO_242	Road	Miles Lane	Classified Unnumbered	Unknown		HDD only	2	44	n/a	96	n/a	n/a	n/a	n/a	n/a	n/a	n/a	19	
500455	443338	ECC_UT_243	Cable		Underground Telecommunications	Openreach - [British Telecommunications]		HDD only	2	44	n/a	96	n/a	n/a	n/a	n/a	n/a	n/a	n/a	19	
500455	443337	ECC_UT_244	Pipeline		Gas	Northern Gas Networks	Medium Pressure	HDD only	2	44	n/a	96	n/a	n/a	n/a	n/a	n/a	n/a	n/a	19	
500242	442703	ECC_ACC_UT_247	Cable		Underground Telecommunications	Openreach - [British Telecommunications]		n/a	n/a	n/a	n/a	n/a	n/a	n/a	AP_018	n/a	n/a	n/a	n/a	19	
500279	442940	ECC_WA_245	Watercourse		Ordinary watercourse (LLFA)	Private / ERYC	Drain at edge of field; Dry ditch.	Open Cut with bridge/culvert	n/a	n/a	n/a	n/a	n/a	HC_050	n/a	Ditch_B84	TN410	n/a	n/a	19	
500303	442939	ECC_EN_246	Tree			Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	HC_050	n/a	n/a	n/a	n/a	n/a	19	
500331	442563	ECC_UT_248	Cable		Underground Telecommunications	Openreach - [British Telecommunications]		HDD with haul road	2	45	n/a	96	n/a	HC_051	n/a	n/a	n/a	n/a	n/a	19	
500333	442552	ECC_EN_251	Hedgerow			Local Highway Authority / Private	Natural border between landowners	HDD/Open Cut with haul road	2	45	n/a	96	n/a	n/a	HC_051	n/a	Hedge_H080	TN190	Species poor intact hedgerow	Not important	19
500318	442558	ECC_EN_444	Hedgerow			Private	Hedgerow with tree	HDD/Open Cut with haul road	2	45	n/a	96	n/a	HC_051	n/a	n/a	n/a	n/a	n/a	19	
500332	442559	ECC_RO_249	Road	Rose Lane	Unclassified	Unknown		HDD with haul road	2	45	n/a	96	n/a	Co1	HC_051	n/a	n/a	n/a	n/a	19	
500332	442556	ECC_UT_250	Cable		Overhead Line	Northern Powergrid - (Yorkshire)	High Voltage [11kV]	n/a	n/a	n/a	n/a	n/a	n/a	HC_051	n/a	n/a	n/a	n/a	n/a	19	
500287	442539	ECC_UT_489	Cable		Pylon/Overhead Line	Northern Powergrid - (Yorkshire)	High Voltage [11kV]	Microsite/Diversion	n/a	n/a	n/a	n/a	n/a	HC_051	n/a	n/a	n/a	n/a	n/a	19	
500357	442566	ECC_UT_490	Cable		Pylon/Overhead Line	Northern Powergrid - (Yorkshire)	High Voltage [11kV]	Microsite/Diversion	n/a	n/a	n/a	n/a	n/a	HC_051	n/a	n/a	n/a	n/a	n/a	19	
500324	442377	ECC_EN_256	Hedgerow	Reventhorpe Embankment LWS	LWS	Private	Designated Local Wildlife Site	HDD only	2	46	n/a	113	n/a	n/a	n/a	Hedge_H081	TN194	Species poor intact hedgerow	Not important	20	
500322	442372	ECC_PW_257	Footpath	Cherry Burton Footpath No. 2 & Hudson Way	Dismantled Railway	East Riding of Yorkshire Council	HDD with Dismantled Railway (Cherry Burton Footpath No. 2)	HDD only	2	46	Temporarily Stop Up	113	n/a	n/a	n/a	n/a	n/a	n/a	n/a	20	
500319	442365	ECC_EN_258	Trees	Reventhorpe Embankment LWS	LWS	Private	Designated Local Wildlife Site	HDD only	2	46	n/a	113	n/a	n/a	n/a	n/a	n/a	n/a	n/a	20	
500318	442363	ECC_UT_259	Cable	</																	

X Coordinate	Y Coordinate	Orsted Crossing Identification No.	Type of Obstacle	Obstacle Name	Obstacle Description	Asset Owner / Responsible Authority	Obstacle Comments	Proposed Crossing Method	Orsted HDD Category	Orsted HDD ID	PrRoW management	Indicative Maximum HDD length	Related Co Number	Haul Road Crossing	Access Point	EP1HSR of	Target Note Ref	Hedgerow Assessment	Hedgerow Importance	Crossing Schedule Figure Sheet No.	
500207	440312	ECC_ACC_EN_597	Hedgerow			Local Highway Authority / Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	AP_021	Hedge_H164 / Hedge_H165	n/a	Species poor intact hedgerow	Not important	21	
500263	440302	ECC_EN_281	Hedgerow			Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	TN211	Species poor defunct hedgerow	Not important	21	
500333	440011	ECC_UT_282	Cable		Overhead Line	Northern Powergrid - (Yorkshire)	High Voltage [11kV]	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	22	
500605	439713	ECC_ACC_EN_598	Hedgerow			Local Highway Authority / Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	AP_022	n/a	n/a	n/a	n/a	22	
500596	439713	ECC_ACC_UT_453	Pipeline		Underground Cable	Northern Gas Networks	Medium Pressure	n/a	n/a	n/a	n/a	n/a	n/a	n/a	AP_022	n/a	n/a	n/a	n/a	22	
500501	439701	ECC_EN_283	Hedgerow			Private		HDD only	2	50	n/a	130	n/a	n/a	n/a	Hedge_H088	TN218	Species poor hedgerow with trees	Not important	22	
500504	439700	ECC_UT_449	Cable		Underground Telecommunications	KCOM Group		HDD only	2	50	n/a	130	n/a	n/a	n/a	n/a	n/a	n/a	n/a	22	
500508	439691	ECC_RO_286	Road	York Road	Classified Unnumbered	Unknown		HDD only	2	50	n/a	130	n/a	Co1	n/a	n/a	n/a	n/a	n/a	22	
500507	439702	ECC_UT_285	Cable		Underground Telecommunications	Openreach - (British Telecommunications)		HDD only	2	50	n/a	130	n/a	n/a	n/a	n/a	n/a	n/a	n/a	22	
500511	439682	ECC_EN_288	Hedgerow			Private		HDD only	2	50	n/a	130	n/a	n/a	n/a	Hedge_H090	TN221	Species poor intact hedgerow	Not important	22	
500511	439684	ECC_UT_287	Pipeline		Gas	Northern Gas Networks	Medium Pressure	HDD only	2	50	n/a	130	n/a	n/a	n/a	n/a	n/a	n/a	n/a	22	
500572	439440	ECC_EN_289	Hedgerow			Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Hedge_H092	TN226	Species poor intact hedgerow	Not important	22	
500590	438951	ECC_EN_290	Hedgerow			Local Highway Authority / Private	Natural border between landowners	HDD only	2	51	n/a	172	n/a	n/a	n/a	Hedge_H093	TN230	Species poor intact hedgerow	Not important	23	
500592	438906	ECC_RO_291	Road	A1079	A Road	Unknown		HDD only	2	51	n/a	172	n/a	Co1	n/a	n/a	n/a	n/a	n/a	23	
500595	438862	ECC_EN_292	Hedgerow			Local Highway Authority / Private	Natural border between landowners	HDD only	2	51	n/a	172	n/a	n/a	n/a	Hedge_H094	TN228	Species poor intact hedgerow	Not important	23	
500539	438560	ECC_ACC_EN_516	Hedgerow	Newbald Road LWS	Newbald Road LWS	Local Highway Authority / Private	Natural border between landowners	Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	AP_023	Hedge_H095	TN232	Species poor intact hedgerow	Not important	23	
500676	438552	ECC_EN_293	Hedgerow	Newbald Road LWS	Newbald Road LWS	Local Highway Authority / Private	Natural border between landowners	HDD only	2	52	n/a	106	n/a	n/a	n/a	Hedge_H095	TN232	Species poor intact hedgerow	Not important	23	
500680	438543	ECC_RO_294	Road	Newbald Road	Classified Unnumbered	Unknown		HDD only	2	52	n/a	106	n/a	Co1	n/a	n/a	n/a	n/a	n/a	23	
500682	438540	ECC_UT_295	Cable		Underground Telecommunications	KCOM Group		HDD only	2	52	n/a	106	n/a	n/a	AP_024	n/a	n/a	n/a	n/a	23	
500684	438536	ECC_EN_296	Hedgerow			Local Highway Authority / Private	Natural border between landowners	HDD only	2	52	n/a	106	n/a	n/a	AP_024	Hedge_H096	TN233	Species poor intact hedgerow	Not important	23	
500830	438255	ECC_EN_297	Hedgerow			Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	HC_063	n/a	Hedge_H098	TN236	Species poor intact hedgerow	Not important	23	
500835	438254	ECC_WA_474	Watercourse		Ordinary watercourse (LLFA)	Private / ERYC	Drain at edge of field; Dry ditch.	Open Cut with bridge/culvert	n/a	n/a	n/a	n/a	n/a	HC_063	n/a	Ditch_B77	TN235	n/a	n/a	23	
500828	437987	ECC_EN_298	Hedgerow			Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Hedge_H099	TN240	Species poor intact hedgerow	Not important	23	
500918	437508	ECC_UT_494	Cable		Pylon/Overhead Line	Northern Powergrid - (Yorkshire)	Not present in latest Utilities search	Microsite/Diversion	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	24	
500912	437640	ECC_EN_299	Hedgerow			Local Highway Authority / Private	Natural border between landowners	HDD/Open Cut with haul road	2	53	n/a	103	n/a	n/a	n/a	Hedge_H101	TN246	Species poor intact hedgerow	Not important	24	
500912	437639	ECC_UT_300	Cable		Underground Telecommunications	KCOM Group		HDD with haul road	2	53	n/a	103	n/a	HC_057	n/a	n/a	n/a	n/a	n/a	24	
500912	437638	ECC_UT_301	Cable		Underground Telecommunications	KCOM Group		HDD with haul road	2	53	n/a	103	n/a	HC_057	n/a	n/a	n/a	n/a	n/a	24	
500913	437637	ECC_UT_302	Pipeline		Water	Yorkshire Water		HDD with haul road	2	53	n/a	103	n/a	HC_057	n/a	n/a	n/a	n/a	n/a	24	
500915	437627	ECC_PW_305	Cycleway	Yorkshire Wolds	Sustrans National Route	Sustrans	Obstacle to HDD'd (HDD_103), but impacted by haul road crossing	HDD/Open Cut with haul road	2	53	n/a	103	n/a	HC_057	n/a	n/a	n/a	n/a	n/a	n/a	24
500914	437632	ECC_RO_304	Road	Broadgate/B1230	B Road	Unknown		HDD with haul road	2	53	n/a	103	n/a	Co1	HC_057	n/a	n/a	n/a	n/a	24	
500913	437636	ECC_UT_303	Pipeline		Water	Yorkshire Water		HDD with haul road	2	53	n/a	103	n/a	HC_057	n/a	n/a	n/a	n/a	n/a	24	
500916	437625	ECC_EN_556	Hedgerow			Local Highway Authority / Private	Obstacle to HDD'd (HDD_103), but impacted by haul road crossing	HDD/Open Cut with haul road	2	53	n/a	103	n/a	HC_057	n/a	Hedge_H102	TN247	Species poor intact hedgerow	Not important	24	
500915	437626	ECC_UT_306	Pipeline		Water	Yorkshire Water		HDD with haul road	2	53	n/a	103	n/a	HC_057	n/a	n/a	n/a	n/a	n/a	24	
500915	437625	ECC_UT_307	Cable		Underground Cable	Northern Powergrid - (Yorkshire)		n/a	2	53	n/a	103	n/a	HC_057	n/a	n/a	n/a	n/a	n/a	24	
500936	437631	ECC_UT_308	Cable		Overhead Line	Northern Powergrid - (Yorkshire)		n/a	2	53	n/a	103	n/a	HC_057	n/a	n/a	n/a	n/a	n/a	24	
500928	437629	ECC_UT_492	Cable		Pylon/Overhead Line	Northern Powergrid - (Yorkshire)	High Voltage [11kV]	n/a	2	53	n/a	103	n/a	HC_057	n/a	n/a	n/a	n/a	n/a	24	
500948	437636	ECC_UT_493	Cable		Pylon/Overhead Line	Northern Powergrid - (Yorkshire)		n/a	2	53	n/a	103	n/a	HC_057	n/a	n/a	n/a	n/a	n/a	24	
500926	437585	ECC_UT_310	Cable	Crevice Beck to Thornton	Overhead Line	Cadent Gas (Above 7 bar and 2 bar) and National Grid Electricity Transmission		n/a	2	53	n/a	103	n/a	n/a	n/a	n/a	n/a	n/a	n/a	24	
500970	437577	ECC_EN_570	Hedgerow			Private	Natural border between landowners	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Hedge_H103	TN248	Species poor hedgerow with trees	Not important	24	
500957	437479	ECC_UT_312	Cable		Overhead Line	Northern Powergrid - (Yorkshire)	Not present in latest Utilities search	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	24	
501003	437319	ECC_UT_313	Pipeline		Sewer	Yorkshire Water		HDD with haul road	2	54	n/a	95	n/a	HC_064	n/a	n/a	n/a	n/a	n/a	24	
501004	437314	ECC_EN_314	Hedgerow			Private		HDD with haul road	2	54	n/a	95	n/a	HC_064	n/a	Hedge_H104	TN250	Species poor hedgerow with trees	Not important	24	
501002	437312	ECC_WA_455	Watercourse	Autherd Drain	Ordinary watercourse (LLFA)	Private / ERYC	Drain at edge of field; Dry ditch.	HDD with bridge/culvert	2	54	n/a	95	n/a	HC_064	n/a	Ditch_B44	TN251	n/a	n/a	24	
501001	437297	ECC_EN_315	Hedgerow			Private		HDD with haul road	2	54	n/a	95	n/a	HC_064	n/a	Hedge_H105	TN253	Species poor intact hedgerow	Not important	24	
501228	436814	ECC_EN_316	Hedgerow			Private		HDD/Open Cut with haul road	2	55	n/a	86	n/a	n/a	n/a	Hedge_H105	TN253	Species poor intact hedgerow	Not important	24	
501222	436795	ECC_EN_317	Hedgerow			Private		HDD/Open Cut with haul road	2	55	n/a	86	n/a	n/a	n/a	Hedge_H106	TN259	Species poor intact hedgerow	Not important	24	
501250	436786	ECC_EN_578	Tree			Private		HDD/Open Cut/Microsite	2	55	n/a	86	n/a	n/a	n/a	n/a	TN257	n/a	n/a	24	
501232	436791	ECC_PW_318	Footpath	Walington Footpath No. 9 (Moor Lane) & Beverley Twenty (LDWR)		East Riding of Yorkshire Council		HDD/Open Cut with haul road	2	55	Temporarily Stop Up	86	n/a	n/a	n/a	n/a	n/a	n/a	n/a	24	
501232	436785	ECC_EN_319	Hedgerow	Moor Lane LWS	LWS	Private	Designated Local Wildlife Site; ERYC PrRoW - To be checked by GIS and separate crossing to be added if PrRoW not already in CS	HDD/Open Cut with haul road	2	55	n/a	86	n/a	n/a	n/a	Hedge_H107	TN258	Species rich intact hedgerow	Important	24	
501211	436686	ECC_UT_320	Pipeline	TSEP	Gas	INEOS TSEP		HDD with haul road	2	56	n/a	86	n/a	n/a	n/a	n/a	n/a	n/a	n/a	24	
501137	436560	ECC_EN_321	Hedgerow			Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Hedge_H108	TN262	Native species rich hedgerow with trees	Important	24	
501128	436378	ECC_UT_322	Pipeline	FM29 - Ganstead to Asselby	1200mm Diameter Gas	Cadent Gas (Above 7 bar and 2 bar) and National Grid Electricity Transmission		HDD with haul road	2	57	n/a	86	n/a	n/a	n/a	n/a	n/a	n/a	n/a	25	
501174	436319	ECC_EN_323	Hedgerow			Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Hedge_H110	TN269	Species poor intact hedgerow	Not important	25	
501426	435798	ECC_EN_324	Hedgerow			Local Highway Authority / Private	Natural border between landowners	HDD only	2	58	n/a	99	n/a	n/a	n/a	Hedge_H112	TN276	Species poor intact hedgerow	Not important	25	
501437	435800	ECC_PW_547	Footpath	Beverley Twenty & East Riding Heritage Way (LDWR)		East Riding of Yorkshire Council	Long Distance Walking route	HDD only	2	58	Temporarily Stop Up	99	n/a	n/a	n/a	n/a	n/a	n/a	n/a	25	
501430	435792	ECC_RO_325	Road	Coppleflat Lane	Classified Unnumbered	Unknown		HDD only	2	58	n/a	99	n/a	Co1	n/a	n/a	n/a	n/a	n/a	25	
501434	435787	ECC_EN_327	Hedgerow			Local Highway Authority / Private	Natural border between landowners	HDD only	2	58	n/a	99	n/a	n/a	n/a	Hedge_H113	TN277	Species poor intact hedgerow	Not important	25	
501438	435790	ECC_UT_326	Pipeline		Water	Yorkshire Water		HDD only	2	58	n/a	99	n/a	n/a	n/a	n/a	n/a	n/a	n/a	25	
501540	435667	ECC_UT_328	Cable		Overhead Line	Northern Powergrid - (Yorkshire)	High Voltage [11kV]	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	25	
501575	435668	ECC_UT_496	Cable		Pylon/Overhead Line	Northern Powergrid - (Yorkshire)	High Voltage [11kV]	Microsite/Diversion	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	25	
501584	435623	ECC_EN_329	Hedgerow			Private		HDD/Open Cut with bridge/culvert	2	59	n/a	150	n/a	n/a	n/a	Hedge_H114	TN281	Species poor intact hedgerow	Not important	25	
501571	435617	ECC_WA_471	Watercourse		Ordinary watercourse (LLFA)	Private / ERYC	Dry ditch	HDD/Open Cut with bridge/culvert	2	59	n/a	150	n/a	n/a	n/a	Ditch_B45	TN280	n/a	n/a	25	
501762	435459	ECC_EN_330	Hedgerow			Local Highway Authority / Private	Natural border between landowners	HDD/Open Cut	2	60	n/a	95	n/a	n/a	AP_030	Hedge_H115	TN287	Native species rich intact hedgerow	Important	25	
501775	435458	ECC_RO_331	Road	Coppleflat Lane	Unclassified	Unknown		HDD only	2	60	n/a	95	n/a	Co1	n/a	AP_030	n/a	n/a	n/a	25	
501781																					

X Coordinate	Y Coordinate	Orsted Crossing Identification No.	Type of Obstacle	Obstacle Name	Obstacle Description	Asset Owner / Responsible Authority	Obstacle Comments	Proposed Crossing Method	Orsted HDD Category	Orsted HDD ID	PBoW management	Indicative Maximum HDD length	Related Co Number	Haul Road Crossing	Access Point	EP1HSRef	Target Note Ref	Hedgerow Assessment	Hedgerow Importance	Crossing Schedule Figure Sheet No.	
502465	434898	ECC_EN_344	Hedgerow			Private		HDD/Open Cut with haul road	2	64	n/a	104	n/a	n/a	n/a	Hedge_H123	TN297	Species poor intact hedgerow	Not important	26	
502454	434885	ECC_EN_575	Hedgerow			Private		HDD/Open Cut with haul road	2	64	n/a	104	n/a	n/a	n/a	Hedge_H124	TN301	Species poor hedgerow with trees	Not important	26	
502694	434773	ECC_UT_345	Cable		Overhead Line	Cadent Gas (Above 7 bar and 2 bar) and National Grid Electricity Transmission	400kV	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	26	
502706	434770	ECC_EN_347	Hedgerow			Private		HDD/Open Cut with haul road	2	65	n/a	98	n/a	n/a	n/a	Hedge_H125	TN304	Species poor hedgerow with trees	Not important	26	
502706	434742	ECC_EN_348	Tree			Unknown Owner	Large tree	HDD/Open Cut with haul road	2	65	n/a	98	n/a	n/a	n/a	Hedge_H125	TN305	Species poor hedgerow with trees	Not important	26	
503070	434721	ECC_EN_349	Hedgerow			Unknown Owner		HDD/Open Cut with haul road	2	66	n/a	86	n/a	n/a	n/a	Hedge_H127	TN308	Species poor hedgerow with trees	Not important	28	
503068	434715	ECC_WA_553	Watercourse		Drain	Private	Drain at edge of field; Dry ditch.	HDD/Open Cut with bridge/culvert	2	66	n/a	86	n/a	n/a	n/a	Ditch_B60	TN308	n/a	n/a	28	
503257	434703	ECC_EN_350	Hedgerow			Private		HDD/Open Cut with haul road	2	67	n/a	91	n/a	n/a	n/a	Hedge_H130	TN348	Species poor intact hedgerow	Not important	28	
503261	434703	ECC_PW_468	Footpath	Skidby Footpath No.16		East Riding of Yorkshire Council		HDD/Open Cut with haul road	2	67	Temporarily Stop Up	91	n/a	n/a	n/a	n/a	n/a	n/a	n/a	28	
503657	434733	ECC_WA_469	Watercourse		Ordinary watercourse (LLFA)	Private / ERYC	Dry ditch	HDD with bridge/culvert	2	68	n/a	150	n/a	n/a	n/a	Ditch_B62	TN357	n/a	n/a	28	
503736	434747	ECC_PW_546	Footpath	Skidby Footpath No.17		East Riding of Yorkshire Council	Sustrans National Route 1	HDD with haul road	2	68	Temporarily Stop Up	150	n/a	HC_069	n/a	n/a	n/a	n/a	n/a	28	
503738	434748	ECC_RO_353	Road	Unnamed		Private		HDD with haul road	2	68	n/a	150	Co1	HC_069	n/a	n/a	n/a	n/a	n/a	28	
503734	434747	ECC_UT_352	Cable		Overhead Telecommunications	KCOM Group		HDD with haul road	2	68	n/a	150	n/a	HC_069	n/a	n/a	n/a	n/a	n/a	28	
503733	434747	ECC_WA_585	Watercourse		Ordinary watercourse (LLFA)	Private / ERYC	Dry ditch	HDD with haul road	2	68	n/a	150	n/a	HC_069	n/a	Ditch_B75	TN358	n/a	n/a	28	
503795	434798	ECC_EN_576	Hedgerow			Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Hedge_H133	TN364	Species poor hedgerow with trees	Not important	28	
503813	434766	ECC_UT_354	Cable		Overhead Line	Northern Powergrid - (Yorkshire)	High Voltage [11kV]	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	28	
503832	434747	ECC_UT_497	Cable		Pylon/Overhead Line	Northern Powergrid - (Yorkshire)	High Voltage [11kV]	Microsite/Diversion	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	28	
503878	434870	ECC_EN_355	Hedgerow			Private		HDD/Open Cut with haul road	2	69	n/a	95	n/a	n/a	n/a	Hedge_H133	TN364	Species poor hedgerow with trees	Not important	28	
503878	434873	ECC_WA_470	Watercourse		Ordinary watercourse (LLFA)	Private / ERYC	Dry ditch	HDD/Open Cut with bridge/culvert	2	69	n/a	95	n/a	n/a	n/a	Ditch_B63	TN365	n/a	n/a	28	
503916	434937	ECC_UT_356	Cable		Overhead Line	Cadent Gas (Above 7 bar and 2 bar) and National Grid Electricity Transmission	400kV	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	28	
503309	435155	ECC/SS_ACC_EN_509	Hedgerow			Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	HC_066	AP_025	Hedge_H129	TN319	Species poor hedgerow with trees	Not important	28	
503321	436402	ECC/SS_ACC_EN_517	Hedgerow			Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	AP_025	Hedge_H135	TN327	Species poor hedgerow with trees	Not important	27	
503308	436403	ECC/SS_ACC_PW_457	Bridleway	Rowley Bridleway No.13		East Riding of Yorkshire Council	Beverley Twenty & East Riding Heritage Way (LDWR)	Open Cut with haul road	n/a	n/a	Permanent Diversion	n/a	n/a	n/a	AP_025	n/a	n/a	n/a	n/a	27	
503298	435314	ECC/SS_ACC_PW_459	Footpath	Rowley Footpath No.12		East Riding of Yorkshire Council	Sustrans National Route 1	Open Cut with haul road	n/a	n/a	Temporarily Stop Up	n/a	n/a	HC_067	AP_025	n/a	n/a	n/a	n/a	28	
503289	435287	ECC/SS_ACC_UT_366	Cable		Overhead Line	Northern Powergrid - (Yorkshire)	High Voltage [11kV]	n/a / Diversion	n/a	n/a	n/a	n/a	n/a	n/a	AP_025	n/a	n/a	n/a	n/a	28	
503569	436046	ECC/SS_ACC_UT_380	Pipeline		High Pressure Pipeline	INOS TSEP		n/a	n/a	n/a	n/a	n/a	n/a	n/a	AP_025	n/a	n/a	n/a	n/a	27	
503544	435958	ECC/SS_ACC_UT_381	Cable		Overhead Line	Cadent Gas (Above 7 bar and 2 bar) and National Grid Electricity Transmission	400kV	n/a	n/a	n/a	n/a	n/a	n/a	n/a	AP_025	n/a	n/a	n/a	n/a	27	
503473	435773	ECC/SS_ACC_UT_383	Cable		Overhead Line	Northern Powergrid - (Yorkshire)	High Voltage [11kV]	n/a / Diversion	n/a	n/a	n/a	n/a	n/a	n/a	AP_025	n/a	n/a	n/a	n/a	27	
503304	436338	ECC/SS_ACC_UT_458	Cable		Overhead Line	Northern Powergrid - (Yorkshire)	Not present in latest Utilities search, but definitely >33kV Overhead visible	n/a	n/a	n/a	n/a	n/a	n/a	n/a	AP_025	n/a	n/a	n/a	n/a	27	
503290	435192	ECC/SS_ACC_UT_461	Pipeline		Gas	Northern Gas Networks	High Pressure	n/a	n/a	n/a	n/a	n/a	n/a	n/a	AP_025	n/a	n/a	n/a	n/a	28	
503311	435150	ECC/SS_ACC_WA_415	Watercourse		Ordinary watercourse (LLFA)	Private / ERYC	Not listed in IDB Drains or Rivers datasets, but evident in OS Mastermap and Aerial Imagery; Drain at edge of field; Dry Ditch. Dry depression that may seasonally contain water	Bridge/culvert	n/a	n/a	n/a	n/a	n/a	n/a	HC_066	AP_025	Ditch_B59	TN320	n/a	n/a	28
503295	436419	ECC/SS_ACC_WA_456	Watercourse		Ordinary watercourse (LLFA)	Private / ERYC		Bridge/culvert	n/a	n/a	n/a	n/a	n/a	n/a	AP_025	n/a	n/a	n/a	n/a	27	
503302	435321	ECC/SS_ACC_WA_460	Watercourse		Ordinary watercourse (LLFA)	Private / ERYC	Drain at edge of field; Dry ditch.	Bridge/culvert	n/a	n/a	n/a	n/a	n/a	HC_067	AP_025	Ditch_B58	TN330	n/a	n/a	28	
503569	436043	ECC/SS_ACC_WA_519	Watercourse		Ordinary watercourse (LLFA)	Private / ERYC	Drain at edge of field; Dry ditch.	Bridge/culvert	n/a	n/a	n/a	n/a	n/a	n/a	AP_025	Ditch_B48	TN325	n/a	n/a	27	
504135	435013	ECC_GC_EN_362	Hedgerow			Private		HDD/Open Cut with haul road	2	75	n/a	86	n/a	n/a	n/a	Hedge_H136	TN344	Species poor hedgerow with trees	Not important	28	
504219	434987	ECC_GC_EN_550	Hedgerow			Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Hedge_H137	TN346	Species poor intact hedgerow	Not important	28	
504513	434860	ECC_GC_EN_577	Hedgerow			Private		HDD/Open Cut with haul road	2	72	n/a	86	n/a	n/a	n/a	Hedge_H139	TN378	Species poor intact hedgerow	Not important	28	
504168	434975	ECC_GC_EN_580	Tree			Private	Veteran Tree	HDD/Open Cut/Microsite/Diversion	2	75	n/a	86	n/a	n/a	n/a	n/a	TN368	n/a	n/a	28	
504272	434830	ECC_GC_PW_593	Road		Tarmac Track leading to Creyke Beck Substation	National Grid Electricity Transmission PLC	Part of SUSTRANS Route 1	HDD with haul road	2	70	n/a	104	Co1	HC_065	n/a	n/a	n/a	n/a	n/a	28	
504274	434833	ECC_GC_RO_551	Road	Unnamed	Tarmac Track leading to Creyke Beck Substation	National Grid Electricity Transmission PLC	Part of SUSTRANS Route 1	HDD with haul road	2	70	n/a	104	Co1	HC_065	n/a	n/a	n/a	n/a	n/a	28	
504247	434891	ECC_GC_UT_371	Cable		Overhead Line	Cadent Gas (Above 7 bar and 2 bar) and National Grid Electricity Transmission	400kV	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	28	
504245	434912	ECC_GC_UT_372	Cable		Overhead Line	Cadent Gas (Above 7 bar and 2 bar) and National Grid Electricity Transmission	400kV	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	28	
504264	434838	ECC_GC_UT_373	Cable		Underground Cable	Northern Powergrid - (Yorkshire)		HDD/Open Cut with haul road	2	70	n/a	104	n/a	HC_065	n/a	n/a	n/a	n/a	n/a	28	
504262	434835	ECC_GC_UT_374	Cable		Underground Cable	Northern Powergrid - (Yorkshire)		HDD/Open Cut with haul road	2	70	n/a	104	n/a	HC_065	n/a	n/a	n/a	n/a	n/a	28	
504269	434833	ECC_GC_UT_375	Cable		Underground Telecommunications	KCOM Group		HDD/Open Cut with haul road	2	70	n/a	104	n/a	HC_065	n/a	n/a	n/a	n/a	n/a	28	
504520	434846	ECC_GC_UT_413	Cable		Overhead Line	Cadent Gas (Above 7 bar and 2 bar) and National Grid Electricity Transmission		HDD/Open Cut with haul road	2	72	n/a	86	n/a	n/a	n/a	n/a	n/a	n/a	n/a	28	
504392	434775	ECC_GC_UT_414	Cable		Underground Cable	Northern Powergrid - (Yorkshire)		HDD/Open Cut with haul road	2	71	n/a	86	n/a	n/a	n/a	n/a	n/a	n/a	n/a	28	
504285	434742	ECC_GC_UT_588	Cable		Pylon/Overhead Line	Northern Powergrid - (Yorkshire)		HDD/Microsite	2	71	n/a	86	n/a	n/a	n/a	n/a	n/a	n/a	n/a	28	
504451	434799	ECC_GC_UT_589	Cable		Pylon/Overhead Line	Cadent Gas (Above 7 bar and 2 bar) and National Grid Electricity Transmission		HDD/Microsite	2	71	n/a	86	n/a	n/a	n/a	n/a	n/a	n/a	n/a	28	
504567	434851	ECC_GC_UT_607	Cable		Underground Telecommunications	Vodafone		HDD/Open Cut with haul road	2	72	n/a	86	n/a	n/a	n/a	n/a	n/a	n/a	n/a	28	
504097	435068	ECC_GC_WA_548	Watercourse		Drain	Private	Drain at edge of field; Dry ditch.	HDD/Open Cut with bridge/culvert	2	74	n/a	86	n/a	n/a	n/a	Ditch_B57	TN343	n/a	n/a	28	
504033	435244	ECC_GC_WA_549	Watercourse		Drain	Private	Drain at edge of field; Dry ditch.	Open Cut with bridge/culvert	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Ditch_B74	TN341	n/a	n/a	28	
503884	435278	SS_EN_360	Hedgerow			Unknown Owner	Hedgerow with trees	HDD/Open Cut with haul road	2	73	n/a	86	n/a	n/a	n/a	n/a	TN338	n/a	n/a	28	
504017	435171	SS_EN_361	Hedgerow			Private		HDD/Open Cut with haul road	2	74	n/a	86	n/a	n/a	n/a	Hedge_H136	TN344	Species poor hedgerow with trees	Not important	28	
503675	435121	SS_EN_555	Hedgerow			Private		Open Cut with haul road	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Hedge_H132	TN352	Species poor hedgerow with trees	Not important	28	
503471	435183	SS_EN_581	Tree			Private	Veteran Tree	HDD/Microsite/Diversion	n/a	n/a	n/a	n/a	Co27	n/a	n/a	n/a	TN323	n/a	n/a	28	
503699	435139	SS_PW_363	Footpath	Skidby Footpath No. 16		East Riding of Yorkshire Council		Open Cut with haul road	n/a	n/a	Permanent Diversion	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	28	
503550	435180	SS_UT_369	Cable		Overhead Line	Northern Powergrid - (Yorkshire)	High Voltage [11kV]	Microsite/Diversion	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	28	
503332	434961	SS_UT_370	Cable	4ZQ Route TWR (002-111)	Overhead Line	Cadent Gas (Above 7 bar and 2 bar) and National Grid Electricity Transmission	400kV	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	28	
503538	435248	SS_UT_590	Cable		Pylon/Overhead Line	Northern Powergrid - (Yorkshire)	High Voltage [11kV]	Microsite/Diversion	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	28	
503555	435164	SS_UT_591	Cable		Pylon/Overhead Line	Northern Powergrid - (Yorkshire)	High Voltage [11kV]	Microsite/Diversion	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	28	
503571	435085	SS_UT_592	Cable		Pylon/Overhead Line	Northern Powergrid - (Yorkshire)	High Voltage [11kV]	Microsite/Diversion	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	28	
503682	435134	SS_WA_554	Watercourse		Drain	Private	Drain at edge of field; Dry ditch.	Open Cut with bridge/culvert	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Ditch_B58	TN330	n/a	n/a	28	



Hornsea Project Four Offshore Wind Farm

Onshore Crossing Schedule Index Sheet

APFP Regulations Reference: 512(a) Application Document Number: A4.4.2

- Sheet Boundary
- Order Limits

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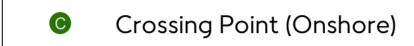






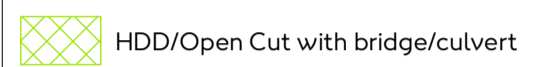
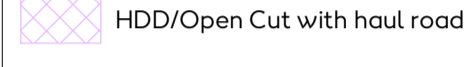
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A	Updated various onshore project elements, following consultation	16/09/2021

Onshore Crossing Schedule - Index Sheet
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 Created by: XDAOO
 Checked by: WATTS
 Accepted by: KELLY
 Approved by: JAMIB

