RWE Renewables UK Dogger Bank South (West) Limited

RWE Renewables UK Dogger Bank South (East) Limited

Dogger Bank South Offshore Wind Farms

Environmental Statement

Volume 7

Appendix 5-2 Obstacle Crossing Register (Revision 2) (Tracked)

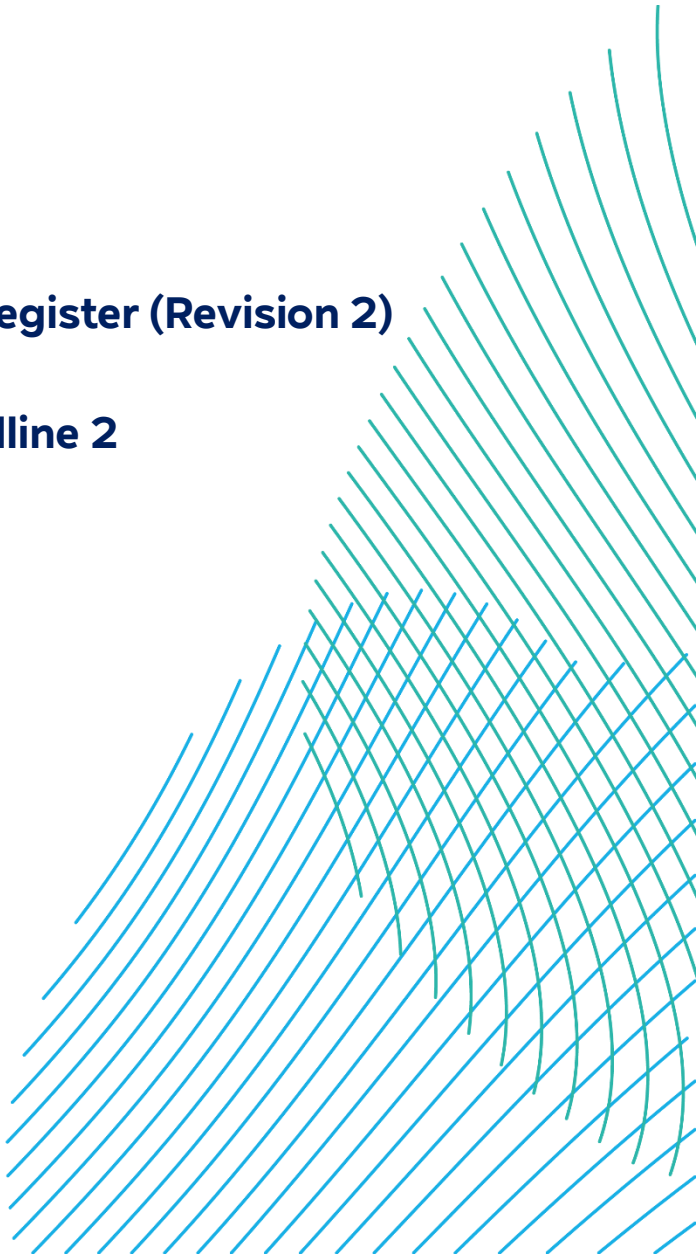
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November 2024

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Revision: 02



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Company:	**RWE Renewables UK Dogger Bank South (West) Limited and RWE Renewables UK Dogger Bank South (East) Limited**	Asset:	**Development**
Project:	**Dogger Bank South Offshore Wind Farms**	Sub Project/Package:	**Consents**
Document Title or Description:	Appendix 5-2 Obstacle Crossing Register (Revision 2) (Tracked)		
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Rev No.	Date	Status/Reason for Issue	Author	Checked by	Approved by
01	June 2024	Final for DCO Application	RHDHV	RWE	RWE
02	November 2024	Submission at previous Draft Deadline 2	RHDHV	RWE	RWE

Revision Change Log			
Rev No.	**Page**	**Section**	**Description**
01	N/A	N/A	Submitted for DCO Application
02	15	WX-25, WX-29, WX-30, WX-35, WX-59	Appendix 5-2 Obstacle Crossing Register has been updated to reflect an update to the Haul Road Crossing Requirement. The Applicants are committed to a temporary bridge crossing by clear span, of EA Main Rivers for WX25, WX29, WX-35 and WX-59 in response to the Environment Agency Relevant Representation (RR-015:2) [PDA-013]. The Haul Road Crossing Requirement has also been updated to reflect the option for culvert crossing of EA Main Rivers to be retained.

OBSTACLE TYPE	OBSTACLE ID	OBSTACLE DETAILS	OVERHEAD / SURFACE / BURIED	TRENCHING OR TRENCHLESS	HAUL ROAD CROSSING REQUIRED	PAGE NUMBER OF ES CHAPTER 5 APPENDIX 5-2 OBSTACLE CROSSINGS DRAWING
ENVIRONMENTAL OBSTACLE CROSSING	EOX-001B	TREES	SURFACE	EITHER OPTION AVAILABLE	NO	Page 3 & 4
ENVIRONMENTAL OBSTACLE CROSSING	EOX-001	HEDGEROW	SURFACE	TRENCHLESS CROSSING	NO	Page 4
ENVIRONMENTAL OBSTACLE CROSSING	EOX-002	HEDGEROW	SURFACE	TRENCHLESS CROSSING	NO	Page 4
ENVIRONMENTAL OBSTACLE CROSSING	EOX-001A	HEDGEROW (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 4
ENVIRONMENTAL OBSTACLE CROSSING	EOX-002A	HEDGEROW (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 4
ENVIRONMENTAL OBSTACLE CROSSING	EOX-003	HEDGEROW	SURFACE	TRENCHLESS CROSSING	NO	Page 4
ENVIRONMENTAL OBSTACLE CROSSING	EOX-004	HEDGEROW	SURFACE	TRENCHLESS CROSSING	NO	Page 4
ENVIRONMENTAL OBSTACLE CROSSING	EOX-003A	HEDGEROW (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 4
ENVIRONMENTAL OBSTACLE CROSSING	EOX-004A	HEDGEROW (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 4
ENVIRONMENTAL OBSTACLE CROSSING	EOX-005	HEDGEROW (MATURE TREES)	SURFACE	TRENCHLESS CROSSING	YES	Page 5
ENVIRONMENTAL OBSTACLE CROSSING	EOX-006	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 5
ENVIRONMENTAL OBSTACLE CROSSING	EOX-009	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 6
ENVIRONMENTAL OBSTACLE CROSSING	EOX-011	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 6
ENVIRONMENTAL OBSTACLE CROSSING	EOX-012	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 6
ENVIRONMENTAL OBSTACLE CROSSING	EOX-014	HEDGEROW	SURFACE	TRENCHLESS CROSSING	NO	Page 7
ENVIRONMENTAL OBSTACLE CROSSING	EOX-014A	HEDGEROW (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 7
ENVIRONMENTAL OBSTACLE CROSSING	EOX-015	HEDGEROW (MATURE TREES)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 7
ENVIRONMENTAL OBSTACLE CROSSING	EOX-016	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 7 & 8
ENVIRONMENTAL OBSTACLE CROSSING	EOX-017	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 7 & 8
ENVIRONMENTAL OBSTACLE CROSSING	EOX-018	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 8
ENVIRONMENTAL OBSTACLE CROSSING	EOX-018A	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 8
ENVIRONMENTAL OBSTACLE CROSSING	EOX-019	HEDGEROW (MATURE TREES)	SURFACE	EITHER OPTION AVAILABLE	YES	Page 8 & 9
ENVIRONMENTAL OBSTACLE CROSSING	EOX-020	HEDGEROW (MATURE TREES)	SURFACE	EITHER OPTION AVAILABLE	YES	Page 9
ENVIRONMENTAL OBSTACLE CROSSING	EOX-022	HEDGEROW (MATURE TREES)	SURFACE	EITHER OPTION AVAILABLE	YES	Page 9
ENVIRONMENTAL OBSTACLE CROSSING	EOX-023	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 9
ENVIRONMENTAL OBSTACLE CROSSING	EOX-024	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 9 & 10
ENVIRONMENTAL OBSTACLE CROSSING	EOX-025	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 10
ENVIRONMENTAL OBSTACLE CROSSING	EOX-026	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 10 & 11
ENVIRONMENTAL OBSTACLE CROSSING	EOX-028	HEDGEROW (MATURE TREES)	SURFACE	EITHER OPTION AVAILABLE	YES	Page 10 & 11
ENVIRONMENTAL OBSTACLE CROSSING	EOX-031	HEDGEROW	SURFACE	TRENCHLESS CROSSING	YES	Page 10 & 11
ENVIRONMENTAL OBSTACLE CROSSING	EOX-031A	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 11
ENVIRONMENTAL OBSTACLE CROSSING	EOX-032	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	NO	Page 11
ENVIRONMENTAL OBSTACLE CROSSING	EOX-033	HEDGEROW (MATURE TREES)	SURFACE	EITHER OPTION AVAILABLE	NO	Page 11
ENVIRONMENTAL OBSTACLE CROSSING	EOX-033A	HEDGEROW (ROAD WIDENING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 11
ENVIRONMENTAL OBSTACLE CROSSING	EOX-033B	HEDGEROW (ROAD WIDENING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 11
ENVIRONMENTAL OBSTACLE CROSSING	EOX-034	HEDGEROW (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 11
ENVIRONMENTAL OBSTACLE CROSSING	EOX-035	HEDGEROW / MATURE TREES (PERMANENT ACCESS CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 11
ENVIRONMENTAL OBSTACLE CROSSING	EOX-035A	HEDGEROW	SURFACE	OFF ROUTE HAUL ROAD CROSSING	NO	Page 11
ENVIRONMENTAL OBSTACLE CROSSING	EOX-038	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 12
ENVIRONMENTAL OBSTACLE CROSSING	EOX-039	HEDGEROW (MATURE TREES)	SURFACE	EITHER OPTION AVAILABLE	YES	Page 12 & 13
ENVIRONMENTAL OBSTACLE CROSSING	EOX-040	HEDGEROW (MATURE TREES)	SURFACE	EITHER OPTION AVAILABLE	YES	Page 13
ENVIRONMENTAL OBSTACLE CROSSING	EOX-041	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 13
ENVIRONMENTAL OBSTACLE CROSSING	EOX-041A	TREES	SURFACE	OFF ROUTE HAUL ROAD CROSSING	NO	Page 13
ENVIRONMENTAL OBSTACLE CROSSING	EOX-042	WOODLAND	SURFACE	TRENCHLESS CROSSING	YES	Page 13 & 14
ENVIRONMENTAL OBSTACLE CROSSING	EOX-044	HEDGEROW (MATURE TREES)	SURFACE	EITHER OPTION AVAILABLE	YES	Page 14
ENVIRONMENTAL OBSTACLE CROSSING	EOX-045	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 14
ENVIRONMENTAL OBSTACLE CROSSING	EOX-046	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 14
ENVIRONMENTAL OBSTACLE CROSSING	EOX-047	HEDGEROW (ACCESS LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 14
ENVIRONMENTAL OBSTACLE CROSSING	EOX-048	WOODLAND	SURFACE	TRENCHLESS CROSSING	NO	Page 14 & 15
ENVIRONMENTAL OBSTACLE CROSSING	EOX-049	MATURE TREES	SURFACE	TRENCHLESS CROSSING	NO	Page 14 & 15
ENVIRONMENTAL OBSTACLE CROSSING	EOX-050	HEDGEROW	SURFACE	TRENCHLESS CROSSING	NO	Page 14 & 15
ENVIRONMENTAL OBSTACLE CROSSING	EOX-051	HEDGEROW	SURFACE	TRENCHLESS CROSSING	NO	Page 14 & 15
ENVIRONMENTAL OBSTACLE CROSSING	EOX-052	HEDGEROW (ACCESS LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 14 & 15
ENVIRONMENTAL OBSTACLE CROSSING	EOX-053	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 14 & 15

OBSTACLE TYPE	OBSTACLE ID	OBSTACLE DETAILS	OVERHEAD / SURFACE / BURIED	TRENCHING OR TRENCHLESS	HAUL ROAD CROSSING REQUIRED	PAGE NUMBER OF ES CHAPTER 5 APPENDIX 5-2 OBSTACLE CROSSINGS DRAWING
ENVIRONMENTAL OBSTACLE CROSSING	EOX-054	HEDGEROW (MATURE TREES)	SURFACE	EITHER OPTION AVAILABLE	YES	Page 15
ENVIRONMENTAL OBSTACLE CROSSING	EOX-055	HEDGEROW (MATURE TREES)	SURFACE	EITHER OPTION AVAILABLE	NO	Page 15
ENVIRONMENTAL OBSTACLE CROSSING	EOX-056	HEDGEROW (MATURE TREES)	SURFACE	EITHER OPTION AVAILABLE	NO	Page 15
ENVIRONMENTAL OBSTACLE CROSSING	EOX-055A	HEDGEROW / MATURE TREES (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 15
ENVIRONMENTAL OBSTACLE CROSSING	EOX-056A	HEDGEROW / MATURE TREES (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 15
ENVIRONMENTAL OBSTACLE CROSSING	EOX-057	HEDGEROW (MATURE TREES)	SURFACE	EITHER OPTION AVAILABLE	YES	Page 15
ENVIRONMENTAL OBSTACLE CROSSING	EOX-057A	TREES	SURFACE	OFF ROUTE HAUL ROAD CROSSING	NO	Page 15
ENVIRONMENTAL OBSTACLE CROSSING	EOX-058	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 15
ENVIRONMENTAL OBSTACLE CROSSING	EOX-059	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 16
ENVIRONMENTAL OBSTACLE CROSSING	EOX-060	HEDGEROW (MATURE TREES)	SURFACE	TRENCHLESS CROSSING	YES	Page 16
ENVIRONMENTAL OBSTACLE CROSSING	EOX-061	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 16
ENVIRONMENTAL OBSTACLE CROSSING	EOX-062	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 16 & 17
ENVIRONMENTAL OBSTACLE CROSSING	EOX-063	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 16 & 17
ENVIRONMENTAL OBSTACLE CROSSING	EOX-63A	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 17
ENVIRONMENTAL OBSTACLE CROSSING	EOX-064	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 17
ENVIRONMENTAL OBSTACLE CROSSING	EOX-065	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 17 & 18
ENVIRONMENTAL OBSTACLE CROSSING	EOX-064A	HEDGEROW (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 17
ENVIRONMENTAL OBSTACLE CROSSING	EOX-065A	HEDGEROW (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 18
ENVIRONMENTAL OBSTACLE CROSSING	EOX-066	HEDGEROW	SURFACE	TRENCHLESS CROSSING	NO	Page 18
ENVIRONMENTAL OBSTACLE CROSSING	EOX-067	HEDGEROW	SURFACE	TRENCHLESS CROSSING	NO	Page 18
ENVIRONMENTAL OBSTACLE CROSSING	EOX-068	HEDGEROW (ACCESS LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 18
ENVIRONMENTAL OBSTACLE CROSSING	EOX-069	HEDGEROW (ACCESS LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 18
ENVIRONMENTAL OBSTACLE CROSSING	EOX-071	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 19
ENVIRONMENTAL OBSTACLE CROSSING	EOX-071A	HEDGEROW (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	NO	Page 19 & 20
ENVIRONMENTAL OBSTACLE CROSSING	EOX-071B	HEDGEROW (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	NO	Page 19 & 20
ENVIRONMENTAL OBSTACLE CROSSING	EOX-071C	HEDGEROW (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	NO	Page 20
ENVIRONMENTAL OBSTACLE CROSSING	EOX-072	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 19 & 21
ENVIRONMENTAL OBSTACLE CROSSING	EOX-073	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 21
ENVIRONMENTAL OBSTACLE CROSSING	EOX-074	HEDGEROW	SURFACE	TRENCHLESS CROSSING	YES	Page 21
ENVIRONMENTAL OBSTACLE CROSSING	EOX-075	HEDGEROW	SURFACE	TRENCHLESS CROSSING	YES	Page 21
ENVIRONMENTAL OBSTACLE CROSSING	EOX-076	HEDGEROW	SURFACE	TRENCHLESS CROSSING	NO	Page 22
ENVIRONMENTAL OBSTACLE CROSSING	EOX-077	HEDGEROW	SURFACE	TRENCHLESS CROSSING	NO	Page 22
ENVIRONMENTAL OBSTACLE CROSSING	EOX-077A	HEDGEROW (ACCESS LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 22
ENVIRONMENTAL OBSTACLE CROSSING	EOX-077B	HEDGEROW (ACCESS LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 22
ENVIRONMENTAL OBSTACLE CROSSING	EOX-077C	HEDGEROW (ACCESS LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	NO	Page 22
ENVIRONMENTAL OBSTACLE CROSSING	EOX-078	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 22
ENVIRONMENTAL OBSTACLE CROSSING	EOX-079	HEDGEROW (MATURE TREES)	SURFACE	TRENCHLESS CROSSING	YES	Page 23
ENVIRONMENTAL OBSTACLE CROSSING	EOX-080	HEDGEROW (MATURE TREES)	SURFACE	EITHER OPTION AVAILABLE	YES	Page 23
ENVIRONMENTAL OBSTACLE CROSSING	EOX-081	MATURE TREE	SURFACE	OFF ROUTE HAUL ROAD CROSSING	NO	Page 23
ENVIRONMENTAL OBSTACLE CROSSING	EOX-082	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 23
ENVIRONMENTAL OBSTACLE CROSSING	EOX-083	HEDGEROW	SURFACE	TRENCHLESS CROSSING	NO	Page 23 & 24
ENVIRONMENTAL OBSTACLE CROSSING	EOX-084	HEDGEROW	SURFACE	TRENCHLESS CROSSING	NO	Page 23 & 24
ENVIRONMENTAL OBSTACLE CROSSING	EOX-085	HEDGEROW (ACCESS LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 23 & 24
ENVIRONMENTAL OBSTACLE CROSSING	EOX-085A	HEDGEROW (ACCESS LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 23 & 24
ENVIRONMENTAL OBSTACLE CROSSING	EOX-084A	HEDGEROW (ROAD WIDENING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 23 & 24
ENVIRONMENTAL OBSTACLE CROSSING	EOX-086	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 23 & 24 & 25
ENVIRONMENTAL OBSTACLE CROSSING	EOX-087	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 25
ENVIRONMENTAL OBSTACLE CROSSING	EOX-088	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 25
ENVIRONMENTAL OBSTACLE CROSSING	EOX-089	HEDGEROW (MATURE TREES)	SURFACE	EITHER OPTION AVAILABLE	YES	Page 25
ENVIRONMENTAL OBSTACLE CROSSING	EOX-091	HEDGEROW / TREE LINE	SURFACE	TRENCHLESS CROSSING	NO	Page 25
ENVIRONMENTAL OBSTACLE CROSSING	EOX-092B	PRIORITY HABITAT	SURFACE	TRENCHLESS CROSSING	NO	Page 26
ENVIRONMENTAL OBSTACLE CROSSING	EOX-093B	HEDGEROW (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 26
ENVIRONMENTAL OBSTACLE CROSSING	EOX-096	HEDGEROW (ACCESS LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 27
ENVIRONMENTAL OBSTACLE CROSSING	EOX-096A	HEDGEROW (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 27

OBSTACLE TYPE	OBSTACLE ID	OBSTACLE DETAILS	OVERHEAD / SURFACE / BURIED	TRENCHING OR TRENCHLESS	HAUL ROAD CROSSING REQUIRED	PAGE NUMBER OF ES CHAPTER 5 APPENDIX 5-2 OBSTACLE CROSSINGS DRAWING
ENVIRONMENTAL OBSTACLE CROSSING	EOX-096B	HEDGEROW (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 27
ENVIRONMENTAL OBSTACLE CROSSING	EOX-096C	HEDGEROW (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 27
ENVIRONMENTAL OBSTACLE CROSSING	EOX-097	HEDGEROW	SURFACE	TRENCHLESS CROSSING	NO	Page 26 & 28
ENVIRONMENTAL OBSTACLE CROSSING	EOX-097A	HEDGEROW (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 26 & 27
ENVIRONMENTAL OBSTACLE CROSSING	EOX-097B	HEDGEROW (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	NO	Page 26 & 27
ENVIRONMENTAL OBSTACLE CROSSING	EOX-098	HEDGEROW (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 26 & 27
ENVIRONMENTAL OBSTACLE CROSSING	EOX-099	HEDGEROW	SURFACE	TRENCHLESS CROSSING	NO	Page 26 & 28
ENVIRONMENTAL OBSTACLE CROSSING	EOX-102	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 28
ENVIRONMENTAL OBSTACLE CROSSING	EOX-103	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 28
ENVIRONMENTAL OBSTACLE CROSSING	EOX-110	HEDGEROW (ACCESS LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 28
ENVIRONMENTAL OBSTACLE CROSSING	EOX-111	HEDGEROW (ACCESS LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 28
ENVIRONMENTAL OBSTACLE CROSSING	EOX-111A	HEDGEROW (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 28
ENVIRONMENTAL OBSTACLE CROSSING	EOX-111B	HEDGEROW (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 28
ENVIRONMENTAL OBSTACLE CROSSING	EOX-111C	HEDGEROW (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 28
ENVIRONMENTAL OBSTACLE CROSSING	EOX-112	HEDGEROW (MATURE TREES)	SURFACE	EITHER OPTION AVAILABLE	YES	Page 28
ENVIRONMENTAL OBSTACLE CROSSING	EOX-113	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 28
ENVIRONMENTAL OBSTACLE CROSSING	EOX-114	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 28
ENVIRONMENTAL OBSTACLE CROSSING	EOX-115	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 28
ENVIRONMENTAL OBSTACLE CROSSING	EOX-116	HEDGEROW	SURFACE	TRENCHLESS CROSSING	YES	Page 28 & 29
ENVIRONMENTAL OBSTACLE CROSSING	EOX-117	HEDGEROW	SURFACE	TRENCHLESS CROSSING	NO	Page 28 & 29
ENVIRONMENTAL OBSTACLE CROSSING	EOX-119	HEDGEROW	SURFACE	TRENCHLESS CROSSING	YES	Page 29
ENVIRONMENTAL OBSTACLE CROSSING	EOX-120	HEDGEROW	SURFACE	TRENCHLESS CROSSING	YES	Page 29
ENVIRONMENTAL OBSTACLE CROSSING	EOX-121	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 29 & 30
ENVIRONMENTAL OBSTACLE CROSSING	EOX-122	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 29 & 30
ENVIRONMENTAL OBSTACLE CROSSING	EOX-123	HEDGEROW	SURFACE	TRENCHLESS CROSSING	NO	Page 29 & 30
ENVIRONMENTAL OBSTACLE CROSSING	EOX-124	HEDGEROW	SURFACE	TRENCHLESS CROSSING	NO	Page 29 & 30
ENVIRONMENTAL OBSTACLE CROSSING	EOX-125	HEDGEROW (TCC LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 30
ENVIRONMENTAL OBSTACLE CROSSING	EOX-126	HEDGEROW (ACCESS LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 30
ENVIRONMENTAL OBSTACLE CROSSING	EOX-126A	HEDGEROW (ACCESS LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 30
ENVIRONMENTAL OBSTACLE CROSSING	EOX-127	HEDGEROW (ACCESS LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 30
ENVIRONMENTAL OBSTACLE CROSSING	EOX-129	HEDGEROW (MATURE TREES)	SURFACE	EITHER OPTION AVAILABLE	YES	Page 30 & 31
ENVIRONMENTAL OBSTACLE CROSSING	EOX-131	WOODLAND	SURFACE	TRENCHLESS CROSSING	YES	Page 31 & 32
ENVIRONMENTAL OBSTACLE CROSSING	EOX-132	HEDGEROW	SURFACE	TRENCHLESS CROSSING	YES	Page 31 & 32
ENVIRONMENTAL OBSTACLE CROSSING	EOX-133	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 32
ENVIRONMENTAL OBSTACLE CROSSING	EOX-134	HEDGEROW	SURFACE	TRENCHLESS CROSSING	NO	Page 32 & 33
ENVIRONMENTAL OBSTACLE CROSSING	EOX-135	MATURE TREES ALONG NEWBALD ROAD	SURFACE	TRENCHLESS CROSSING	NO	Page 32 & 33
ENVIRONMENTAL OBSTACLE CROSSING	EOX-136	HEDGEROW (MATURE TREES)	SURFACE	EITHER OPTION AVAILABLE	YES	Page 32 & 33
ENVIRONMENTAL OBSTACLE CROSSING	EOX-137	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 33
ENVIRONMENTAL OBSTACLE CROSSING	EOX-138	HEDGEROW (ACCESS LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 33
ENVIRONMENTAL OBSTACLE CROSSING	EOX-139	HEDGEROW (TCC LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 33
ENVIRONMENTAL OBSTACLE CROSSING	EOX-140	HEDGEROW	SURFACE	TRENCHLESS CROSSING	NO	Page 33
ENVIRONMENTAL OBSTACLE CROSSING	EOX-141	HEDGEROW	SURFACE	TRENCHLESS CROSSING	YES	Page 33
ENVIRONMENTAL OBSTACLE CROSSING	EOX-142	MATURE TREES SOUTH OF B1230 BROADGATE	SURFACE	TRENCHLESS CROSSING	NO	Page 33
ENVIRONMENTAL OBSTACLE CROSSING	EOX-143	HEDGEROW	SURFACE	TRENCHLESS CROSSING	YES	Page 33
ENVIRONMENTAL OBSTACLE CROSSING	EOX-144	MATURE TREES SOUTH OF B1230 BROADGATE	SURFACE	TRENCHLESS CROSSING	NO	Page 33
ENVIRONMENTAL OBSTACLE CROSSING	EOX-145	LARGE HEDGEROW AND MATURE TREES	SURFACE	EITHER OPTION AVAILABLE	YES	Page 33 & 34
ENVIRONMENTAL OBSTACLE CROSSING	EOX-146	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 33 & 34
ENVIRONMENTAL OBSTACLE CROSSING	EOX-147	HEDGEROW	SURFACE	TRENCHLESS CROSSING	NO	Page 34
ENVIRONMENTAL OBSTACLE CROSSING	EOX-148	HEDGEROW (MATURE TREES)	SURFACE	TRENCHLESS CROSSING	NO	Page 34
ENVIRONMENTAL OBSTACLE CROSSING	EOX-149	HEDGEROW (MATURE TREES)	SURFACE	TRENCHLESS CROSSING	NO	Page 34
ENVIRONMENTAL OBSTACLE CROSSING	EOX-150	HEDGEROW (MATURE TREES)	SURFACE	TRENCHLESS CROSSING	NO	Page 34
ENVIRONMENTAL OBSTACLE CROSSING	EOX-151	HEDGEROW (PERMANENT ACCESS CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 34
ENVIRONMENTAL OBSTACLE CROSSING	EOX-152	HEDGEROW (TCC LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 34
ENVIRONMENTAL OBSTACLE CROSSING	EOX-153	HEDGEROW (PERMANENT ACCESS CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 34

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ENVIRONMENTAL OBSTACLE CROSSING	EOX-154	HEDGEROW (PERMANENT ACCESS CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 34 & 35
ENVIRONMENTAL OBSTACLE CROSSING	EOX-155	HEDGEROW (TCC LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 34 & 35
ENVIRONMENTAL OBSTACLE CROSSING	EOX-156	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 34 & 35
ENVIRONMENTAL OBSTACLE CROSSING	EOX-157	HEDGEROW / MATURE TREES (PERMANENT ACCESS CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 34 & 35
ENVIRONMENTAL OBSTACLE CROSSING	EOX-158	HEDGEROW/MATURE TREES	SURFACE	EITHER OPTION AVAILABLE	YES	Page 34 & 35
ENVIRONMENTAL OBSTACLE CROSSING	EOX-158A	HEDGEROW (ALONG PROJECT BOUNDARY)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	NO	Page 34 & 35
ENVIRONMENTAL OBSTACLE CROSSING	EOX-158B	HEDGEROW (ALONG PROJECT BOUNDARY)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	NO	Page 34 & 35
ENVIRONMENTAL OBSTACLE CROSSING	EOX-158C	HEDGEROW (ALONG PROJECT BOUNDARY)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	NO	Page 34 & 35
ENVIRONMENTAL OBSTACLE CROSSING	EOX-158D	HEDGEROW (ALONG PROJECT BOUNDARY)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	NO	Page 34 & 35
ENVIRONMENTAL OBSTACLE CROSSING	EOX-158E	HEDGEROW (ALONG PROJECT BOUNDARY)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	NO	Page 34 & 35
ENVIRONMENTAL OBSTACLE CROSSING	EOX-158F	HEDGEROW (ALONG PROJECT BOUNDARY)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	NO	Page 34 & 35
ENVIRONMENTAL OBSTACLE CROSSING	EOX-158G	HEDGEROW (ALONG PROJECT BOUNDARY)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	NO	Page 35
ENVIRONMENTAL OBSTACLE CROSSING	EOX-158H	HEDGEROW (ALONG PROJECT BOUNDARY)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	NO	Page 35
ENVIRONMENTAL OBSTACLE CROSSING	EOX-158I	HEDGEROW (ALONG PROJECT BOUNDARY)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	NO	Page 35
ENVIRONMENTAL OBSTACLE CROSSING	EOX-160	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 35
ENVIRONMENTAL OBSTACLE CROSSING	EOX-161	HEDGEROW/MATURE TREES (WITHIN SUBSTATION FOOTPRINT)	SURFACE	TO BE REMOVED FOR SUBSTATION CONSTRUCTION	NO	Page 35
ENVIRONMENTAL OBSTACLE CROSSING	EOX-162	HEDGEROW/MATURE TREES (WITHIN SUBSTATION FOOTPRINT)	SURFACE	TO BE REMOVED FOR SUBSTATION CONSTRUCTION	NO	Page 35
ENVIRONMENTAL OBSTACLE CROSSING	EOX-176	ANCIENT WOODLAND	SURFACE	TRENCHLESS CROSSING	NO	Page 34 & 35
ENVIRONMENTAL OBSTACLE CROSSING	EOX-177	HEDGEROW (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 34 & 35
ENVIRONMENTAL OBSTACLE CROSSING	EOX-177A	HEDGEROW (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 34 & 35
ENVIRONMENTAL OBSTACLE CROSSING	EOX-178	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 34 & 35
ENVIRONMENTAL OBSTACLE CROSSING	EOX-179	HEDGEROW/MATURE TREES	SURFACE	EITHER OPTION AVAILABLE	YES	Page 34 & 35
ENVIRONMENTAL OBSTACLE CROSSING	EOX-179A	HEDGEROW/MATURE TREES	SURFACE	EITHER OPTION AVAILABLE	YES	Page 35
ENVIRONMENTAL OBSTACLE CROSSING	EOX-180	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 35 & 36
ENVIRONMENTAL OBSTACLE CROSSING	EOX-181	HEDGEROW / TREES	SURFACE	TRENCHLESS CROSSING	NO	Page 35 & 36
ENVIRONMENTAL OBSTACLE CROSSING	EOX-182	HEDGEROW / TREES	SURFACE	TRENCHLESS CROSSING	NO	Page 35 & 36
ENVIRONMENTAL OBSTACLE CROSSING	EOX-182A	HEDGEROW / TREES	SURFACE	TRENCHLESS CROSSING	YES	Page 35 & 36
ENVIRONMENTAL OBSTACLE CROSSING	EOX-182B	HEDGEROW / TREES	SURFACE	TRENCHLESS CROSSING	YES	Page 35 & 36
ENVIRONMENTAL OBSTACLE CROSSING	EOX-183A	HEDGEROW (ALONG PROJECT BOUNDARY)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	NO	Page 35 & 36
ENVIRONMENTAL OBSTACLE CROSSING	EOX-183B	HEDGEROW (ALONG PROJECT BOUNDARY)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	NO	Page 36
ENVIRONMENTAL OBSTACLE CROSSING	EOX-184	HEDGEROW (ACCESS LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 36
ENVIRONMENTAL OBSTACLE CROSSING	EOX-185	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 36 & 37
ENVIRONMENTAL OBSTACLE CROSSING	EOX-185A	HEDGEROW (ALONG PROJECT BOUNDARY)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	NO	Page 36 & 37
ENVIRONMENTAL OBSTACLE CROSSING	EOX-190	HEDGEROW/MATURE TREES	SURFACE	EITHER OPTION AVAILABLE	YES	Page 36 & 37
ENVIRONMENTAL OBSTACLE CROSSING	EOX-191A	HEDGEROW (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 36 & 37
ENVIRONMENTAL OBSTACLE CROSSING	EOX-191B	HEDGEROW	SURFACE	EITHER OPTION AVAILABLE	YES	Page 37
ENVIRONMENTAL OBSTACLE CROSSING	EOX-193	HEDGEROW / TREES	SURFACE	EITHER OPTION AVAILABLE	YES	Page 37
OVERHEAD UTILITIES CROSSING	OUX-001	NORTHERN POWERGRID HIGH VOLTAGE 11KV OVERHEAD POWER LINE	OVERHEAD	TRENCHLESS CROSSING	NO	Page 4
OVERHEAD UTILITIES CROSSING	OUX-001A	NORTHERN POWERGRID HIGH VOLTAGE 11KV OVERHEAD POWER LINE (HAUL ROAD CROSSING)	OVERHEAD	OFF ROUTE HAUL ROAD CROSSING	YES	Page 4
OVERHEAD UTILITIES CROSSING	OUX-002	NORTHERN POWERGRID HIGH VOLTAGE 11KV LINE	OVERHEAD	TRENCHLESS CROSSING	NO	Page 4
OVERHEAD UTILITIES CROSSING	OUX-002A	NORTHERN POWERGRID HIGH VOLTAGE 11KV LINE (HAUL ROAD CROSSING)	OVERHEAD	OFF ROUTE HAUL ROAD CROSSING	YES	Page 4
OVERHEAD UTILITIES CROSSING	OUX-003	NORTHERN POWERGRID HIGH VOLTAGE 11KV OVERHEAD POWER LINE	OVERHEAD	EITHER OPTION AVAILABLE	YES	Page 6
OVERHEAD UTILITIES CROSSING	OUX-003A	NORTHERN POWERGRID HIGH VOLTAGE 11KV OVERHEAD POWER LINE (ROAD WIDENING)	OVERHEAD	OFF ROUTE HAUL ROAD CROSSING	YES	Page 7
OVERHEAD UTILITIES CROSSING	OUX-004	NORTHERN POWERGRID HIGH VOLTAGE 11KV OVERHEAD POWER LINE	OVERHEAD	EITHER OPTION AVAILABLE	YES	Page 7 & 8
OVERHEAD UTILITIES CROSSING	OUX-005	NORTHERN POWERGRID HIGH VOLTAGE 66KV OVERHEAD POWER LINE	OVERHEAD	EITHER OPTION AVAILABLE	YES	Page 10
OVERHEAD UTILITIES CROSSING	OUX-005A	BT OPENREACH TELECOM LINE (ROAD WIDENING)	OVERHEAD	OFF ROUTE HAUL ROAD CROSSING	YES	Page 11
OVERHEAD UTILITIES CROSSING	OUX-005B	NORTHERN POWERGRID HIGH VOLTAGE LOW VOLTAGE OVERHEAD POWER LINE (ROAD WIDENING)	OVERHEAD	OFF ROUTE HAUL ROAD CROSSING	YES	Page 11
OVERHEAD UTILITIES CROSSING	OUX-006	NORTHERN POWERGRID HIGH VOLTAGE 11KV OVERHEAD POWER LINE	OVERHEAD	EITHER OPTION AVAILABLE	YES	Page 11 & 12
OVERHEAD UTILITIES CROSSING	OUX-007	NORTHERN POWERGRID HIGH VOLTAGE 11KV OVERHEAD POWER LINE	OVERHEAD	EITHER OPTION AVAILABLE	YES	Page 14
OVERHEAD UTILITIES CROSSING	OUX-008	BT OPENREACH TELECOM LINE	OVERHEAD	TRENCHLESS CROSSING	NO	Page 14 & 15
OVERHEAD UTILITIES CROSSING	OUX-009	BT OPENREACH TELECOM LINE (ACCESS LOCATION)	OVERHEAD	OFF ROUTE HAUL ROAD CROSSING	YES	Page 14 & 15
OVERHEAD UTILITIES CROSSING	OUX-010	NORTHERN POWERGRID HIGH VOLTAGE 11KV OVERHEAD POWER LINE	OVERHEAD	EITHER OPTION AVAILABLE	YES	Page 15 & 16

