

# MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

## Environmental Statement

Volume 1, Annex 3.2: Onshore Crossing Schedule Part 1 of 2



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## Contents

|   |   |   |
|---|---|---|
| 1 | HOW TO READ THE MORGAN AND MORECAMBE OFFSHORE WIND FARMS:<br>TRANSMISSION ASSETS ONSHORE CROSSING SCHEDULE..... | 1 |
|---|---|---|

## Tables

|  |   |
|--|---|
| Table 1.1: Explanation of headings in the Onshore Crossing Schedule..... | 1 |
| Table 1.2: Onshore Crossing Schedule.....                                | 5 |

## Glossary

| Term  | Meaning   |
|---|---|
| 400 kV grid connection cables                                 | Cables that will connect the proposed onshore substations to the existing National Grid Penwortham substation.  |
| 400 kV grid connection cable corridor                         | The corridor within which the 400 kV grid connection cables will be located.  |
| Landfall  | The area in which the offshore export cables make landfall (come on shore) and the transitional area between the offshore cabling and the onshore cabling. This term applies to the entire landfall area at Lytham St. Annes between Mean Low Water Springs and the transition joint bays inclusive of all construction works, including the offshore and onshore cable routes, intertidal working area and landfall compound(s).   |
| Morgan and Morecambe Offshore Wind Farms: Transmission Assets | The offshore export cables, landfall, and onshore infrastructure for the Morgan Offshore Wind Project and the Morecambe Offshore Windfarm. This includes the offshore export cables, landfall site, onshore export cables, onshore substations, 400 kV grid connection cables and associated grid connection infrastructure such as circuit breaker compounds.<br><br>Also referred to in this report as the Transmission Assets, for ease of reading.  |
| Morgan OWL  | Morgan Offshore Wind Limited is a joint venture between bp Alternative Energy Investments Ltd. and Energie Baden-Württemberg AG (EnBW).   |
| Morecambe OWL   | Morecambe Offshore Windfarm Ltd is a joint venture between Zero-E Offshore Wind S.L.U. (Spain) (a Cobra group company) (Cobra) and Flotation Energy Ltd.  |
| Morgan Offshore Wind Project: Generation Assets               | The offshore generation assets and associated activities for the Morgan Offshore Wind Project.  |
| Morecambe Offshore Windfarm: Generation Assets                | The offshore generation assets and associated activities for the Morecambe Offshore Windfarm.   |
| Onshore export cables   | The cables which would bring electricity from the landfall to the onshore substations.  |
| Onshore export cable corridor                                 | The corridor within which the onshore export cables will be located.  |
| Onshore Infrastructure Area                                   | The area within the Transmission Assets Order Limits landward of Mean High Water Springs. Comprising the offshore export cables from Mean High Water Springs to the transition joint bays, onshore export cables, onshore substations and 400 kV grid connection cables, and associated temporary and permanent infrastructure including temporary and permanent compound areas and accesses. Those parts of the Transmission Assets Order Limits proposed only for ecological mitigation/biodiversity benefit are excluded from this area. |
| Onshore Order Limits  | See Transmission Assets Order Limits: Onshore (below).  |
| Transmission Assets   | See Morgan and Morecambe Offshore Wind Farms: Transmission Assets (above)   |
| Transmission Assets Order Limits                              | The area within which all components of the Transmission Assets will be located, including areas required on a temporary basis during construction and/or decommissioning   |

| Term                                      | Meaning   |
|---|---|
| Transmission Assets Order Limits: Onshore | <p>The area within which all components of the Transmission Assets landward of Mean High Water Springs will be located, including areas required on a temporary basis during construction and/or decommissioning (such as construction compounds).</p> <p>Also referred to in this report as the Onshore Order Limits, for ease of reading.</p> |

## Acronyms

| Acronym | Meaning   |
|---------|---|
| ACC     | Access (Access track)                                 |
| CoT     | Commitment  |
| EA      | Environment Agency                                    |
| ECC     | Export cable corridor (onshore export cable corridor) |
| EN      | Environment   |
| HC      | Haul road crossing                                    |
| HDD     | Horizontal Directional Drilling                       |
| ID      | Identifier  |
| LC      | Logistics Compound                                    |
| LF      | Landfall  |
| No.     | Number  |
| OAR     | Operational Access Route                              |
| OS      | Ordnance Survey                                       |
| PRoW    | Public right of way                                   |
| PW      | Public right of way                                   |
| RA      | Railway   |
| RO      | Road  |
| SS      | Substations (Onshore substations)                     |
| SSSI    | Site of Special Scientific Interest                   |
| TAT     | Temporary Access Track                                |
| TCC     | Temporary Construction Compound                       |
| UT      | Utility   |
| WA      | Water   |

# 1 **How to read the Morgan and Morecambe Offshore Wind Farms: Transmission Assets Onshore Crossing Schedule**

- 1.1.1.1 There are existing assets within the Transmission Assets Order Limits: Onshore (referred to as the Onshore Order Limits) as detailed within this Onshore Crossing Schedule.
- 1.1.1.2 Volume 1, Chapter 3: Project description of the ES details that asset crossings will be required for the Morgan and Morecambe Offshore Wind Farms: Transmission Assets.
- 1.1.1.3 The Applicants have made a number of commitments to utilise trenchless techniques at certain locations. These commitments can be found in the Commitments Register (Volume 1, Annex 5.3: Commitments Register (document reference F1.5.3)).

**Table 1.1: Explanation of headings in the Onshore Crossing Schedule**

| Heading in Onshore Crossing Schedule | Explanation of Information within column  |
|--------------------------------------|---|
| X coordinate                         | X coordinate of obstacle crossing point   |
| Y coordinate                         | Y coordinate of obstacle crossing point   |
| Crossing Identification No.          | <p>1. The first part of the crossing ID identifies which project crosses the obstacle.</p> <ul style="list-style-type: none"> <li>• 'MG' for Morgan OWL</li> <li>• 'MC' for Morecambe OWL</li> <li>• 'MGMC' for Morgan OWL and Morecambe OWL</li> </ul> <p>2. The second part of the crossing IDs are split according to the different elements of the onshore elements of the Transmission Assets. The onshore elements of Transmission Assets are identified as follows, and form the first part of the Crossing ID:</p> <ul style="list-style-type: none"> <li>• the landfall - crossings at the landfall begin with 'LF';</li> <li>• the onshore export cable corridor (ECC) - crossings along the onshore ECC begin with 'ECC';</li> <li>• the 400kV grid connection cable corridor (GCC) – crossings along the GCC begin with 'ECC';</li> <li>• The onshore substations - crossings at the onshore substations begin with 'SS';</li> <li>• Areas of environmental mitigation begin with 'ECO'; and,</li> <li>• Areas of biodiversity benefit being with 'BB'.</li> </ul> <p>Where there are elements associated with the areas listed above, an extra identifier has been added at the end of the project element. These include</p> <ul style="list-style-type: none"> <li>• Temporary Construction Compounds - where the crossing is identified in a temporary construction compound, 'TCC' will follow the identifier for the element of the project. For example. 'ECC_TCC...' or 'GCC_TCC';</li> <li>• Temporary Access track - where the crossing is identified on an temporary access track, 'TAT' will follow the identifier for the element of the project. For example. 'ECC_TAT...' or 'GCC_TAT'; and,</li> <li>• Operational Access track – where the crossing is identified on a operational access track 'OAR' will follow the identified for the element of the project. For example. 'ECC_OAR...' or 'GCC_OAR'...</li> </ul> <p>3. The third part of the crossing ID relates to the crossing categories:</p> <ul style="list-style-type: none"> <li>• "UT"- Utilities (e.g. cables and pipelines);</li> </ul> |



| Heading in Onshore Crossing Schedule | Explanation of Information within column  |
|--------------------------------------|---|
|                                      | <ul style="list-style-type: none"> <li>• “PW” – Public ways (e.g. public footpaths and bridleways);</li> <li>• “RA” – Railways;</li> <li>• “RO” – Roads;</li> <li>• “EN” – Environmental features (e.g. hedges and woodlands); and</li> <li>• “WA”- Watercourses and water features.</li> </ul> <p>The fourth part of the Crossing ID relates to number of the crossing which runs largely in numerical order from ‘001’.</p> <p>This crossing identification numbering will be used by the Principal Contractor(s) during construction of the Transmission Assets.</p> |
| Type of Obstacle                     | <p>Relates to the crossing categories:</p> <ul style="list-style-type: none"> <li>• Bridleway</li> <li>• Cable - This encompasses electricity lines and telecoms lines that are crossed by the Transmission Assets</li> <li>• Drain –</li> <li>• Footpath</li> <li>• Hedgerow</li> <li>• Pipeline - This includes gas mains, sewers, water pipelines, petrochemicals</li> <li>• Private Access Track</li> <li>• Railway</li> <li>• Road</li> <li>• Watercourse – all Environment Agency main rivers and ordinary watercourses</li> </ul>                                |
| Obstacle Name                        | <p>Provides details of any name already assigned to the feature being crossed, e.g. name/ number of the road, footpath or cycle path number and river/ drain name.</p> <p>N.B. If a crossing is not named then for example, the cell has been left blank intentionally.</p>   |
| Obstacle Description                 | <p>Provides a more detailed description of the obstacle, moving on from Type of Obstacle category.</p> <ul style="list-style-type: none"> <li>• The types of road should be listed. For example: Roads - are identified as A, B, minor road, primary roads;</li> <li>• Drain – further detail is provided as to whether it is a drain or culvert;</li> </ul>  |

| Heading in Onshore Crossing Schedule   | Explanation of Information within column  |
|--|---|
|  | <ul style="list-style-type: none"> <li>• Watercourse – detail is provided as to whether it is a EA Main River or an Ordinary Watercourse;</li> <li>• Cable – a description of the type of utility is provided for example ‘Telecom’, ‘Underground Electric Cable’ or ‘Overhead Line’</li> <li>• Footpath – detail as to whether it is a Public Right of Way or Private Access Track is provided.</li> <li>• Pipeline – detail as to whether it is gas mains, sewers, water pipelines, petrochemicals is provided.</li> </ul>        |
| Asset Owner / Responsible Authority    | <p>All known 'Asset owners' are listed here.<br/>For example:</p> <ul style="list-style-type: none"> <li>• Ditches -“Private”</li> <li>• Bridleway and footpaths – Local Planning Authorities</li> <li>• Roads – Highways Authority (Lancashire County Council)</li> <li>• Railways – Network Rail</li> </ul> <p>The responsible authorities include the Environment Agency (EA) for Main Rivers, Lancashire County Council for Ordinary Watercourses as the Lead Local Flood Authority.</p>  |
| Trenchless Technique ID                | Each individual trenchless technique crossing has been given its own reference.   |
| Trenchless Technique category          | <p>This refers to the type of MDS HDD rig to be used as each crossing.</p> <p>1 = major (i.e. landfall, and the River Ribble cable crossing)<br/>2 = minor (i.e some of the HDDs along the cable route)</p>   |
| Trenchless Technique Indicative Length | Indicates the indicative maximum length of the trenchless crossings, based on early estimations and past experience. Exact details are to be established prior to construction.   |
| Proposed Crossing Method               | <p>Details the proposed crossing method, as follows:</p> <ul style="list-style-type: none"> <li>• Trenchless Techniques Only - here there is no proposed haul road</li> <li>• Trenchless Techniques Only with Haul Road</li> <li>• Trenchless Techniques/ Open Cut - here there is no proposed haul road</li> <li>• Trenchless Techniques/ Open Cut with Haul Road</li> <li>• Trenchless Techniques/ Open Cut with bridge/culvert</li> <li>• Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/ Culvert</li> </ul> |

| Heading in Onshore Crossing Schedule | Explanation of Information within column   |
|--------------------------------------|--|
|                                      | <ul style="list-style-type: none"> <li>• Bridge (Bailey Bridge/ Clear Span)/ Culvert</li> </ul> <p>Where the crossing identified is on an temporary access track (TAT) or possibly temporary construction compound (TCC), the proposed crossing method will state 'bridge/ culvert' where relevant. As such a form of bridge is anticipated to facilitate a haul road.</p> |
| Sheet No                             | States which of the Onshore Crossing Schedule Sheet numbers the respective crossings is shown on (sheets 1-58), as presented within this document.   |

Table 1.2: Onshore Crossing Schedule

| X Coordinate | Y Coordinate | Crossing Identification No | Type of Obstacle | Obstacle Name              | Obstacle Description       | Asset Owner                              | Trenchless Technique ID | Trenchless Technique Category | Trenchless Techniques Length | Proposed Crossing Method   | Sheet |
|--------------|--------------|----------------------------|------------------|----------------------------|----------------------------|--|-------------------------|-------------------------------|------------------------------|----------------------------|-------|
| 330474       | 431644       | MGMC_LF_TAT_UT_1           | Cable            |                            | Telecom                    | Vodafone                                 |                         |                               |                              | N/A                        | 1     |
| 330545       | 431682       | MGMC_LF_TAT_UT_2           | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1a    |
| 330555       | 431688       | MGMC_LF_TAT_UT_3           | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1a    |
| 330555       | 431688       | MGMC_LF_TAT_UT_4           | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1a    |
| 330555       | 431688       | MGMC_LF_TAT_UT_5           | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1a    |
| 330556       | 431688       | MGMC_LF_TAT_UT_6           | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1a    |
| 330560       | 431687       | MGMC_LF_TAT_UT_7           | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1a    |
| 330560       | 431687       | MGMC_LF_TAT_RO_8           | Road             | Squires Gate Lane          | A Road                     | Local Highway Authority                  |                         |                               |                              | N/A                        | 1a    |
| 330572       | 431688       | MGMC_LF_TAT_UT_9           | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1a    |
| 330580       | 431696       | MGMC_LF_TAT_UT_10          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1a    |
| 330580       | 431696       | MGMC_LF_TAT_UT_11          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1a    |
| 330582       | 431696       | MGMC_LF_TAT_UT_12          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1a    |
| 330582       | 431696       | MGMC_LF_TAT_UT_13          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1a    |
| 330590       | 431693       | MGMC_LF_TAT_UT_14          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1a    |
| 330619       | 431701       | MGMC_LF_TAT_UT_15          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1a    |
| 330619       | 431701       | MGMC_LF_TAT_UT_16          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1a    |
| 330624       | 431708       | MGMC_LF_TAT_UT_17          | Pipeline         |                            | Gas                        | Cadent Gas                               |                         |                               |                              | N/A                        | 1a    |
| 330624       | 431708       | MGMC_LF_TAT_UT_18          | Pipeline         |                            | Gas                        | Cadent Gas                               |                         |                               |                              | N/A                        | 1a    |
| 330628       | 431712       | MGMC_LF_TAT_RO_19          | Road             | Starr Gate (A584)          | A Road                     | Local Highway Authority                  |                         |                               |                              | N/A                        | 1a    |
| 330629       | 431717       | MGMC_LF_TAT_UT_20          | Pipeline         |                            | Sewerage                   | United Utilities                         |                         |                               |                              | N/A                        | 1a    |
| 330637       | 431706       | MGMC_LF_TAT_UT_21          | Pipeline         |                            | Sewerage                   | United Utilities                         |                         |                               |                              | N/A                        | 1a    |
| 330756       | 431305       | MGMC_LF_TCC_UT_22          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1b    |
| 330756       | 431305       | MGMC_LF_TCC_UT_23          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1b    |
| 330756       | 431305       | MGMC_LF_TCC_UT_24          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1b    |
| 330756       | 431305       | MGMC_LF_TCC_UT_25          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1b    |
| 330756       | 431305       | MGMC_LF_TCC_UT_26          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1b    |
| 330757       | 431304       | MGMC_LF_TCC_UT_27          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1b    |
| 330757       | 431302       | MGMC_LF_TCC_UT_28          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1b    |
| 330758       | 431302       | MGMC_LF_TCC_UT_29          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1b    |
| 330758       | 431302       | MGMC_LF_TCC_UT_30          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1b    |
| 330758       | 431301       | MGMC_LF_TCC_UT_31          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1b    |
| 330758       | 431301       | MGMC_LF_TCC_UT_32          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1b    |
| 330758       | 431298       | MGMC_LF_TCC_UT_33          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1b    |
| 330759       | 431299       | MGMC_LF_TCC_UT_34          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1b    |
| 330763       | 431284       | MGMC_LF_TCC_UT_35          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1b    |
| 330764       | 431284       | MGMC_LF_TCC_UT_36          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1b    |
| 330765       | 431278       | MGMC_LF_TCC_UT_37          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1b    |
| 330766       | 431273       | MGMC_LF_TCC_UT_38          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1b    |
| 330768       | 431269       | MGMC_LF_TCC_UT_39          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1b    |
| 330769       | 431266       | MGMC_LF_TCC_UT_40          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1b    |
| 330769       | 431265       | MGMC_LF_TCC_UT_41          | Pipeline         |                            | Sewerage                   | United Utilities                         |                         |                               |                              | N/A                        | 1b    |
| 330770       | 431264       | MGMC_LF_TCC_UT_42          | Pipeline         |                            | Sewerage                   | United Utilities                         |                         |                               |                              | N/A                        | 1b    |
| 330770       | 431266       | MGMC_LF_TCC_UT_43          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1b    |
| 330770       | 431262       | MGMC_LF_TCC_UT_44          | Pipeline         |                            | Sewerage                   | United Utilities                         |                         |                               |                              | N/A                        | 1b    |
| 330770       | 431262       | MGMC_LF_TCC_UT_45          | Pipeline         |                            | Sewerage                   | United Utilities                         |                         |                               |                              | N/A                        | 1b    |
| 330774       | 431254       | MGMC_LF_TCC_UT_46          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1b    |
| 330774       | 431254       | MGMC_LF_TCC_UT_47          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1b    |
| 330780       | 431220       | MGMC_LF_TCC_UT_48          | Pipeline         |                            | Sewerage                   | United Utilities                         |                         |                               |                              | N/A                        | 1b    |
| 330781       | 431220       | MGMC_LF_TCC_RO_49          | Road             | Clifton Drive North (A584) | A Road                     | Local Highway Authority                  |                         |                               |                              | N/A                        | 1b    |
| 330782       | 431228       | MGMC_LF_TCC_UT_50          | Cable            |                            | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A                        | 1b    |
| 330785       | 431216       | MGMC_LF_TCC_UT_51          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1b    |
| 330787       | 431212       | MGMC_LF_TCC_UT_52          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1b    |
| 330788       | 431211       | MGMC_LF_TCC_UT_53          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1b    |
| 330790       | 431205       | MGMC_LF_TCC_UT_54          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1b    |
| 330794       | 431241       | MGMC_LF_TCC_UT_55          | Pipeline         |                            | Water                      | United Utilities                         |                         |                               |                              | N/A                        | 1b    |
| 330795       | 431186       | MGMC_LF_TCC_UT_56          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1b    |
| 330795       | 431191       | MGMC_LF_TCC_UT_57          | Cable            |                            | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A                        | 1b    |
| 330795       | 431233       | MGMC_LF_TCC_UT_58          | Cable            |                            | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A                        | 1b    |
| 330797       | 431182       | MGMC_LF_TCC_UT_59          | Pipeline         |                            | Sewerage                   | United Utilities                         |                         |                               |                              | N/A                        | 1b    |
| 330802       | 431231       | MGMC_LF_TCC_UT_60          | Pipeline         |                            | Water                      | United Utilities                         |                         |                               |                              | N/A                        | 1b    |
| 330817       | 431220       | MGMC_LF_TCC_UT_61          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1b    |
| 330823       | 431233       | MGMC_LF_TCC_UT_62          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1b    |
| 330828       | 431203       | MGMC_LF_TCC_UT_63          | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 1b    |
| 330858       | 430672       | MGMC_LF_UT_64              | Pipeline         |                            | Sewerage                   | United Utilities                         | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2a    |
| 330880       | 430926       | MGMC_LF_UT_65              | Pipeline         |                            | Sewerage                   | United Utilities                         | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2a    |
| 330889       | 430925       | MGMC_LF_UT_66              | Cable            |                            | Telecom                    | Openreach - [British Telecommunications] | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2a    |
| 330891       | 430866       | MGMC_LF_UT_67              | Cable            |                            | Underground Electric Cable | Electricity North West                   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2a    |
| 330903       | 430838       | MGMC_LF_UT_68              | Cable            |                            | Underground Electric Cable | Electricity North West                   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2a    |
| 330905       | 430826       | MGMC_LF_UT_69              | Pipeline         |                            | Gas                        | Cadent                                   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2a    |
| 330907       | 430826       | MGMC_LF_UT_70              | Cable            |                            | Underground Electric Cable | Electricity North West                   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2a    |
| 330907       | 430826       | MGMC_LF_UT_71              | Cable            |                            | Underground Electric Cable | Electricity North West                   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2a    |
| 330907       | 430826       | MGMC_LF_UT_72              | Cable            |                            | Telecom                    | Vodafone                                 | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2a    |
| 330907       | 430826       | MGMC_LF_UT_73              | Cable            |                            | Underground Electric Cable | Electricity North West                   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2a    |
| 330908       | 430826       | MGMC_LF_UT_74              | Cable            |                            | Underground Electric Cable | Electricity North West                   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2a    |

| X Coordinate | Y Coordinate | Crossing Identification No | Type of Obstacle | Obstacle Name              | Obstacle Description       | Asset Owner                              | Trenchless Technique ID | Trenchless Technique Category | Trenchless Techniques Length | Proposed Crossing Method   | Sheet |
|--------------|--------------|----------------------------|------------------|----------------------------|----------------------------|--|-------------------------|-------------------------------|------------------------------|----------------------------|-------|
| 330913       | 430825       | MGMC_LF_UT_75              | Pipeline         |                            | Gas                        | Cadent                                   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2a    |
| 330915       | 430824       | MGMC_LF_RO_76              | Road             | Clifton Drive North (A584) | A Road                     | Local Highway Authority                  | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2a    |
| 330915       | 430697       | MGMC_LF_UT_77              | Pipeline         |                            | Water                      | United Utilities                         | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2a    |
| 330916       | 430799       | MGMC_LF_UT_78              | Cable            |                            | Underground Electric Cable | Electricity North West                   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2a    |
| 330917       | 430824       | MGMC_LF_UT_79              | Pipeline         |                            | Sewerage                   | United Utilities                         | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2a    |
| 330918       | 430839       | MGMC_LF_UT_80              | Cable            |                            | Underground Electric Cable | Electricity North West                   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2a    |
| 330920       | 430824       | MGMC_LF_UT_81              | Pipeline         |                            | Water                      | United Utilities                         | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2a    |
| 330920       | 430785       | MGMC_LF_UT_82              | Cable            |                            | Underground Electric Cable | Electricity North West                   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2a    |
| 330923       | 430823       | MGMC_LF_UT_83              | Cable            |                            | Underground Electric Cable | Electricity North West                   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2a    |
| 330924       | 430823       | MGMC_LF_UT_84              | Cable            |                            | Telecom                    | Openreach [British Telecommunications]   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2a    |
| 330932       | 430517       | MGMC_LF_PW_85              | Footpath         |                            | Private Access Track       | Fylde Council                            | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2b    |
| 330933       | 430706       | MGMC_LF_UT_86              | Cable            |                            | Telecom                    | Openreach [British Telecommunications]   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2a    |
| 330940       | 430366       | MGMC_LF_UT_87              | Pipeline         |                            | Sewerage                   | United Utilities                         | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2b    |
| 330940       | 430732       | MGMC_LF_UT_88              | Cable            |                            | Underground Electric Cable | Electricity North West                   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2a    |
| 330940       | 430731       | MGMC_LF_UT_89              | Cable            |                            | Underground Electric Cable | Electricity North West                   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2a    |
| 330943       | 430770       | MGMC_LF_UT_90              | Cable            |                            | Underground Electric Cable | Electricity North West                   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2a    |
| 330953       | 430711       | MGMC_LF_UT_91              | Pipeline         |                            | Water                      | United Utilities                         | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2a    |
| 330972       | 430516       | MGMC_LF_UT_92              | Cable            |                            | Telecom                    | Openreach [British Telecommunications]   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2b    |
| 330980       | 430614       | MGMC_LF_UT_93              | Cable            |                            | Underground Electric Cable | Electricity North West                   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2b    |
| 330986       | 430597       | MGMC_LF_UT_94              | Cable            |                            | Underground Electric Cable | Electricity North West                   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2b    |
| 330990       | 430603       | MGMC_LF_TAT_UT_95          | Pipeline         |                            | Gas                        | Cadent                                   |                         |                               |                              | N/A                        | 2b    |
| 330991       | 430588       | MGMC_LF_TAT_UT_96          | Cable            |                            | Telecom                    | Vodafone                                 |                         |                               |                              | N/A                        | 2b    |
| 330995       | 430589       | MGMC_LF_TAT_UT_97          | Pipeline         |                            | Sewerage                   | United Utilities                         |                         |                               |                              | N/A                        | 2b    |
| 330997       | 430534       | MGMC_LF_UT_98              | Cable            |                            | Underground Electric Cable | Electricity North West                   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2b    |
| 330998       | 430590       | MGMC_LF_TAT_RO_99          | Road             | Clifton Drive North (A584) | A Road                     | Local Highway Authority                  |                         |                               |                              | N/A                        | 2b    |
| 331001       | 430591       | MGMC_LF_TAT_UT_100         | Pipeline         |                            | Water                      | United Utilities                         |                         |                               |                              | N/A                        | 2b    |
| 331002       | 430553       | MGMC_LF_UT_101             | Cable            |                            | Underground Electric Cable | Electricity North West                   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2b    |
| 331004       | 430564       | MGMC_LF_TAT_UT_102         | Pipeline         |                            | Gas                        | Cadent                                   |                         |                               |                              | N/A                        | 2b    |
| 331008       | 430585       | MGMC_LF_TAT_UT_103         | Cable            |                            | Telecom                    | Openreach [British Telecommunications]   |                         |                               |                              | N/A                        | 2b    |
| 331013       | 430522       | MGMC_LF_UT_104             | Cable            |                            | Underground Electric Cable | Electricity North West                   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2b    |
| 331015       | 430566       | MGMC_LF_UT_105             | Cable            |                            | Underground Electric Cable | Electricity North West                   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2b    |
| 331017       | 430557       | MGMC_LF_UT_106             | Cable            |                            | Underground Electric Cable | Electricity North West                   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2b    |
| 331018       | 430746       | MGMC_LF_UT_107             | Pipeline         |                            | Sewerage                   | United Utilities                         | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2a    |
| 331028       | 430479       | MGMC_LF_UT_108             | Cable            |                            | Underground Electric Cable | Electricity North West                   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2b    |
| 331031       | 430471       | MGMC_LF_UT_109             | Cable            |                            | Underground Electric Cable | Electricity North West                   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2b    |
| 331031       | 430471       | MGMC_LF_UT_110             | Cable            |                            | Underground Electric Cable | Electricity North West                   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2b    |
| 331032       | 430471       | MGMC_LF_UT_111             | Cable            |                            | Underground Electric Cable | Electricity North West                   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2b    |
| 331035       | 430735       | MGMC_LF_UT_112             | Pipeline         |                            | Sewerage                   | United Utilities                         | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2a    |
| 331037       | 430454       | MGMC_LF_UT_113             | Cable            |                            | Underground Electric Cable | Electricity North West                   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2b    |
| 331038       | 430499       | MGMC_LF_UT_114             | Cable            |                            | Underground Electric Cable | Electricity North West                   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2b    |
| 331046       | 430432       | MGMC_LF_UT_115             | Cable            |                            | Telecom                    | Vodafone                                 | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2b    |
| 331051       | 430434       | MGMC_LF_UT_116             | Pipeline         |                            | Gas                        | Cadent                                   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2b    |
| 331051       | 430431       | MGMC_LF_UT_117             | Pipeline         |                            | Sewerage                   | United Utilities                         | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2b    |
| 331052       | 430414       | MGMC_LF_UT_118             | Cable            |                            | Underground Electric Cable | Electricity North West                   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2b    |
| 331053       | 430435       | MGMC_LF_RO_119             | Road             | Clifton Drive North (A584) | A Road                     | Local Highway Authority                  | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2b    |
| 331060       | 430439       | MGMC_LF_UT_120             | Cable            |                            | Telecom                    | Openreach [British Telecommunications]   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2b    |
| 331061       | 430388       | MGMC_LF_UT_121             | Cable            |                            | Underground Electric Cable | Electricity North West                   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2b    |
| 331074       | 430387       | MGMC_LF_UT_122             | Pipeline         |                            | Water                      | United Utilities                         | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2b    |
| 331081       | 430332       | MGMC_LF_UT_123             | Cable            |                            | Underground Electric Cable | Electricity North West                   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2b    |
| 331082       | 430374       | MGMC_LF_UT_124             | Cable            |                            | Underground Electric Cable | Electricity North West                   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2b    |
| 331088       | 430360       | MGMC_LF_UT_125             | Cable            |                            | Underground Electric Cable | Electricity North West                   | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2b    |
| 331124       | 430901       | MGMC_LF_WA_126             | Drain            |                            | Drain                      | Private                                  | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2a    |
| 331145       | 429861       | MGMC_LF_TAT_UT_127         | Pipeline         |                            | Sewerage                   | United Utilities                         |                         |                               |                              | N/A                        | 3     |
| 331148       | 430862       | MGMC_LF_PW_128             | Footpath         | 5-2-FP 8                   | Public Right of Way        | Fylde Council                            | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2a    |
| 331150       | 430864       | MGMC_LF_RA_129             | Rail             |                            | Railway                    | Network Rail                             | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2a    |
| 331168       | 429875       | MGMC_LF_TAT_UT_130         | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 3a    |
| 331169       | 430873       | MGMC_LF_PW_131             | Footpath         |                            | Private Access Track       | Fylde Council                            | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2a    |
| 331171       | 429873       | MGMC_LF_TAT_UT_132         | Cable            |                            | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A                        | 3a    |
| 331179       | 429877       | MGMC_LF_TAT_UT_133         | Cable            |                            | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A                        | 3a    |
| 331180       | 429878       | MGMC_LF_TAT_UT_134         | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 3a    |
| 331192       | 429888       | MGMC_LF_TAT_UT_135         | Pipeline         |                            | Sewerage                   | United Utilities                         |                         |                               |                              | N/A                        | 3a    |
| 331192       | 429886       | MGMC_LF_TAT_UT_136         | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 3a    |
| 331197       | 429890       | MGMC_LF_TAT_UT_137         | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 3a    |
| 331197       | 429888       | MGMC_LF_TAT_UT_138         | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 3a    |
| 331197       | 429887       | MGMC_LF_TAT_UT_139         | Cable            |                            | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A                        | 3a    |
| 331198       | 429886       | MGMC_LF_TAT_UT_140         | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 3a    |
| 331200       | 431853       | MGMC_LF_TAT_RO_141         | Road             | Lytham Road (B5262)        | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A                        | 4     |
| 331214       | 431781       | MGMC_ECC_TAT_UT_142        | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 4     |
| 331221       | 431784       | MGMC_ECC_TAT_UT_143        | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                        | 4     |
| 331226       | 431781       | MGMC_ECC_TAT_UT_144        | Cable            |                            | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A                        | 4     |
| 331242       | 431783       | MGMC_ECC_TAT_UT_145        | Cable            |                            | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A                        | 4     |
| 331248       | 430566       | MGMC_LF_UT_146             | Pipeline         |                            | Sewerage                   | United Utilities                         | 1                       | Major                         | 1003                         | Trenchless Techniques Only | 2b    |
| 331249       | 431784       | MGMC_ECC_TAT_UT_147        | Cable            |                            | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A                        | 4     |
| 331262       | 431793       | MGMC_ECC_TAT_UT_148        | Pipeline         |                            | Water                      | United Utilities                         |                         |                               |                              | N/A                        | 4     |