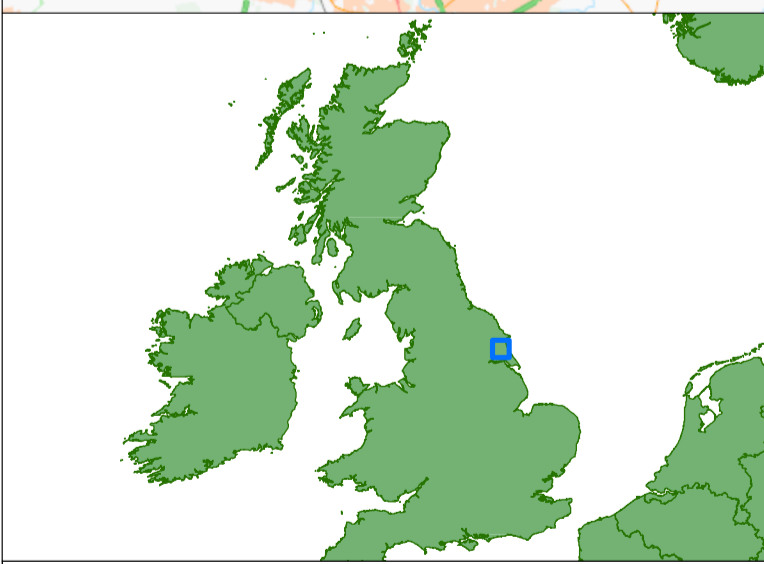
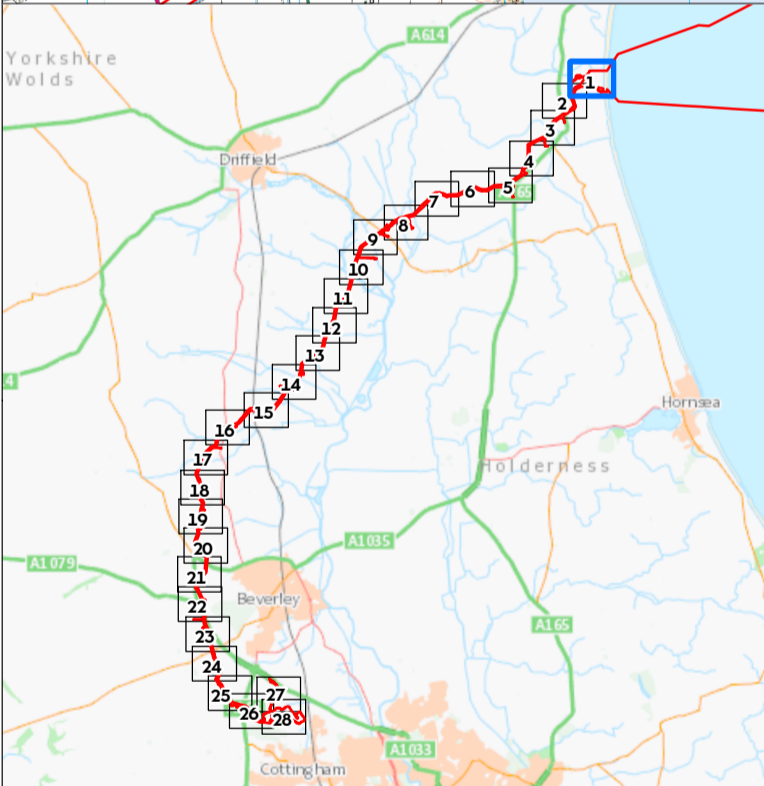
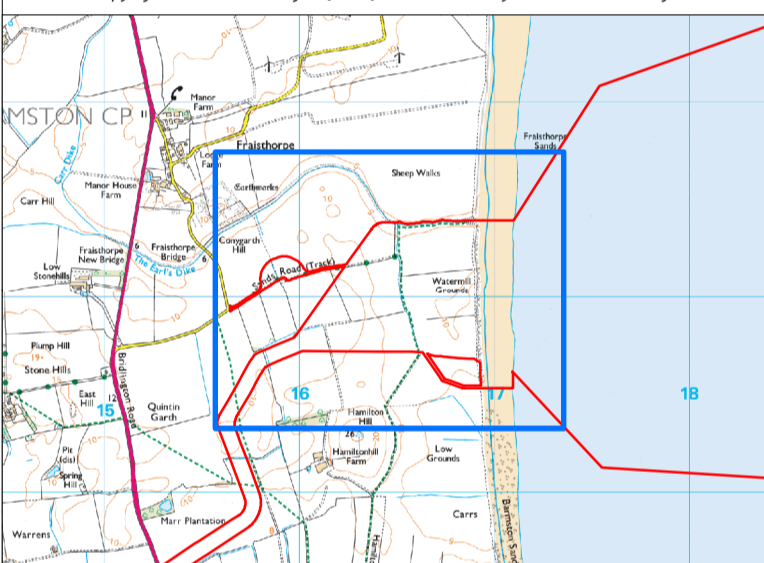


Hornsea Project Four Offshore Wind Farm Onshore Crossing Schedule Sheet 1 of 28

APFP Regulations Reference : 5(2)(a) Application Document Number : A4.4.2

-  Sheet Boundary
-  Crossing Point (Onshore)
-  Order Limits
-  Public Right of Way
-  Hedgerow
- Utilities Provider**
-  Northern Powergrid
-  Watercourse
-  Waterbody
- Horizontal Directional Drilling; Indicative HDD Area**
- Proposed Crossing Method**
-  HDD/Open Cut with bridge/culvert
-  HDD/Open Cut with haul road

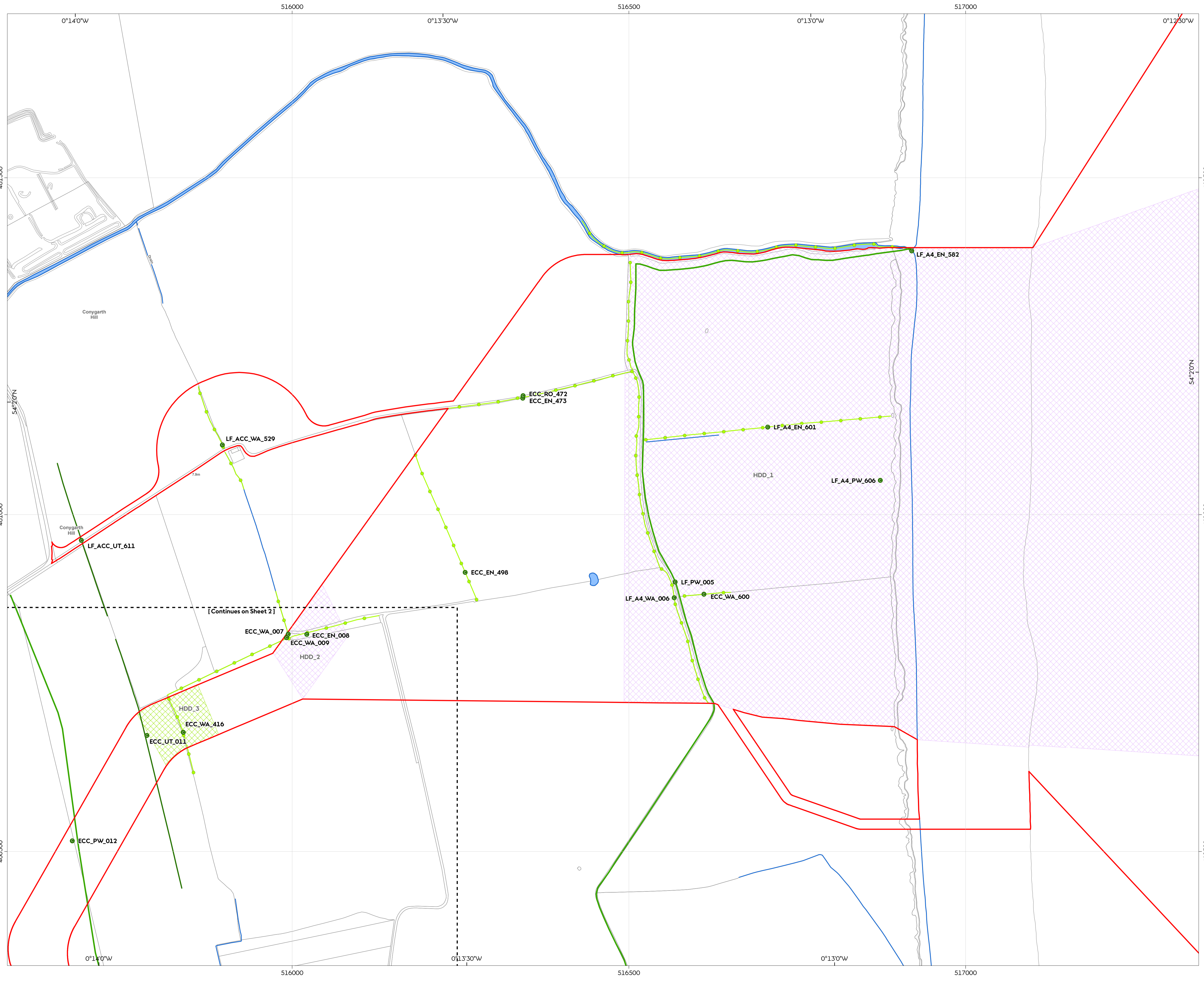
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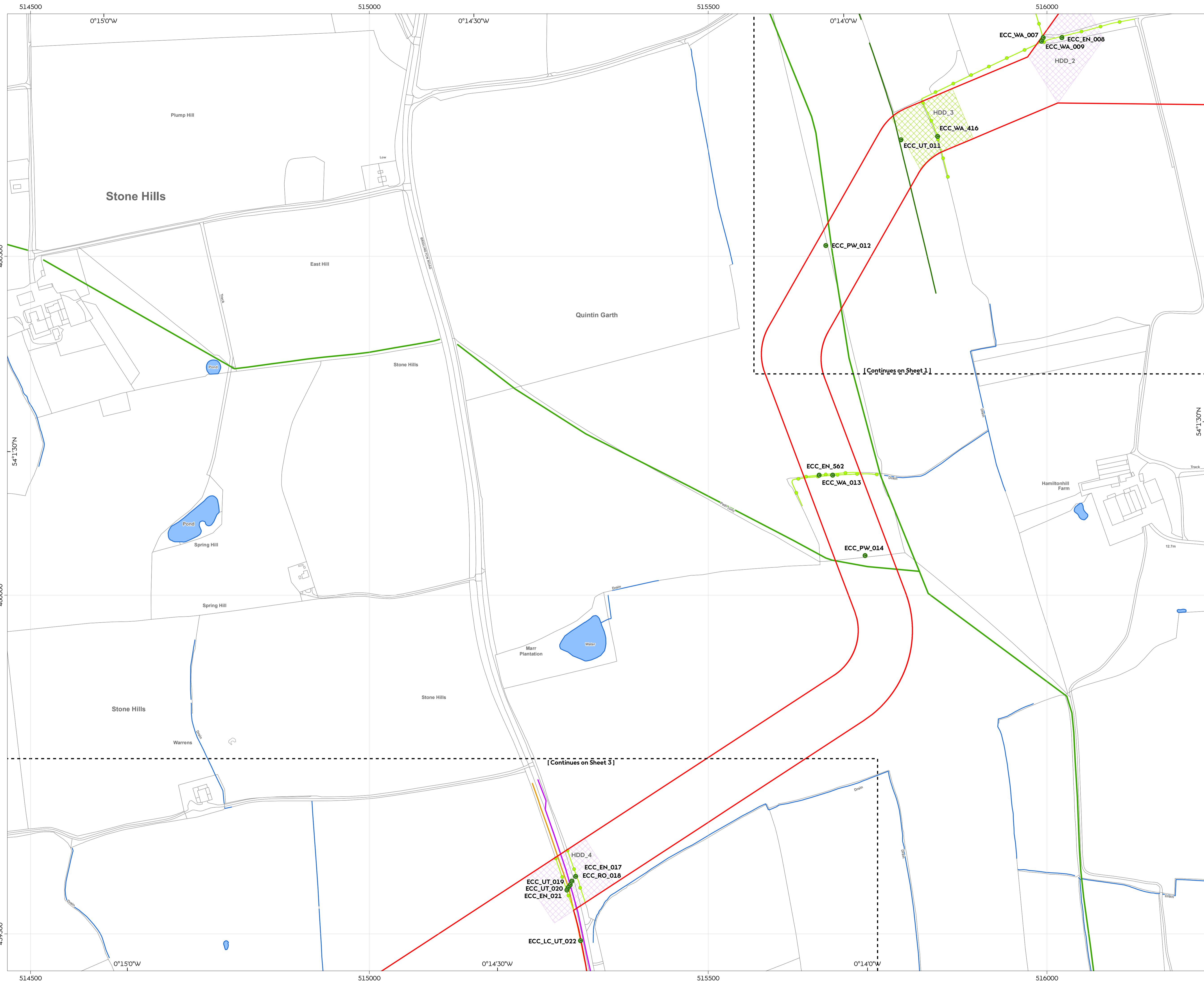
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GRID NORTH

REV	REVISION	DATE
1	Final Issue for ODO	16/09/2021
A	Updated various onshore project elements, following consultation	16/09/2021

Onshore Crossing Schedule
Document no: HOW040419
Created by: XDAOO
Checked by: WATTS
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[Continues on Sheet 2]



Hornsea Project Four Offshore Wind Farm

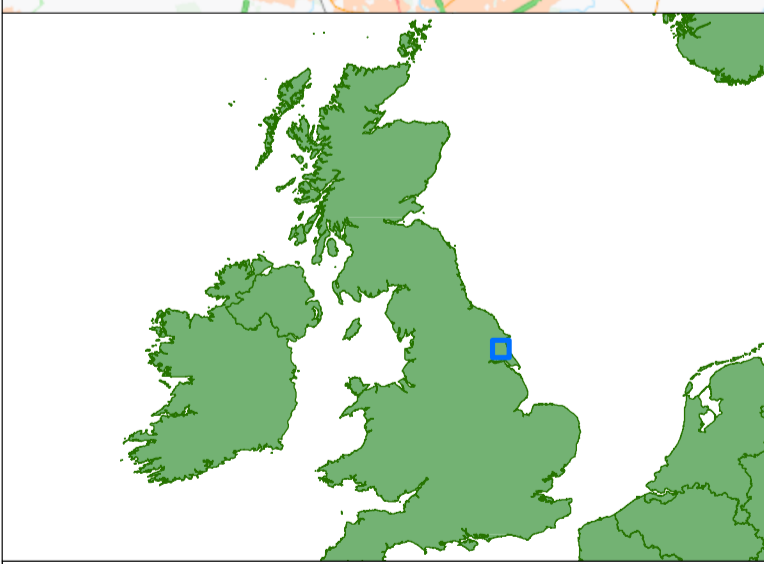
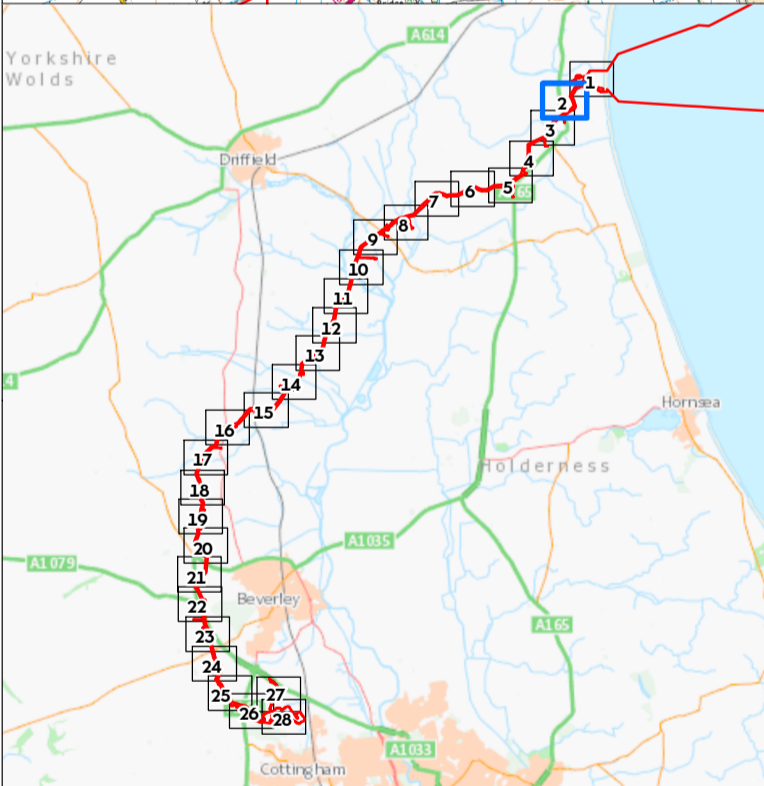
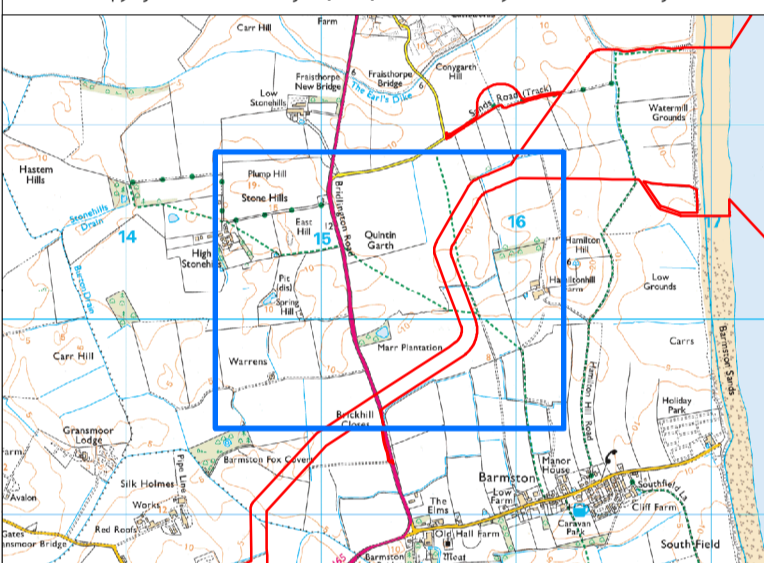
Onshore Crossing Schedule

Sheet 2 of 28

APFP Regulations Reference : 5(2)(a) Application Document Number : A4.4.2

- Sheet Boundary
- Crossing Point (Onshore)
- Order Limits
- Public Right of Way
- Hedgerow
- Utilities Provider**
- Northern Powergrid
- Openreach - [British Telecommunications]
- Yorkshire Water
- Watercourse
- Waterbody
- Horizontal Directional Drilling: Indicative HDD Area**
- HDD/Open Cut with bridge/culvert
- HDD/Open Cut with haul road

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REV	REVISION	DATE
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A	Updated various onshore project elements, following consultation	16/09/2021

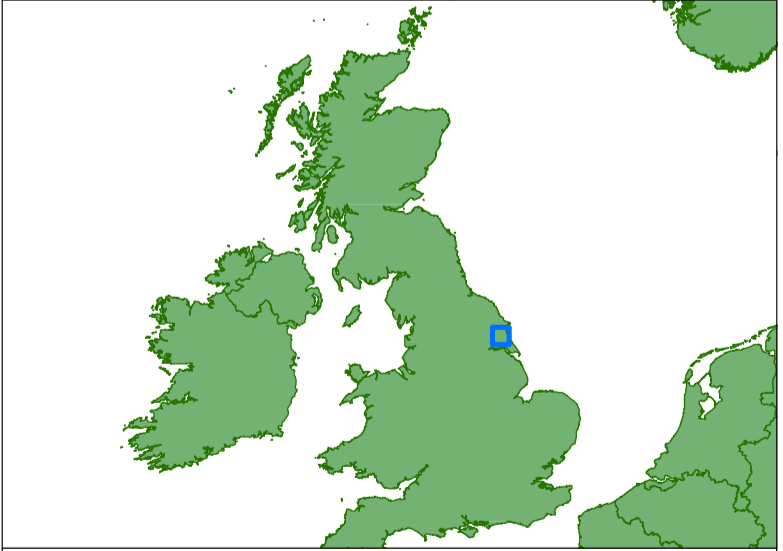
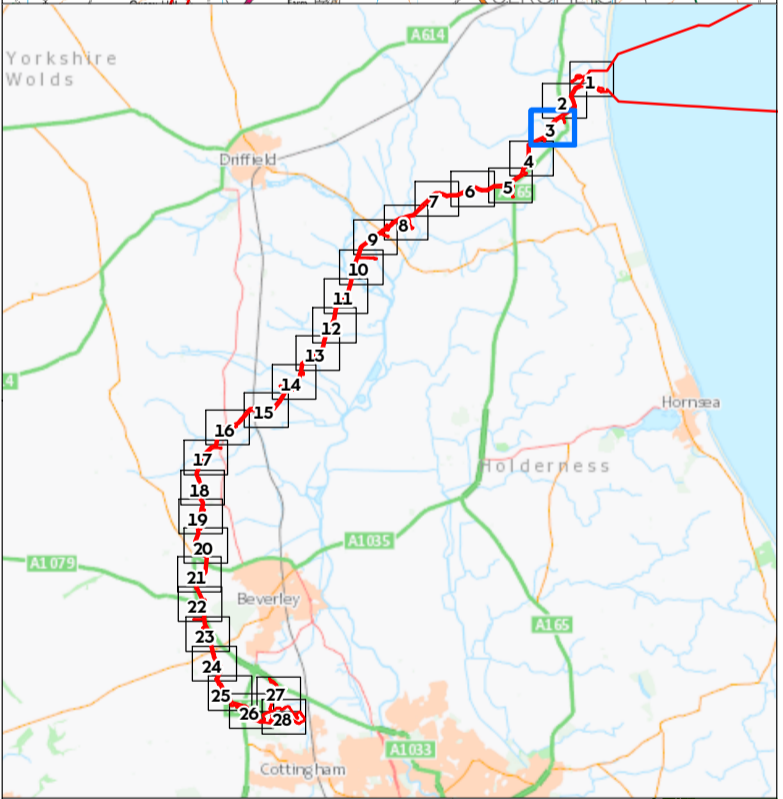
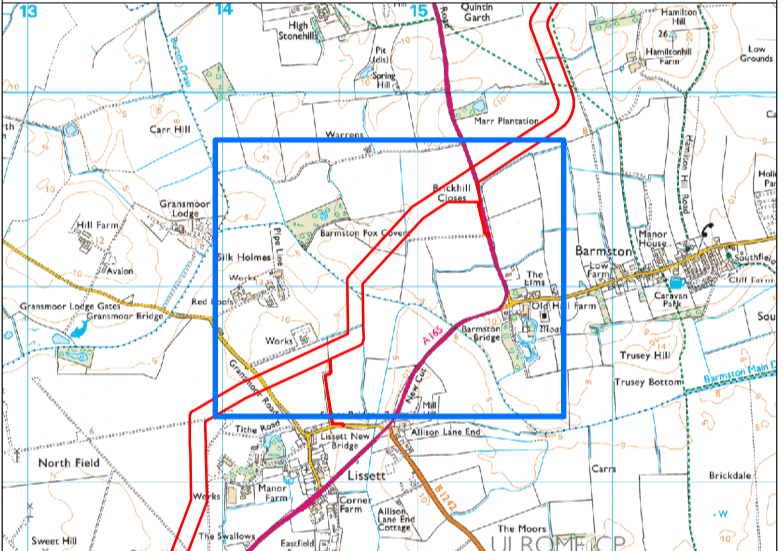
Onshore Crossing Schedule
 Document no: HOW04019
 Created by: XDAOO
 Checked by: WATTS
 Accepted by: KELLY
 Approved by: JAMIB

Hornsea Project Four Offshore Wind Farm Onshore Crossing Schedule Sheet 3 of 28

APFP Regulations Reference : 5(2)(a) Application Document Number : A4.4.2

-  Sheet Boundary
-  Crossing Point (Onshore)
-  Order Limits
-  Hedgerow
- Utilities Provider**
-  Northern Powergrid
-  Openreach - [British Telecommunications]
-  Yorkshire Water
-  Watercourse
-  Waterbody
- Horizontal Directional Drilling: Indicative HDD Area**
- Proposed Crossing Method**
-  HDD/Open Cut with haul road

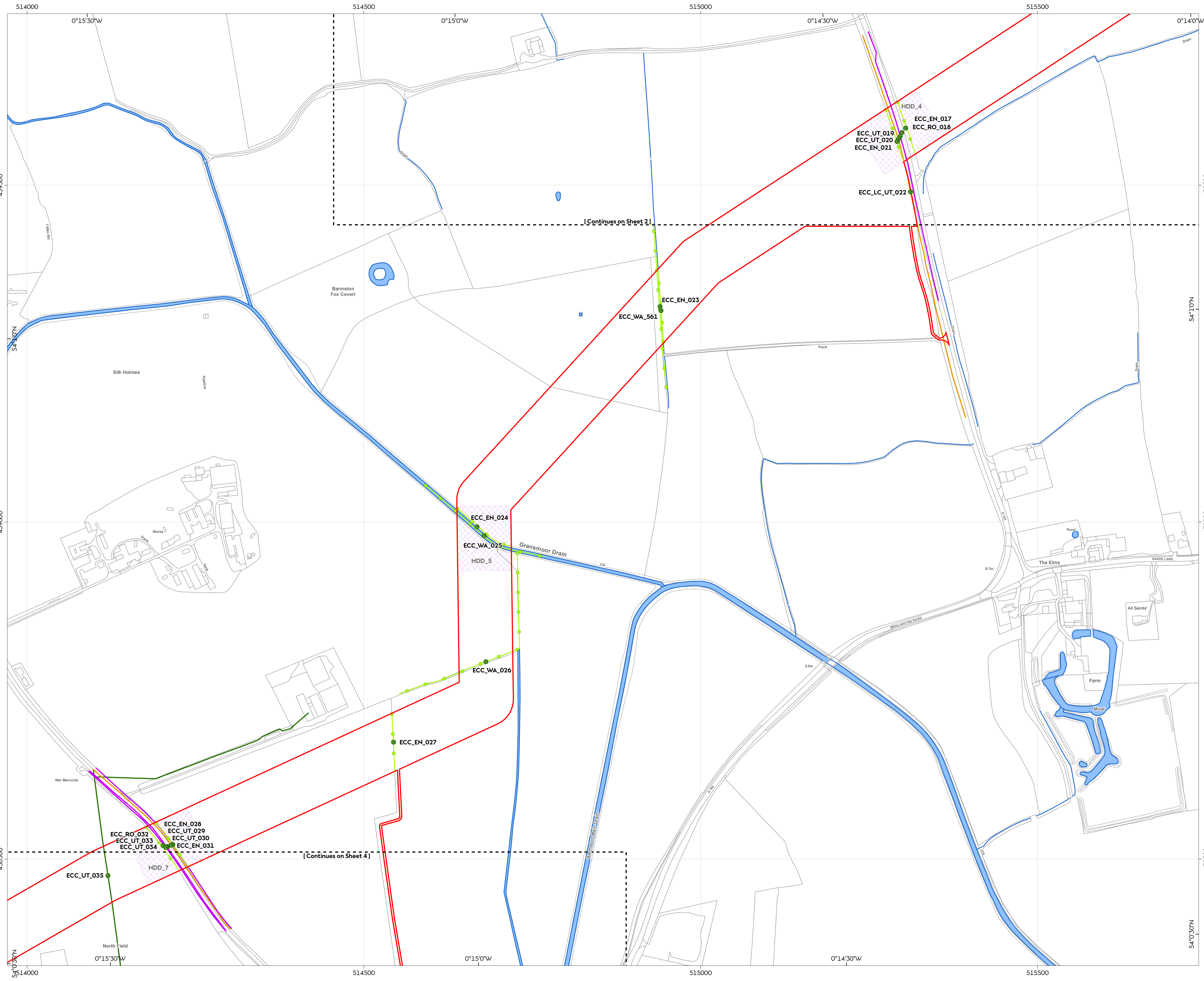
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0 25 50 100 Yards

REV	REVISION	DATE
1	Final Issue for O&M	16/06/2021
A	Updated various onshore project elements, following consultation	16/06/2021

Onshore Crossing Schedule
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Checked by: WATTS
Accepted by: KELLY
Approved by: JAMIB



[Continues on Sheet 2]

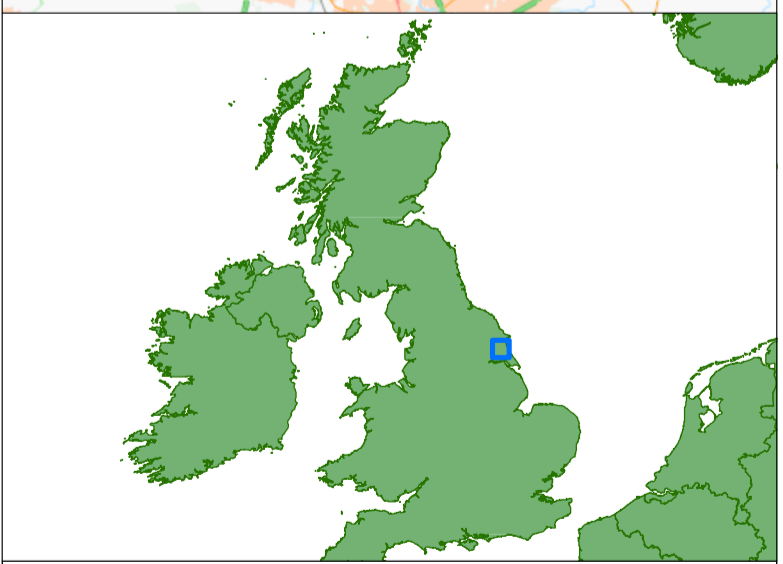
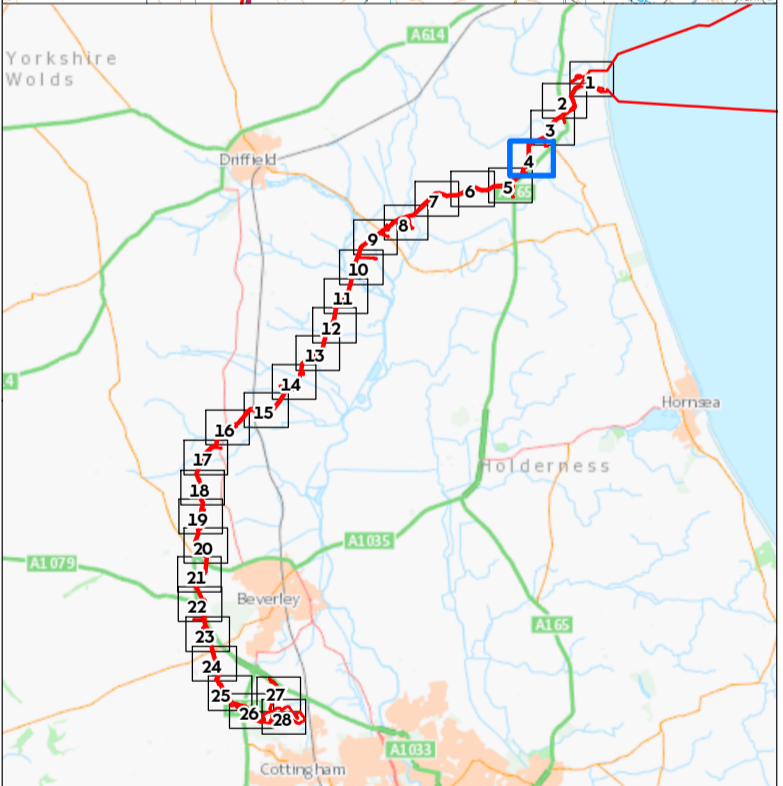
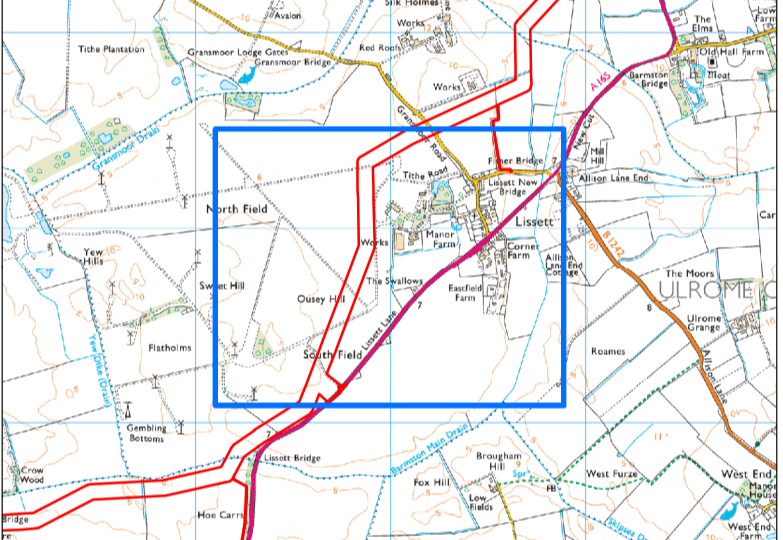
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Hornsea Project Four Offshore Wind Farm Onshore Crossing Schedule Sheet 4 of 28

APFP Regulations Reference: 5(2)(a) Application Document Number: A4.4.2

- Sheet Boundary
- Crossing Point (Onshore)
- Order Limits
- Hedgerow
- Utilities Provider**
 - Cadent Gas (Above 7 bar and 2 bar) and National Grid Electricity Transmission
 - Northern Powergrid
 - Openreach - [British Telecommunications]
 - Yorkshire Water
 - Watercourse
 - Waterbody
- Horizontal Directional Drilling; Indicative HDD Area**
- Proposed Crossing Method**
 - HDD with haul road
 - HDD/Open Cut with haul road

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Vertical reference: ODN
Scale @ A1: 1:2,500