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OVERHEAD UTILITIES CROSSING	OUX-011	NORTHERN POWERGRID HIGH VOLTAGE 11KV OVERHEAD POWER LINE	OVERHEAD	EITHER OPTION AVAILABLE	YES	Page 18
OVERHEAD UTILITIES CROSSING	OUX-012	NORTHERN POWERGRID HIGH VOLTAGE 11KV OVERHEAD POWER LINE	OVERHEAD	EITHER OPTION AVAILABLE	YES	Page 18
OVERHEAD UTILITIES CROSSING	OUX-013	NORTHERN POWERGRID HIGH VOLTAGE 11KV OVERHEAD POWER LINE	OVERHEAD	EITHER OPTION AVAILABLE	YES	Page 21
OVERHEAD UTILITIES CROSSING	OUX-014	NORTHERN POWERGRID HIGH VOLTAGE 11KV OVERHEAD POWER LINE	OVERHEAD	EITHER OPTION AVAILABLE	YES	Page 22
OVERHEAD UTILITIES CROSSING	OUX-015	NORTHERN POWERGRID HIGH VOLTAGE 11KV OVERHEAD POWER LINE (ACCESS LOCATION)	OVERHEAD	OFF ROUTE HAUL ROAD CROSSING	YES	Page 22
OVERHEAD UTILITIES CROSSING	OUX-016	NORTHERN POWERGRID HIGH VOLTAGE 132KV OVERHEAD POWER LINE	OVERHEAD	EITHER OPTION AVAILABLE	YES	Page 22
OVERHEAD UTILITIES CROSSING	OUX-017	NORTHERN POWERGRID HIGH VOLTAGE 11KV OVERHEAD POWER LINE	OVERHEAD	TRENCHLESS CROSSING	NO	Page 23 & 24
OVERHEAD UTILITIES CROSSING	OUX-018	NORTHERN POWERGRID HIGH VOLTAGE 11KV OVERHEAD POWER LINE (ACCESS LOCATION)	OVERHEAD	OFF ROUTE HAUL ROAD CROSSING	YES	Page 23 & 24
OVERHEAD UTILITIES CROSSING	OUX-018A	NORTHERN POWERGRID HIGH VOLTAGE 11KV OVERHEAD POWER LINE (ROAD WIDENING)	OVERHEAD	OFF ROUTE HAUL ROAD CROSSING	YES	Page 23 & 24
OVERHEAD UTILITIES CROSSING	OUX-019	NORTHERN POWERGRID HIGH VOLTAGE 11KV OVERHEAD POWER LINE	OVERHEAD	EITHER OPTION AVAILABLE	YES	Page 25
OVERHEAD UTILITIES CROSSING	OUX-020	NORTHERN POWERGRID HIGH VOLTAGE 66KV OVERHEAD POWER LINE	OVERHEAD	EITHER OPTION AVAILABLE	YES	Page 26
OVERHEAD UTILITIES CROSSING	OUX-021	NORTHERN POWERGRID HIGH VOLTAGE 11KV OVERHEAD POWER LINE	OVERHEAD	EITHER OPTION AVAILABLE	YES	Page 26
OVERHEAD UTILITIES CROSSING	OUX-022	NORTHERN POWERGRID HIGH VOLTAGE 11KV OVERHEAD POWER LINE	OVERHEAD	EITHER OPTION AVAILABLE	YES	Page 26
OVERHEAD UTILITIES CROSSING	OUX-024	NORTHERN POWERGRID HIGH VOLTAGE 11KV OVERHEAD POWER LINE (HAUL ROAD CROSSING)	OVERHEAD	OFF ROUTE HAUL ROAD CROSSING	YES	Page 26 & 27
OVERHEAD UTILITIES CROSSING	OUX-025	NORTHERN POWERGRID HIGH VOLTAGE 11KV OVERHEAD POWER LINE	OVERHEAD	EITHER OPTION AVAILABLE	YES	Page 28
OVERHEAD UTILITIES CROSSING	OUX-026	NORTHERN POWERGRID HIGH VOLTAGE 11KV OVERHEAD POWER LINE	SURFACE	TRENCHLESS CROSSING	NO	Page 28
OVERHEAD UTILITIES CROSSING	OUX-027	NORTHERN POWERGRID HIGH VOLTAGE 11KV OVERHEAD POWER LINE	SURFACE	EITHER OPTION AVAILABLE	YES	Page 29 & 30
OVERHEAD UTILITIES CROSSING	OUX-028	NORTHERN POWERGRID HIGH VOLTAGE 11KV OVERHEAD POWER LINE	SURFACE	EITHER OPTION AVAILABLE	YES	Page 31
OVERHEAD UTILITIES CROSSING	OUX-029	BT OPENREACH OVERHEAD TELECOM LINE	OVERHEAD	TRENCHLESS CROSSING	YES	Page 31 & 32
OVERHEAD UTILITIES CROSSING	OUX-030	NORTHERN POWERGRID HIGH VOLTAGE 11KV OVERHEAD POWER LINE	OVERHEAD	EITHER OPTION AVAILABLE	YES	Page 33 & 34
OVERHEAD UTILITIES CROSSING	OUX-031	NORTHERN POWERGRID HIGH VOLTAGE 11KV OVERHEAD POWER LINE	OVERHEAD	EITHER OPTION AVAILABLE	YES	Page 34
OVERHEAD UTILITIES CROSSING	OUX-032	NORTHERN POWERGRID HIGH VOLTAGE 11KV OVERHEAD POWER LINE	OVERHEAD	EITHER OPTION AVAILABLE	YES	Page 34
OVERHEAD UTILITIES CROSSING	OUX-033	NATIONAL GRID ELECTRICITY TRANSMISSION LINE - 400KV (PERMANENT ACCESS CROSSING)	OVERHEAD	OFF ROUTE HAUL ROAD CROSSING	YES	Page 34
OVERHEAD UTILITIES CROSSING	OUX-034	NATIONAL GRID ELECTRICITY TRANSMISSION LINE - 400KV	OVERHEAD	EITHER OPTION AVAILABLE	YES	Page 34
OVERHEAD UTILITIES CROSSING	OUX-035	NORTHERN POWERGRID HIGH VOLTAGE 33KV OVERHEAD POWER LINE (PERMANENT ACCESS CROSSING)	OVERHEAD	OFF ROUTE HAUL ROAD CROSSING	YES	Page 34 & 35
OVERHEAD UTILITIES CROSSING	OUX-036	NORTHERN POWERGRID HIGH VOLTAGE 33KV OVERHEAD POWER LINE	OVERHEAD	EITHER OPTION AVAILABLE	YES	Page 34 & 35
OVERHEAD UTILITIES CROSSING	OUX-043	NORTHERN POWERGRID HIGH VOLTAGE 33KV OVERHEAD POWER LINE (HAUL ROAD CROSSING)	OVERHEAD	OFF ROUTE HAUL ROAD CROSSING	YES	Page 34 & 35
OVERHEAD UTILITIES CROSSING	OUX-044	NORTHERN POWERGRID HIGH VOLTAGE 33KV OVERHEAD POWER LINE (HAUL ROAD CROSSING)	OVERHEAD	OFF ROUTE HAUL ROAD CROSSING	YES	Page 34 & 35
OVERHEAD UTILITIES CROSSING	OUX-045	NORTHERN POWERGRID LOW VOLTAGE OVERHEAD POWER LINE	OVERHEAD	TRENCHLESS CROSSING	NO	Page 35 & 36
OVERHEAD UTILITIES CROSSING	OUX-046	NORTHERN POWERGRID HIGH VOLTAGE 11KV OVERHEAD POWER LINE	OVERHEAD	EITHER OPTION AVAILABLE	YES	Page 36
OVERHEAD UTILITIES CROSSING	OUX-048	NORTHERN POWERGRID HIGH VOLTAGE 11KV OVERHEAD POWER LINE (HAUL ROAD CROSSING)	OVERHEAD	OFF ROUTE HAUL ROAD CROSSING	YES	Page 36
OVERHEAD UTILITIES CROSSING	OUX-049	NATIONAL GRID ELECTRICITY TRANSMISSION LINE - 400KV	OVERHEAD	EITHER OPTION AVAILABLE	YES	Page 36 & 37
OVERHEAD UTILITIES CROSSING	OUX-050	NORTHERN POWER GRID 33KV ELECTRICITY LINE	OVERHEAD	EITHER OPTION AVAILABLE	YES	Page 36 & 37
OVERHEAD UTILITIES CROSSING	OUX-051	NORTHERN POWER GRID 33KV ELECTRICITY LINE (HAUL ROAD CROSSING)	OVERHEAD	OFF ROUTE HAUL ROAD CROSSING	YES	Page 36 & 37
OVERHEAD UTILITIES CROSSING	OUX-053A	NATIONAL GRID ELECTRICITY TRANSMISSION LINE - 400KV	OVERHEAD	EITHER OPTION AVAILABLE	YES	Page 37
OVERHEAD UTILITIES CROSSING	OUX-053B	NORTHERN POWER GRID 33KV ELECTRICITY LINE	OVERHEAD	EITHER OPTION AVAILABLE	YES	Page 36 & 37
OVERHEAD UTILITIES CROSSING	OUX-053	NATIONAL GRID ELECTRICITY TRANSMISSION LINE - 400KV	OVERHEAD	EITHER OPTION AVAILABLE	YES	Page 37
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-001A	TRACK - NORTH TURNPIKE (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 1
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-001D	PROW FOOTPATH - ULROME FOOTPATH NO. 6	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 1
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-001B	PATH (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 1
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-001C	PROPOSED KING CHARLES III ENGLAND COAST PATH	SURFACE	TRENCHLESS CROSSING	YES	Page 3 & 4
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-001	PROW FOOTPATH - SKIPSEA FOOTPATH NO. 6	SURFACE	EITHER OPTION AVAILABLE	YES	Page 4 & 5
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-002	OS MARKED PATH	SURFACE	EITHER OPTION AVAILABLE	YES	Page 8
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-002B	HOLDERNESS CYCLE ROUTE - CYCLE ROUTE 1 (ROAD WIDENING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 11
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-002A	TRACK (TCC LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 11

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FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-003	PROW FOOTPATH - SEATON FOOTPATH NO. 10	SURFACE	EITHER OPTION AVAILABLE	YES	Page 13 & 14
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-004	TRACK	SURFACE	TRENCHLESS CROSSING	NO	Page 14 & 15
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-006	PROW FOOTPATH - CATWICK FOOTPATH NO. 8	SURFACE	EITHER OPTION AVAILABLE	YES	Page 15
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-006A	PROPOSED BRIDLEWAY IN THE PARISHES OF CATWICK AND LEVEN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 17
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-007	PROW FOOTPATH - RISTON FOOTPATH NO. 2	SURFACE	TRENCHLESS CROSSING	YES	Page 18 & 19 & 20
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-008	FARM TRACK	SURFACE	EITHER OPTION AVAILABLE	YES	Page 19
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-008A	TRACK TO WIND TURBINE (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 20
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-008B	TRACK (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 19 & 20
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-008C	NATIONAL CYCLE NETWORK ROUTE NUMBER 164. ALSO IDENTIFIED AS BEVERLEY CYCLE ROUTE 6 AND 7	SURFACE	TRENCHLESS CROSSING	NO	Page 22
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-008D	NATIONAL CYCLE NETWORK ROUTE NUMBER 164. ALSO IDENTIFIED AS BEVERLEY CYCLE ROUTE 6 AND 7 (ACCESS LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 22
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-008E	TRACK	SURFACE	OFF ROUTE HAUL ROAD CROSSING	NO	Page 22
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-010	PROW FOOTPATH - TICKTON FOOTPATH NO. 1	SURFACE	TRENCHLESS CROSSING	NO	Page 25
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-011	PROW FOOTPATH - LECONFIELD FOOTPATH NO 33.	SURFACE	TRENCHLESS CROSSING	NO	Page 25
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-012	PROW BRIDLEWAY - LECONFIELD BRIDLEWAY NO. 27	SURFACE	TRENCHLESS CROSSING	NO	Page 25
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-014	TRACK (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 27
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-014A	TRACK / EXISTING BRIDGE OVER WATERCOURSE (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 27
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-013	TRACK (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 26 & 27
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-018	PROW FOOTPATH / TRACK - MOLESCROFT FOOTPATH NO. 3	SURFACE	EITHER OPTION AVAILABLE	YES	Page 28
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-018A	TRACK	SURFACE	TRENCHLESS CROSSING	YES	Page 28 & 29
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-019	PROW FOOTPATH ALONG HISTORIC RAILWAY LINE ON EMBANKMENT - MOLESCROFT FOOTPATH NO. 6 / WILBERFORCE WAY (DISUSED RAILWAY LINE)	SURFACE	TRENCHLESS CROSSING	NO	Page 28 & 29
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-019C	NATIONAL CYCLE NETWORK ROUTE NUMBER 66. ALSO IDENTIFIED AS BEVERLEY CYCLE ROUTE 1	SURFACE	TRENCHLESS CROSSING	NO	Page 29 & 30
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-019D	NATIONAL CYCLE NETWORK ROUTE NUMBER 66. ALSO IDENTIFIED AS BEVERLEY CYCLE ROUTE 1 (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 30
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-019A	TRACK	SURFACE	EITHER OPTION AVAILABLE	YES	Page 31
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-019B	TRACK	SURFACE	TRENCHLESS CROSSING	YES	Page 31 & 32
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-020	PROW - TRACK - WALKINGTON FOOTPATH NO. 6 AND BEVERLEY TWENTY FOOTPATH	SURFACE	EITHER OPTION AVAILABLE	YES	Page 32 & 33
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-020A	NATIONAL CYCLE NETWORK ROUTE NUMBER 164. ALSO NOTED AS BEVERLEY CYCLE ROUTE 2 (LONG AND SHORT)	SURFACE	TRENCHLESS CROSSING	YES	Page 33
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-027	PROW - TRACK - WALKINGTON FOOTPATH NO. 4	SURFACE	EITHER OPTION AVAILABLE	YES	Page 34 & 35

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FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-028	PROW - TRACK - WALKINGTON FOOTPATH NO. 4 (PERMANENT ACCESS CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 34 & 35
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-028A	PROW - TRACK - WALKINGTON FOOTPATH NO. 9 / BEVERLEY TWENTY FOOTPATH / EAST RIDING HERITAGE WAY.	SURFACE	OFF ROUTE HAUL ROAD CROSSING	NO	Page 34 & 35
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-028B	PATH (PERMANENT ACCESS CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 34 & 35
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-028C	PATH	SURFACE	EITHER OPTION AVAILABLE	YES	Page 34 & 35
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-024	TRACK	SURFACE	TRENCHLESS CROSSING	YES	Page 35 & 36
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-025	PROW TRACK - ROWLEY BRIDLEWAY NO. 13 / BEVERLEY TWENTY FOOTPATH / EAST RIDING HERITAGE WAY	SURFACE	EITHER OPTION AVAILABLE	YES	Page 36
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-029	PROW TRACK - ROWLEY BRIDLEWAY NO. 13 (ACCESS LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 36 & 37
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-030	PROW - PATH - WOODMANSEY BRIDLEWAY NO. 30. / BEVERLY TWENTY FOOTPATH / EAST RIDING HERITAGE WAY	SURFACE	EITHER OPTION AVAILABLE	NO	Page 37
FOOTPATH, BRIDLEWAY OR OTHER TRACK CROSSING	PAT-026	TRACK - ACCESS FOR DOGGER BANK A&B CABLE ROUTE	SURFACE	EITHER OPTION AVAILABLE	YES	Page 37
ROAD CROSSING	RX-001	CLIFF ROAD	SURFACE	TRENCHLESS CROSSING	NO	Page 4
ROAD CROSSING	RX-001A	CLIFF ROAD (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 4
ROAD CROSSING	RX-002	B1242 HORNSEA ROAD	SURFACE	TRENCHLESS CROSSING	NO	Page 4
ROAD CROSSING	RX-002A	B1242 HORNSEA ROAD (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 4
ROAD CROSSING	RX-003	BEWHOLME LANE. ALSO IDENTIFIED AS HOLDERNESS CYCLE ROUTE 1 AND 2	SURFACE	EITHER OPTION AVAILABLE	YES	Page 5
ROAD CROSSING	RX-004	DUNNINGTON LANE. ALSO IDENTIFIED AS HOLDERNESS CYCLE ROUTE 1 AND 2	SURFACE	EITHER OPTION AVAILABLE	YES	Page 6
ROAD CROSSING	RX-005	DUNNINGTON LANE	SURFACE	TRENCHLESS CROSSING	NO	Page 7
ROAD CROSSING	RX-005A	DUNNINGTON LANE (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 7
ROAD CROSSING	RX-006	DUNNINGTON LANE (ACCESS LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 7
ROAD CROSSING	RX-006A	DUNNINGTON LANE (ROAD WIDENING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 7
ROAD CROSSING	RX-006B	A165 - BEVERLEY ROAD (ROAD WIDENING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 7
ROAD CROSSING	RX-008	BILLINGS LANE. ALSO IDENTIFIED AS HOLDERNESS CYCLE ROUTE 1 AND 2	SURFACE	TRENCHLESS CROSSING	YES	Page 10 & 11
ROAD CROSSING	RX-009A	CATFOSS ROAD (ROAD WIDENING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 11
ROAD CROSSING	RX-009	CATFOSS ROAD	SURFACE	EITHER OPTION AVAILABLE	NO	Page 11
ROAD CROSSING	RX-010	CATFOSS ROAD (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 11
ROAD CROSSING	RX-011	HARSELL LANE. ALSO IDENTIFIED AS HOLDERNESS CYCLE ROUTE 1	SURFACE	EITHER OPTION AVAILABLE	YES	Page 12
ROAD CROSSING	RX-012	CATWICK HEADS. ALSO IDENTIFIED AS HOLDERNESS CYCLE ROUTE 2 (ACCESS LOCATION).	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 14
ROAD CROSSING	RX-012A	CATWICK HEADS. ALSO IDENTIFIED AS HOLDERNESS CYCLE ROUTE 2 (ROAD WIDENING).	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 14
ROAD CROSSING	RX-012B	A1035 - WEST ROAD (ROAD WIDENING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 14 & 15
ROAD CROSSING	RX-013	A1035 WEST ROAD	SURFACE	TRENCHLESS CROSSING	NO	Page 14 & 15
ROAD CROSSING	RX-014	A1035 WEST ROAD (ACCESS LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 14 & 15
ROAD CROSSING	RX-015	CATWICK HEADS. ALSO IDENTIFIED AS HOLDERNESS CYCLE ROUTE 2	SURFACE	EITHER OPTION AVAILABLE	NO	Page 15
ROAD CROSSING	RX-015A	CATWICK HEADS. ALSO IDENTIFIED AS HOLDERNESS CYCLE ROUTE 2 (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 15
ROAD CROSSING	RX-016	RISE LANE	SURFACE	EITHER OPTION AVAILABLE	YES	Page 15 & 16
ROAD CROSSING	RX-017	RISTON ROAD	SURFACE	EITHER OPTION AVAILABLE	YES	Page 16 & 17
ROAD CROSSING	RX-018	A165 WHITECROSS ROAD	SURFACE	TRENCHLESS CROSSING	NO	Page 18
ROAD CROSSING	RX-019	A165 WHITECROSS ROAD (ACCESS LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 18
ROAD CROSSING	RX-019A	A165 WHITECROSS ROAD (ACCESS LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 18
ROAD CROSSING	RX-20A	A1035 HORNSEA ROAD (ACCESS LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 20
ROAD CROSSING	RX-020	MEAUX LANE. ALSO IDENTIFIED AS BEVERLEY CYCLE ROUTE 7	SURFACE	TRENCHLESS CROSSING	YES	Page 21
ROAD CROSSING	RX-021	A1035 HORNSEA ROAD	SURFACE	TRENCHLESS CROSSING	NO	Page 22
ROAD CROSSING	RX-022	A1035 HORNSEA ROAD (ACCESS LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 22
ROAD CROSSING	RX-024	ESKE LANE	SURFACE	TRENCHLESS CROSSING	NO	Page 23 & 24
ROAD CROSSING	RX-025	ESKE LANE (ACCESS LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 23 & 24
ROAD CROSSING	RX-024A	ESKE LANE (ROAD WIDENING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 23 & 24
ROAD CROSSING	RX-024B	A1035 (ROAD WIDENING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 24

OBSTACLE TYPE	OBSTACLE ID	OBSTACLE DETAILS	OVERHEAD / SURFACE / BURIED	TRENCHING OR TRENCHLESS	HAUL ROAD CROSSING REQUIRED	PAGE NUMBER OF ES CHAPTER 5 APPENDIX 5-2 OBSTACLE CROSSINGS DRAWING
ROAD CROSSING	RX-026	A1035 HULL BRIDGE ROAD (HAUL ROAD ACCESS)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 27
ROAD CROSSING	PRX-007	INGS ROAD - POTENTIAL PRIVATE ROAD (ACCESS LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 28
ROAD CROSSING	RX-026A	A164 - GRANGE WAY (ROAD WIDENING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 28
ROAD CROSSING	RX-027	A164 DRIFFIELD ROAD	SURFACE	TRENCHLESS CROSSING	YES	Page 29
ROAD CROSSING	RX-028	A1035 CONSTITUTION HILL	SURFACE	TRENCHLESS CROSSING	NO	Page 29 & 30
ROAD CROSSING	RX-029	A1035 CONSTITUTION HILL (ACCESS LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 30
ROAD CROSSING	RX-030	A1174 YORK ROAD	SURFACE	TRENCHLESS CROSSING	YES	Page 31 & 32
ROAD CROSSING	RX-031	NEWBALD ROAD. ALSO NOTED AS BEVERLEY CYCLE ROUTE 2 (LONG AND SHORT)	SURFACE	TRENCHLESS CROSSING	NO	Page 32 & 33
ROAD CROSSING	RX-032	B1230 BROADGATE (ACCESS LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 33
ROAD CROSSING	RX-033	B1230 BROADGATE	SURFACE	TRENCHLESS CROSSING	YES	Page 33
ROAD CROSSING	RX-034	A1079	SURFACE	TRENCHLESS CROSSING	NO	Page 34
ROAD CROSSING	RX-035	A1079 (PERMANENT ACCESS)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 34
ROAD CROSSING	RX-040	PROPOSED ROAD A PART OF JOCKS LODGE UPGRADE WORKS	SURFACE	TRENCHLESS CROSSING	NO	Page 35 & 36
ROAD CROSSING	RX-041	PROPOSED ROAD A PART OF JOCKS LODGE UPGRADE WORKS	SURFACE	TRENCHLESS CROSSING	NO	Page 35
ROAD CROSSING	RX-042	PROPOSED ROAD A PART OF JOCKS LODGE UPGRADE WORKS	SURFACE	TRENCHLESS CROSSING	NO	Page 36
ROAD CROSSING	RX-043	A164 BEVERLEY ROAD	SURFACE	TRENCHLESS CROSSING	NO	Page 35
ROAD CROSSING	RX-045	PROPOSED ROAD A PART OF JOCKS LODGE UPGRADE WORKS	SURFACE	EITHER OPTION AVAILABLE	YES	Page 36
ROAD CROSSING	RX-046	JOCKS LODGE ROAD UPGRADE (ACCESS LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 35 & 36
ROAD CROSSING	RX-046A	EXISTING LOCAL ACCESS ROAD - ALSO PROW - ROWLEY BRIDLEWAY NO. 13 (ACCESS LOCATION) / BEVERLEY TWENTY FOOTPATH / EAST RIDING HERITAGE WAY	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 35 & 36
ROAD CROSSING	RX-047	A1079 (HAUL ROAD ACCESS)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 36
PRIVATE ROAD CROSSING	PRX-001A	PRIVATE ROAD	SURFACE	EITHER OPTION AVAILABLE	YES	Page 10 & 11
PRIVATE ROAD CROSSING	PRX-001	PRIVATE ROAD - ACCESS TO CATFOSS HALL	SURFACE	EITHER OPTION AVAILABLE	YES	Page 14
PRIVATE ROAD CROSSING	PRX-002	PRIVATE ROAD - ACCESS TO FIELD HOUSE	SURFACE	EITHER OPTION AVAILABLE	YES	Page 16
PRIVATE ROAD CROSSING	PRX-003	PRIVATE ROAD TO POULTRY SHEDS	SURFACE	TRENCHLESS CROSSING	NO	Page 21
PRIVATE ROAD CROSSING	PRX-004	PRIVATE ROAD- ACCESS THE FIELD HOUSE FARM (ACCESS LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 22
PRIVATE ROAD CROSSING	PRX-005	PRIVATE ROAD- ACCESS TO HALL FARM (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 22
PRIVATE ROAD CROSSING	PRX-005A	PRIVATE ROAD	SURFACE	EITHER OPTION AVAILABLE	YES	Page 22
PRIVATE ROAD CROSSING	PRX-008A	PRIVATE ROAD. ALSO PROW MOLESCROFT FOOTPATH NO. 5 AND MINSTER WAY FOOTPATH (EAST RIDING HERITAGE WAY)	SURFACE	EITHER OPTION AVAILABLE	YES	Page 28
PRIVATE ROAD CROSSING	PRX-007A	INGS ROAD - POTENTIAL PRIVATE ROAD (ROAD WIDENING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 28
PRIVATE ROAD CROSSING	PRX-008	PRIVATE ROAD - ACCESS TO YORKSHIRE WATER COVERED RESERVOIRS	SURFACE	TRENCHLESS CROSSING	YES	Page 33
PRIVATE ROAD CROSSING	PRX-010	PROPOSED PERMANENT SUBSTATION ACCESS FOR HORNSEA PROJECT 4	SURFACE	EITHER OPTION AVAILABLE	YES	Page 36 & 37
PRIVATE ROAD CROSSING	PRX-011	PRIVATE ROAD - PARK LANE - ACCESS TO POPLAR FARM. ALSO PROW - WOODMANSEY BRIDLEWAY NO. 6. ALSO NOTED AS BEVERLEY CYCLE ROUTE 4.	SURFACE	EITHER OPTION AVAILABLE	YES	Page 36 & 37
PRIVATE ROAD CROSSING	PRX-011A	PRIVATE ROAD - PARK LANE - ACCESS TO POPLAR FARM. ALSO PROW - WOODMANSEY BRIDLEWAY NO. 6. ALSO NOTED AS BEVERLEY CYCLE ROUTE 4. (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 36 & 37
PRIVATE ROAD CROSSING	PRX-011B	PRIVATE ROAD - PARK LANE - ACCESS TO POPLAR FARM. ALSO PROW - WOODMANSEY BRIDLEWAY NO. 6. ALSO NOTED AS BEVERLEY CYCLE ROUTE 4.	SURFACE	EITHER OPTION AVAILABLE	YES	Page 37
PRIVATE ROAD CROSSING	PRX-010A	PROPOSED PERMANENT SUBSTATION ACCESS FOR HORNSEA PROJECT 4	SURFACE	EITHER OPTION AVAILABLE	NO	Page 36 & 37
PRIVATE ROAD CROSSING	PRX-012	PRIVATE ROAD - PARK LANE - ACCESS TO POPLAR FARM. ALSO PROW - WOODMANSEY BRIDLEWAY NO. 6. ALSO NOTED AS BEVERLEY CYCLE ROUTE 4.	SURFACE	EITHER OPTION AVAILABLE	YES	Page 37
UNDER TRACK CROSSING	UTX-001	NETWORK RAIL RAILWAY	SURFACE	TRENCHLESS CROSSING	NO	Page 26 & 28
UNDERGROUND UTILITIES CROSSING	UUX-001	PROPOSED - BT OPENREACH UNDERGROUND TELECOM UTILITY	BURIED	TRENCHLESS CROSSING	NO	Page 4
UNDERGROUND UTILITIES CROSSING	UUX-002	BT OPENREACH UNDERGROUND TELECOM UTILITY	BURIED	TRENCHLESS CROSSING	NO	Page 4
UNDERGROUND UTILITIES CROSSING	UUX-003	YORKSHIRE WATER- WATER MAIN	BURIED	TRENCHLESS CROSSING	NO	Page 4
UNDERGROUND UTILITIES CROSSING	UUX-001A	PROPOSED - BT OPENREACH UNDERGROUND TELECOM UTILITY (HAUL ROAD CROSSING)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 4
UNDERGROUND UTILITIES CROSSING	UUX-002A	BT OPENREACH UNDERGROUND TELECOM UTILITY (HAUL ROAD CROSSING)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 4
UNDERGROUND UTILITIES CROSSING	UUX-003A	YORKSHIRE WATER- WATER MAIN (HAUL ROAD CROSSING)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 4
UNDERGROUND UTILITIES CROSSING	UUX-005	BT OPENREACH UNDERGROUND TELECOM UTILITY DUCT	BURIED	TRENCHLESS CROSSING	NO	Page 4
UNDERGROUND UTILITIES CROSSING	UUX-006	YORKSHIRE WATER- WATER MAIN	BURIED	TRENCHLESS CROSSING	NO	Page 4
UNDERGROUND UTILITIES CROSSING	UUX-007	NORTHERN POWERGRID LINE - LEFT IN SITU	BURIED	TRENCHLESS CROSSING	NO	Page 4
UNDERGROUND UTILITIES CROSSING	UUX-008	BT OPENREACH UNDERGROUND TELECOM UTILITY - NOT SPECIFIED	BURIED	TRENCHLESS CROSSING	NO	Page 4
UNDERGROUND UTILITIES CROSSING	UUX-005A	BT OPENREACH UNDERGROUND TELECOM UTILITY DUCT (HAUL ROAD CROSSING)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 4