| X Coordinate | Y Coordinate | Crossing Identification No | Type of Obstacle | Obstacle Name              | Obstacle Description       | Asset Owner                              | Trenchless Technique ID | Trenchless Technique Category | Trenchless Techniques Length | Proposed Crossing Method                       | Sheet |
|--------------|--------------|----------------------------|------------------|----------------------------|----------------------------|--|-------------------------|-------------------------------|------------------------------|--|-------|
| 331267       | 431791       | MGMC_ECC_TAT_UT_149        | Pipeline         |                            | Water                      | United Utilities                         |                         |                               |                              | N/A  | 4     |
| 331281       | 430525       | MGMC_LF_PW_150             | Footpath         | 5-2-FP 8                   | Public Right of Way        | Fylde Council                            | 1                       | Major                         | 1003                         | Trenchless Techniques Only                     | 2b    |
| 331284       | 430526       | MGMC_LF_RA_151             | Rail             |                            | Railway                    | Network Rail                             | 1                       | Major                         | 1003                         | Trenchless Techniques Only                     | 2b    |
| 331284       | 431805       | MGMC_ECC_TAT_UT_152        | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 4     |
| 331290       | 429809       | MGMC_LF_TAT_UT_153         | Pipeline         |                            | Sewerage                   | United Utilities                         |                         |                               |                              | N/A  | 3a    |
| 331291       | 429810       | MGMC_LF_TAT_UT_154         | Pipeline         |                            | Sewerage                   | United Utilities                         |                         |                               |                              | N/A  | 3a    |
| 331293       | 431803       | MGMC_ECC_TAT_UT_155        | Cable            |                            | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 4     |
| 331294       | 431315       | MGMC_ECC_TAT_UT_156        | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 4     |
| 331297       | 429813       | MGMC_LF_TAT_UT_157         | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 3a    |
| 331297       | 429813       | MGMC_LF_TAT_UT_158         | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 3a    |
| 331297       | 429813       | MGMC_LF_TAT_UT_159         | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 3a    |
| 331297       | 429813       | MGMC_LF_TAT_UT_160         | Pipeline         |                            | Gas                        | Cadent Gas                               |                         |                               |                              | N/A  | 3a    |
| 331297       | 429813       | MGMC_LF_TAT_UT_161         | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 3a    |
| 331297       | 429813       | MGMC_LF_TAT_UT_162         | Pipeline         |                            | Gas                        | Cadent Gas                               |                         |                               |                              | N/A  | 3a    |
| 331297       | 429813       | MGMC_LF_TAT_UT_163         | Pipeline         |                            | Gas                        | Cadent Gas                               |                         |                               |                              | N/A  | 3a    |
| 331297       | 429813       | MGMC_LF_TAT_UT_164         | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 3a    |
| 331298       | 429813       | MGMC_LF_TAT_UT_165         | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 3a    |
| 331298       | 429813       | MGMC_LF_TAT_UT_166         | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 3a    |
| 331298       | 429813       | MGMC_LF_TAT_UT_167         | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 3a    |
| 331298       | 429813       | MGMC_LF_TAT_UT_168         | Cable            |                            | Telecom                    | Vodafone                                 |                         |                               |                              | N/A  | 3a    |
| 331298       | 429813       | MGMC_LF_TAT_UT_169         | Cable            |                            | Telecom                    | Vodafone                                 |                         |                               |                              | N/A  | 3a    |
| 331298       | 429813       | MGMC_LF_TAT_UT_170         | Cable            |                            | Telecom                    | Vodafone                                 |                         |                               |                              | N/A  | 3a    |
| 331298       | 429813       | MGMC_LF_TAT_UT_171         | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 3a    |
| 331298       | 429813       | MGMC_LF_TAT_UT_172         | Cable            |                            | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 3a    |
| 331298       | 429813       | MGMC_LF_TAT_UT_173         | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 3a    |
| 331298       | 429813       | MGMC_LF_TAT_UT_174         | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 3a    |
| 331299       | 429814       | MGMC_LF_TAT_UT_175         | Cable            |                            | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 3a    |
| 331300       | 429817       | MGMC_LF_TAT_UT_176         | Pipeline         |                            | Sewerage                   | United Utilities                         |                         |                               |                              | N/A  | 3a    |
| 331301       | 429815       | MGMC_LF_TAT_UT_177         | Pipeline         |                            | Sewerage                   | United Utilities                         |                         |                               |                              | N/A  | 3a    |
| 331303       | 429818       | MGMC_LF_TAT_RO_178         | Road             | Clifton Drive North (A584) | A Road                     | Local Highway Authority                  |                         |                               |                              | N/A  | 3a    |
| 331303       | 431807       | MGMC_ECC_TAT_UT_179        | Pipeline         |                            | Gas                        | Cadent Gas                               |                         |                               |                              | N/A  | 4     |
| 331303       | 431807       | MGMC_ECC_TAT_UT_180        | Cable            |                            | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 4     |
| 331305       | 429815       | MGMC_LF_TAT_RO_181         | Road             | Clifton Drive North (A584) | A Road                     | Local Highway Authority                  |                         |                               |                              | N/A  | 3a    |
| 331318       | 430592       | MGMC_LF_UT_182             | Pipeline         |                            | Sewerage                   | United Utilities                         | 1                       | Major                         | 1003                         | Trenchless Techniques Only                     | 2b    |
| 331327       | 431814       | MGMC_ECC_TAT_UT_183        | Pipeline         |                            | Water                      | United Utilities                         |                         |                               |                              | N/A  | 4     |
| 331336       | 431177       | MGMC_ECC_TAT_UT_184        | Cable            |                            | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 4     |
| 331338       | 431444       | MGMC_ECC_TAT_UT_185        | Cable            |                            | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 4     |
| 331343       | 431814       | MGMC_ECC_TAT_UT_186        | Cable            |                            | Telecom                    | Virgin Media                             |                         |                               |                              | N/A  | 4     |
| 331355       | 431822       | MGMC_ECC_TAT_UT_187        | Cable            |                            | Telecom                    | Virgin Media                             |                         |                               |                              | N/A  | 4     |
| 331366       | 430594       | MGMC_LF_UT_188             | Pipeline         |                            | Sewerage                   | United Utilities                         | 1                       | Major                         | 1003                         | Trenchless Techniques Only                     | 2b    |
| 331367       | 431825       | MGMC_ECC_TAT_UT_189        | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 4     |
| 331376       | 430828       | MGMC_LF_UT_190             | Pipeline         |                            | Sewerage                   | United Utilities                         | 1                       | Major                         | 1003                         | Trenchless Techniques Only                     | 5     |
| 331379       | 431825       | MGMC_ECC_TAT_UT_191        | Cable            |                            | Telecom                    | Virgin Media                             |                         |                               |                              | N/A  | 4     |
| 331380       | 431823       | MGMC_ECC_TAT_UT_192        | Pipeline         |                            | Water                      | United Utilities                         |                         |                               |                              | N/A  | 4     |
| 331380       | 431823       | MGMC_ECC_TAT_UT_193        | Cable            |                            | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 4     |
| 331381       | 431822       | MGMC_ECC_TAT_UT_194        | Cable            |                            | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 4     |
| 331386       | 431807       | MGMC_ECC_TAT_UT_195        | Pipeline         |                            | Gas                        | Cadent Gas                               |                         |                               |                              | N/A  | 4     |
| 331386       | 431802       | MGMC_ECC_TAT_UT_196        | Cable            |                            | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 4     |
| 331386       | 431805       | MGMC_ECC_TAT_UT_197        | Cable            |                            | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 4     |
| 331418       | 430692       | MGMC_LF_UT_198             | Pipeline         |                            | Sewerage                   | United Utilities                         | 1                       | Major                         | 1003                         | Trenchless Techniques Only                     | 5     |
| 331428       | 430696       | MGMC_LF_UT_199             | Pipeline         |                            | Sewerage                   | United Utilities                         | 1                       | Major                         | 1003                         | Trenchless Techniques Only                     | 5     |
| 331437       | 430992       | MGMC_ECC_TAT_UT_200        | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 5     |
| 331438       | 430992       | MGMC_LF_TAT_UT_201         | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 5     |
| 331441       | 430972       | MGMC_ECC_TAT_UT_202        | Cable            |                            | Telecom                    | Openreach [British Telecommunications]   |                         |                               |                              | N/A  | 5     |
| 331441       | 431626       | MGMC_ECC_TAT_UT_203        | Cable            |                            | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 4     |
| 331650       | 430790       | MGMC_LF_UT_204             | Cable            |                            | Telecom                    | Openreach [British Telecommunications]   | 1                       | Major                         | 1003                         | Trenchless Techniques Only                     | 5     |
| 331659       | 430855       | MGMC_LF_PW_205             | Footpath         |                            | Private Access Track       | Fylde Council                            | 1                       | Major                         | 1003                         | Trenchless Techniques Only                     | 5     |
| 331659       | 430725       | MGMC_LF_UT_206             | Cable            |                            | Underground Electric Cable | Electricity North West                   | 1                       | Major                         | 1003                         | Trenchless Techniques Only                     | 5     |
| 331661       | 430725       | MGMC_LF_UT_207             | Cable            |                            | Telecom                    | Openreach [British Telecommunications]   | 1                       | Major                         | 1003                         | Trenchless Techniques Only                     | 5     |
| 331686       | 430689       | MGMC_LF_UT_208             | Cable            |                            | Telecom                    | Openreach [British Telecommunications]   | 1                       | Major                         | 1003                         | Trenchless Techniques Only                     | 5     |
| 331690       | 430721       | MGMC_LF_PW_209             | Footpath         |                            | Private Access Track       | Fylde Council                            | 1                       | Major                         | 1003                         | Trenchless Techniques Only                     | 5     |
| 331715       | 430814       | MGMC_ECC_UT_210            | Cable            |                            | Telecom                    | Openreach [British Telecommunications]   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 5     |
| 331743       | 430830       | MGMC_ECC_UT_211            | Cable            |                            | Telecom                    | Openreach [British Telecommunications]   | 1                       | Major                         | 1003                         | Trenchless Techniques Only                     | 5     |
| 331749       | 430110       | MGMC_LF_OAR_UT_212         | Pipeline         |                            | Water                      | United Utilities                         |                         |                               |                              | N/A  | 3     |
| 331749       | 430111       | MGMC_LF_OAR_UT_213         | Pipeline         |                            | Water                      | United Utilities                         |                         |                               |                              | N/A  | 3     |
| 331765       | 430112       | MGMC_LF_OAR_UT_214         | Pipeline         |                            | Sewerage                   | United Utilities                         |                         |                               |                              | N/A  | 3     |
| 331765       | 430109       | MGMC_LF_OAR_UT_215         | Pipeline         |                            | Sewerage                   | United Utilities                         |                         |                               |                              | N/A  | 3     |
| 331767       | 430109       | MGMC_LF_OAR_UT_216         | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 3     |
| 331767       | 430111       | MGMC_LF_OAR_UT_217         | Cable            |                            | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 3     |
| 331773       | 430108       | MGMC_ECC_TAT_EN_218        | Hedgerow         |                            | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track             | 3     |
| 331781       | 430431       | MGMC_LF_OAR_UT_219         | Pipeline         |                            | Sewerage                   | United Utilities                         |                         |                               |                              | N/A  | 3     |
| 331781       | 430431       | MGMC_LF_OAR_UT_220         | Pipeline         |                            | Sewerage                   | United Utilities                         |                         |                               |                              | N/A  | 3     |
| 331791       | 430734       | MGMC_ECC_UT_221            | Cable            |                            | Telecom                    | Openreach [British Telecommunications]   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 5     |
| 331828       | 430325       | MGMC_LF_OAR_UT_222         | Pipeline         |                            | Sewerage                   | United Utilities                         |                         |                               |                              | N/A  | 3     |

| X Coordinate | Y Coordinate | Crossing Identification No | Type of Obstacle | Obstacle Name        | Obstacle Description       | Asset Owner                              | Trenchless Technique ID | Trenchless Technique Category | Trenchless Techniques Length | Proposed Crossing Method                       | Sheet |
|--------------|--------------|----------------------------|------------------|----------------------|----------------------------|--|-------------------------|-------------------------------|------------------------------|--|-------|
| 331829       | 430324       | MGMC_LF_OAR_UT_223         | Pipeline         |                      | Sewerage                   | United Utilities                         |                         |                               |                              | N/A  | 3     |
| 332260       | 430918       | MGMC_ECC_UT_224            | Cable            |                      | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 6     |
| 332302       | 430927       | MGMC_ECC_UT_225            | Cable            |                      | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 6     |
| 332337       | 430928       | MGMC_ECC_UT_226            | Pipeline         |                      | Water                      | United Utilities                         |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 6     |
| 332339       | 430887       | MGMC_ECC_UT_227            | Cable            |                      | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 6     |
| 332339       | 430887       | MGMC_ECC_UT_228            | Cable            |                      | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 6     |
| 332398       | 430752       | MGMC_ECC_TCC_UT_229        | Cable            |                      | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 6a    |
| 332413       | 430712       | MGMC_ECC_UT_230            | Cable            |                      | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 6a    |
| 332418       | 430717       | MGMC_ECC_UT_231            | Cable            |                      | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 6a    |
| 332420       | 430686       | MGMC_ECC_UT_232            | Pipeline         |                      | Gas                        | Cadent Gas                               |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 6a    |
| 332422       | 430688       | MGMC_ECC_UT_233            | Cable            |                      | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 6a    |
| 332422       | 430719       | MGMC_ECC_UT_234            | Cable            |                      | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 6a    |
| 332423       | 430686       | MGMC_ECC_UT_235            | Cable            |                      | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 6a    |
| 332423       | 430717       | MGMC_ECC_UT_236            | Cable            |                      | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 6a    |
| 332428       | 430711       | MGMC_ECC_UT_237            | Pipeline         |                      | Gas                        | Cadent Gas                               |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 6a    |
| 332428       | 430671       | MGMC_ECC_UT_238            | Cable            |                      | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 6a    |
| 332431       | 430679       | MGMC_ECC_RO_239            | Road             | Leach Lane           | Minor Road                 | Local Highway Authority                  |                         |                               |                              | Trenchless Techniques/ Open Cut                | 6a    |
| 332434       | 430670       | MGMC_ECC_UT_240            | Pipeline         |                      | Sewerage                   | United Utilities                         |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 6a    |
| 332435       | 430652       | MGMC_ECC_UT_241            | Cable            |                      | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 6a    |
| 332437       | 430699       | MGMC_ECC_UT_242            | Cable            |                      | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 6a    |
| 332437       | 430699       | MGMC_ECC_UT_243            | Cable            |                      | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 6a    |
| 332438       | 430667       | MGMC_ECC_UT_244            | Pipeline         |                      | Water                      | United Utilities                         |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 6a    |
| 332442       | 430633       | MGMC_ECC_TAT_UT_245        | Cable            |                      | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 6a    |
| 332445       | 430633       | MGMC_ECC_TAT_UT_246        | Cable            |                      | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 6a    |
| 332445       | 430631       | MGMC_ECC_TAT_UT_247        | Pipeline         |                      | Gas                        | Cadent Gas                               |                         |                               |                              | N/A  | 6a    |
| 332451       | 430676       | MGMC_ECC_UT_248            | Pipeline         |                      | Sewerage                   | United Utilities                         |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 6a    |
| 332451       | 430643       | MGMC_ECC_UT_249            | Cable            |                      | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 6a    |
| 332451       | 430641       | MGMC_ECC_UT_250            | Cable            |                      | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 6a    |
| 332451       | 430653       | MGMC_ECC_UT_251            | Cable            |                      | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 6a    |
| 332451       | 430685       | MGMC_ECC_UT_252            | Cable            |                      | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 6a    |
| 332452       | 430594       | MGMC_ECC_TAT_RO_253        | Road             | Leach Lane           | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A  | 6a    |
| 332454       | 430597       | MGMC_ECC_TAT_UT_254        | Cable            |                      | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 6a    |
| 332455       | 430681       | MGMC_ECC_UT_255            | Cable            |                      | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 6a    |
| 332457       | 430585       | MGMC_ECC_TAT_UT_256        | Pipeline         |                      | Gas                        | Cadent Gas                               |                         |                               |                              | N/A  | 6a    |
| 332457       | 430585       | MGMC_ECC_TAT_UT_257        | Pipeline         |                      | Gas                        | Cadent Gas                               |                         |                               |                              | N/A  | 6a    |
| 332457       | 430597       | MGMC_ECC_TAT_UT_258        | Pipeline         |                      | Sewerage                   | United Utilities                         |                         |                               |                              | N/A  | 6a    |
| 332460       | 430679       | MGMC_ECC_UT_259            | Cable            |                      | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 6a    |
| 332460       | 430677       | MGMC_ECC_UT_260            | Cable            |                      | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 6a    |
| 332462       | 430668       | MGMC_ECC_RO_261            | Road             | Blackpool Road North | Minor Road                 | Local Highway Authority                  |                         |                               |                              | Trenchless Techniques/ Open Cut                | 6a    |
| 332464       | 430569       | MGMC_ECC_TAT_UT_262        | Cable            |                      | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 6a    |
| 332465       | 430661       | MGMC_ECC_UT_263            | Cable            |                      | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 6a    |
| 332467       | 430654       | MGMC_ECC_UT_264            | Cable            |                      | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 6a    |
| 332467       | 430654       | MGMC_ECC_UT_265            | Cable            |                      | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 6a    |
| 332467       | 430663       | MGMC_ECC_UT_266            | Cable            |                      | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 6a    |
| 332470       | 430670       | MGMC_ECC_UT_267            | Cable            |                      | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 6a    |
| 332498       | 430713       | MGMC_ECC_EN_268            | Hedgerow         |                      | Hedgerow                   | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 6a    |
| 332562       | 430738       | MGMC_ECC_UT_269            | Cable            |                      | Underground Electric Cable | Electricity North West                   | 2                       | Major                         | 258                          | Trenchless Techniques Only                     | 6a    |
| 332565       | 430739       | MGMC_ECC_EN_270            | Hedgerow         |                      | Hedgerow                   | Private                                  | 2                       | Major                         | 258                          | Trenchless Techniques Only                     | 6a    |
| 332586       | 430748       | MGMC_ECC_UT_271            | Cable            |                      | Underground Electric Cable | Electricity North West                   | 2                       | Major                         | 258                          | Trenchless Techniques Only                     | 6a    |
| 332630       | 430766       | MGMC_ECC_UT_272            | Cable            |                      | Underground Electric Cable | Electricity North West                   | 2                       | Major                         | 258                          | Trenchless Techniques Only                     | 6a    |
| 332633       | 430757       | MGMC_ECC_UT_273            | Pipeline         |                      | Sewerage                   | United Utilities                         | 2                       | Major                         | 258                          | Trenchless Techniques Only                     | 6a    |
| 332683       | 430788       | MGMC_ECC_EN_274            | Hedgerow         |                      | Hedgerow                   | Private                                  | 2                       | Major                         | 258                          | Trenchless Techniques Only                     | 6a    |
| 332722       | 430803       | MGMC_ECC_EN_275            | Hedgerow         |                      | Hedgerow                   | Private                                  | 2                       | Major                         | 258                          | Trenchless Techniques Only                     | 6     |
| 332834       | 430835       | MGMC_ECC_RO_276            | Road             | The Hamlet           | Minor Road                 | Local Highway Authority                  | 3                       | Minor                         | 12                           | Trenchless Techniques Only with Haul Road      | 6     |
| 332836       | 430831       | MGMC_ECC_UT_277            | Pipeline         |                      | Water                      | United Utilities                         | 3                       | Minor                         | 12                           | Trenchless Techniques Only with Haul Road      | 6     |
| 332836       | 430832       | MGMC_ECC_UT_278            | Cable            |                      | Telecom                    | Openreach - [British Telecommunications] | 3                       | Minor                         | 12                           | Trenchless Techniques Only with Haul Road      | 6     |
| 332854       | 430834       | MGMC_ECC_UT_279            | Pipeline         |                      | Sewerage                   | United Utilities                         | 3                       | Minor                         | 12                           | Trenchless Techniques Only with Haul Road      | 6     |
| 332968       | 430840       | MGMC_ECC_UT_280            | Pipeline         |                      | Sewerage                   | United Utilities                         |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 6     |
| 333077       | 430832       | MGMC_ECC_UT_281            | Pipeline         |                      | Sewerage                   | United Utilities                         |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 7     |
| 333124       | 430819       | MGMC_ECC_UT_282            | Pipeline         |                      | Sewerage                   | United Utilities                         |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 7     |
| 333173       | 430818       | MGMC_ECC_UT_283            | Pipeline         |                      | Sewerage                   | United Utilities                         |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 7     |
| 333173       | 430818       | MGMC_ECC_UT_284            | Pipeline         |                      | Sewerage                   | United Utilities                         |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 7     |
| 333210       | 430827       | MGMC_ECC_UT_285            | Pipeline         |                      | Sewerage                   | United Utilities                         |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 7     |
| 333210       | 430827       | MGMC_ECC_UT_286            | Pipeline         |                      | Sewerage                   | United Utilities                         |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 7     |
| 333223       | 430829       | MGMC_ECC_UT_287            | Cable            |                      | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 7     |
| 333229       | 430839       | MGMC_ECC_UT_288            | Cable            |                      | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 7     |
| 333235       | 430833       | MGMC_ECC_UT_289            | Cable            |                      | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 7     |
| 333296       | 430866       | MGMC_ECC_UT_290            | Cable            |                      | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 7     |
| 333325       | 430875       | MGMC_ECC_UT_291            | Cable            |                      | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 7     |
| 333344       | 430963       | MGMC_ECC_PW_292            | Bridleway        | 5-2-BW 11            | Bridleway                  | Fylde Council                            |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 7     |
| 333372       | 430892       | MGMC_ECC_UT_293            | Cable            |                      | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 7     |
| 333374       | 430918       | MGMC_ECC_PW_294            | Bridleway        | 5-2-BW 11            | Bridleway                  | Fylde Council                            |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 7     |
| 333377       | 430809       | MGMC_ECC_UT_295            | Pipeline         |                      | Sewerage                   | United Utilities                         |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 7     |
| 333378       | 430917       | MGMC_ECC_UT_296            | Pipeline         |                      | Water                      | United Utilities                         |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 7     |