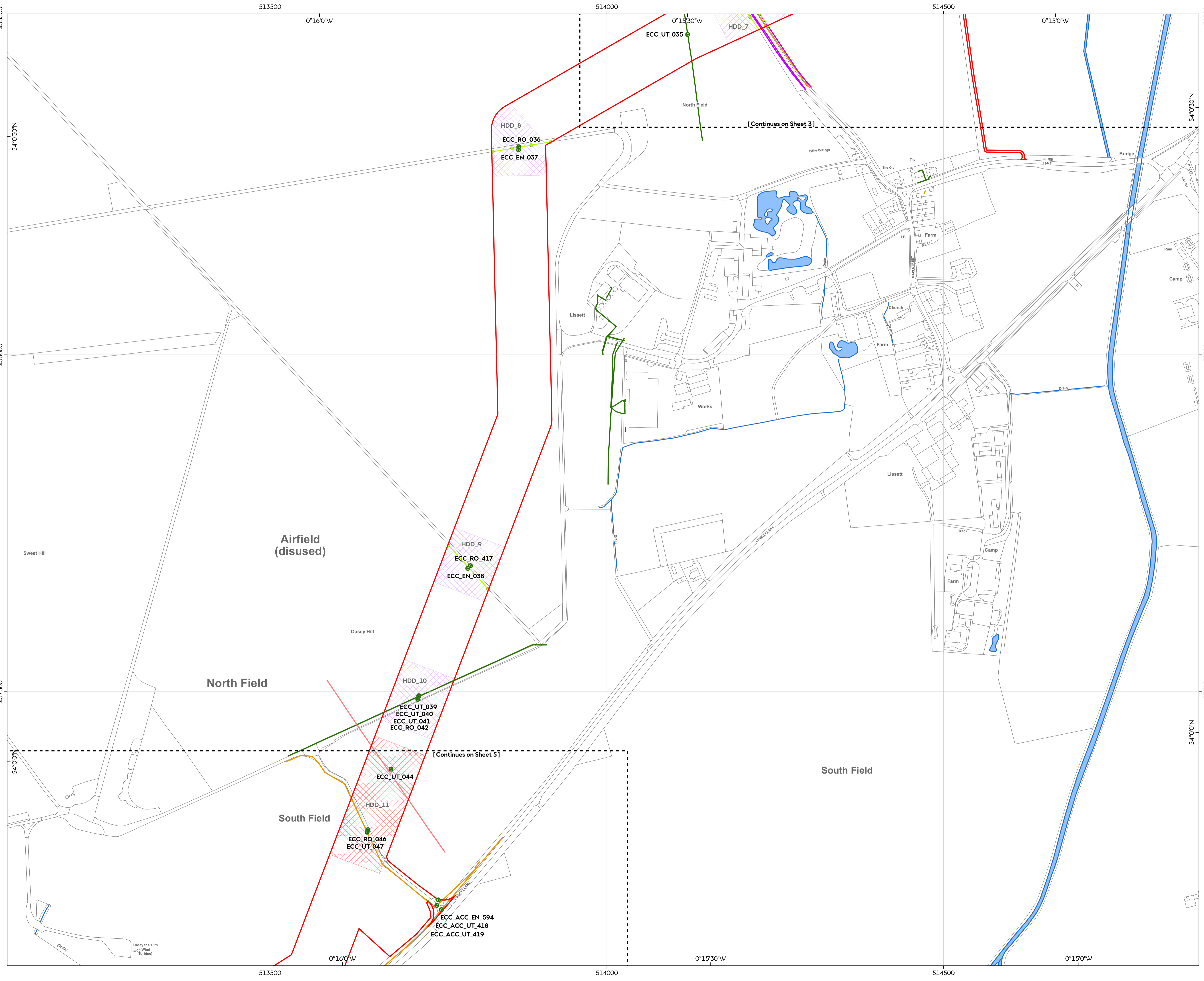
0 25 50 100 Meters

0 25 50 100 Yards

GRID NORTH












REV	REVISION	DATE
1	Final Issue for O&M	16/09/2021
A	Updated various onshore project elements, following consultation	16/09/2021

Onshore Crossing Schedule
Document no: HOW040419
Created by: XDAO0
Checked by: WATTS
Accepted by: KELLY
Approved by: JAMIB

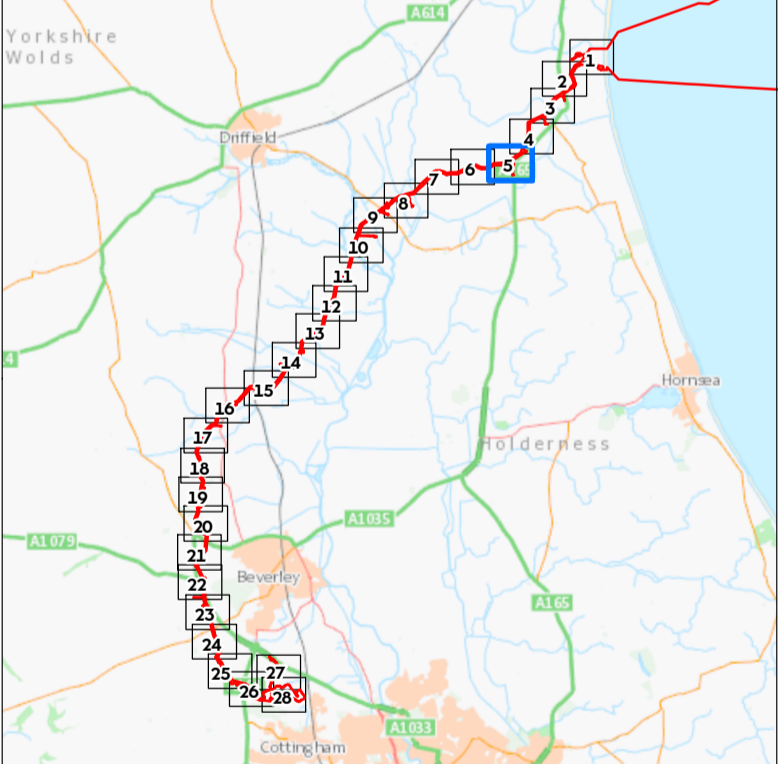
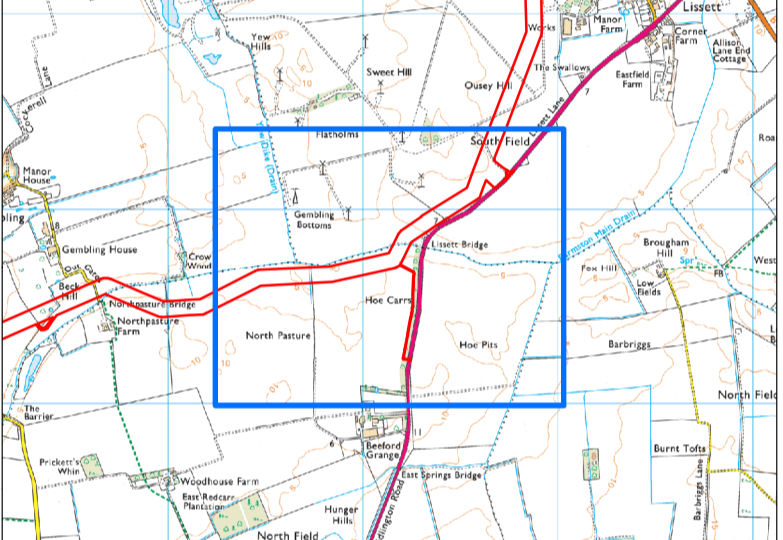


Hornsea Project Four Offshore Wind Farm Onshore Crossing Schedule Sheet 5 of 28

APFP Regulations Reference: 5(2)(a) Application Document Number: A4.4.2

-  Sheet Boundary
-  Crossing Point (Onshore)
-  Order Limits
-  Hedgerow
- Utilities Provider**
 -  Cadent Gas (Above 7 bar and 2 bar) and National Grid Electricity Transmission
 -  Northern Powergrid
 -  Openreach - [British Telecommunications]
 -  Watercourse
 -  Waterbody
- Horizontal Directional Drilling: Indicative HDD Area**
- Proposed Crossing Method**
 -  HDD with bridge/culvert
 -  HDD with haul road

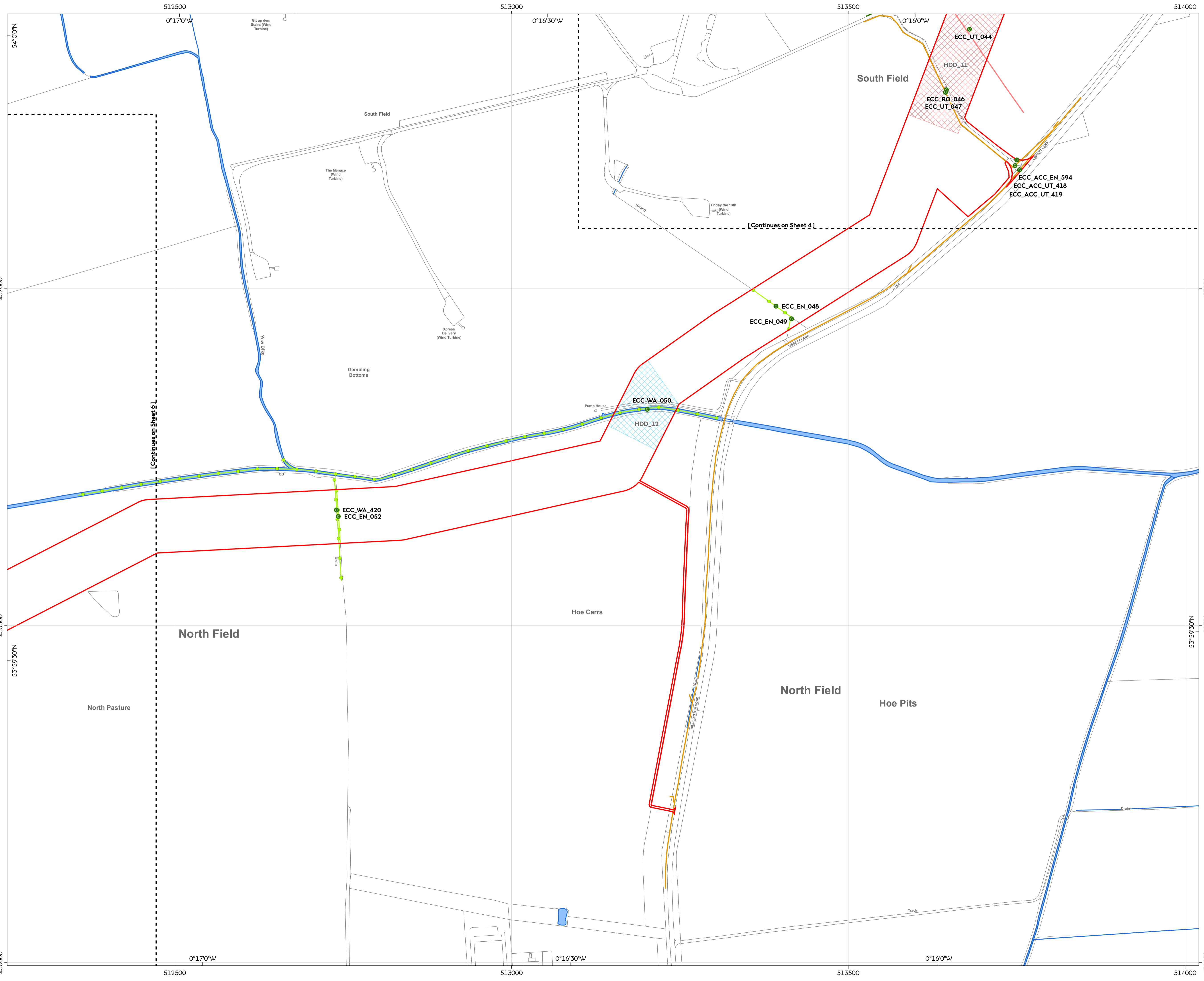
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Coordinate system: British National Grid
Vertical reference: ODN
Scale @ A1: 1:2,500
0 25 50 100 Meters
0 25 50 100 Yards
GRID NORTH

REV	REVISION	DATE
1	Final Issue for O&C	16/09/2021
A	Updated various onshore project elements, following consultation	16/09/2021

Onshore Crossing Schedule
Document no: HOW040419
Checked by: XDAO0
Accepted by: WATTS
Approved by: JAMIB

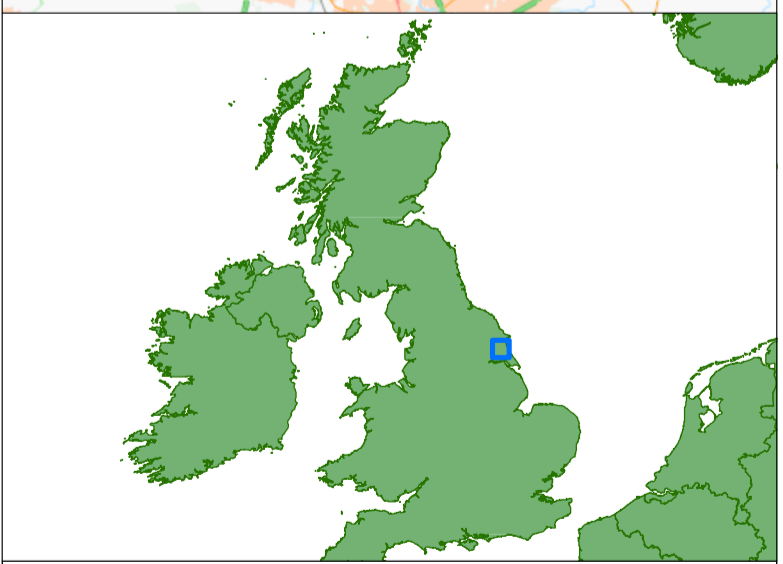
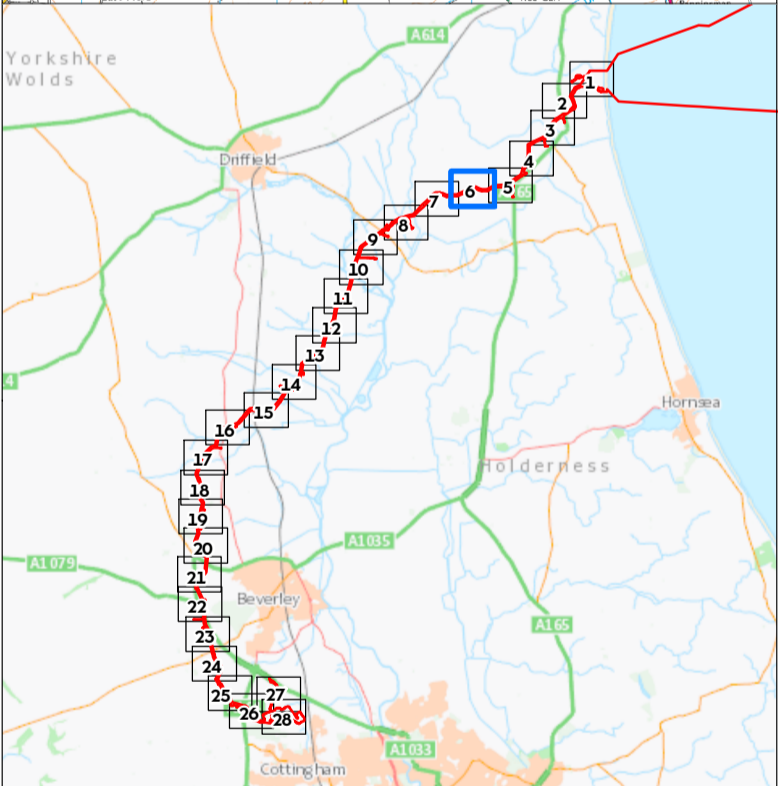
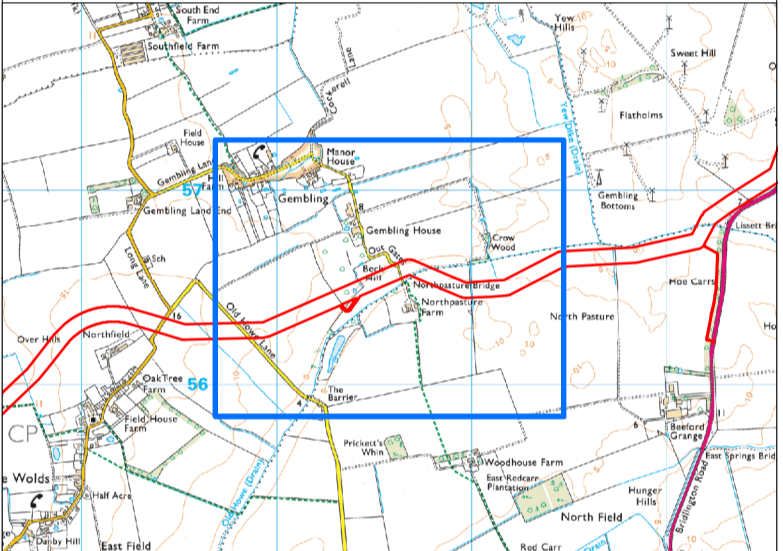


Hornsea Project Four Offshore Wind Farm Onshore Crossing Schedule Sheet 6 of 28

APFP Regulations Reference: 5(2)(a) Application Document Number: A4.4.2

- Sheet Boundary
- Crossing Point (Onshore)
- Order Limits
- Public Right of Way
- Hedgerow
- Utilities Provider**
 - Northern Gas Networks
 - Openreach - [British Telecommunications]
 - Yorkshire Water
 - Watercourse
 - Waterbody
- Horizontal Directional Drilling: Indicative HDD Area**
- Proposed Crossing Method**
 - HDD Only
 - HDD with bridge/culvert
 - HDD/Open Cut with bridge/culvert
 - HDD/Open Cut with haul road

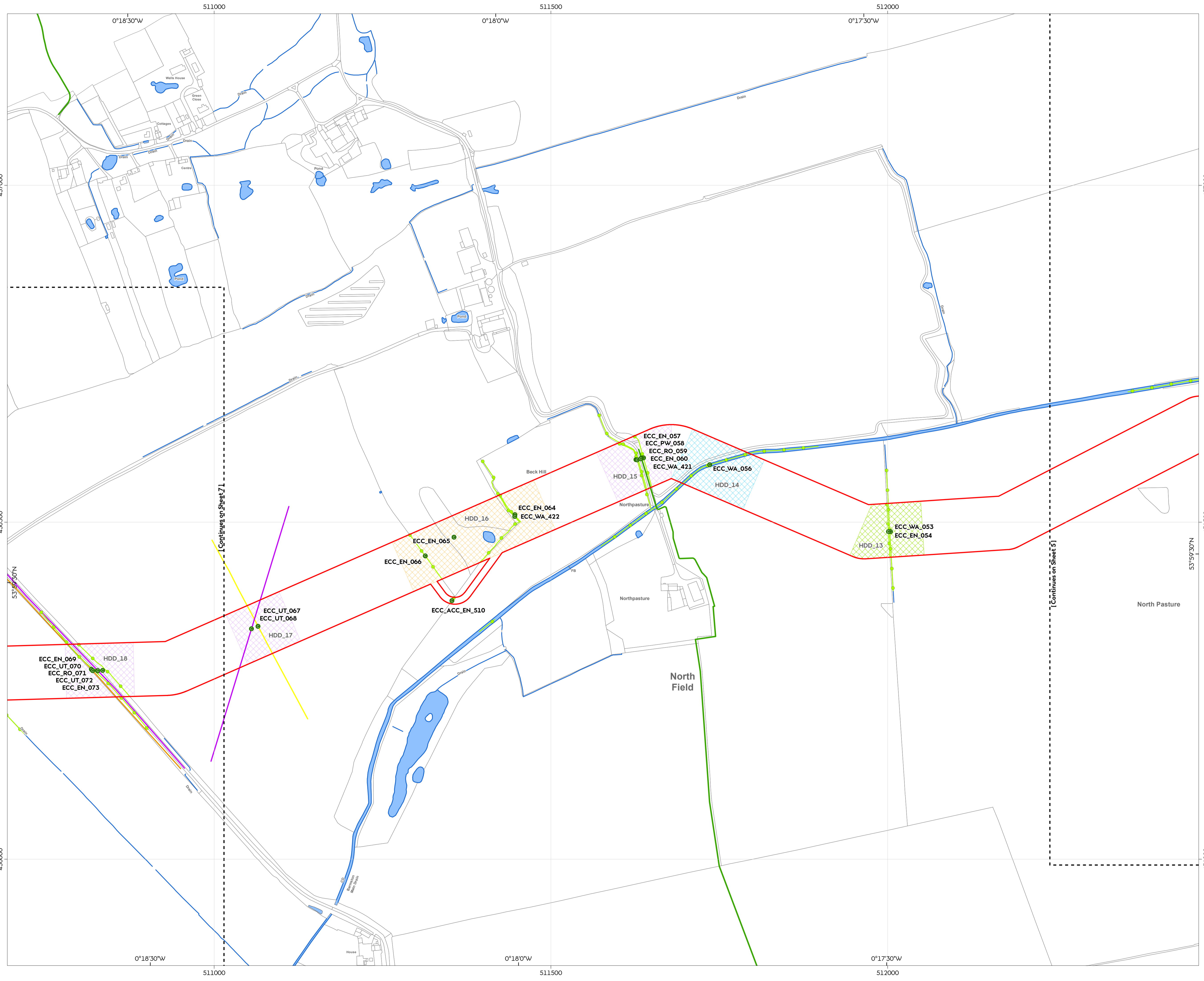
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Coordinate system: British National Grid
Vertical reference: ODN
Scale @ A1: 1:2,500
0 25 50 100 Meters
0 25 50 100 Yards
GRID NORTH










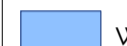

REV	REVISION	DATE
1	Final Issue for ODO	16/06/2021
A	Updated various onshore project elements, following consultation	16/06/2021

Onshore Crossing Schedule
Document no: HOW040419
Created by: XDAO0
Checked by: WATTS
Accepted by: KELLY
Approved by: JAMIB

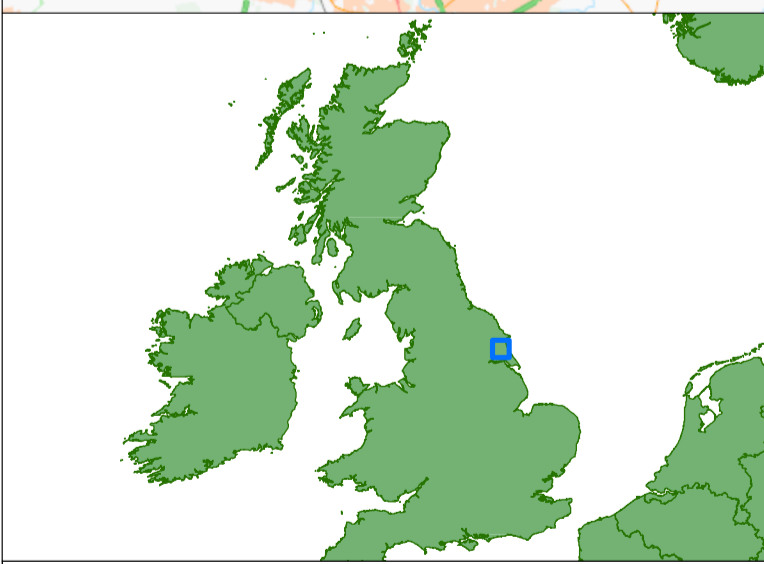
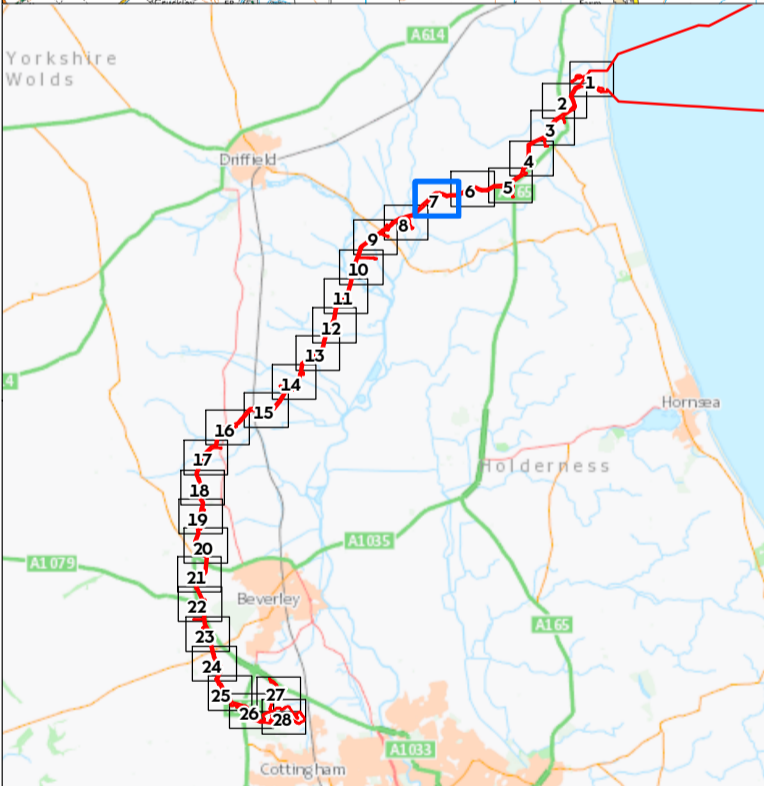
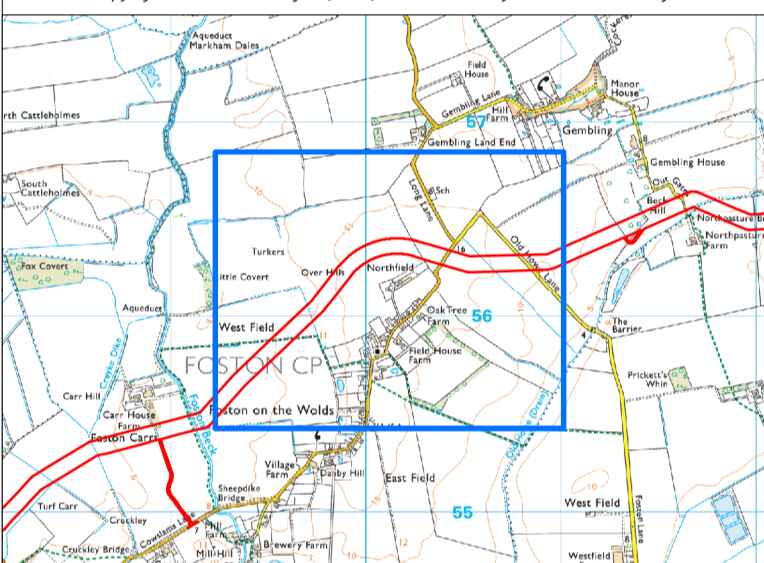


Hornsea Project Four Offshore Wind Farm Onshore Crossing Schedule Sheet 7 of 28

APFP Regulations Reference : 5(2)(a) Application Document Number : A4.4.2

-  Sheet Boundary
-  Crossing Point (Onshore)
-  Order Limits
-  Public Right of Way
-  Hedgerow
- Utilities Provider**
-  Northern Gas Networks
-  Northern Powergrid
-  Openreach - [British Telecommunications]
-  Yorkshire Water
-  Watercourse
-  Waterbody
- Horizontal Directional Drilling: Indicative HDD Area**
- Proposed Crossing Method**
-  HDD/Open Cut with haul road

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Coordinate system: British National Grid
Vertical reference: ODN
Scale @ A1: 1:2,500

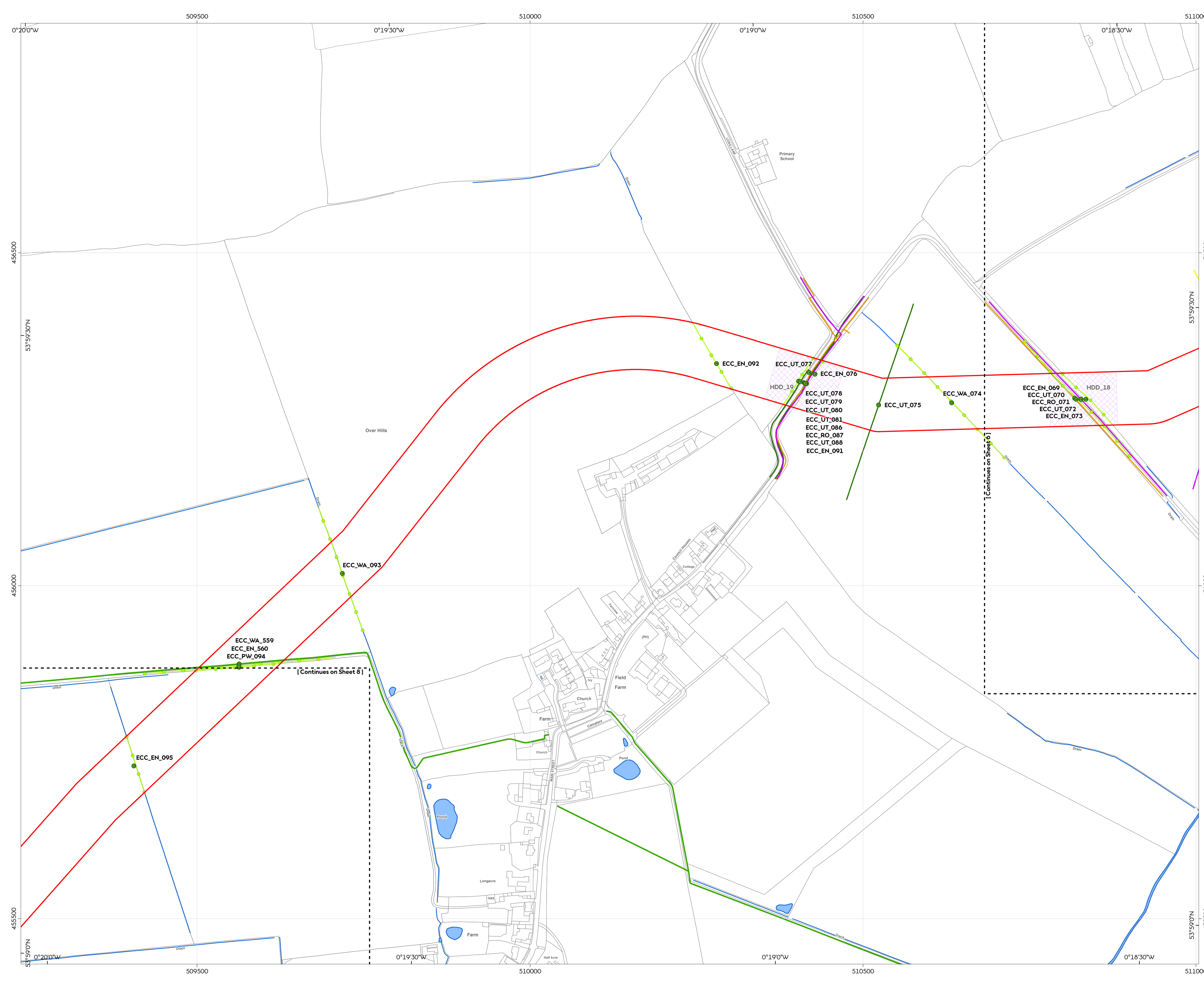
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0 25 50 100 Yards

GRID NORTH

REV	REVISION	DATE
1	Final Issue for ODO	16/06/2021
A	Updated various onshore project elements, following consultation	16/06/2021

Onshore Crossing Schedule
Document no: HOW04019
Checked by: XDAOO
Accepted by: WATTS
Approved by: JAMIB

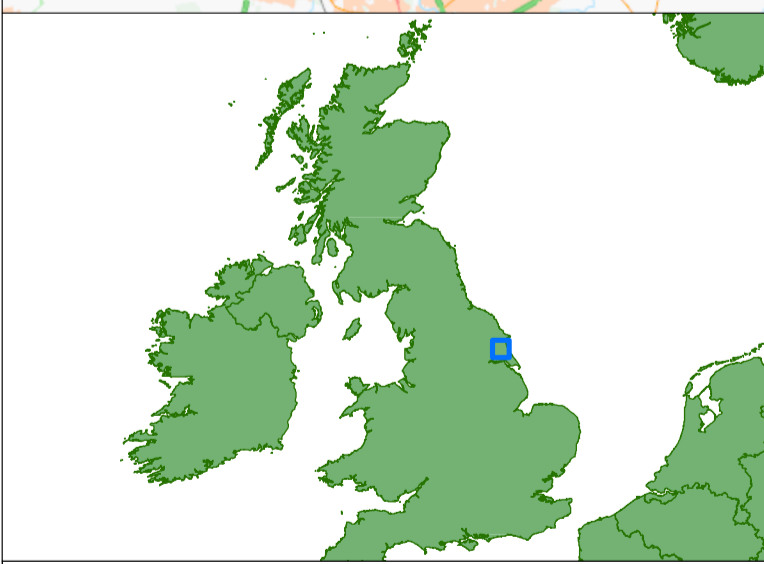
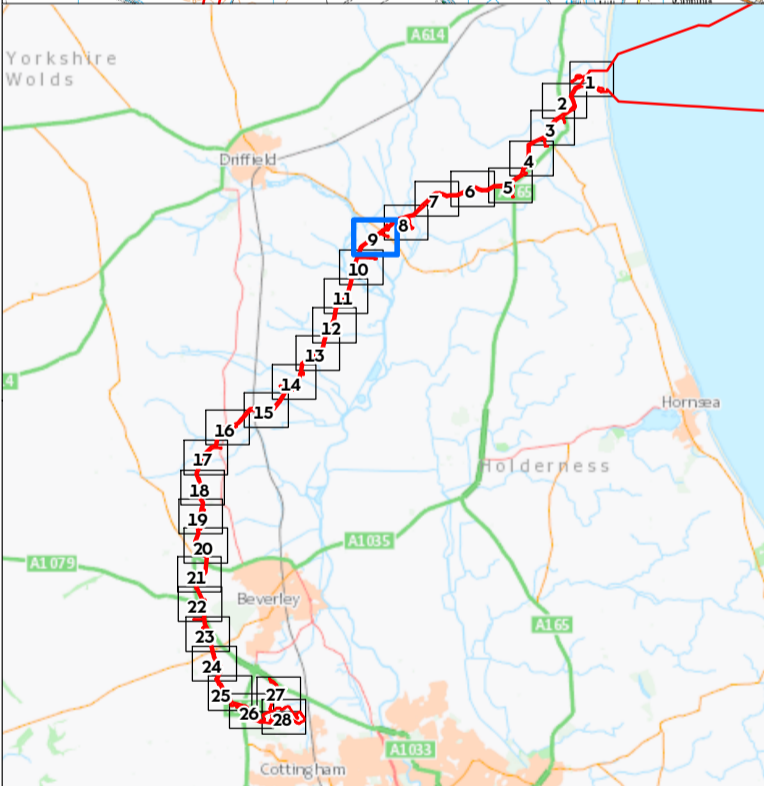
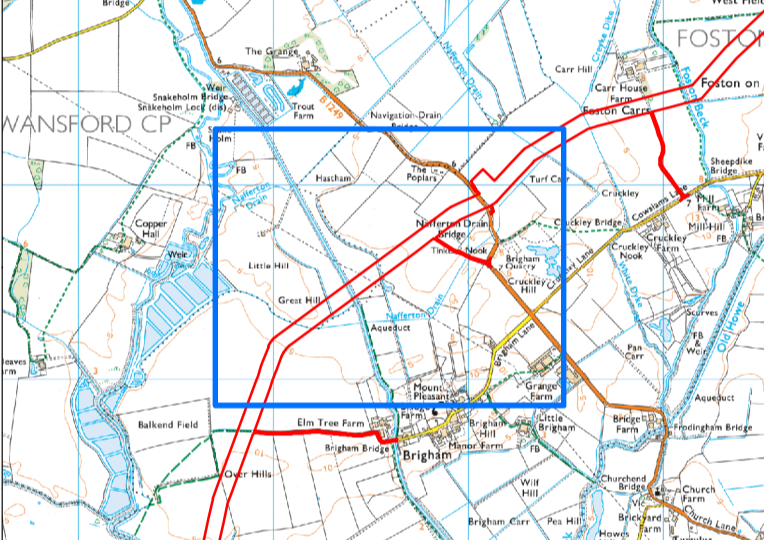


Hornsea Project Four Offshore Wind Farm Onshore Crossing Schedule Sheet 9 of 28

APFP Regulations Reference: 5(2)(a) Application Document Number: A4.4.2

- Sheet Boundary
- Crossing Point (Onshore)
- Order Limits
- Public Right of Way
- Hedgerow
- Utilities Provider**
 - Northern Powergrid
 - Openreach - [British Telecommunications]
 - Yorkshire Water
 - Watercourse
 - Waterbody
- Horizontal Directional Drilling: Indicative HDD Area**
- Proposed Crossing Method**
 - HDD with bridge/culvert
 - HDD with haul road
 - HDD/Open Cut with haul road