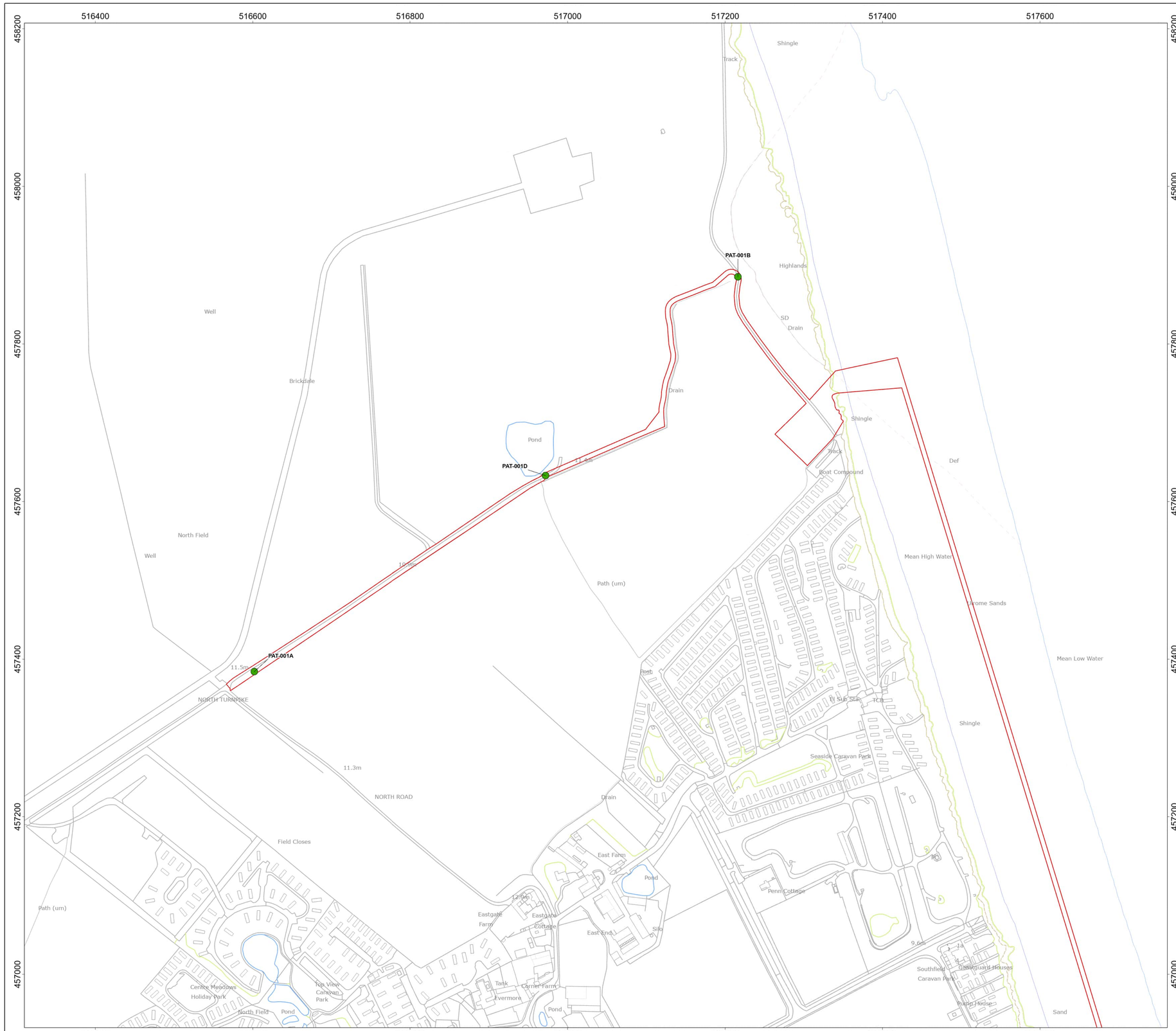
OBSTACLE TYPE	OBSTACLE ID	OBSTACLE DETAILS	OVERHEAD / SURFACE / BURIED	TRENCHING OR TRENCHLESS	HAUL ROAD CROSSING REQUIRED	PAGE NUMBER OF ES CHAPTER 5 APPENDIX 5-2 OBSTACLE CROSSINGS DRAWING
UNDERGROUND UTILITIES CROSSING	UUX-006A	YORKSHIRE WATER- WATER MAIN (HAUL ROAD CROSSING)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 4
UNDERGROUND UTILITIES CROSSING	UUX-007A	NORTHERN POWERGRID LINE - LEFT IN SITU (HAUL ROAD CROSSING)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 4
UNDERGROUND UTILITIES CROSSING	UUX-008A	BT OPENREACH UNDERGROUND TELECOM UTILITY - NOT SPECIFIED (HAUL ROAD CROSSING)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 4
UNDERGROUND UTILITIES CROSSING	UUX-009	BT OPENREACH TELECOM UTILITY	BURIED	EITHER OPTION AVAILABLE	YES	Page 5
UNDERGROUND UTILITIES CROSSING	UUX-010	BT OPENREACH TELECOM DUCT	BURIED	EITHER OPTION AVAILABLE	YES	Page 5
UNDERGROUND UTILITIES CROSSING	UUX-011	YORKSHIRE WATER- WATER MAIN	BURIED	EITHER OPTION AVAILABLE	YES	Page 6
UNDERGROUND UTILITIES CROSSING	UUX-012	BT OPENREACH TELECOM UTILITY	BURIED	EITHER OPTION AVAILABLE	YES	Page 6
UNDERGROUND UTILITIES CROSSING	UUX-013	NATIONAL GRID HIGH PRESSURE GAS MAIN	BURIED	EITHER OPTION AVAILABLE	YES	Page 6 & 7
UNDERGROUND UTILITIES CROSSING	UUX-013A	ONSHORE EXPORT CABLES OF DOGGER BANK A & B OFFSHORE WIND FARMS (ROAD WIDENING)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 7
UNDERGROUND UTILITIES CROSSING	UUX-014	YORKSHIRE WATER, WATER MAIN	BURIED	EITHER OPTION AVAILABLE	YES	Page 10 & 11
UNDERGROUND UTILITIES CROSSING	UUX-015	BT OPENREACH TELECOM LINE	BURIED	EITHER OPTION AVAILABLE	YES	Page 10 & 11
UNDERGROUND UTILITIES CROSSING	UUX-016	BT OPENREACH TELECOM LINE	BURIED	EITHER OPTION AVAILABLE	YES	Page 10 & 11
UNDERGROUND UTILITIES CROSSING	UUX-017	YORKSHIRE WATER, WATER MAIN	BURIED	TRENCHLESS CROSSING	YES	Page 10 & 11
UNDERGROUND UTILITIES CROSSING	UUX-020A	BT OPENREACH TELECOM LINE (ROAD WIDENING)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 11
UNDERGROUND UTILITIES CROSSING	UUX-020C	NORTHERN POWER GIRD LOW VOLTAGE ELECTRICITY LINE (ROAD WIDENING)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 11
UNDERGROUND UTILITIES CROSSING	UUX-020B	NORTHERN POWER GIRD LOW VOLTAGE ELECTRICITY LINE (ROAD WIDENING)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 11
UNDERGROUND UTILITIES CROSSING	UUX-018	BT OPENREACH TELECOM LINE	BURIED	EITHER OPTION AVAILABLE	NO	Page 11
UNDERGROUND UTILITIES CROSSING	UUX-019	YORKSHIRE WATER, WATER MAIN	BURIED	EITHER OPTION AVAILABLE	NO	Page 11
UNDERGROUND UTILITIES CROSSING	UUX-020	YORKSHIRE WATER, WATER MAIN	BURIED	EITHER OPTION AVAILABLE	NO	Page 11
UNDERGROUND UTILITIES CROSSING	UUX-021	BT OPENREACH TELECOM LINE (HAUL ROAD CROSSING)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 11
UNDERGROUND UTILITIES CROSSING	UUX-022	YORKSHIRE WATER, WATER MAIN (HAUL ROAD CROSSING)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 11
UNDERGROUND UTILITIES CROSSING	UUX-023	YORKSHIRE WATER, WATER MAIN (HAUL ROAD CROSSING)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 11
UNDERGROUND UTILITIES CROSSING	UUX-024	BT OPENREACH TELECOM LINE	BURIED	EITHER OPTION AVAILABLE	YES	Page 14
UNDERGROUND UTILITIES CROSSING	UUX-025	BT OPENREACH TELECOM LINE	BURIED	EITHER OPTION AVAILABLE	YES	Page 14
UNDERGROUND UTILITIES CROSSING	UUX-025A	BT OPENREACH TELECOM LINE (ROAD WIDENING)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 14
UNDERGROUND UTILITIES CROSSING	UUX-025C	YORKSHIRE WATER MAIN (ROAD WIDENING)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 14
UNDERGROUND UTILITIES CROSSING	UUX-025B	BT OPENREACH TELECOM LINE (ROAD WIDENING)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 14 & 15
UNDERGROUND UTILITIES CROSSING	UUX-025D	YORKSHIRE WATER SEWER (ROAD WIDENING)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 14 & 15
UNDERGROUND UTILITIES CROSSING	UUX-026	BT OPENREACH TELECOM LINE	BURIED	TRENCHLESS CROSSING	NO	Page 14 & 15
UNDERGROUND UTILITIES CROSSING	UUX-027	YORKSHIRE WATER SEWERAGE RISING MAIN	BURIED	TRENCHLESS CROSSING	NO	Page 14 & 15
UNDERGROUND UTILITIES CROSSING	UUX-028	NORTHERN POWER GIRD 11KV ELECTRICITY LINE	BURIED	TRENCHLESS CROSSING	NO	Page 14 & 15
UNDERGROUND UTILITIES CROSSING	UUX-029	NORTHERN POWER GIRD 33KV ELECTRICITY LINE	BURIED	TRENCHLESS CROSSING	NO	Page 14 & 15
UNDERGROUND UTILITIES CROSSING	UUX-030	YORKSHIRE WATER, WATER MAIN	BURIED	TRENCHLESS CROSSING	NO	Page 14 & 15
UNDERGROUND UTILITIES CROSSING	UUX-031	NORTHERN GAS NETWORKS HIGH PRESSURE GAS MAIN	BURIED	TRENCHLESS CROSSING	NO	Page 14 & 15
UNDERGROUND UTILITIES CROSSING	UUX-032	NORTHERN POWER GIRD 11KV ELECTRICITY LINE (ACCESS LOCATION)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 14 & 15
UNDERGROUND UTILITIES CROSSING	UUX-033	NORTHERN POWER GIRD 33KV ELECTRICITY LINE (ACCESS LOCATION)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 14 & 15
UNDERGROUND UTILITIES CROSSING	UUX-034	YORKSHIRE WATER, WATER MAIN (ACCESS LOCATION)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 14 & 15
UNDERGROUND UTILITIES CROSSING	UUX-035	NORTHERN GAS NETWORKS HIGH PRESSURE GAS MAIN (ACCESS LOCATION)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 14 & 15
UNDERGROUND UTILITIES CROSSING	UUX-036	BT OPENREACH TELECOM LINE	BURIED	EITHER OPTION AVAILABLE	NO	Page 15
UNDERGROUND UTILITIES CROSSING	UUX-037	BT OPENREACH TELECOM LINE	BURIED	EITHER OPTION AVAILABLE	NO	Page 15
UNDERGROUND UTILITIES CROSSING	UUX-036A	BT OPENREACH TELECOM LINE (HAUL ROAD CROSSING)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 15
UNDERGROUND UTILITIES CROSSING	UUX-037A	BT OPENREACH TELECOM LINE (HAUL ROAD CROSSING)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 15
UNDERGROUND UTILITIES CROSSING	UUX-038	BT OPENREACH TELECOM LINE	BURIED	EITHER OPTION AVAILABLE	YES	Page 16
UNDERGROUND UTILITIES CROSSING	UUX-039	YORKSHIRE WATER, WATER MAIN	BURIED	TRENCHLESS CROSSING	NO	Page 18
UNDERGROUND UTILITIES CROSSING	UUX-040	YORKSHIRE WATER, WATER MAIN	BURIED	TRENCHLESS CROSSING	NO	Page 18
UNDERGROUND UTILITIES CROSSING	UUX-041	BT OPENREACH TELECOM LINE	BURIED	TRENCHLESS CROSSING	NO	Page 18
UNDERGROUND UTILITIES CROSSING	UUX-041A	KCOM GROUP TELECOM DUCT	BURIED	TRENCHLESS CROSSING	NO	Page 18
UNDERGROUND UTILITIES CROSSING	UUX-042	YORKSHIRE WATER, WATER MAIN (ACCESS LOCATION)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 18
UNDERGROUND UTILITIES CROSSING	UUX-043	YORKSHIRE WATER, WATER MAIN (ACCESS LOCATION)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 18
UNDERGROUND UTILITIES CROSSING	UUX-044	BT OPENREACH TELECOM LINE (ACCESS LOCATION)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 18
UNDERGROUND UTILITIES CROSSING	UUX-044A	KCOM GROUP TELECOM DUCT	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 18
UNDERGROUND UTILITIES CROSSING	UUX-045	NORTHERN GAS NETWORKS HIGH PRESSURE GAS MAIN	BURIED	TRENCHLESS CROSSING	YES	Page 19 & 20
UNDERGROUND UTILITIES CROSSING	UUX-46A	KCOM GROUP TELECOM DUCT (ACCESS LOCATION)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 20
UNDERGROUND UTILITIES CROSSING	UUX-46B	YORKSHIRE WATER- WATER MAIN (ACCESS LOCATION)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 20

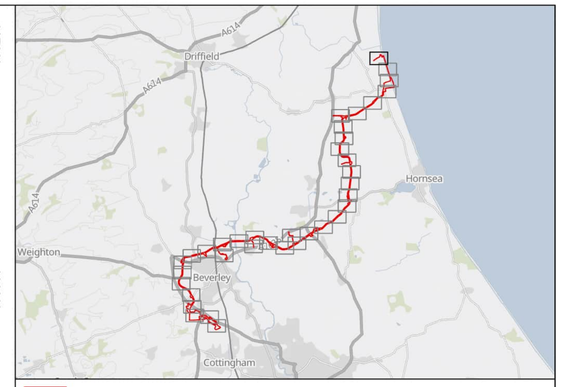
OBSTACLE TYPE	OBSTACLE ID	OBSTACLE DETAILS	OVERHEAD / SURFACE / BURIED	TRENCHING OR TRENCHLESS	HAUL ROAD CROSSING REQUIRED	PAGE NUMBER OF ES CHAPTER 5 APPENDIX 5-2 OBSTACLE CROSSINGS DRAWING
UNDERGROUND UTILITIES CROSSING	UUX-46C	NORTHERN POWERGRID HIGH VOLTAGE 33KV UNDERGROUND POWER LINE (ACCESS LOCATION)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 20
UNDERGROUND UTILITIES CROSSING	UUX-046	BT OPENREACH TELECOM LINE	BURIED	TRENCHLESS CROSSING	YES	Page 21
UNDERGROUND UTILITIES CROSSING	UUX-047	BT OPENREACH TELECOM DUCT	BURIED	TRENCHLESS CROSSING	NO	Page 22
UNDERGROUND UTILITIES CROSSING	UUX-048	BT OPENREACH TELECOM LINE	BURIED	TRENCHLESS CROSSING	NO	Page 22
UNDERGROUND UTILITIES CROSSING	UUX-049	BT OPENREACH TELECOM LINE	BURIED	TRENCHLESS CROSSING	NO	Page 22
UNDERGROUND UTILITIES CROSSING	UUX-050	YORKSHIRE WATER, WATER MAIN	BURIED	TRENCHLESS CROSSING	NO	Page 22
UNDERGROUND UTILITIES CROSSING	UUX-051	KCOM GROUP TELECOM DUCT	BURIED	TRENCHLESS CROSSING	NO	Page 22
UNDERGROUND UTILITIES CROSSING	UUX-052	YORKSHIRE WATER, WATER MAIN (ACCESS LOCATION)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 22
UNDERGROUND UTILITIES CROSSING	UUX-053	BT OPENREACH TELECOM LINE (ACCESS LOCATION)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 22
UNDERGROUND UTILITIES CROSSING	UUX-054	KCOM GROUP TELECOM DUCT (ACCESS LOCATION)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 22
UNDERGROUND UTILITIES CROSSING	UUX-055	BT OPENREACH TELECOM LINE (ACCESS LOCATION)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 22
UNDERGROUND UTILITIES CROSSING	UUX-056	BT OPENREACH TELECOM DUCT (ACCESS LOCATION)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 22
UNDERGROUND UTILITIES CROSSING	UUX-056A	KCOM GROUP DUCT	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 22
UNDERGROUND UTILITIES CROSSING	UUX-056B	NORTHERN POWER GRID LOW VOLTAGE LINE	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 22
UNDERGROUND UTILITIES CROSSING	UUX-056C	NORTHERN POWER GRID LOW VOLTAGE LINE	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 22
UNDERGROUND UTILITIES CROSSING	UUX-056D	NORTHERN POWER GRID LOW VOLTAGE LINE	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 22
UNDERGROUND UTILITIES CROSSING	UUX-056E	NORTHERN POWER GRID 11KV LINE	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 22
UNDERGROUND UTILITIES CROSSING	UUX-57A	UNDERGROUND CABLE	BURIED	EITHER OPTION AVAILABLE	YES	Page 22
UNDERGROUND UTILITIES CROSSING	UUX-57B	UNDERGROUND CABLE	BURIED	EITHER OPTION AVAILABLE	YES	Page 22
UNDERGROUND UTILITIES CROSSING	UUX-057	ONSHORE EXPORT CABLES OF DOGGER BANK A & B OFFSHORE WIND FARMS	BURIED	EITHER OPTION AVAILABLE	YES	Page 22
UNDERGROUND UTILITIES CROSSING	UUX-57C	UNDERGROUND CABLE	BURIED	EITHER OPTION AVAILABLE	YES	Page 22
UNDERGROUND UTILITIES CROSSING	UUX-058	YORKSHIRE WATER, WATER MAIN	BURIED	TRENCHLESS CROSSING	YES	Page 23
UNDERGROUND UTILITIES CROSSING	UUX-059	BT OPENREACH TELECOM LINE	BURIED	TRENCHLESS CROSSING	NO	Page 23 & 24
UNDERGROUND UTILITIES CROSSING	UUX-060	BT OPENREACH TELECOM LINE (ACCESS LOCATION)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 23 & 24
UNDERGROUND UTILITIES CROSSING	UUX-060E	NORTHERN POWERGRID HIGH VOLTAGE 33KV UNDERGROUND POWER LINE (ROAD WIDENING)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 24
UNDERGROUND UTILITIES CROSSING	UUX-060F	NORTHERN POWERGRID HIGH VOLTAGE 33KV UNDERGROUND POWER LINE (ROAD WIDENING)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 24
UNDERGROUND UTILITIES CROSSING	UUX-060G	KCOM GROUP TELECOM DUCT (ROAD WIDENING)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 24
UNDERGROUND UTILITIES CROSSING	UUX-060A	BT OPENREACH TELECOM LINE (ROAD WIDENING)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 23 & 24
UNDERGROUND UTILITIES CROSSING	UUX-060B	NORTHERN POWERGRID LOW VOLTAGE UNDERGROUND POWER LINE (ROAD WIDENING)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 23 & 24
UNDERGROUND UTILITIES CROSSING	UUX-060C	NORTHERN POWERGRID LINE - LEFT IN SITU (ROAD WIDENING)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 23 & 24
UNDERGROUND UTILITIES CROSSING	UUX-060D	NORTHERN POWERGRID HIGH VOLTAGE 33KV UNDERGROUND POWER LINE (ROAD WIDENING)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 24
UNDERGROUND UTILITIES CROSSING	UUX-061	NORTHERN POWERGRID HIGH VOLTAGE 11KV UNDERGROUND POWER LINE	BURIED	TRENCHLESS CROSSING	NO	Page 25
UNDERGROUND UTILITIES CROSSING	UUX-062	YORKSHIRE WATER- WATER MAIN (ACCESS LOCATION)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 27
UNDERGROUND UTILITIES CROSSING	UUX-063	NORTHERN GAS NETWORKS MEDIUM PRESSURE GAS MAIN (ACCESS LOCATION)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 27
UNDERGROUND UTILITIES CROSSING	UUX-064	KCOM GROUP TELECOM DUCT (ACCESS LOCATION)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 27
UNDERGROUND UTILITIES CROSSING	UUX-065	NORTHERN POWERGRID HIGH VOLTAGE 33KV UNDERGROUND POWER LINE (ACCESS LOCATION)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 27
UNDERGROUND UTILITIES CROSSING	UUX-066	NORTHERN POWERGRID HIGH VOLTAGE 33KV UNDERGROUND POWER LINE (ACCESS LOCATION)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 27
UNDERGROUND UTILITIES CROSSING	UUX-067	NORTHERN POWERGRID HIGH VOLTAGE 33KV UNDERGROUND POWER LINE (ACCESS LOCATION)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 27
UNDERGROUND UTILITIES CROSSING	UUX-068	BT OPENREACH TELECOM LINE	BURIED	EITHER OPTION AVAILABLE	YES	Page 28
UNDERGROUND UTILITIES CROSSING	UUX-068A	KCOM GROUP TELECOM DUCT (ROAD WIDENING)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 28
UNDERGROUND UTILITIES CROSSING	UUX-068B	NORTHERN POWERGRID LINE - LEFT IN SITU (ROAD WIDENING)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 28
UNDERGROUND UTILITIES CROSSING	UUX-070	YORKSHIRE WATER- WATER MAIN	BURIED	TRENCHLESS CROSSING	YES	Page 29
UNDERGROUND UTILITIES CROSSING	UUX-071	BT OPENREACH TELECOM UTILITY	BURIED	TRENCHLESS CROSSING	YES	Page 29
UNDERGROUND UTILITIES CROSSING	UUX-072	NORTHERN GAS NETWORKS MEDIUM PRESSURE GAS MAIN	BURIED	TRENCHLESS CROSSING	YES	Page 29
UNDERGROUND UTILITIES CROSSING	UUX-073	KCOM GROUP TELECOM DUCT	BURIED	TRENCHLESS CROSSING	YES	Page 29
UNDERGROUND UTILITIES CROSSING	UUX-074	NORTHERN GAS NETWORKS MEDIUM PRESSURE GAS MAIN	BURIED	TRENCHLESS CROSSING	NO	Page 29 & 30
UNDERGROUND UTILITIES CROSSING	UUX-075	YORKSHIRE WATER- WATER MAIN - ABANDONED	BURIED	TRENCHLESS CROSSING	NO	Page 29 & 30
UNDERGROUND UTILITIES CROSSING	UUX-076	YORKSHIRE WATER- WATER MAIN	BURIED	TRENCHLESS CROSSING	NO	Page 29 & 30
UNDERGROUND UTILITIES CROSSING	UUX-077	KCOM GROUP TELECOM DUCT	BURIED	TRENCHLESS CROSSING	NO	Page 29 & 30
UNDERGROUND UTILITIES CROSSING	UUX-078	NORTHERN GAS NETWORKS MEDIUM PRESSURE GAS MAIN (ACCESS LOCATION)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 30
UNDERGROUND UTILITIES CROSSING	UUX-079	KCOM GROUP TELECOM DUCT (ACCESS LOCATION)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 30
UNDERGROUND UTILITIES CROSSING	UUX-080	YORKSHIRE WATER- WATER MAIN - ABANDONED (ACCESS LOCATION)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 30
UNDERGROUND UTILITIES CROSSING	UUX-081	YORKSHIRE WATER- WATER MAIN (ACCESS LOCATION)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 30
UNDERGROUND UTILITIES CROSSING	UUX-082	NORTHERN GAS NETWORKS MEDIUM PRESSURE GAS MAIN	BURIED	TRENCHLESS CROSSING	YES	Page 31 & 32

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UNDERGROUND UTILITIES CROSSING	UUX-083	KCOM GROUP TELECOM DUCT	BURIED	TRENCHLESS CROSSING	YES	Page 31 & 32
UNDERGROUND UTILITIES CROSSING	UUX-084	KCOM GROUP TELECOM DUCT	BURIED	TRENCHLESS CROSSING	NO	Page 32 & 33
UNDERGROUND UTILITIES CROSSING	UUX-085	KCOM GROUP TELECOM DUCT- PROPOSED	BURIED	TRENCHLESS CROSSING	NO	Page 32 & 33
UNDERGROUND UTILITIES CROSSING	UUX-086	YORKSHIRE WATER- WATER MAIN (ACCESS LOCATION)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 33
UNDERGROUND UTILITIES CROSSING	UUX-087	KCOM GROUP TELECOM DUCT (ACCESS LOCATION)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 33
UNDERGROUND UTILITIES CROSSING	UUX-087A	KCOM GROUP TELECOM DUCT (ACCESS LOCATION)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 33
UNDERGROUND UTILITIES CROSSING	UUX-088	YORKSHIRE WATER- WATER MAIN (ACCESS LOCATION)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 33
UNDERGROUND UTILITIES CROSSING	UUX-089	KCOM GROUP TELECOM DUCT	BURIED	TRENCHLESS CROSSING	NO	Page 33
UNDERGROUND UTILITIES CROSSING	UUX-090	KCOM GROUP TELECOM DUCT	BURIED	TRENCHLESS CROSSING	NO	Page 33
UNDERGROUND UTILITIES CROSSING	UUX-091	YORKSHIRE WATER- WATER MAIN - OVER 4 INCHES	BURIED	TRENCHLESS CROSSING	NO	Page 33
UNDERGROUND UTILITIES CROSSING	UUX-092	NORTHERN GAS NETWORKS MEDIUM PRESSURE GAS MAIN	BURIED	TRENCHLESS CROSSING	YES	Page 33
UNDERGROUND UTILITIES CROSSING	UUX-093	YORKSHIRE WATER- WATER MAIN -8 INCHES UPVC	BURIED	TRENCHLESS CROSSING	YES	Page 33
UNDERGROUND UTILITIES CROSSING	UUX-094	YORKSHIRE WATER SEWERAGE - FOUL SEWER 225MM VC	BURIED	TRENCHLESS CROSSING	YES	Page 33
UNDERGROUND UTILITIES CROSSING	UUX-095	KCOM GROUP TELECOM DUCT	BURIED	TRENCHLESS CROSSING	YES	Page 33
UNDERGROUND UTILITIES CROSSING	UUX-096	NORTHERN GAS NETWORKS MEDIUM PRESSURE GAS MAIN	BURIED	TRENCHLESS CROSSING	YES	Page 33
UNDERGROUND UTILITIES CROSSING	UUX-097	YORKSHIRE WATER- WATER MAIN - UNDER 4 INCHES	BURIED	EITHER OPTION AVAILABLE	YES	Page 33 & 34
UNDERGROUND UTILITIES CROSSING	UUX-098	YORKSHIRE WATER- WATER MAIN - UNDER 4 INCHES	BURIED	EITHER OPTION AVAILABLE	YES	Page 33 & 34
UNDERGROUND UTILITIES CROSSING	UUX-099	YORKSHIRE WATER SEWERAGE - COMBINED SEWER 300MM VC	BURIED	EITHER OPTION AVAILABLE	YES	Page 34 & 35
UNDERGROUND UTILITIES CROSSING	UUX-100	YORKSHIRE WATER SEWERAGE - COMBINED SEWER 300MM VC (PERMANENT ACCESS CROSSING)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 34 & 35
UNDERGROUND UTILITIES CROSSING	UUX-113	YORKSHIRE WATER- WATER MAIN - UNDER 4 INCHES	BURIED	EITHER OPTION AVAILABLE	YES	Page 34 & 35
UNDERGROUND UTILITIES CROSSING	UUX-114	KCOM GROUP TELECOM DUCT	BURIED	TRENCHLESS CROSSING	NO	Page 35 & 36
UNDERGROUND UTILITIES CROSSING	UUX-115	KCOM GROUP TELECOM DUCT PROPOSED	BURIED	TRENCHLESS CROSSING	NO	Page 35 & 36
UNDERGROUND UTILITIES CROSSING	UUX-116	YORKSHIRE WATER- WATER MAIN - UNDER 4 INCHES	BURIED	TRENCHLESS CROSSING	NO	Page 35 & 36
UNDERGROUND UTILITIES CROSSING	UUX-117	KCOM GROUP TELECOM DUCT	BURIED	TRENCHLESS CROSSING	NO	Page 35 & 36
UNDERGROUND UTILITIES CROSSING	UUX-118	KCOM GROUP TELECOM DUCT	BURIED	TRENCHLESS CROSSING	NO	Page 35 & 36
UNDERGROUND UTILITIES CROSSING	UUX-119	NATIONAL GRID HIGH PRESSURE GAS MAIN	BURIED	EITHER OPTION AVAILABLE	YES	Page 36
UNDERGROUND UTILITIES CROSSING	UUX-120	KCOM GROUP TELECOM DUCT (HAUL ROAD CROSSING)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 35 & 36
UNDERGROUND UTILITIES CROSSING	UUX-121	SABIC / INEOS HIGH PRESSURE ETHYLENE PIPELINE (HAUL ROAD CROSSING)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 36
UNDERGROUND UTILITIES CROSSING	UUX-122	SABIC / INEOS HIGH PRESSURE ETHYLENE PIPELINE	BURIED	EITHER OPTION AVAILABLE	YES	Page 36 & 37
UNDERGROUND UTILITIES CROSSING	UUX-122A	SABIC / INEOS HIGH PRESSURE ETHYLENE PIPELINE (HAUL ROAD CROSSING)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 36 & 37
UNDERGROUND UTILITIES CROSSING	UUX-122B	SABIC / INEOS HIGH PRESSURE ETHYLENE PIPELINE	BURIED	EITHER OPTION AVAILABLE	YES	Page 36
UNDERGROUND UTILITIES CROSSING	UUX-123	KCOM GROUP TELECOM DUCT	BURIED	EITHER OPTION AVAILABLE	YES	Page 37
UNDERGROUND UTILITIES CROSSING	UUX-124	KCOM GROUP TELECOM DUCT	BURIED	EITHER OPTION AVAILABLE	YES	Page 37
UNDERGROUND UTILITIES CROSSING	UUX-125	KCOM GROUP TELECOM DUCT	BURIED	EITHER OPTION AVAILABLE	YES	Page 37
WATERCOURSE CROSSING	WX-001	WATERCOURSE / DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 3 & 4
WATERCOURSE CROSSING	WX-002	WATERCOURSE / DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 3 & 4
WATERCOURSE CROSSING	WX-003	WATERCOURSE TO THE SOUTH OF HORNSEA RD	SURFACE	TRENCHLESS CROSSING	NO	Page 4
WATERCOURSE CROSSING	WX-003A	WATERCOURSE TO THE SOUTH OF HORNSEA RD (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 4
WATERCOURSE CROSSING	WX-004	STREAM DIKE / SKIPSEA DRAIN - IDB DRAIN	SURFACE	TRENCHLESS CROSSING	YES	Page 5
WATERCOURSE CROSSING	WX-005	WATERCOURSE/DITCH	SURFACE	EITHER OPTION AVAILABLE	YES	Page 5
WATERCOURSE CROSSING	WX-006	WATERCOURSE / DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 5
WATERCOURSE CROSSING	WX-007	DUNNINGTON SEWER - IDB DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 6
WATERCOURSE CROSSING	WX-008	WATERCOURSE / DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 6
WATERCOURSE CROSSING	WX-008B	WATERCOURSE/DRAIN WITHIN CULVERT BENEATH A165 (ROAD WIDENING)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 7
WATERCOURSE CROSSING	WX-008A	CATCHMOOR GUTTER WITHIN CULVERT BENEATH DUNNINGTON LANE (ROAD WIDENING)	BURIED	OFF ROUTE HAUL ROAD CROSSING	YES	Page 7
WATERCOURSE CROSSING	WX-009	WATERCOURSE / DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 8
WATERCOURSE CROSSING	WX-010	WATERCOURSE/DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 9
WATERCOURSE CROSSING	WX-011	NUNKEELING DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 10 & 11
WATERCOURSE CROSSING	WX-012	WATERCOURSE / DRAIN	SURFACE	TRENCHLESS CROSSING	YES	Page 10 & 11
WATERCOURSE CROSSING	WX-013A	WATERCOURSE/ROADSIDE DITCH (ROAD WIDENING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 11
WATERCOURSE CROSSING	WX-013	WATERCOURSE / DRAIN (TCC LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 11
WATERCOURSE CROSSING	WX-014	WATERCOURSE / DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 11 & 12
WATERCOURSE CROSSING	WX-015	WATERCOURSE / DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 12 & 13
WATERCOURSE CROSSING	WX-016	WATERCOURSE / DRAIN	SURFACE	TRENCHLESS CROSSING	YES	Page 13 & 14

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WATERCOURSE CROSSING	WX-017	WATERCOURSE / DRAIN	SURFACE	TRENCHLESS CROSSING	NO	Page 13 & 14
WATERCOURSE CROSSING	WX-018	WATERCOURSE / DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 14
WATERCOURSE CROSSING	WX-019A	CATFOSS DRAIN (ROAD WIDENING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 14 & 15
WATERCOURSE CROSSING	WX-019	CATFOSS DRAIN	SURFACE	TRENCHLESS CROSSING	NO	Page 14 & 15
WATERCOURSE CROSSING	WX-020	WATERCOURSE / DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 14 & 15
WATERCOURSE CROSSING	WX-021	WATERCOURSE / DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 15
WATERCOURSE CROSSING	WX-022	WATERCOURSE / DRAIN	SURFACE	EITHER OPTION AVAILABLE	NO	Page 15
WATERCOURSE CROSSING	WX-022A	WATERCOURSE / DRAIN (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 15
WATERCOURSE CROSSING	WX-023	WATERCOURSE / DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 15
WATERCOURSE CROSSING	WX-024	POND	SURFACE	OFF ROUTE HAUL ROAD CROSSING	NO	Page 15
WATERCOURSE CROSSING	WX-025	STREAM DIKE - ENVIRONMENT AGENCY MAIN RIVER	SURFACE	TRENCHLESS CROSSING	YES (TEMPORARY BRIDGE COMMITTED TO)	Page 16
WATERCOURSE CROSSING	WX-026	WATERCOURSE / DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 17
WATERCOURSE CROSSING	WX-027	WATERCOURSE / DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 17 & 18
WATERCOURSE CROSSING	WX-027A	WATERCOURSE / DRAIN (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 18
WATERCOURSE CROSSING	WX-028	ARNOLD AND RISTON DRAIN - IDB DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 18 & 19
WATERCOURSE CROSSING	WX-029	MONK DIKE - ENVIRONMENT AGENCY MAIN RIVER	SURFACE	TRENCHLESS CROSSING	YES (TEMPORARY BRIDGE COMMITTED TO)	Page 19 & 20
WATERCOURSE CROSSING	WX-030	MEAUX AND ROUTH EAST DRAIN - ENVIRONMENT AGENCY MAIN RIVER	SURFACE	TRENCHLESS CROSSING	YES (OPTION FOR TEMPORARY CULVERT RETAINED)	Page 19 & 20
WATERCOURSE CROSSING	WX-031	WATERCOURSE / DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 19 & 21
WATERCOURSE CROSSING	WX-032	WATERCOURSE / DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 21
WATERCOURSE CROSSING	WX-033	WATERCOURSE / DRAIN	SURFACE	TRENCHLESS CROSSING	NO	Page 21
WATERCOURSE CROSSING	WX-034	WATERCOURSE / DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 22
WATERCOURSE CROSSING	WX-035	HOLDERNESS DRAIN - ENVIRONMENT AGENCY MAIN RIVER	SURFACE	TRENCHLESS CROSSING	YES (TEMPORARY BRIDGE COMMITTED TO)	Page 23
WATERCOURSE CROSSING	WX-036	WATERCOURSE / DRAIN	SURFACE	TRENCHLESS CROSSING	NO	Page 23 & 24
WATERCOURSE CROSSING	WX-037	WATERCOURSE / DRAIN (ACCESS LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 23 & 24
WATERCOURSE CROSSING	WX-037A	WATERCOURSE / DRAIN (ROAD WIDENING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 23 & 24
WATERCOURSE CROSSING	WX-038	WATERCOURSE / DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 25
WATERCOURSE CROSSING	WX-039	TURF GUTTER & ESKE RIVER SIDE DRAIN - IDB DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 25
WATERCOURSE CROSSING	WX-040	RIVER HULL - ENVIRONMENT AGENCY MAIN RIVER	SURFACE	TRENCHLESS CROSSING	NO	Page 25
WATERCOURSE CROSSING	WX-041	BEVERLY AND BARMSTON DRAIN - ENVIRONMENT AGENCY MAIN RIVER	SURFACE	TRENCHLESS CROSSING	NO	Page 25
WATERCOURSE CROSSING	WX-042	SOUTH BULLOCK (N. BRANCH - DIGGINS ARMS) - IDB DRAIN	SURFACE	TRENCHLESS CROSSING	NO	Page 26
WATERCOURSE CROSSING	WX-043	WATERCOURSE / DRAIN	SURFACE	TRENCHLESS CROSSING	NO	Page 26
WATERCOURSE CROSSING	WX-043A	SOUTH BULLOCK DRAIN - IDB DRAIN (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 26
WATERCOURSE CROSSING	WX-043B	SOUTH BULLOCK (S. BRANCH - CHALK ARM) - IDB DRAIN (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 26
WATERCOURSE CROSSING	WX-043C	WATERCOURSE / DRAIN (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 26
WATERCOURSE CROSSING	WX-045	WATERCOURSE / DRAIN (ACCESS LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 27
WATERCOURSE CROSSING	WX-046	STORKHILL DRAIN - IDB DRAIN (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 27
WATERCOURSE CROSSING	WX-047	SOUTH BULLOCK DIKE (S. BRANCH - CHALK ARM) - IDB DRAIN (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 27
WATERCOURSE CROSSING	WX-048	WATERCOURSE / DRAIN (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 26 & 27
WATERCOURSE CROSSING	WX-049	WATERCOURSE / DRAIN (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 26 & 27
WATERCOURSE CROSSING	WX-050	POND	SURFACE	EITHER OPTION AVAILABLE	NO	Page 28
WATERCOURSE CROSSING	WX-051	WATERCOURSE / DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 28
WATERCOURSE CROSSING	WX-052	WATERCOURSE / DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 28
WATERCOURSE CROSSING	WX-056	WATERCOURSE / DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 28
WATERCOURSE CROSSING	WX-057	WATERCOURSE / DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 28
WATERCOURSE CROSSING	WX-058	WATERCOURSE / DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 28
WATERCOURSE CROSSING	WX-059	CATCHWATER DRAIN - ENVIRONMENT AGENCY MAIN RIVER	SURFACE	TRENCHLESS CROSSING	YES (TEMPORARY BRIDGE COMMITTED TO)	Page 28 & 29
WATERCOURSE CROSSING	WX-060	FIELD DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 30 & 31
WATERCOURSE CROSSING	WX-061	WATERCOURSE / DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 32 & 33