| X Coordinate | Y Coordinate | Crossing Identification No | Type of Obstacle | Obstacle Name     | Obstacle Description       | Asset Owner                              | Trenchless Technique ID | Trenchless Technique Category | Trenchless Techniques Length | Proposed Crossing Method   | Sheet |
|--------------|--------------|----------------------------|------------------|-------------------|----------------------------|--|-------------------------|-------------------------------|------------------------------|--|-------|
| 333387       | 430897       | MGMC_ECC_UT_297            | Cable            |                   | Underground Electric Cable | Electricity North West                   | 4                       | Minor                         | 40                           | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert                 | 7     |
| 333412       | 430865       | MGMC_ECC_UT_298            | Pipeline         |                   | Sewerage                   | United Utilities                         |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 7     |
| 333525       | 430790       | MGMC_ECC_UT_299            | Pipeline         |                   | Water                      | United Utilities                         |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 7     |
| 333552       | 430973       | MGMC_ECC_WA_300            | Watercourse      |                   | Main River (EA)            | Environment Agency                       | 4                       | Minor                         | 40                           | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert                 | 7a    |
| 333581       | 431109       | MGMC_ECC_TAT_RO_301        | Road             | Queensway (B5261) | B Road                     | Local Highway Authority                  |                         |                               |                              | N/A  | 7a    |
| 333599       | 431074       | MGMC_ECC_UT_302            | Pipeline         |                   | Water                      | United Utilities                         | 4                       | Minor                         | 40                           | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert                 | 7a    |
| 333606       | 431062       | MGMC_ECC_EN_303            | Hedgerow         |                   | Hedgerow                   | Private                                  | 4                       | Minor                         | 40                           | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert                 | 7a    |
| 333609       | 431043       | MGMC_ECC_WA_304            | Drain            |                   | Culvert                    | Private                                  | 4                       | Minor                         | 40                           | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert                 | 7a    |
| 333612       | 431038       | MGMC_ECC_WA_305            | Drain            |                   | Culvert                    | Private                                  | 4                       | Minor                         | 40                           | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert                 | 7a    |
| 333621       | 431064       | MGMC_ECC_EN_306            | Hedgerow         |                   | Hedgerow                   | Private                                  | 4                       | Minor                         | 40                           | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert                 | 7a    |
| 333630       | 431013       | MGMC_ECC_WA_307            | Drain            |                   | Culvert                    | Private                                  | 4                       | Minor                         | 40                           | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert                 | 7a    |
| 333630       | 431018       | MGMC_ECC_EN_308            | Hedgerow         |                   | Hedgerow                   | Private                                  | 4                       | Minor                         | 40                           | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert                 | 7a    |
| 333631       | 431055       | MGMC_ECC_WA_309            | Drain            |                   | Culvert                    | Private                                  | 4                       | Minor                         | 40                           | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert                 | 7a    |
| 333634       | 431050       | MGMC_ECC_WA_310            | Drain            |                   | Culvert                    | Private                                  | 4                       | Minor                         | 40                           | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert                 | 7a    |
| 333635       | 431036       | MGMC_ECC_EN_311            | Hedgerow         |                   | Hedgerow                   | Private                                  | 4                       | Minor                         | 40                           | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert                 | 7a    |
| 333644       | 431020       | MGMC_ECC_WA_312            | Drain            |                   | Culvert                    | Private                                  | 4                       | Minor                         | 40                           | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert                 | 7a    |
| 333647       | 431026       | MGMC_ECC_WA_313            | Drain            |                   | Drain                      | Private                                  | 4                       | Minor                         | 40                           | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert                 | 7a    |
| 333648       | 431007       | MGMC_ECC_EN_314            | Hedgerow         |                   | Hedgerow                   | Private                                  | 4                       | Minor                         | 40                           | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert                 | 7a    |
| 333657       | 430940       | MGMC_ECC_EN_315            | Hedgerow         |                   | Hedgerow                   | Private                                  | 4                       | Minor                         | 40                           | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert                 | 7a    |
| 333658       | 430934       | MGMC_ECC_UT_316            | Pipeline         |                   | Water                      | United Utilities                         | 4                       | Minor                         | 40                           | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert                 | 7a    |
| 333665       | 430933       | MGMC_ECC_RO_317            | Road             | Queensway (B5261) | B Road                     | Local Highway Authority                  | 4                       | Minor                         | 40                           | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert                 | 7a    |
| 333669       | 430944       | MGMC_ECC_EN_318            | Hedgerow         |                   | Hedgerow                   | Private                                  | 4                       | Minor                         | 40                           | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert                 | 7a    |
| 333670       | 430833       | MGMC_ECC_EN_319            | Hedgerow         |                   | Hedgerow                   | Private                                  | 4                       | Minor                         | 40                           | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert                 | 7a    |
| 333672       | 430928       | MGMC_ECC_UT_320            | Cable            |                   | Underground Electric Cable | Electricity North West                   | 4                       | Minor                         | 40                           | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert                 | 7a    |
| 333682       | 430833       | MGMC_ECC_EN_321            | Hedgerow         |                   | Hedgerow                   | Private                                  | 4                       | Minor                         | 40                           | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert                 | 7a    |
| 333726       | 427187       | MGMC_ECO_UT_322            | Cable            |                   | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 37    |
| 333993       | 430896       | MGMC_ECC_PW_323            | Bridleway        | 5-2-BW 12         | Bridleway                  | Fylde Council                            | 5                       | Minor                         | 135                          | Trenchless Techniques Only   | 7a    |
| 333994       | 430959       | MGMC_ECC_WA_324            | Watercourse      | Moss Sluice       | Main River (EA)            | Environment Agency                       | 5                       | Minor                         | 135                          | Trenchless Techniques Only   | 7a    |
| 334004       | 430964       | MGMC_ECC_PW_325            | Bridleway        | 5-2-BW-13         | Bridleway                  | Fylde Council                            | 5                       | Minor                         | 135                          | Trenchless Techniques Only   | 7a    |
| 334005       | 430964       | MGMC_ECC_UT_326            | Pipeline         |                   | Water                      | United Utilities                         | 5                       | Minor                         | 135                          | Trenchless Techniques Only   | 7a    |
| 334016       | 430948       | MGMC_ECC_PW_327            | Bridleway        | 5-2-BW-13         | Bridleway                  | Fylde Council                            | 5                       | Minor                         | 135                          | Trenchless Techniques Only   | 7a    |
| 334018       | 430963       | MGMC_ECC_UT_328            | Cable            |                   | Underground Electric Cable | Electricity North West                   | 5                       | Minor                         | 135                          | Trenchless Techniques Only   | 7a    |
| 334019       | 430963       | MGMC_ECC_UT_329            | Cable            |                   | Underground Electric Cable | Electricity North West                   | 5                       | Minor                         | 135                          | Trenchless Techniques Only   | 7a    |
| 334019       | 430964       | MGMC_ECC_UT_330            | Cable            |                   | Underground Electric Cable | Electricity North West                   | 5                       | Minor                         | 135                          | Trenchless Techniques Only   | 7a    |
| 334022       | 430949       | MGMC_ECC_WA_331            | Drain            |                   | Drain                      | Private                                  | 5                       | Minor                         | 135                          | Trenchless Techniques Only   | 7a    |
| 334023       | 430965       | MGMC_ECC_PW_332            | Bridleway        | 5-2-BW 12         | Bridleway                  | Fylde Council                            | 5                       | Minor                         | 135                          | Trenchless Techniques Only   | 7a    |
| 334033       | 431007       | MGMC_ECC_WA_333            | Watercourse      |                   | Main River (EA)            | Environment Agency                       | 5                       | Minor                         | 135                          | Trenchless Techniques Only   | 7a    |
| 334044       | 431016       | MGMC_ECC_PW_334            | Bridleway        | 5-2-BW 12         | Bridleway                  | Fylde Council                            | 5                       | Minor                         | 135                          | Trenchless Techniques Only   | 7a    |
| 334044       | 430923       | MGMC_ECC_WA_335            | Drain            |                   | Drain                      | Private                                  | 5                       | Minor                         | 135                          | Trenchless Techniques Only   | 7a    |
| 334045       | 430925       | MGMC_ECC_EN_336            | Hedgerow         |                   | Hedgerow                   | Private                                  | 5                       | Minor                         | 135                          | Trenchless Techniques Only   | 7a    |
| 334046       | 431012       | MGMC_ECC_WA_337            | Drain            |                   | Drain                      | Private                                  | 5                       | Minor                         | 135                          | Trenchless Techniques Only   | 7a    |
| 334074       | 430888       | MGMC_ECC_OAR_UT_338        | Pipeline         |                   | Water                      | United Utilities                         |                         |                               |                              | N/A  | 7a    |
| 334127       | 430829       | MGMC_ECC_OAR_UT_339        | Pipeline         |                   | Water                      | United Utilities                         |                         |                               |                              | N/A  | 7     |
| 334146       | 430807       | MGMC_ECC_OAR_PW_340        | Bridleway        | 5-2-BW-13         | Bridleway                  | Fylde Council                            |                         |                               |                              | N/A  | 7     |
| 334205       | 430744       | MGMC_ECC_OAR_UT_341        | Pipeline         |                   | Water                      | United Utilities                         |                         |                               |                              | N/A  | 8     |
| 334380       | 431083       | MGMC_ECC_WA_342            | Drain            |                   | Drain                      | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 8     |
| 334381       | 431115       | MGMC_ECC_EN_343            | Hedgerow         |                   | Hedgerow                   | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 8     |
| 334382       | 431108       | MGMC_ECC_RO_344            | Road             | Midgeland Road    | Minor Road                 | Local Highway Authority                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 8     |
| 334403       | 431147       | MGMC_ECC_WA_345            | Drain            |                   | Drain                      | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 8     |
| 334410       | 431183       | MGMC_ECC_OAR_WA_346        | Watercourse      | Branch Drain      | Main River (EA)            | Environment Agency                       |                         |                               |                              | N/A  | 8     |



| X Coordinate | Y Coordinate | Crossing Identification No | Type of Obstacle | Obstacle Name               | Obstacle Description       | Asset Owner                              | Trenchless Technique ID | Trenchless Technique Category | Trenchless Techniques Length | Proposed Crossing Method   | Sheet |
|--------------|--------------|----------------------------|------------------|-----------------------------|----------------------------|--|-------------------------|-------------------------------|------------------------------|--|-------|
| 334525       | 431066       | MGMC_ECC_WA_347            | Watercourse      | Branch Drain                | Main River (EA)            | Environment Agency                       | 6                       | Minor                         | 124                          | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert | 8     |
| 334614       | 431022       | MGMC_ECC_WA_348            | Watercourse      |                             | Main River (EA)            | Environment Agency                       | 6                       | Minor                         | 124                          | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert | 8     |
| 334623       | 430973       | MGMC_ECC_WA_349            | Drain            |                             | Culvert                    | Private                                  | 6                       | Minor                         | 124                          | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert | 8     |
| 334629       | 430968       | MGMC_ECC_WA_350            | Drain            |                             | Culvert                    | Private                                  | 6                       | Minor                         | 124                          | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert | 8     |
| 334731       | 430864       | MGMC_ECC_TAT_UT_351        | Pipeline         |                             | Water                      | United Utilities                         |                         |                               |                              | N/A  | 8     |
| 334806       | 430612       | MGMC_ECC_TAT_UT_352        | Cable            |                             | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 8     |
| 334809       | 430616       | MGMC_ECC_TAT_RO_353        | Road             | Lytham St Annes Way (B5410) | B Road                     | Local Highway Authority                  |                         |                               |                              | N/A  | 8     |
| 334810       | 430623       | MGMC_ECC_TAT_UT_354        | Cable            |                             | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 8     |
| 334813       | 430627       | MGMC_ECC_TAT_UT_355        | Cable            |                             | Telecom                    | Zayo Group UK Ltd co JSM Group Ltd       |                         |                               |                              | N/A  | 8     |
| 334816       | 430632       | MGMC_ECC_TAT_UT_356        | Cable            |                             | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 8     |
| 334830       | 430678       | MGMC_ECC_TAT_UT_357        | Cable            |                             | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 8     |
| 334834       | 430680       | MGMC_ECC_TAT_UT_358        | Cable            |                             | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 8     |
| 334849       | 430944       | MGMC_ECC_UT_359            | Pipeline         |                             | Water                      | United Utilities                         | 7                       | Minor                         | 139                          | Trenchless Techniques Only with Haul Road                                  | 8     |
| 334854       | 430739       | MGMC_ECC_TAT_RO_360        | Road             | Lytham St Annes Way (B5410) | B Road                     | Local Highway Authority                  |                         |                               |                              | N/A  | 8     |
| 334862       | 430759       | MGMC_ECC_TAT_UT_361        | Cable            |                             | Telecom                    | Zayo Group UK Ltd co JSM Group Ltd       |                         |                               |                              | N/A  | 8     |
| 334869       | 430772       | MGMC_ECC_TAT_UT_362        | Cable            |                             | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 8     |
| 334871       | 430785       | MGMC_ECC_TAT_WA_363        | Watercourse      | Branch Drain                | Main River (EA)            | Environment Agency                       |                         |                               |                              | Bridge (Bailey Bridge/ Clear Span)/culvert                                 | 8     |
| 334880       | 430809       | MGMC_ECC_OAR_UT_364        | Cable            |                             | Telecom                    | Zayo Group UK Ltd co JSM Group Ltd       |                         |                               |                              | N/A  | 8     |
| 334880       | 430809       | MGMC_ECC_OAR_RO_365        | Road             | Lytham St Annes Way (B5410) | B Road                     | Local Highway Authority                  |                         |                               |                              | N/A  | 8     |
| 334882       | 430808       | MGMC_ECC_OAR_UT_366        | Cable            |                             | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 8     |
| 334884       | 430816       | MGMC_ECC_TAT_UT_367        | Cable            |                             | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 8     |
| 334900       | 430928       | MGMC_ECC_UT_368            | Cable            |                             | Telecom                    | Zayo Group UK Ltd co JSM Group Ltd       | 7                       | Minor                         | 139                          | Trenchless Techniques Only with Haul Road                                  | 8     |
| 334900       | 430928       | MGMC_ECC_RO_369            | Road             | Lytham St Annes Way (B5410) | B Road                     | Local Highway Authority                  | 7                       | Minor                         | 139                          | Trenchless Techniques Only with Haul Road                                  | 8     |
| 334901       | 430855       | MGMC_ECC_TAT_UT_370        | Cable            |                             | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 8     |
| 334902       | 430927       | MGMC_ECC_UT_371            | Cable            |                             | Telecom                    | Openreach - [British Telecommunications] | 7                       | Minor                         | 139                          | Trenchless Techniques Only with Haul Road                                  | 8     |
| 334904       | 430902       | MGMC_ECC_UT_372            | Cable            |                             | Telecom                    | Openreach - [British Telecommunications] | 7                       | Minor                         | 139                          | Trenchless Techniques Only with Haul Road                                  | 8     |
| 334952       | 430945       | MGMC_ECC_PW_374            | Bridleway        | 5-2-BW 16                   | Bridleway                  | Fylde Council                            | 7                       | Minor                         | 139                          | Trenchless Techniques Only with Haul Road                                  | 8     |
| 335357       | 430855       | MGMC_ECC_UT_375            | Cable            |                             | Underground Electric Cable | Electricity North West                   | 8                       | Minor                         | 111                          | Trenchless Techniques Only with Haul Road                                  | 9     |
| 335383       | 430420       | MGMC_ECO_UT_376            | Cable            |                             | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 11    |
| 335383       | 430419       | MGMC_ECO_UT_377            | Cable            |                             | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 11    |
| 335383       | 430420       | MGMC_ECO_UT_378            | Cable            |                             | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 11    |
| 335386       | 430383       | MGMC_ECO_UT_379            | Cable            |                             | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 11    |
| 335389       | 430364       | MGMC_ECO_UT_380            | Cable            |                             | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 11    |
| 335458       | 430132       | MGMC_ECO_UT_381            | Cable            |                             | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 11    |
| 335478       | 430293       | MGMC_ECO_UT_382            | Cable            |                             | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 11    |
| 335517       | 430055       | MGMC_ECO_EN_383            | Hedgerow         |                             | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 11    |
| 335549       | 430882       | MGMC_ECC_UT_384            | Cable            |                             | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion                         | 9     |
| 335556       | 430878       | MGMC_ECC_UT_385            | Cable            |                             | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road                             | 9     |
| 335632       | 430005       | MGMC_ECO_EN_386            | Hedgerow         |                             | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 12    |
| 335633       | 430780       | MGMC_ECC_WA_387            | Drain            |                             | Drain                      | Private                                  | 9                       | Minor                         | 140                          | Trenchless Techniques Only   | 9     |
| 335662       | 429706       | MGMC_ECO_UT_388            | Pipeline         |                             | Water                      | United Utilities                         |                         |                               |                              | N/A  | 12    |
| 335676       | 429784       | MGMC_ECO_WA_389            | Drain            |                             | Drain                      | Private                                  |                         |                               |                              | N/A  | 12    |
| 335697       | 430160       | MGMC_ECO_EN_390            | Hedgerow         |                             | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 10    |
| 335698       | 429974       | MGMC_ECO_EN_391            | Hedgerow         |                             | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 12    |
| 335716       | 430341       | MGMC_ECO_OAR_UT_392        | Cable            |                             | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 10    |
| 335716       | 430341       | MGMC_ECO_OAR_UT_393        | Cable            |                             | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 10    |
| 335716       | 430341       | MGMC_ECO_OAR_UT_394        | Cable            |                             | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 10    |
| 335716       | 430341       | MGMC_ECO_OAR_UT_395        | Cable            |                             | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 10    |
| 335795       | 429783       | MGMC_ECO_UT_396            | Pipeline         |                             | Water                      | United Utilities                         |                         |                               |                              | N/A  | 12    |
| 335809       | 430283       | MGMC_ECO_UT_397            | Cable            |                             | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 10    |
| 335846       | 430211       | MGMC_ECO_EN_398            | Hedgerow         |                             | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 10    |
| 335849       | 430569       | MGMC_ECC_OAR_EN_399        | Hedgerow         |                             | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 9     |
| 335885       | 431172       | MGMC_ECC_OAR_RO_400        | Road             | Peel Road                   | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A  | 9     |
| 335921       | 429962       | MGMC_ECO_EN_403            | Hedgerow         |                             | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 12    |
| 335927       | 430556       | MGMC_ECC_OAR_EN_404        | Hedgerow         |                             | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 10a   |
| 335950       | 429873       | MGMC_ECO_OAR_UT_405        | Pipeline         |                             | Water                      | United Utilities                         |                         |                               |                              | N/A  | 12    |
| 335964       | 430770       | MG_ECC_TAT_RO_406          | Road             | Peel Road                   | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A  | 9     |
| 335969       | 430754       | MG_ECC_TAT_UT_407          | Pipeline         |                             | Gas                        | Cadent Gas                               |                         |                               |                              | N/A  | 9     |
| 335970       | 430752       | MG_ECC_TAT_UT_408          | Cable            |                             | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 9     |
| 335974       | 430770       | MG_ECC_TAT_EN_409          | Hedgerow         |                             | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track   | 9     |
| 335975       | 430720       | MG_ECC_TAT_EN_410          | Hedgerow         |                             | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track   | 9     |
| 335980       | 430727       | MGMC_ECC_TAT_UT_411        | Cable            |                             | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 9     |
| 335980       | 430727       | MGMC_ECC_TAT_UT_412        | Cable            |                             | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 9     |
| 335980       | 430727       | MGMC_ECC_TAT_UT_413        | Cable            |                             | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 9     |
| 335980       | 430725       | MGMC_ECC_TAT_RO_414        | Road             | Peel Road                   | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A  | 9     |
| 335988       | 430651       | MGMC_ECC_EN_415            | Hedgerow         |                             | Hedgerow                   | Private                                  | 10                      | Minor                         | 97                           | Trenchless Techniques Only with Haul Road                                  | 10a   |

| X Coordinate | Y Coordinate | Crossing Identification No | Type of Obstacle | Obstacle Name | Obstacle Description       | Asset Owner                              | Trenchless Technique ID | Trenchless Technique Category | Trenchless Techniques Length | Proposed Crossing Method                           | Sheet |
|--------------|--------------|----------------------------|------------------|---------------|----------------------------|--|-------------------------|-------------------------------|------------------------------|--|-------|
| 335990       | 430651       | MGMC_ECC_UT_416            | Pipeline         |               | Gas                        | Cadent Gas                               | 10                      | Minor                         | 97                           | Trenchless Techniques Only with Haul Road          | 10a   |
| 335991       | 430658       | MGMC_ECC_RO_417            | Road             | Peel Road     | Minor Road                 | Local Highway Authority                  | 10                      | Minor                         | 97                           | Trenchless Techniques Only with Haul Road          | 10a   |
| 335991       | 430650       | MGMC_ECC_UT_418            | Cable            |               | Telecom                    | Openreach - [British Telecommunications] | 10                      | Minor                         | 97                           | Trenchless Techniques Only with Haul Road          | 10a   |
| 335995       | 430649       | MGMC_ECC_UT_419            | Cable            |               | Underground Electric Cable | Electricity North West                   | 10                      | Minor                         | 97                           | Trenchless Techniques Only with Haul Road          | 10a   |
| 335995       | 430649       | MGMC_ECC_UT_420            | Cable            |               | Underground Electric Cable | Electricity North West                   | 10                      | Minor                         | 97                           | Trenchless Techniques Only with Haul Road          | 10a   |
| 335995       | 430649       | MGMC_ECC_UT_421            | Cable            |               | Underground Electric Cable | Electricity North West                   | 10                      | Minor                         | 97                           | Trenchless Techniques Only with Haul Road          | 10a   |
| 335999       | 430648       | MGMC_ECC_EN_423            | Hedgerow         |               | Hedgerow                   | Private                                  | 10                      | Minor                         | 97                           | Trenchless Techniques Only with Haul Road          | 10a   |
| 336006       | 430627       | MGMC_ECC_UT_424            | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion | 10a   |
| 336008       | 430566       | MC_ECC_TAT_UT_425          | Cable            |               | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 10a   |
| 336015       | 430538       | MGMC_ECC_OAR_UT_426        | Cable            |               | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 10a   |
| 336015       | 430538       | MGMC_ECC_OAR_UT_427        | Pipeline         |               | Gas                        | Cadent Gas                               |                         |                               |                              | N/A  | 10a   |
| 336015       | 430538       | MGMC_ECC_OAR_UT_428        | Cable            |               | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 10a   |
| 336019       | 430537       | MC_ECC_TAT_RO_429          | Road             | Peel Road     | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A  | 10a   |
| 336023       | 430538       | MGMC_ECC_TAT_EN_430        | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track                 | 10a   |
| 336027       | 430497       | MC_ECC_TAT_UT_431          | Pipeline         |               | Gas                        | Cadent Gas                               |                         |                               |                              | N/A  | 10a   |
| 336027       | 430497       | MC_ECC_TAT_UT_432          | Cable            |               | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 10a   |
| 336027       | 430496       | MC_ECC_TAT_UT_433          | Cable            |               | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 10a   |
| 336063       | 430379       | MGMC_ECC_OAR_RO_434        | Road             | Ballam Road   | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A  | 10    |
| 336063       | 430382       | MGMC_ECC_OAR_UT_435        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 10    |
| 336064       | 430379       | MGMC_ECC_OAR_UT_436        | Pipeline         |               | Gas                        | Cadent Gas                               |                         |                               |                              | N/A  | 10    |
| 336066       | 430378       | MGMC_ECC_OAR_UT_437        | Cable            |               | Telecom                    | Zayo Group UK Ltd co JSM Group Ltd       |                         |                               |                              | N/A  | 10    |
| 336067       | 430378       | MGMC_ECC_OAR_EN_438        | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 10    |
| 336082       | 430442       | MC_ECC_TAT_UT_439          | Cable            |               | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 10a   |
| 336082       | 430443       | MC_ECC_TAT_UT_440          | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 10a   |
| 336083       | 430443       | MC_ECC_TAT_UT_441          | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 10a   |
| 336083       | 430443       | MC_ECC_TAT_UT_442          | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 10a   |
| 336085       | 430451       | MC_ECC_TAT_UT_443          | Pipeline         |               | Water                      | United Utilities                         |                         |                               |                              | N/A  | 10a   |
| 336086       | 430442       | MC_ECC_TAT_RO_444          | Road             | Ballam Road   | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A  | 10a   |
| 336087       | 430444       | MC_ECC_OAR_UT_446          | Pipeline         |               | Gas                        | Cadent Gas                               |                         |                               |                              | N/A  | 10a   |
| 336087       | 430445       | MC_ECC_TAT_UT_447          | Pipeline         |               | Gas                        | Cadent Gas                               |                         |                               |                              | N/A  | 10a   |
| 336088       | 430112       | MGMC_ECC_TAT_UT_448        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 11    |
| 336088       | 430441       | MC_ECC_TAT_UT_449          | Cable            |               | Telecom                    | Zayo Group UK Ltd co JSM Group Ltd       |                         |                               |                              | N/A  | 10a   |
| 336089       | 430113       | MGMC_ECC_TAT_UT_450        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 11    |
| 336089       | 430450       | MC_ECC_OAR_RO_451          | Road             | Ballam Road   | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A  | 10a   |
| 336090       | 430444       | MC_ECC_OAR_UT_452          | Cable            |               | Telecom                    | Zayo Group UK Ltd co JSM Group Ltd       |                         |                               |                              | N/A  | 10a   |
| 336091       | 430443       | MGMC_ECC_OAR_EN_453        | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 10a   |
| 336095       | 430452       | MC_ECC_TCC_EN_454          | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary construction compound        | 10a   |
| 336097       | 430093       | MGMC_ECC_TAT_UT_455        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 11    |
| 336097       | 430093       | MGMC_ECC_TAT_UT_456        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 11    |
| 336099       | 430480       | MC_ECC_TAT_UT_457          | Pipeline         |               | Water                      | United Utilities                         |                         |                               |                              | N/A  | 10a   |
| 336107       | 430628       | MGMC_ECC_UT_458            | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion | 10a   |
| 336108       | 430489       | MC_ECC_TAT_RO_459          | Road             | Ballam Road   | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A  | 10a   |
| 336110       | 430039       | MGMC_ECC_OAR_EN_460        | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 12    |
| 336111       | 430503       | MGMC_ECC_TAT_EN_461        | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track                 | 10a   |
| 336111       | 430040       | MGMC_ECO_OAR_UT_462        | Pipeline         |               | Water                      | United Utilities                         |                         |                               |                              | N/A  | 12    |
| 336111       | 430040       | MGMC_ECO_OAR_UT_463        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 12    |
| 336112       | 430040       | MGMC_ECO_OAR_UT_464        | Cable            |               | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 12    |
| 336117       | 430036       | MGMC_ECO_OAR_UT_465        | Cable            |               | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 12    |
| 336118       | 430496       | MGMC_ECC_TAT_EN_466        | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track                 | 10a   |
| 336118       | 430041       | MGMC_ECC_OAR_RO_467        | Road             | Ballam Road   | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A  | 12    |
| 336120       | 430037       | MGMC_ECC_TAT_UT_468        | Cable            |               | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 12    |
| 336136       | 429998       | MGMC_ECC_TAT_RO_469        | Road             | Ballam Road   | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A  | 12    |
| 336139       | 429996       | MGMC_ECC_TAT_UT_470        | Cable            |               | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 12    |
| 336143       | 429987       | MGMC_ECC_TAT_EN_471        | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track                 | 12    |
| 336162       | 430601       | MGMC_ECC_EN_472            | Hedgerow         |               | Hedgerow                   | Private                                  | 11                      | Minor                         | 94                           | Trenchless Techniques Only with Haul Road          | 10a   |
| 336163       | 429941       | MGMC_ECC_TAT_EN_473        | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track                 | 12    |
| 336163       | 430599       | MGMC_ECC_UT_474            | Pipeline         |               | Water                      | United Utilities                         | 11                      | Minor                         | 94                           | Trenchless Techniques Only with Haul Road          | 10a   |
| 336164       | 430597       | MGMC_ECC_RO_475            | Road             | Ballam Road   | Minor Road                 | Local Highway Authority                  | 11                      | Minor                         | 94                           | Trenchless Techniques Only with Haul Road          | 10a   |
| 336166       | 429931       | MGMC_ECC_OAR_UT_476        | Pipeline         |               | Gas                        | Cadent Gas                               |                         |                               |                              | N/A  | 12    |
| 336166       | 429931       | MGMC_ECC_OAR_UT_477        | Cable            |               | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 12    |
| 336167       | 429931       | MGMC_ECC_OAR_EN_478        | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 12    |
| 336167       | 429931       | MGMC_ECC_OAR_EN_479        | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 12    |
| 336167       | 429930       | MGMC_ECC_TAT_EN_480        | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track                 | 12    |
| 336168       | 429919       | MGMC_ECC_TAT_RO_481        | Road             | Ballam Road   | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A  | 12    |
| 336171       | 430595       | MGMC_ECC_UT_483            | Cable            |               | Telecom                    | Zayo Group UK Ltd co JSM Group Ltd       | 11                      | Minor                         | 94                           | Trenchless Techniques Only with Haul Road          | 10a   |
| 336171       | 429922       | MGMC_ECC_TAT_EN_484        | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track                 | 12    |
| 336172       | 430595       | MGMC_ECC_EN_485            | Hedgerow         |               | Hedgerow                   | Private                                  | 11                      | Minor                         | 94                           | Trenchless Techniques Only with Haul Road          | 10a   |
| 336173       | 429916       | MGMC_ECC_TAT_EN_486        | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track                 | 12    |
| 336182       | 429894       | MGMC_ECC_TAT_UT_487        | Pipeline         |               | Gas                        | Cadent Gas                               |                         |                               |                              | N/A  | 12    |
| 336195       | 430647       | MGMC_ECC_UT_488            | Cable            |               | Telecom                    | Openreach - [British Telecommunications] | 11                      | Minor                         | 94                           | Trenchless Techniques Only with Haul Road          | 10a   |
| 336196       | 430661       | MG_ECC_TAT_EN_489          | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track                 | 10a   |
| 336203       | 430661       | MG_ECC_TAT_UT_490          | Cable            |               | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 10a   |
| 336205       | 430657       | MG_ECC_TAT_RO_491          | Road             | Ballam Road   | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A  | 10a   |
| 336212       | 430658       | MG_ECC_TAT_EN_492          | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track                 | 10a   |