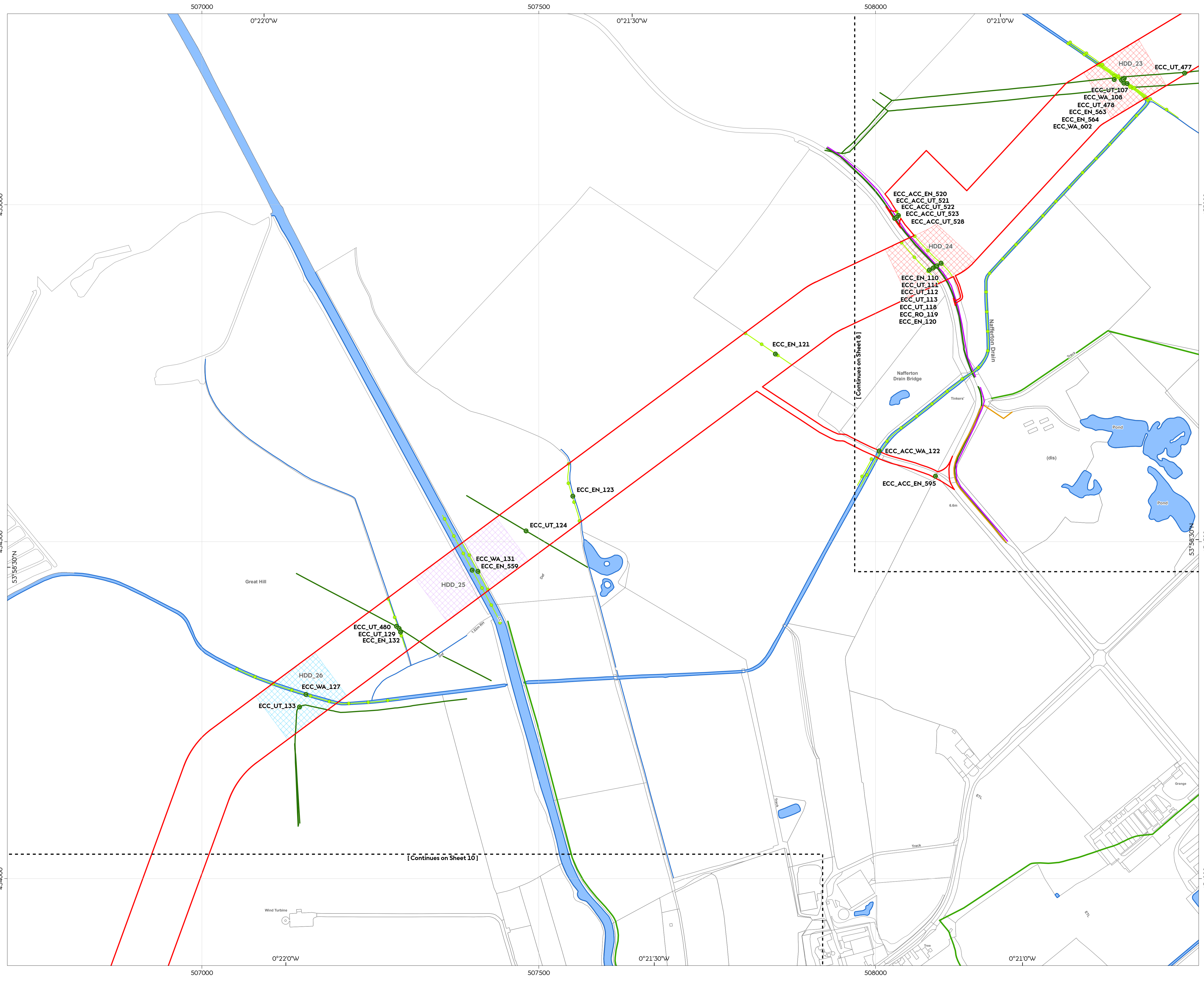
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Coordinate system: British National Grid
Vertical reference: ODN
Scale @ A1: 1:2,500
0 25 50 100 Meters
0 25 50 100 Yards
GRID NORTH

REV	REVISION	DATE
1	Final Issue for OGD	16/09/2021
A	Updated various onshore project elements, following consultation	16/09/2021

Onshore Crossing Schedule
Document no: HOW040419
Created by: XDAOO
Checked by: WATTS
Accepted by: KELLY
Approved by: JAMIB

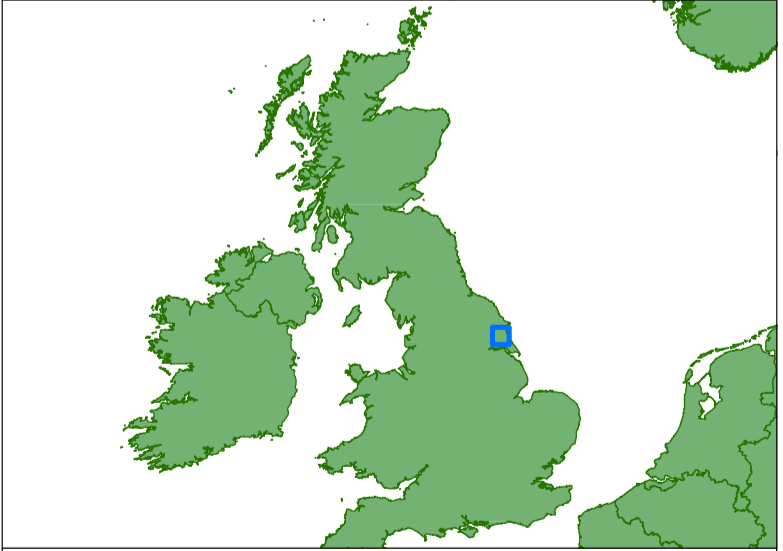
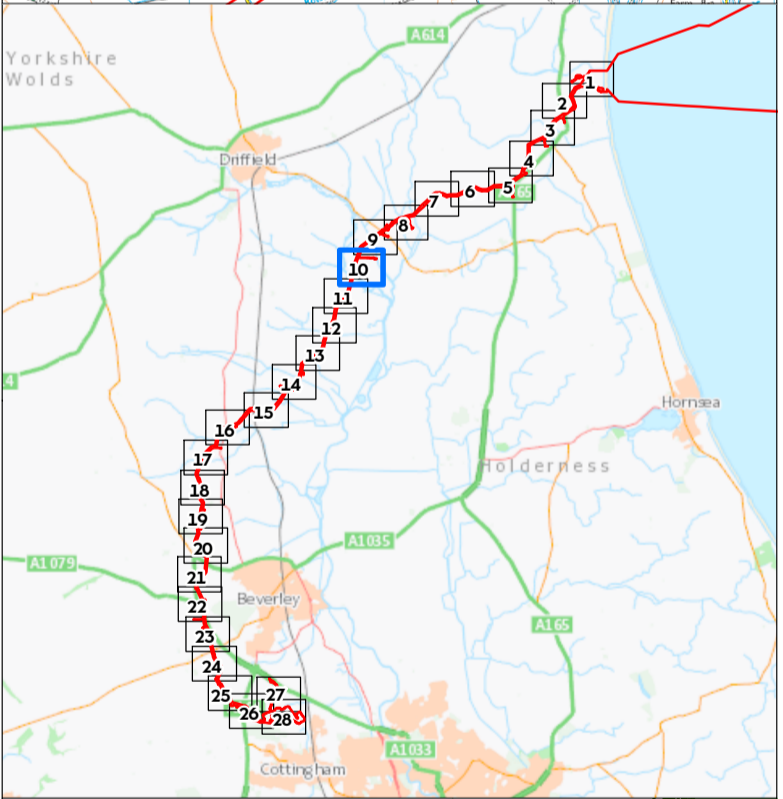
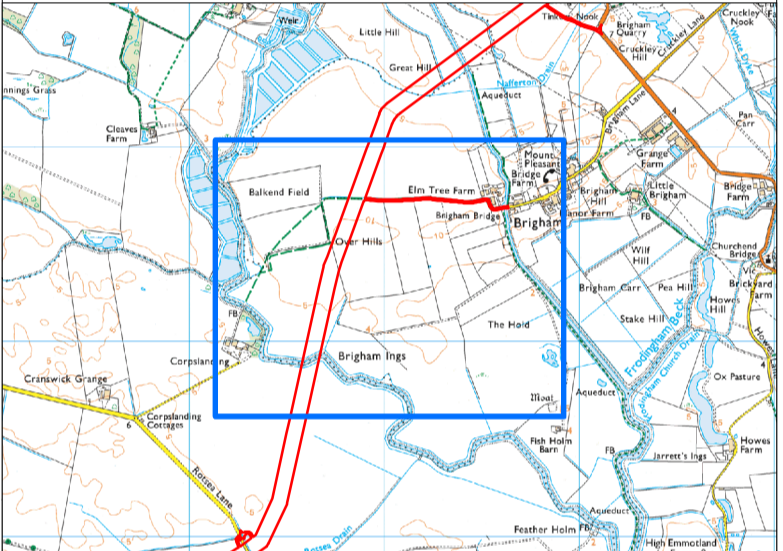


Hornsea Project Four Offshore Wind Farm Onshore Crossing Schedule Sheet 10 of 28

APFP Regulations Reference : 52(a) Application Document Number : A4.4.2

- Sheet Boundary
- Crossing Point (Onshore)
- Order Limits
- Public Right of Way
- Hedgerow
- Utilities Provider**
- Northern Powergrid
- Openreach - (British Telecommunications)
- Yorkshire Water
- Watercourse
- Waterbody
- Horizontal Directional Drilling: Indicative HDD Area**
- Proposed Crossing Method**
- HDD with haul road

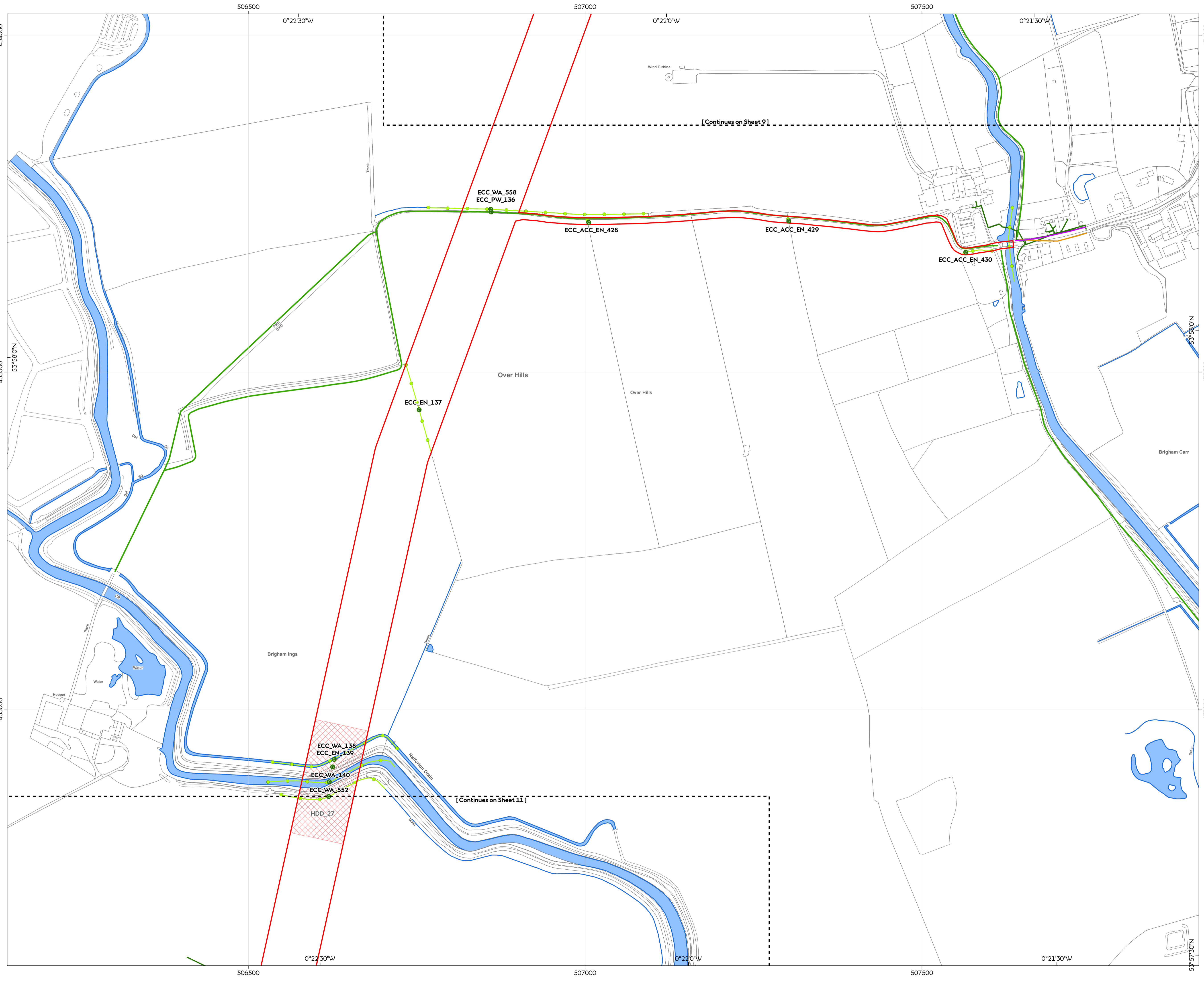
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Coordinate system: British National Grid
Vertical reference: ODN
Scale @ A1: 1:2,500
0 25 50 100 Meters
0 25 50 100 Yards
GRID NORTH







REV	REVISION	DATE
1	Final Issue for O&M	16/09/2021
A	Updated various onshore project elements, following consultation	16/09/2021

Onshore Crossing Schedule
Document no: HOW040419
Created by: XDAOO
Checked by: WATTS
Accepted by: KELLY
Approved by: JAMIB

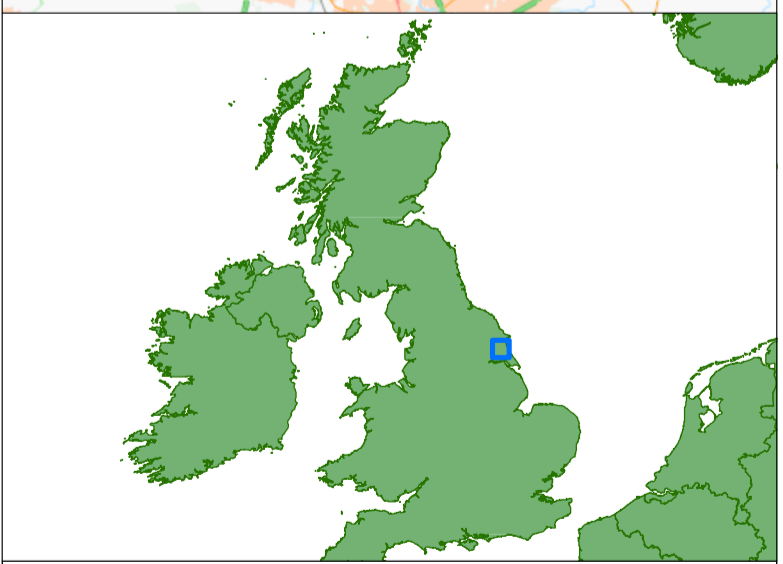
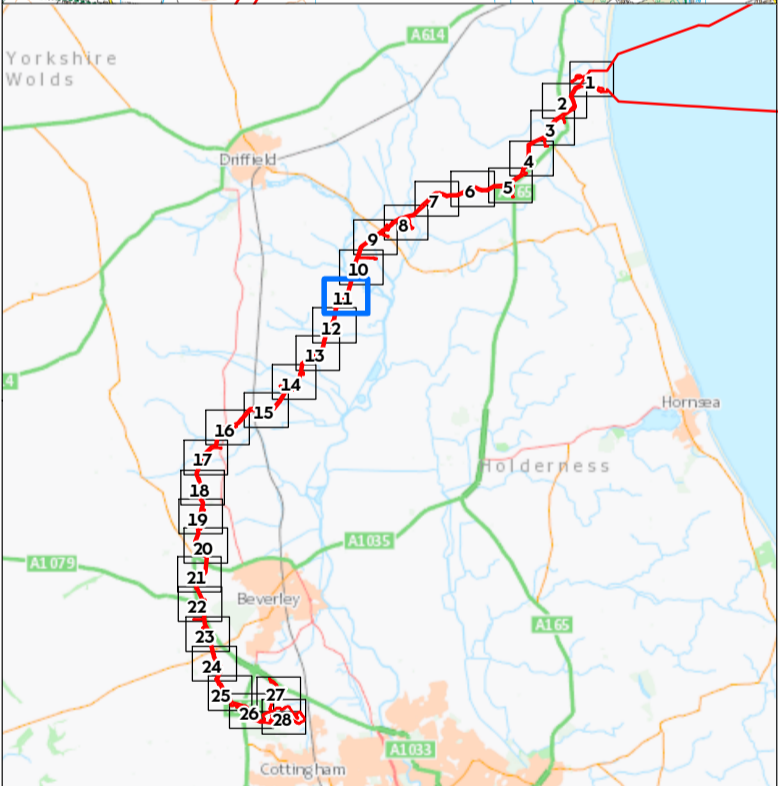
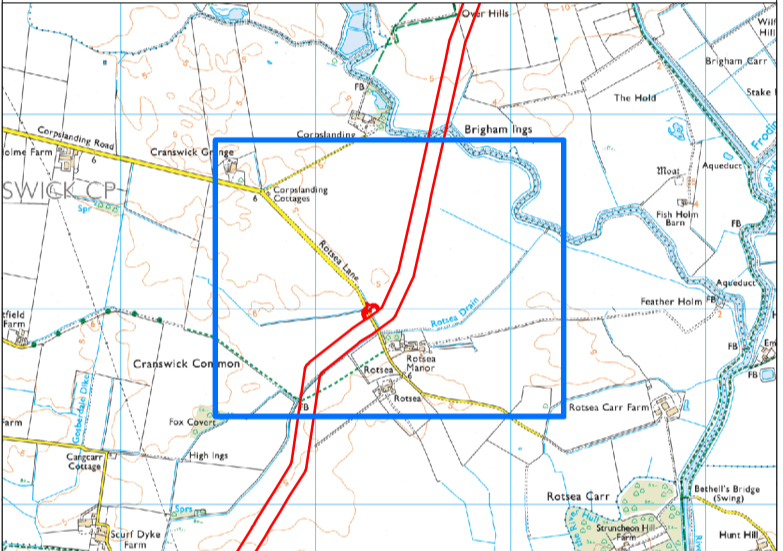


Hornsea Project Four Offshore Wind Farm Onshore Crossing Schedule Sheet 11 of 28

APFP Regulations Reference : 5(2)(a) Application Document Number : A4.4.2

-  Sheet Boundary
-  Crossing Point (Onshore)
-  Order Limits
-  Public Right of Way
-  Hedgerow
- Utilities Provider**
-  Northern Powergrid
-  Openreach - [British Telecommunications]
-  Watercourse
-  Waterbody
- Horizontal Directional Drilling: Indicative HDD Area**
- Proposed Crossing Method**
-  HDD with haul road
-  HDD/Open Cut with haul road

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Coordinate system: British National Grid
Vertical reference: ODN
Scale @ A1: 1:2,500

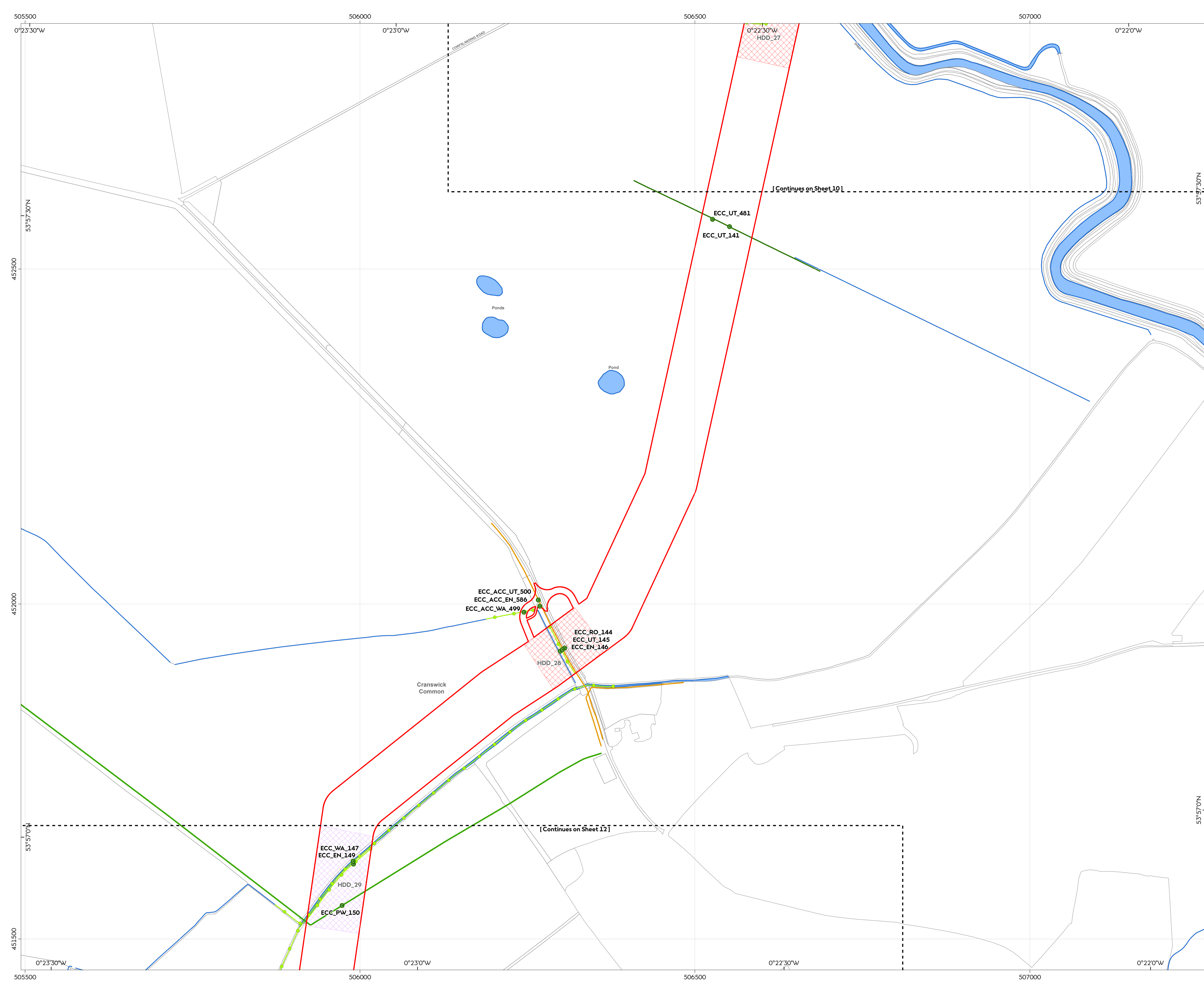
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GRID NORTH










REV	REVISION	DATE
1	Final Issue for ODO	16/06/2021
A	Updated various onshore project elements, following consultation	16/06/2021

Onshore Crossing Schedule
Document no: HOW040419
Created by: XDAOO
Checked by: WATTS
Accepted by: KELLY
Approved by: JAMIB

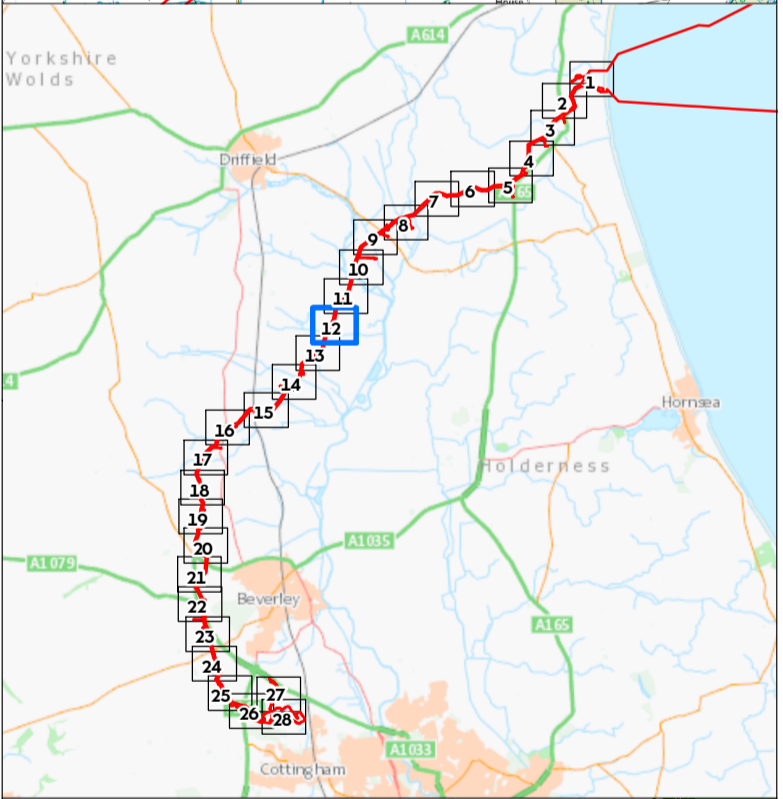
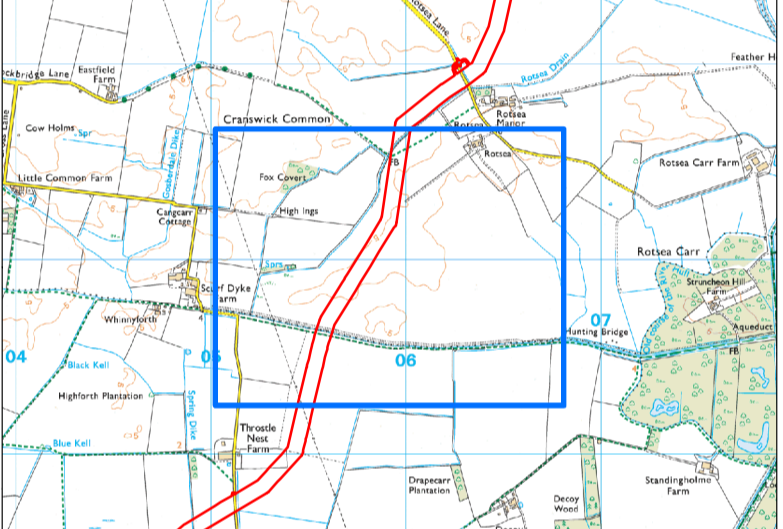


Hornsea Project Four Offshore Wind Farm Onshore Crossing Schedule Sheet 12 of 28

APFP Regulations Reference : 5(2)(a) Application Document Number : A4.4.2

-  Sheet Boundary
-  Crossing Point (Onshore)
-  Order Limits
-  Public Right of Way
-  Hedgerow
- Utilities Provider**
-  Northern Powergrid
-  Watercourse
-  Waterbody
- Horizontal Directional Drilling; Indicative HDD Area**
- Proposed Crossing Method**
-  HDD/Open Cut with haul road

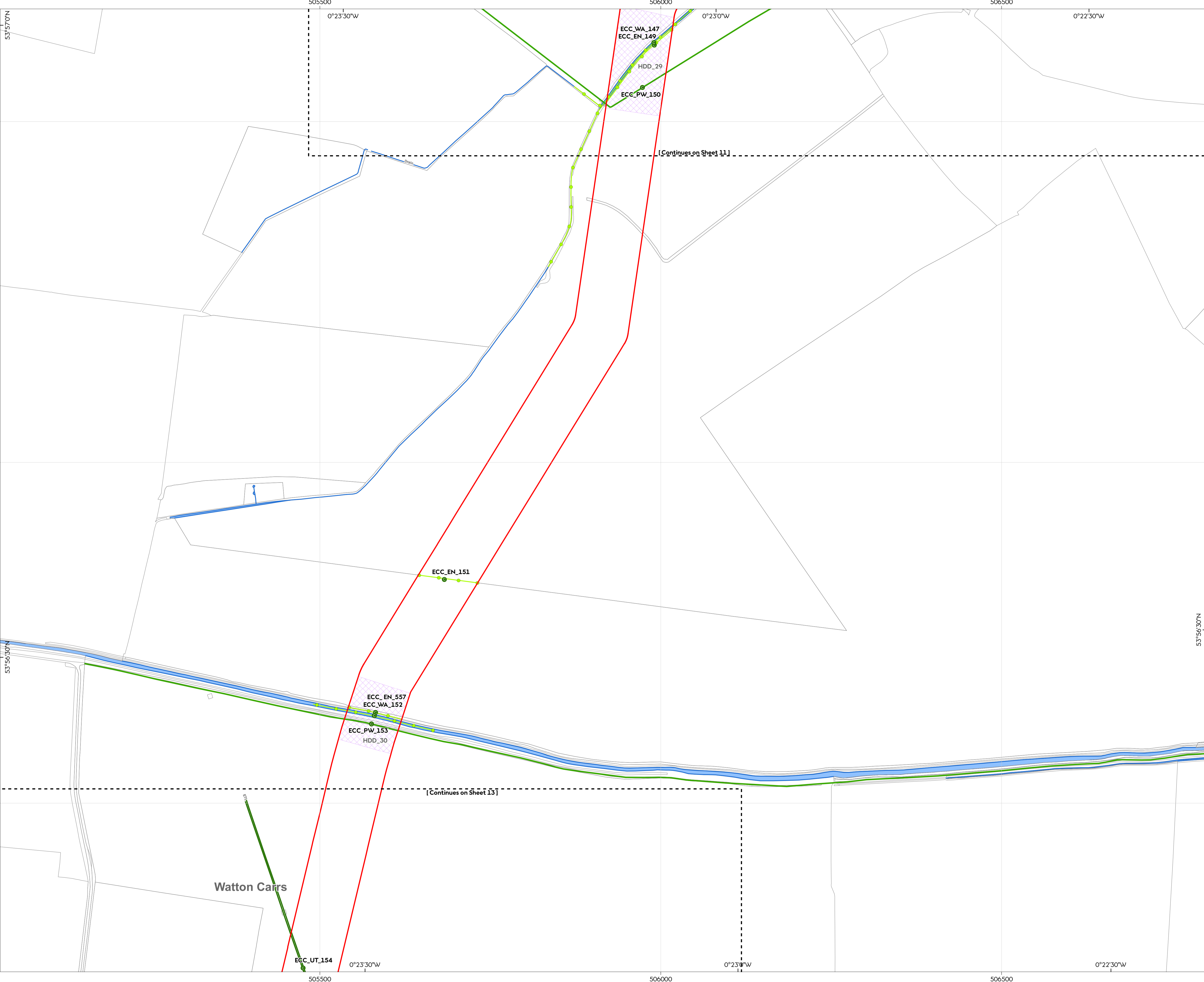
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Coordinate system: British National Grid
Vertical reference: ODN
Scale @ A1: 1:2,500
0 25 50 100 Meters
0 25 50 100 Yards
GRID NORTH

REV	REVISION	DATE
1	Final Issue for OGD	16/09/2021
A	Updated various onshore project elements, following consultation	16/09/2021

Onshore Crossing Schedule
Document no: HOW040419
Created by: XDAOO
Checked by: WATTS
Accepted by: KELLY
Approved by: JAMIB

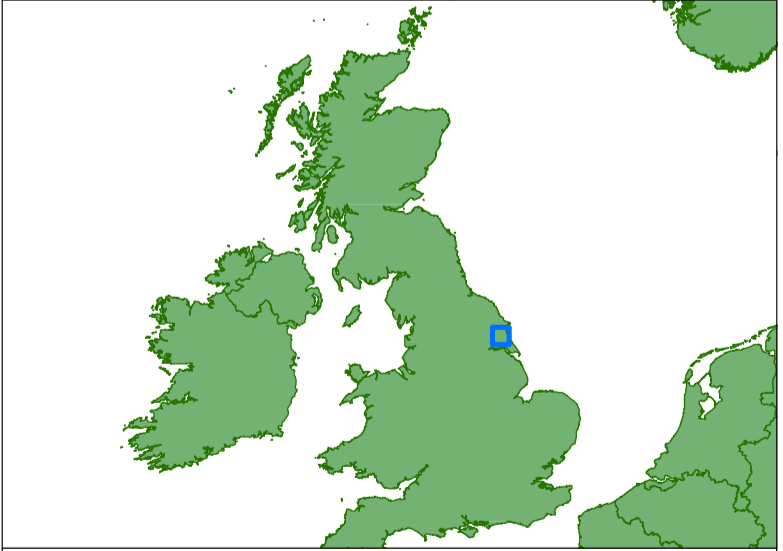
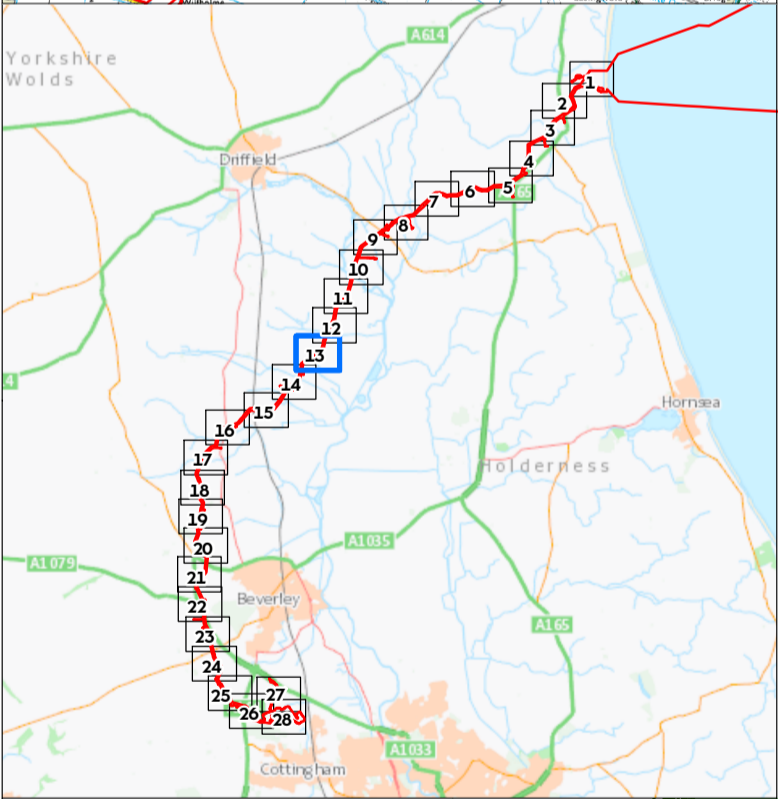
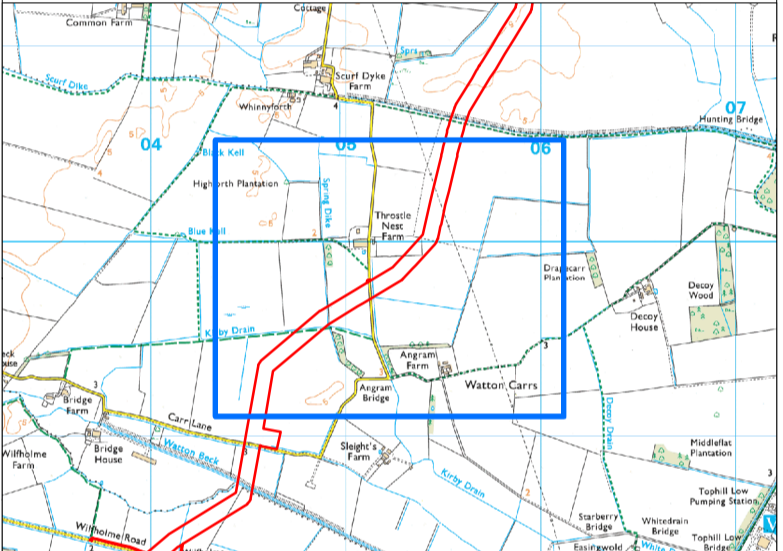