OBSTACLE TYPE	OBSTACLE ID	OBSTACLE DETAILS	OVERHEAD / SURFACE / BURIED	TRENCHING OR TRENCHLESS	HAUL ROAD CROSSING REQUIRED	PAGE NUMBER OF ES CHAPTER 5 APPENDIX 5-2 OBSTACLE CROSSINGS DRAWING
WATERCOURSE CROSSING	WX-062	AUTHERD DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 34 & 35
WATERCOURSE CROSSING	WX-063	AUTHERD DRAIN (PERMANENT ACCESS CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 34 & 35
WATERCOURSE CROSSING	WX-064	WATERCOURSE / DRAIN (WITHIN SUBSTATION FOOTPRINT	SURFACE	TO BE REMOVED FOR SUBSTATION CONSTRUCTION	NO	Page 35
WATERCOURSE CROSSING	WX-065	WATERCOURSE / DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 35
WATERCOURSE CROSSING	WX-066	WATERCOURSE / DRAIN (WITHIN SUBSTATION FOOTPRINT	SURFACE	TO BE REMOVED FOR SUBSTATION CONSTRUCTION	NO	Page 35
WATERCOURSE CROSSING	WX-067	WATERCOURSE / DRAIN (WITHIN SUBSTATION FOOTPRINT	SURFACE	TO BE REMOVED FOR SUBSTATION CONSTRUCTION	NO	Page 35
WATERCOURSE CROSSING	WX-074	WATERCOURSE / DRAIN (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 34 & 35
WATERCOURSE CROSSING	WX-075	WATERCOURSE / DRAIN (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 34 & 35
WATERCOURSE CROSSING	WX-076	WATERCOURSE / DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 34 & 35
WATERCOURSE CROSSING	WX-077	WATERCOURSE / DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 34 & 35
WATERCOURSE CROSSING	WX-078	WATERCOURSE / DRAIN	SURFACE	TRENCHLESS CROSSING	YES	Page 35 & 36
WATERCOURSE CROSSING	WX-079	WATERCOURSE / DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 36
WATERCOURSE CROSSING	WX-080	WATERCOURSE / DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 36 & 37
WATERCOURSE CROSSING	WX-082	WATERCOURSE / DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 36 & 37
WATERCOURSE CROSSING	WX-82A	WATERCOURSE / DRAIN (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 36 & 37
WATERCOURSE CROSSING	WX-081A	POND	SURFACE	EITHER OPTION AVAILABLE	NO	Page 36 & 37
WATERCOURSE CROSSING	WX-081B	WATERCOURSE / DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 36 & 37
WATERCOURSE CROSSING	WX-081C	WATERCOURSE / DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 36 & 37
WATERCOURSE CROSSING	WX-081	WATERCOURSE / DRAIN	SURFACE	EITHER OPTION AVAILABLE	YES	Page 37
OTHER OBSTACLE CROSSING	OOX-001B	ARCHAEOLOGICAL CONSTRAINT	SURFACE	EITHER OPTION AVAILABLE	NO	Page 3 & 4
OTHER OBSTACLE CROSSING	OOX-001C	ARCHAEOLOGICAL CONSTRAINT	SURFACE	EITHER OPTION AVAILABLE	NO	Page 3 & 4
OTHER OBSTACLE CROSSING	OOX-001D	ARCHAEOLOGICAL CONSTRAINT	SURFACE	EITHER OPTION AVAILABLE	NO	Page 4 & 5
OTHER OBSTACLE CROSSING	OOX-001	LOCAL WILDLIFE SITE - BEEFORD - DUNNINGTON ROAD VERGE.	SURFACE	TRENCHLESS CROSSING	NO	Page 7
OTHER OBSTACLE CROSSING	OOX-001A	LOCAL WILDLIFE SITE - BEEFORD - DUNNINGTON ROAD VERGE. (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 7
OTHER OBSTACLE CROSSING	OOX-001F	LOCAL WILDLIFE SITE - NUNKEELING LANE	SURFACE	TRENCHLESS CROSSING	YES	Page 10 & 11
OTHER OBSTACLE CROSSING	OOX-001G	LOCAL WILDLIFE SITE - CATFOSS GRAVEL PITS	SURFACE	TRENCHLESS CROSSING	NO	Page 14 & 15
OTHER OBSTACLE CROSSING	OOX-001E	MINERAL SAFEGUARDING AREA	SURFACE	EITHER OPTION AVAILABLE	YES	Page 17
OTHER OBSTACLE CROSSING	OOX-002	PROPOSED SOLAR FARM	SURFACE	EITHER OPTION AVAILABLE	YES	Page 17 & 18
OTHER OBSTACLE CROSSING	OOX-002A	PROPOSED SOLAR FARM (HAUL ROAD CROSSING)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 17 & 18
OTHER OBSTACLE CROSSING	OOX-002B	ARCHAEOLOGICAL CONSTRAINT	SURFACE	EITHER OPTION AVAILABLE	YES	Page 18 & 19
OTHER OBSTACLE CROSSING	OOX-003	PROPOSED SOLAR FARM	SURFACE	EITHER OPTION AVAILABLE	YES	Page 18 & 19
OTHER OBSTACLE CROSSING	OOX-003D	LOCAL WILDLIFE SITE - MONK DYKE	SURFACE	TRENCHLESS CROSSING	YES	Page 19 & 20
OTHER OBSTACLE CROSSING	OOX-003A	ARCHAEOLOGICAL CONSTRAINT	SURFACE	EITHER OPTION AVAILABLE	YES	Page 21
OTHER OBSTACLE CROSSING	OOX-003B	ARCHAEOLOGICAL CONSTRAINT	SURFACE	EITHER OPTION AVAILABLE	NO	Page 22
OTHER OBSTACLE CROSSING	OOX-003C	ARCHAEOLOGICAL CONSTRAINT	SURFACE	EITHER OPTION AVAILABLE	YES	Page 22
OTHER OBSTACLE CROSSING	OOX-005	RAVENTHORPE EMBANKMENT LOCAL WILDLIFE SITE	SURFACE	TRENCHLESS CROSSING	NO	Page 28 & 29
OTHER OBSTACLE CROSSING	OOX-005A	ARCHAEOLOGICAL CONSTRAINT	SURFACE	EITHER OPTION AVAILABLE	NO	Page 29 & 30
OTHER OBSTACLE CROSSING	OOX-005B	ARCHAEOLOGICAL CONSTRAINT (TCC LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 30
OTHER OBSTACLE CROSSING	OOX-005C	ARCHAEOLOGICAL CONSTRAINT	SURFACE	EITHER OPTION AVAILABLE	YES	Page 32 & 33
OTHER OBSTACLE CROSSING	OOX-005D	ARCHAEOLOGICAL CONSTRAINT	SURFACE	EITHER OPTION AVAILABLE	YES	Page 33
OTHER OBSTACLE CROSSING	OOX-005E	LOCAL WILDLIFE SITE - WALKINGTON ROAD	SURFACE	TRENCHLESS CROSSING	YES	Page 33
OTHER OBSTACLE CROSSING	OOX-006	BUILDING - UNKNOWN USE / OWNERSHIP	SURFACE	EITHER OPTION AVAILABLE	NO	Page 33 & 34
OTHER OBSTACLE CROSSING	OOX-007	PROPOSED PERMANENT SUBSTATION ACCESS FOR HORNSEA PROJECT 4 (ACCESS LOCATION)	SURFACE	OFF ROUTE HAUL ROAD CROSSING	YES	Page 36
OTHER OBSTACLE CROSSING	OOX-7A	ALBANWISE SOLAR FARM	SURFACE	EITHER OPTION AVAILABLE	YES	Page 36 & 37





Onshore Development Area

Trenching or Trenchless Crossing

Off route haul road crossing

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PROJECT TITLE

Dogger Bank South Offshore Wind Farms

DRAWING TITLE

Obstacle Crossings

DRAWING NUMBER: **PC2340-RHD-ON-ZZ-DR-Z-0878**

PAGE NUMBER: **Page 1 of 37**

VER	DATE	REMARKS	DRAW	CHEK	APRD
0.1	16/05/2024	First Issue	SB	ND	RH
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0 0.03 0.05 0.08 0.1 Miles

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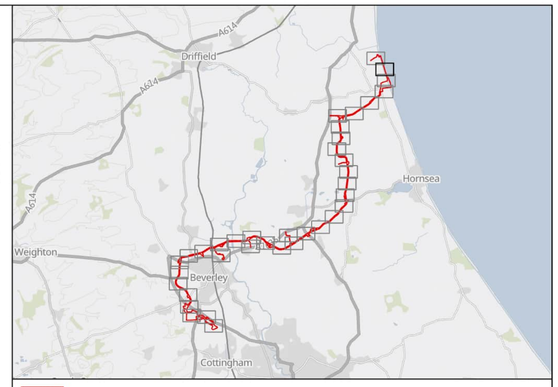
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Onshore Development Area

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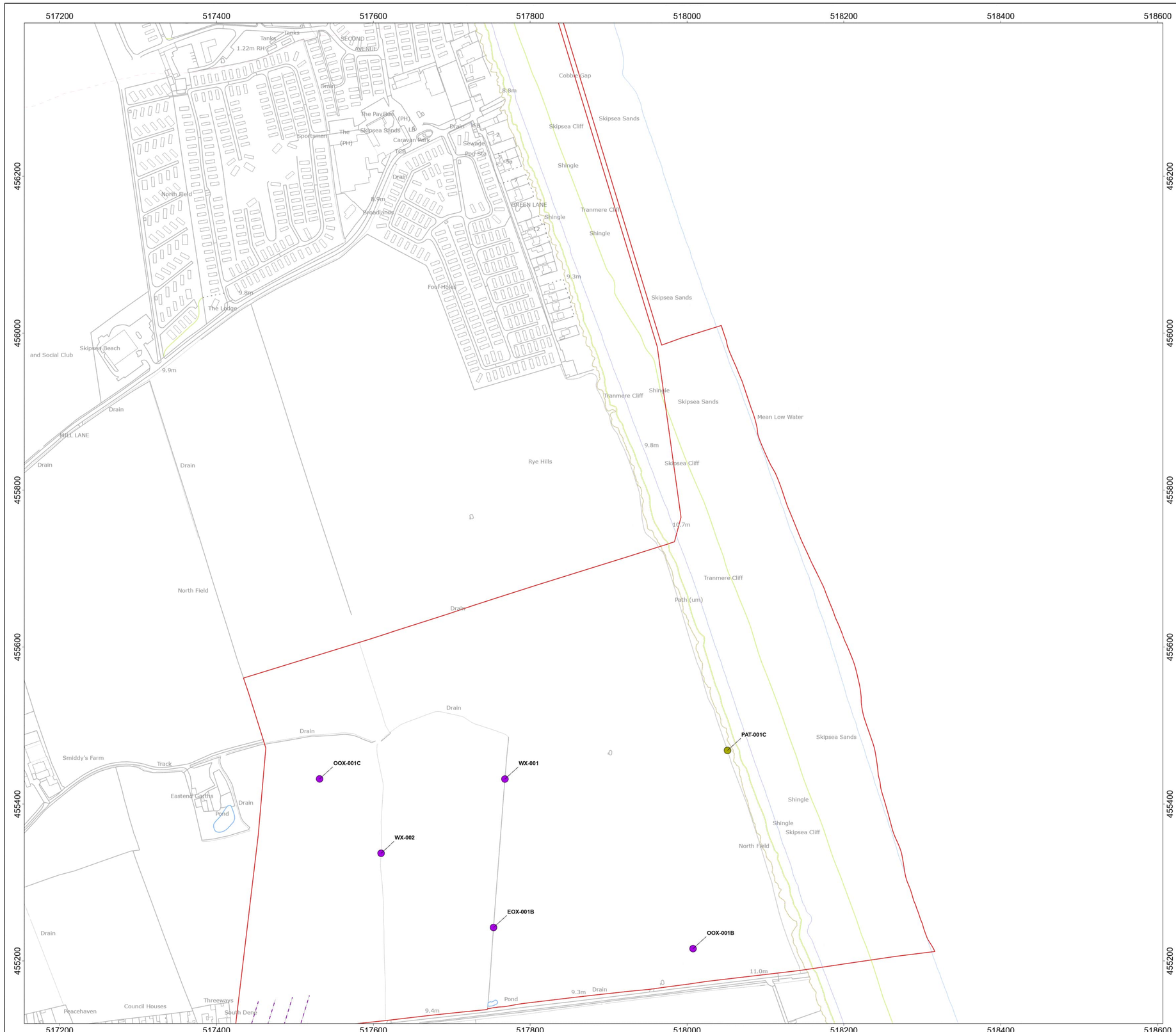
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DATUM	OSGB 1936	VERTICAL REF	N/A
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Onshore Development Area

Trenching or Trenchless Crossing

- Either option available
- Trenchless crossing
- Indicative Trenchless Crossing Alignment

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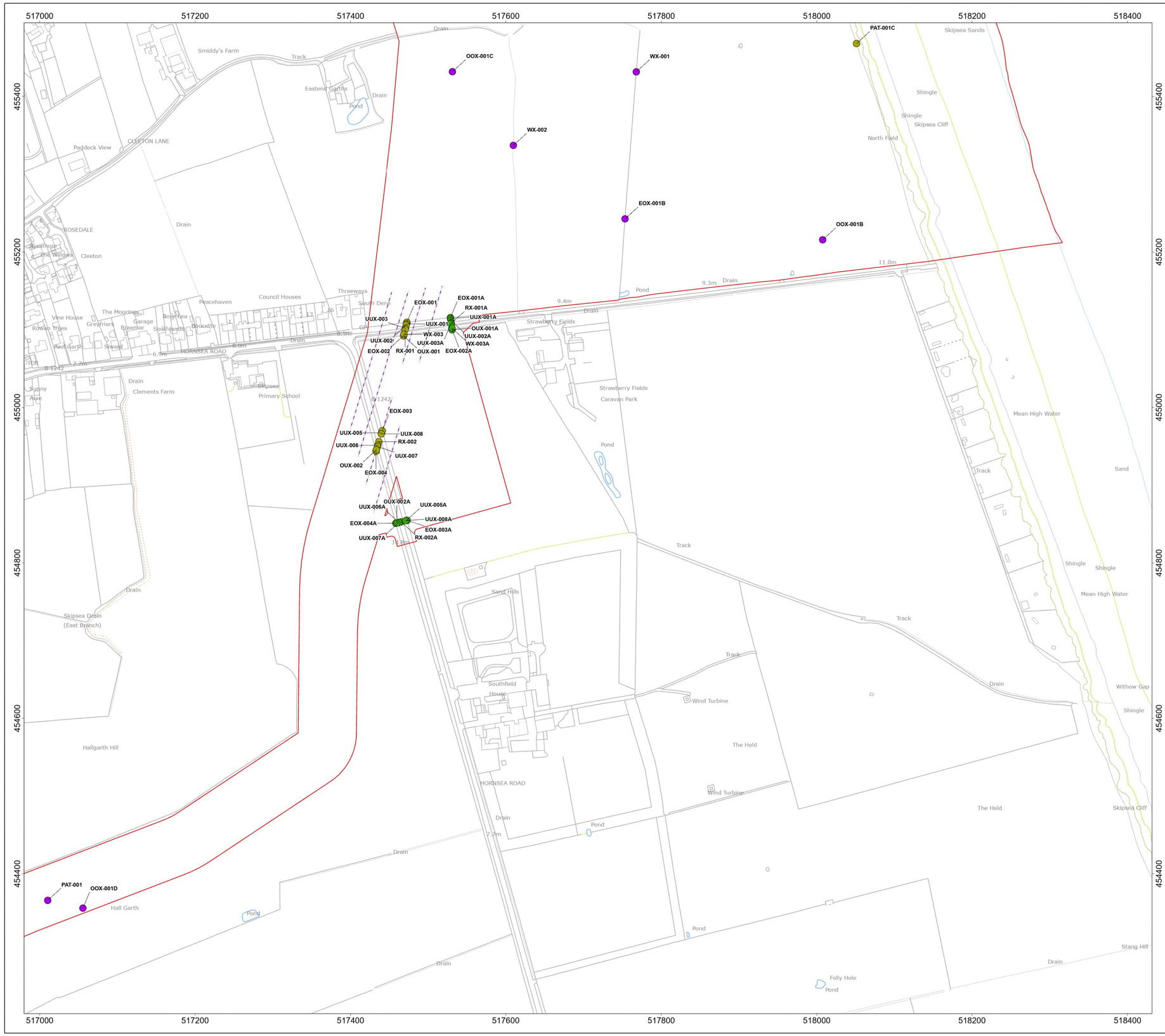
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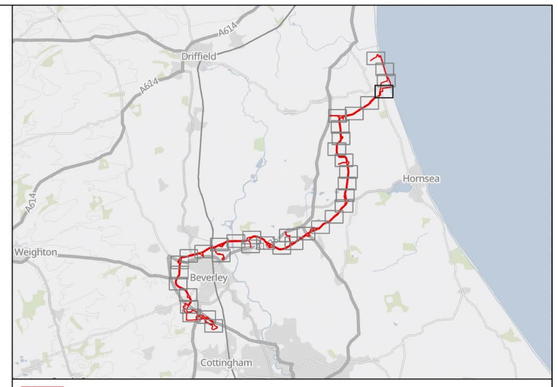
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SCALE	1:2,500	PLOT SIZE	A1
DATUM	OSGB 1936	VERTICAL REF	N/A
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Onshore Development Area

Trenching or Trenchless Crossing

- Either option available
- Off route haul road crossing
- Trenchless crossing
- Indicative Trenchless Crossing Alignment

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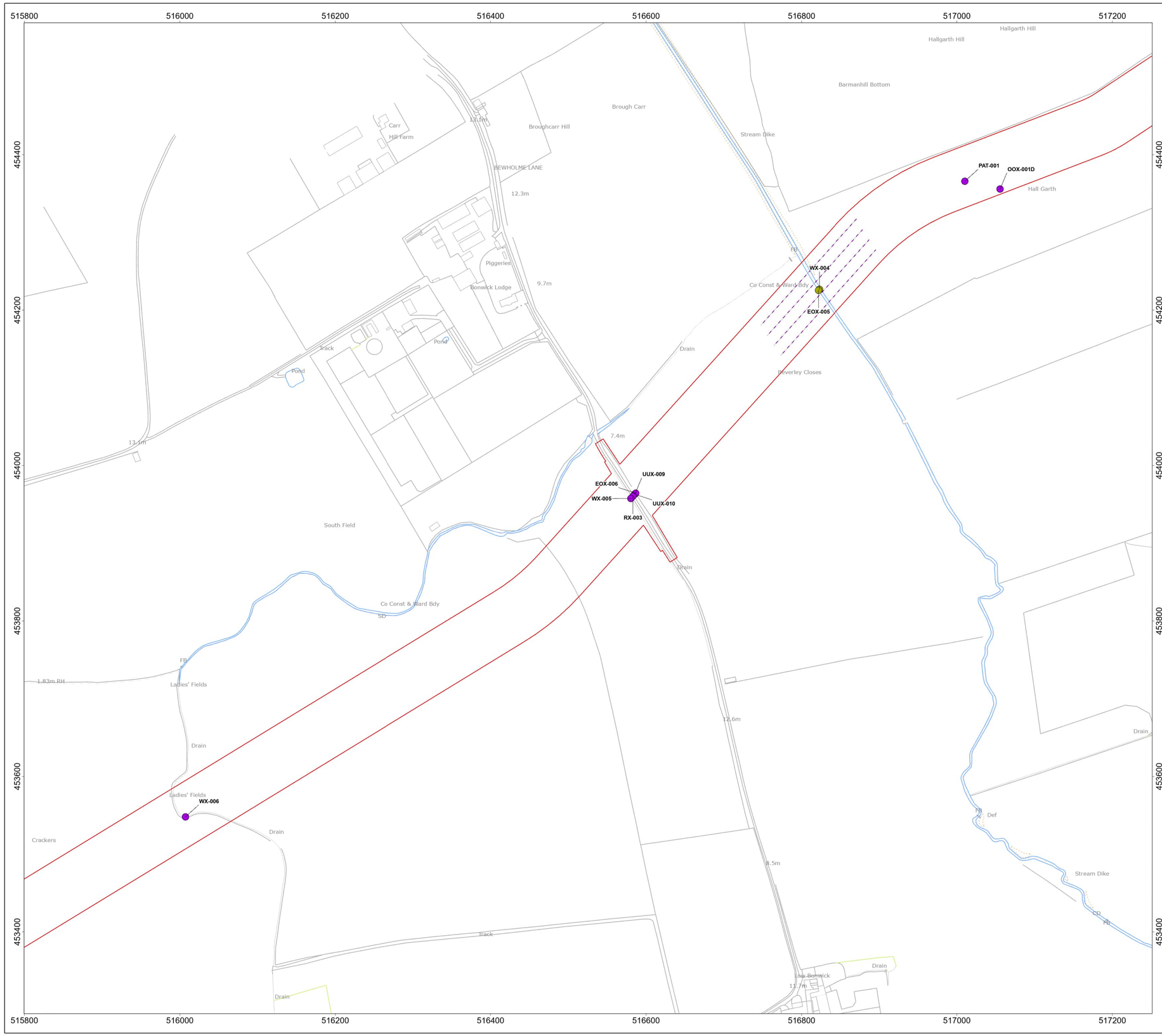
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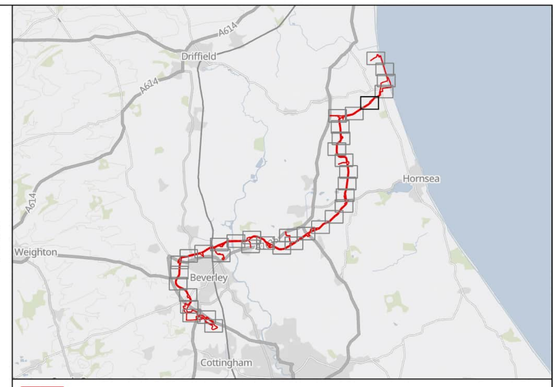
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Onshore Development Area

Trenching or Trenchless Crossing

- Either option available
- Trenchless crossing
- Indicative Trenchless Crossing Alignment

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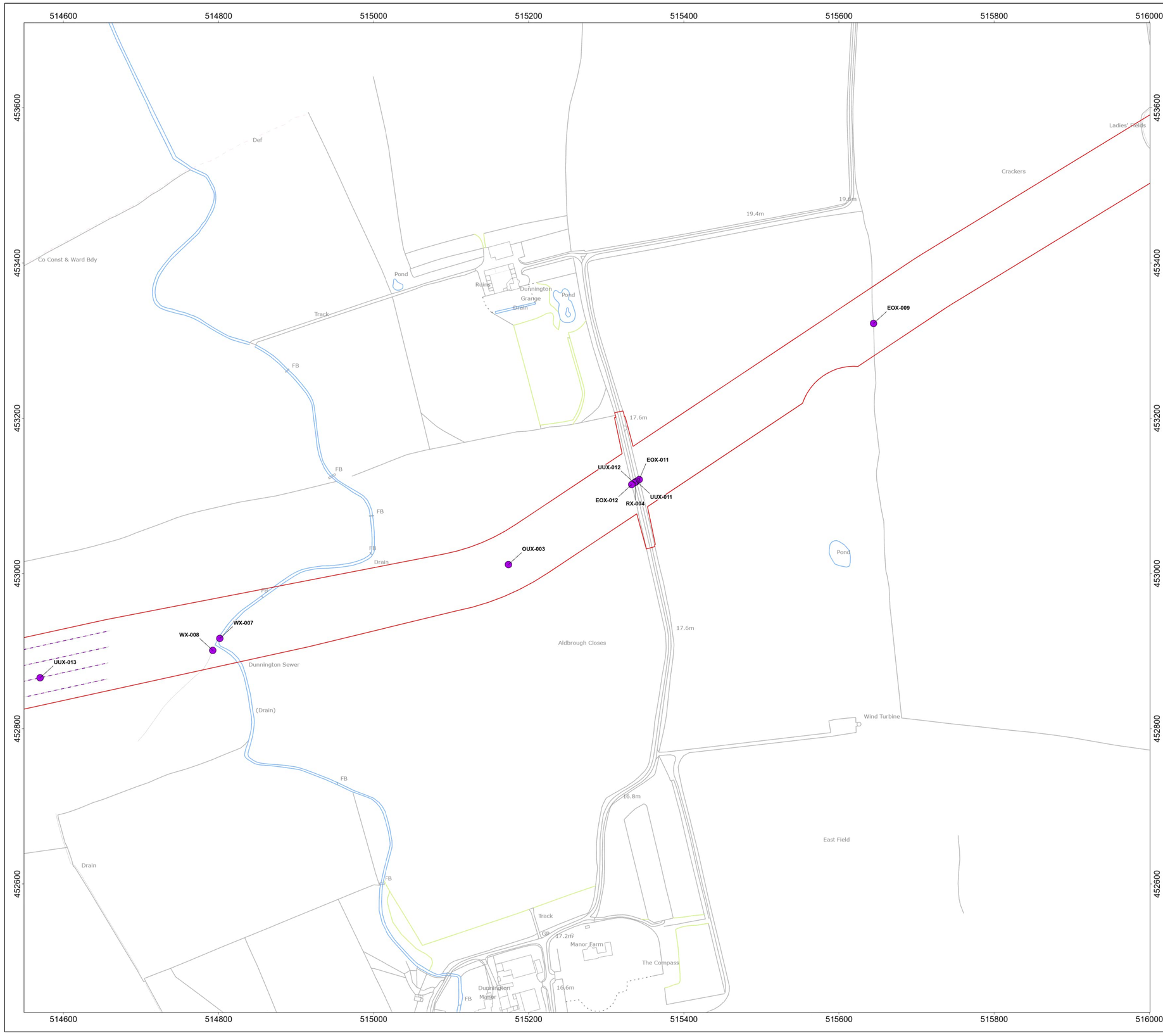
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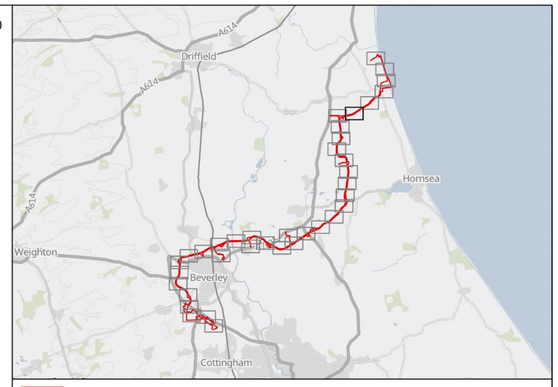
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Onshore Development Area

Trenching or Trenchless Crossing

- Either option available
- Indicative Trenchless Crossing Alignment

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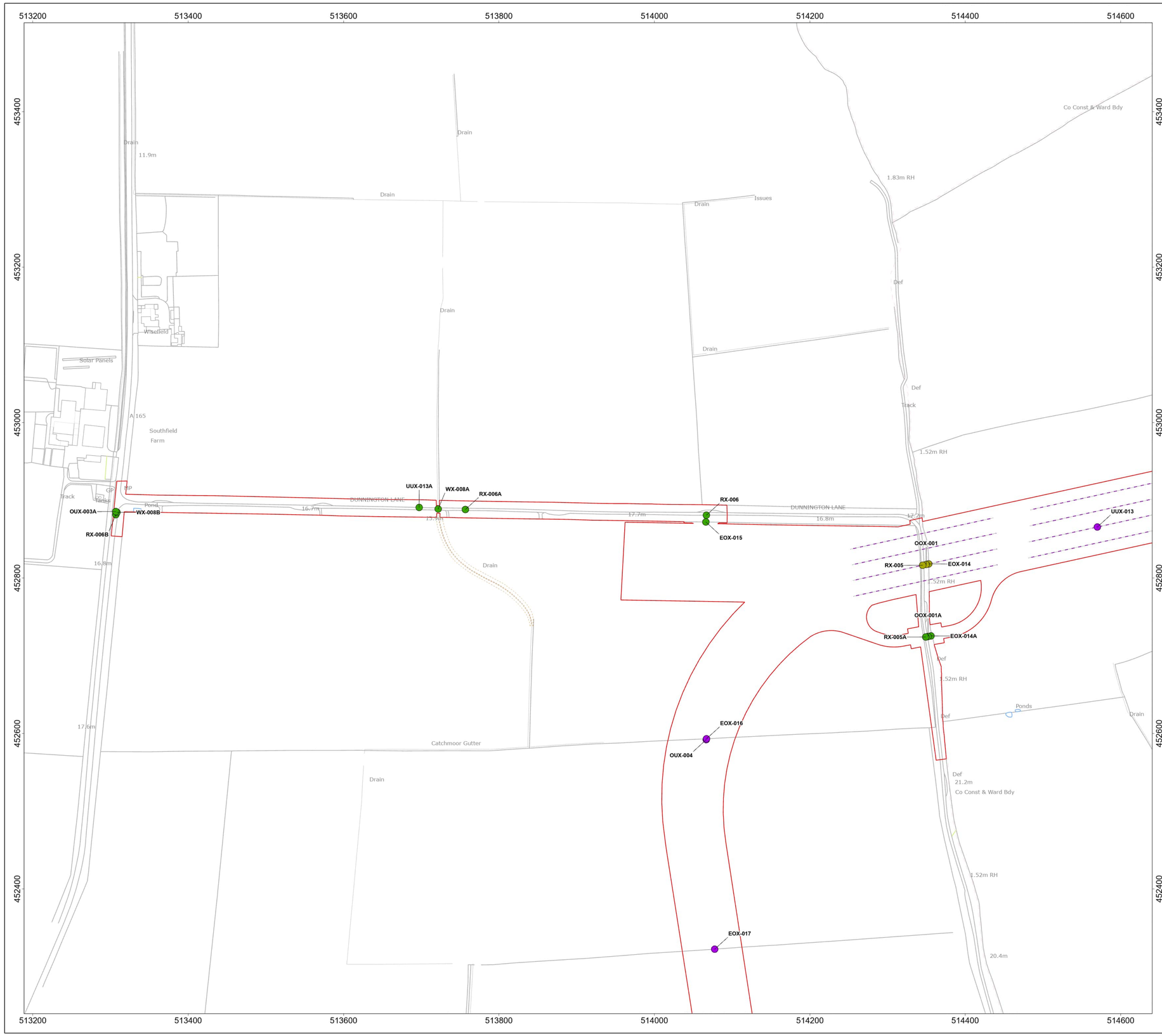
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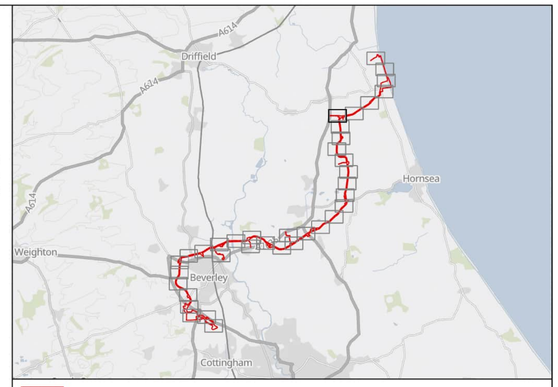
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Trenching or Trenchless Crossing

- Either option available
- Off route haul road crossing
- Trenchless crossing
- Indicative Trenchless Crossing Alignment