| X Coordinate | Y Coordinate | Crossing Identification No | Type of Obstacle | Obstacle Name | Obstacle Description | Asset Owner                              | Trenchless Technique ID | Trenchless Technique Category | Trenchless Techniques Length | Proposed Crossing Method   | Sheet |
|--------------|--------------|----------------------------|------------------|---------------|----------------------|--|-------------------------|-------------------------------|------------------------------|--|-------|
| 336216       | 430390       | MGMC_ECC_OAR_UT_493        | Cable            |               | Overhead Line        | Electricity North West                   |                         |                               |                              | N/A  | 10    |
| 336216       | 430663       | MG_ECC_TAT_EN_494          | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | Removal for temporary access track   | 10a   |
| 336219       | 429811       | MGMC_ECC_TAT_EN_495        | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | Removal for temporary access track   | 12    |
| 336222       | 430403       | MC_ECC_TCC_UT_496          | Cable            |               | Overhead Line        | Electricity North West                   |                         |                               |                              | N/A / Microsite / Diversion  | 10    |
| 336226       | 429789       | MGMC_ECC_TAT_RO_497        | Road             | Ballam Road   | Minor Road           | Local Highway Authority                  |                         |                               |                              | N/A  | 12    |
| 336231       | 430700       | MG_ECC_TAT_RO_498          | Road             | Ballam Road   | Minor Road           | Local Highway Authority                  |                         |                               |                              | N/A  | 10    |
| 336231       | 430303       | MGMC_ECC_OAR_UT_499        | Cable            |               | Overhead Line        | Electricity North West                   |                         |                               |                              | N/A  | 10    |
| 336232       | 430302       | MGMC_ECC_OAR_UT_500        | Cable            |               | Overhead Line        | Electricity North West                   |                         |                               |                              | N/A  | 10    |
| 336232       | 429780       | MGMC_ECC_TAT_UT_501        | Cable            |               | Telecom              | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 12    |
| 336235       | 429770       | MGMC_ECC_TAT_UT_502        | Pipeline         |               | Water                | United Utilities                         |                         |                               |                              | N/A  | 12    |
| 336237       | 430703       | MG_ECC_TAT_EN_503          | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | Removal for temporary access track   | 10    |
| 336240       | 429771       | MGMC_ECC_TAT_WA_504        | Watercourse      |               | Main River (EA)      | Environment Agency                       |                         |                               |                              | Bridge (Bailey Bridge/ Clear Span)/culvert   | 12    |
| 336240       | 429763       | MGMC_ECC_TAT_EN_505        | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | Removal for temporary access track   | 12    |
| 336241       | 429770       | MGMC_ECC_TAT_WA_506        | Drain            |               | Drain                | Private                                  |                         |                               |                              | Bridge/Culvert   | 12    |
| 336254       | 430734       | MG_ECC_TAT_UT_507          | Cable            |               | Telecom              | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 10    |
| 336255       | 430746       | MG_ECC_TAT_UT_508          | Pipeline         |               | Water                | United Utilities                         |                         |                               |                              | N/A  | 10    |
| 336259       | 430364       | MGMC_ECC_PW_509            | Footpath         |               | Private Access Track | Fylde Council                            | 12                      | Minor                         | 88                           | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert                 | 10    |
| 336261       | 430498       | MGMC_ECC_UT_510            | Cable            |               | Overhead Line        | Electricity North West                   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion   | 10    |
| 336287       | 430046       | MGMC_ECC_TAT_UT_511        | Cable            |               | Overhead Line        | Electricity North West                   |                         |                               |                              | N/A  | 12    |
| 336288       | 429647       | MGMC_ECC_TAT_UT_512        | Pipeline         |               | Gas                  | Cadent Gas                               |                         |                               |                              | N/A  | 12    |
| 336294       | 430347       | MGMC_ECC_UT_513            | Cable            |               | Overhead Line        | Electricity North West                   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion   | 10    |
| 336296       | 430339       | MGMC_ECC_WA_514            | Watercourse      | Branch Drain  | Main River (EA)      | Environment Agency                       | 12                      | Minor                         | 88                           | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert                 | 10    |
| 336303       | 429953       | MGMC_ECC_OAR_UT_515        | Cable            |               | Overhead Line        | Electricity North West                   |                         |                               |                              | N/A  | 12    |
| 336316       | 430340       | MGMC_ECC_PW_516            | Footpath         |               | Private Access Track | Fylde Council                            | 12                      | Minor                         | 88                           | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert                 | 10    |
| 336326       | 429833       | MGMC_ECC_TAT_UT_517        | Cable            |               | Overhead Line        | Electricity North West                   |                         |                               |                              | N/A  | 12    |
| 336434       | 429944       | MGMC_ECC_WA_518            | Drain            |               | Drain                | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 12    |
| 336479       | 430684       | MG_ECC_TAT_UT_519          | Cable            |               | Overhead Line        | Electricity North West                   |                         |                               |                              | N/A  | 10    |
| 336487       | 430690       | MG_ECC_TAT_UT_520          | Cable            |               | Overhead Line        | Electricity North West                   |                         |                               |                              | N/A  | 10    |
| 336508       | 430704       | MG_ECC_TAT_WA_521          | Drain            |               | Drain                | Private                                  |                         |                               |                              | Bridge/Culvert   | 10    |
| 336509       | 430706       | MG_ECC_OAR_RO_522          | Road             | Brays Road    | Minor Road           | Local Highway Authority                  |                         |                               |                              | N/A  | 10    |
| 336512       | 430708       | MG_ECC_TAT_RO_523          | Road             | Brays Road    | Minor Road           | Local Highway Authority                  |                         |                               |                              | N/A  | 10    |
| 336573       | 429904       | MGMC_ECC_WA_524            | Drain            |               | Drain                | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 12    |
| 336575       | 429849       | MGMC_ECC_WA_525            | Drain            |               | Drain                | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 12    |
| 336591       | 429753       | MGMC_ECC_OAR_WA_526        | Watercourse      |               | Main River (EA)      | Environment Agency                       |                         |                               |                              | N/A  | 12    |
| 336642       | 429566       | MGMC_ECC_OAR_EN_527        | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | N/A  | 12    |
| 336896       | 429574       | MC_ECC_TAT_UT_528          | Pipeline         |               | Gas                  | Cadent Gas                               |                         |                               |                              | N/A  | 13a   |
| 336900       | 429574       | MC_ECC_TAT_UT_529          | Pipeline         |               | Gas                  | Cadent Gas                               |                         |                               |                              | N/A  | 13a   |
| 336905       | 429834       | MGMC_ECC_WA_530            | Drain            |               | Drain                | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 13    |
| 336975       | 429586       | MGMC_ECC_TAT_EN_531        | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | Removal for temporary access track   | 13a   |
| 336992       | 429577       | MC_ECC_TAT_WA_532          | Drain            |               | Drain                | Private                                  |                         |                               |                              | Bridge/Culvert   | 13a   |
| 336994       | 429590       | MC_ECC_TAT_WA_533          | Drain            |               | Drain                | Private                                  |                         |                               |                              | Bridge/Culvert   | 13a   |
| 336998       | 429806       | MGMC_ECC_WA_534            | Drain            |               | Drain                | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 13    |
| 337002       | 429585       | MC_ECC_TAT_RO_535          | Road             | Peg's Lane    | Minor Road           | Local Highway Authority                  |                         |                               |                              | N/A  | 13a   |
| 337002       | 429579       | MGMC_ECC_TAT_EN_536        | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | Removal for temporary access track   | 13a   |
| 337005       | 429600       | MC_ECC_TAT_WA_537          | Watercourse      |               | Main River (EA)      | Environment Agency                       |                         |                               |                              | Bridge (Bailey Bridge/ Clear Span)/culvert   | 13a   |
| 337015       | 429601       | MC_ECC_OAR_WA_538          | Watercourse      |               | Main River (EA)      | Environment Agency                       |                         |                               |                              | N/A  | 13a   |
| 337017       | 429590       | MGMC_ECC_OAR_EN_539        | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | N/A  | 13a   |
| 337018       | 429592       | MGMC_ECC_OAR_WA_540        | Drain            |               | Drain                | Private                                  |                         |                               |                              | N/A  | 13a   |
| 337019       | 429623       | MC_ECC_TAT_WA_541          | Drain            |               | Drain                | Private                                  |                         |                               |                              | Bridge/Culvert   | 13a   |
| 337040       | 429586       | MC_ECC_TAT_WA_542          | Watercourse      |               | Main River (EA)      | Environment Agency                       |                         |                               |                              | Bridge (Bailey Bridge/ Clear Span)/culvert   | 13a   |
| 337042       | 429583       | MGMC_ECC_TAT_EN_543        | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | Removal for temporary access track   | 13a   |
| 337046       | 429583       | MC_ECC_TAT_WA_544          | Drain            |               | Drain                | Private                                  |                         |                               |                              | Bridge/Culvert   | 13a   |
| 337057       | 429544       | MC_ECC_TAT_WA_546          | Watercourse      |               | Main River (EA)      | Environment Agency                       |                         |                               |                              | Bridge (Bailey Bridge/ Clear Span)/culvert   | 13a   |
| 337057       | 429545       | MC_ECC_TAT_WA_547          | Drain            |               | Drain                | Private                                  |                         |                               |                              | Bridge/Culvert   | 13a   |
| 337058       | 429581       | MC_ECC_TAT_WA_548          | Drain            |               | Drain                | Private                                  |                         |                               |                              | Bridge/Culvert   | 13a   |
| 337096       | 429589       | MGMC_ECC_WA_549            | Drain            |               | Drain                | Private                                  | 13                      | Minor                         | 96                           | Trenchless Techniques Only with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert      | 13a   |
| 337114       | 429586       | MGMC_ECC_EN_550            | Hedgerow         |               | Hedgerow             | Private                                  | 13                      | Minor                         | 96                           | Trenchless Techniques Only with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert      | 13a   |
| 337117       | 429584       | MGMC_ECC_RO_551            | Road             | Peg's Lane    | Minor Road           | Local Highway Authority                  | 13                      | Minor                         | 96                           | Trenchless Techniques Only with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert      | 13a   |
| 337118       | 429581       | MGMC_ECC_UT_552            | Pipeline         |               | Gas                  | Cadent Gas                               | 13                      | Minor                         | 96                           | Trenchless Techniques Only with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert      | 13a   |
| 337119       | 429579       | MGMC_ECC_EN_553            | Hedgerow         |               | Hedgerow             | Private                                  | 13                      | Minor                         | 96                           | Trenchless Techniques Only with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert      | 13a   |

| X Coordinate | Y Coordinate | Crossing Identification No | Type of Obstacle | Obstacle Name          | Obstacle Description       | Asset Owner                              | Trenchless Technique ID | Trenchless Technique Category | Trenchless Techniques Length | Proposed Crossing Method  | Sheet |
|--------------|--------------|----------------------------|------------------|------------------------|----------------------------|--|-------------------------|-------------------------------|------------------------------|---|-------|
| 337119       | 429577       | MGMC_ECC_WA_554            | Drain            |                        | Drain                      | Private                                  | 13                      | Minor                         | 96                           | Trenchless Techniques Only with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 13a   |
| 337165       | 429626       | MG_ECC_TAT_EN_556          | Hedgerow         |                        | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track  | 13a   |
| 337166       | 429589       | MGMC_ECC_EN_557            | Hedgerow         |                        | Hedgerow                   | Private                                  | 13                      | Minor                         | 96                           | Trenchless Techniques Only with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 13a   |
| 337168       | 429583       | MGMC_ECC_EN_558            | Hedgerow         |                        | Hedgerow                   | Private                                  | 13                      | Minor                         | 96                           | Trenchless Techniques Only with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 13a   |
| 337181       | 429578       | MG_ECC_TAT_UT_559          | Pipeline         |                        | Gas                        | Cadent Gas                               |                         |                               |                              | N/A   | 13a   |
| 337188       | 429573       | MG_ECC_OAR_WA_560          | Drain            |                        | Drain                      | Private                                  |                         |                               |                              | N/A   | 13a   |
| 337190       | 429575       | MGMC_ECC_OAR_EN_561        | Hedgerow         |                        | Hedgerow                   | Private                                  |                         |                               |                              | N/A   | 13a   |
| 337190       | 429577       | MG_ECC_OAR_UT_562          | Pipeline         |                        | Gas                        | Cadent Gas                               |                         |                               |                              | N/A   | 13a   |
| 337197       | 429579       | MG_ECC_TAT_RO_563          | Road             | Peg's Lane             | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A   | 13a   |
| 337198       | 429572       | MG_ECC_TAT_WA_564          | Drain            |                        | Drain                      | Private                                  |                         |                               |                              | Bridge/Culvert  | 13a   |
| 337203       | 429582       | MG_ECC_TAT_EN_565          | Hedgerow         |                        | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track  | 13a   |
| 337246       | 429574       | MG_ECC_TAT_EN_566          | Hedgerow         |                        | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track  | 13a   |
| 337260       | 429571       | MG_ECC_TAT_WA_567          | Drain            |                        | Drain                      | Private                                  |                         |                               |                              | Bridge/Culvert  | 13a   |
| 337272       | 429371       | MGMC_ECC_EN_568            | Hedgerow         |                        | Hedgerow                   | Private                                  | 14                      | Major                         | 303                          | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert            | 13    |
| 337400       | 429295       | MGMC_ECC_WA_569            | Drain            |                        | Drain                      | Private                                  | 14                      | Major                         | 303                          | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert            | 13    |
| 337404       | 429520       | MGMC_ECC_OAR_UT_570        | Pipeline         |                        | Gas                        | Cadent Gas                               |                         |                               |                              | N/A   | 13    |
| 337404       | 429522       | MGMC_ECC_OAR_EN_571        | Hedgerow         |                        | Hedgerow                   | Private                                  |                         |                               |                              | N/A   | 13    |
| 337406       | 429519       | MGMC_ECC_OAR_UT_572        | Pipeline         |                        | Water                      | United Utilities                         |                         |                               |                              | N/A   | 13    |
| 337458       | 429312       | MGMC_ECC_WA_573            | Drain            |                        | Drain                      | Private                                  | 14                      | Major                         | 303                          | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert            | 13    |
| 337503       | 429262       | MGMC_ECC_WA_574            | Watercourse      | Main Drain             | Main River (EA)            | Environment Agency                       | 14                      | Major                         | 303                          | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert            | 13    |
| 337642       | 429388       | MG_ECC_TAT_RO_575          | Road             | Saltcotes Road (B5259) | B Road                     | Local Highway Authority                  |                         |                               |                              | N/A   | 14    |
| 337650       | 429365       | MG_ECC_TAT_WA_576          | Drain            |                        | Drain                      | Private                                  |                         |                               |                              | Bridge/Culvert  | 14    |
| 337655       | 429358       | MG_ECC_TAT_EN_577          | Hedgerow         |                        | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track  | 14    |
| 337660       | 429362       | MG_ECC_TAT_RO_578          | Road             | Cartmell Lane          | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A   | 14    |
| 337666       | 429351       | MG_ECC_TAT_UT_579          | Cable            |                        | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A   | 14    |
| 337666       | 429355       | MG_ECC_TAT_UT_580          | Cable            |                        | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A   | 14    |
| 337673       | 429337       | MG_ECC_TAT_EN_581          | Hedgerow         |                        | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track  | 14    |
| 337690       | 429269       | MGMC_ECC_EN_582            | Hedgerow         |                        | Hedgerow                   | Private                                  | 15                      | Minor                         | 97                           | Trenchless Techniques Only with Haul Road   | 14    |
| 337694       | 429270       | MGMC_ECC_RO_583            | Road             | Saltcotes Road         | B Road                     | Local Highway Authority                  | 15                      | Minor                         | 97                           | Trenchless Techniques Only with Haul Road   | 14    |
| 337695       | 429263       | MGMC_ECC_UT_584            | Pipeline         |                        | Gas                        | Cadent Gas                               | 15                      | Minor                         | 97                           | Trenchless Techniques Only with Haul Road   | 14    |
| 337698       | 429271       | MGMC_ECC_UT_585            | Pipeline         |                        | Water                      | United Utilities                         | 15                      | Minor                         | 97                           | Trenchless Techniques Only with Haul Road   | 14    |
| 337699       | 429271       | MGMC_ECC_UT_586            | Cable            |                        | Telecom                    | Openreach - [British Telecommunications] | 15                      | Minor                         | 97                           | Trenchless Techniques Only with Haul Road   | 14    |
| 337699       | 429271       | MGMC_ECC_EN_587            | Hedgerow         |                        | Hedgerow                   | Private                                  | 15                      | Minor                         | 97                           | Trenchless Techniques Only with Haul Road   | 14    |
| 337700       | 429265       | MGMC_ECC_UT_588            | Cable            |                        | Underground Electric Cable | Electricity North West                   | 15                      | Minor                         | 97                           | Trenchless Techniques Only with Haul Road   | 14    |
| 337711       | 429218       | MGMC_ECC_TAT_EN_589        | Hedgerow         |                        | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track  | 14    |
| 337723       | 429212       | MGMC_ECC_TAT_UT_590        | Cable            |                        | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A   | 14    |
| 337735       | 429167       | MGMC_ECC_TAT_RO_591        | Road             | Saltcotes Road (B5259) | B Road                     | Local Highway Authority                  |                         |                               |                              | N/A   | 14    |
| 337736       | 429161       | MGMC_ECC_TAT_UT_592        | Pipeline         |                        | Gas                        | Cadent Gas                               |                         |                               |                              | N/A   | 14    |
| 337738       | 429170       | MGMC_ECC_TAT_UT_593        | Pipeline         |                        | Water                      | United Utilities                         |                         |                               |                              | N/A   | 14    |
| 337739       | 429173       | MGMC_ECC_TAT_EN_594        | Hedgerow         |                        | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track  | 14    |
| 337751       | 429136       | MGMC_ECC_TAT_UT_595        | Cable            |                        | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A   | 14    |
| 337751       | 429115       | MGMC_ECC_OAR_EN_596        | Hedgerow         |                        | Hedgerow                   | Private                                  |                         |                               |                              | N/A   | 14    |
| 337754       | 429116       | MC_ECC_OAR_UT_597          | Pipeline         |                        | Gas                        | Cadent Gas                               |                         |                               |                              | N/A   | 14    |
| 337755       | 429117       | MGMC_ECC_OAR_RO_598        | Road             | Saltcotes Road         | B Road                     | Local Highway Authority                  |                         |                               |                              | N/A   | 14    |
| 337758       | 429118       | MGMC_ECC_OAR_UT_599        | Pipeline         |                        | Water                      | United Utilities                         |                         |                               |                              | N/A   | 14    |
| 337760       | 429119       | MGMC_ECC_OAR_UT_600        | Cable            |                        | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A   | 14    |
| 337764       | 429083       | MGMC_ECC_TAT_EN_601        | Hedgerow         |                        | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track  | 14    |
| 337764       | 429122       | MGMC_ECC_OAR_UT_602        | Cable            |                        | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A   | 14    |
| 337789       | 429026       | MC_ECC_TAT_RO_603          | Road             | Saltcotes Road         | B Road                     | Local Highway Authority                  |                         |                               |                              | N/A   | 14    |
| 338165       | 429404       | MGMC_ECC_RA_604            | Rail             |                        | Railway                    | Network Rail                             | 16                      | Major                         | 272                          | Trenchless Techniques Only  | 14    |
| 338167       | 429374       | MGMC_ECC_EN_605            | Hedgerow         |                        | Hedgerow                   | Private                                  | 16                      | Major                         | 272                          | Trenchless Techniques Only  | 14    |
| 338389       | 429586       | MGMC_ECC_OAR_UT_606        | Cable            |                        | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A   | 14    |
| 338392       | 429589       | MG_ECC_TAT_UT_607          | Cable            |                        | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A   | 14    |
| 338410       | 429564       | MG_ECC_TAT_PW_608          | Bridleway        | 5-3-BW 12              | Bridleway                  | Fylde Council                            |                         |                               |                              | N/A   | 14    |
| 338415       | 429540       | MGMC_ECC_OAR_UT_609        | Cable            |                        | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A   | 14    |
| 338446       | 429516       | MGMC_ECC_EN_611            | Hedgerow         |                        | Hedgerow                   | Private                                  | 17                      | Minor                         | 98                           | Trenchless Techniques Only with Haul Road   | 15    |
| 338467       | 429461       | MGMC_ECC_UT_612            | Cable            |                        | Telecom                    | Openreach - [British Telecommunications] | 17                      | Minor                         | 98                           | Trenchless Techniques Only with Haul Road   | 15    |
| 338476       | 429463       | MGMC_ECC_PW_613            | Bridleway        | 5-3-BW 12              | Bridleway                  | Fylde Council                            | 17                      | Minor                         | 98                           | Trenchless Techniques Only with Haul Road   | 15    |
| 338482       | 429459       | MGMC_ECC_EN_615            | Hedgerow         |                        | Hedgerow                   | Private                                  | 17                      | Minor                         | 98                           | Trenchless Techniques Only with Haul Road   | 15    |
| 338522       | 429396       | MGMC_ECC_TAT_EN_616        | Hedgerow         |                        | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track  | 15    |
| 338523       | 429569       | MGMC_ECC_OAR_UT_617        | Cable            |                        | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A   | 15    |
| 338523       | 429569       | MGMC_ECC_OAR_UT_618        | Cable            |                        | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A   | 15    |
| 338525       | 429570       | MGMC_ECC_OAR_EN_619        | Hedgerow         |                        | Hedgerow                   | Private                                  |                         |                               |                              | N/A   | 15    |
| 338525       | 429570       | MGMC_ECC_OAR_EN_620        | Hedgerow         |                        | Hedgerow                   | Private                                  |                         |                               |                              | N/A   | 15    |
| 338530       | 429378       | MC_ECC_TAT_PW_621          | Bridleway        | 5-3-BW 12              | Bridleway                  | Fylde Council                            |                         |                               |                              | N/A   | 15    |
| 338562       | 429506       | MGMC_ECC_UT_622            | Cable            |                        | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion                                    | 15    |
| 338567       | 429507       | MGMC_ECC_EN_623            | Hedgerow         |                        | Hedgerow                   | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road  | 15    |