Hornsea Project Four Offshore Wind Farm Onshore Crossing Schedule Sheet 13 of 28

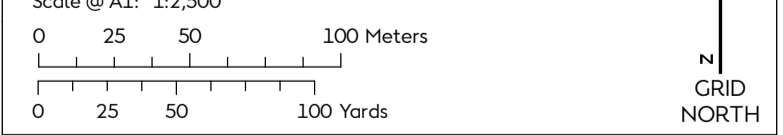
APFP Regulations Reference : 5(2)(a) Application Document Number : A4.4.2

-  Sheet Boundary
-  Crossing Point (Onshore)
-  Order Limits
-  Public Right of Way
-  Hedgerow
- Utilities Provider**
-  Northern Powergrid
-  Openreach - (British Telecommunications)
-  Watercourse
-  Waterbody
- Horizontal Directional Drilling: Indicative HDD Area**
- Proposed Crossing Method**
-  HDD/Open Cut with bridge/culvert
-  HDD/Open Cut with haul road

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Coordinate system: British National Grid
Vertical reference: ODN
Scale @ A1: 1:2,500

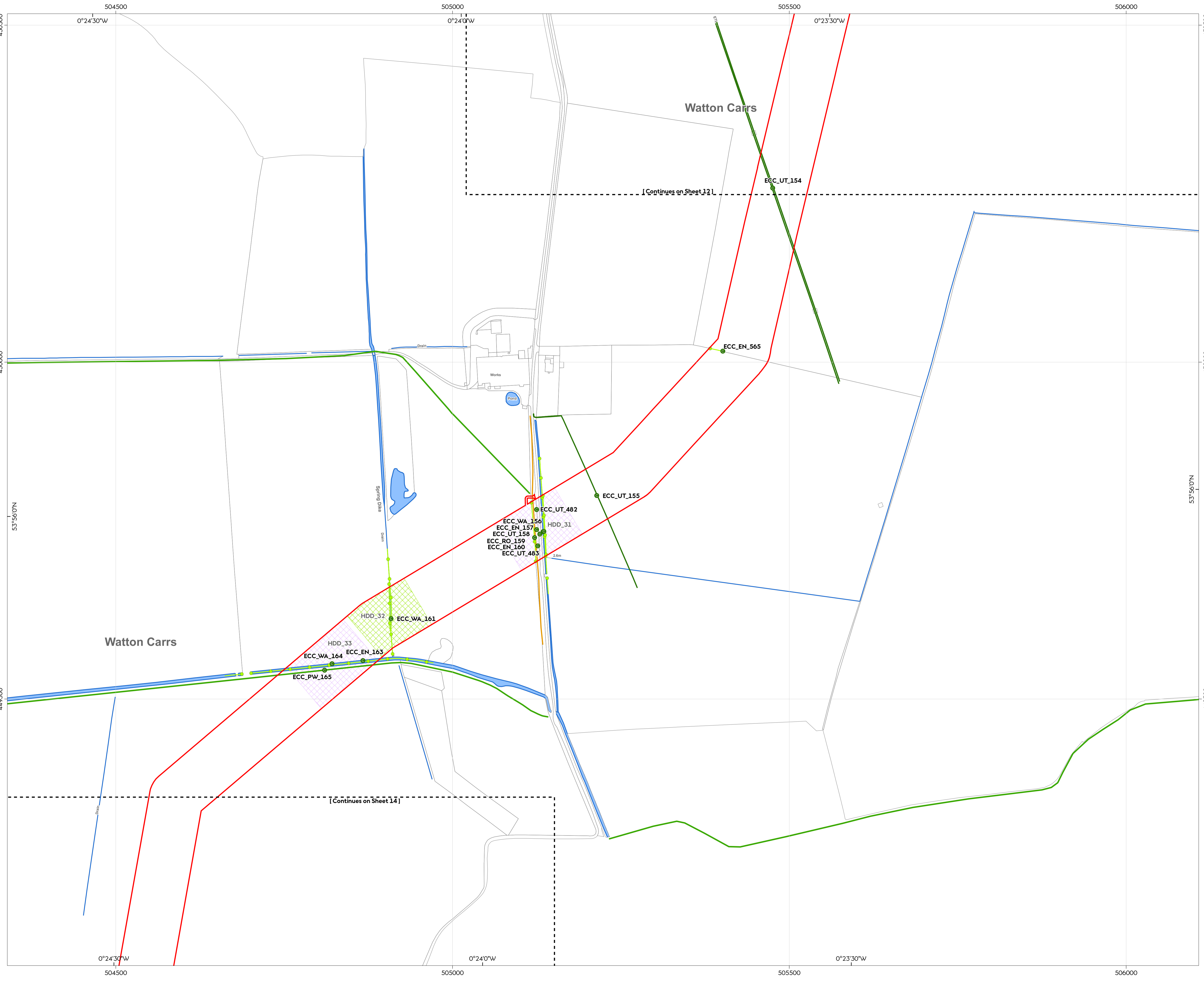


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0 25 50 100 Yards

GRID NORTH

REV	REVISION	DATE
1	Final Issue for ODO	16/06/2021
A	Updated various onshore project elements, following consultation	16/06/2021

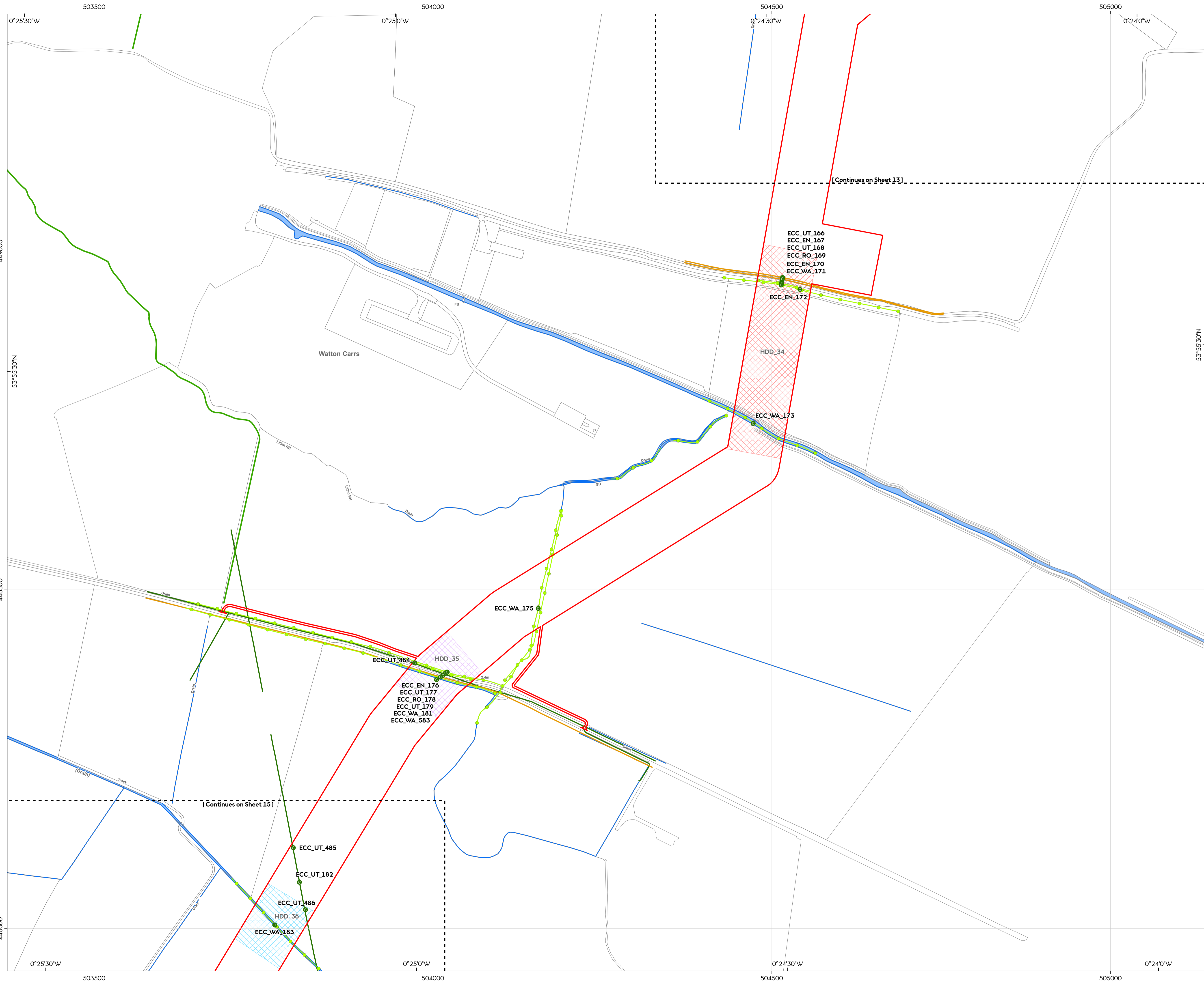
Onshore Crossing Schedule
Document no: HOW040419
Created by: XDAOO
Checked by: WATTS
Accepted by: KELLY
Approved by: JAMIB



[Continues on Sheet 12]

[Continues on Sheet 14]

ECC_UT_482
ECC_WA_156
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ECC_UT_158
ECC_RO_159
ECC_EN_160
ECC_UT_483
HDD_31
2.6m



Hornsea Project Four Offshore Wind Farm

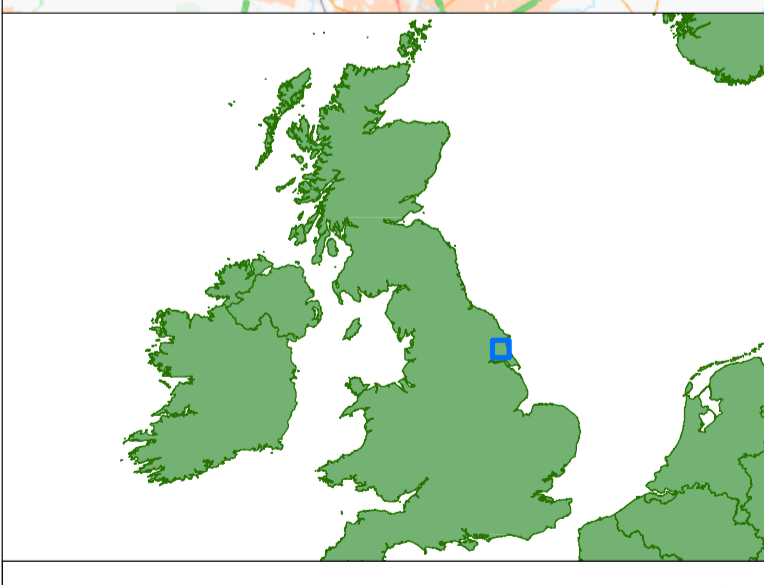
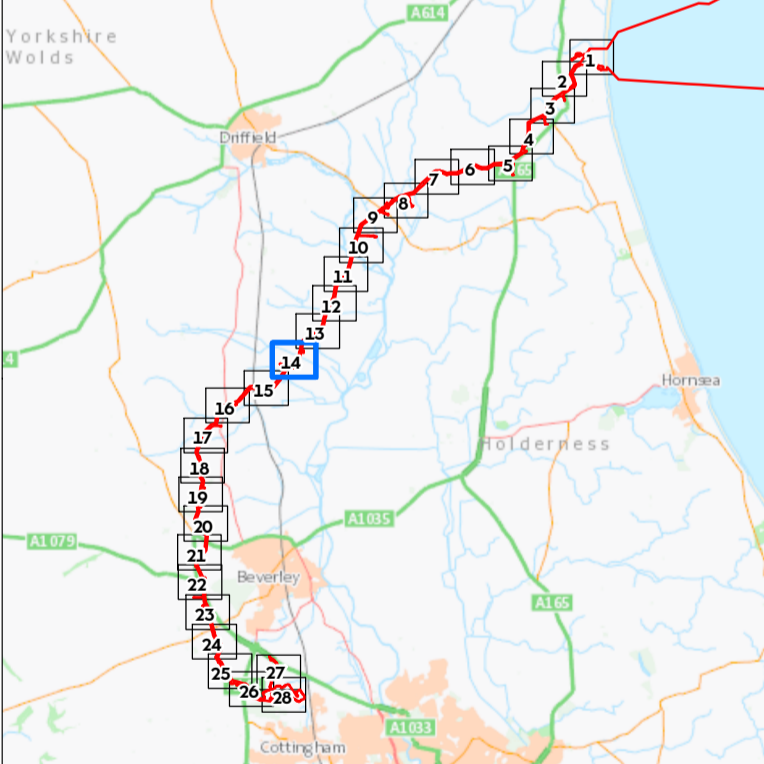
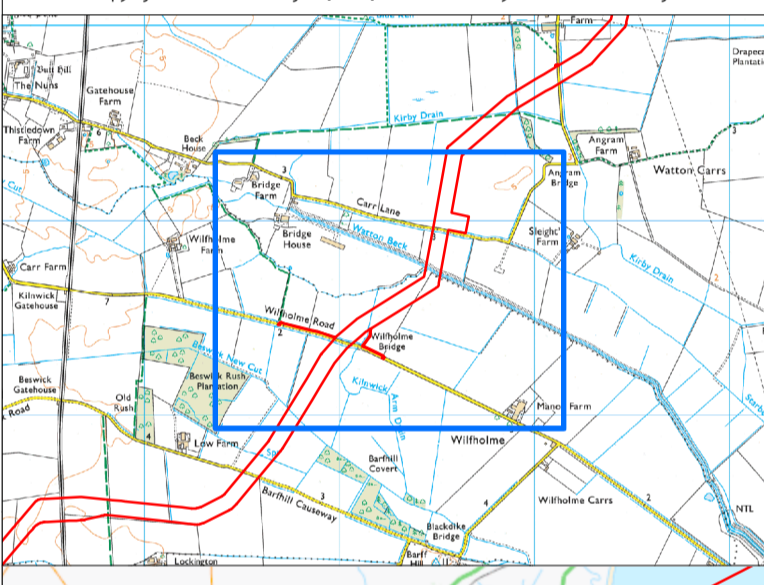
Onshore Crossing Schedule

Sheet 14 of 28

APFP Regulations Reference : 5(2)(a) Application Document Number : A4.4.2

- Sheet Boundary
- Crossing Point (Onshore)
- Order Limits
- Public Right of Way
- Hedgerow
- Utilities Provider**
- Northern Powergrid
- Openreach - (British Telecommunications)
- Watercourse
- Waterbody
- Horizontal Directional Drilling: Indicative HDD Area**
- Proposed Crossing Method**
- HDD with bridge/culvert
- HDD with haul road
- HDD/Open Cut with haul road

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Coordinate system: British National Grid
 Vertical reference: ODN
 Scale @ A1: 1:2,500

0 25 50 100 Meters

0 25 50 100 Yards

GRID NORTH

REV	REVISION	DATE
1	Final Issue for DCD	14/09/2023
A	Updated various onshore project elements, following consultation	14/09/2023













Onshore Crossing Schedule
 Document no: HOW040419
 Created by: XDAO0
 Checked by: WATTS
 Accepted by: KELLY
 Approved by: JAMIB

Hornsea Project Four Offshore Wind Farm

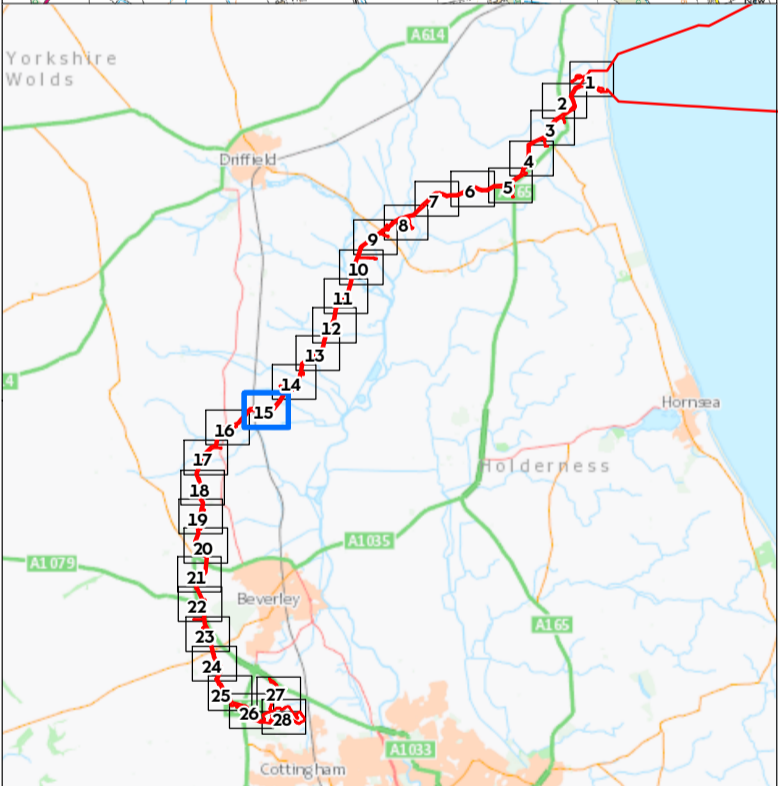
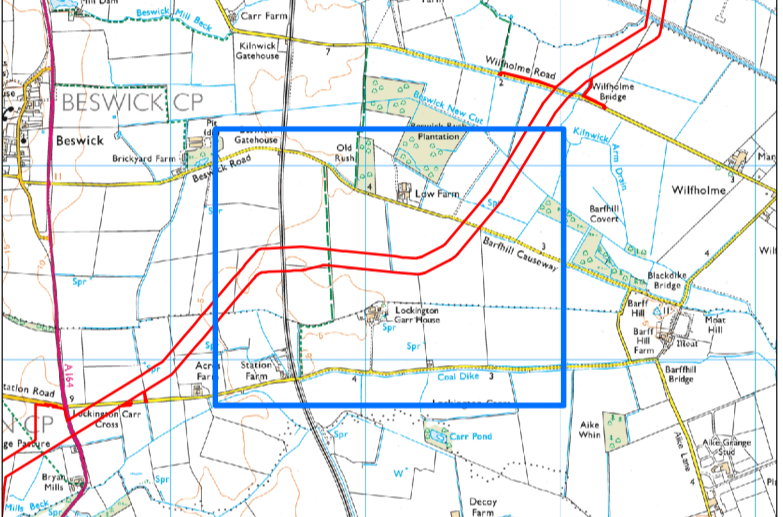
Onshore Crossing Schedule

Sheet 15 of 28

APFP Regulations Reference : 5(2)(a) Application Document Number : A4.4.2

-  Sheet Boundary
-  Crossing Point (Onshore)
-  Order Limits
-  Public Right of Way
-  Hedgerow
- Utilities Provider**
-  Network Rail
-  Northern Powergrid
-  Watercourse
-  Waterbody
- Horizontal Directional Drilling: Indicative HDD Area**
- Proposed Crossing Method**
-  HDD with bridge/culvert
-  HDD with haul road
-  HDD/Open Cut with haul road

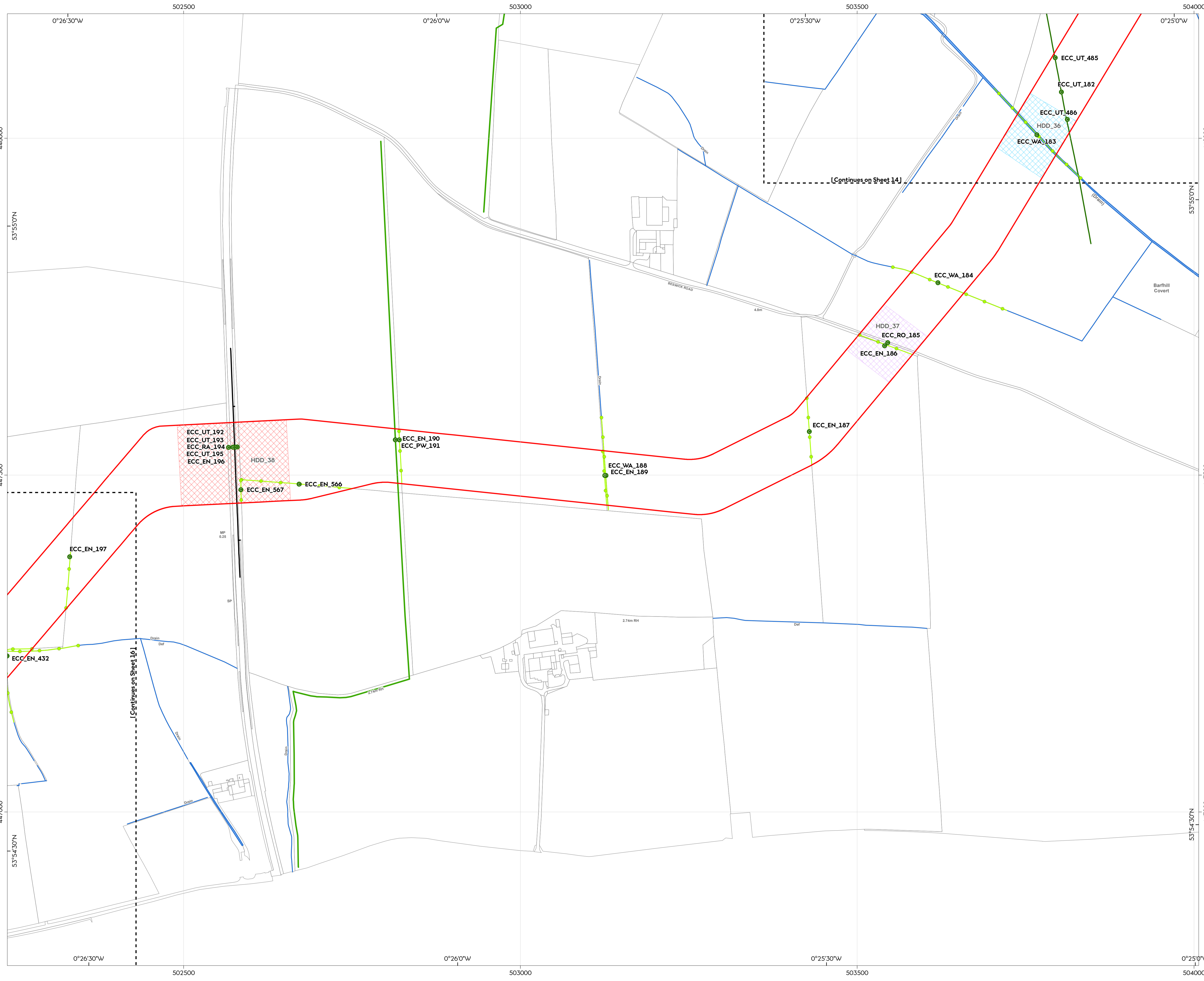
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Coordinate system: British National Grid
 Vertical reference: ODN
 Scale @ A1: 1:2,500

REV	REVISION	DATE
A	Updated various onshore project elements, following consultation	16/06/2021

Onshore Crossing Schedule
 Document no: HOW040419
 Created by: XDAOO
 Checked by: WATTS
 Accepted by: KELLY
 Approved by: JAMIB



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0°25'30"W 503500 504000

447000 53°54'30"N

447500 53°55'00"N

448000 53°55'30"N

448500 53°56'00"N

449000 53°56'30"N

449500 53°57'00"N

450000 53°57'30"N

450500 53°58'00"N

451000 53°58'30"N

451500 53°59'00"N

452000 53°59'30"N

452500 54°00'00"N

453000 54°00'30"N

453500 54°01'00"N

454000 54°01'30"N

454500 54°02'00"N

455000 54°02'30"N

455500 54°03'00"N

456000 54°03'30"N

456500 54°04'00"N

457000 54°04'30"N

457500 54°05'00"N

458000 54°05'30"N

458500 54°06'00"N

459000 54°06'30"N

459500 54°07'00"N

460000 54°07'30"N

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461500 54°09'00"N

462000 54°09'30"N

462500 54°10'00"N

463000 54°10'30"N

463500 54°11'00"N

464000 54°11'30"N

464500 54°12'00"N

465000 54°12'30"N

465500 54°13'00"N

466000 54°13'30"N

466500 54°14'00"N

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467500 54°15'00"N

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468500 54°16'00"N

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470000 54°17'30"N

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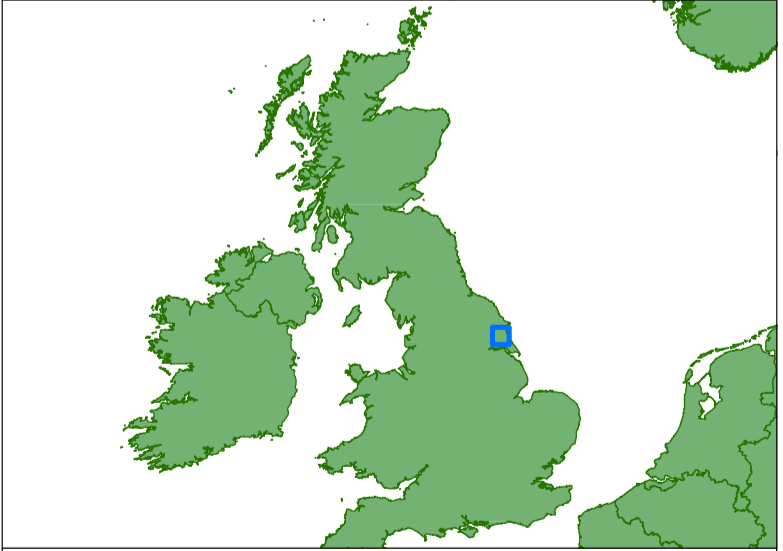
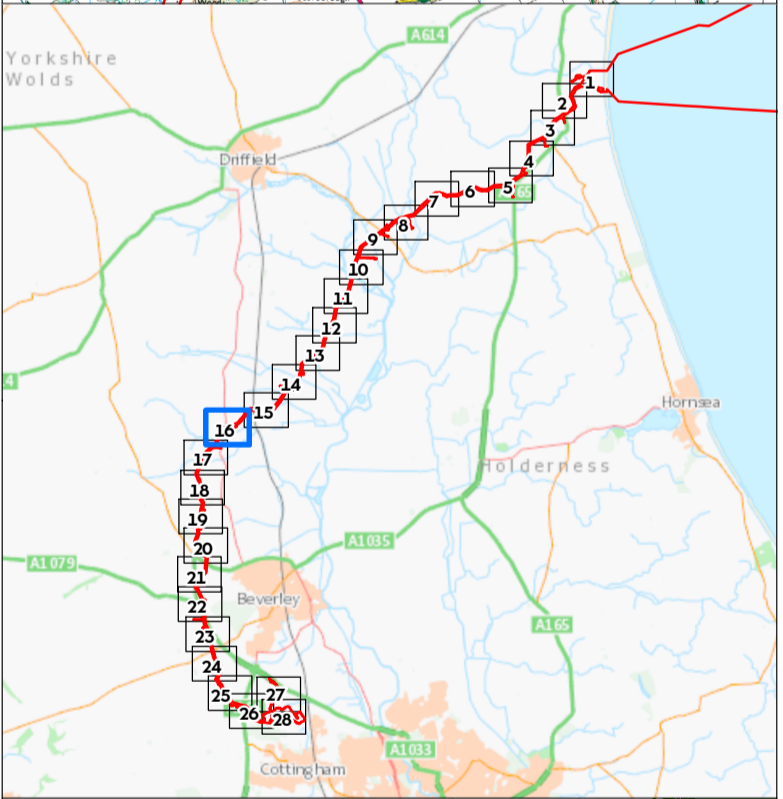
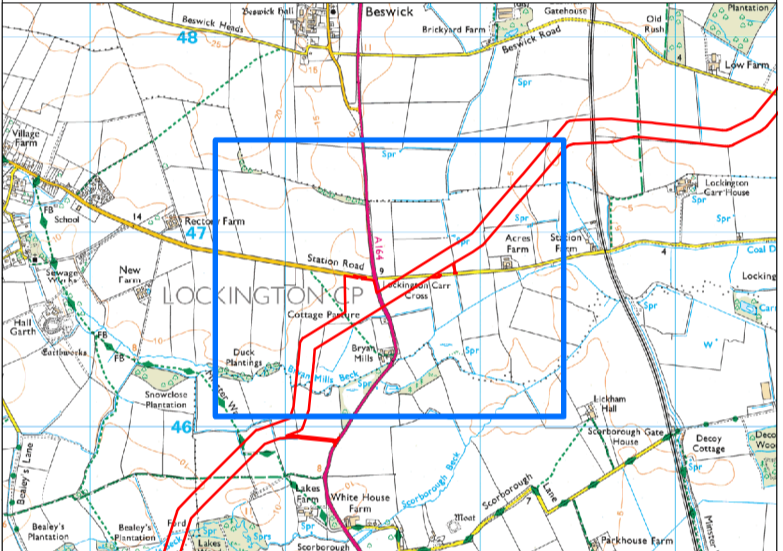
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Hornsea Project Four Offshore Wind Farm Onshore Crossing Schedule Sheet 16 of 28

APFP Regulations Reference : 5(2)(a) Application Document Number : A4.4.2

- Sheet Boundary
- Crossing Point (Onshore)
- Order Limits
- Public Right of Way
- Hedgerow
- Utilities Provider**
 - KCOM Group
 - Northern Powergrid
 - Openreach - (British Telecommunications)
 - Yorkshire Water
 - Watercourse
 - Waterbody
- Horizontal Directional Drilling: Indicative HDD Area**
- Proposed Crossing Method**
 - HDD with haul road
 - HDD/Open Cut with haul road

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Coordinate system: British National Grid
Vertical reference: ODN
Scale @ A1: 1:2,500

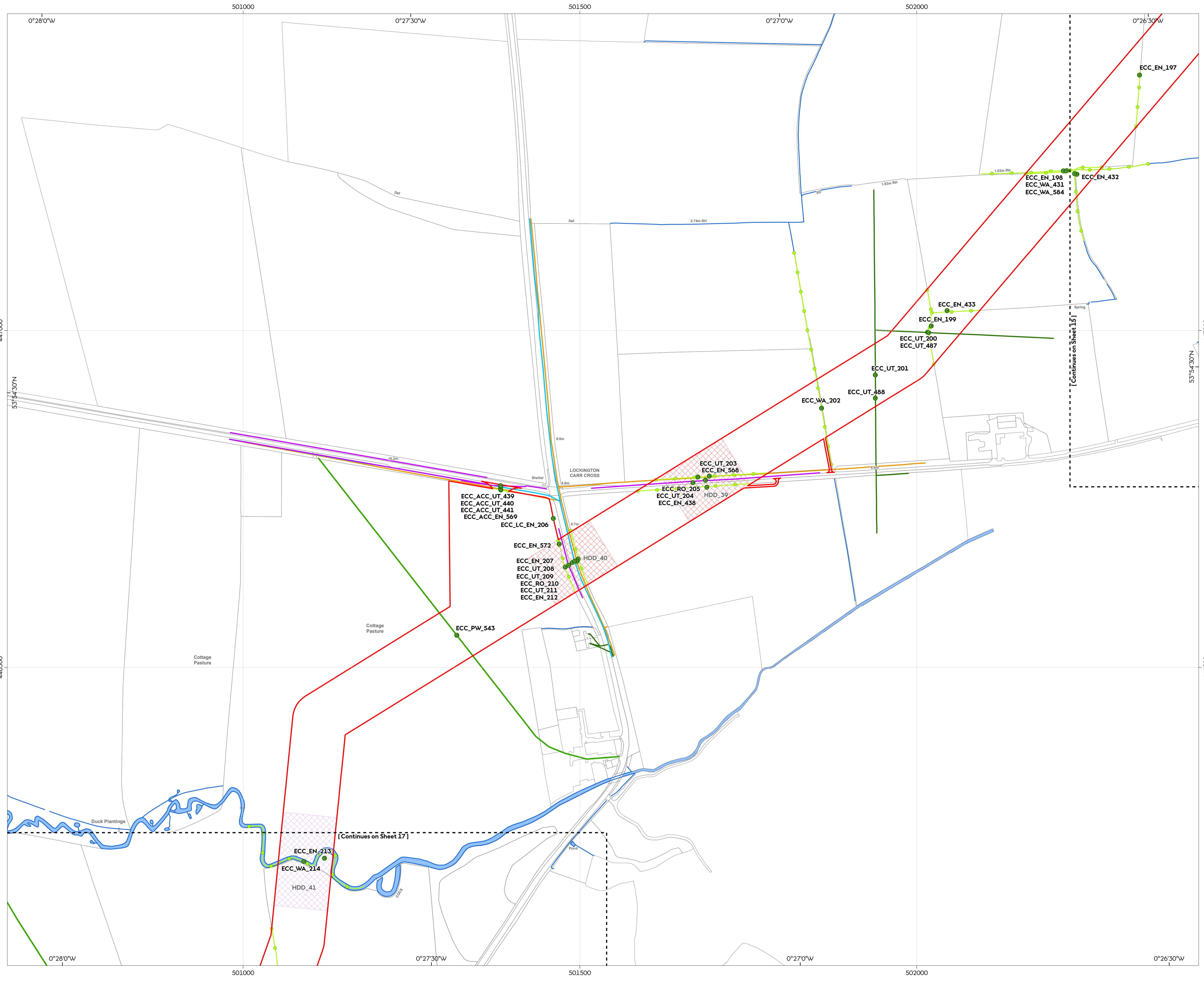
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0 25 50 100 Yards

GRID NORTH











REV	REVISION	DATE
1	Final Issue for ODO	16/06/2021
A	Updated various onshore project elements, following consultation	16/06/2021

Onshore Crossing Schedule
Document no: HOW04019
Created by: XDAOO
Checked by: WATTS
Accepted by: KELLY
Approved by: JAMIB