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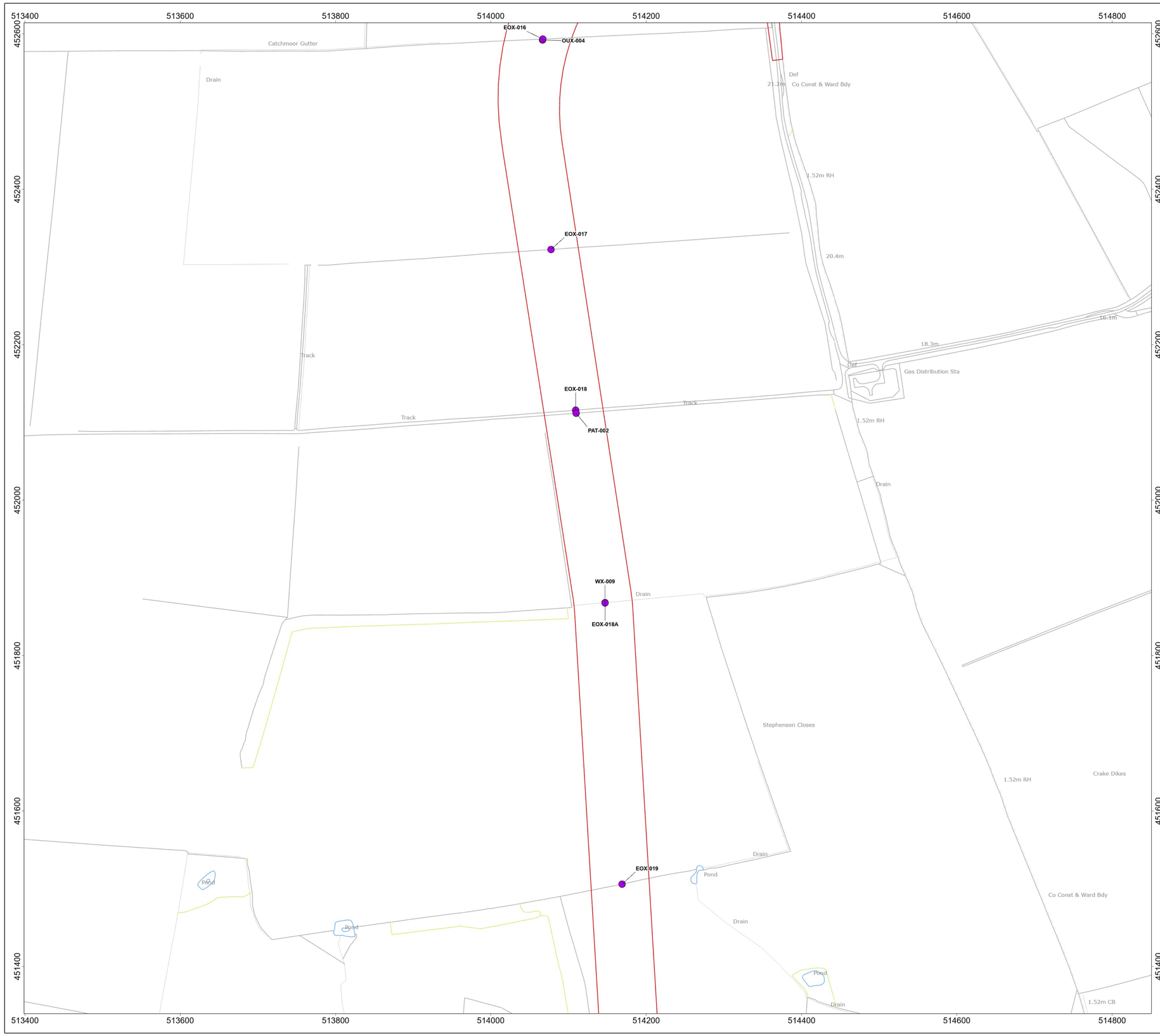
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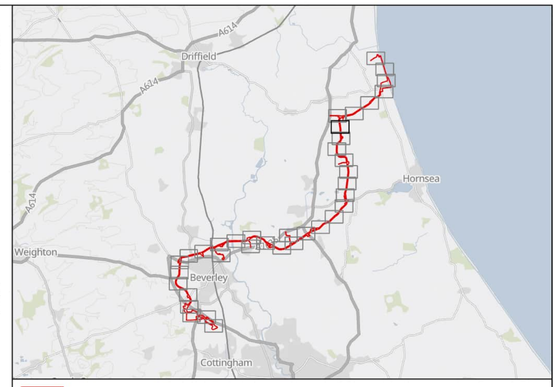
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Onshore Development Area

Trenching or Trenchless Crossing

- Either option available

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Obstacle Crossings

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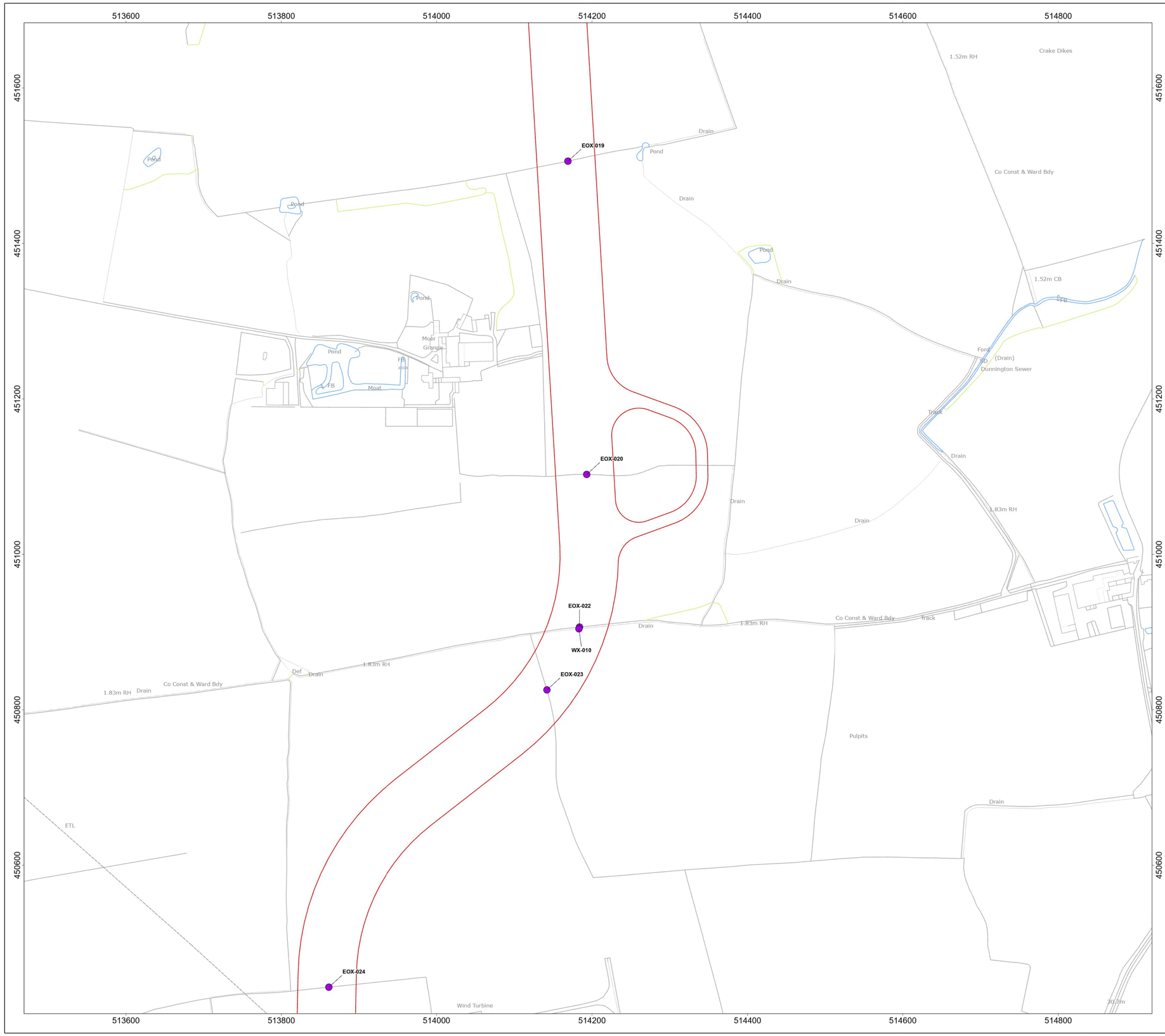
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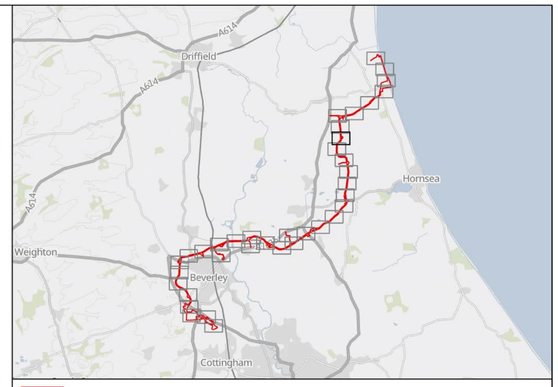
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DATUM OSGB 1936 VERTICAL REF N/A
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Onshore Development Area

Trenching or Trenchless Crossing

- Either option available

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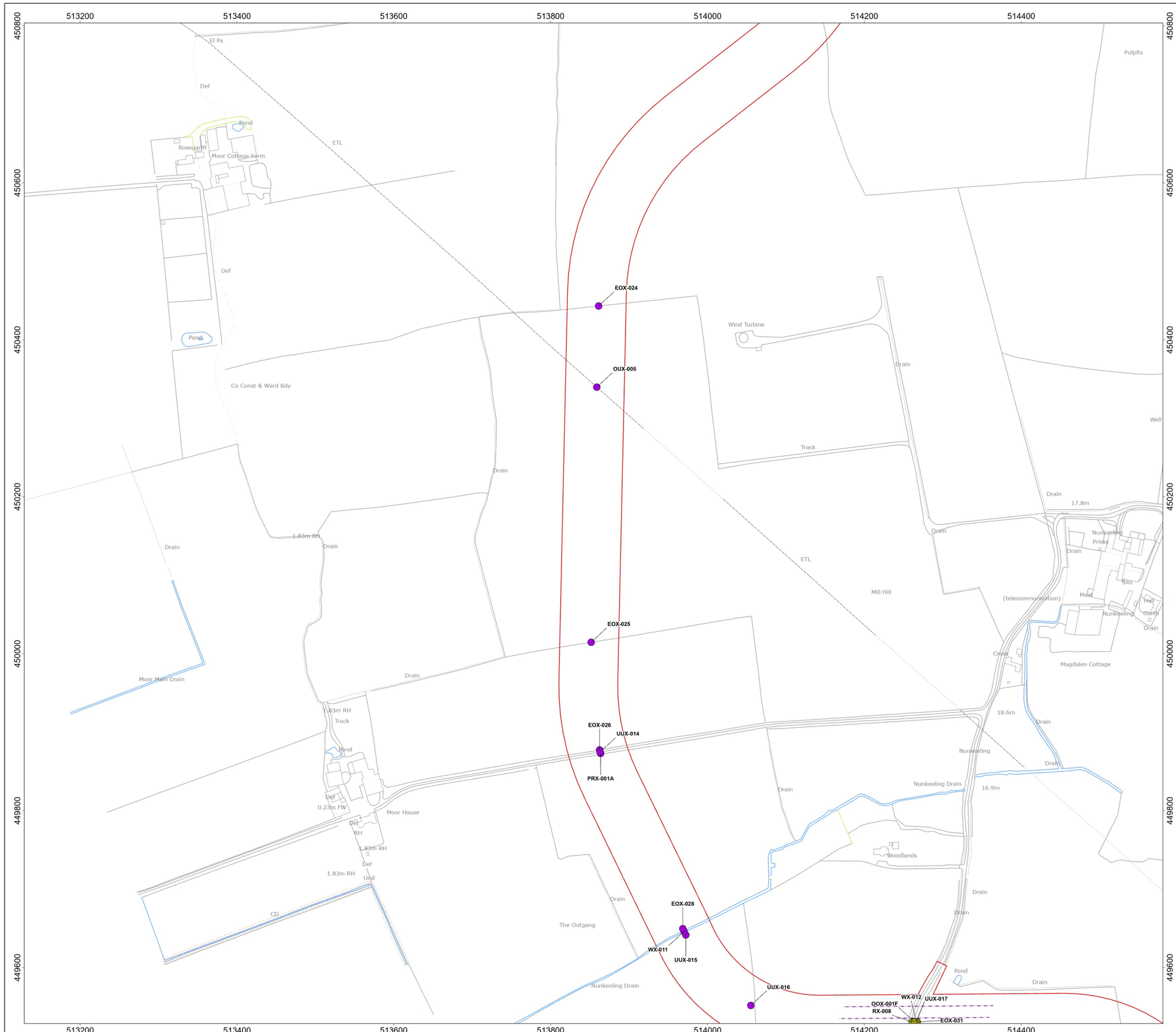
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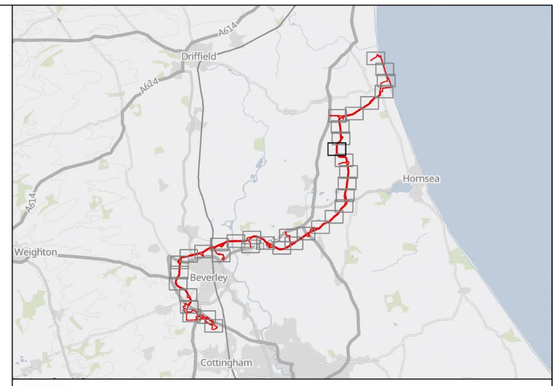
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DATUM OSGB 1936 VERTICAL REF N/A
PRJ British National Grid

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Onshore Development Area

Trenching or Trenchless Crossing

- Either option available
- Trenchless crossing
- Indicative Trenchless Crossing Alignment

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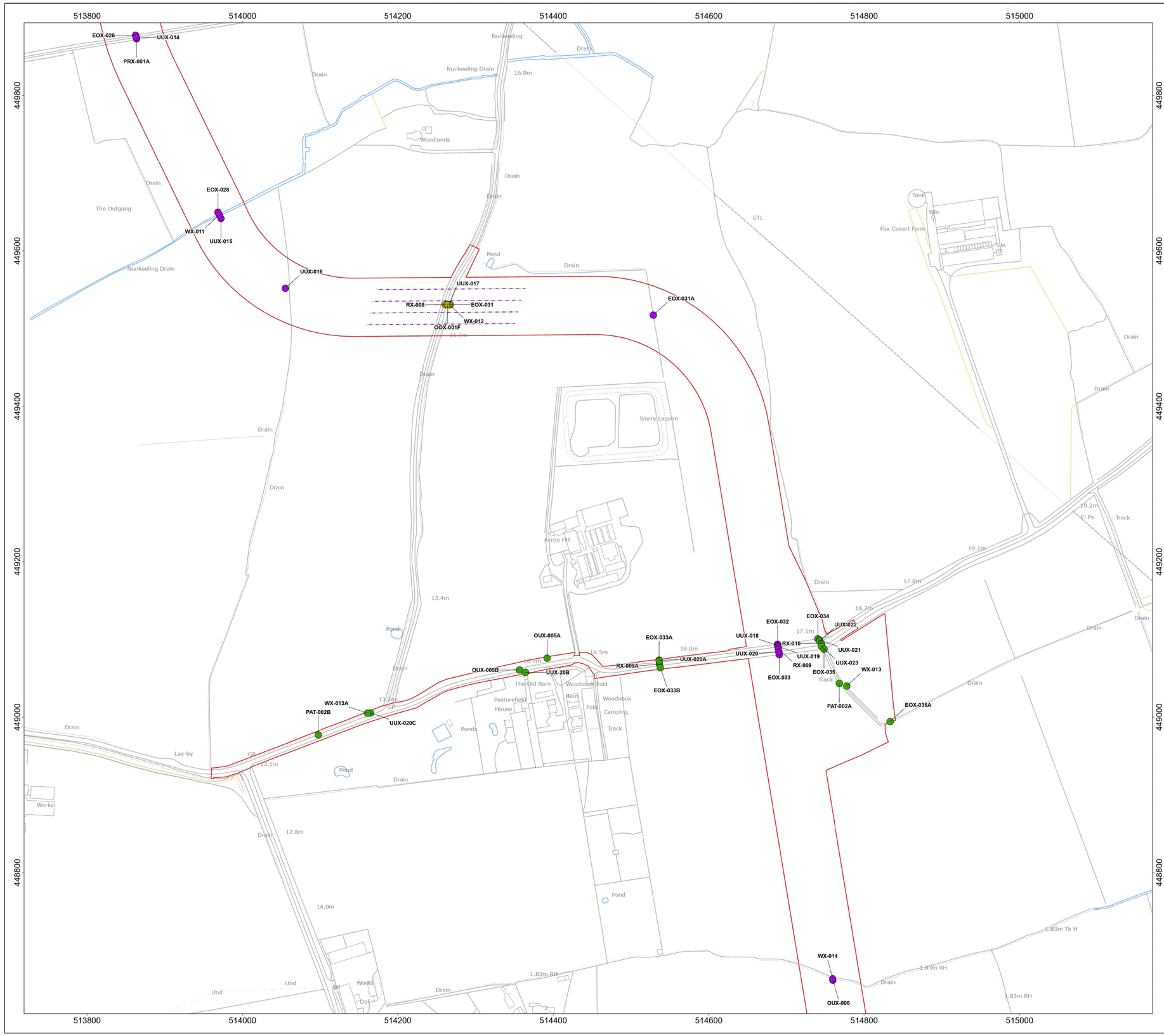
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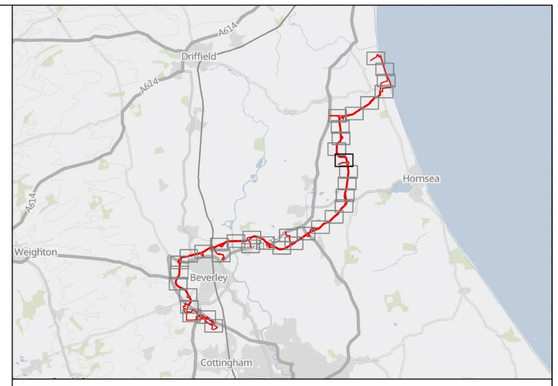
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PRJ British National Grid

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Onshore Development Area

Trenching or Trenchless Crossing

- Either option available
- Off route haul road crossing
- Trenchless crossing
- Indicative Trenchless Crossing Alignment

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PROJECT TITLE

Dogger Bank South Offshore Wind Farms

DRAWING TITLE

Obstacle Crossings

DRAWING NUMBER: PC2340-RHD-ON-ZZ-DR-Z-0878

PAGE NUMBER: Page 11 of 37

VER	DATE	REMARKS	DRAW	CHEK	APRD
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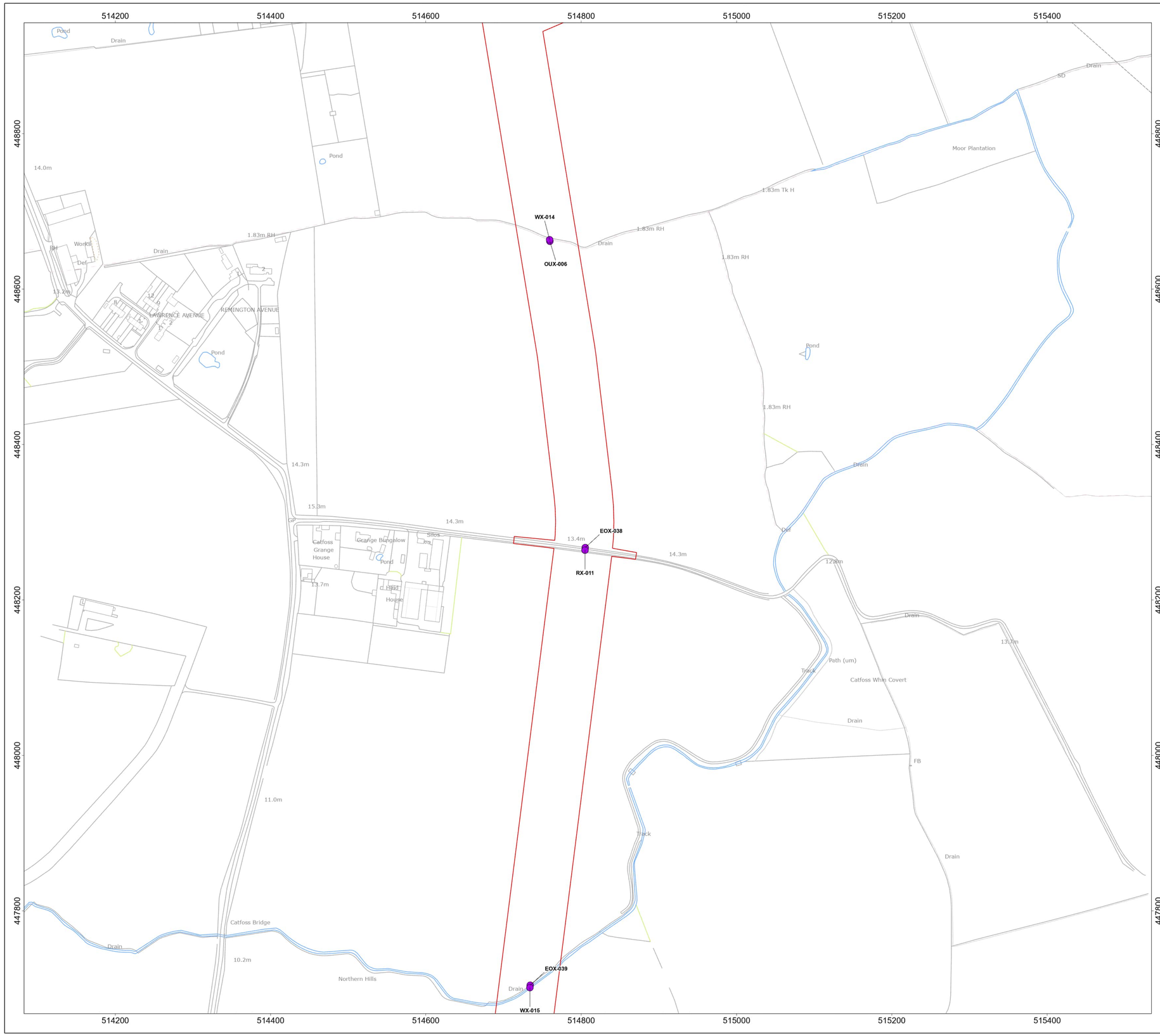
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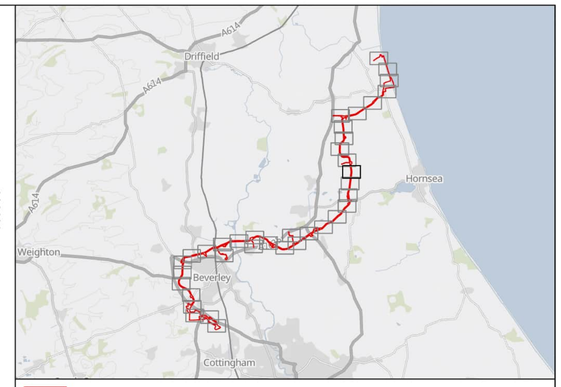
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PRJ British National Grid

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Onshore Development Area

Trenching or Trenchless Crossing

- Either option available

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PROJECT TITLE

Dogger Bank South Offshore Wind Farms

DRAWING TITLE

Obstacle Crossings

DRAWING NUMBER: PC2340-RHD-ON-ZZ-DR-Z-0878

PAGE NUMBER: Page 12 of 37

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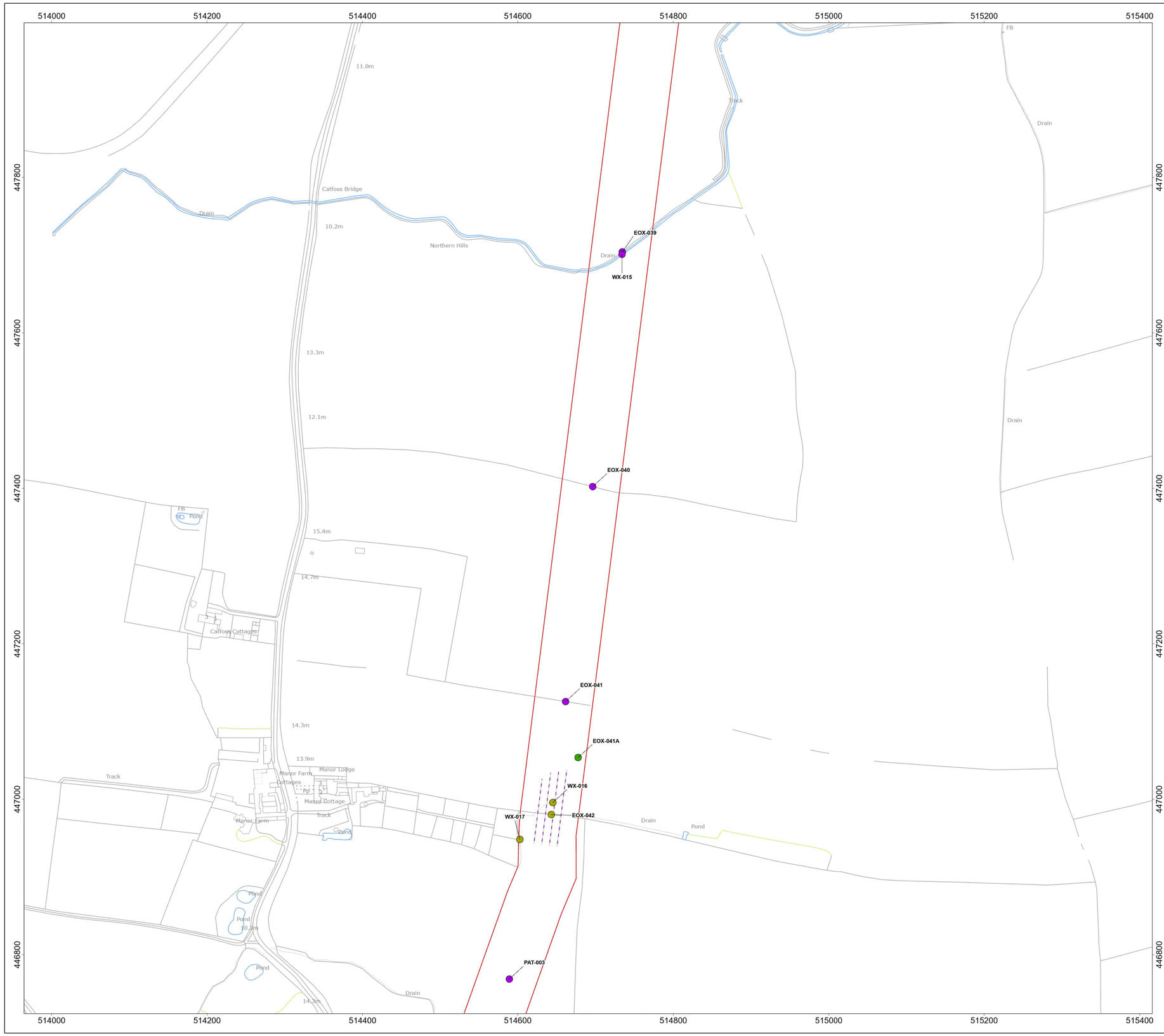
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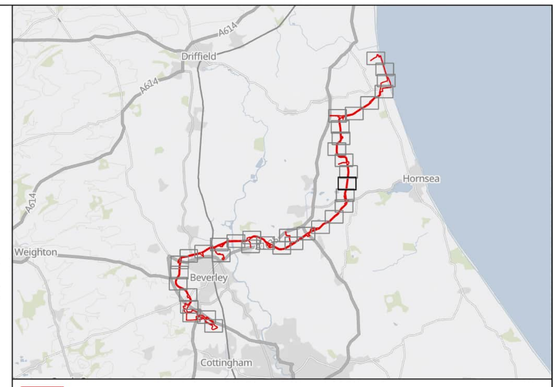
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Onshore Development Area

Trenching or Trenchless Crossing

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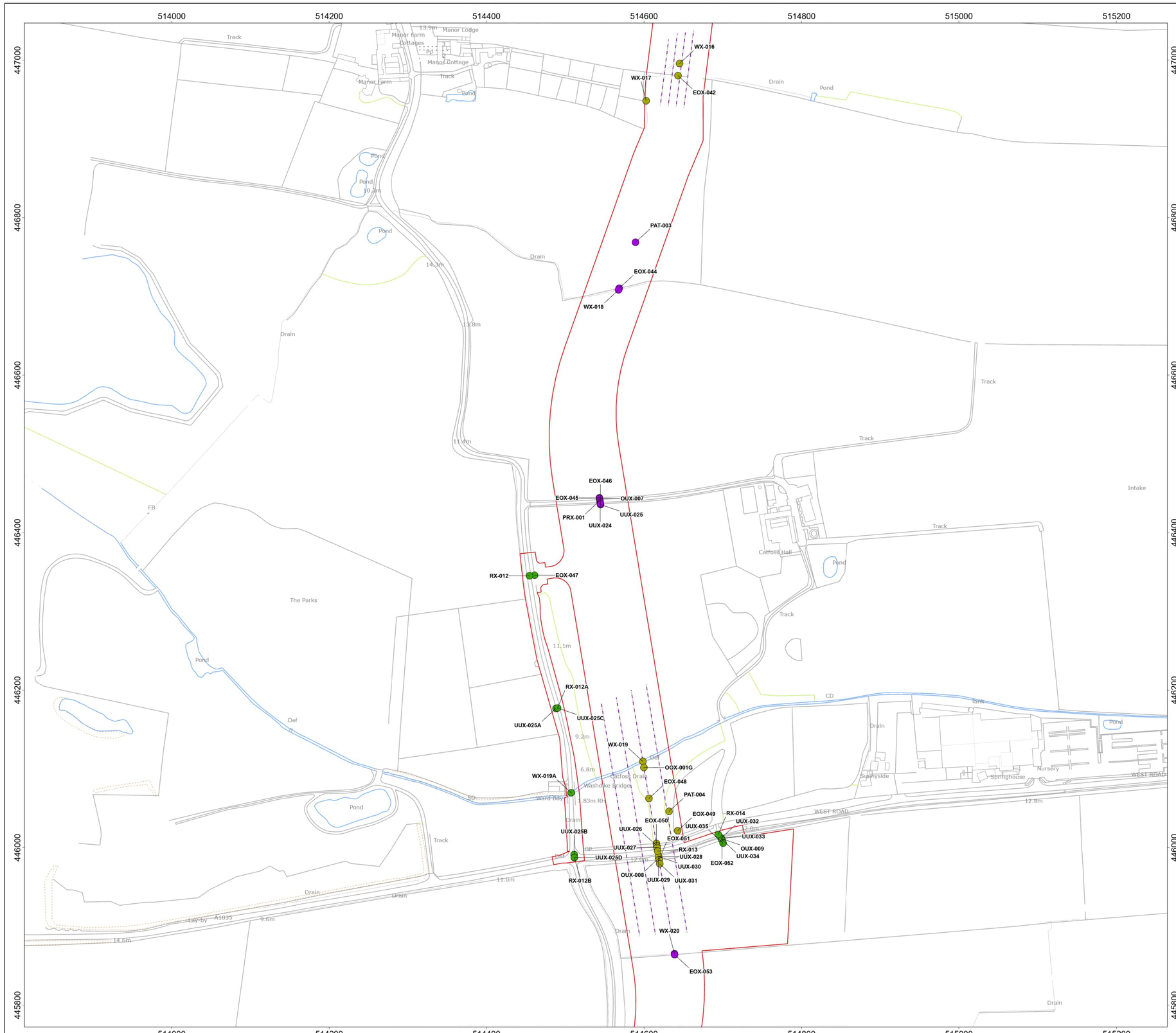
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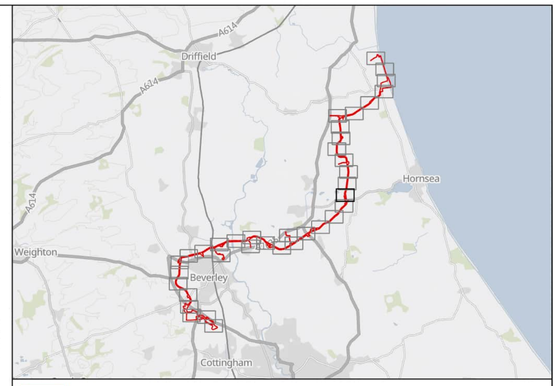
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PRJ	British National Grid		

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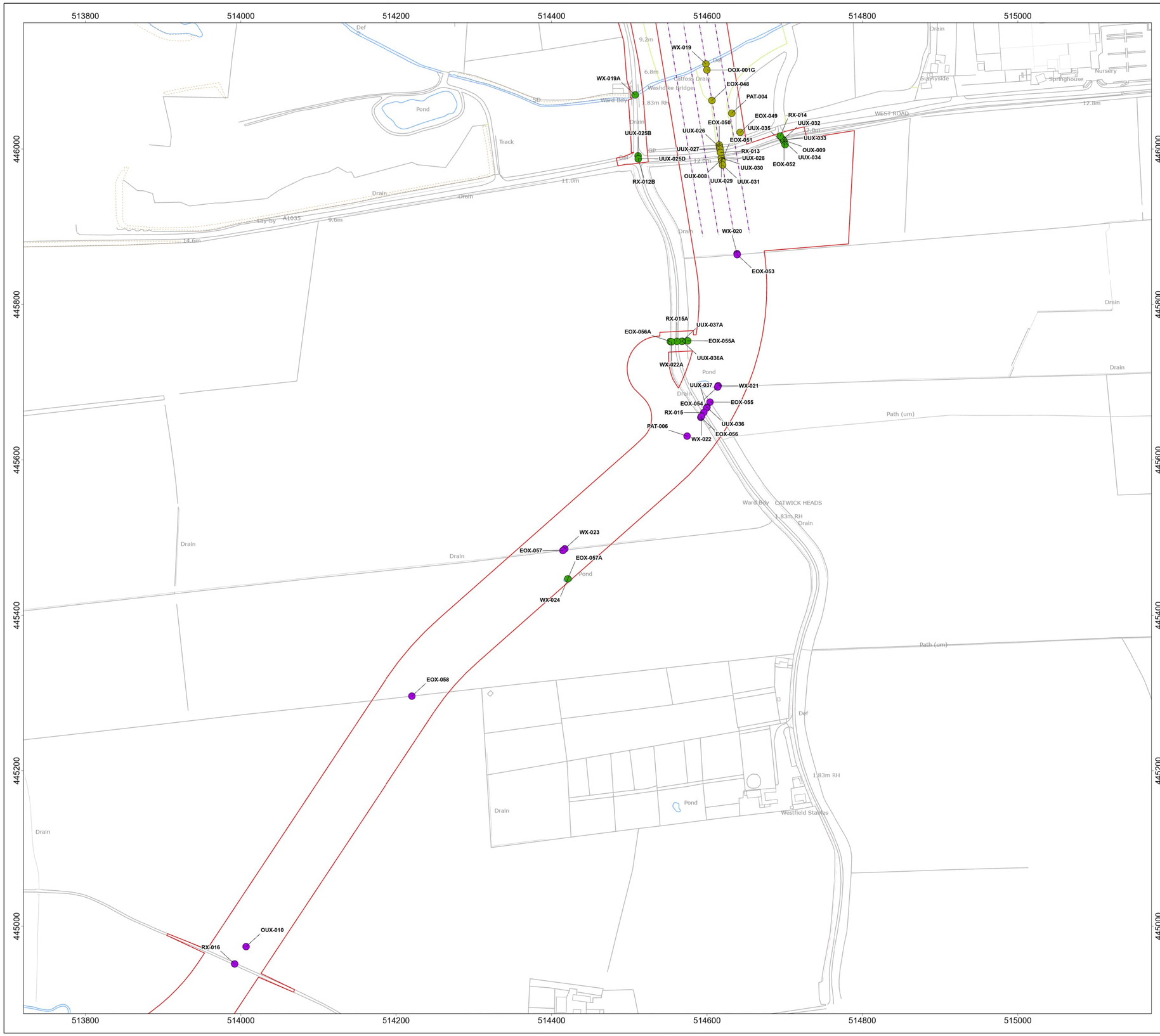
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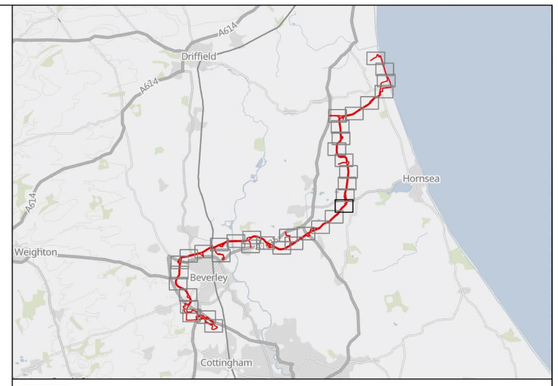
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Onshore Development Area