| X Coordinate | Y Coordinate | Crossing Identification No | Type of Obstacle | Obstacle Name   | Obstacle Description | Asset Owner               | Trenchless Technique ID | Trenchless Technique Category | Trenchless Techniques Length | Proposed Crossing Method   | Sheet |
|--------------|--------------|----------------------------|------------------|-----------------|----------------------|---------------------------|-------------------------|-------------------------------|------------------------------|--|-------|
| 338592       | 429864       | MGMC_ECC_TAT_EN_625        | Hedgerow         |                 | Hedgerow             | Private                   |                         |                               |                              | Removal for temporary access track   | 15    |
| 338592       | 429867       | MGMC_ECC_TAT_RO_626        | Road             | Cartmell Lane   | Minor Road           | Local Highway Authority   |                         |                               |                              | N/A  | 15    |
| 338620       | 429471       | MGMC_ECC_EN_627            | Hedgerow         |                 | Hedgerow             | Private                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 15    |
| 338621       | 429641       | MGMC_ECC_TAT_WA_628        | Watercourse      |                 | Main River (EA)      | Environment Agency        |                         |                               |                              | Bridge (Bailey Bridge/ Clear Span)/culvert   | 15    |
| 338624       | 429645       | MGMC_ECC_TAT_EN_629        | Hedgerow         |                 | Hedgerow             | Private                   |                         |                               |                              | Removal for temporary access track   | 15    |
| 338629       | 429603       | MGMC_ECC_TAT_UT_630        | Cable            |                 | Overhead Line        | Electricity North West    |                         |                               |                              | N/A  | 15    |
| 338644       | 429593       | MGMC_ECC_TAT_UT_631        | Cable            |                 | Overhead Line        | Electricity North West    |                         |                               |                              | N/A  | 15    |
| 338693       | 429602       | MGMC_ECC_TAT_UT_632        | Cable            |                 | Overhead Line        | Electricity North West    |                         |                               |                              | N/A  | 15    |
| 338706       | 429592       | MGMC_ECC_TAT_UT_633        | Cable            |                 | Overhead Line        | Electricity North West    |                         |                               |                              | N/A  | 15    |
| 338727       | 429602       | MC_ECO_UT_634              | Cable            |                 | Overhead Line        | Electricity North West    |                         |                               |                              | N/A  | 15    |
| 338730       | 429592       | MC_ECO_UT_635              | Cable            |                 | Overhead Line        | Electricity North West    |                         |                               |                              | N/A  | 15    |
| 338785       | 429501       | MGMC_ECC_EN_636            | Hedgerow         |                 | Hedgerow             | Private                   | 18                      | Major                         | 474                          | Trenchless Techniques Only with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert      | 15    |
| 338801       | 429541       | MGMC_ECC_WA_637            | Drain            |                 | Drain                | Private                   | 18                      | Major                         | 474                          | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert                 | 15    |
| 338820       | 429483       | MGMC_ECC_WA_638            | Watercourse      |                 | Main River (EA)      | Environment Agency        | 18                      | Major                         | 474                          | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert                 | 15    |
| 338865       | 429464       | MGMC_ECC_EN_639            | Hedgerow         |                 | Hedgerow             | Private                   | 18                      | Major                         | 474                          | Trenchless Techniques Only with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert      | 15    |
| 338868       | 429463       | MGMC_ECC_WA_640            | Drain            |                 | Drain                | Private                   | 18                      | Major                         | 474                          | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert                 | 15    |
| 338944       | 429462       | MGMC_ECC_WA_641            | Drain            |                 | Drain                | Private                   | 18                      | Major                         | 474                          | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert                 | 15    |
| 338944       | 429496       | MGMC_ECC_WA_642            | Drain            |                 | Drain                | Private                   | 18                      | Major                         | 474                          | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert                 | 15    |
| 338945       | 429537       | MGMC_ECC_EN_643            | Hedgerow         |                 | Hedgerow             | Private                   | 18                      | Major                         | 474                          | Trenchless Techniques Only with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert      | 15    |
| 338945       | 429541       | MGMC_ECC_WA_644            | Drain            |                 | Drain                | Private                   | 18                      | Major                         | 474                          | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert                 | 15    |
| 339029       | 429401       | MGMC_ECC_OAR_WA_645        | Drain            |                 | Culvert              | Private                   |                         |                               |                              | N/A  | 15    |
| 339030       | 429403       | MGMC_ECC_OAR_WA_646        | Watercourse      |                 | Ordinary Watercourse | Lancashire County Council |                         |                               |                              | N/A  | 15    |
| 339032       | 429405       | MGMC_ECC_OAR_WA_647        | Drain            |                 | Culvert              | Private                   |                         |                               |                              | N/A  | 15    |
| 339080       | 429507       | MGMC_ECC_WA_648            | Drain            |                 | Drain                | Private                   | 18                      | Major                         | 474                          | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert                 | 15    |
| 339080       | 429507       | MGMC_ECC_EN_649            | Hedgerow         |                 | Hedgerow             | Private                   | 18                      | Major                         | 474                          | Trenchless Techniques Only with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert      | 15    |
| 339145       | 429499       | MGMC_ECC_EN_650            | Hedgerow         |                 | Hedgerow             | Private                   | 18                      | Major                         | 474                          | Trenchless Techniques Only with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert      | 15    |
| 339147       | 429500       | MGMC_ECC_WA_651            | Watercourse      |                 | Ordinary Watercourse | Lancashire County Council | 18                      | Major                         | 474                          | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert                 | 15    |
| 339269       | 429451       | MGMC_ECC_WA_652            | Drain            |                 | Drain                | Private                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 15    |
| 339269       | 429451       | MGMC_ECC_EN_653            | Drain            |                 | Drain                | Private                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 15    |
| 339285       | 429467       | MGMC_ECC_WA_654            | Drain            |                 | Drain                | Private                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 16    |
| 339309       | 429461       | MGMC_ECC_EN_655            | Hedgerow         |                 | Hedgerow             | Private                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 16    |
| 339322       | 429509       | MGMC_ECC_WA_656            | Drain            |                 | Drain                | Private                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 16    |
| 339322       | 429509       | MGMC_ECC_EN_657            | Drain            |                 | Drain                | Private                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 16    |
| 339349       | 429540       | MGMC_ECC_EN_658            | Hedgerow         |                 | Hedgerow             | Private                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 16    |
| 339383       | 429324       | MGMC_ECC_OAR_EN_659        | Hedgerow         |                 | Hedgerow             | Private                   |                         |                               |                              | N/A  | 16    |
| 339457       | 429581       | MGMC_ECC_OAR_UT_660        | Cable            |                 | Overhead Line        | Electricity North West    |                         |                               |                              | N/A  | 16    |
| 339461       | 429571       | MGMC_ECC_OAR_UT_661        | Cable            |                 | Overhead Line        | Electricity North West    |                         |                               |                              | N/A  | 16    |
| 339472       | 429580       | MGMC_ECC_OAR_UT_662        | Cable            |                 | Overhead Line        | Electricity North West    |                         |                               |                              | N/A  | 16    |
| 339476       | 429570       | MGMC_ECC_OAR_UT_663        | Cable            |                 | Overhead Line        | Electricity North West    |                         |                               |                              | N/A  | 16    |
| 339498       | 429505       | MGMC_ECC_EN_664            | Hedgerow         |                 | Hedgerow             | Private                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 16    |
| 339520       | 429454       | MGMC_ECC_EN_665            | Hedgerow         |                 | Hedgerow             | Private                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 16    |
| 339526       | 429441       | MGMC_ECC_EN_666            | Hedgerow         |                 | Hedgerow             | Private                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 16    |
| 339582       | 429577       | MGMC_ECC_OAR_UT_667        | Cable            |                 | Overhead Line        | Electricity North West    |                         |                               |                              | N/A  | 16    |
| 339593       | 429567       | MGMC_ECC_OAR_UT_668        | Cable            |                 | Overhead Line        | Electricity North West    |                         |                               |                              | N/A  | 16    |
| 339602       | 429577       | MGMC_ECC_OAR_UT_669        | Cable            |                 | Overhead Line        | Electricity North West    |                         |                               |                              | N/A  | 16    |
| 339613       | 429566       | MGMC_ECC_OAR_UT_670        | Cable            |                 | Overhead Line        | Electricity North West    |                         |                               |                              | N/A  | 16    |
| 339670       | 429504       | MGMC_ECC_EN_671            | Hedgerow         |                 | Hedgerow             | Private                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 16    |
| 339676       | 429452       | MGMC_ECC_EN_672            | Hedgerow         |                 | Hedgerow             | Private                   | 19                      | Minor                         | 115                          | Trenchless Techniques Only   | 16    |
| 339700       | 429455       | MGMC_ECC_EN_673            | Hedgerow         |                 | Hedgerow             | Private                   | 19                      | Minor                         | 115                          | Trenchless Techniques Only   | 16    |
| 339705       | 429460       | MC_ECC_RO_674              | Road             | Wrea Brook Lane | Minor Road           | Local Highway Authority   | 19                      | Minor                         | 115                          | Trenchless Techniques Only   | 16    |
| 339709       | 429464       | MGMC_ECC_WA_675            | Drain            |                 | Drain                | Private                   | 19                      | Minor                         | 115                          | Trenchless Techniques Only   | 16    |
| 339734       | 429484       | MGMC_ECC_WA_676            | Drain            |                 | Drain                | Private                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 16    |
| 339737       | 429485       | MGMC_ECC_EN_677            | Hedgerow         |                 | Hedgerow             | Private                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 16    |
| 339794       | 429533       | MGMC_ECC_EN_678            | Hedgerow         |                 | Hedgerow             | Private                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 16    |
| 339818       | 429561       | MGMC_ECC_OAR_UT_679        | Cable            |                 | Overhead Line        | Electricity North West    |                         |                               |                              | N/A  | 16    |
| 339820       | 429328       | MGMC_ECC_OAR_EN_680        | Hedgerow         |                 | Hedgerow             | Private                   |                         |                               |                              | N/A  | 16    |
| 339827       | 429561       | MGMC_ECC_OAR_UT_681        | Cable            |                 | Overhead Line        | Electricity North West    |                         |                               |                              | N/A  | 16    |

| X Coordinate | Y Coordinate | Crossing Identification No | Type of Obstacle | Obstacle Name | Obstacle Description       | Asset Owner             | Trenchless Technique ID | Trenchless Technique Category | Trenchless Techniques Length | Proposed Crossing Method   | Sheet |
|--------------|--------------|----------------------------|------------------|---------------|----------------------------|-------------------------|-------------------------|-------------------------------|------------------------------|--|-------|
| 339828       | 429560       | MGMC_ECC_OAR_EN_682        | Hedgerow         |               | Hedgerow                   | Private                 |                         |                               |                              | N/A  | 16    |
| 339864       | 429525       | MGMC_ECC_EN_683            | Hedgerow         |               | Hedgerow                   | Private                 |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 16    |
| 339889       | 429491       | MGMC_ECC_UT_684            | Cable            |               | Overhead Line              | Electricity North West  |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion   | 16    |
| 339932       | 429394       | MGMC_ECC_OAR_UT_685        | Cable            |               | Overhead Line              | Electricity North West  |                         |                               |                              | N/A  | 16    |
| 339934       | 429396       | MGMC_ECC_OAR_UT_686        | Cable            |               | Overhead Line              | Electricity North West  |                         |                               |                              | N/A  | 16    |
| 339970       | 429600       | MGMC_ECC_EN_687            | Hedgerow         |               | Hedgerow                   | Private                 |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 16    |
| 339990       | 429556       | MGMC_ECC_UT_688            | Cable            |               | Overhead Line              | Electricity North West  |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion   | 16    |
| 340002       | 429566       | MGMC_ECC_UT_689            | Cable            |               | Overhead Line              | Electricity North West  |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion   | 16    |
| 340035       | 429819       | MG_ECC_TAT_EN_690          | Hedgerow         |               | Hedgerow                   | Private                 |                         |                               |                              | Removal for temporary access track   | 16    |
| 340035       | 429842       | MG_ECC_TAT_UT_691          | Pipeline         |               | Water                      | United Utilities        |                         |                               |                              | N/A  | 16    |
| 340035       | 429888       | MG_ECC_TAT_UT_692          | Pipeline         |               | Water                      | United Utilities        |                         |                               |                              | N/A  | 16    |
| 340037       | 429837       | MG_ECC_TAT_UT_693          | Cable            |               | Underground Electric Cable | Electricity North West  |                         |                               |                              | N/A  | 16    |
| 340048       | 429779       | MG_ECC_TAT_RO_695          | Road             | Bryning Lane  | Minor Road                 | Local Highway Authority |                         |                               |                              | N/A  | 16    |
| 340049       | 429493       | MGMC_ECC_OAR_UT_696        | Pipeline         |               | Water                      | United Utilities        |                         |                               |                              | N/A  | 16    |
| 340053       | 429785       | MG_ECC_TAT_EN_697          | Hedgerow         |               | Hedgerow                   | Private                 |                         |                               |                              | Removal for temporary access track   | 16    |
| 340062       | 429747       | MGMC_ECC_TAT_UT_698        | Pipeline         |               | Water                      | United Utilities        |                         |                               |                              | N/A  | 16    |
| 340065       | 429698       | MG_ECC_TAT_EN_699          | Hedgerow         |               | Hedgerow                   | Private                 |                         |                               |                              | Removal for temporary access track   | 16    |
| 340073       | 429710       | MG_ECC_TAT_EN_700          | Hedgerow         |               | Hedgerow                   | Private                 |                         |                               |                              | Removal for temporary access track   | 16    |
| 340075       | 429707       | MG_ECC_TAT_EN_701          | Hedgerow         |               | Hedgerow                   | Private                 |                         |                               |                              | Removal for temporary access track   | 16    |
| 340103       | 429663       | MGMC_ECC_EN_702            | Hedgerow         |               | Hedgerow                   | Private                 | 20                      | Minor                         | 106                          | Trenchless Techniques Only with Haul Road  | 16    |
| 340104       | 429664       | MGMC_ECC_UT_703            | Pipeline         |               | Water                      | United Utilities        | 20                      | Minor                         | 106                          | Trenchless Techniques Only with Haul Road  | 16    |
| 340104       | 429664       | MGMC_ECC_UT_704            | Cable            |               | Underground Electric Cable | Electricity North West  | 20                      | Minor                         | 106                          | Trenchless Techniques Only with Haul Road  | 16    |
| 340107       | 429667       | MGMC_ECC_RO_705            | Road             | Bryning Lane  | Minor Road                 | Local Highway Authority | 20                      | Minor                         | 106                          | Trenchless Techniques Only with Haul Road  | 16    |
| 340109       | 429670       | MGMC_ECC_EN_707            | Hedgerow         |               | Hedgerow                   | Private                 | 20                      | Minor                         | 106                          | Trenchless Techniques Only with Haul Road  | 16    |
| 340109       | 429670       | MGMC_ECC_UT_708            | Pipeline         |               | Water                      | United Utilities        | 20                      | Minor                         | 106                          | Trenchless Techniques Only with Haul Road  | 16    |
| 340125       | 429553       | MGMC_ECC_OAR_UT_709        | Cable            |               | Overhead Line              | Electricity North West  |                         |                               |                              | N/A  | 16    |
| 340131       | 429598       | MGMC_ECC_TAT_EN_710        | Hedgerow         |               | Hedgerow                   | Private                 |                         |                               |                              | Removal for temporary access track   | 16    |
| 340132       | 429602       | MC_ECC_TAT_UT_711          | Cable            |               | Underground Electric Cable | Electricity North West  |                         |                               |                              | N/A  | 16    |
| 340136       | 429591       | MC_ECC_TAT_UT_712          | Pipeline         |               | Water                      | United Utilities        |                         |                               |                              | N/A  | 16    |
| 340140       | 429606       | MGMC_ECC_TAT_EN_713        | Hedgerow         |               | Hedgerow                   | Private                 |                         |                               |                              | Removal for temporary access track   | 16    |
| 340142       | 429562       | MGMC_ECC_OAR_UT_714        | Cable            |               | Overhead Line              | Electricity North West  |                         |                               |                              | N/A  | 16    |
| 340144       | 429611       | MGMC_ECC_TAT_EN_715        | Hedgerow         |               | Hedgerow                   | Private                 |                         |                               |                              | Removal for temporary access track   | 16    |
| 340144       | 429565       | MGMC_ECC_OAR_UT_716        | Cable            |               | Underground Electric Cable | Electricity North West  |                         |                               |                              | N/A  | 16    |
| 340146       | 429588       | MGMC_ECC_TAT_EN_717        | Hedgerow         |               | Hedgerow                   | Private                 |                         |                               |                              | Removal for temporary access track   | 16    |
| 340147       | 429565       | MC_ECC_OAR_UT_718          | Pipeline         |               | Water                      | United Utilities        |                         |                               |                              | N/A  | 16    |
| 340149       | 429567       | MC_ECC_OAR_RO_719          | Road             | Bryning Lane  | Minor Road                 | Local Highway Authority |                         |                               |                              | N/A  | 16    |
| 340151       | 429560       | MC_ECC_TAT_RO_720          | Road             | Bryning Lane  | Minor Road                 | Local Highway Authority |                         |                               |                              | N/A  | 16    |
| 340153       | 429552       | MC_ECC_TAT_UT_721          | Cable            |               | Overhead Line              | Electricity North West  |                         |                               |                              | N/A  | 16    |
| 340156       | 429562       | MC_ECC_TAT_UT_722          | Cable            |               | Overhead Line              | Electricity North West  |                         |                               |                              | N/A  | 16    |
| 340170       | 429561       | MC_ECC_TCC_UT_723          | Cable            |               | Overhead Line              | Electricity North West  |                         |                               |                              | N/A / Microsite / Diversion  | 16    |
| 340181       | 429637       | MC_ECC_TAT_EN_724          | Hedgerow         |               | Hedgerow                   | Private                 |                         |                               |                              | Removal for temporary access track   | 16    |
| 340202       | 429601       | MC_ECC_TAT_EN_725          | Hedgerow         |               | Hedgerow                   | Private                 |                         |                               |                              | Removal for temporary access track   | 16    |
| 340286       | 429343       | MGMC_ECC_OAR_RO_726        | Road             | Bryning Lane  | Minor Road                 | Local Highway Authority |                         |                               |                              | N/A  | 17    |
| 340290       | 429337       | MGMC_ECC_OAR_RO_727        | Road             | Bryning Lane  | Minor Road                 | Local Highway Authority |                         |                               |                              | N/A  | 17    |
| 340358       | 429398       | MGMC_ECC_OAR_EN_728        | Hedgerow         |               | Hedgerow                   | Private                 |                         |                               |                              | N/A  | 17    |
| 340460       | 429756       | MGMC_ECC_EN_729            | Hedgerow         |               | Hedgerow                   | Private                 |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 17    |
| 340476       | 429473       | MGMC_ECC_OAR_PW_730        | Footpath         | 5-3-FP 2      | Public Right of Way        | Fylde Council           |                         |                               |                              | N/A  | 17    |
| 340478       | 429777       | MGMC_ECC_EN_731            | Hedgerow         |               | Hedgerow                   | Private                 |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 17    |
| 340528       | 429767       | MGMC_ECC_EN_732            | Hedgerow         |               | Hedgerow                   | Private                 |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 17    |
| 340532       | 429607       | MGMC_ECC_OAR_EN_733        | Hedgerow         |               | Hedgerow                   | Private                 |                         |                               |                              | N/A  | 17    |
| 340538       | 429579       | MGMC_ECC_OAR_EN_734        | Hedgerow         |               | Hedgerow                   | Private                 |                         |                               |                              | N/A  | 17    |
| 340553       | 429649       | MGMC_ECC_OAR_EN_735        | Hedgerow         |               | Hedgerow                   | Private                 |                         |                               |                              | N/A  | 17    |
| 340694       | 429740       | MGMC_ECC_EN_736            | Hedgerow         |               | Hedgerow                   | Private                 |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 17    |
| 340769       | 429725       | MGMC_ECC_EN_737            | Hedgerow         |               | Hedgerow                   | Private                 |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 17    |
| 340780       | 429783       | MGMC_ECC_UT_738            | Pipeline         |               | Water                      | United Utilities        |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 17    |
| 340828       | 429804       | MGMC_ECC_PW_739            | Footpath         |               | Private Access Track       | Fylde Council           |                         |                               |                              | Trenchless Techniques/ Open Cut  | 17    |
| 340834       | 429801       | MGMC_ECC_EN_740            | Hedgerow         |               | Hedgerow                   | Private                 |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 17    |
| 341124       | 429915       | MGMC_ECC_EN_741            | Hedgerow         |               | Hedgerow                   | Private                 |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 17    |
| 341177       | 429833       | MGMC_ECC_OAR_EN_742        | Hedgerow         |               | Hedgerow                   | Private                 |                         |                               |                              | N/A  | 17    |
| 341187       | 429842       | MGMC_ECC_OAR_EN_743        | Hedgerow         |               | Hedgerow                   | Private                 |                         |                               |                              | N/A  | 17    |
| 341209       | 429922       | MGMC_ECC_PW_744            | Footpath         |               | Private Access Track       | Fylde Council           |                         |                               |                              | Trenchless Techniques/ Open Cut  | 17    |
| 341255       | 429897       | MGMC_ECC_EN_745            | Hedgerow         |               | Hedgerow                   | Private                 |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 18    |
| 341258       | 429897       | MGMC_ECC_PW_746            | Footpath         | 5-3-FP 2      | Public Right of Way        | Fylde Council           |                         |                               |                              | Trenchless Techniques/ Open Cut  | 18    |
| 341306       | 429820       | MGMC_ECC_WA_747            | Drain            |               | Drain                      | Private                 |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 18    |
| 341402       | 429879       | MGMC_ECC_WA_748            | Drain            |               | Drain                      | Private                 |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 18    |
| 341410       | 429979       | MGMC_ECC_OAR_PW_749        | Footpath         | 5-3-FP 2      | Public Right of Way        | Fylde Council           |                         |                               |                              | N/A  | 18    |
| 341429       | 429991       | MGMC_ECC_OAR_EN_750        | Hedgerow         |               | Hedgerow                   | Private                 |                         |                               |                              | N/A  | 18    |
| 341498       | 429902       | MGMC_ECC_PW_751            | Footpath         | 5-3 FP 4      | Public Right of Way        | Fylde Council           |                         |                               |                              | Trenchless Techniques/ Open Cut  | 18    |
| 341500       | 429904       | MGMC_ECC_EN_752            | Hedgerow         |               | Hedgerow                   | Private                 |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 18    |
| 341503       | 429849       | MGMC_ECC_UT_753            | Cable            |               | Overhead Line              | Electricity North West  |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion   | 18    |
| 341504       | 429851       | MGMC_ECC_UT_754            | Cable            |               | Overhead Line              | Electricity North West  |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion   | 18    |
| 341550       | 429929       | MGMC_ECC_UT_755            | Cable            |               | Overhead Line              | Electricity North West  |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion   | 18    |

| X Coordinate | Y Coordinate | Crossing Identification No | Type of Obstacle | Obstacle Name | Obstacle Description       | Asset Owner                              | Trenchless Technique ID | Trenchless Technique Category | Trenchless Techniques Length | Proposed Crossing Method                       | Sheet |
|--------------|--------------|----------------------------|------------------|---------------|----------------------------|--|-------------------------|-------------------------------|------------------------------|--|-------|
| 341571       | 429807       | MGMC_ECC_OAR_PW_756        | Footpath         | 5-3 FP 4      | Public Right of Way        | Fylde Council                            |                         |                               |                              | N/A  | 18    |
| 341582       | 429893       | MGMC_ECC_EN_757            | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 18    |
| 341617       | 429708       | MGMC_ECC_OAR_EN_758        | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 18    |
| 341618       | 429705       | MGMC_ECC_OAR_UT_759        | Pipeline         |               | Water                      | United Utilities                         |                         |                               |                              | N/A  | 18    |
| 341618       | 429703       | MGMC_ECC_OAR_UT_760        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 18    |
| 341618       | 429703       | MGMC_ECC_OAR_UT_761        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 18    |
| 341618       | 429703       | MGMC_ECC_OAR_RO_762        | Road             | Hillock Lane  | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A  | 18    |
| 341651       | 429982       | MGMC_ECC_EN_763            | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 18    |
| 341678       | 429936       | MGMC_ECC_OAR_EN_764        | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 18    |
| 341702       | 429951       | MGMC_ECC_OAR_EN_765        | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 18    |
| 341756       | 430007       | MGMC_ECC_EN_766            | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 18    |
| 341794       | 430069       | MGMC_ECC_EN_767            | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 18a   |
| 341825       | 430019       | MGMC_ECC_PW_768            | Footpath         | 5-3-FP 5      | Public Right of Way        | Fylde Council                            |                         |                               |                              | Trenchless Techniques/ Open Cut                | 18a   |
| 341847       | 430003       | MGMC_ECC_EN_769            | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 18a   |
| 341858       | 429882       | MC_ECC_TAT_UT_770          | Pipeline         |               | Water                      | United Utilities                         |                         |                               |                              | N/A  | 18a   |
| 341860       | 429874       | MC_ECC_TAT_UT_771          | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 18a   |
| 341865       | 429880       | MC_ECC_TAT_UT_773          | Cable            |               | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 18a   |
| 341865       | 429880       | MC_ECC_TAT_UT_774          | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 18a   |
| 341866       | 429880       | MC_ECC_TAT_UT_775          | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 18a   |
| 341875       | 429894       | MC_ECC_TAT_UT_776          | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 18a   |
| 341881       | 429898       | MC_ECC_TAT_UT_777          | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 18a   |
| 341898       | 429912       | MC_ECC_TAT_RO_778          | Road             | Hillock Lane  | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A  | 18a   |
| 341901       | 429915       | MGMC_ECC_TAT_UT_779        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 18a   |
| 341924       | 429939       | MGMC_ECC_TAT_EN_780        | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track             | 18a   |
| 341927       | 429934       | MGMC_ECC_TAT_UT_781        | Pipeline         |               | Gas                        | Cadent Gas                               |                         |                               |                              | N/A  | 18a   |
| 341928       | 429944       | MGMC_ECC_TAT_EN_782        | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track             | 18a   |
| 341937       | 429936       | MGMC_ECC_TAT_EN_783        | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track             | 18a   |
| 341974       | 429981       | MGMC_ECC_EN_784            | Hedgerow         |               | Hedgerow                   | Private                                  | 21                      | Minor                         | 94                           | Trenchless Techniques Only with Haul Road      | 18a   |
| 341976       | 429980       | MGMC_ECC_UT_785            | Pipeline         |               | Gas                        | Cadent Gas                               | 21                      | Minor                         | 94                           | Trenchless Techniques Only with Haul Road      | 18a   |
| 341977       | 429980       | MGMC_ECC_UT_786            | Cable            |               | Underground Electric Cable | Electricity North West                   | 21                      | Minor                         | 94                           | Trenchless Techniques Only with Haul Road      | 18a   |
| 341977       | 429980       | MGMC_ECC_UT_787            | Cable            |               | Underground Electric Cable | Electricity North West                   | 21                      | Minor                         | 94                           | Trenchless Techniques Only with Haul Road      | 18a   |
| 341980       | 429978       | MGMC_ECC_RO_788            | Road             | Hillock Lane  | Minor Road                 | Local Highway Authority                  | 21                      | Minor                         | 94                           | Trenchless Techniques Only with Haul Road      | 18a   |
| 341983       | 429977       | MGMC_ECC_UT_789            | Cable            |               | Underground Electric Cable | Electricity North West                   | 21                      | Minor                         | 94                           | Trenchless Techniques Only with Haul Road      | 18a   |
| 341984       | 429977       | MGMC_ECC_UT_790            | Cable            |               | Underground Electric Cable | Electricity North West                   | 21                      | Minor                         | 94                           | Trenchless Techniques Only with Haul Road      | 18a   |
| 341984       | 429977       | MGMC_ECC_EN_792            | Hedgerow         |               | Hedgerow                   | Private                                  | 21                      | Minor                         | 94                           | Trenchless Techniques Only with Haul Road      | 18a   |
| 341985       | 429978       | MGMC_ECC_UT_793            | Cable            |               | Telecom                    | Openreach - [British Telecommunications] | 21                      | Minor                         | 94                           | Trenchless Techniques Only with Haul Road      | 18a   |
| 341986       | 429879       | MC_ECC_TAT_EN_794          | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track             | 18a   |
| 342019       | 430015       | MG_ECC_TAT_EN_795          | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track             | 18a   |
| 342020       | 430014       | MGMC_ECC_EN_796            | Hedgerow         |               | Hedgerow                   | Private                                  | 21                      | Minor                         | 94                           | Trenchless Techniques Only with Haul Road      | 18a   |
| 342021       | 430014       | MG_ECC_TAT_EN_797          | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track             | 18a   |
| 342030       | 430021       | MG_ECC_TAT_EN_798          | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track             | 18a   |
| 342036       | 430026       | MGMC_ECC_TAT_UT_799        | Pipeline         |               | Gas                        | Cadent Gas                               |                         |                               |                              | N/A  | 18a   |
| 342060       | 430038       | MG_ECC_TAT_RO_800          | Road             | Hillock Lane  | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A  | 18a   |
| 342064       | 430037       | MG_ECC_TAT_EN_801          | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track             | 18a   |
| 342085       | 430056       | MG_ECC_TAT_UT_802          | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 18a   |
| 342085       | 430057       | MG_ECC_TAT_UT_803          | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 18a   |
| 342089       | 430060       | MG_ECC_TAT_UT_804          | Pipeline         |               | Gas                        | Cadent Gas                               |                         |                               |                              | N/A  | 18a   |
| 342091       | 430062       | MG_ECC_TAT_EN_805          | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track             | 18a   |
| 342162       | 430100       | MGMC_ECC_OAR_RO_806        | Road             | Hillock Lane  | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A  | 18    |
| 342164       | 430099       | MGMC_ECC_OAR_UT_807        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 18    |
| 342164       | 430099       | MGMC_ECC_OAR_UT_808        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 18    |
| 342164       | 430098       | MGMC_ECC_OAR_EN_809        | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 18    |
| 342164       | 430097       | MGMC_ECC_OAR_UT_810        | Cable            |               | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 18    |
| 342204       | 429903       | MGMC_ECC_EN_811            | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 18    |
| 342338       | 429994       | MGMC_ECC_EN_812            | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 19    |
| 342482       | 430168       | MGMC_ECC_TAT_UT_813        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 19a   |
| 342484       | 430166       | MGMC_ECC_TAT_UT_814        | Pipeline         |               | Gas                        | Cadent Gas                               |                         |                               |                              | N/A  | 19a   |
| 342493       | 430153       | MGMC_ECC_TAT_UT_815        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 19a   |
| 342496       | 430147       | MGMC_ECC_TAT_UT_816        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 19a   |
| 342500       | 430144       | MGMC_ECC_TAT_UT_818        | Pipeline         |               | Gas                        | Cadent Gas                               |                         |                               |                              | N/A  | 19a   |
| 342502       | 430147       | MGMC_ECC_TAT_RO_819        | Road             | Kirkham Road  | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A  | 19a   |
| 342504       | 430142       | MGMC_ECC_TAT_UT_820        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 19a   |
| 342504       | 430140       | MGMC_ECC_TAT_UT_821        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 19a   |
| 342505       | 430132       | MGMC_ECC_TAT_UT_822        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 19a   |
| 342506       | 430134       | MGMC_ECC_TAT_UT_823        | Cable            |               | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 19a   |
| 342507       | 430138       | MGMC_ECC_TAT_UT_824        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 19a   |
| 342507       | 430135       | MGMC_ECC_TAT_UT_825        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 19a   |
| 342509       | 430138       | MGMC_ECC_TAT_UT_826        | Pipeline         |               | Water                      | United Utilities                         |                         |                               |                              | N/A  | 19a   |
| 342511       | 430124       | MGMC_ECC_TAT_UT_827        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 19a   |
| 342515       | 430126       | MGMC_ECC_TAT_UT_828        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 19a   |
| 342515       | 430127       | MGMC_ECC_TAT_UT_829        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 19a   |
| 342516       | 430131       | MGMC_ECC_TAT_EN_830        | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track             | 19a   |
| 342519       | 430126       | MGMC_ECC_TAT_UT_831        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 19a   |
| 342520       | 430111       | MGMC_ECC_TAT_UT_832        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 19a   |