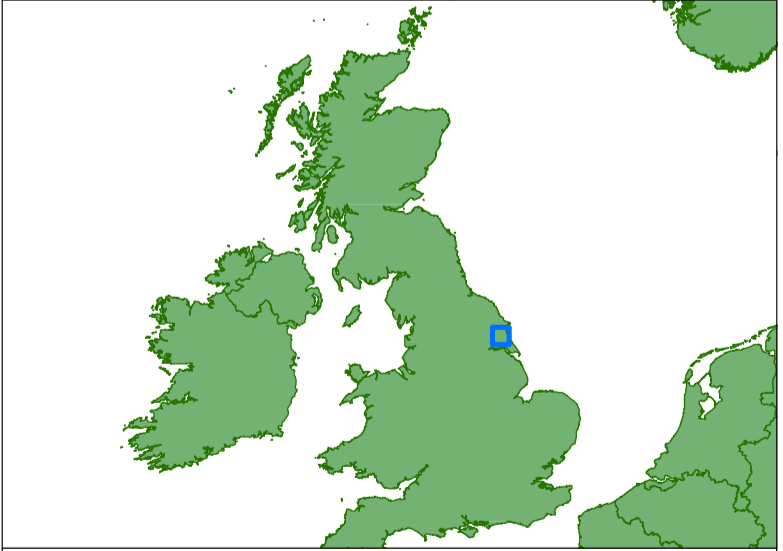
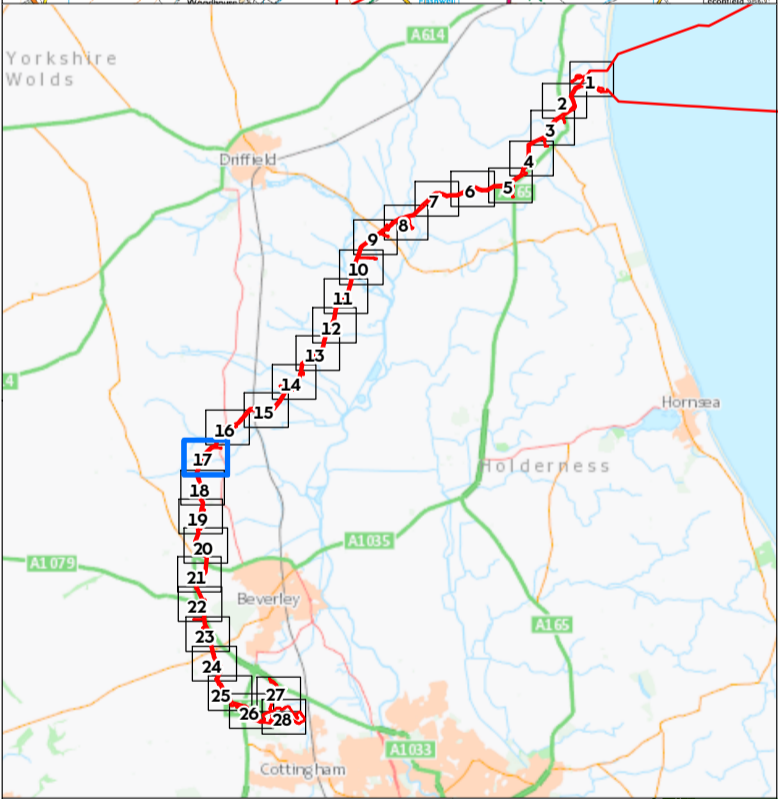
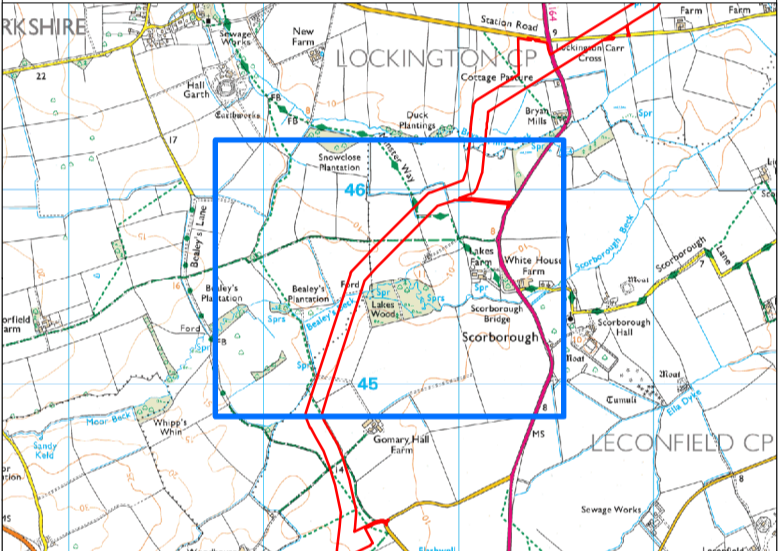


Hornsea Project Four Offshore Wind Farm Onshore Crossing Schedule Sheet 17 of 28

APFP Regulations Reference: 5(2)(a) Application Document Number: A4.4.2

-  Sheet Boundary
-  Crossing Point (Onshore)
-  Order Limits
-  Public Right of Way
-  Hedgerow
- Utilities Provider**
-  Openreach - [British Telecommunications]
-  Yorkshire Water
-  Watercourse
-  Waterbody
- Horizontal Directional Drilling: Indicative HDD Area**
- Proposed Crossing Method**
-  HDD/Open Cut with haul road

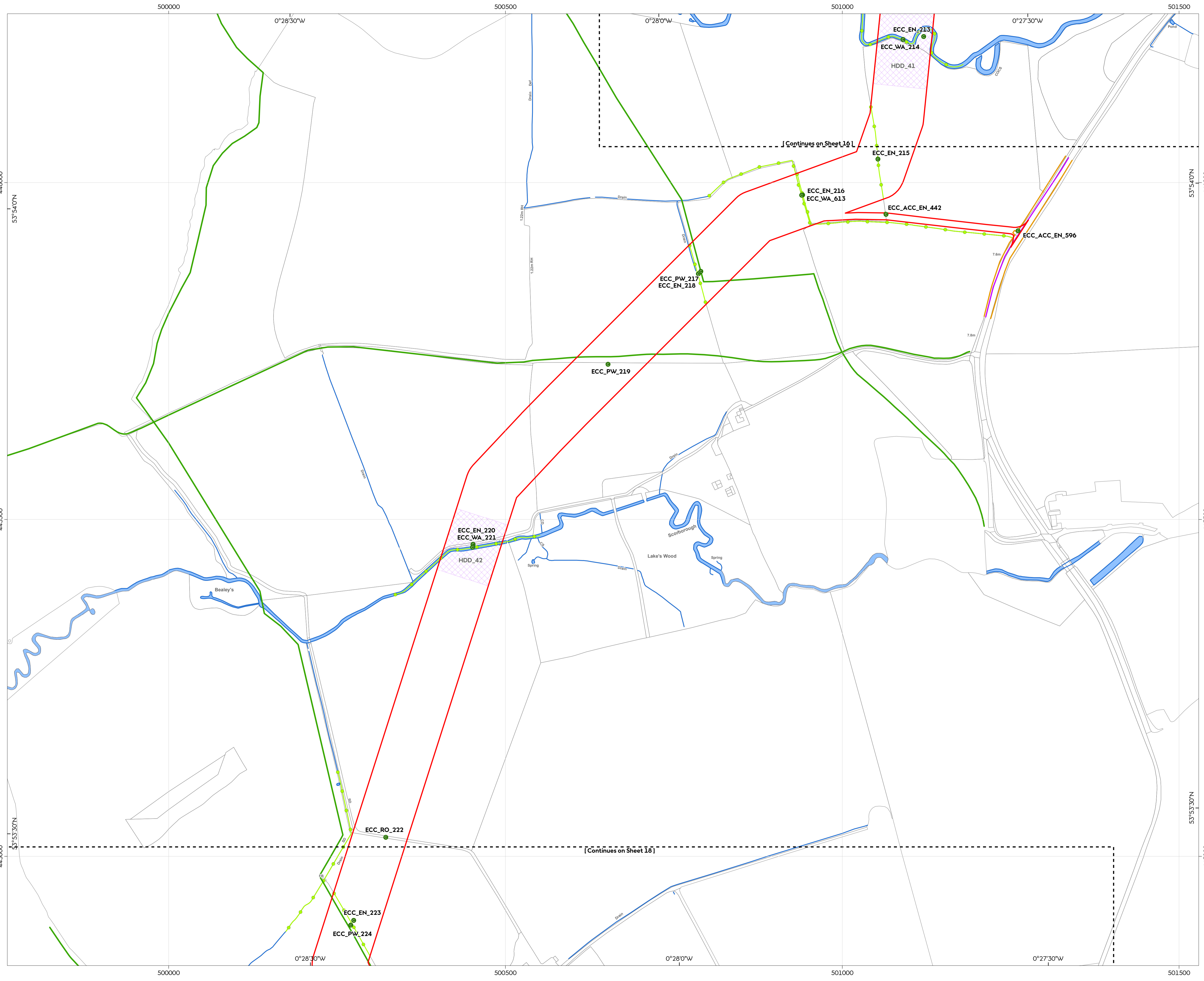
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Coordinate system: British National Grid
Vertical reference: ODN
Scale @ A1: 1:2,500












REV	REVISION	DATE
1	Final Issue for O&C	16/09/2021
A	Updated various onshore project elements, following consultation	16/09/2021

Onshore Crossing Schedule
Document no: HOW040419
Created by: XDAO0
Checked by: WATTS
Accepted by: KELLY
Approved by: JAMIB

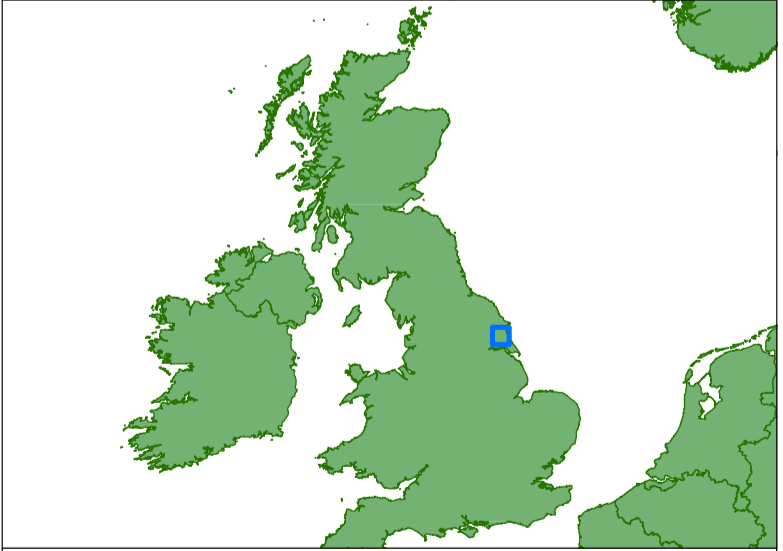
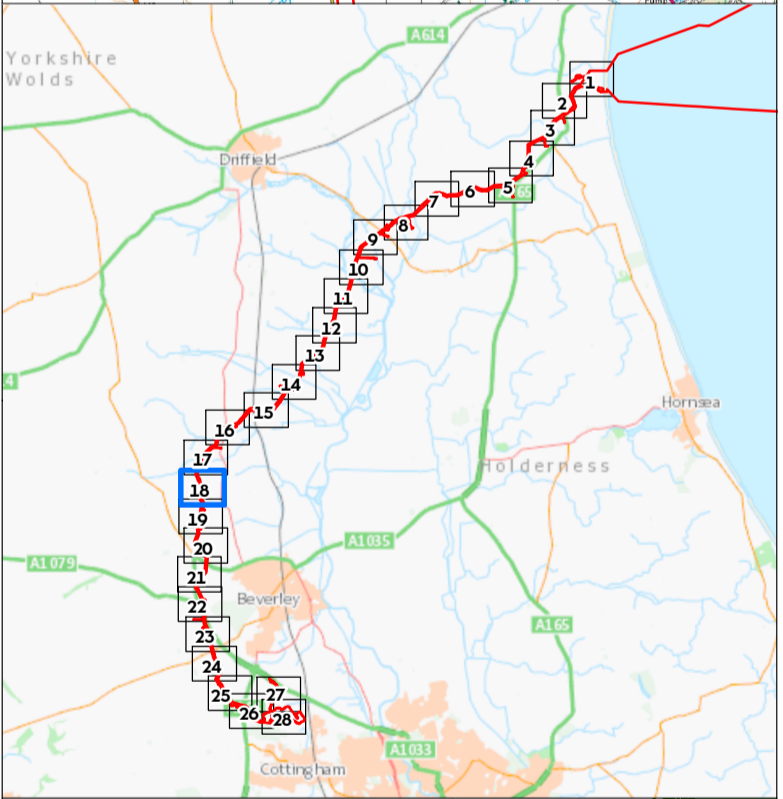
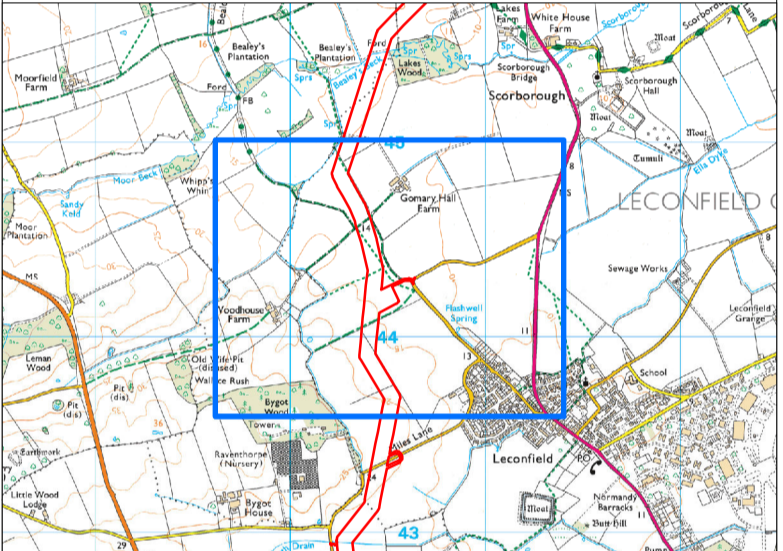


Hornsea Project Four Offshore Wind Farm Onshore Crossing Schedule Sheet 18 of 28

APFP Regulations Reference : 5(2)(a) Application Document Number : A4.4.2

-  Sheet Boundary
-  Crossing Point (Onshore)
-  Order Limits
-  Public Right of Way
-  Hedgerow
- Utilities Provider**
-  Northern Powergrid
-  Openreach - [British Telecommunications]
-  Private Mains Water Supply
-  Yorkshire Water
-  Watercourse
-  Waterbody
- Horizontal Directional Drilling: Indicative HDD Area**
- Proposed Crossing Method**
-  HDD/Open Cut with haul road

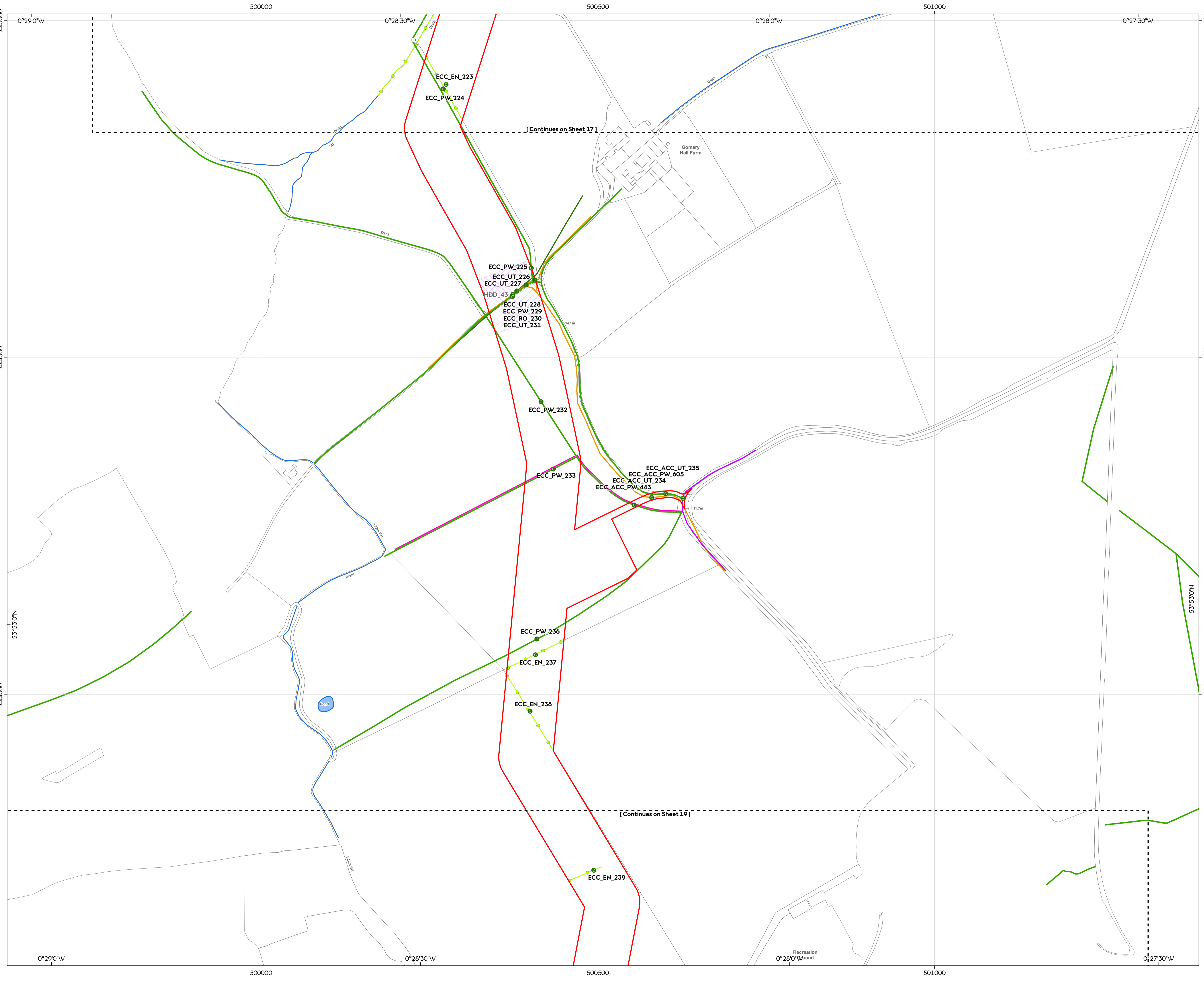
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Coordinate system: British National Grid
Vertical reference: ODN
Scale @ A1: 1:2,500
0 25 50 100 Meters
0 25 50 100 Yards
GRID NORTH

REV	REVISION	DATE
1	Final Issue for O&C	16/09/2021
A	Updated various onshore project elements, following consultation	16/09/2021

Onshore Crossing Schedule
Document no: HOW040419
Created by: XDAOO
Checked by: WATTS
Accepted by: KELLY
Approved by: JAMIB



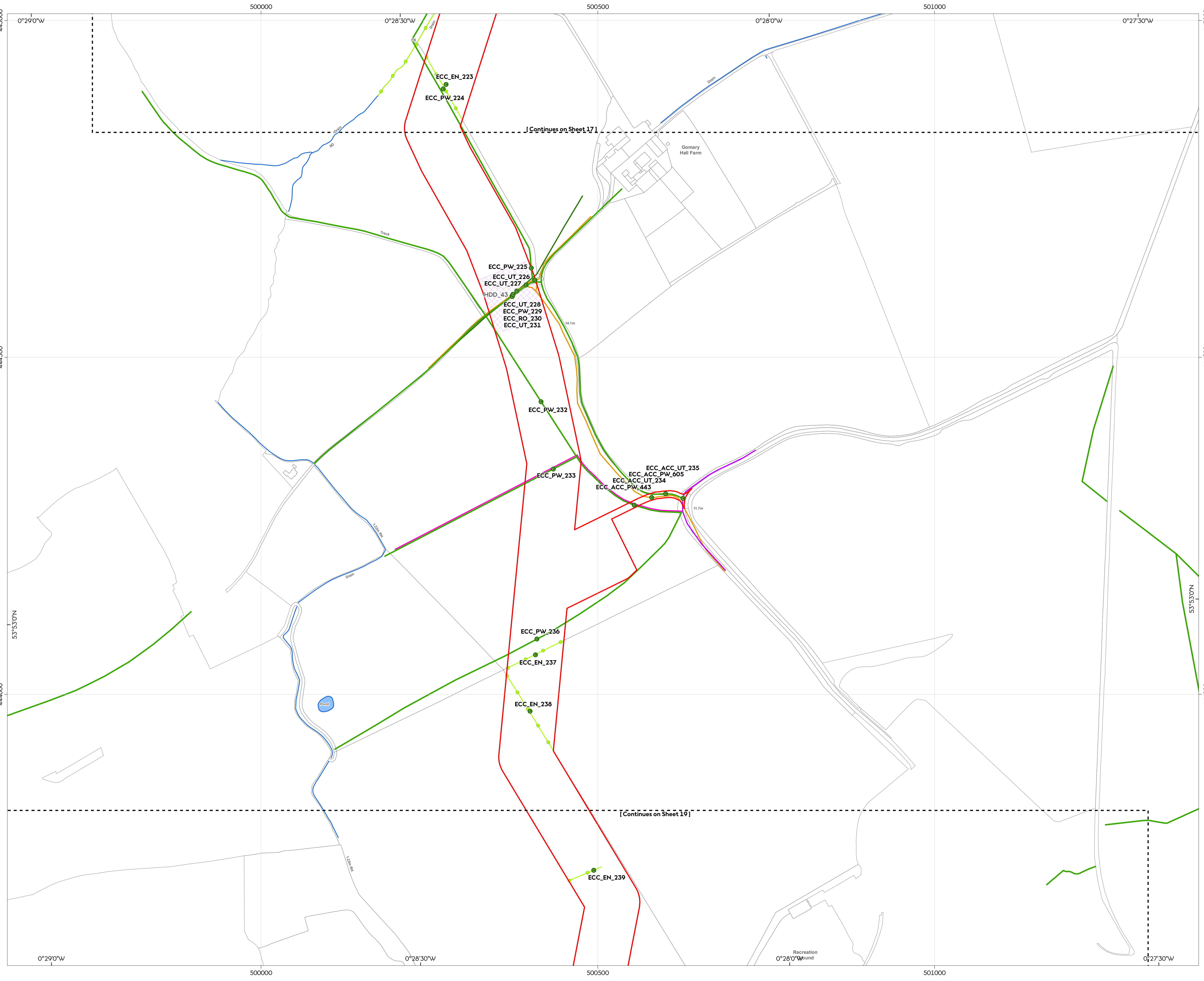
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[Continues on Sheet 19]

Gomary Hall Farm


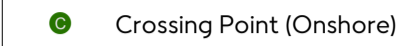










Recreation ground

Pond

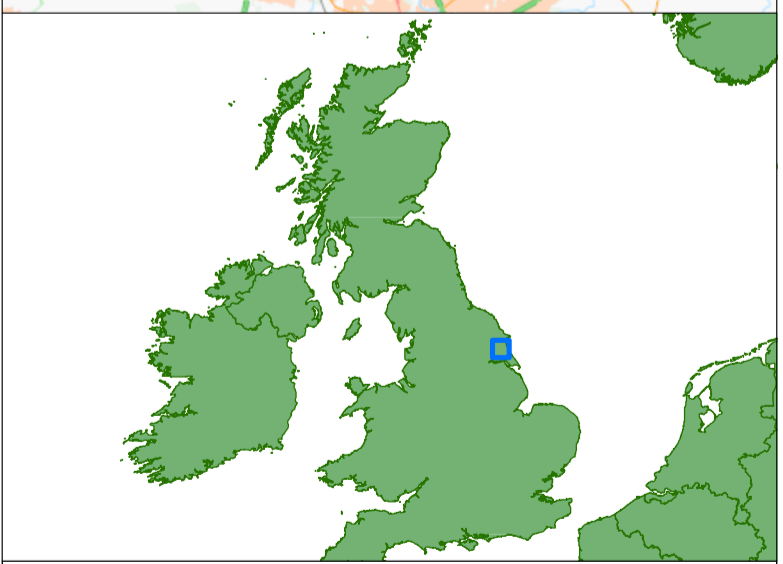
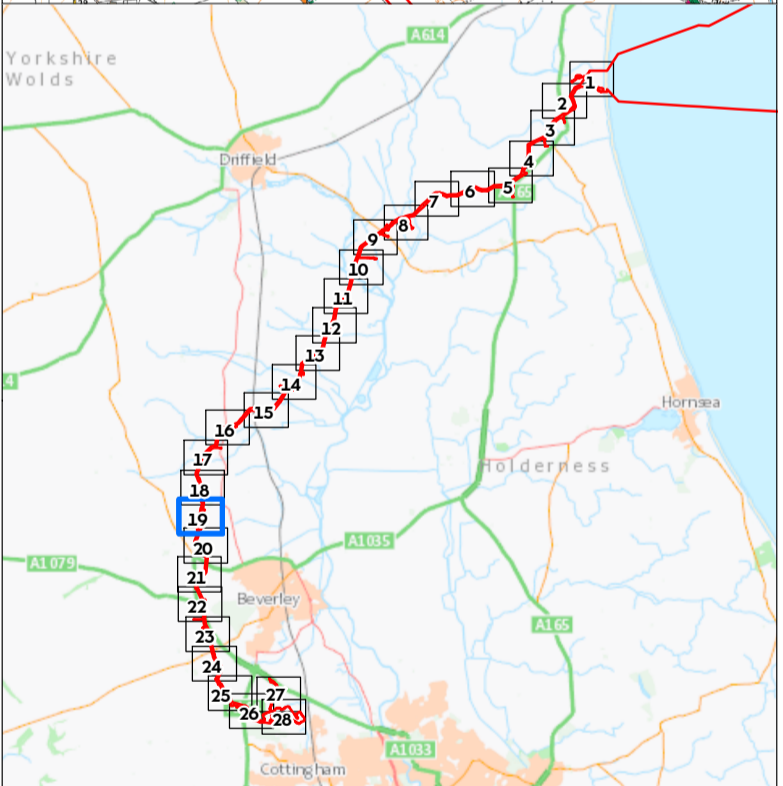
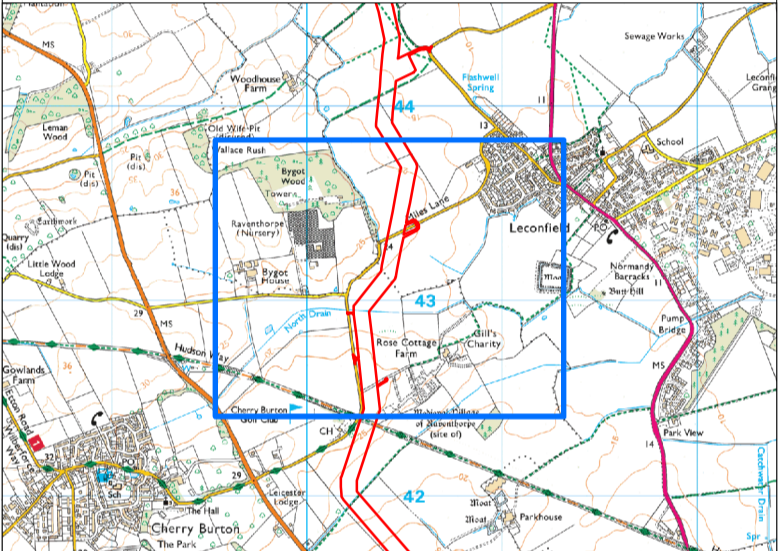


Hornsea Project Four Offshore Wind Farm Onshore Crossing Schedule Sheet 19 of 28

APFP Regulations Reference: 5(2)(a) Application Document Number: A4.4.2

-  Sheet Boundary
-  Crossing Point (Onshore)
-  Order Limits
-  Public Right of Way
-  Hedgerow
- Utilities Provider**
-  Northern Gas Networks
-  Northern Powergrid
-  Openreach - (British Telecommunications)
-  Yorkshire Water
-  Watercourse
-  Waterbody
- Horizontal Directional Drilling: Indicative HDD Area**
- Proposed Crossing Method**
-  HDD with haul road

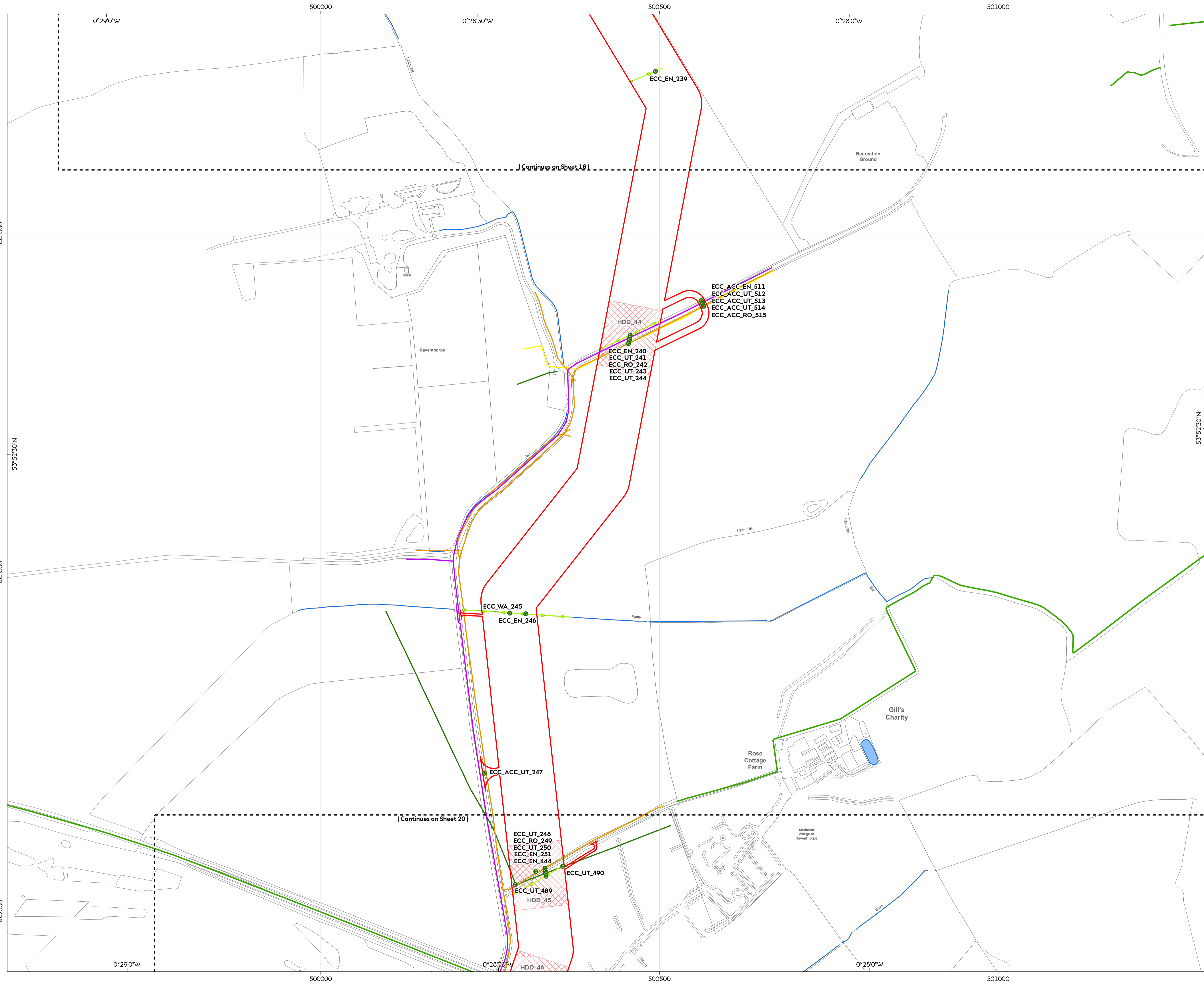
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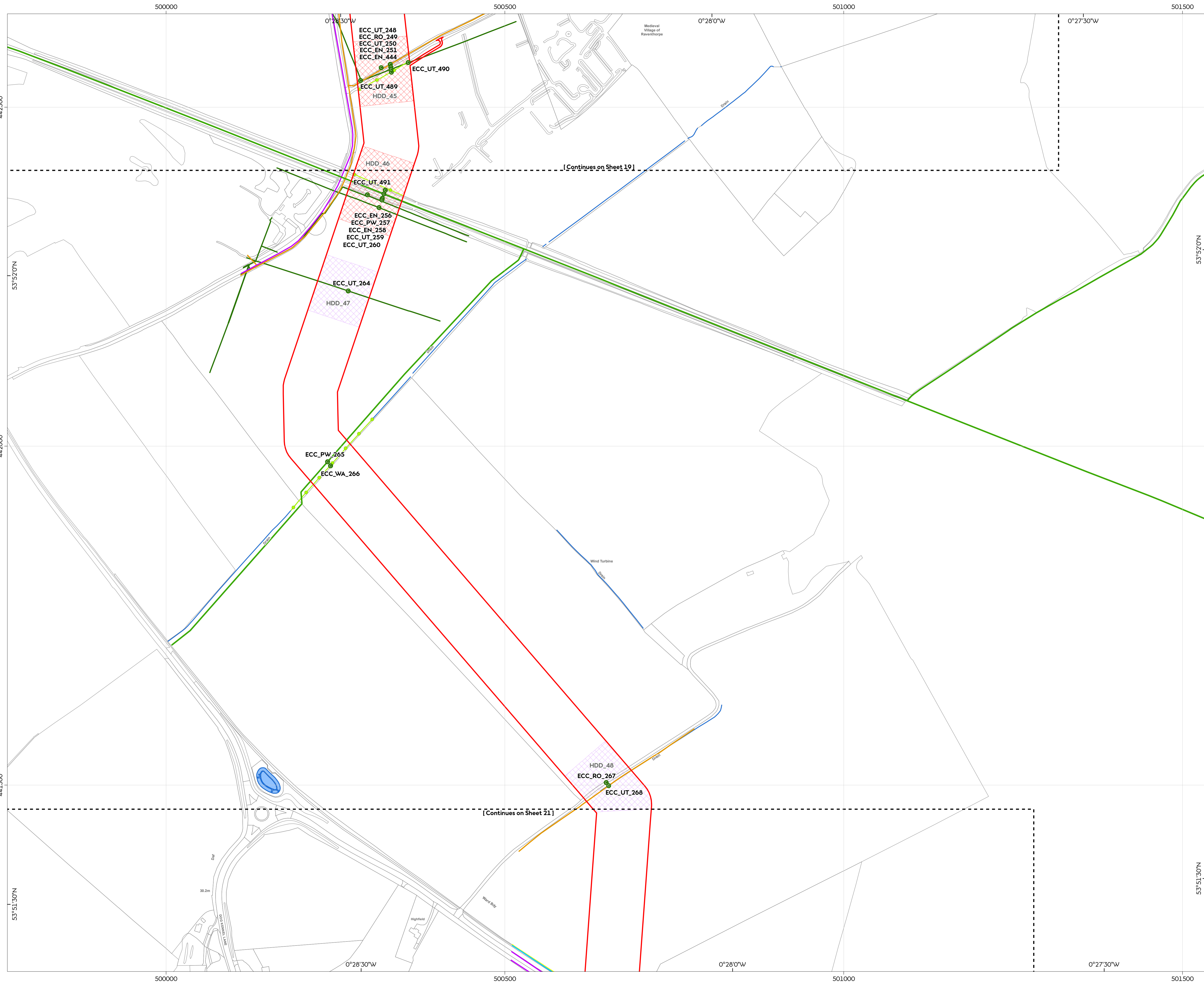


Coordinate system: British National Grid
Vertical reference: ODN
Scale @ A1: 1:2,500
0 25 50 100 Meters
0 25 50 100 Yards
GRID NORTH

REV	REVISION	DATE
1	Final Issue for ODO	16/09/2021
A	Updated various onshore project elements, following consultation	16/09/2021

Onshore Crossing Schedule
Document no: HOW040419
Created by: XDAOO
Checked by: WATTS
Accepted by: KELLY
Approved by: JAMIB