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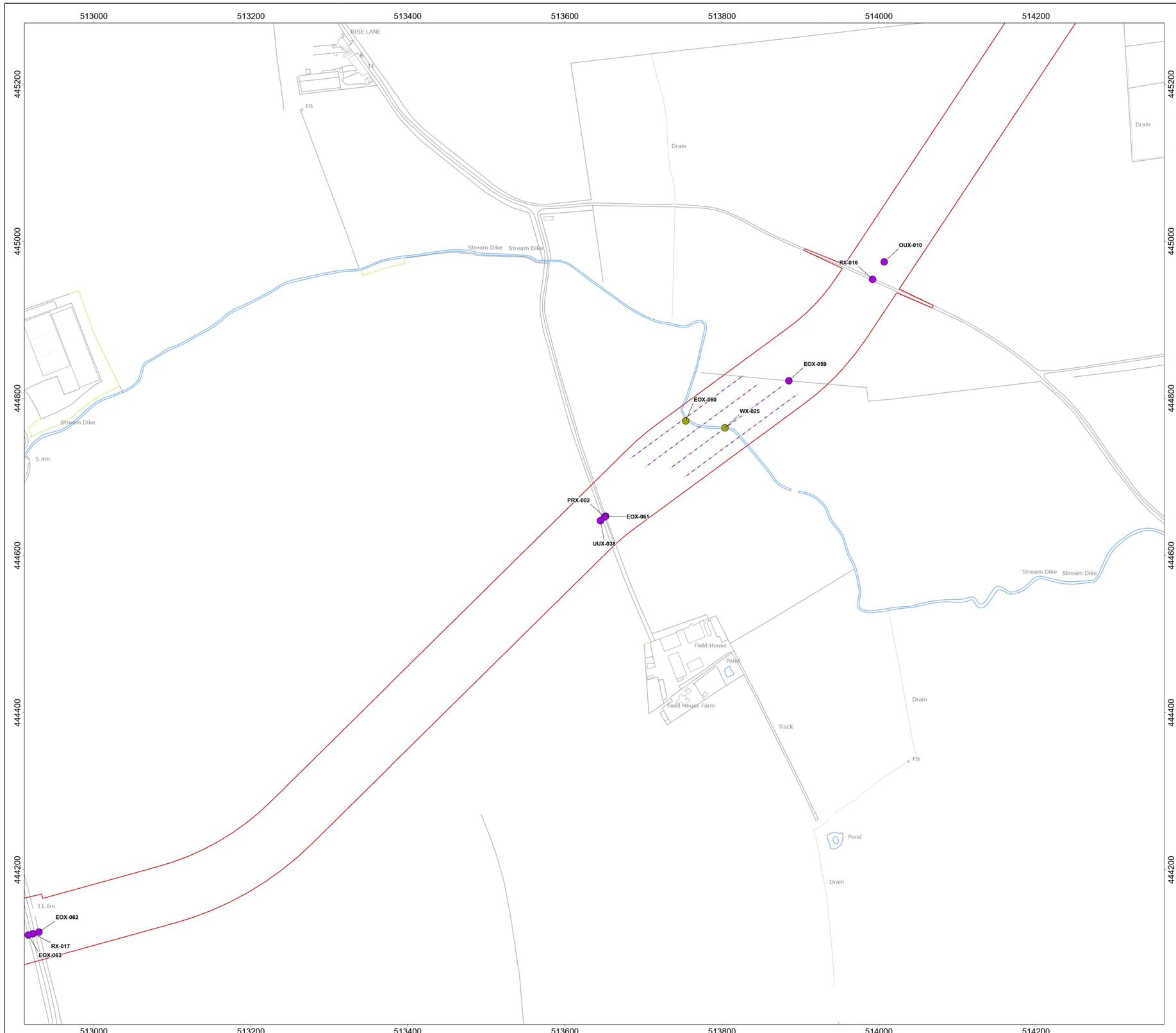
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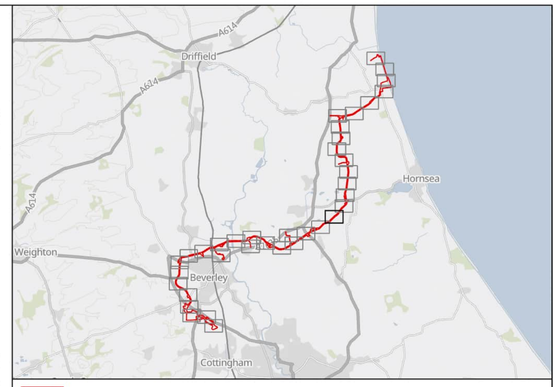
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DRAWING TITLE

Obstacle Crossings

DRAWING NUMBER: PC2340-RHD-ON-ZZ-DR-Z-0878

PAGE NUMBER: Page 16 of 37

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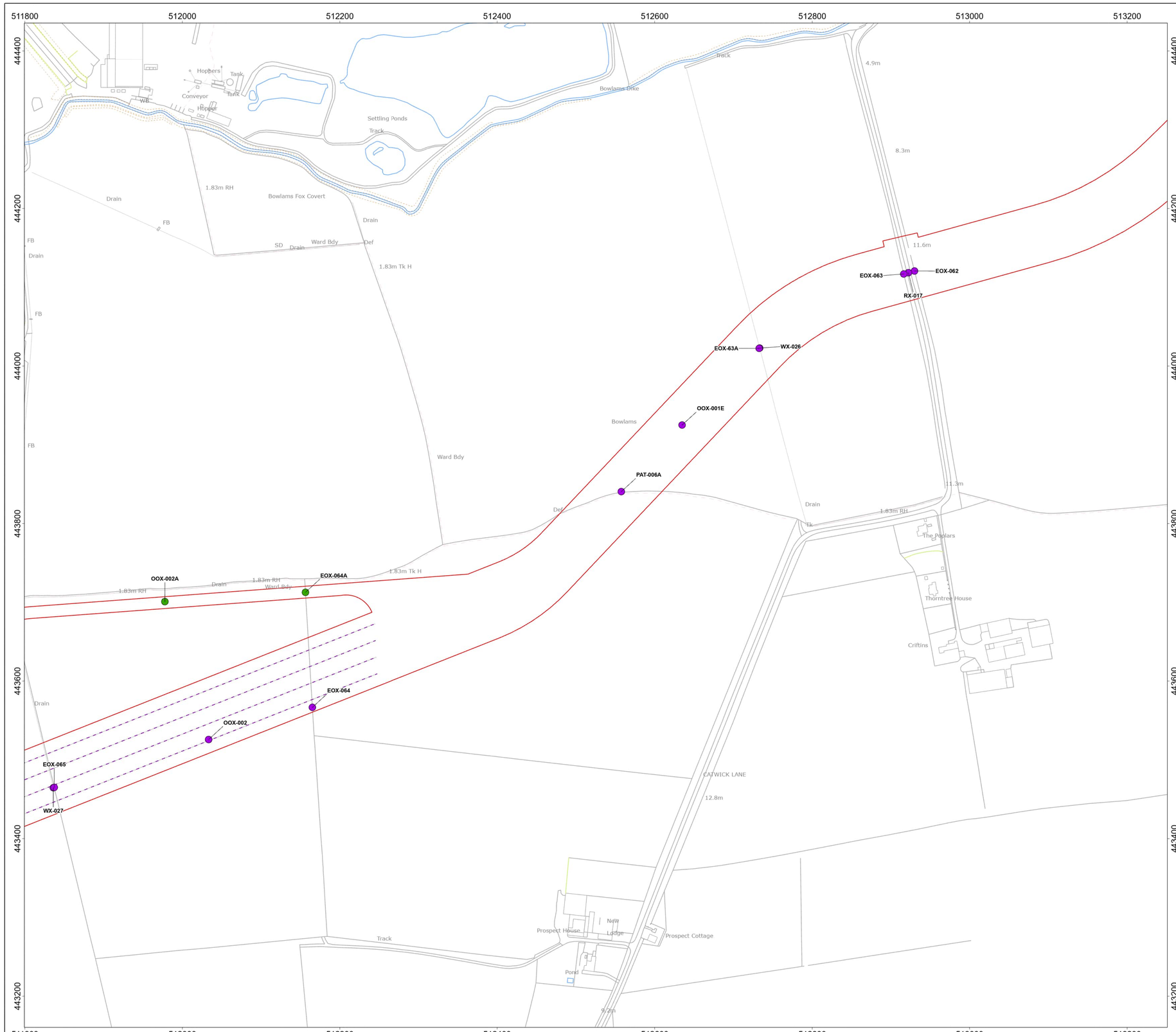
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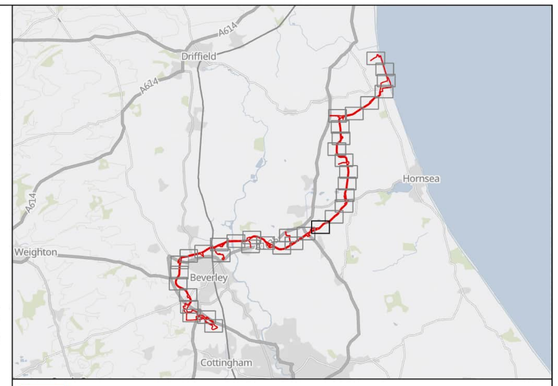
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Onshore Development Area

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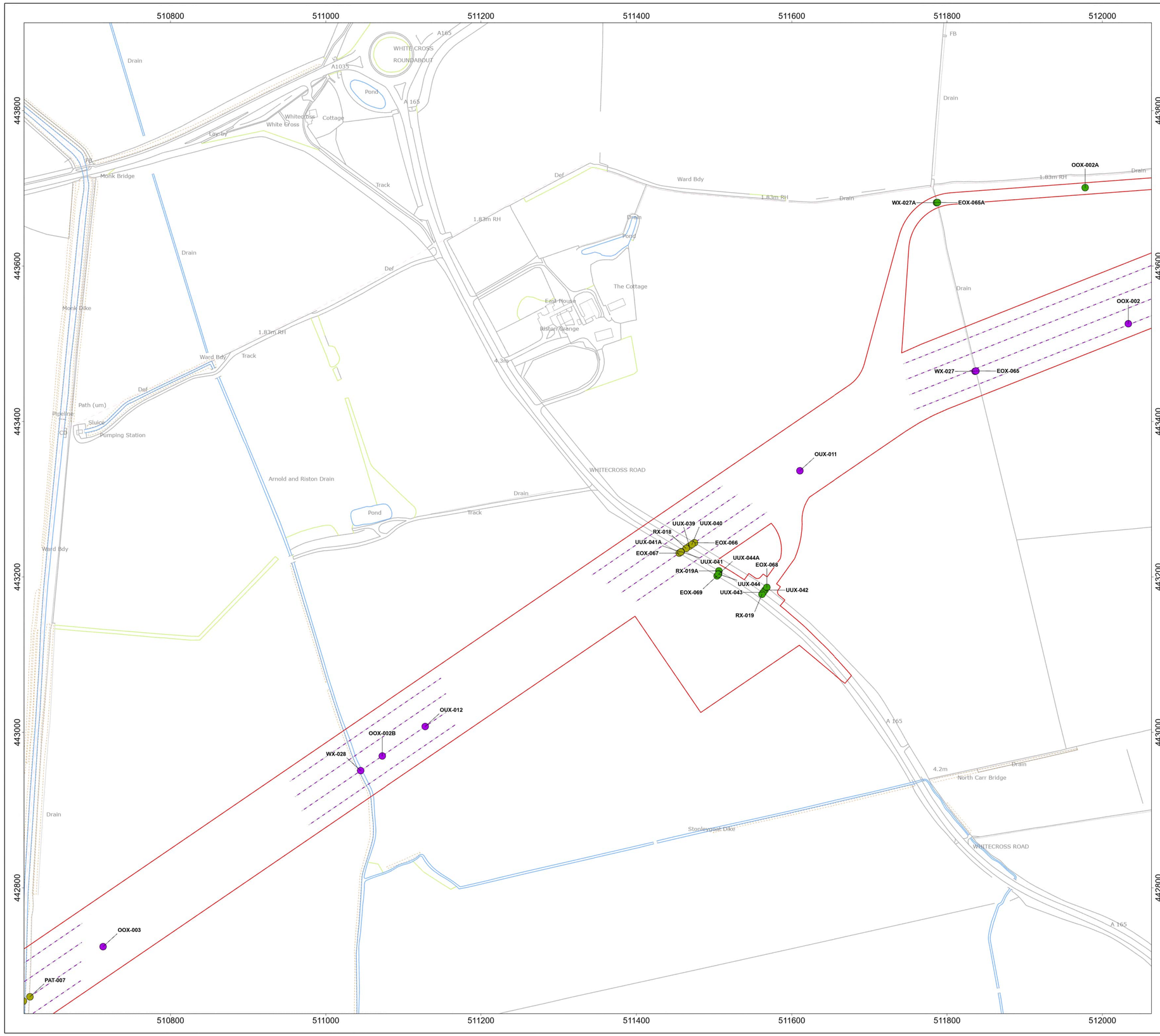
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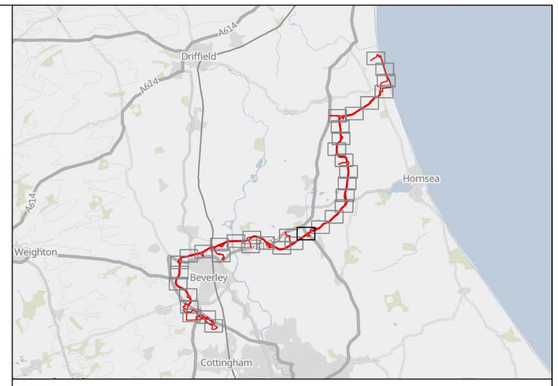
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Onshore Development Area

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Dogger Bank South Offshore Wind Farms

DRAWING TITLE

Obstacle Crossings

DRAWING NUMBER: **PC2340-RHD-ON-ZZ-DR-Z-0878**

PAGE NUMBER: **Page 18 of 37**

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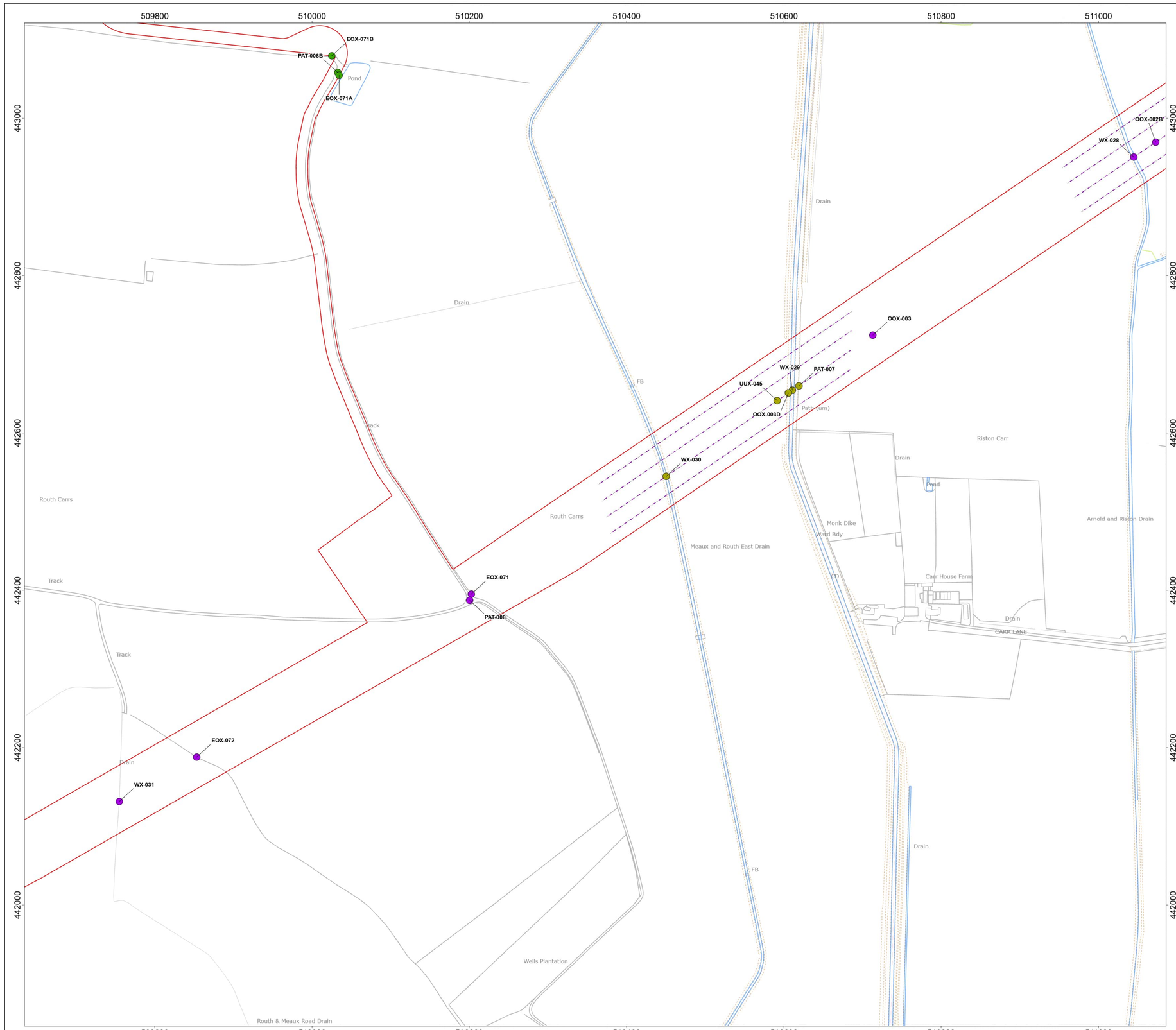
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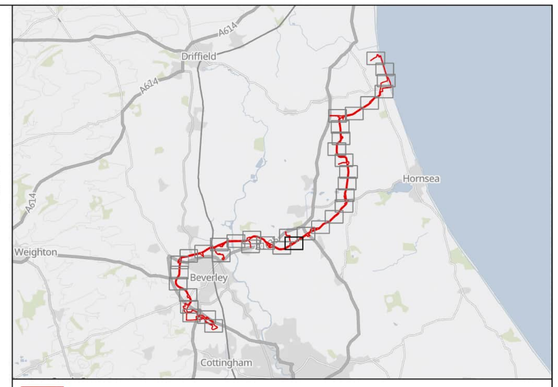
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Onshore Development Area

Trenching or Trenchless Crossing

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DRAWING TITLE

Obstacle Crossings

DRAWING NUMBER: PC2340-RHD-ON-ZZ-DR-Z-0878

PAGE NUMBER: Page 19 of 37

VER	DATE	REMARKS	DRAW	CHEK	APRD
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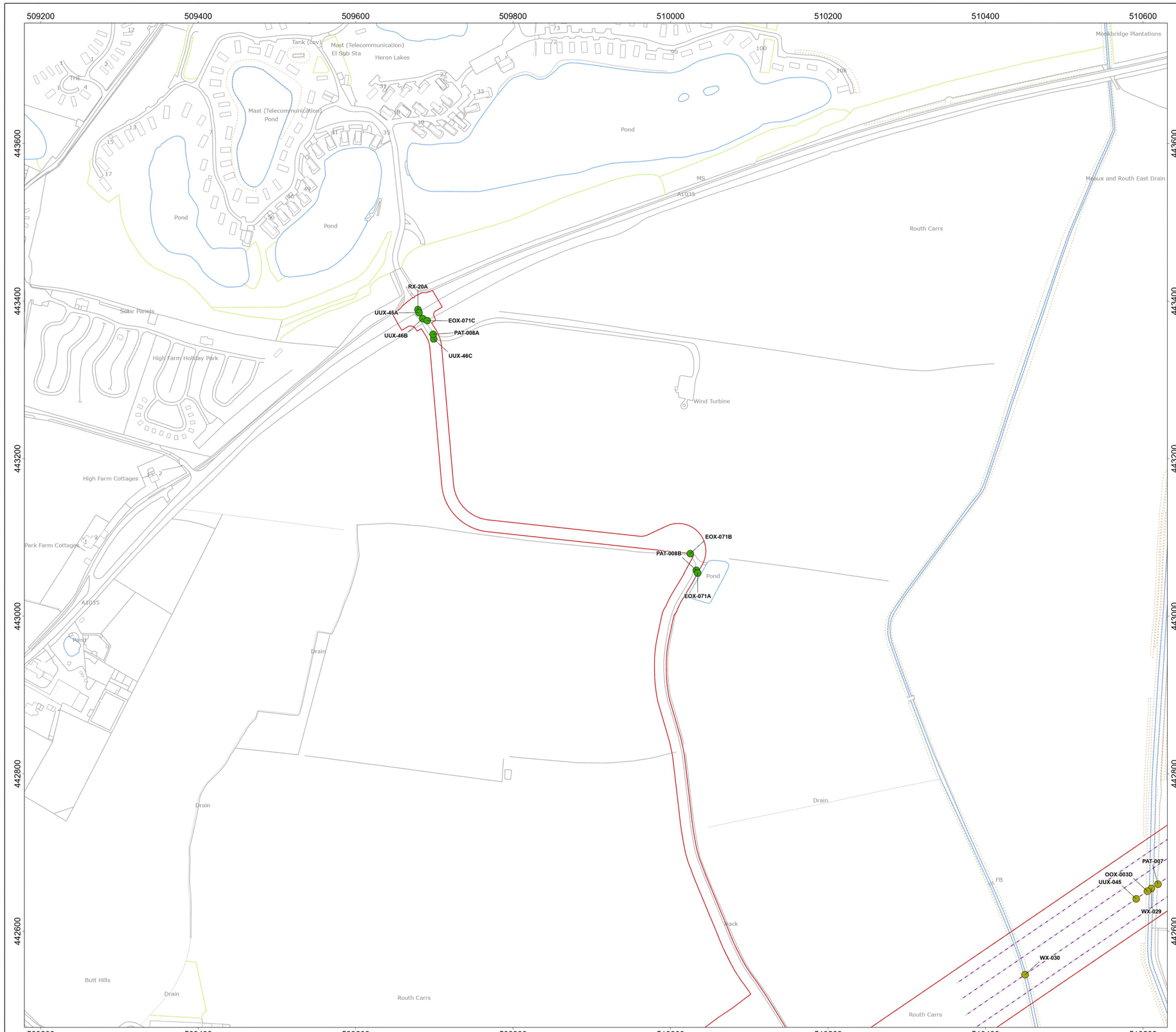
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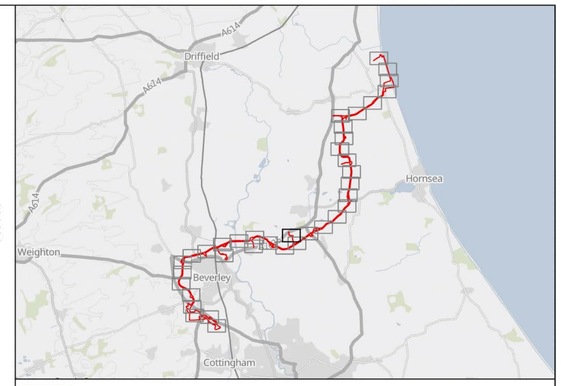
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Onshore Development Area

Trenching or Trenchless Crossing

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DRAWING TITLE

Obstacle Crossings

DRAWING NUMBER: **PC2340-RHD-ON-ZZ-DR-Z-0878**

PAGE NUMBER: **Page 20 of 37**

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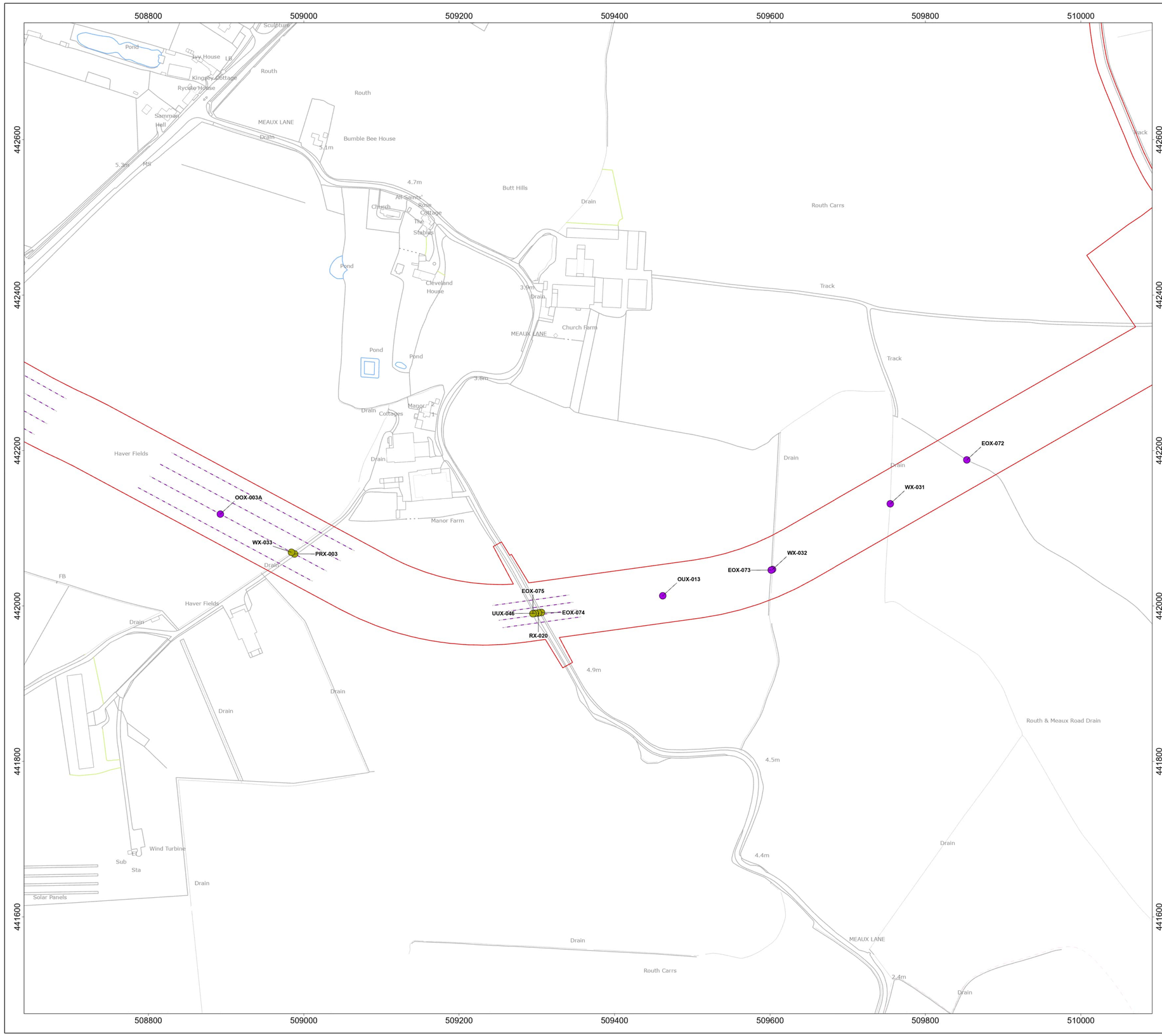
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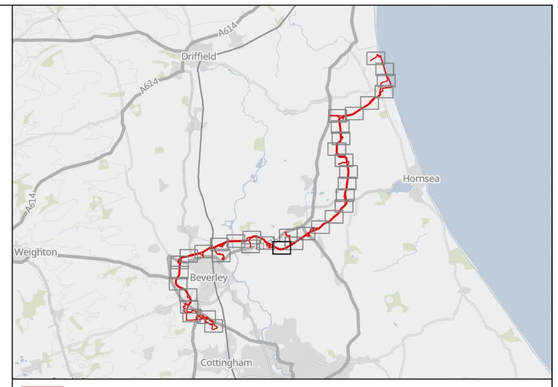
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Onshore Development Area

Trenching or Trenchless Crossing

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Obstacle Crossings

DRAWING NUMBER: PC2340-RHD-ON-ZZ-DR-Z-0878

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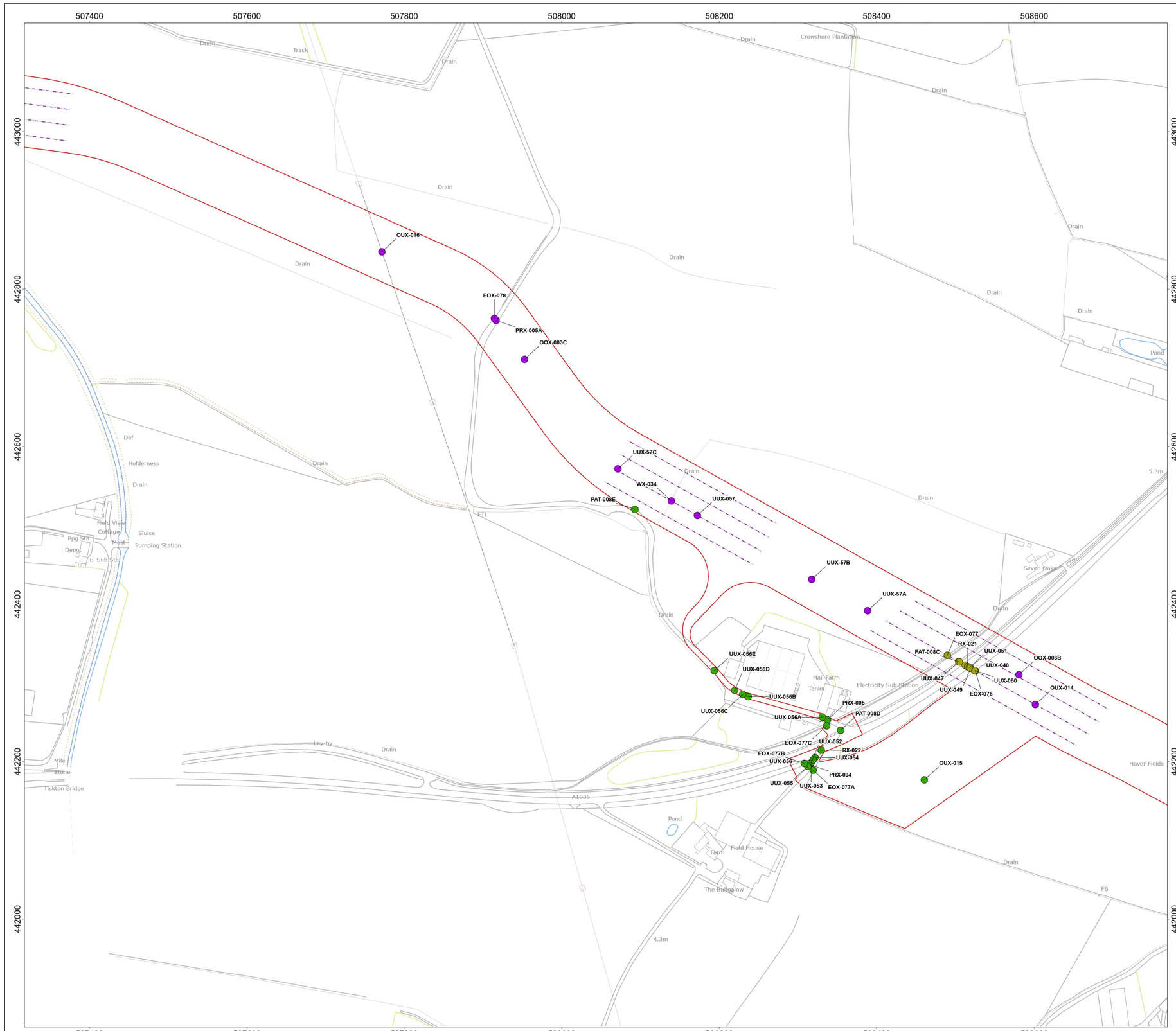
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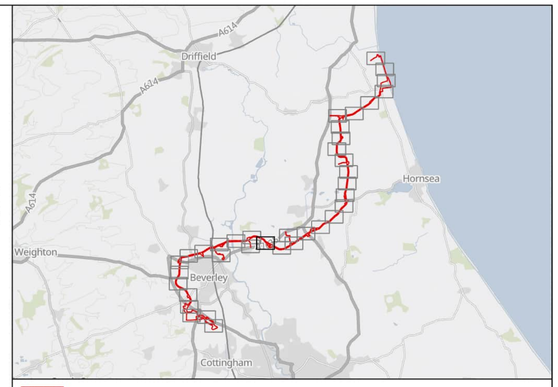
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PAGE NUMBER: Page 22 of 37