| X Coordinate | Y Coordinate | Crossing Identification No | Type of Obstacle | Obstacle Name | Obstacle Description       | Asset Owner                              | Trenchless Technique ID | Trenchless Technique Category | Trenchless Techniques Length | Proposed Crossing Method                           | Sheet |
|--------------|--------------|----------------------------|------------------|---------------|----------------------------|--|-------------------------|-------------------------------|------------------------------|--|-------|
| 342523       | 430121       | MGMC_ECC_TAT_UT_833        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 19a   |
| 342545       | 430069       | MGMC_ECC_UT_834            | Cable            |               | Underground Electric Cable | Electricity North West                   | 22                      | Minor                         | 98                           | Trenchless Techniques Only with Haul Road          | 19a   |
| 342546       | 430076       | MGMC_ECC_RO_835            | Road             | Kirkham Road  | Minor Road                 | Local Highway Authority                  | 22                      | Minor                         | 98                           | Trenchless Techniques Only with Haul Road          | 19a   |
| 342546       | 430069       | MGMC_ECC_UT_836            | Cable            |               | Underground Electric Cable | Electricity North West                   | 22                      | Minor                         | 98                           | Trenchless Techniques Only with Haul Road          | 19a   |
| 342546       | 430069       | MGMC_ECC_UT_837            | Cable            |               | Underground Electric Cable | Electricity North West                   | 22                      | Minor                         | 98                           | Trenchless Techniques Only with Haul Road          | 19a   |
| 342546       | 430069       | MGMC_ECC_UT_838            | Cable            |               | Underground Electric Cable | Electricity North West                   | 22                      | Minor                         | 98                           | Trenchless Techniques Only with Haul Road          | 19a   |
| 342546       | 430069       | MGMC_ECC_UT_839            | Cable            |               | Underground Electric Cable | Electricity North West                   | 22                      | Minor                         | 98                           | Trenchless Techniques Only with Haul Road          | 19a   |
| 342546       | 430070       | MGMC_ECC_UT_840            | Cable            |               | Underground Electric Cable | Electricity North West                   | 22                      | Minor                         | 98                           | Trenchless Techniques Only with Haul Road          | 19a   |
| 342546       | 430070       | MGMC_ECC_UT_841            | Cable            |               | Telecom                    | Openreach - [British Telecommunications] | 22                      | Minor                         | 98                           | Trenchless Techniques Only with Haul Road          | 19a   |
| 342547       | 430060       | MGMC_ECC_EN_842            | Hedgerow         |               | Hedgerow                   | Private                                  | 22                      | Minor                         | 98                           | Trenchless Techniques Only with Haul Road          | 19a   |
| 342547       | 430070       | MGMC_ECC_UT_843            | Pipeline         |               | Gas                        | Cadent Gas                               | 22                      | Minor                         | 98                           | Trenchless Techniques Only with Haul Road          | 19a   |
| 342549       | 430072       | MGMC_ECC_UT_845            | Cable            |               | Underground Electric Cable | Electricity North West                   | 22                      | Minor                         | 98                           | Trenchless Techniques Only with Haul Road          | 19a   |
| 342550       | 430072       | MGMC_ECC_UT_846            | Cable            |               | Underground Electric Cable | Electricity North West                   | 22                      | Minor                         | 98                           | Trenchless Techniques Only with Haul Road          | 19a   |
| 342553       | 430074       | MGMC_ECC_UT_847            | Pipeline         |               | Water                      | United Utilities                         | 22                      | Minor                         | 98                           | Trenchless Techniques Only with Haul Road          | 19a   |
| 342553       | 430075       | MGMC_ECC_UT_848            | Cable            |               | Underground Electric Cable | Electricity North West                   | 22                      | Minor                         | 98                           | Trenchless Techniques Only with Haul Road          | 19a   |
| 342553       | 430075       | MGMC_ECC_UT_849            | Cable            |               | Underground Electric Cable | Electricity North West                   | 22                      | Minor                         | 98                           | Trenchless Techniques Only with Haul Road          | 19a   |
| 342554       | 430077       | MGMC_ECC_EN_850            | Hedgerow         |               | Hedgerow                   | Private                                  | 22                      | Minor                         | 98                           | Trenchless Techniques Only with Haul Road          | 19a   |
| 342568       | 430035       | MGMC_ECC_UT_851            | Cable            |               | Underground Electric Cable | GTC                                      | 22                      | Minor                         | 98                           | Trenchless Techniques Only with Haul Road          | 19a   |
| 342576       | 430022       | MGMC_ECC_TAT_UT_852        | Cable            |               | Underground Electric Cable | GTC                                      |                         |                               |                              | N/A  | 19a   |
| 342576       | 430021       | MGMC_ECC_TAT_UT_853        | Cable            |               | Underground Electric Cable | GTC                                      |                         |                               |                              | N/A  | 19a   |
| 342576       | 430024       | MGMC_ECC_TAT_UT_854        | Pipeline         |               | Gas                        | GTC                                      |                         |                               |                              | N/A  | 19a   |
| 342577       | 430020       | MGMC_ECC_TAT_UT_855        | Cable            |               | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 19a   |
| 342578       | 430020       | MGMC_ECC_TAT_UT_856        | Cable            |               | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 19a   |
| 342579       | 430021       | MGMC_ECC_TAT_UT_857        | Pipeline         |               | Gas                        | Cadent Gas                               |                         |                               |                              | N/A  | 19a   |
| 342580       | 430024       | MGMC_ECC_OAR_RO_858        | Road             | Kirkham Road  | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A  | 19a   |
| 342580       | 430025       | MGMC_ECC_OAR_UT_859        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 19a   |
| 342580       | 430025       | MGMC_ECC_OAR_UT_860        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 19a   |
| 342580       | 430023       | MGMC_ECC_OAR_UT_861        | Pipeline         |               | Water                      | United Utilities                         |                         |                               |                              | N/A  | 19a   |
| 342583       | 430026       | MGMC_ECC_OAR_UT_862        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 19a   |
| 342584       | 430026       | MGMC_ECC_OAR_UT_863        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 19a   |
| 342587       | 430012       | MGMC_ECC_TAT_UT_864        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 19a   |
| 342588       | 430011       | MGMC_ECC_TAT_UT_865        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 19a   |
| 342590       | 430003       | MGMC_ECC_TAT_UT_866        | Pipeline         |               | Gas                        | GTC                                      |                         |                               |                              | N/A  | 19a   |
| 342590       | 430002       | MGMC_ECC_TAT_UT_867        | Pipeline         |               | Gas                        | Cadent Gas                               |                         |                               |                              | N/A  | 19a   |
| 342591       | 429999       | MGMC_ECC_TAT_UT_869        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 19a   |
| 342591       | 430006       | MGMC_ECC_TAT_RO_870        | Road             | Kirkham Road  | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A  | 19a   |
| 342593       | 429997       | MGMC_ECC_TAT_UT_871        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 19a   |
| 342593       | 429996       | MGMC_ECC_TAT_UT_872        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 19a   |
| 342597       | 429997       | MGMC_ECC_TAT_UT_873        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 19a   |
| 342597       | 429996       | MGMC_ECC_TAT_UT_874        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 19a   |
| 342598       | 429997       | MGMC_ECC_TAT_UT_875        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 19a   |
| 342598       | 429997       | MGMC_ECC_TAT_UT_876        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 19a   |
| 342598       | 429995       | MGMC_ECC_TAT_UT_877        | Pipeline         |               | Water                      | United Utilities                         |                         |                               |                              | N/A  | 19a   |
| 342606       | 429989       | MGMC_ECC_TAT_UT_878        | Pipeline         |               | Water                      | United Utilities                         |                         |                               |                              | N/A  | 19a   |
| 342635       | 430084       | MGMC_ECC_EN_879            | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 19a   |
| 342703       | 430220       | MGMC_ECC_UT_880            | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion | 19    |
| 342707       | 430223       | MGMC_ECC_UT_881            | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion | 19    |
| 342711       | 430226       | MGMC_ECC_UT_882            | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion | 19    |
| 342770       | 430166       | MGMC_ECC_OAR_UT_883        | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 19    |
| 342773       | 430169       | MGMC_ECC_OAR_UT_884        | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 19    |
| 342775       | 430259       | MGMC_ECC_UT_885            | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 19    |
| 342776       | 430173       | MGMC_ECC_OAR_UT_886        | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 19    |
| 342778       | 430260       | MGMC_ECC_UT_887            | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 19    |
| 342789       | 430275       | MGMC_ECC_EN_888            | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 19    |
| 342791       | 430885       | MG_ECC_OAR_UT_889          | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 20    |
| 342800       | 430141       | MGMC_ECC_UT_890            | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion | 19    |
| 342801       | 430888       | MG_ECC_OAR_UT_891          | Cable            |               | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 20    |
| 342804       | 430144       | MGMC_ECC_UT_892            | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion | 19    |
| 342808       | 430147       | MGMC_ECC_UT_893            | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion | 19    |
| 342808       | 430890       | MG_ECC_OAR_UT_894          | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 20    |
| 342810       | 430245       | MGMC_ECC_EN_895            | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 19    |
| 342822       | 430214       | MGMC_ECC_OAR_UT_896        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 19    |
| 342830       | 430208       | MGMC_ECC_OAR_UT_897        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 19    |
| 342837       | 430198       | MGMC_ECC_OAR_UT_898        | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 19    |
| 342841       | 430919       | MG_ECC_OAR_UT_899          | Cable            |               | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 20    |
| 342846       | 430193       | MC_ECC_OAR_UT_900          | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 19    |
| 342857       | 430179       | MGMC_ECC_UT_901            | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 19    |
| 342861       | 430181       | MGMC_ECC_UT_902            | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 19    |
| 343032       | 430238       | MGMC_ECC_EN_903            | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 19    |
| 343108       | 430295       | MG_ECC_TAT_EN_904          | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track                 | 19    |
| 343110       | 430285       | MG_ECC_TAT_EN_905          | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track                 | 19    |
| 343113       | 430277       | MG_ECC_TAT_EN_906          | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track                 | 19    |
| 343141       | 430283       | MG_ECC_TAT_RO_908          | Road             | Lower Lane    | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A  | 19    |
| 343145       | 431149       | MG_ECC_OAR_EN_909          | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 21    |



| X Coordinate | Y Coordinate | Crossing Identification No | Type of Obstacle | Obstacle Name | Obstacle Description       | Asset Owner                              | Trenchless Technique ID | Trenchless Technique Category | Trenchless Techniques Length | Proposed Crossing Method   | Sheet |
|--------------|--------------|----------------------------|------------------|---------------|----------------------------|--|-------------------------|-------------------------------|------------------------------|--|-------|
| 343145       | 430277       | MG_ECC_TAT_EN_910          | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track   | 19    |
| 343164       | 430294       | MG_ECC_TAT_EN_911          | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track   | 19    |
| 343185       | 431190       | MG_ECC_OAR_UT_912          | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 21    |
| 343186       | 431190       | MG_ECC_OAR_UT_913          | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 21    |
| 343197       | 430165       | MC_ECC_EN_914              | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 19    |
| 343204       | 431208       | MG_ECC_OAR_UT_915          | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 21    |
| 343205       | 431208       | MG_ECC_OAR_UT_916          | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 21    |
| 343207       | 430259       | MG_ECC_EN_917              | Hedgerow         |               | Hedgerow                   | Private                                  | 23                      | Minor                         | 151                          | Trenchless Techniques Only with Haul Road  | 19    |
| 343210       | 430261       | MG_ECC_RO_918              | Road             | Lower Lane    | Minor Road                 | Local Highway Authority                  | 23                      | Minor                         | 151                          | Trenchless Techniques Only with Haul Road  | 19    |
| 343211       | 430267       | MG_ECC_EN_919              | Hedgerow         |               | Hedgerow                   | Private                                  | 23                      | Minor                         | 151                          | Trenchless Techniques Only with Haul Road  | 19    |
| 343232       | 431066       | MGMC_ECO_EN_921            | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 21    |
| 343239       | 430247       | MC_ECC_TAT_EN_922          | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track   | 19    |
| 343249       | 431052       | MG_ECO_WA_923              | Drain            |               | Drain                      | Private                                  |                         |                               |                              | N/A  | 21    |
| 343262       | 431272       | MG_LSS_UT_924              | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut  | 21    |
| 343262       | 430239       | MC_ECC_EN_925              | Hedgerow         |               | Hedgerow                   | Private                                  | 23                      | Minor                         | 151                          | Trenchless Techniques Only with Haul Road  | 22    |
| 343264       | 430242       | MC_ECC_RO_926              | Road             | Lower Lane    | Minor Road                 | Local Highway Authority                  | 23                      | Minor                         | 151                          | Trenchless Techniques Only with Haul Road  | 22    |
| 343266       | 431278       | MG_LSS_EN_927              | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut  | 21    |
| 343269       | 430246       | MC_ECC_EN_928              | Hedgerow         |               | Hedgerow                   | Private                                  | 23                      | Minor                         | 151                          | Trenchless Techniques Only with Haul Road  | 22    |
| 343270       | 431279       | MG_ECC_OAR_PW_929          | Bridleway        | 5-5-BW 16     | Bridleway                  | Fylde Council                            |                         |                               |                              | N/A  | 21    |
| 343273       | 431283       | MG_LSS_PW_930              | Bridleway        | 5-5-BW 16     | Bridleway                  | Fylde Council                            |                         |                               |                              | Trenchless Techniques/ Open Cut  | 21    |
| 343276       | 431280       | MG_LSS_EN_931              | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut  | 21    |
| 343290       | 430229       | MC_ECC_TAT_EN_932          | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track   | 22    |
| 343294       | 430509       | MG_ECC_WA_933              | Drain            |               | Drain                      | Private                                  | 24                      | Minor                         | 137                          | Trenchless Techniques Only   | 20    |
| 343294       | 430509       | MG_ECC_EN_934              | Drain            |               | Drain                      | Private                                  | 24                      | Minor                         | 137                          | Trenchless Techniques Only   | 20    |
| 343297       | 430522       | MG_ECC_UT_935              | Pipeline         |               | Sewerage                   | United Utilities                         | 24                      | Minor                         | 137                          | Trenchless Techniques Only   | 20    |
| 343301       | 430225       | MC_ECC_OAR_EN_936          | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 22    |
| 343303       | 430228       | MC_ECC_OAR_RO_937          | Road             | Lower Lane    | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A  | 22    |
| 343307       | 430989       | MG_ECO_WA_938              | Drain            |               | Drain                      | Private                                  |                         |                               |                              | N/A  | 21    |
| 343319       | 430982       | MGMC_ECO_EN_939            | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 21    |
| 343319       | 430500       | MG_ECC_UT_940              | Pipeline         |               | Sewerage                   | United Utilities                         | 24                      | Minor                         | 137                          | Trenchless Techniques Only   | 20    |
| 343320       | 430596       | MG_ECC_EN_941              | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 20    |
| 343321       | 430386       | MG_ECC_OAR_EN_942          | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 20    |
| 343321       | 430983       | MG_ECO_WA_943              | Drain            |               | Drain                      | Private                                  |                         |                               |                              | N/A  | 21    |
| 343323       | 431649       | MG_LSS_TAT_EN_944          | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for access track   | 21    |
| 343328       | 430388       | MG_ECC_OAR_EN_945          | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 20    |
| 343331       | 430635       | MG_ECC_UT_946              | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion   | 20    |
| 343332       | 430306       | MC_ECC_EN_947              | Hedgerow         |               | Hedgerow                   | Private                                  | 23                      | Minor                         | 151                          | Trenchless Techniques Only with Haul Road  | 22    |
| 343333       | 431606       | MG_LSS_EN_948              | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut  | 21    |
| 343334       | 430644       | MG_ECC_UT_949              | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion   | 20    |
| 343335       | 430306       | MC_ECC_PW_950              | Footpath         |               | Private Access Track       | Fylde Council                            | 23                      | Minor                         | 151                          | Trenchless Techniques Only with Haul Road  | 22    |
| 343341       | 431650       | MG_LSS_TAT_EN_951          | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for access track   | 21    |
| 343345       | 431295       | MG_LSS_EN_952              | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut  | 21    |
| 343353       | 431297       | MG_ECC_OAR_PW_953          | Bridleway        | 5-5-BW 16     | Bridleway                  | Fylde Council                            |                         |                               |                              | N/A  | 21    |
| 343354       | 431297       | MG_ECC_OAR_UT_954          | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 21    |
| 343360       | 431297       | MG_LSS_EN_955              | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut  | 21    |
| 343365       | 430275       | MC_ECC_EN_956              | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 22    |
| 343366       | 431496       | MG_LSS_EN_957              | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut  | 21    |
| 343372       | 430255       | MC_ECC_OAR_EN_958          | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 22    |
| 343377       | 430253       | MGMC_ECC_OAR_UT_959        | Cable            |               | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 22    |
| 343379       | 431287       | MG_ECC_OAR_PW_960          | Bridleway        | 5-5-BW 16     | Bridleway                  | Fylde Council                            |                         |                               |                              | N/A  | 21    |
| 343387       | 431590       | MG_LSS_TAT_WA_961          | Drain            |               | Drain                      | Private                                  |                         |                               |                              | Bridge/Culvert   | 21    |
| 343390       | 430793       | MG_ECC_EN_962              | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 20    |
| 343394       | 430254       | MC_LSS_UT_963              | Cable            |               | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 22    |
| 343394       | 431650       | MG_LSS_TAT_UT_964          | Cable            |               | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 21    |
| 343394       | 431651       | MG_LSS_TAT_UT_965          | Cable            |               | Telecom                    | Vodafone                                 |                         |                               |                              | N/A  | 21    |
| 343394       | 431651       | MG_LSS_TAT_UT_966          | Cable            |               | Telecom                    | Virgin Media                             |                         |                               |                              | N/A  | 21    |
| 343394       | 431651       | MG_LSS_TAT_UT_967          | Cable            |               | Telecom                    | Zayo Group UK Ltd co JSM Group Ltd       |                         |                               |                              | N/A  | 21    |
| 343397       | 431591       | MG_LSS_TAT_WA_968          | Drain            |               | Drain                      | Private                                  |                         |                               |                              | Bridge/Culvert   | 21    |
| 343402       | 431514       | MG_LSS_TAT_WA_969          | Watercourse      |               | Main River (EA)            | Environment Agency                       |                         |                               |                              | Bridge (Bailey Bridge/ Clear Span)/culvert   | 21    |
| 343403       | 431512       | MG_LSS_EN_970              | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut  | 21    |
| 343423       | 430175       | MC_ECC_EN_971              | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 22    |
| 343432       | 430938       | MG_ECC_OAR_WA_972          | Drain            |               | Drain                      | Private                                  |                         |                               |                              | N/A  | 20    |
| 343439       | 430890       | MG_ECC_OAR_EN_973          | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 20    |
| 343441       | 430887       | MG_ECC_OAR_WA_974          | Drain            |               | Drain                      | Private                                  |                         |                               |                              | N/A  | 20    |
| 343442       | 430218       | MC_LSS_WA_975              | Drain            |               | Drain                      | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 22    |
| 343442       | 430882       | MG_ECC_WA_976              | Drain            |               | Drain                      | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 20    |
| 343442       | 430096       | MGMC_GCC_OAR_RO_977        | Road             | Lower Lane    | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A  | 22    |
| 343444       | 431529       | MG_LSS_EN_978              | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Trenchless Techniques / Open Cut   | 21    |
| 343446       | 430905       | MG_ECC_WA_980              | Drain            |               | Drain                      | Private                                  | 25                      | Minor                         |                              | Trenchless Techniques Only   | 20    |
| 343446       | 430905       | MG_ECC_OAR_WA_981          | Drain            |               | Drain                      | Private                                  |                         |                               |                              | N/A  | 20    |
| 343448       | 430795       | MG_ECC_EN_982              | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 20    |
| 343449       | 431648       | MG_LSS_EN_983              | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut  | 21    |
| 343451       | 430773       | MG_ECC_WA_984              | Drain            |               | Drain                      | Private                                  | 27                      | Minor                         | 32                           | Trenchless Techniques Only   | 20    |

| X Coordinate | Y Coordinate | Crossing Identification No | Type of Obstacle | Obstacle Name | Obstacle Description | Asset Owner                              | Trenchless Technique ID | Trenchless Technique Category | Trenchless Techniques Length | Proposed Crossing Method   | Sheet |
|--------------|--------------|----------------------------|------------------|---------------|----------------------|--|-------------------------|-------------------------------|------------------------------|--|-------|
| 343451       | 430773       | MG_ECC_OAR_WA_985          | Drain            |               | Drain                | Private                                  |                         |                               |                              | N/A  | 20    |
| 343451       | 430885       | MG_ECC_OAR_EN_986          | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | N/A  | 20    |
| 343452       | 430749       | MG_ECC_OAR_EN_987          | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | N/A  | 20    |
| 343453       | 430796       | MG_ECC_PW_988              | Bridleway        | 5-5-BW 16     | Bridleway            | Fylde Council                            |                         |                               |                              | Trenchless Techniques/ Open Cut  | 20    |
| 343453       | 430235       | MC_ECC_EN_989              | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 22    |
| 343454       | 430843       | MG_ECC_WA_990              | Drain            |               | Drain                | Private                                  | 26                      | Minor                         |                              | Trenchless Techniques Only   | 20    |
| 343454       | 430843       | MG_ECC_OAR_WA_991          | Drain            |               | Drain                | Private                                  |                         |                               |                              | N/A  | 20    |
| 343454       | 430792       | MG_ECC_PW_992              | Bridleway        | 5-5-BW 16     | Bridleway            | Fylde Council                            |                         |                               |                              | Trenchless Techniques/ Open Cut  | 20    |
| 343456       | 430838       | MG_LSS_EN_993              | Hedgerow         |               | Hedgerow             | Private                                  | 26                      | Minor                         |                              | Trenchless Techniques Only   | 20    |
| 343458       | 430075       | MC_LSS_EN_994              | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 22    |
| 343459       | 430108       | MC_LSS_EN_995              | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 22    |
| 343459       | 430107       | MC_GCC_OAR_WA_996          | Drain            |               | Drain                | Private                                  |                         |                               |                              | N/A  | 22    |
| 343460       | 430294       | MC_ECC_WA_997              | Drain            |               | Drain                | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 22    |
| 343462       | 430756       | MG_ECC_OAR_EN_998          | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | N/A  | 20    |
| 343463       | 430687       | MG_ECC_WA_999              | Drain            |               | Drain                | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 20    |
| 343463       | 430105       | MC_LSS_PW_1000             | Footpath         |               | Private Access Track | FYLDE                                    |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 22    |
| 343468       | 430645       | MG_ECC_OAR_WA_1001         | Drain            |               | Drain                | Private                                  |                         |                               |                              | N/A  | 20    |
| 343468       | 430618       | MG_ECC_OAR_EN_1002         | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | N/A  | 20    |
| 343472       | 430106       | MC_LSS_EN_1003             | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 22    |
| 343473       | 430661       | MG_LSS_EN_1004             | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut  | 20    |
| 343473       | 430610       | MG_ECC_OAR_UT_1005         | Cable            |               | Overhead Line        | Electricity North West                   |                         |                               |                              | N/A  | 20    |
| 343475       | 430599       | MG_ECC_OAR_UT_1006         | Cable            |               | Overhead Line        | Electricity North West                   |                         |                               |                              | N/A  | 20    |
| 343475       | 430637       | MG_ECC_OAR_EN_1007         | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | N/A  | 20    |
| 343477       | 430261       | MC_ECC_WA_1008             | Drain            |               | Drain                | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 22    |
| 343481       | 430021       | MC_LSS_TAT_RO_1009         | Road             | Lower Lane    | Minor Road           | Local Highway Authority                  |                         |                               |                              | N/A  | 22    |
| 343484       | 431273       | MG_LSS_EN_1010             | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | Trenchless Techniques / Open Cut   | 21    |
| 343486       | 430009       | MC_LSS_EN_1011             | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | Trenchless Techniques / Open Cut   | 22    |
| 343489       | 430008       | MC_LSS_RO_1012             | Road             | Lower Lane    | Minor Road           | Local Highway Authority                  |                         |                               |                              | Trenchless Techniques / Open Cut   | 22    |
| 343493       | 431326       | MG_LSS_UT_1014             | Cable            |               | Overhead Line        | Electricity North West                   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion   | 21    |
| 343494       | 430009       | MC_LSS_EN_1015             | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | Trenchless Techniques / Open Cut   | 22    |
| 343498       | 430595       | MG_ECC_OAR_UT_1016         | Cable            |               | Overhead Line        | Electricity North West                   |                         |                               |                              | N/A  | 20    |
| 343505       | 431649       | MG_LSS_TAT_UT_1017         | Cable            |               | Telecom              | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 21    |
| 343511       | 431415       | MG_LSS_EN_1018             | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut  | 21    |
| 343512       | 430603       | MG_ECC_OAR_UT_1019         | Cable            |               | Overhead Line        | Electricity North West                   |                         |                               |                              | N/A  | 20    |
| 343514       | 431648       | MG_LSS_TAT_EN_1020         | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | N/A  | 21    |
| 343523       | 431089       | MG_LSS_EN_1021             | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | Trenchless Techniques / Open Cut   | 21    |
| 343527       | 431088       | MG_LSS_WA_1022             | Drain            |               | Drain                | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 21    |
| 343545       | 430950       | MG_ECO_EN_1023             | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut  | 20    |
| 343551       | 431574       | MG_ECO_EN_1024             | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut  | 21    |
| 343553       | 430585       | MG_GCC_UT_1025             | Cable            |               | Overhead Line        | Electricity North West                   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion   | 20    |
| 343554       | 430595       | MG_GCC_UT_1026             | Cable            |               | Overhead Line        | Electricity North West                   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion   | 20    |
| 343562       | 430159       | MC_LSS_EN_1027             | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 22    |
| 343567       | 430174       | MC_LSS_EN_1028             | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 22    |
| 343569       | 430173       | MC_ECC_WA_1029             | Drain            |               | Drain                | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 22    |
| 343569       | 430171       | MC_LSS_PW_1030             | Footpath         |               | Private Access Track | FYLDE                                    |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 22    |
| 343570       | 430733       | MG_LSS_EN_1031             | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 20    |
| 343615       | 430636       | MG_LSS_EN_1032             | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 20    |
| 343626       | 430085       | MC_LSS_EN_1033             | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 22    |
| 343630       | 431030       | MG_LSS_EN_1034             | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 21    |
| 343630       | 431265       | MG_LSS_WA_1035             | Watercourse      | Dow Brook     | Main River (EA)      | Environment Agency                       |                         |                               |                              | N/A  | 21    |
| 343631       | 431354       | MG_LSS_WA_1036             | Watercourse      | Dow Brook     | Main River (EA)      | Environment Agency                       |                         |                               |                              | N/A  | 21    |
| 343631       | 431605       | MG_LSS_WA_1037             | Watercourse      | Dow Brook     | Main River (EA)      | Environment Agency                       |                         |                               |                              | N/A  | 21    |
| 343636       | 431591       | MG_LSS_WA_1038             | Watercourse      | Dow Brook     | Main River (EA)      | Environment Agency                       |                         |                               |                              | N/A  | 21    |
| 343638       | 430324       | MG_GCC_OAR_EN_1039         | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | N/A  | 22    |
| 343640       | 430064       | MC_LSS_PW_1040             | Footpath         |               | Private Access Track |  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 22    |
| 343641       | 431505       | MG_LSS_WA_1041             | Watercourse      | Dow Brook     | Main River (EA)      | Environment Agency                       |                         |                               |                              | N/A  | 21    |
| 343642       | 430302       | MG_ECC_OAR_WA_1042         | Drain            |               | Drain                | Private                                  |                         |                               |                              | N/A  | 22    |
| 343644       | 430334       | MG_GCC_OAR_EN_1043         | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | N/A  | 22    |
| 343644       | 430305       | MG_ECC_OAR_WA_1044         | Watercourse      |               | Ordinary Watercourse | Lancashire County Council                |                         |                               |                              | N/A  | 22    |
| 343647       | 430276       | MG_ECC_OAR_UT_1045         | Pipeline         |               | Sewerage             | United Utilities                         |                         |                               |                              | N/A  | 22    |
| 343651       | 430266       | MG_GCC_OAR_EN_1046         | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | N/A  | 22    |
| 343655       | 430242       | MG_ECC_OAR_PW_1047         | Footpath         | 5-5-FP 3      | Public Right of Way  | Fylde Council                            |                         |                               |                              | N/A  | 22    |
| 343672       | 431366       | MG_LSS_UT_1048             | Pipeline         |               | Sewerage             | United Utilities                         |                         |                               |                              | Trenchless Techniques/ Open Cut  | 21    |
| 343683       | 430886       | MG_LSS_EN_1049             | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 20    |
| 343691       | 430328       | MG_GCC_OAR_EN_1050         | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | N/A  | 22    |
| 343705       | 430568       | MG_ECO_UT_1051             | Cable            |               | Overhead Line        | Electricity North West                   |                         |                               |                              | N/A  | 20    |
| 343719       | 431376       | MG_LSS_EN_1052             | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut  | 21    |
| 343725       | 430035       | MC_LSS_EN_1053             | Hedgerow         |               | Hedgerow             | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 22    |
| 343734       | 430888       | MG_LSS_WA_1054             | Watercourse      | Dow Brook     | Main River (EA)      | Environment Agency                       |                         |                               |                              | N/A  | 20    |