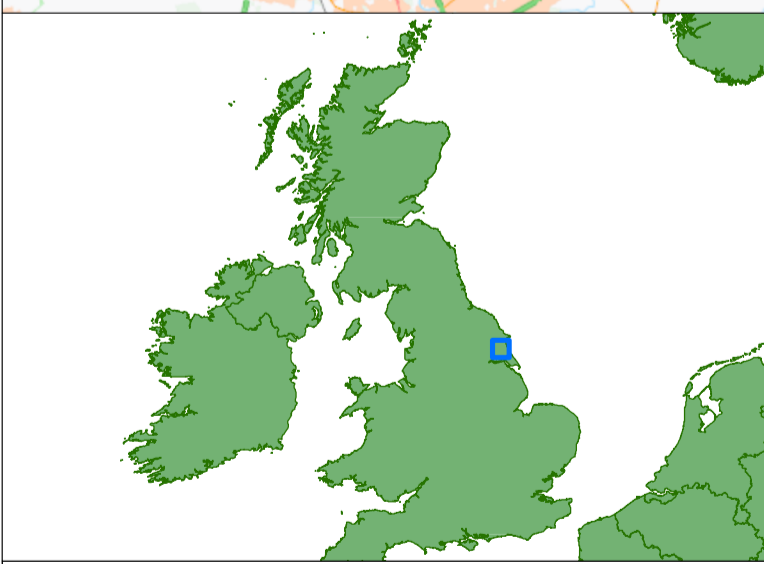
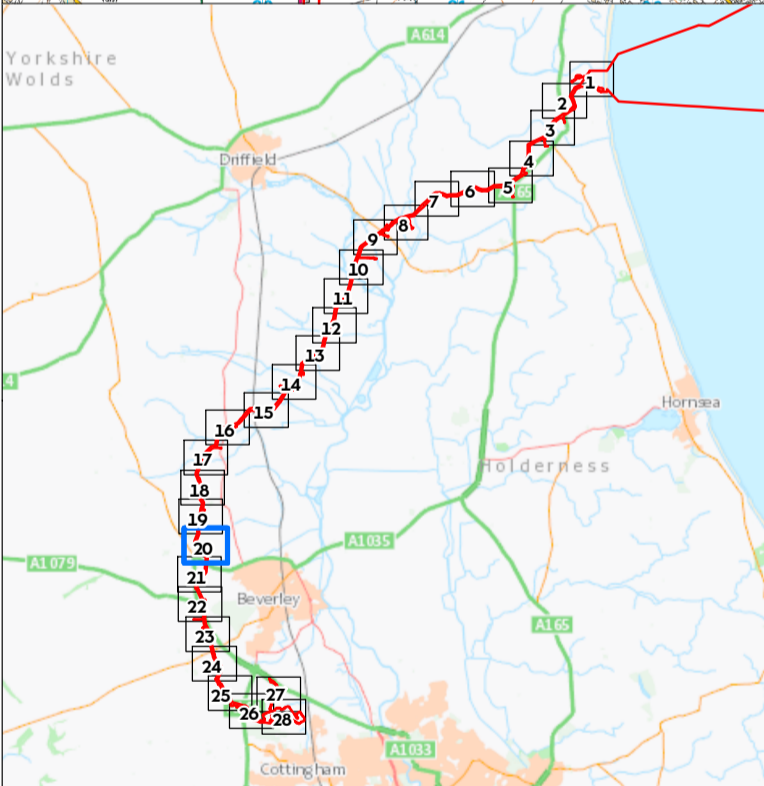
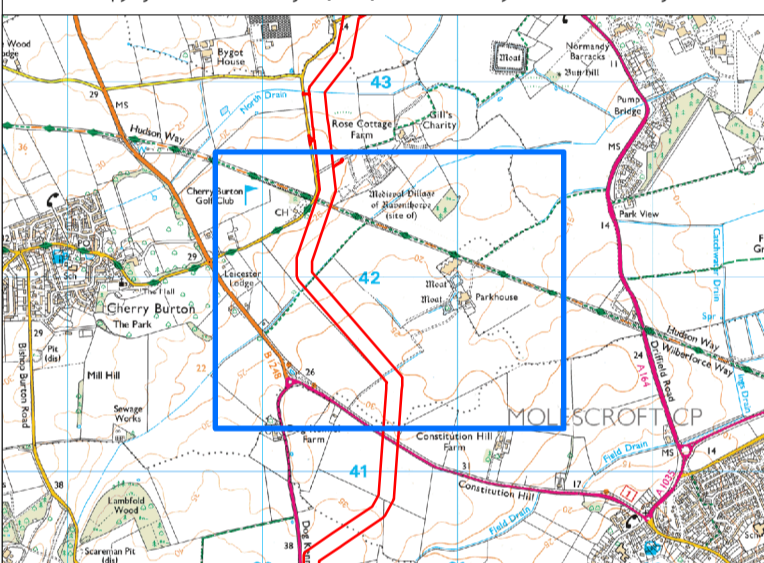




APFP Regulations Reference : 52(a) Application Document Number : A4.4.2

- Sheet Boundary
- Crossing Point (Onshore)
- Order Limits
- Public Right of Way
- Hedgerow
- Utilities Provider**
- KCOM Group
- Northern Gas Networks
- Northern Powergrid
- Openreach - [British Telecommunications]
- Yorkshire Water
- Watercourse
- Waterbody
- Horizontal Directional Drilling: Indicative HDD Area**
- Proposed Crossing Method**
- HDD with haul road
- HDD/Open Cut with haul road

Source:
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Coordinate system: British National Grid
Vertical reference: ODN
Scale @ A1: 1:2,500

0 25 50 100 Meters

0 25 50 100 Yards

GRID NORTH

REV	REVISION	DATE
1	Final Issue for O&M	14/09/2023
A	Updated various onshore project elements, following consultation	14/09/2023

Onshore Crossing Schedule
Document no: HOW040419
Created by: XDAOO
Checked by: WATTS
Accepted by: KELLY
Approved by: JAMIB

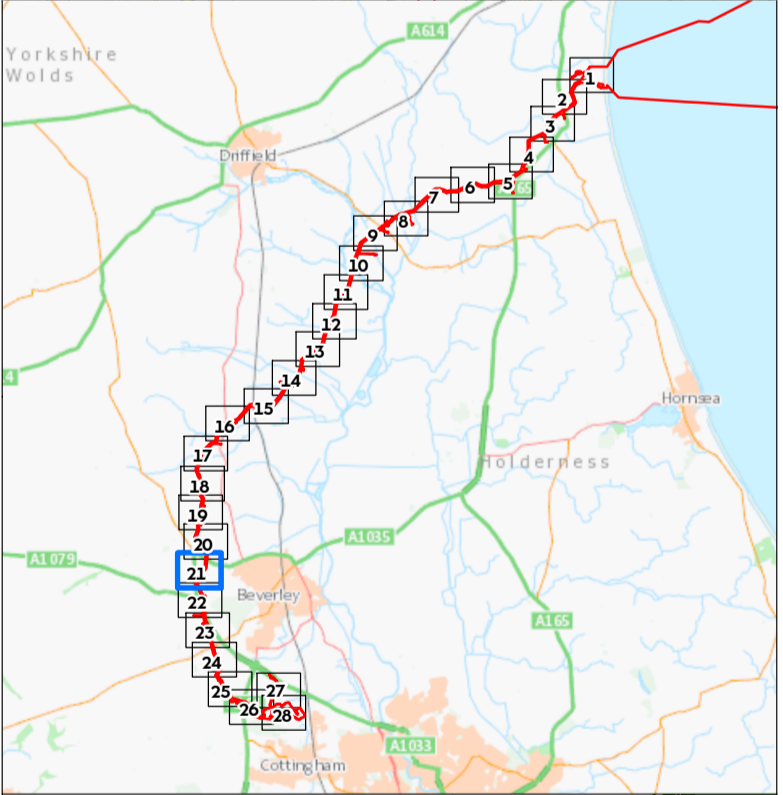
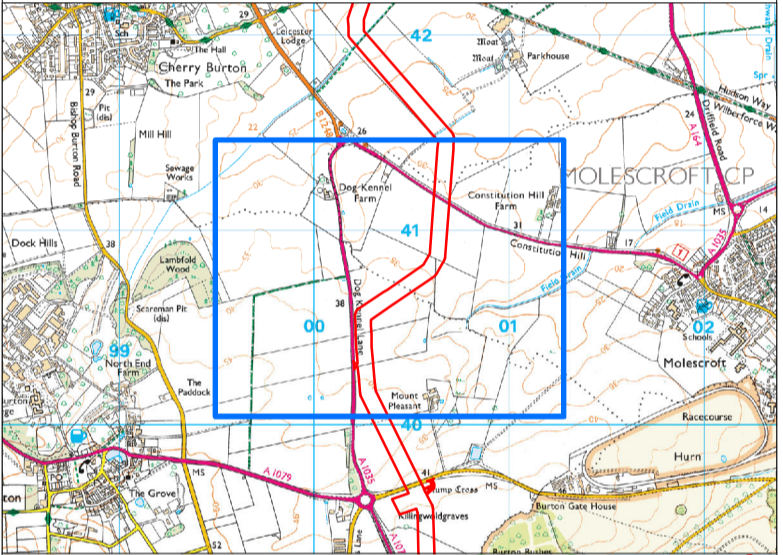


Hornsea Project Four Offshore Wind Farm Onshore Crossing Schedule Sheet 21 of 28

APFP Regulations Reference: 5/2(a) Application Document Number: A4.4.2

-  Sheet Boundary
-  Crossing Point (Onshore)
-  Order Limits
-  Public Right of Way
-  Hedgerow
- Utilities Provider**
-  KCOM Group
-  Northern Gas Networks
-  Northern Powergrid
-  Openreach - [British Telecommunications]
-  Yorkshire Water
-  Watercourse
-  Waterbody
- Horizontal Directional Drilling: Indicative HDD Area**
- Proposed Crossing Method**
-  HDD/Open Cut with haul road

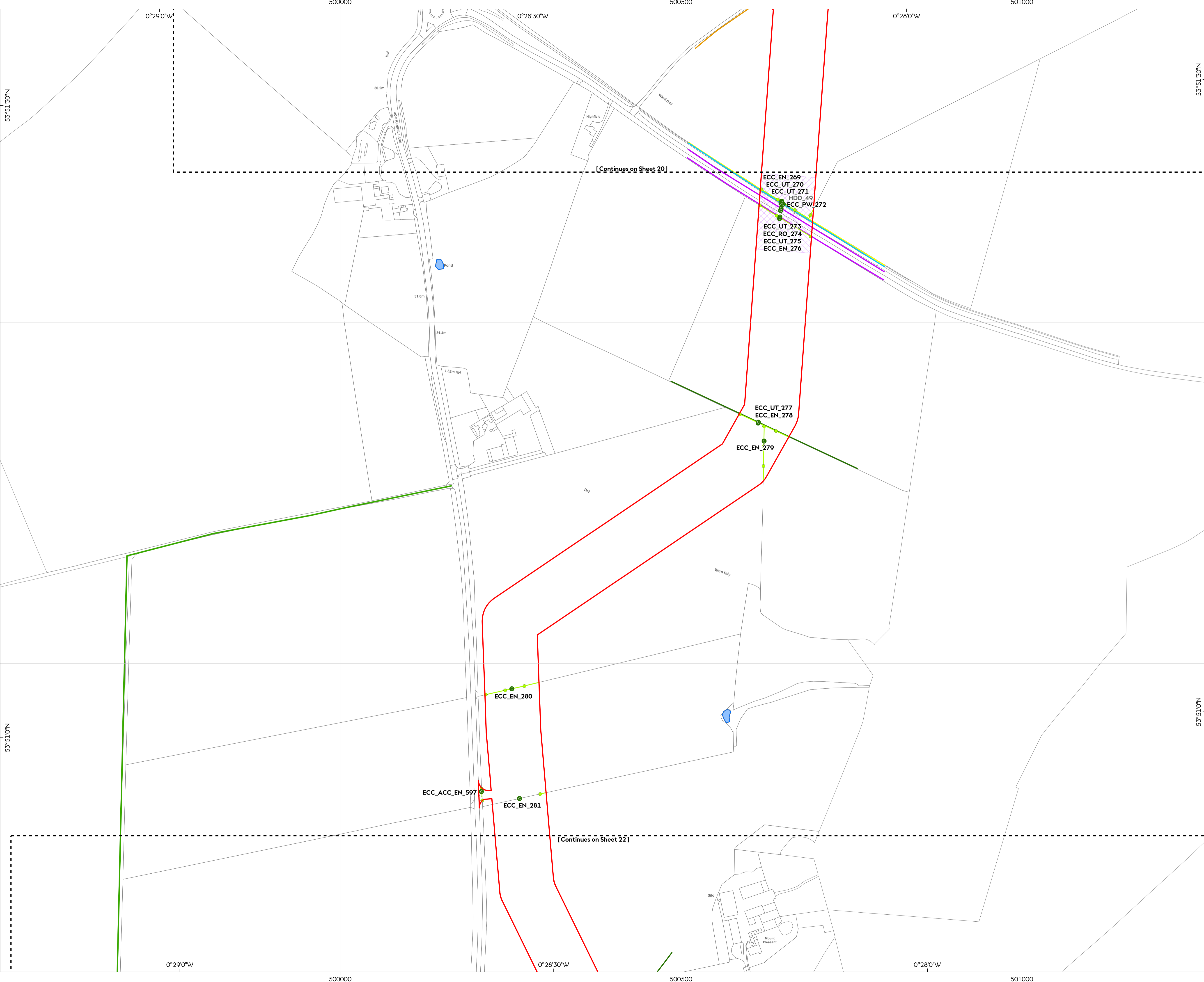
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Coordinate system: British National Grid
Vertical reference: ODN
Scale @ A1: 1:2,500
0 25 50 100 Meters
0 25 50 100 Yards
GRID NORTH

REV	REVISION	DATE
1	Final Issue for OGD	16/06/2021
A	Updated various onshore project elements, following consultation	16/06/2021

Onshore Crossing Schedule
Document no: HOW040419
Created by: XDAOO
Checked by: WATTS
Accepted by: KELLY
Approved by: JAMIB


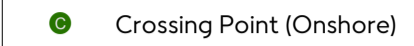









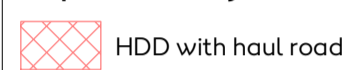


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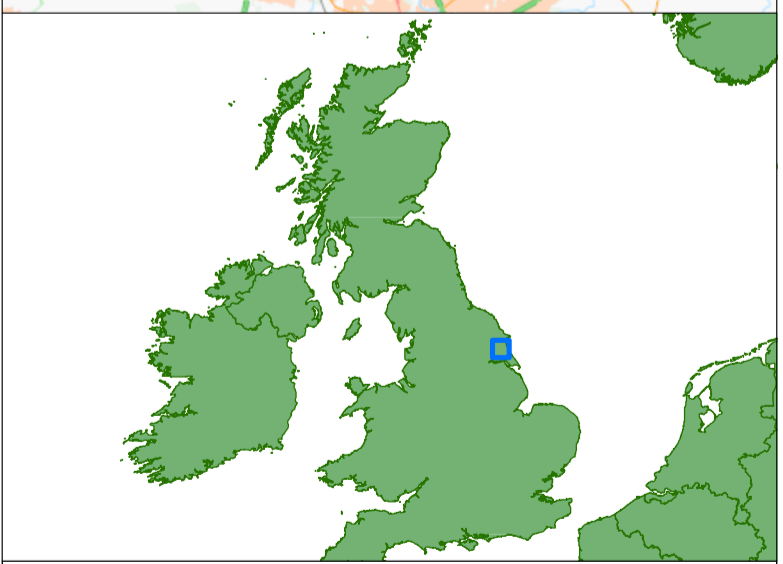
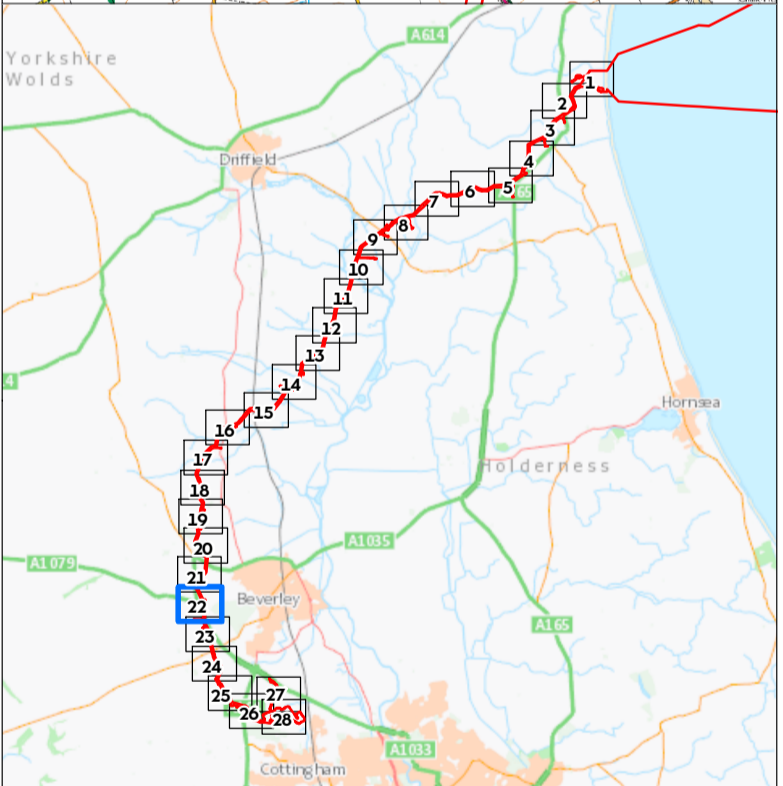
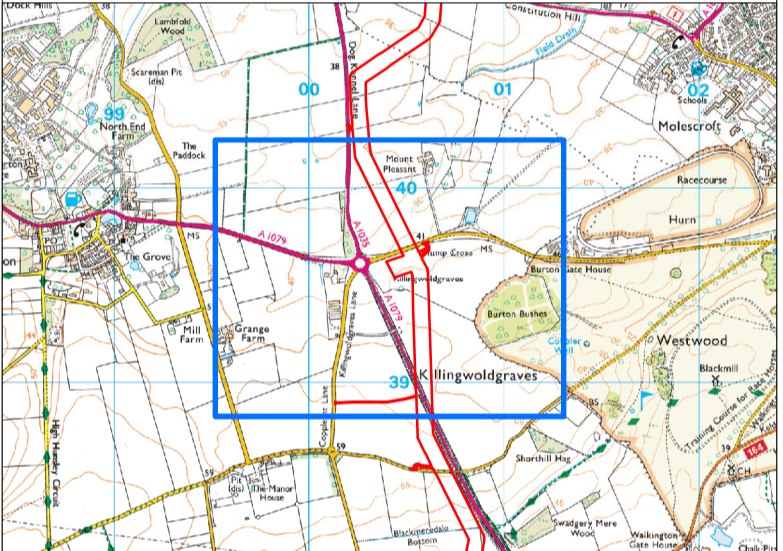
[Continues on Sheet 22]

Hornsea Project Four Offshore Wind Farm Onshore Crossing Schedule Sheet 22 of 28

APFP Regulations Reference : 5(2)(a) Application Document Number : A4.4.2

-  Sheet Boundary
-  Crossing Point (Onshore)
-  Order Limits
-  Public Right of Way
-  Hedgerow
- Utilities Provider**
-  KCOM Group
-  Northern Gas Networks
-  Northern Powergrid
-  Openreach - [British Telecommunications]
-  Watercourse
-  Waterbody
- Horizontal Directional Drilling: Indicative HDD Area**
- Proposed Crossing Method**
-  HDD with haul road

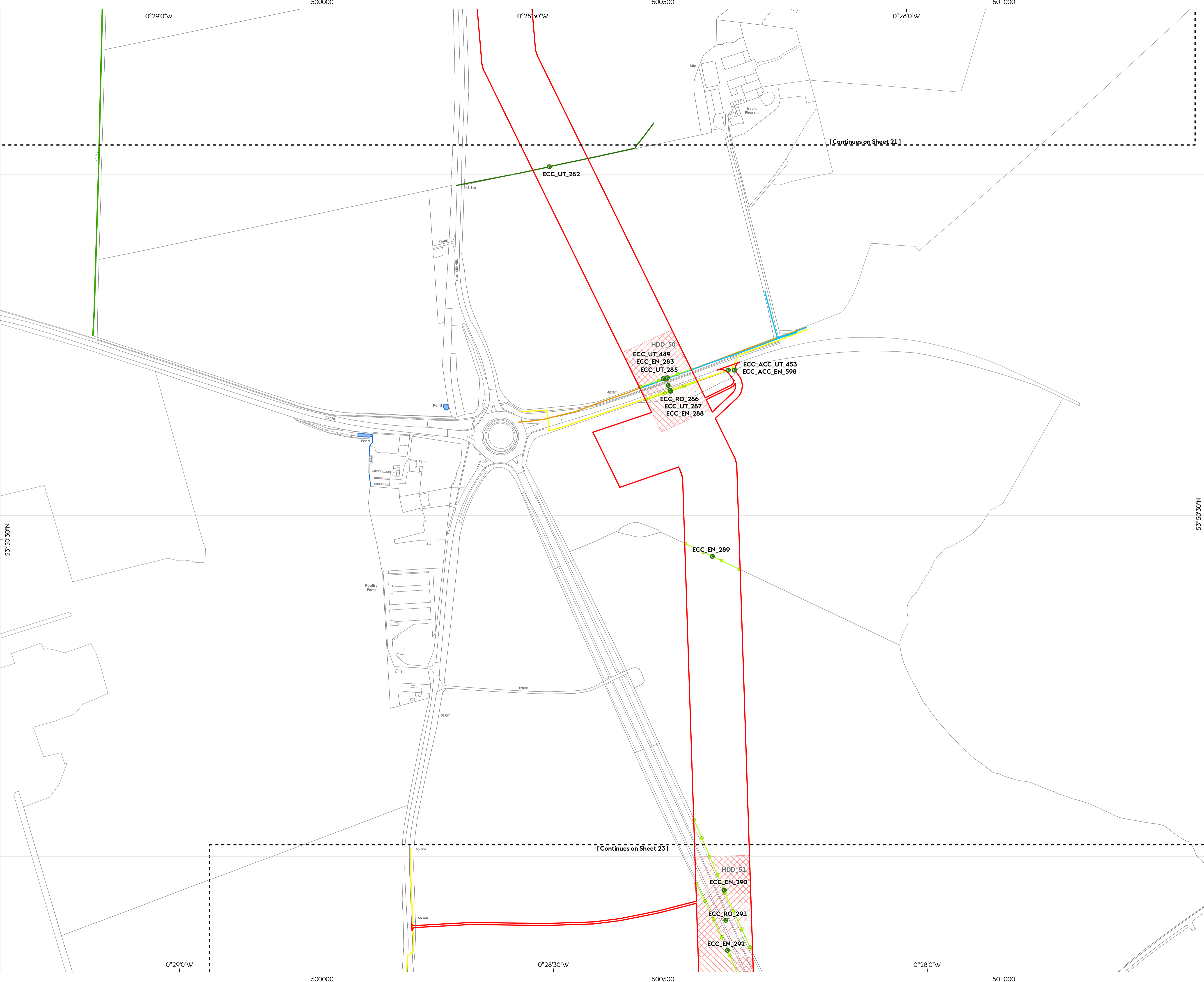
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Coordinate system: British National Grid
Vertical reference: ODN
Scale @ A1: 1:2,500
0 25 50 100 Meters
0 25 50 100 Yards
GRID NORTH

REV	REVISION	DATE
1	Final Issue for O&M	14/09/2021
A	Updated various onshore project elements, following consultation	14/09/2021

Onshore Crossing Schedule
Document no: HOW04019
Checked by: XDAOO
Accepted by: KELLY
Approved by: JAMIB

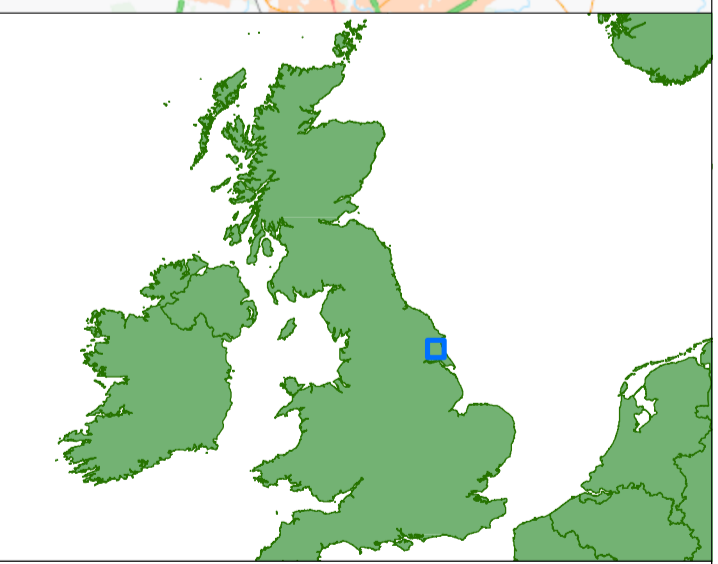
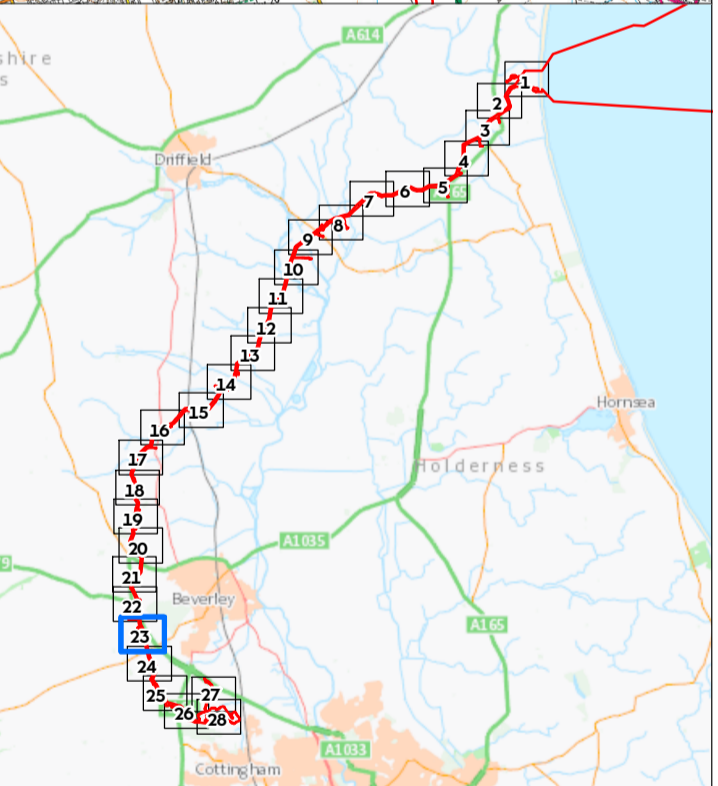
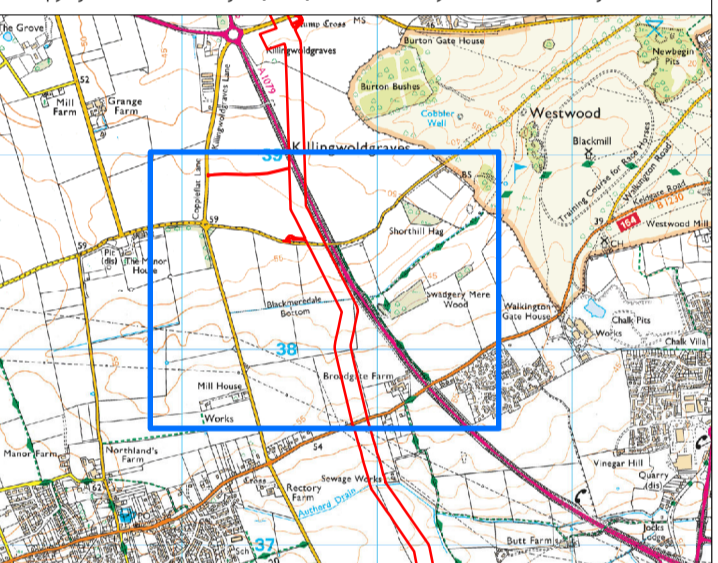


Hornsea Project Four Offshore Wind Farm Onshore Crossing Schedule Sheet 23 of 28

APFP Regulations Reference: 5(2)(a) Application Document Number: A4.4.2

- Sheet Boundary
- Crossing Point (Onshore)
- Order Limits
- Public Right of Way
- Hedgerow
- Utilities Provider**
 - Cadent Gas (Above 7 bar and 2 bar) and National Grid Electricity Transmission
 - KCOM Group
 - Northern Gas Networks
 - Northern Powergrid
 - Yorkshire Water
 - Watercourse
 - Waterbody
- Horizontal Directional Drilling: Indicative HDD Area**
- Proposed Crossing Method**
 - HDD with haul road
 - HDD/Open Cut with haul road

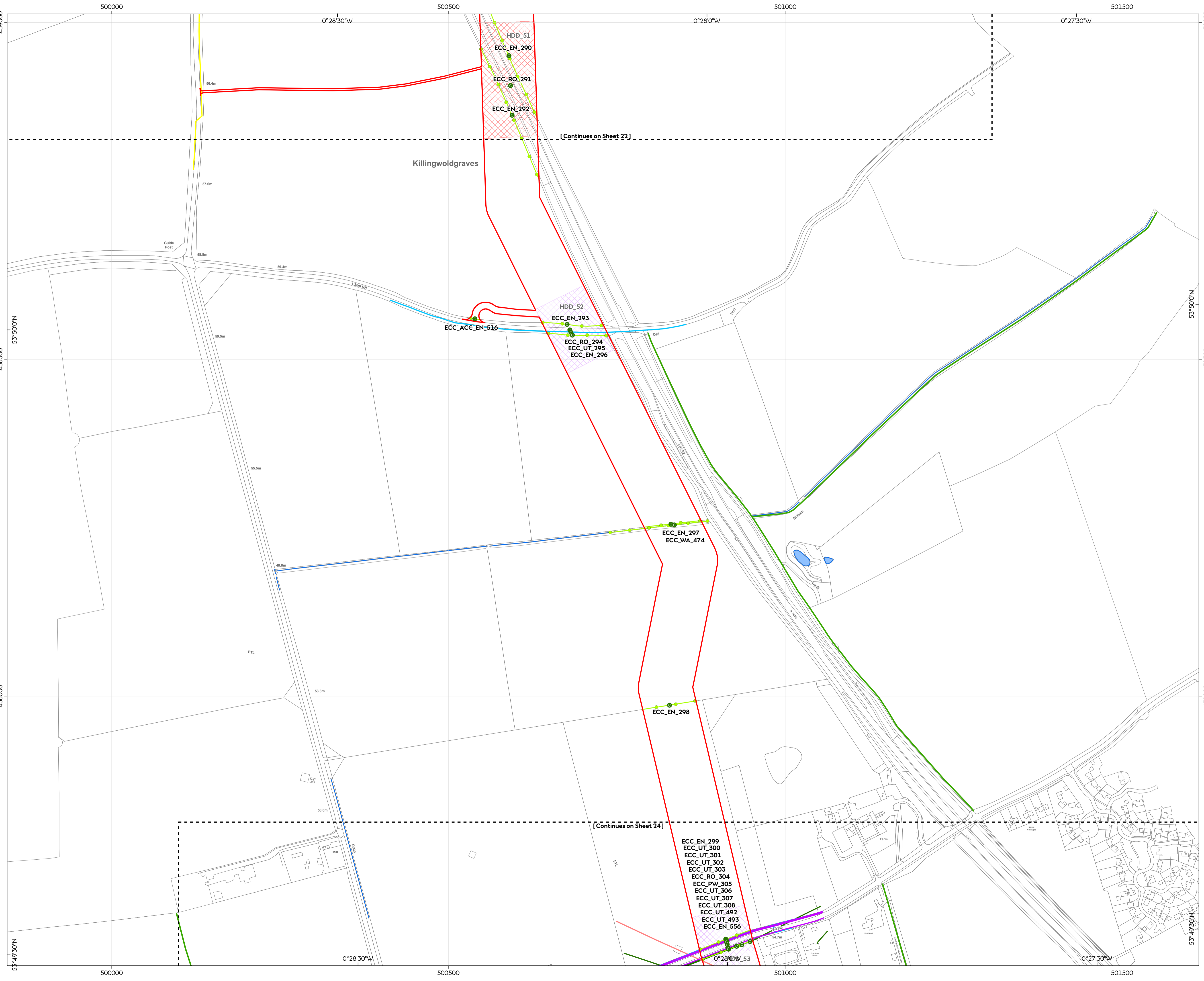
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Coordinate system: British National Grid
Vertical reference: ODN
Scale @ A1: 1:2,500
0 25 50 100 Meters
0 25 50 100 Yards
GRID NORTH














REV	REVISION	DATE
A	Updated various onshore project elements, following consultation	16/06/2023

Onshore Crossing Schedule
Document no: HOW040419
Created by: XDAO0
Checked by: WATTS
Accepted by: KELLY
Approved by: JAMIB