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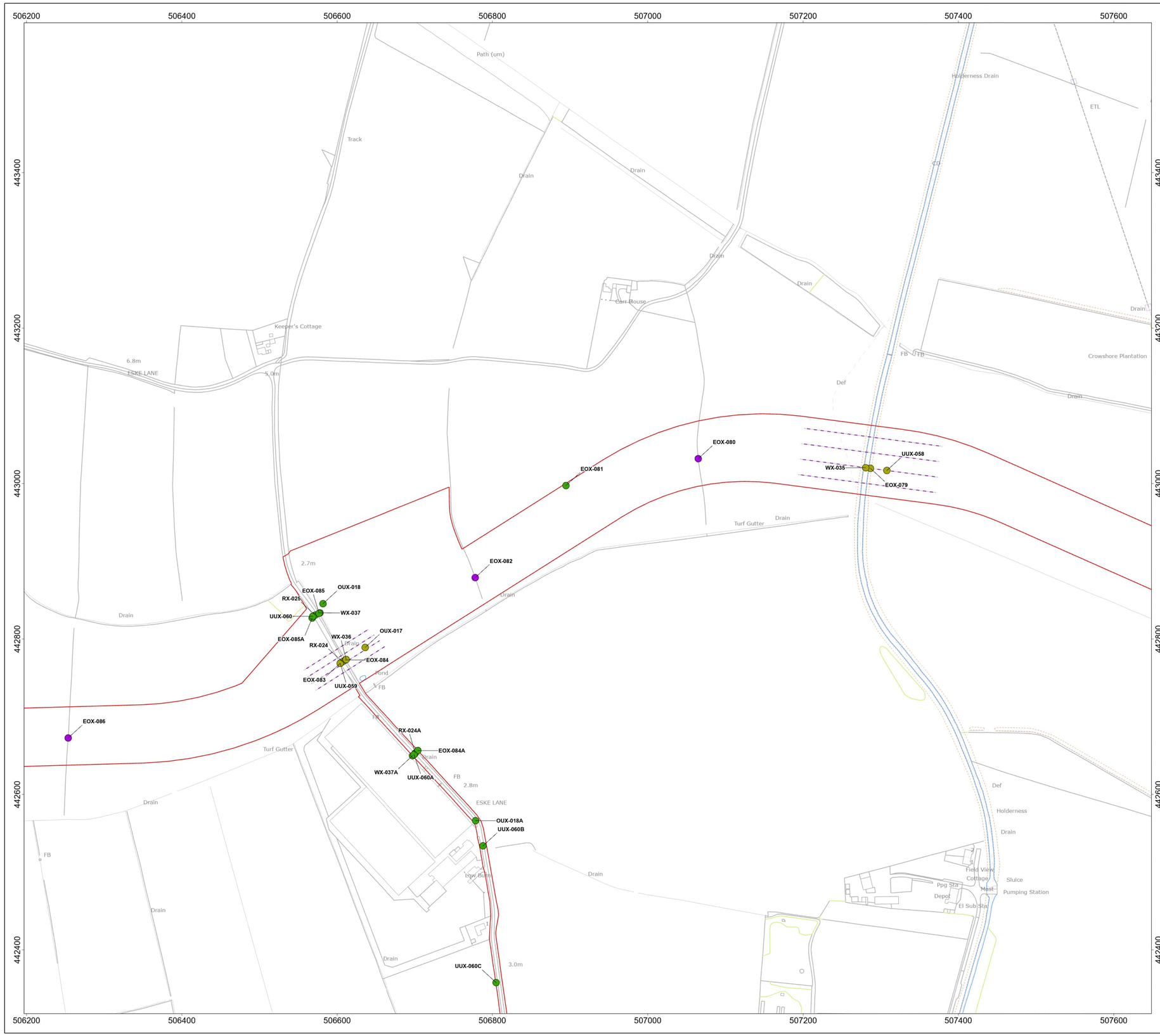
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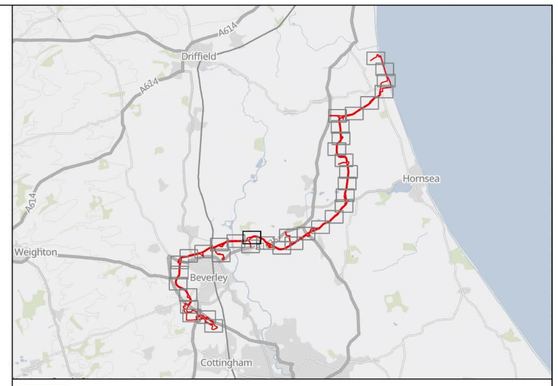
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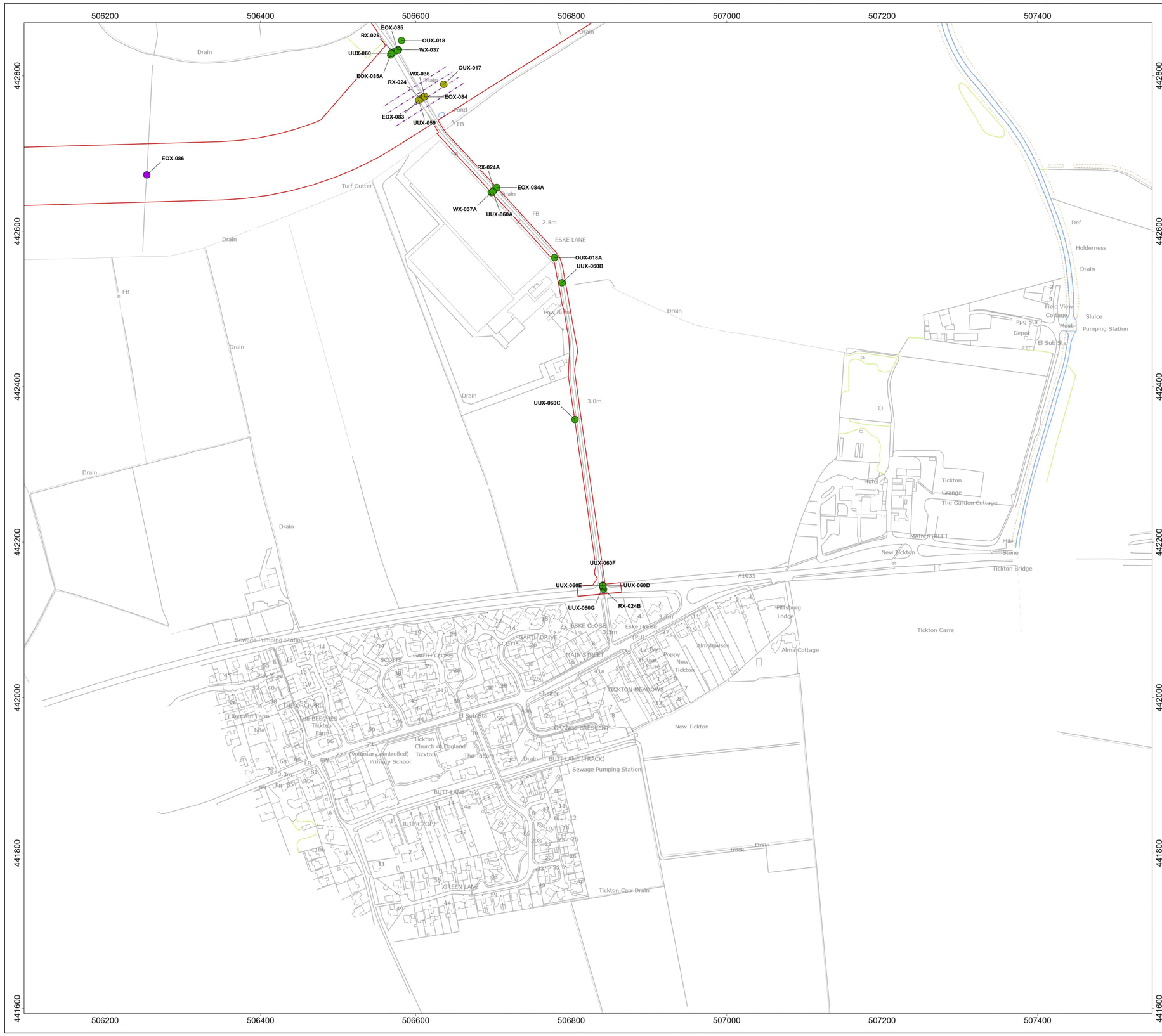
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DATUM OSGB 1936 VERTICAL REF N/A
PRJ British National Grid

Royal HaskoningDHV
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Onshore Development Area

Trenching or Trenchless Crossing

- Either option available
- Off route haul road crossing
- Trenchless crossing
- Indicative Trenchless Crossing Alignment

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PROJECT TITLE

Dogger Bank South Offshore Wind Farms

DRAWING TITLE

Obstacle Crossings

DRAWING NUMBER: **PC2340-RHD-ON-ZZ-DR-Z-0878**

PAGE NUMBER: **Page 24 of 37**

VER	DATE	REMARKS	DRAW	CHEK	APRD
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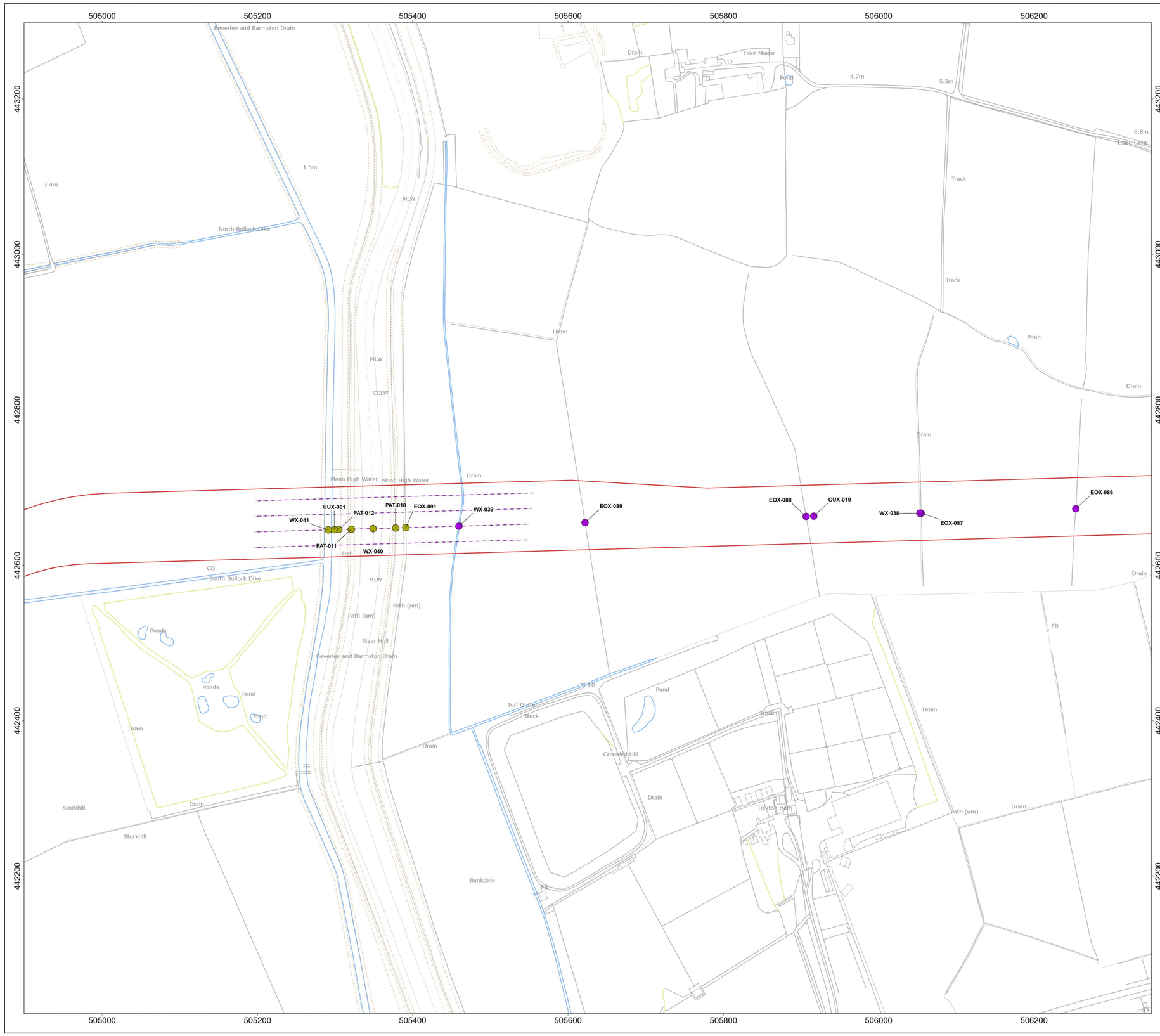
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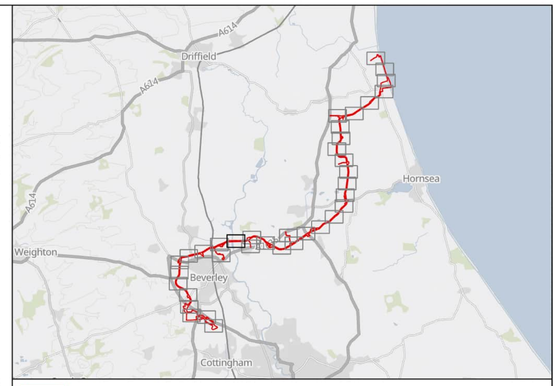
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PRJ British National Grid

Royal HaskoningDHV
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Onshore Development Area

Trenching or Trenchless Crossing

- Either option available
- Trenchless crossing
- Indicative Trenchless Crossing Alignment

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DRAWING TITLE

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DRAWING NUMBER: PC2340-RHD-ON-ZZ-DR-Z-0878

PAGE NUMBER: Page 25 of 37

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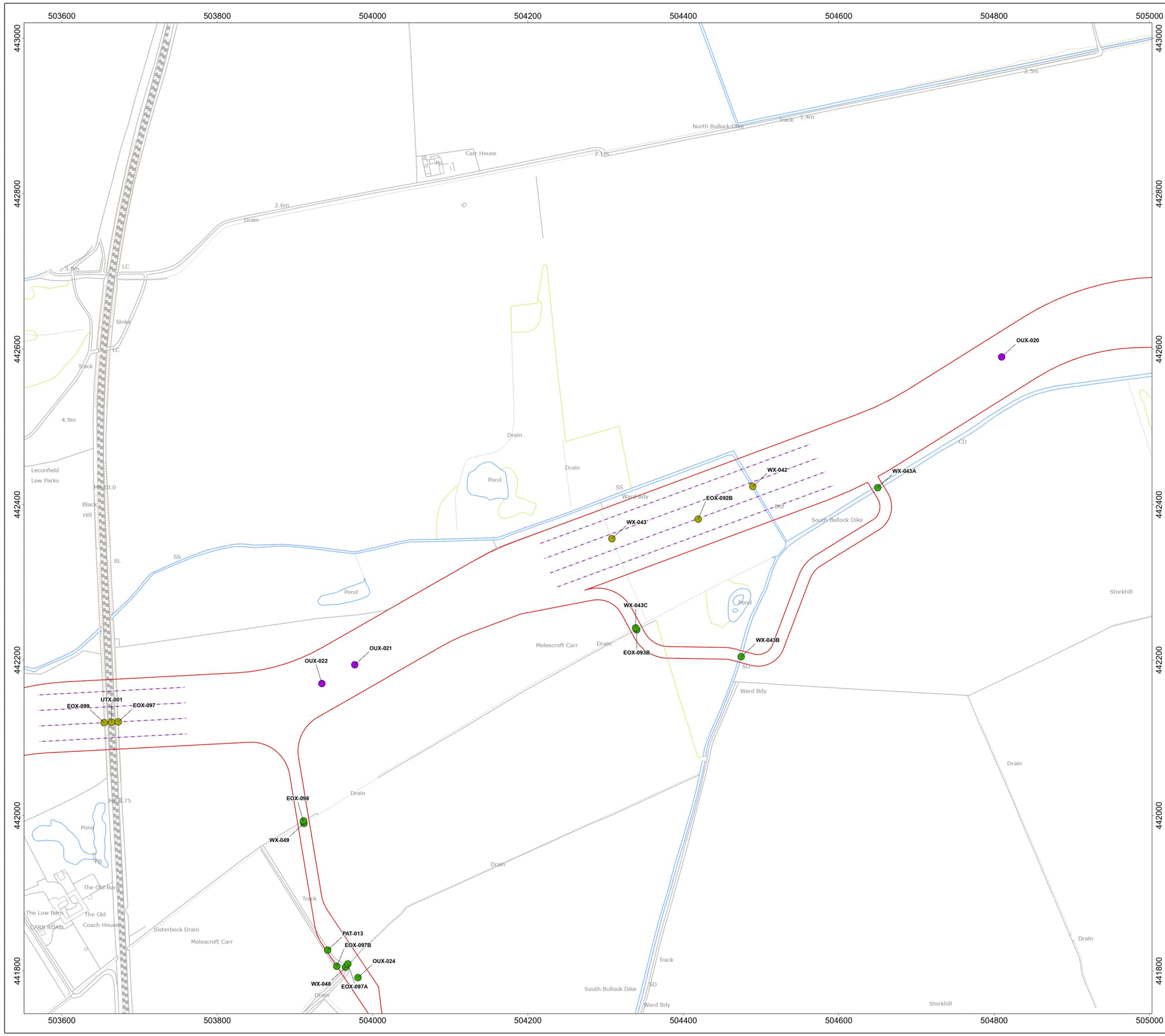
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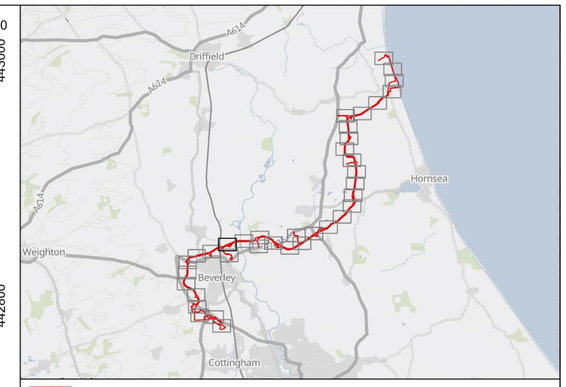
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PRJ British National Grid

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Onshore Development Area

Trenching or Trenchless Crossing

- Either option available
- Off route haul road crossing
- Trenchless crossing
- Indicative Trenchless Crossing Alignment

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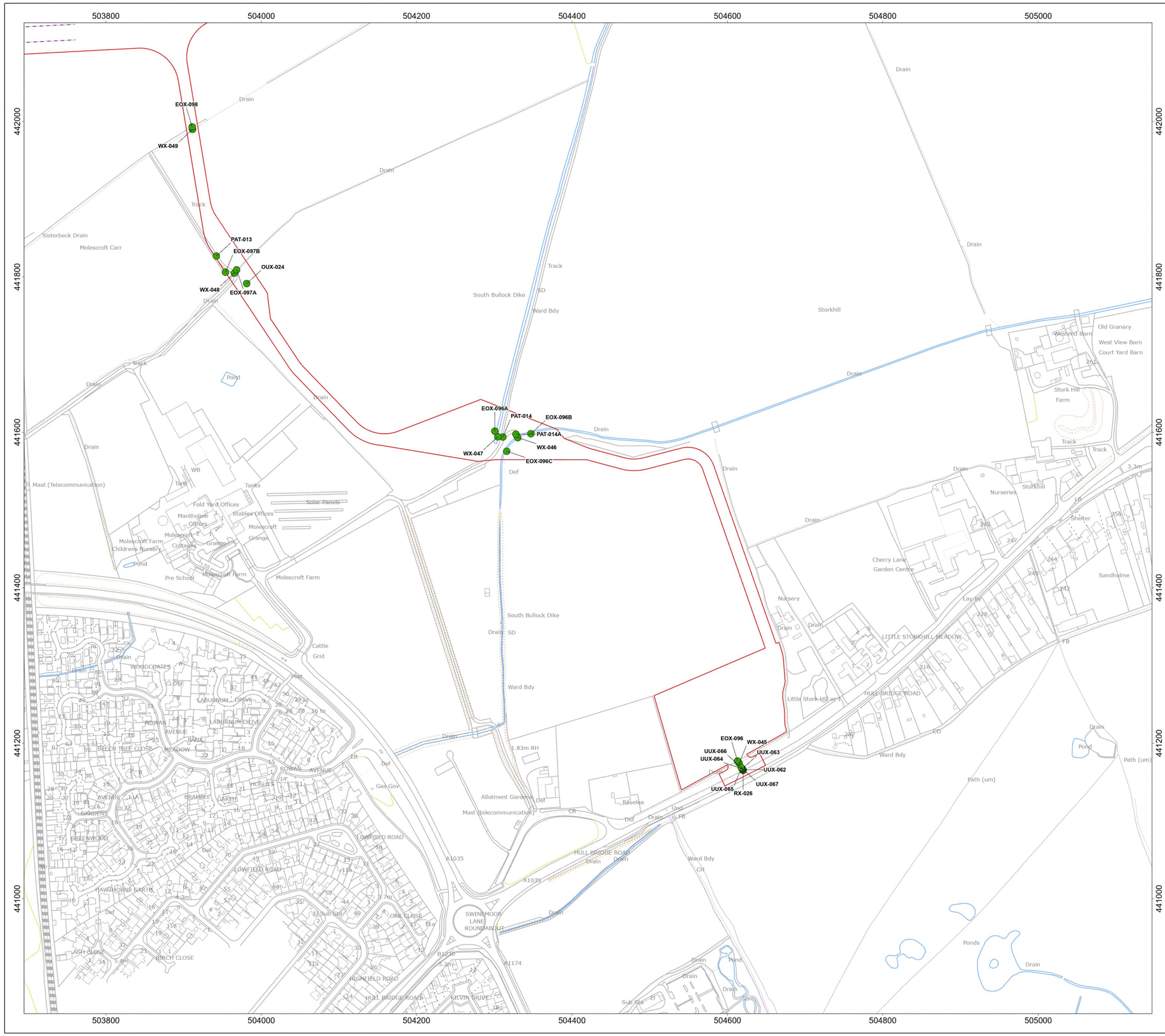
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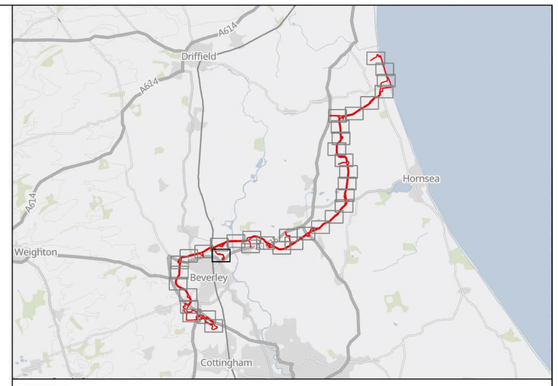
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PRJ British National Grid

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Onshore Development Area

Trenching or Trenchless Crossing

- Off route haul road crossing
- Indicative Trenchless Crossing Alignment

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Obstacle Crossings

DRAWING NUMBER: PC2340-RHD-ON-ZZ-DR-Z-0878

PAGE NUMBER: Page 27 of 37

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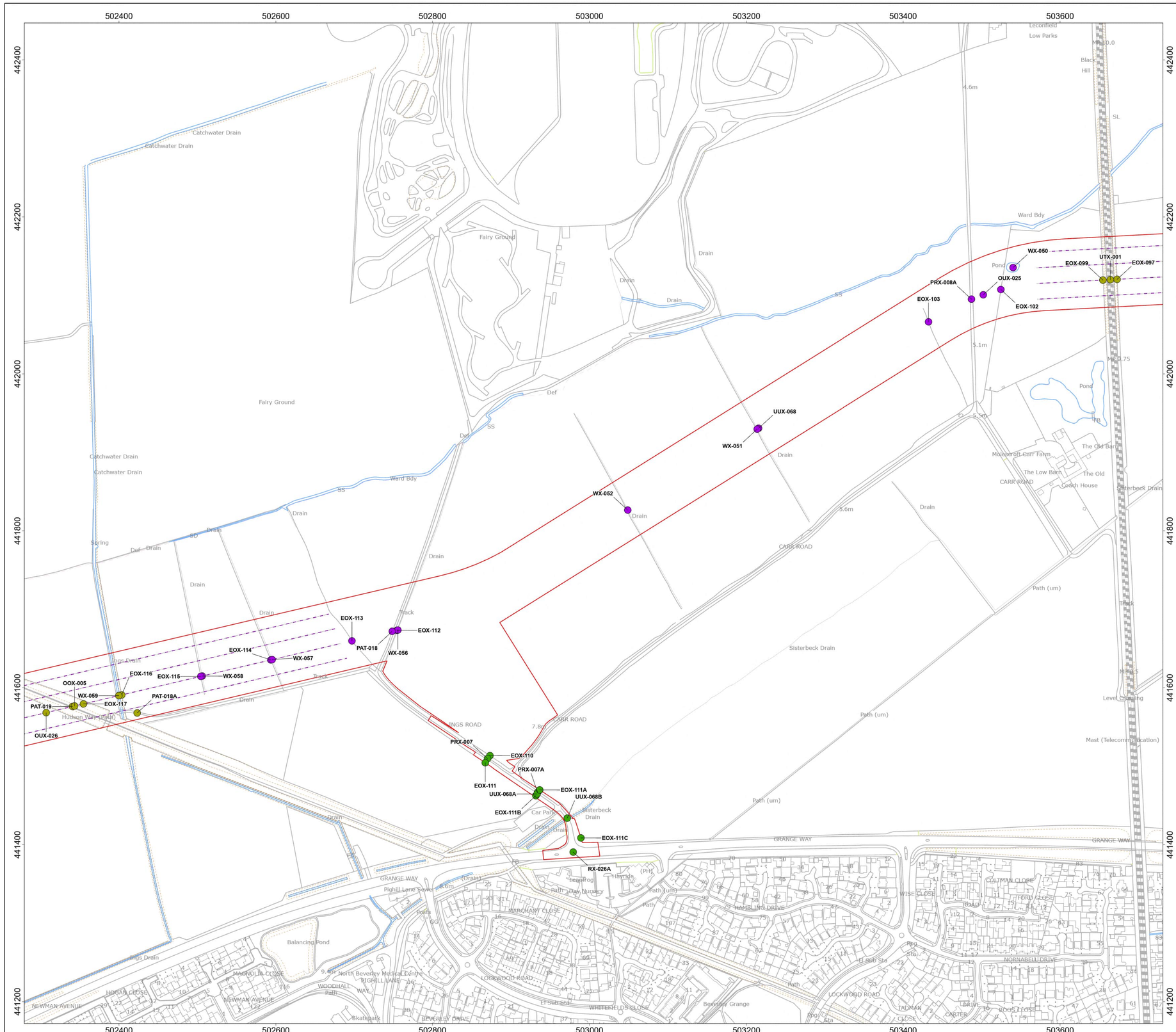
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DATUM OSGB 1936 VERTICAL REF N/A
PRJ British National Grid

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Onshore Development Area

Trenching or Trenchless Crossing

- Either option available
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- Trenchless crossing
- Indicative Trenchless Crossing Alignment

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DRAWING TITLE

Obstacle Crossings

DRAWING NUMBER: **PC2340-RHD-ON-ZZ-DR-Z-0878**

PAGE NUMBER: **Page 28 of 37**

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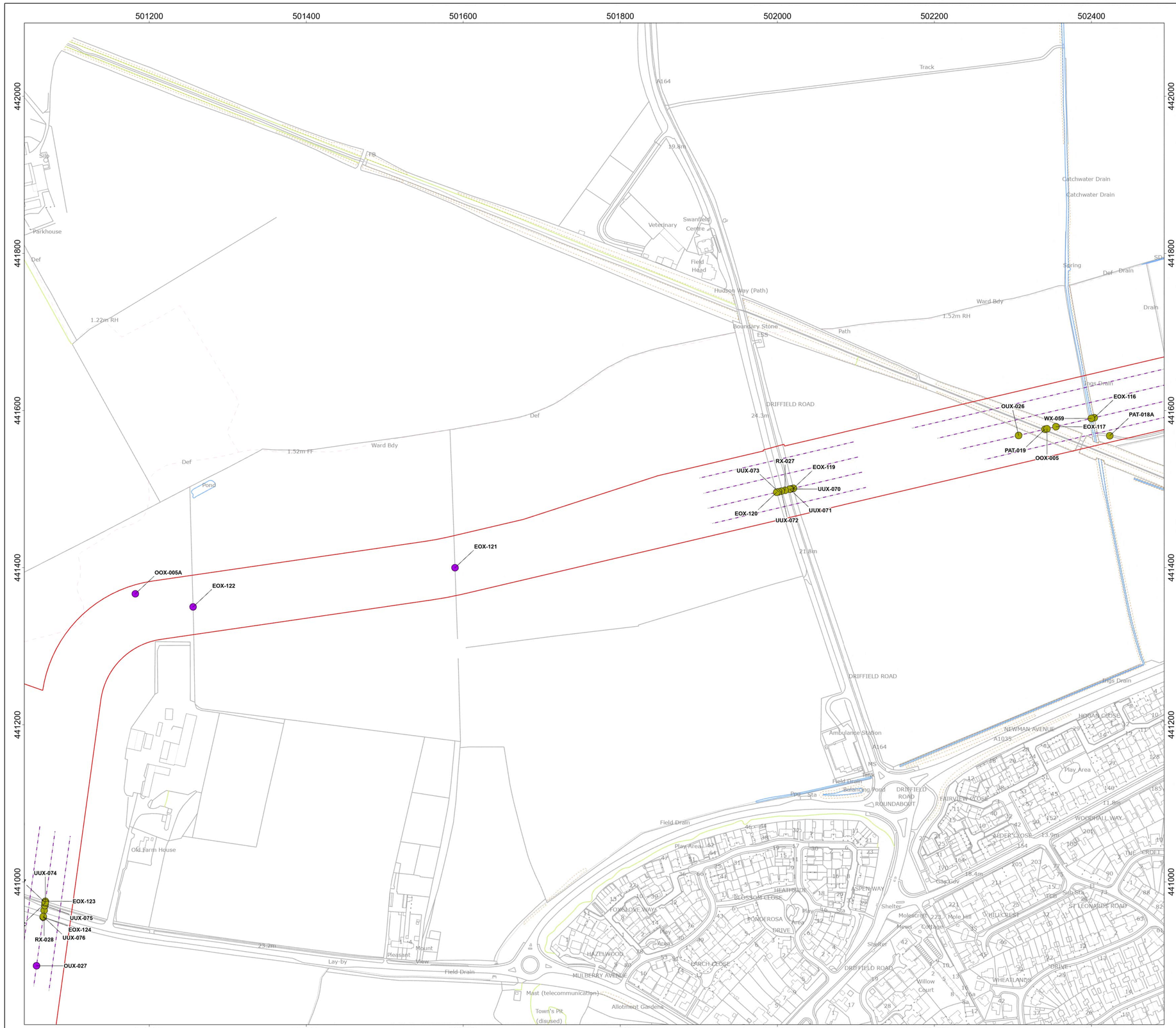
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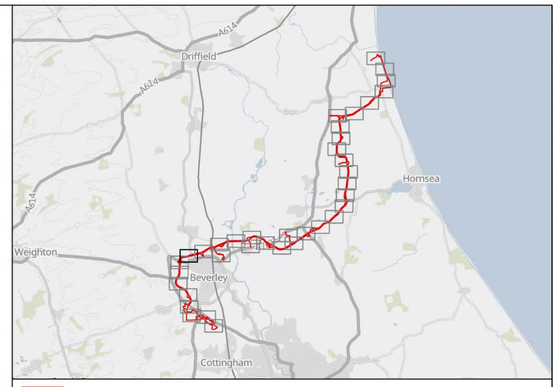
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SCALE	1:2,500	PLOT SIZE	A1
DATUM	OSGB 1936	VERTICAL REF	N/A
PRJ	British National Grid		

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Onshore Development Area

Trenching or Trenchless Crossing

- Either option available
- Trenchless crossing
- Indicative Trenchless Crossing Alignment

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Obstacle Crossings

DRAWING NUMBER: **PC2340-RHD-ON-ZZ-DR-Z-0878**

PAGE NUMBER: **Page 29 of 37**

VER	DATE	REMARKS	DRAW	CHEK	APRD
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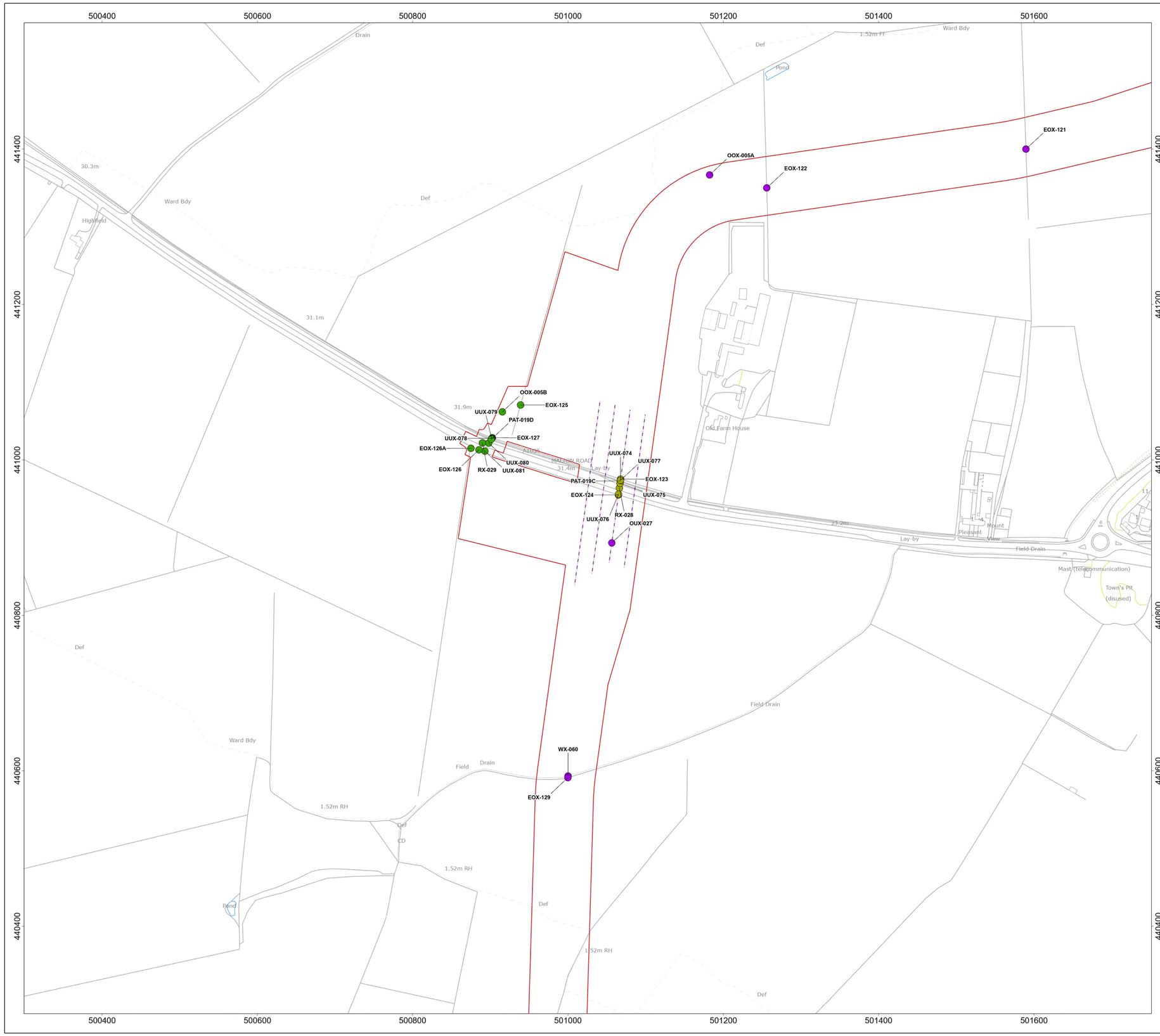
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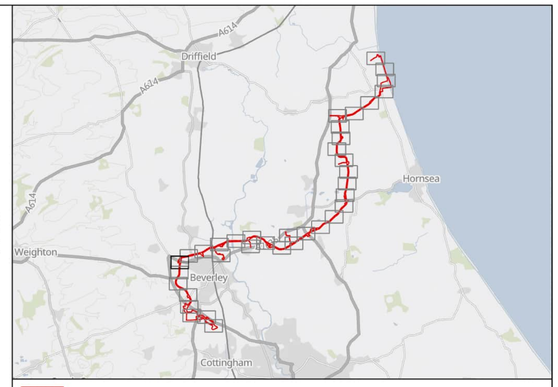
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PRJ British National Grid