| X Coordinate | Y Coordinate | Crossing Identification No | Type of Obstacle | Obstacle Name           | Obstacle Description       | Asset Owner                              | Trenchless Technique ID | Trenchless Technique Category | Trenchless Techniques Length | Proposed Crossing Method  | Sheet |
|--------------|--------------|----------------------------|------------------|-------------------------|----------------------------|--|-------------------------|-------------------------------|------------------------------|---|-------|
| 343737       | 430747       | MG_LSS_EN_1055             | Hedgerow         |                         | Hedgerow                   | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road  | 20    |
| 343747       | 430315       | MG_GCC_OAR_EN_1056         | Hedgerow         |                         | Hedgerow                   | Private                                  |                         |                               |                              | N/A   | 22    |
| 343772       | 430556       | MG_ECO_UT_1057             | Cable            |                         | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A   | 20    |
| 343777       | 430329       | MG_GCC_EN_1058             | Hedgerow         |                         | Hedgerow                   | Private                                  | 28                      | Minor                         | 122                          | Trenchless Techniques Only with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 22    |
| 343778       | 430328       | MG_GCC_WA_1059             | Drain            |                         | Drain                      | Private                                  | 28                      | Minor                         | 122                          | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert            | 22    |
| 343779       | 430325       | MG_GCC_WA_1060             | Watercourse      |                         | Ordinary Watercourse       | Lancashire County Council                | 28                      | Minor                         | 122                          | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert            | 22    |
| 343781       | 429891       | MC_LSS_EN_1061             | Hedgerow         |                         | Hedgerow                   | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road  | 22    |
| 343788       | 430303       | MG_GCC_UT_1062             | Pipeline         |                         | Sewerage                   | United Utilities                         | 28                      | Minor                         | 122                          | Trenchless Techniques Only with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 22    |
| 343810       | 430553       | MG_ECO_WA_1063             | Watercourse      | Dow Brook               | Main River (EA)            | Environment Agency                       |                         |                               |                              | N/A   | 20    |
| 343814       | 430154       | MC_LSS_EN_1064             | Hedgerow         |                         | Hedgerow                   | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road  | 22    |
| 343819       | 430102       | MC_LSS_EN_1065             | Hedgerow         |                         | Hedgerow                   | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road  | 22    |
| 343826       | 430214       | MC_GCC_EN_1066             | Hedgerow         |                         | Hedgerow                   | Local Authority/Private                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road  | 22    |
| 343826       | 429995       | MC_GCC_WA_1067             | Watercourse      | Dow Brook               | Main River (EA)            | Environment Agency                       | 29                      | Minor                         | 117                          | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert            | 22    |
| 343839       | 429839       | MC_LSS_TAT_UT_1068         | Cable            |                         | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A   | 22    |
| 343843       | 429834       | MC_LSS_TAT_UT_1069         | Cable            |                         | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A   | 22    |
| 343847       | 429828       | MC_LSS_TAT_UT_1070         | Cable            |                         | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A   | 22    |
| 343857       | 430118       | MC_LSS_EN_1071             | Hedgerow         |                         | Hedgerow                   | Private                                  | 30                      | Minor                         | 98                           | Trenchless Techniques Only with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 22    |
| 343858       | 430065       | MC_LSS_WA_1072             | Watercourse      | Dow Brook               | Main River (EA)            | Environment Agency                       |                         |                               |                              | N/A   | 22    |
| 343860       | 430119       | MC_GCC_PW_1073             | Footpath         | 5-5-FP 3                | Public Right of Way        | Fylde Council                            | 30                      | Minor                         | 98                           | Trenchless Techniques Only with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 22    |
| 343866       | 430097       | MC_LSS_EN_1074             | Hedgerow         |                         | Hedgerow                   | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road  | 22    |
| 343874       | 430082       | MC_GCC_WA_1075             | Drain            |                         | Culvert                    | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road  | 22    |
| 343877       | 430086       | MC_GCC_WA_1076             | Drain            |                         | Culvert                    | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road  | 22    |
| 343879       | 429981       | MC_GCC_PW_1077             | Footpath         | 5-5-FP 3                | Public Right of Way        | Fylde Council                            |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road  | 22    |
| 343881       | 429789       | MC_LSS_TAT_PW_1078         | Footpath         |                         | Private Access Track       | Private                                  |                         |                               |                              | N/A   | 22    |
| 343893       | 430104       | MG_GCC_WA_1079             | Watercourse      | Dow Brook               | Main River (EA)            | Environment Agency                       | 30                      | Minor                         | 98                           | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert            | 22    |
| 343905       | 429780       | MC_LSS_TAT_WA_1080         | Watercourse      | Dow Brook               | Main River (EA)            | Environment Agency                       |                         |                               |                              | Bridge (Bailey Bridge/ Clear Span)/culvert  | 22    |
| 343915       | 429778       | MC_LSS_TAT_PW_1081         | Footpath         |                         | Private Access Track       | Private                                  |                         |                               |                              | N/A   | 22    |
| 343957       | 429775       | MC_LSS_TAT_UT_1082         | Pipeline         |                         | Sewerage                   | United Utilities                         |                         |                               |                              | N/A   | 22    |
| 343957       | 429997       | MGMC_GCC_UT_1083           | Pipeline         |                         | Sewerage                   | United Utilities                         |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road  | 22    |
| 343984       | 430004       | MG_GCC_EN_1084             | Hedgerow         |                         | Hedgerow                   | Private                                  | 32                      | Minor                         | 98                           | Trenchless Techniques Only with Haul Road   | 22    |
| 344042       | 429767       | MC_LSS_TAT_PW_1085         | Footpath         | 5-5-FP 3                | Public Right of Way        | Fylde Council                            |                         |                               |                              | N/A   | 22    |
| 344053       | 429962       | MC_GCC_EN_1086             | Hedgerow         |                         | Hedgerow                   | Local Authority/Private                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road  | 22    |
| 344076       | 429900       | MGMC_GCC_PW_1087           | Footpath         |                         | Private Access Track       |  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road  | 22    |
| 344108       | 429800       | MGMC_GCC_TAT_UT_1088       | Cable            |                         | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A   | 22    |
| 344110       | 429794       | MGMC_GCC_TAT_UT_1089       | Cable            |                         | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A   | 22    |
| 344112       | 429789       | MGMC_GCC_TAT_UT_1090       | Cable            |                         | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A   | 22    |
| 344120       | 429928       | MC_GCC_EN_1091             | Hedgerow         |                         | Hedgerow                   | Local Authority/Private                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road  | 22    |
| 344123       | 429924       | MGMC_GCC_WA_1092           | Drain            |                         | Culvert                    | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road  | 22    |
| 344127       | 429927       | MGMC_GCC_WA_1093           | Drain            |                         | Culvert                    | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road  | 22    |
| 344129       | 429452       | MC_LSS_TCC_EN_1094         | Hedgerow         |                         | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary construction compound   | 23a   |
| 344131       | 429460       | MC_GCC_TCC_UT_1095         | Pipeline         |                         | Sewerage                   | United Utilities                         |                         |                               |                              | N/A   | 23a   |
| 344139       | 429440       | MGMC_GCC_TAT_UT_1096       | Cable            |                         | Telecom                    | Virgin Media                             |                         |                               |                              | N/A   | 23a   |
| 344146       | 429701       | MGMC_GCC_TAT_EN_1097       | Hedgerow         |                         | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track  | 22    |
| 344148       | 429703       | MGMC_GCC_TAT_PW_1098       | Footpath         | 5-5-FP 2                | Public Right of Way        | Fylde Council                            |                         |                               |                              | N/A   | 22    |
| 344168       | 429447       | MGMC_GCC_TAT_UT_1099       | Pipeline         |                         | Water                      | United Utilities                         |                         |                               |                              | N/A   | 23a   |
| 344171       | 429541       | MGMC_GCC_TAT_EN_1100       | Hedgerow         |                         | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track  | 23    |
| 344172       | 429448       | MGMC_GCC_TAT_UT_1101       | Cable            |                         | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A   | 23a   |
| 344172       | 429497       | MGMC_GCC_TAT_EN_1102       | Hedgerow         |                         | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track  | 23a   |
| 344172       | 429451       | MGMC_GCC_TAT_EN_1103       | Hedgerow         |                         | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track  | 23a   |
| 344173       | 429450       | MGMC_GCC_TAT_UT_1104       | Cable            |                         | Telecom                    | Virgin Media                             |                         |                               |                              | N/A   | 23a   |
| 344174       | 429449       | MGMC_GCC_TAT_UT_1105       | Cable            |                         | Telecom                    | Vodafone                                 |                         |                               |                              | N/A   | 23a   |
| 344174       | 429448       | MGMC_GCC_TAT_UT_1106       | Cable            |                         | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A   | 23a   |
| 344174       | 429449       | MGMC_GCC_TAT_UT_1107       | Cable            |                         | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A   | 23a   |
| 344175       | 429449       | MGMC_GCC_TAT_UT_1108       | Cable            |                         | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A   | 23a   |
| 344175       | 429449       | MGMC_GCC_TAT_UT_1109       | Cable            |                         | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A   | 23a   |
| 344183       | 429455       | MGMC_GCC_TAT_UT_1110       | Pipeline         |                         | Sewerage                   | United Utilities                         |                         |                               |                              | N/A   | 23a   |
| 344200       | 429433       | MGMC_GCC_TAT_UT_1111       | Cable            |                         | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A   | 23a   |
| 344200       | 429433       | MGMC_GCC_TAT_RO_1112       | Road             | Preston New Road (A584) | A Road                     | Local Highway Authority                  |                         |                               |                              | N/A   | 23a   |
| 344242       | 429443       | MGMC_GCC_TAT_UT_1113       | Pipeline         |                         | Water                      | United Utilities                         |                         |                               |                              | N/A   | 23a   |
| 344247       | 429902       | MGMC_GCC_WA_1114           | Watercourse      | Middle Pool             | Main River (EA)            | Environment Agency                       | 33                      | Minor                         | 100                          | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert            | 22    |
| 344266       | 429904       | MGMC_GCC_PW_1115           | Footpath         | 5-5-FP 2                | Public Right of Way        | Fylde Council                            | 33                      | Minor                         | 100                          | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert            | 22    |
| 344281       | 430127       | MGMC_GCC_OAR_EN_1116       | Hedgerow         |                         | Hedgerow                   | Private                                  |                         |                               |                              | N/A   | 23    |
| 344326       | 429892       | MGMC_GCC_EN_1117           | Hedgerow         |                         | Hedgerow                   | Local Authority/Private                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road  | 23    |
| 344362       | 430086       | MGMC_GCC_OAR_EN_1118       | Hedgerow         |                         | Hedgerow                   | Private                                  |                         |                               |                              | N/A   | 23    |

| X Coordinate | Y Coordinate | Crossing Identification No | Type of Obstacle | Obstacle Name           | Obstacle Description       | Asset Owner             | Trenchless Technique ID | Trenchless Technique Category | Trenchless Techniques Length | Proposed Crossing Method   | Sheet |
|--------------|--------------|----------------------------|------------------|-------------------------|----------------------------|-------------------------|-------------------------|-------------------------------|------------------------------|--|-------|
| 344382       | 429965       | MGMC_GCC_OAR_EN_1119       | Hedgerow         |                         | Hedgerow                   | Private                 |                         |                               |                              | N/A  | 23    |
| 344386       | 429925       | MGMC_GCC_PW_1120           | Footpath         |                         | Private Access Track       |                         |                         |                               |                              | Trenchless Techniques Only with Haul Road  | 23    |
| 344388       | 429925       | MGMC_GCC_EN_1121           | Hedgerow         |                         | Hedgerow                   | Local Authority/Private |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 23    |
| 344449       | 430242       | MGMC_GCC_OAR_EN_1122       | Hedgerow         |                         | Hedgerow                   | Private                 |                         |                               |                              | N/A  | 24    |
| 344501       | 429944       | MGMC_GCC_EN_1123           | Hedgerow         |                         | Hedgerow                   | Local Authority/Private |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 23    |
| 344517       | 430282       | MGMC_GCC_OAR_PW_1124       | Footpath         | 5-9-FP 5                | Public Right of Way        | Fylde Council           |                         |                               |                              | N/A  | 24    |
| 344531       | 430285       | MGMC_GCC_OAR_EN_1125       | Hedgerow         |                         | Hedgerow                   | Private                 |                         |                               |                              | N/A  | 24    |
| 344600       | 429961       | MGMC_GCC_WA_1126           | Drain            |                         | Drain                      | Private                 |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 23    |
| 344604       | 430500       | MGMC_GCC_OAR_UT_1127       | Pipeline         |                         | Water                      | United Utilities        |                         |                               |                              | N/A  | 24    |
| 344604       | 430500       | MGMC_GCC_OAR_UT_1128       | Pipeline         |                         | Water                      | United Utilities        |                         |                               |                              | N/A  | 24    |
| 344633       | 430438       | MGMC_GCC_OAR_UT_1129       | Cable            |                         | Overhead Line              | Electricity North West  |                         |                               |                              | N/A  | 24    |
| 344635       | 430429       | MGMC_GCC_OAR_UT_1130       | Cable            |                         | Overhead Line              | Electricity North West  |                         |                               |                              | N/A  | 24    |
| 344788       | 430459       | MGMC_GCC_OAR_UT_1131       | Cable            |                         | Underground Electric Cable | Electricity North West  |                         |                               |                              | N/A  | 24    |
| 344788       | 430459       | MGMC_GCC_OAR_UT_1132       | Cable            |                         | Overhead Line              | Electricity North West  |                         |                               |                              | N/A  | 24    |
| 344789       | 430450       | MGMC_GCC_OAR_UT_1133       | Cable            |                         | Underground Electric Cable | Electricity North West  |                         |                               |                              | N/A  | 24    |
| 344789       | 430449       | MGMC_GCC_OAR_UT_1134       | Cable            |                         | Overhead Line              | Electricity North West  |                         |                               |                              | N/A  | 24    |
| 344797       | 430375       | MGMC_GCC_OAR_PW_1135       | Bridleway        | 5-9-BW 12               | Bridleway                  | Fylde Council           |                         |                               |                              | N/A  | 24    |
| 344803       | 430255       | MGMC_GCC_OAR_EN_1136       | Hedgerow         |                         | Hedgerow                   | Private                 |                         |                               |                              | N/A  | 24    |
| 344819       | 430244       | MGMC_GCC_OAR_EN_1137       | Hedgerow         |                         | Hedgerow                   | Private                 |                         |                               |                              | N/A  | 24    |
| 344821       | 430035       | MGMC_GCC_WA_1138           | Drain            |                         | Drain                      | Private                 |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 23    |
| 344824       | 429995       | MGMC_GCC_WA_1139           | Drain            |                         | Drain                      | Private                 |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 23    |
| 344825       | 430011       | MGMC_GCC_EN_1140           | Hedgerow         |                         | Hedgerow                   | Local Authority/Private |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 23    |
| 344830       | 430099       | MG_GCC_TCC_WA_1142         | Drain            |                         | Drain                      | Private                 |                         |                               |                              | N/A / Culvert/ Bridge  | 23    |
| 344831       | 430012       | MGMC_GCC_PW_1143           | Bridleway        | 5-9-BW 12               | Bridleway                  | Fylde Council           |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 23    |
| 344832       | 429946       | MGMC_GCC_TAT_EN_1144       | Hedgerow         |                         | Hedgerow                   | Private                 |                         |                               |                              | Removal for temporary access track   | 23    |
| 344833       | 430069       | MG_GCC_TCC_WA_1145         | Drain            |                         | Drain                      | Private                 |                         |                               |                              | N/A / Culvert/ Bridge  | 23    |
| 344834       | 430080       | MG_GCC_TCC_EN_1146         | Hedgerow         |                         | Hedgerow                   | Private                 |                         |                               |                              | Removal for temporary construction compound  | 23    |
| 344834       | 429449       | MGMC_GCC_TAT_UT_1147       | Cable            |                         | Underground Electric Cable | Electricity North West  |                         |                               |                              | N/A  | 23b   |
| 344835       | 430045       | MGMC_GCC_WA_1148           | Drain            |                         | Drain                      | Private                 |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 23    |
| 344839       | 430004       | MGMC_GCC_WA_1150           | Drain            |                         | Drain                      | Private                 |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 23    |
| 344839       | 430014       | MGMC_GCC_EN_1151           | Hedgerow         |                         | Hedgerow                   | Local Authority/Private |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 23    |
| 344839       | 429904       | MGMC_GCC_TAT_WA_1152       | Drain            |                         | Drain                      | Private                 |                         |                               |                              | Bridge/Culvert   | 23    |
| 344843       | 429907       | MGMC_GCC_TAT_PW_1153       | Bridleway        | 5-9-BW 12               | Bridleway                  | Fylde Council           |                         |                               |                              | N/A  | 23    |
| 344844       | 429450       | MGMC_GCC_TAT_UT_1154       | Cable            |                         | Underground Electric Cable | Electricity North West  |                         |                               |                              | N/A  | 23b   |
| 344845       | 429906       | MGMC_GCC_TAT_WA_1155       | Drain            |                         | Drain                      | Private                 |                         |                               |                              | Bridge/Culvert   | 23    |
| 344850       | 429444       | MGMC_GCC_TAT_UT_1156       | Cable            |                         | Telecom                    | Virgin Media            |                         |                               |                              | N/A  | 23b   |
| 344855       | 429445       | MGMC_GCC_TAT_RO_1157       | Road             | Preston New Road (A584) | A Road                     | Local Highway Authority |                         |                               |                              | N/A  | 23b   |
| 344859       | 429451       | MGMC_GCC_TAT_UT_1158       | Cable            |                         | Underground Electric Cable | Electricity North West  |                         |                               |                              | N/A  | 23b   |
| 344867       | 429452       | MGMC_GCC_TAT_UT_1159       | Cable            |                         | Underground Electric Cable | Electricity North West  |                         |                               |                              | N/A  | 23b   |
| 344872       | 429452       | MGMC_GCC_TAT_UT_1160       | Cable            |                         | Underground Electric Cable | Electricity North West  |                         |                               |                              | N/A  | 23b   |
| 344909       | 429449       | MGMC_GCC_TAT_UT_1161       | Pipeline         |                         | Water                      | United Utilities        |                         |                               |                              | N/A  | 23b   |
| 344916       | 429680       | MGMC_GCC_TAT_UT_1162       | Cable            |                         | Underground Electric Cable | Electricity North West  |                         |                               |                              | N/A  | 23    |
| 344917       | 429675       | MGMC_GCC_TAT_UT_1163       | Cable            |                         | Underground Electric Cable | Electricity North West  |                         |                               |                              | N/A  | 23    |
| 344919       | 429670       | MGMC_GCC_TAT_UT_1164       | Cable            |                         | Underground Electric Cable | Electricity North West  |                         |                               |                              | N/A  | 23    |
| 344944       | 429450       | MGMC_GCC_TAT_UT_1165       | Cable            |                         | Telecom                    | Virgin Media            |                         |                               |                              | N/A  | 23b   |
| 344946       | 429600       | MGMC_GCC_TAT_EN_1166       | Hedgerow         |                         | Hedgerow                   | Private                 |                         |                               |                              | Removal for temporary access track   | 23    |
| 344966       | 429458       | MGMC_GCC_TAT_UT_1167       | Cable            |                         | Underground Electric Cable | Electricity North West  |                         |                               |                              | N/A  | 23b   |
| 344966       | 429458       | MGMC_GCC_TAT_UT_1168       | Cable            |                         | Underground Electric Cable | Electricity North West  |                         |                               |                              | N/A  | 23b   |
| 344974       | 429502       | MGMC_GCC_TAT_UT_1169       | Cable            |                         | Underground Electric Cable | Electricity North West  |                         |                               |                              | N/A  | 23b   |
| 344988       | 429462       | MGMC_GCC_TAT_EN_1170       | Hedgerow         |                         | Hedgerow                   | Private                 |                         |                               |                              | Removal for temporary access track   | 23b   |
| 344988       | 429461       | MGMC_GCC_TAT_UT_1171       | Cable            |                         | Telecom                    | Virgin Media            |                         |                               |                              | N/A  | 23b   |
| 344988       | 429460       | MGMC_GCC_TAT_UT_1172       | Cable            |                         | Underground Electric Cable | Electricity North West  |                         |                               |                              | N/A  | 23b   |
| 344988       | 429460       | MGMC_GCC_TAT_UT_1173       | Cable            |                         | Telecom                    | Vodafone                |                         |                               |                              | N/A  | 23b   |
| 344988       | 429460       | MGMC_GCC_TAT_UT_1174       | Cable            |                         | Underground Electric Cable | Electricity North West  |                         |                               |                              | N/A  | 23b   |
| 344988       | 429459       | MGMC_GCC_TAT_UT_1175       | Cable            |                         | Underground Electric Cable | Electricity North West  |                         |                               |                              | N/A  | 23b   |
| 345015       | 430089       | MGMC_GCC_WA_1176           | Drain            |                         | Drain                      | Private                 |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 23    |
| 345095       | 430155       | MGMC_GCC_WA_1177           | Drain            |                         | Drain                      | Private                 |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 24    |
| 345168       | 430211       | MGMC_GCC_WA_1178           | Drain            |                         | Drain                      | Private                 |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 24    |
| 345186       | 430125       | MC_GCC_TCC_WA_1179         | Drain            |                         | Drain                      | Private                 |                         |                               |                              | N/A / Culvert/ Bridge  | 24    |
| 345244       | 430249       | MGMC_GCC_WA_1180           | Drain            |                         | Drain                      | Private                 |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 24    |
| 345325       | 430272       | MGMC_GCC_UT_1181           | Cable            |                         | Underground Electric Cable | Electricity North West  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 25    |
| 345329       | 430273       | MGMC_GCC_WA_1182           | Drain            |                         | Drain                      | Private                 |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 25    |
| 345332       | 430274       | MGMC_GCC_PW_1183           | Footpath         | 5-9-FP 7                | Public Right of Way        | Fylde Council           |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 25    |
| 345333       | 430275       | MGMC_GCC_EN_1184           | Hedgerow         |                         | Hedgerow                   | Local Authority/Private |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 25    |