Hornsea Project Four Offshore Wind Farm Onshore Crossing Schedule Sheet 24 of 28

APFP Regulations Reference: 5(2)(a) Application Document Number: A4.4.2

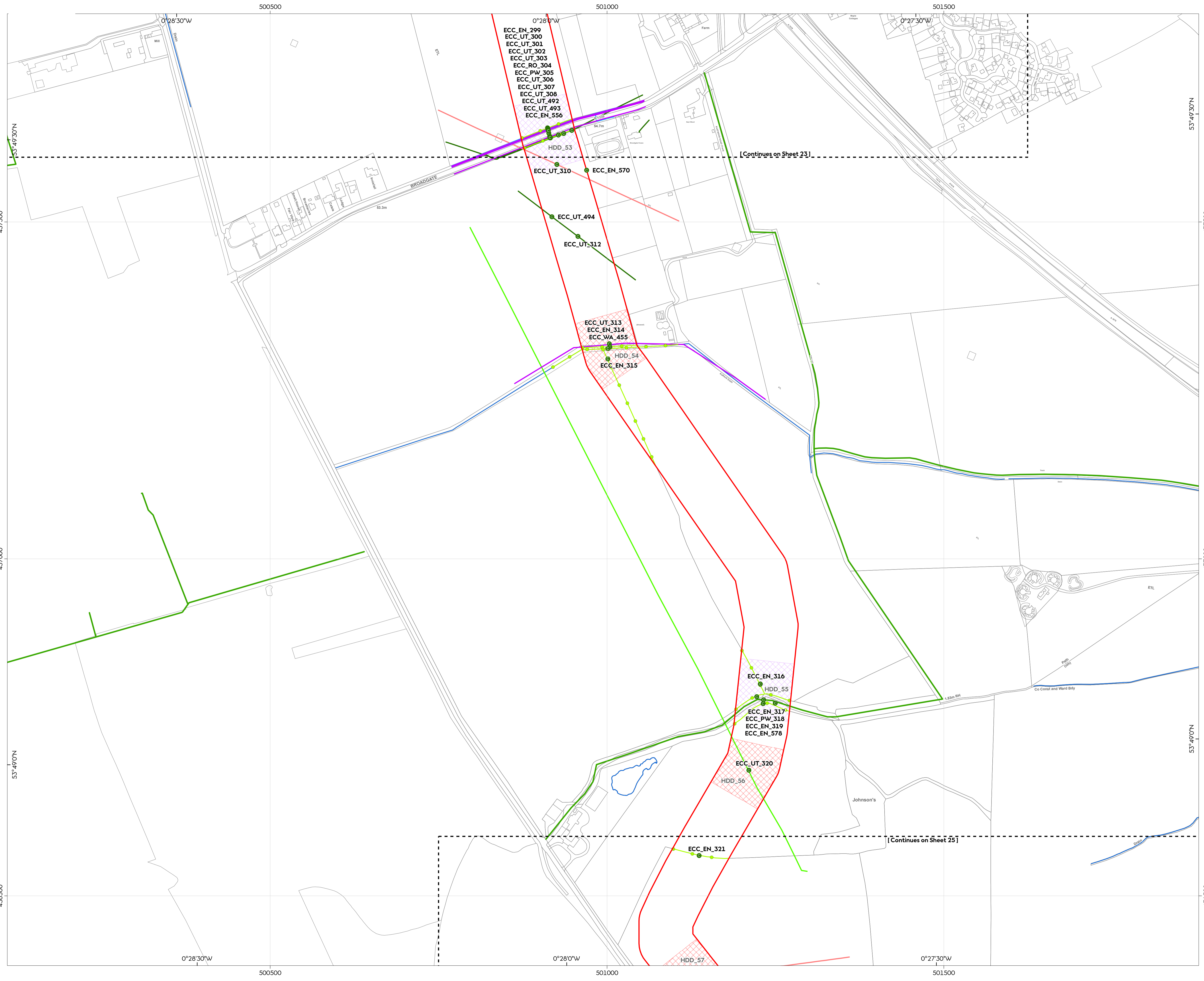
-  Sheet Boundary
-  Crossing Point (Onshore)
-  Order Limits
-  Public Right of Way
-  Hedgerow
- Utilities Provider**
 -  Cadent Gas (Above 7 bar and 2 bar) and National Grid Electricity Transmission
 -  INEOS TSEP
 -  KCOM Group
 -  Northern Powergrid
 -  Yorkshire Water
 -  Watercourse
- Horizontal Directional Drilling; Indicative HDD Area**
- Proposed Crossing Method**
 -  HDD with haul road
 -  HDD/Open Cut with haul road

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Coordinate system: British National Grid
Vertical reference: ODN
Scale @ A1: 1:2,500
0 25 50 100 Meters
0 25 50 100 Yards
GRID NORTH
















REV	REVISION	DATE
1	Final for ODO	16/06/2021
A	Updated various onshore project elements, following consultation	16/06/2021

Onshore Crossing Schedule
Document no: HOW040419
Checked by: XDAOO
Accepted by: WATTS
Approved by: JAMIB

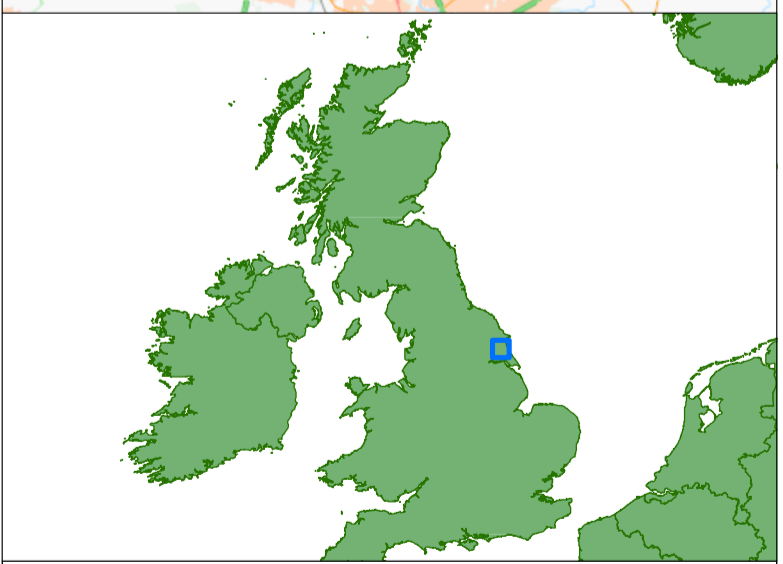
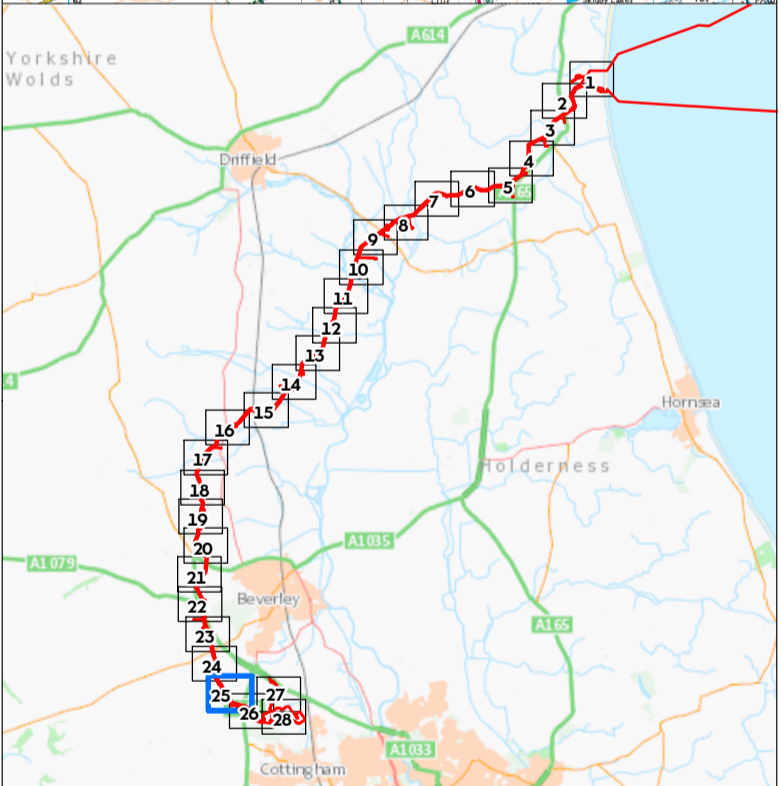
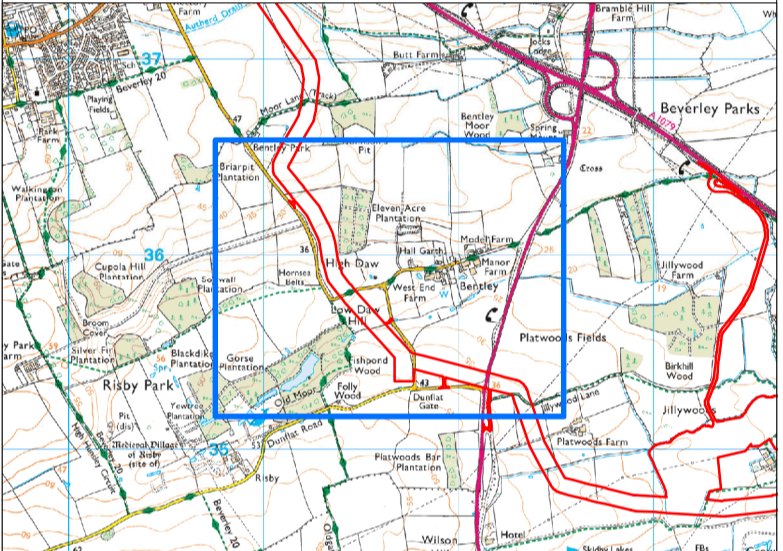


Hornsea Project Four Offshore Wind Farm Onshore Crossing Schedule Sheet 25 of 28

APFP Regulations Reference: 5(2)(a) Application Document Number: A4.4.2

-  Sheet Boundary
-  Crossing Point (Onshore)
-  Order Limits
-  Public Right of Way
-  Hedgerow
- Utilities Provider**
 -  Cadent Gas (Above 7 bar and 2 bar) and National Grid Electricity Transmission
 -  INEOS TSEP
 -  KCOM Group
 -  Northern Powergrid
 -  Yorkshire Water
 -  Watercourse
 -  Waterbody
- Horizontal Directional Drilling: Indicative HDD Area**
- Proposed Crossing Method**
 -  HDD with haul road
 -  HDD/Open Cut with bridge/culvert
 -  HDD/Open Cut with haul road

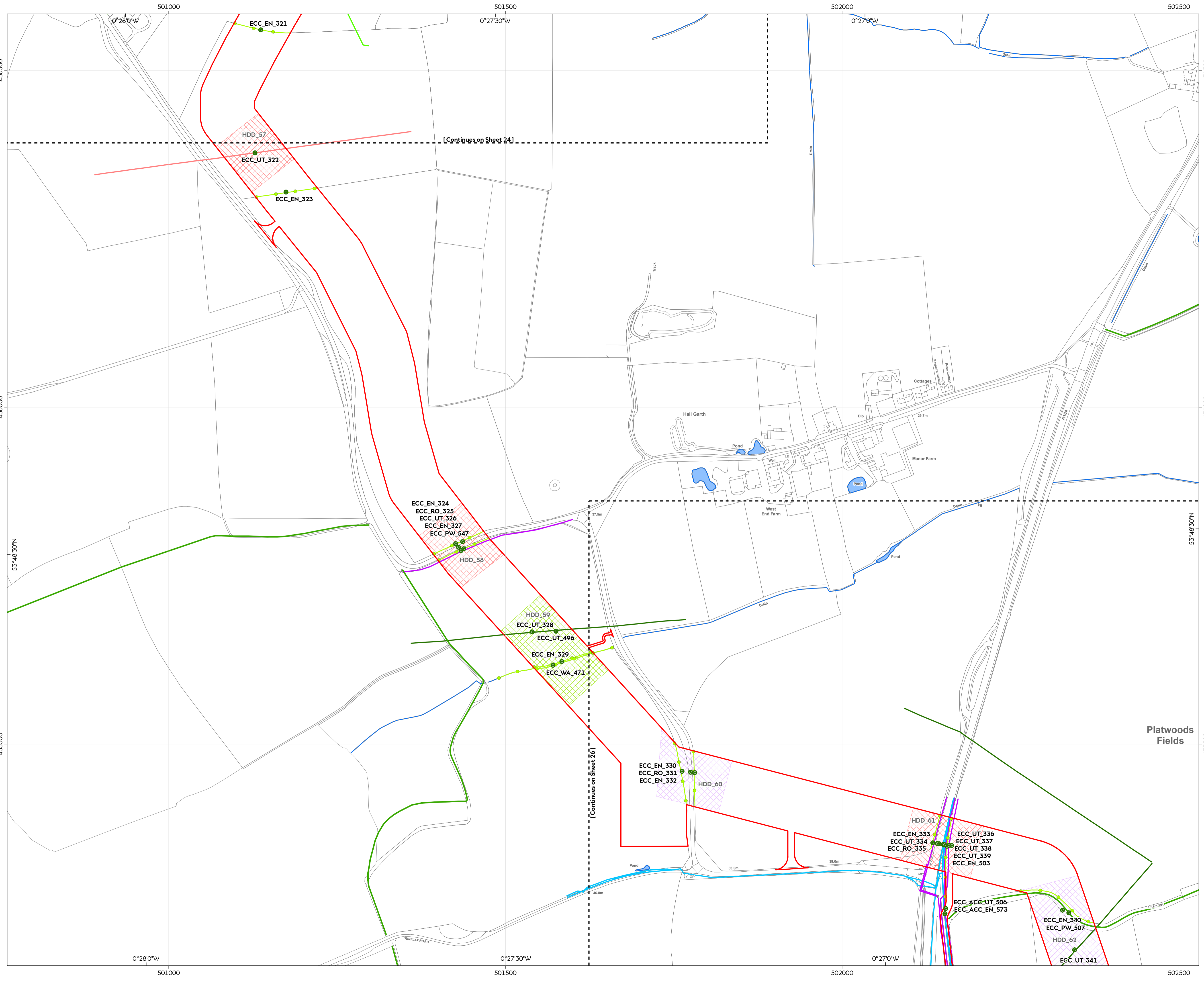
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Coordinate system: British National Grid
Vertical reference: ODN
Scale @ A1: 1:2,500
0 25 50 100 Meters
0 25 50 100 Yards
GRID NORTH

REV	REVISION	DATE
1	Final Issue for O&M	16/09/2021
A	Updated various onshore project elements, following consultation	16/09/2021

Onshore Crossing Schedule
Document no: HOW040419
Created by: XDAO0
Checked by: WATTS
Accepted by: KELLY
Approved by: JAMIB



[Continues on Sheet 24]

[Continues on Sheet 26]

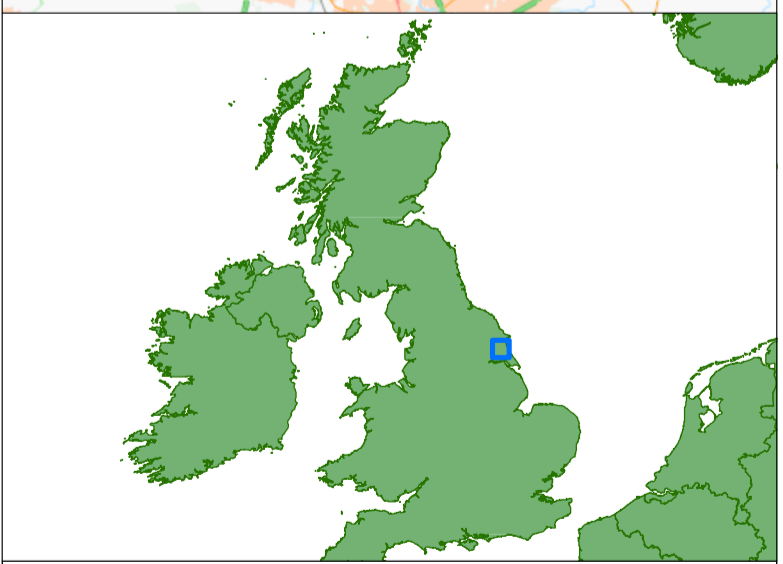
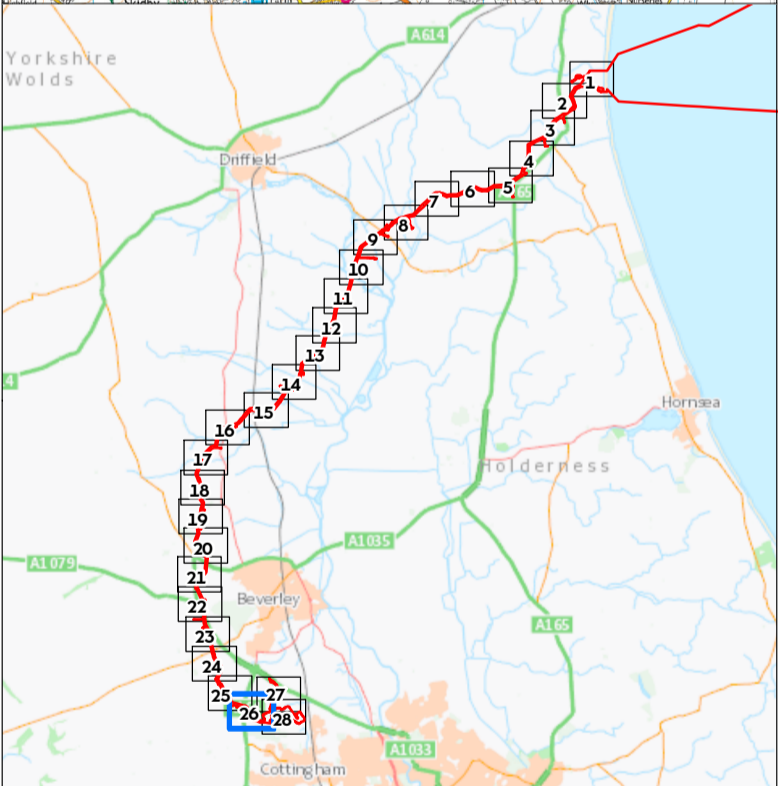
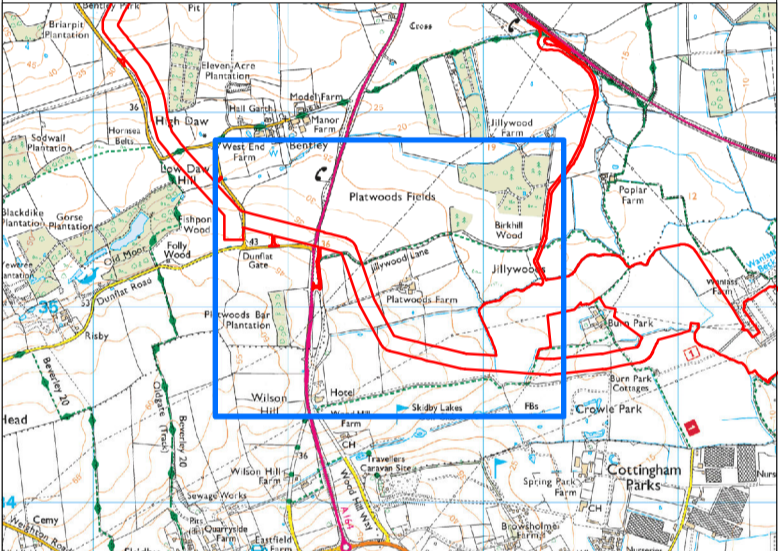
Platwoods Fields

Hornsea Project Four Offshore Wind Farm Onshore Crossing Schedule Sheet 26 of 28

APFP Regulations Reference: 5(2)(a) Application Document Number: A4.4.2

- Sheet Boundary
- Crossing Point (Onshore)
- Order Limits
- Public Right of Way
- Hedgerow
- Utilities Provider**
 - Cadent Gas (Above 7 bar and 2 bar) and National Grid Electricity Transmission
 - KCOM Group
 - Northern Gas Networks
 - Northern Powergrid
 - Yorkshire Water
 - Watercourse
 - Waterbody
- Horizontal Directional Drilling: Indicative HDD Area**
- Proposed Crossing Method**
 - HDD with haul road
 - HDD/Open Cut with bridge/culvert
 - HDD/Open Cut with haul road

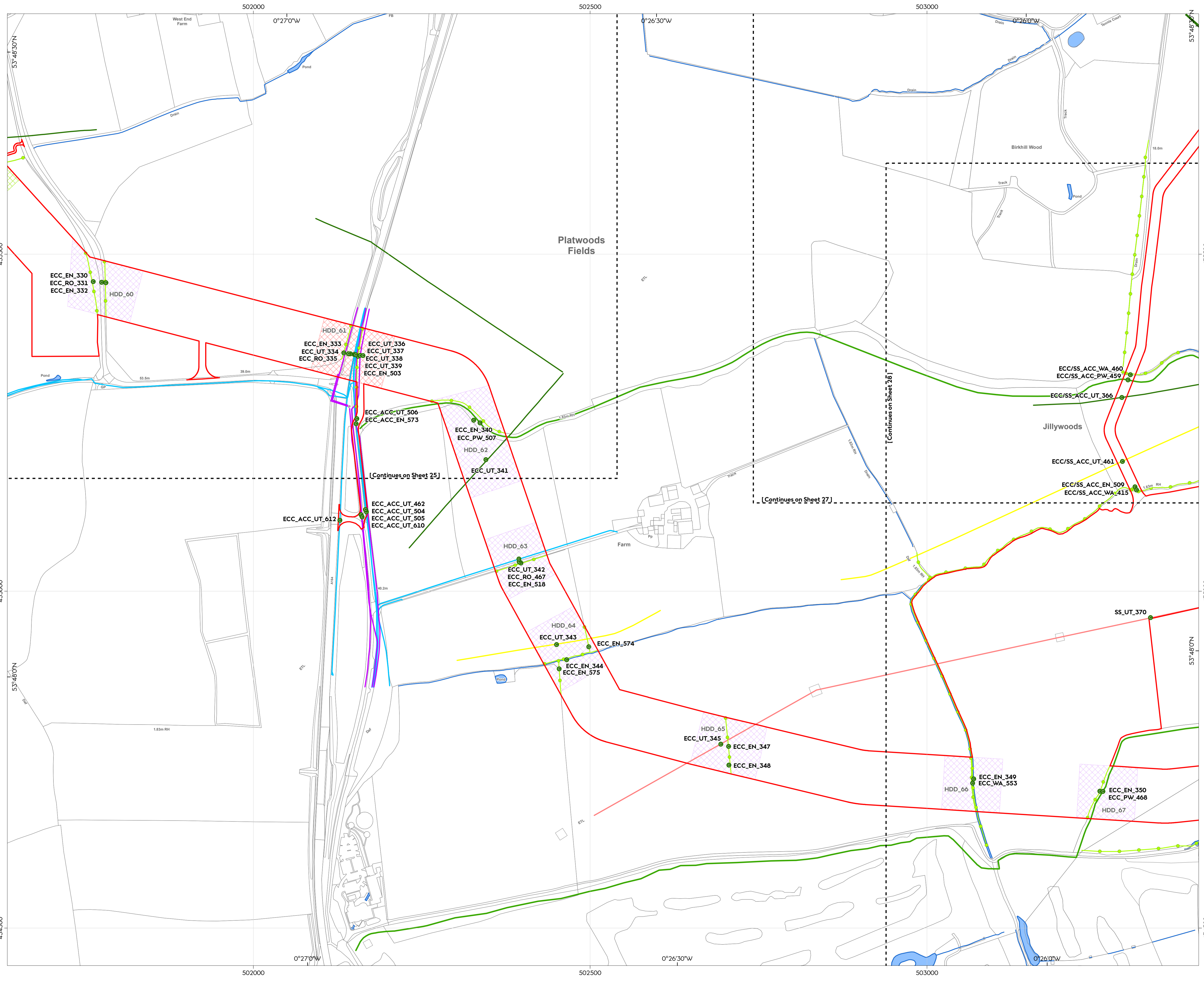
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Coordinate system: British National Grid
Vertical reference: ODN
Scale @ A1: 1:2,500
0 25 50 100 Meters
0 25 50 100 Yards
GRID NORTH













REV	REVISION	DATE
1	Final Issue for O&M	16/06/2021
A	Updated various onshore project elements, following consultation	16/06/2021

Onshore Crossing Schedule
Document no: HOW040419
Created by: XDAOO
Checked by: WATTS
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Approved by: JAMIB

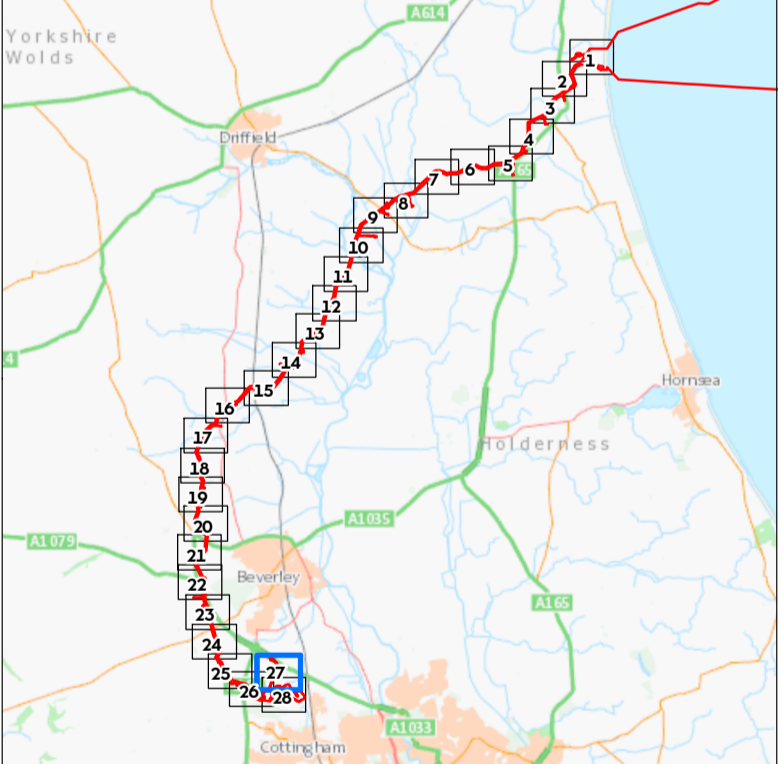
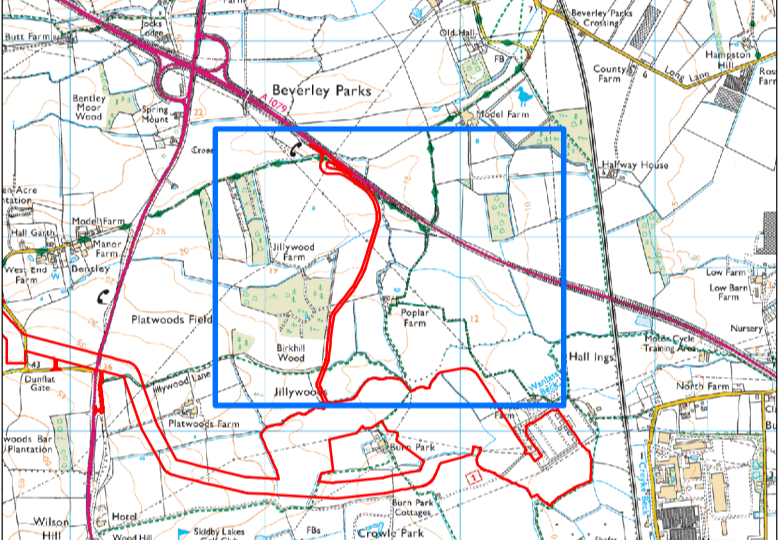


Hornsea Project Four Offshore Wind Farm Onshore Crossing Schedule Sheet 27 of 28

APFP Regulations Reference: 5(2)(a) Application Document Number: A4.4.2

-  Sheet Boundary
-  Crossing Point (Onshore)
-  Order Limits
-  Public Right of Way
-  Hedgerow
- Utilities Provider**
-  Cadent Gas (Above 7 bar and 2 bar) and National Grid Electricity Transmission
-  INEOS TSEP
-  KCOM Group
-  Northern Gas Networks
-  Northern Powergrid
-  Watercourse
-  Waterbody

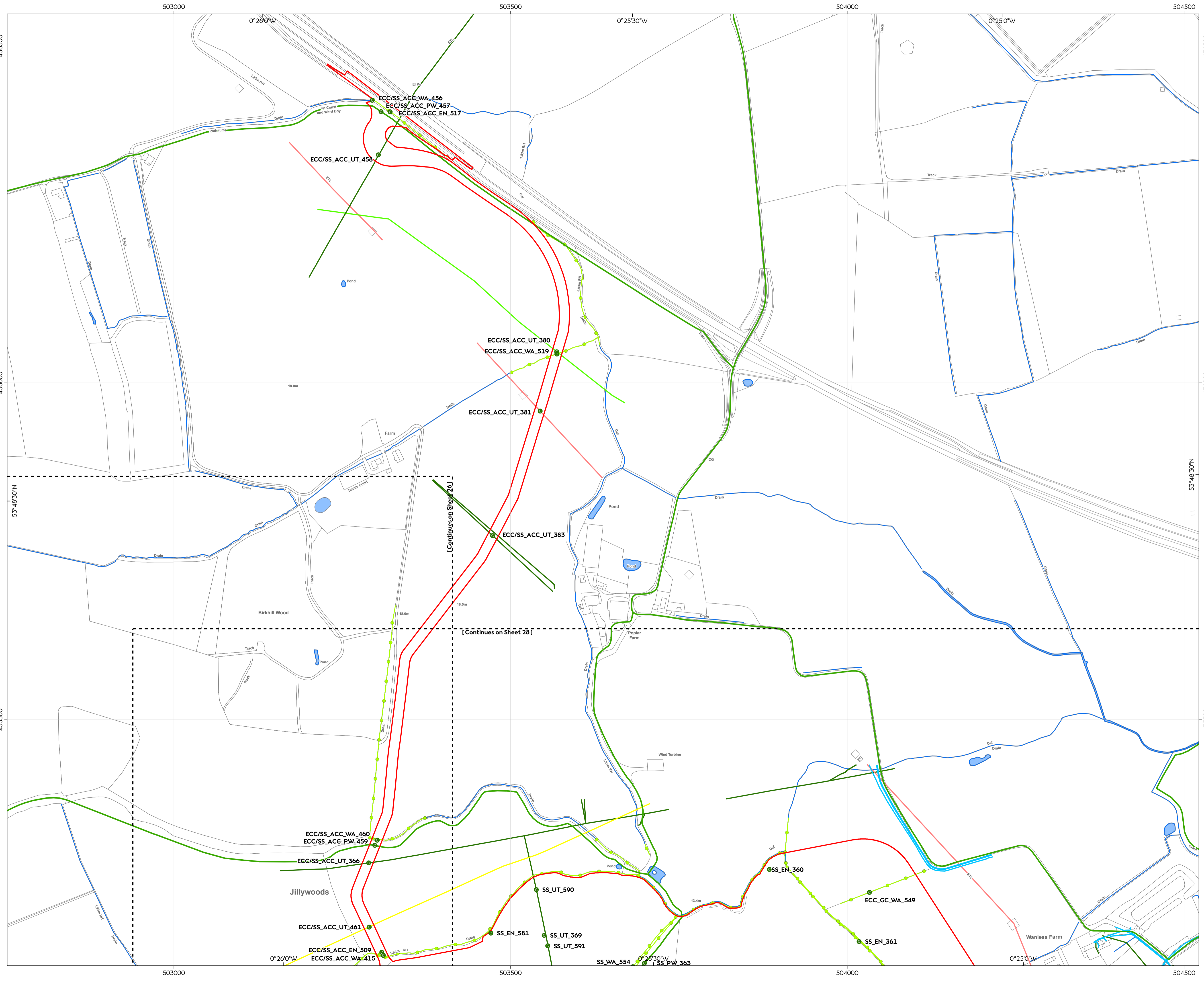
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Coordinate system: British National Grid
Vertical reference: ODN
Scale @ A1: 1:2,500
0 25 50 100 Meters
0 25 50 100 Yards
GRID NORTH

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1	Final Issue for ODO	16/06/2022
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Onshore Crossing Schedule
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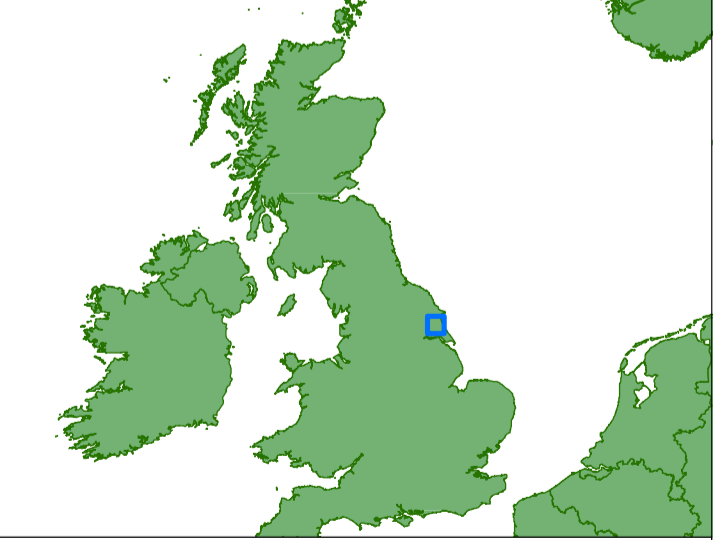
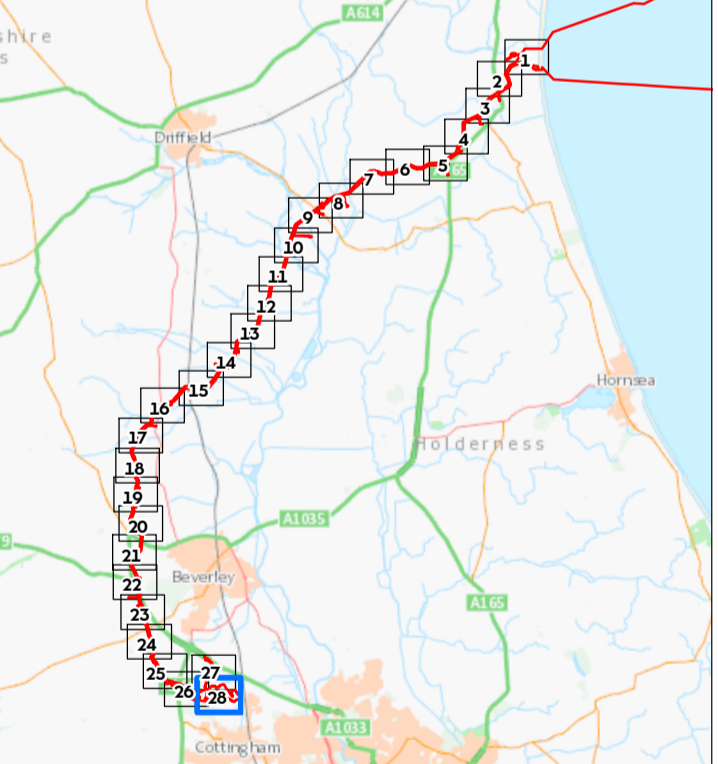
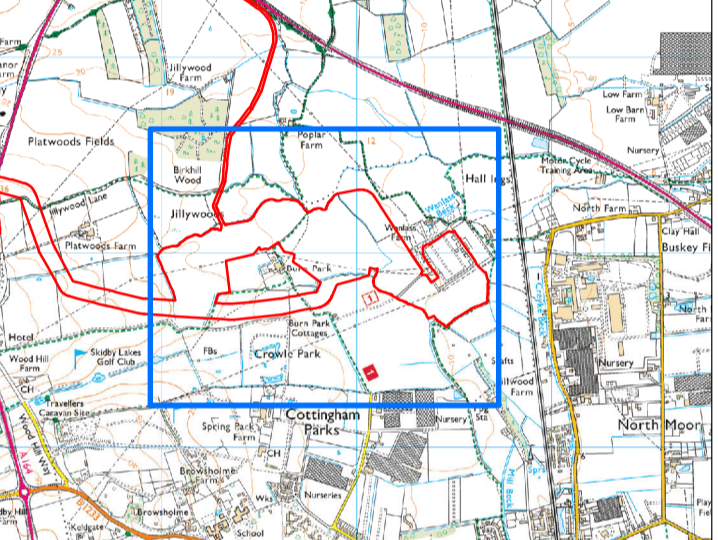


Hornsea Project Four Offshore Wind Farm Onshore Crossing Schedule Sheet 28 of 28

APFP Regulations Reference: 5(2)(a) Application Document Number: A4.4.2

- Sheet Boundary
- Crossing Point (Onshore)
- Order Limits
- Public Right of Way
- Hedgerow
- Utilities Provider**
 - Cadent Gas (Above 7 bar and 2 bar) and National Grid Electricity Transmission
 - KCOM Group
 - Northern Gas Networks
 - Northern Powergrid
 - Vodafone
 - Watercourse
 - Waterbody
- Horizontal Directional Drilling: Indicative HDD Area**
- Proposed Crossing Method**
 - HDD with bridge/culvert
 - HDD/Open Cut with haul road

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Coordinate system: British National Grid
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Onshore Crossing Schedule
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