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Onshore Development Area

Trenching or Trenchless Crossing

- Either option available
- Off route haul road crossing
- Trenchless crossing
- Indicative Trenchless Crossing Alignment

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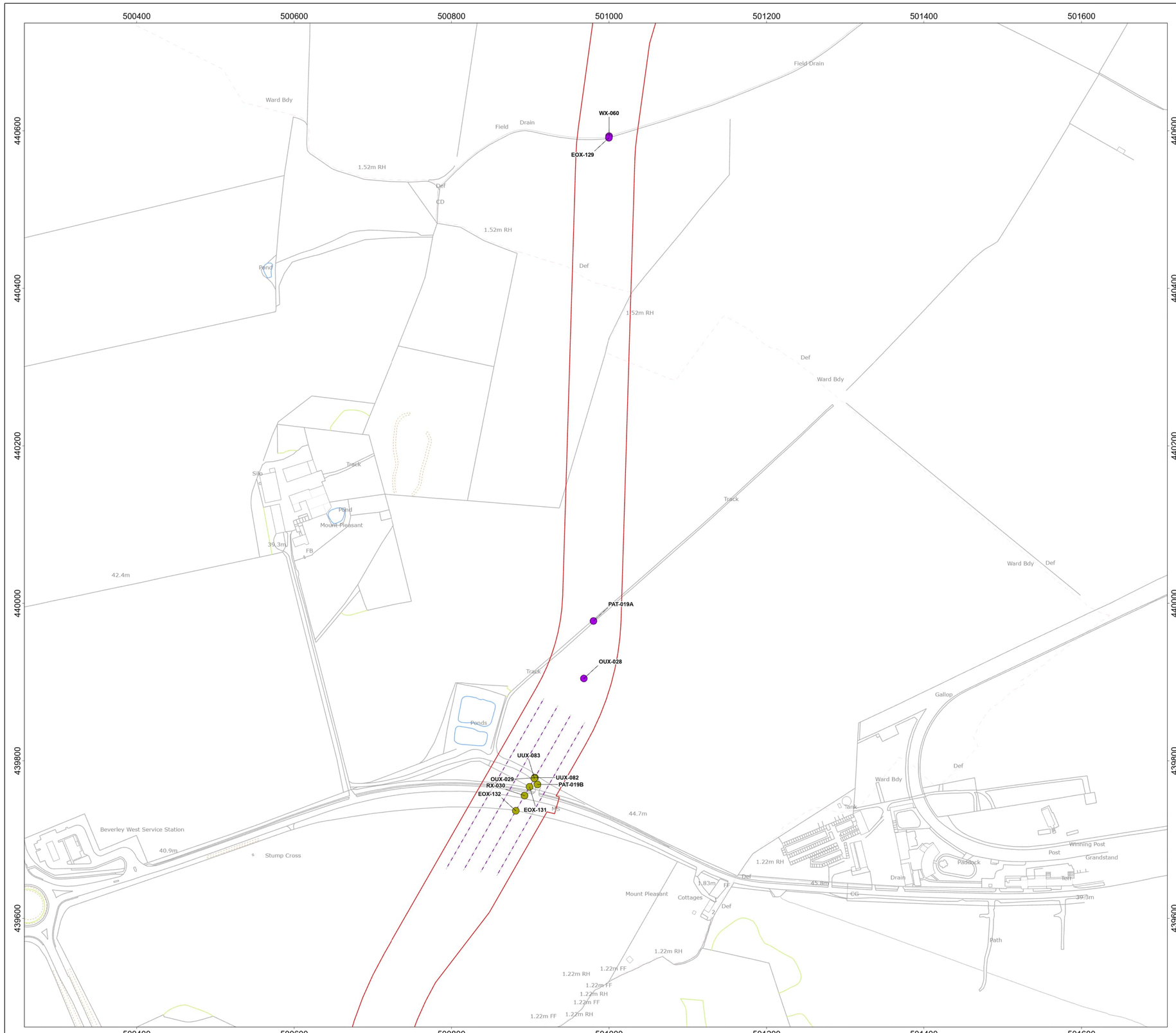
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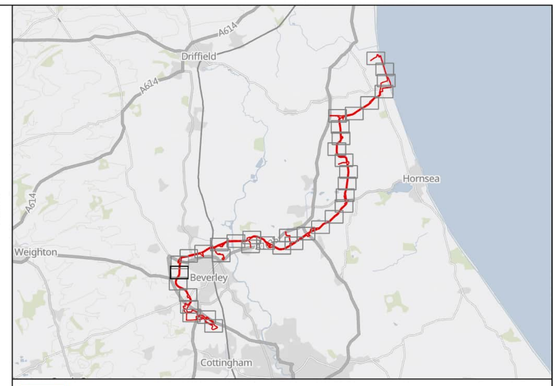
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PRJ	British National Grid		

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Onshore Development Area

Trenching or Trenchless Crossing

- Either option available
- Trenchless crossing
- Indicative Trenchless Crossing Alignment

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Dogger Bank South Offshore Wind Farms

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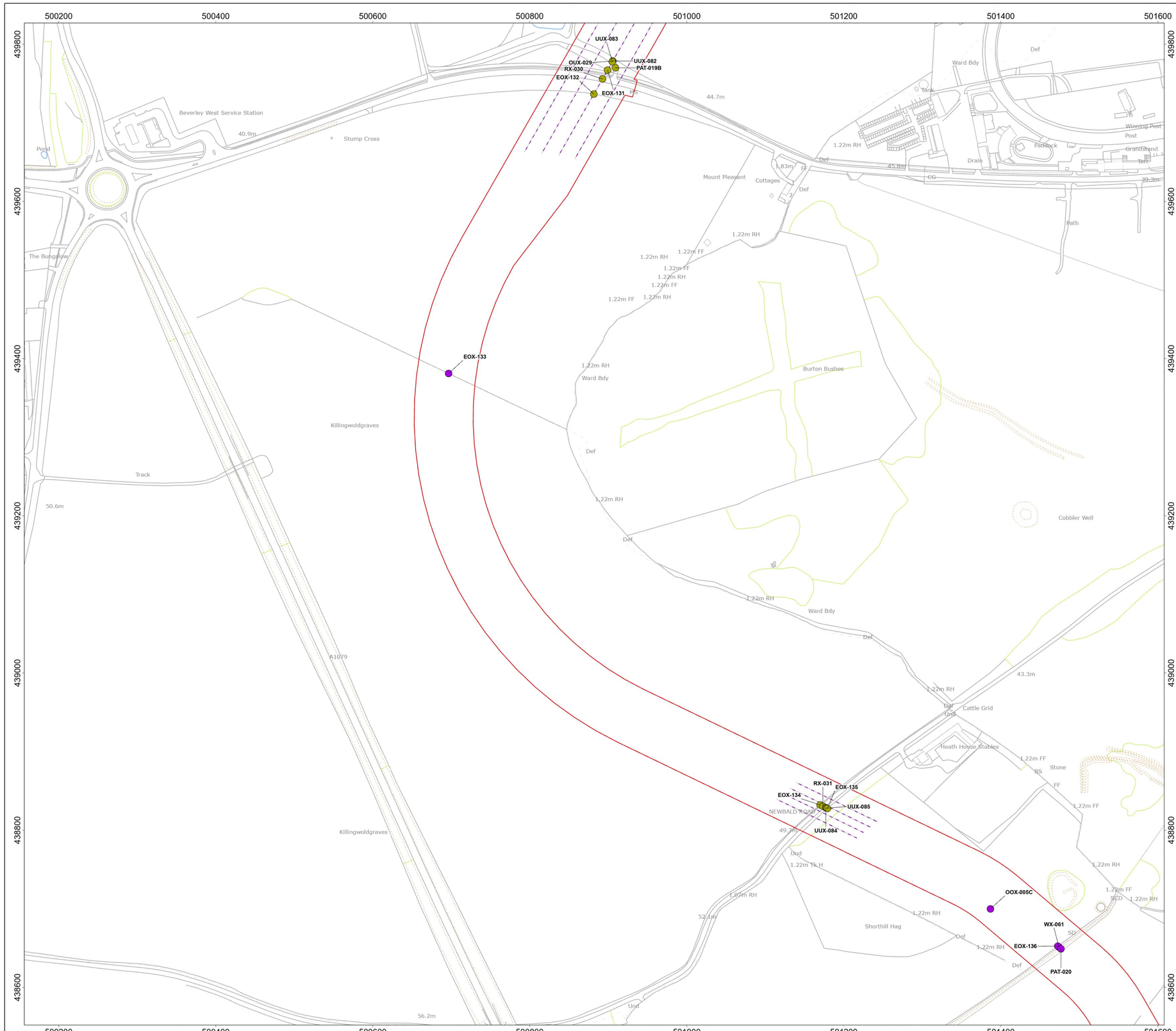
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DATUM	OSGB 1936	VERTICAL REF	N/A
PRJ	British National Grid		

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Onshore Development Area

Trenching or Trenchless Crossing

- Either option available
- Trenchless crossing
- Indicative Trenchless Crossing Alignment

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PROJECT TITLE

Dogger Bank South Offshore Wind Farms

DRAWING TITLE

Obstacle Crossings

DRAWING NUMBER: PC2340-RHD-ON-ZZ-DR-Z-0878

PAGE NUMBER: Page 32 of 37

VER	DATE	REMARKS	DRAW	CHEK	APRD
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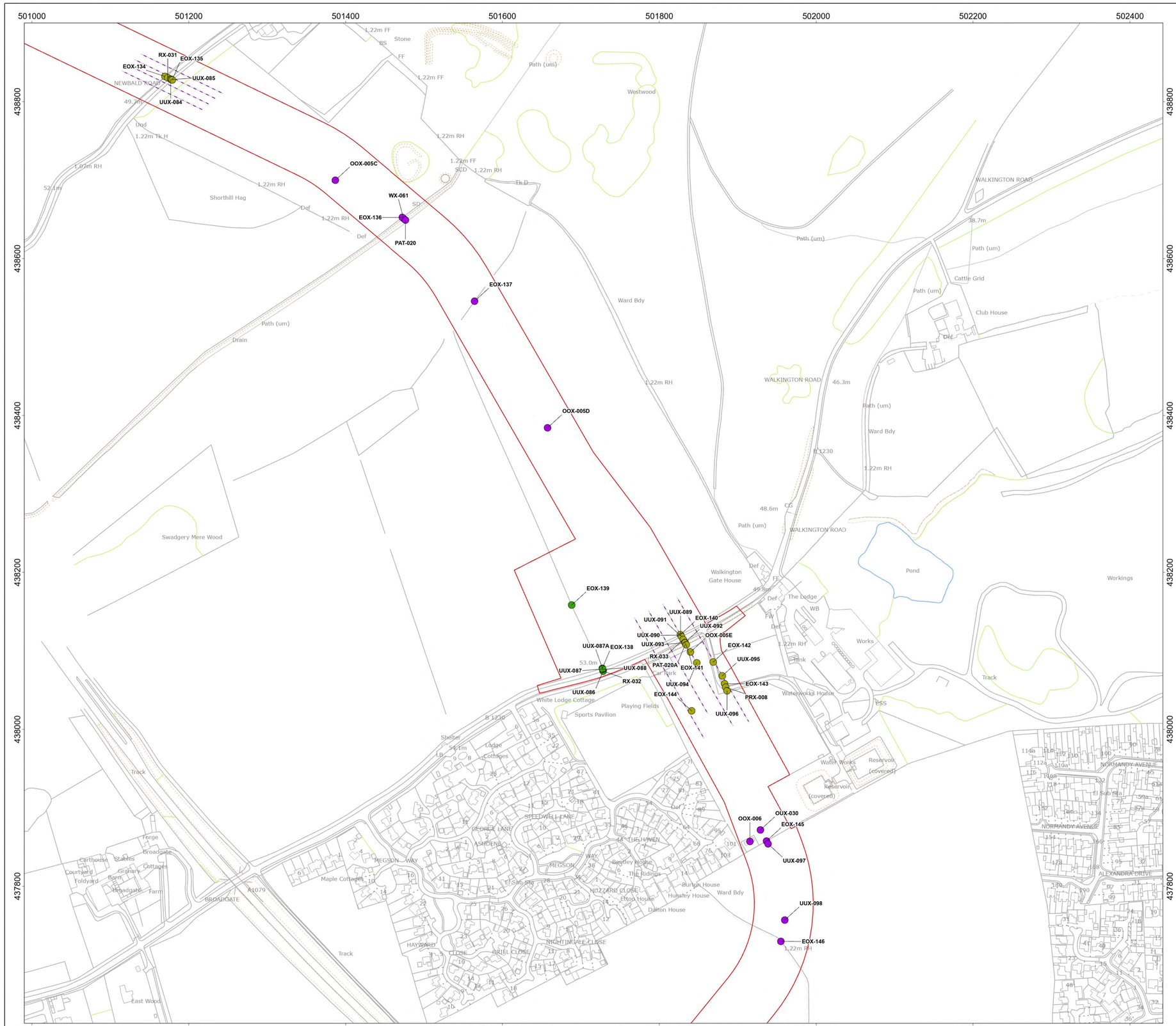
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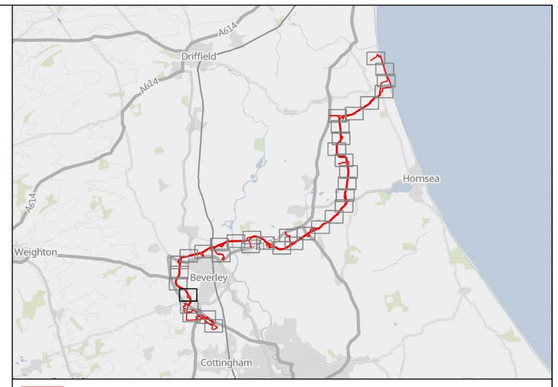
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PRJ British National Grid

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Onshore Development Area

Trenching or Trenchless Crossing

- Either option available
- Off route haul road crossing
- Trenchless crossing
- Indicative Trenchless Crossing Alignment

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PROJECT TITLE

Dogger Bank South Offshore Wind Farms

DRAWING TITLE

Obstacle Crossings

DRAWING NUMBER: **PC2340-RHD-ON-ZZ-DR-Z-0878**

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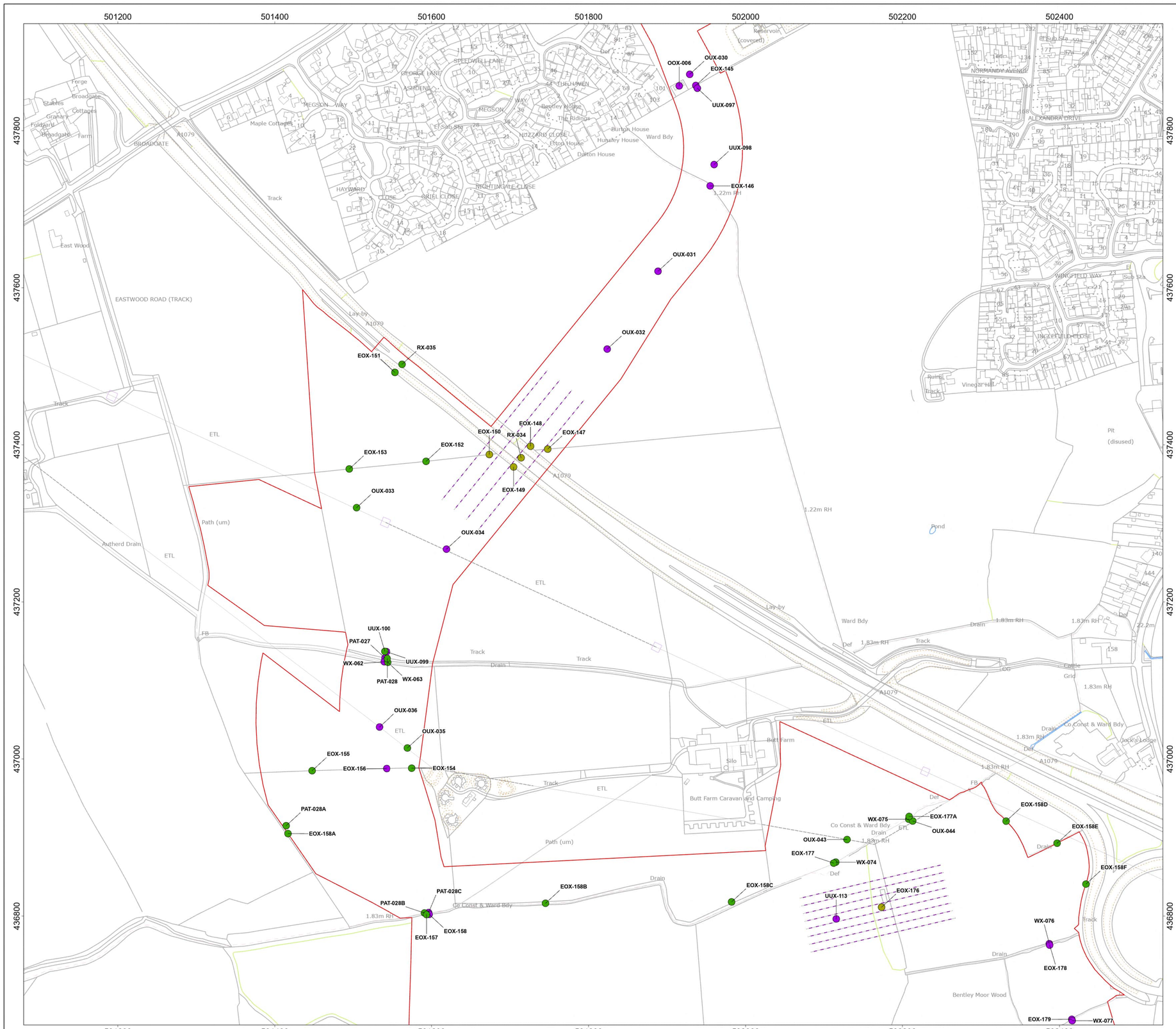
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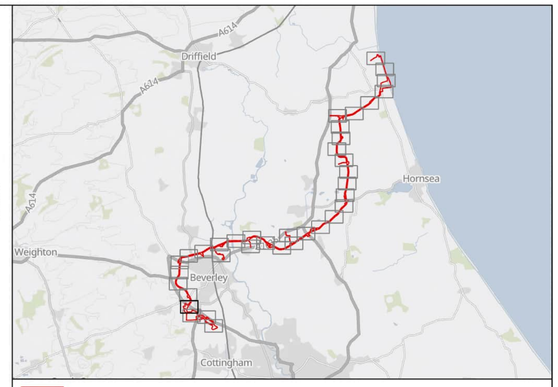
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PRJ	British National Grid		

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Onshore Development Area

Trenching or Trenchless Crossing

- Either option available
- Off route haul road crossing
- Trenchless crossing
- Indicative Trenchless Crossing Alignment

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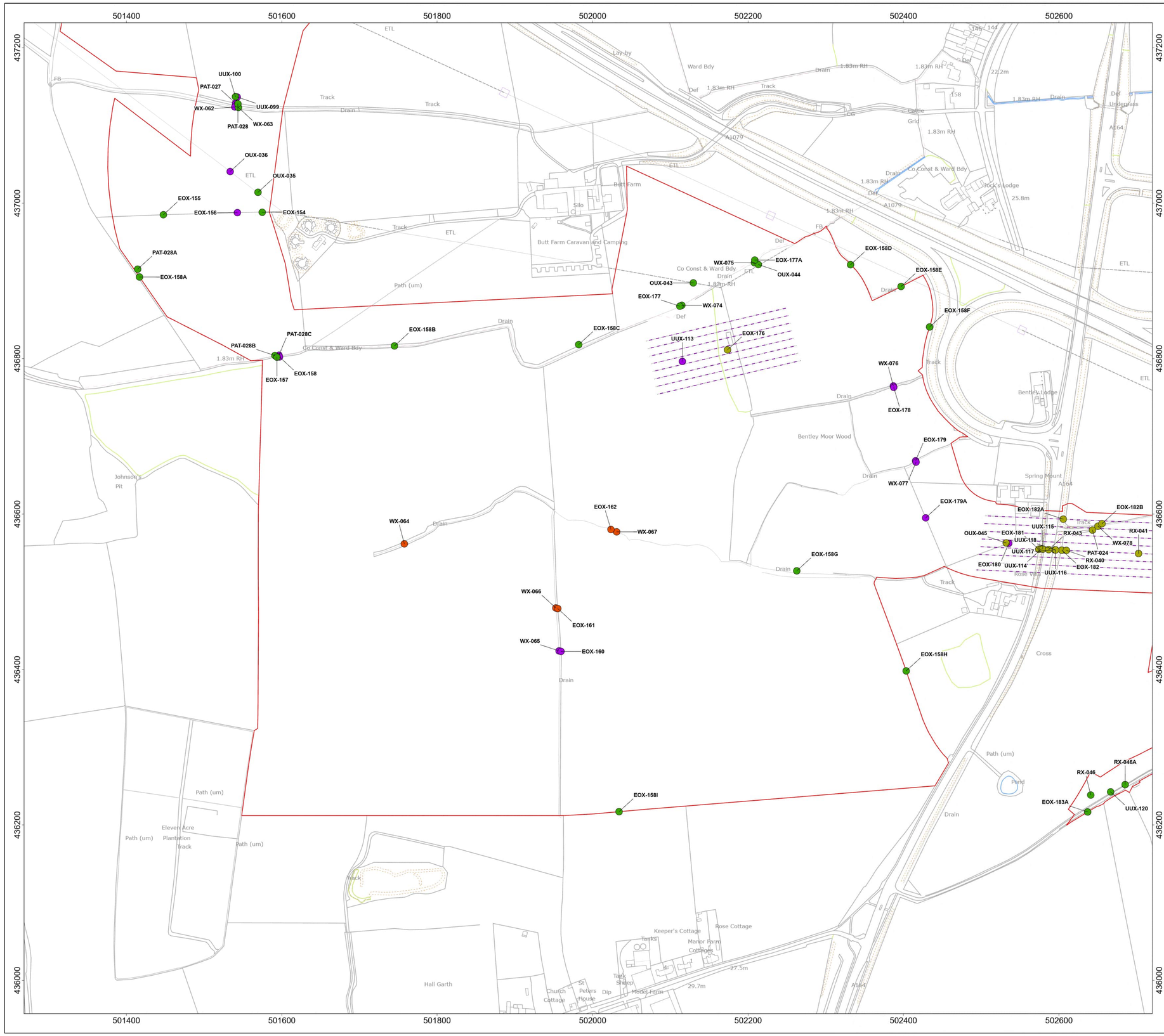
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PRJ	British National Grid		

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Onshore Development Area

Trenching or Trenchless Crossing

- Either option available
- Off route haul road crossing
- To be removed for substation construction
- Trenchless crossing
- Indicative Trenchless Crossing Alignment

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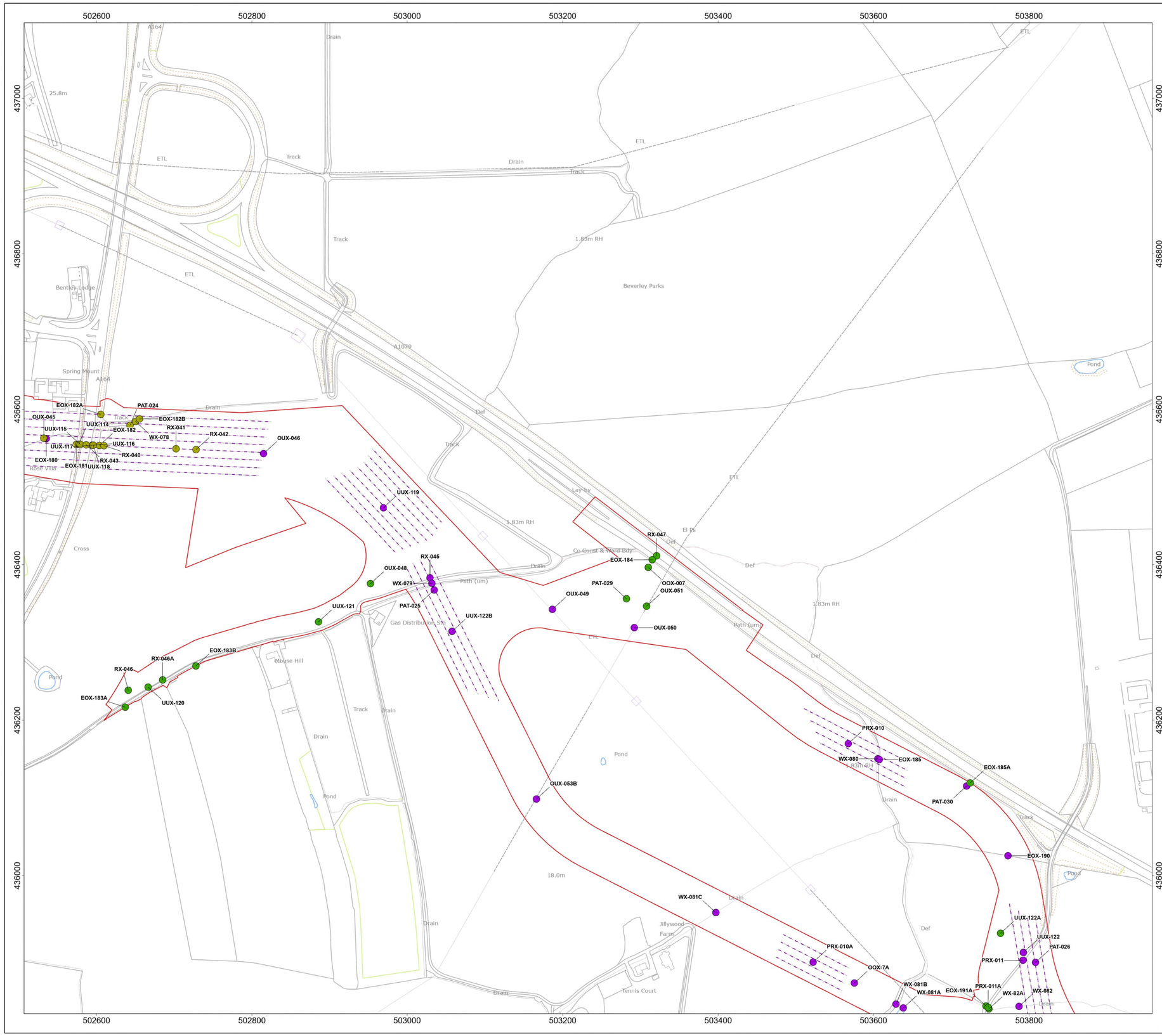
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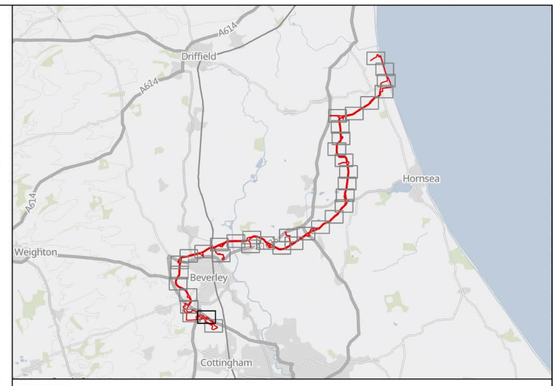
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Onshore Development Area

Trenching or Trenchless Crossing

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- Trenchless crossing
- Indicative Trenchless Crossing Alignment

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DRAWING NUMBER: **PC2340-RHD-ON-ZZ-DR-Z-0878**

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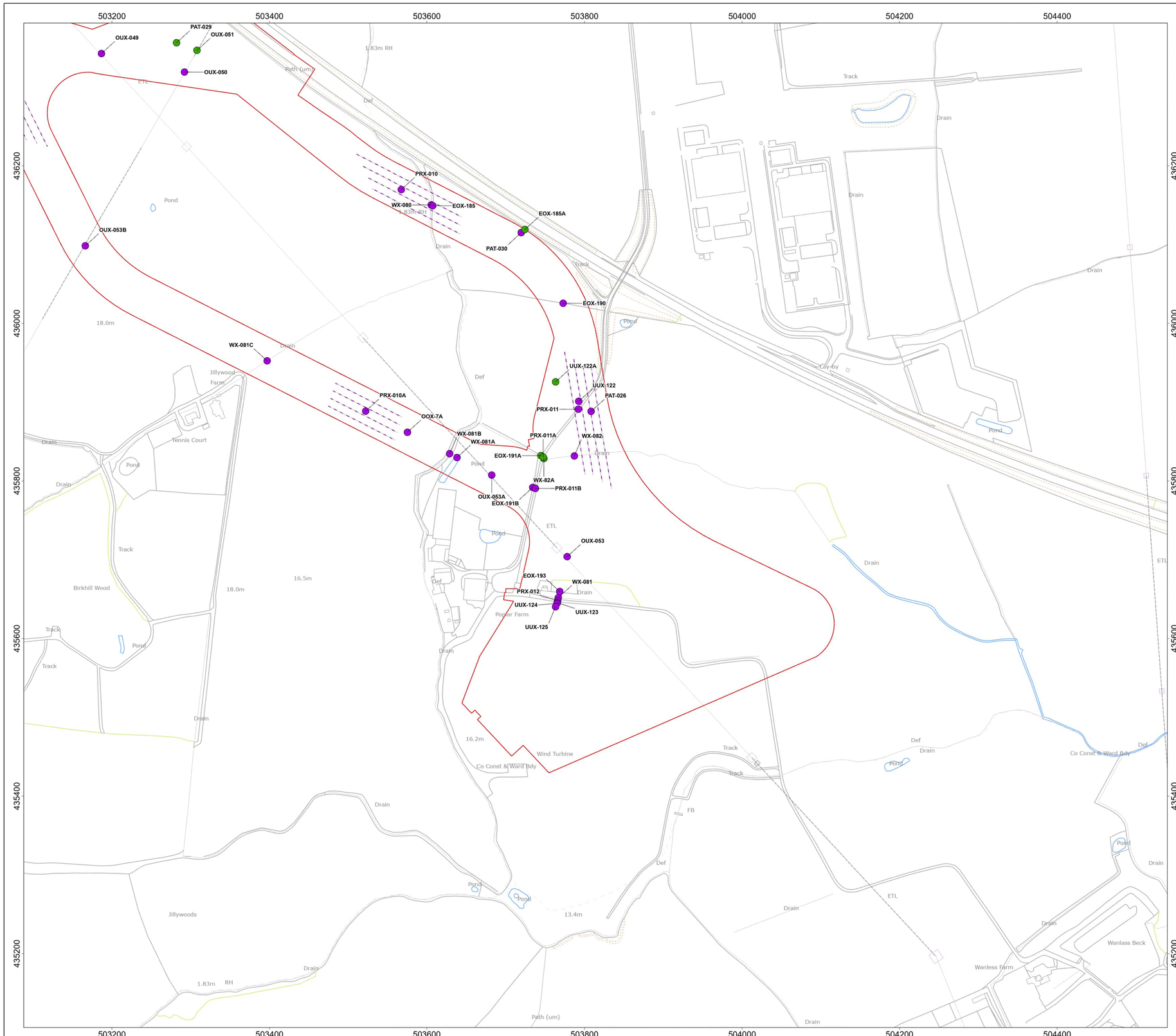
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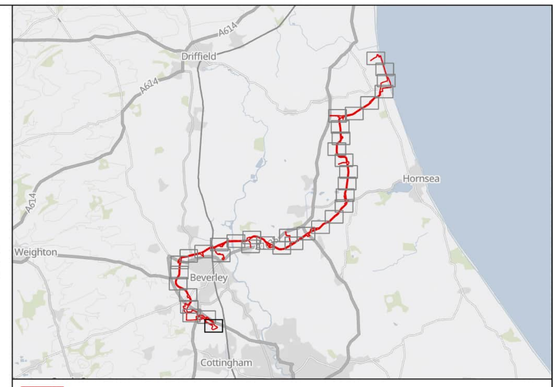
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VER	DATE	REMARKS	DRAW	CHEK	APRD
0.1	16/05/2024	First Issue	SB	ND	RH
0.2	20/05/2024	Second Issue	SB	ND	RH
0.3	03/06/2024	Third Issue	SB	ND	RH

0 0.03 0.05 0.08 0.1 Km
0 0.03 0.05 0.08 0.1 Miles

N GRID NORTH

SCALE 1:2,500 PLOT SIZE A1
DATUM OSGB 1936 VERTICAL REF N/A
PRJ British National Grid

Royal HaskoningDHV
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RWE