| X Coordinate | Y Coordinate | Crossing Identification No | Type of Obstacle | Obstacle Name         | Obstacle Description       | Asset Owner                              | Trenchless Technique ID | Trenchless Technique Category | Trenchless Techniques Length | Proposed Crossing Method   | Sheet |
|--------------|--------------|----------------------------|------------------|-----------------------|----------------------------|--|-------------------------|-------------------------------|------------------------------|--|-------|
| 345405       | 430295       | MGMC_GCC_WA_1185           | Drain            |                       | Drain                      | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 25    |
| 345410       | 430364       | MGMC_ECO_WA_1186           | Drain            |                       | Drain                      | Private                                  |                         |                               |                              | N/A  | 25    |
| 345412       | 430061       | MGMC_ECO_WA_1187           | Drain            |                       | Drain                      | Private                                  |                         |                               |                              | N/A  | 26    |
| 345460       | 430064       | MGMC_ECO_WA_1188           | Drain            |                       | Culvert                    | Private                                  |                         |                               |                              | N/A  | 26    |
| 345460       | 430066       | MGMC_ECO_WA_1189           | Drain            |                       | Culvert                    | Private                                  |                         |                               |                              | N/A  | 26    |
| 345480       | 430061       | MGMC_ECO_WA_1190           | Drain            |                       | Culvert                    | Private                                  |                         |                               |                              | N/A  | 26    |
| 345486       | 430061       | MGMC_ECO_WA_1191           | Drain            |                       | Culvert                    | Private                                  |                         |                               |                              | N/A  | 26    |
| 345493       | 430149       | MGMC_ECO_EN_1192           | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 25    |
| 345494       | 430159       | MGMC_ECO_WA_1193           | Drain            |                       | Drain                      | Private                                  |                         |                               |                              | N/A  | 25    |
| 345501       | 430299       | MGMC_GCC_PW_1194           | Footpath         |                       | Private Access Track       |  | 34                      | Minor                         | 382                          | Trenchless Techniques Only with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert      | 25    |
| 345504       | 430299       | MGMC_GCC_EN_1195           | Hedgerow         |                       | Hedgerow                   | Private                                  | 34                      | Minor                         | 382                          | Trenchless Techniques Only with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert      | 25    |
| 345505       | 430299       | MGMC_GCC_WA_1196           | Drain            |                       | Drain                      | Private                                  | 34                      | Minor                         | 382                          | Trenchless Techniques Only with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert      | 25    |
| 345506       | 430182       | MGMC_ECO_UT_1197           | Pipeline         |                       | Pipeline                   | Shell                                    |                         |                               |                              | N/A  | 25    |
| 345511       | 430373       | MGMC_ECO_WA_1198           | Drain            |                       | Drain                      | Private                                  |                         |                               |                              | N/A  | 25    |
| 345511       | 430396       | MGMC_ECO_EN_1199           | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 25    |
| 345516       | 430298       | MGMC_GCC_UT_1200           | Pipeline         |                       | Pipeline                   | Shell                                    | 34                      | Minor                         | 382                          | Trenchless Techniques Only with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert      | 25    |
| 345517       | 430474       | MGMC_GCC_OAR_EN_1201       | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 25    |
| 345521       | 430520       | MGMC_GCC_OAR_EN_1202       | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 25    |
| 345533       | 430547       | MGMC_GCC_OAR_UT_1203       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 25    |
| 345539       | 430558       | MGMC_GCC_OAR_UT_1204       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 25    |
| 345573       | 430199       | MGMC_ECO_EN_1205           | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 25    |
| 345592       | 430292       | MGMC_GCC_WA_1206           | Drain            |                       | Drain                      | Private                                  | 34                      | Minor                         | 382                          | Trenchless Techniques Only with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert      | 25    |
| 345601       | 430383       | MGMC_ECO_WA_1207           | Drain            |                       | Drain                      | Private                                  |                         |                               |                              | N/A  | 25    |
| 345605       | 430896       | MGMC_GCC_OAR_EN_1208       | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 25    |
| 345609       | 430894       | MGMC_GCC_OAR_UT_1209       | Cable            |                       | Telecom                    | Virgin Media                             |                         |                               |                              | N/A  | 25    |
| 345609       | 430895       | MGMC_GCC_OAR_UT_1210       | Cable            |                       | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 25    |
| 345609       | 430895       | MGMC_GCC_OAR_UT_1211       | Pipeline         |                       | Water                      | United Utilities                         |                         |                               |                              | N/A  | 25    |
| 345609       | 430895       | MGMC_GCC_OAR_UT_1212       | Cable            |                       | Telecom                    | Virgin Media                             |                         |                               |                              | N/A  | 25    |
| 345610       | 430895       | MGMC_GCC_OAR_UT_1213       | Cable            |                       | Telecom                    | Vodafone                                 |                         |                               |                              | N/A  | 25    |
| 345610       | 430895       | MGMC_GCC_OAR_UT_1214       | Cable            |                       | Telecom                    | Vodafone                                 |                         |                               |                              | N/A  | 25    |
| 345610       | 430896       | MGMC_GCC_OAR_UT_1215       | Cable            |                       | Telecom                    | Openreach [British Telecommunications]   |                         |                               |                              | N/A  | 25    |
| 345611       | 430902       | MGMC_GCC_OAR_RO_1216       | Road             | Blackpool Road (A583) | Primary Road               | Local Highway Authority                  |                         |                               |                              | N/A  | 25    |
| 345620       | 430762       | MGMC_GCC_OAR_EN_1217       | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 25    |
| 345636       | 429986       | MGMC_ECO_WA_1218           | Drain            |                       | Culvert                    | Private                                  |                         |                               |                              | N/A  | 26    |
| 345640       | 429984       | MGMC_ECO_WA_1219           | Drain            |                       | Culvert                    | Private                                  |                         |                               |                              | N/A  | 26    |
| 345661       | 430287       | MGMC_GCC_WA_1220           | Drain            |                       | Drain                      | Private                                  | 34                      | Minor                         | 382                          | Trenchless Techniques Only with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert      | 25    |
| 345662       | 430370       | MGMC_ECO_WA_1221           | Drain            |                       | Drain                      | Private                                  |                         |                               |                              | N/A  | 25    |
| 345699       | 430193       | MC_ECO_EN_1222             | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 25    |
| 345699       | 430026       | MGMC_ECO_UT_1223           | Pipeline         |                       | Pipeline                   | Shell                                    |                         |                               |                              | N/A  | 26    |
| 345703       | 430023       | MGMC_ECO_UT_1224           | Pipeline         |                       | Pipeline                   | Sabic UK                                 |                         |                               |                              | N/A  | 26    |
| 345714       | 430382       | MC_ECO_EN_1225             | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 25    |
| 345723       | 430282       | MGMC_GCC_EN_1226           | Hedgerow         |                       | Hedgerow                   | Private                                  | 34                      | Minor                         | 382                          | Trenchless Techniques Only with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert      | 25    |
| 345724       | 430282       | MGMC_GCC_WA_1227           | Drain            |                       | Drain                      | Private                                  | 34                      | Minor                         | 382                          | Trenchless Techniques Only with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert      | 25    |
| 345736       | 430148       | MGMC_ECO_WA_1228           | Drain            |                       | Drain                      | Private                                  |                         |                               |                              | N/A  | 25    |
| 345740       | 430072       | MC_ECO_EN_1229             | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 26    |
| 345746       | 430280       | MGMC_GCC_UT_1230           | Pipeline         |                       | Pipeline                   | Shell                                    | 34                      | Minor                         | 382                          | Trenchless Techniques Only with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert      | 25    |
| 345749       | 430280       | MGMC_GCC_UT_1231           | Pipeline         |                       | Pipeline                   | Sabic UK                                 | 34                      | Minor                         | 382                          | Trenchless Techniques Only with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert      | 25    |
| 345805       | 430276       | MGMC_GCC_UT_1232           | Pipeline         |                       | Gas                        | National Grid                            | 34                      | Minor                         | 382                          | Trenchless Techniques Only with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert      | 25    |
| 345816       | 430151       | MGMC_ECO_UT_1233           | Pipeline         |                       | Gas                        | National Grid                            |                         |                               |                              | N/A  | 25    |
| 345880       | 429914       | MC_ECO_EN_1234             | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 26    |
| 345951       | 429936       | MGMC_GCC_OAR_EN_1235       | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 26    |
| 346172       | 430105       | MGMC_GCC_WA_1236           | Drain            |                       | Drain                      | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 26    |
| 346179       | 429997       | MGMC_GCC_OAR_WA_1237       | Drain            |                       | Drain                      | Private                                  |                         |                               |                              | N/A  | 26    |
| 346239       | 430006       | MGMC_GCC_EN_1238           | Hedgerow         |                       | Hedgerow                   | Local Authority/Private                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 26    |
| 346240       | 430005       | MGMC_GCC_WA_1239           | Watercourse      |                       | Ordinary Watercourse       | Lancashire County Council                |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 26    |
| 346243       | 430000       | MGMC_GCC_PW_1240           | Footpath         |                       | Private Access Track       |  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 26    |
| 346247       | 429994       | MGMC_GCC_EN_1241           | Hedgerow         |                       | Hedgerow                   | Local Authority/Private                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 26    |
| 346254       | 429948       | MGMC_GCC_WA_1242           | Drain            |                       | Drain                      | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 26    |
| 346296       | 429453       | MC_GCC_TAT_UT_1243         | Cable            |                       | Telecom                    | Virgin Media                             |                         |                               |                              | N/A  | 27    |

| X Coordinate | Y Coordinate | Crossing Identification No | Type of Obstacle | Obstacle Name            | Obstacle Description       | Asset Owner                              | Trenchless Technique ID | Trenchless Technique Category | Trenchless Techniques Length | Proposed Crossing Method   | Sheet |
|--------------|--------------|----------------------------|------------------|--------------------------|----------------------------|--|-------------------------|-------------------------------|------------------------------|--|-------|
| 346309       | 430017       | MGMC_GCC_OAR_WA_1244       | Watercourse      |                          | Ordinary Watercourse       | Lancashire County Council                |                         |                               |                              | N/A  | 26    |
| 346313       | 430194       | MG_GCC_TAT_EN_1245         | Hedgerow         |                          | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track   | 26    |
| 346314       | 430194       | MG_GCC_TAT_UT_1246         | Cable            |                          | Telecom                    | Virgin Media                             |                         |                               |                              | N/A  | 26    |
| 346314       | 430194       | MG_GCC_TAT_UT_1247         | Cable            |                          | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 26    |
| 346319       | 430098       | MG_GCC_TCC_EN_1248         | Hedgerow         |                          | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary construction compound  | 26    |
| 346320       | 430091       | MG_GCC_TCC_WA_1249         | Drain            |                          | Drain                      | Private                                  |                         |                               |                              | N/A / Culvert/ Bridge  | 26    |
| 346321       | 430026       | MG_GCC_TCC_EN_1250         | Hedgerow         |                          | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary construction compound  | 26    |
| 346321       | 430032       | MG_GCC_TCC_WA_1251         | Drain            |                          | Drain                      | Private                                  |                         |                               |                              | N/A / Culvert/ Bridge  | 26    |
| 346326       | 429877       | MGMC_GCC_PW_1252           | Footpath         |                          | Private Access Track       |  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 26    |
| 346340       | 430027       | MGMC_GCC_OAR_EN_1253       | Hedgerow         |                          | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 26    |
| 346341       | 430159       | MG_GCC_TAT_UT_1254         | Cable            |                          | Telecom                    | Vodafone                                 |                         |                               |                              | N/A  | 26    |
| 346351       | 429462       | MC_GCC_TAT_UT_1255         | Cable            |                          | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 27    |
| 346352       | 430146       | MG_GCC_TAT_UT_1256         | Pipeline         |                          | Water                      | United Utilities                         |                         |                               |                              | N/A  | 26    |
| 346362       | 430128       | MG_GCC_TCC_UT_1257         | Cable            |                          | Telecom                    | Virgin Media                             |                         |                               |                              | N/A  | 26    |
| 346362       | 430128       | MG_GCC_TCC_EN_1258         | Hedgerow         |                          | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary construction compound  | 26    |
| 346363       | 429464       | MC_GCC_TAT_UT_1259         | Pipeline         |                          | Water                      | United Utilities                         |                         |                               |                              | N/A  | 27    |
| 346364       | 430127       | MG_GCC_TAT_UT_1260         | Cable            |                          | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 26    |
| 346365       | 429465       | MC_GCC_TAT_UT_1261         | Cable            |                          | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 27    |
| 346373       | 430065       | MG_GCC_TCC_EN_1262         | Hedgerow         |                          | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary construction compound  | 26    |
| 346373       | 430065       | MGMC_GCC_OAR_EN_1263       | Hedgerow         |                          | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 26    |
| 346376       | 430059       | MGMC_GCC_OAR_PW_1264       | Footpath         | 5-9-FP 8                 | Public Right of Way        | Fylde Council                            |                         |                               |                              | N/A  | 26    |
| 346378       | 429468       | MC_GCC_TAT_UT_1265         | Cable            |                          | Telecom                    | Vodafone                                 |                         |                               |                              | N/A  | 27    |
| 346383       | 429710       | MC_GCC_TCC_UT_1266         | Pipeline         |                          | Water                      | United Utilities                         |                         |                               |                              | N/A  | 26    |
| 346383       | 430084       | MGMC_GCC_OAR_UT_1267       | Cable            |                          | Telecom                    | Openreach [British Telecommunications]   |                         |                               |                              | N/A  | 26    |
| 346385       | 430090       | MGMC_GCC_OAR_UT_1268       | Cable            |                          | Telecom                    | Openreach [British Telecommunications]   |                         |                               |                              | N/A  | 26    |
| 346385       | 430096       | MGMC_GCC_OAR_UT_1269       | Cable            |                          | Telecom                    | Virgin Media                             |                         |                               |                              | N/A  | 26    |
| 346387       | 430100       | MG_GCC_OAR_UT_1270         | Cable            |                          | Telecom                    | Vodafone                                 |                         |                               |                              | N/A  | 26    |
| 346387       | 429462       | MC_GCC_TAT_UT_1271         | Cable            |                          | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 27    |
| 346387       | 430101       | MG_GCC_OAR_UT_1272         | Pipeline         |                          | Water                      | United Utilities                         |                         |                               |                              | N/A  | 26    |
| 346391       | 429796       | MGMC_GCC_UT_1273           | Pipeline         |                          | Water                      | United Utilities                         |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 26    |
| 346398       | 429465       | MC_GCC_TAT_UT_1274         | Cable            |                          | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 27    |
| 346400       | 429796       | MGMC_GCC_WA_1275           | Drain            |                          | Drain                      | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 26    |
| 346409       | 430079       | MG_GCC_TAT_UT_1276         | Cable            |                          | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 26    |
| 346410       | 430079       | MG_GCC_TAT_UT_1277         | Cable            |                          | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 26    |
| 346411       | 430080       | MG_GCC_TAT_UT_1278         | Cable            |                          | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 26    |
| 346415       | 430073       | MG_GCC_TAT_UT_1279         | Cable            |                          | Telecom                    | Openreach [British Telecommunications]   |                         |                               |                              | N/A  | 26    |
| 346416       | 429478       | MC_GCC_TAT_PW_1280         | Footpath         |                          | Private Access Track       |  |                         |                               |                              | N/A  | 27    |
| 346416       | 429467       | MC_GCC_TAT_RO_1281         | Road             | Prestion New Road (A584) | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A  | 27    |
| 346416       | 429474       | MC_GCC_TAT_EN_1282         | Hedgerow         |                          | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track   | 27    |
| 346417       | 429477       | MC_GCC_TAT_UT_1283         | Cable            |                          | Telecom                    | Virgin Media                             |                         |                               |                              | N/A  | 27    |
| 346421       | 429463       | MC_GCC_TAT_UT_1284         | Cable            |                          | Telecom                    | Virgin Media                             |                         |                               |                              | N/A  | 27    |
| 346605       | 429903       | MGMC_GCC_TAT_RO_1285       | Road             | Blackpool Road (A583)    | Primary Road               | Local Highway Authority                  |                         |                               |                              | N/A  | 27a   |
| 346627       | 429894       | MGMC_GCC_TAT_UT_1286       | Cable            |                          | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 27a   |
| 346631       | 429892       | MGMC_GCC_TAT_UT_1287       | Cable            |                          | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 27a   |
| 346633       | 429891       | MGMC_GCC_TAT_UT_1288       | Cable            |                          | Telecom                    | Openreach [British Telecommunications]   |                         |                               |                              | N/A  | 27a   |
| 346637       | 429887       | MGMC_GCC_TAT_UT_1289       | Cable            |                          | Telecom                    | Zayo Group UK Ltd co JSM Group Ltd       |                         |                               |                              | N/A  | 27a   |
| 346638       | 429888       | MGMC_GCC_TAT_EN_1290       | Hedgerow         |                          | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track   | 27a   |
| 346645       | 429883       | MGMC_GCC_TAT_UT_1291       | Cable            |                          | Telecom                    | Zayo Group UK Ltd co JSM Group Ltd       |                         |                               |                              | N/A  | 27a   |
| 346650       | 429881       | MGMC_GCC_TAT_UT_1292       | Cable            |                          | Telecom                    | Zayo                                     |                         |                               |                              | N/A  | 27a   |
| 346663       | 429499       | MGMC_GCC_OAR_UT_1293       | Cable            |                          | Telecom                    | Virgin Media                             |                         |                               |                              | N/A  | 27    |
| 346667       | 429850       | MGMC_GCC_UT_1294           | Cable            |                          | Underground Electric Cable | Electricity North West                   | 35                      | Minor                         | 92                           | Trenchless Techniques Only with Haul Road  | 27a   |
| 346667       | 429849       | MGMC_GCC_UT_1295           | Cable            |                          | Underground Electric Cable | Electricity North West                   | 35                      | Minor                         | 92                           | Trenchless Techniques Only with Haul Road  | 27a   |
| 346668       | 429852       | MGMC_GCC_UT_1296           | Cable            |                          | Underground Electric Cable | Electricity North West                   | 35                      | Minor                         | 92                           | Trenchless Techniques Only with Haul Road  | 27a   |
| 346696       | 429832       | MGMC_GCC_UT_1297           | Cable            |                          | Underground Electric Cable | Electricity North West                   | 35                      | Minor                         | 92                           | Trenchless Techniques Only with Haul Road  | 27a   |
| 346703       | 429826       | MGMC_GCC_EN_1298           | Hedgerow         |                          | Hedgerow                   | Private                                  | 35                      | Minor                         | 92                           | Trenchless Techniques Only with Haul Road  | 27a   |
| 346705       | 429827       | MGMC_GCC_UT_1299           | Cable            |                          | Underground Electric Cable | Electricity North West                   | 35                      | Minor                         | 92                           | Trenchless Techniques Only with Haul Road  | 27a   |
| 346706       | 429828       | MGMC_GCC_UT_1300           | Cable            |                          | Telecom                    | Virgin Media                             | 35                      | Minor                         | 92                           | Trenchless Techniques Only with Haul Road  | 27a   |
| 346706       | 429827       | MGMC_GCC_UT_1301           | Cable            |                          | Telecom                    | Vodafone                                 | 35                      | Minor                         | 92                           | Trenchless Techniques Only with Haul Road  | 27a   |
| 346707       | 429828       | MGMC_GCC_UT_1302           | Pipeline         |                          | Water                      | United Utilities                         | 35                      | Minor                         | 92                           | Trenchless Techniques Only with Haul Road  | 27a   |
| 346707       | 429845       | MGMC_GCC_EN_1303           | Hedgerow         |                          | Hedgerow                   | Private                                  | 35                      | Minor                         | 92                           | Trenchless Techniques Only with Haul Road  | 27a   |
| 346718       | 429832       | MGMC_GCC_RO_1304           | Road             | Blackpool Road (A583)    | Primary Road               | Local Highway Authority                  | 35                      | Minor                         | 92                           | Trenchless Techniques Only with Haul Road  | 27a   |
| 346726       | 429832       | MGMC_GCC_UT_1305           | Cable            |                          | Telecom                    | Openreach - [British Telecommunications] | 35                      | Minor                         | 92                           | Trenchless Techniques Only with Haul Road  | 27a   |
| 346727       | 429833       | MGMC_GCC_UT_1306           | Cable            |                          | Telecom                    | Openreach - [British Telecommunications] | 35                      | Minor                         | 92                           | Trenchless Techniques Only with Haul Road  | 27a   |
| 346727       | 429833       | MGMC_GCC_UT_1307           | Cable            |                          | Telecom                    | Openreach [British Telecommunications]   | 35                      | Minor                         | 92                           | Trenchless Techniques Only with Haul Road  | 27a   |
| 346728       | 429831       | MGMC_GCC_UT_1308           | Cable            |                          | Telecom                    | Zayo Group UK Ltd co JSM Group Ltd       | 35                      | Minor                         | 92                           | Trenchless Techniques Only with Haul Road  | 27a   |
| 346728       | 429815       | MGMC_GCC_UT_1309           | Cable            |                          | Underground Electric Cable | Electricity North West                   | 35                      | Minor                         | 92                           | Trenchless Techniques Only with Haul Road  | 27a   |
| 346729       | 429815       | MGMC_GCC_UT_1310           | Cable            |                          | Underground Electric Cable | Electricity North West                   | 35                      | Minor                         | 92                           | Trenchless Techniques Only with Haul Road  | 27a   |
| 346731       | 429832       | MGMC_GCC_UT_1311           | Cable            |                          | Telecom                    | Zayo Group UK Ltd co JSM Group Ltd       | 35                      | Minor                         | 92                           | Trenchless Techniques Only with Haul Road  | 27a   |
| 346733       | 429832       | MGMC_GCC_UT_1312           | Cable            |                          | Telecom                    | Zayo                                     | 35                      | Minor                         | 92                           | Trenchless Techniques Only with Haul Road  | 27a   |
| 346740       | 429835       | MGMC_GCC_UT_1313           | Pipeline         |                          | Gas                        | Cadent Gas                               | 35                      | Minor                         | 92                           | Trenchless Techniques Only with Haul Road  | 27a   |
| 346865       | 430017       | MGMC_GCC_OAR_RO_1314       | Road             | Lodge Lane               | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A  | 27a   |
| 346866       | 430018       | MGMC_GCC_TAT_WA_1315       | Watercourse      |                          | Ordinary Watercourse       | Lancashire County Council                |                         |                               |                              | Bridge/Culvert   | 27a   |

| X Coordinate | Y Coordinate | Crossing Identification No | Type of Obstacle | Obstacle Name         | Obstacle Description       | Asset Owner                              | Trenchless Technique ID | Trenchless Technique Category | Trenchless Techniques Length | Proposed Crossing Method  | Sheet |
|--------------|--------------|----------------------------|------------------|-----------------------|----------------------------|--|-------------------------|-------------------------------|------------------------------|---|-------|
| 346867       | 430010       | MGMC_GCC_TAT_UT_1316       | Pipeline         |                       | Sewerage                   | United Utilities                         |                         |                               |                              | N/A   | 27a   |
| 346867       | 430017       | MGMC_GCC_OAR_UT_1317       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A   | 27a   |
| 346868       | 430017       | MGMC_GCC_OAR_UT_1318       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A   | 27a   |
| 346868       | 430017       | MGMC_GCC_OAR_UT_1319       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A   | 27a   |
| 346870       | 430017       | MGMC_GCC_OAR_UT_1320       | Cable            |                       | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A   | 27a   |
| 346870       | 430015       | MGMC_GCC_OAR_UT_1321       | Cable            |                       | Telecom                    | Vodafone                                 |                         |                               |                              | N/A   | 27a   |
| 346872       | 430016       | MGMC_GCC_OAR_EN_1322       | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | N/A   | 27a   |
| 346874       | 429874       | MGMC_GCC_WA_1324           | Drain            |                       | Drain                      | Private                                  | 36                      | Minor                         | 111                          | Trenchless Techniques Only with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 27a   |
| 346875       | 429985       | MGMC_GCC_TAT_UT_1325       | Cable            |                       | Telecom                    | Vodafone                                 |                         |                               |                              | N/A   | 27a   |
| 346876       | 429951       | MGMC_GCC_TAT_RO_1326       | Road             | Lodge Lane            | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A   | 27a   |
| 346878       | 429952       | MGMC_GCC_TAT_UT_1327       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A   | 27a   |
| 346878       | 429952       | MGMC_GCC_TAT_UT_1328       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A   | 27a   |
| 346878       | 429952       | MGMC_GCC_TAT_UT_1329       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A   | 27a   |
| 346880       | 429953       | MGMC_GCC_TAT_UT_1330       | Cable            |                       | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A   | 27a   |
| 346883       | 430018       | MGMC_GCC_OAR_WA_1331       | Watercourse      |                       | Ordinary Watercourse       | Lancashire County Council                |                         |                               |                              | N/A   | 27a   |
| 346886       | 429926       | MGMC_GCC_TAT_EN_1332       | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track  | 27a   |
| 346889       | 429880       | MGMC_GCC_RO_1334           | Road             | Lodge Lane            | Minor Road                 | Local Highway Authority                  | 36                      | Minor                         | 111                          | Trenchless Techniques Only with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 27a   |
| 346889       | 429880       | MGMC_GCC_UT_1335           | Cable            |                       | Underground Electric Cable | Electricity North West                   | 36                      | Minor                         | 111                          | Trenchless Techniques Only with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 27a   |
| 346889       | 429880       | MGMC_GCC_UT_1336           | Cable            |                       | Underground Electric Cable | Electricity North West                   | 36                      | Minor                         | 111                          | Trenchless Techniques Only with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 27a   |
| 346890       | 429880       | MGMC_GCC_UT_1337           | Cable            |                       | Underground Electric Cable | Electricity North West                   | 36                      | Minor                         | 111                          | Trenchless Techniques Only with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 27a   |
| 346891       | 429881       | MGMC_GCC_UT_1338           | Cable            |                       | Telecom                    | Openreach - [British Telecommunications] | 36                      | Minor                         | 111                          | Trenchless Techniques Only with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 27a   |
| 346892       | 429879       | MGMC_GCC_UT_1339           | Cable            |                       | Telecom                    | Vodafone                                 | 36                      | Minor                         | 111                          | Trenchless Techniques Only with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 27a   |
| 346893       | 429881       | MGMC_GCC_EN_1340           | Hedgerow         |                       | Hedgerow                   | Private                                  | 36                      | Minor                         | 111                          | Trenchless Techniques Only with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 27a   |
| 346899       | 430010       | MGMC_GCC_OAR_UT_1341       | Pipeline         |                       | Sewerage                   | United Utilities                         |                         |                               |                              | N/A   | 27a   |
| 346906       | 429818       | MGMC_GCC_TAT_EN_1342       | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track  | 27a   |
| 346907       | 429795       | MGMC_GCC_TAT_UT_1343       | Pipeline         |                       | Gas                        | Cadent Gas                               |                         |                               |                              | N/A   | 27a   |
| 346907       | 429779       | MGMC_GCC_TAT_UT_1344       | Cable            |                       | Telecom                    | Zayo Group UK Ltd co JSM Group Ltd       |                         |                               |                              | N/A   | 27a   |
| 346907       | 429779       | MGMC_GCC_TAT_UT_1345       | Cable            |                       | Telecom                    | Zayo Group UK Ltd co JSM Group Ltd       |                         |                               |                              | N/A   | 27a   |
| 346908       | 429794       | MGMC_GCC_TAT_UT_1346       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A   | 27a   |
| 346910       | 429782       | MGMC_GCC_TAT_UT_1347       | Cable            |                       | Telecom                    | Zayo                                     |                         |                               |                              | N/A   | 27a   |
| 346910       | 429781       | MGMC_GCC_TAT_UT_1348       | Cable            |                       | Telecom                    | Zayo Group UK Ltd co JSM Group Ltd       |                         |                               |                              | N/A   | 27a   |
| 346967       | 429603       | MGMC_GCC_OAR_EN_1349       | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | N/A   | 27b   |
| 346968       | 429603       | MGMC_GCC_OAR_UT_1350       | Cable            |                       | Telecom                    | Vodafone                                 |                         |                               |                              | N/A   | 27b   |
| 346968       | 429604       | MGMC_GCC_OAR_UT_1351       | Cable            |                       | Telecom                    | Openreach [British Telecommunications]   |                         |                               |                              | N/A   | 27b   |
| 346969       | 429604       | MGMC_GCC_OAR_UT_1352       | Cable            |                       | Telecom                    | Virgin Media                             |                         |                               |                              | N/A   | 27b   |
| 346969       | 429604       | MGMC_GCC_OAR_UT_1353       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A   | 27b   |
| 346969       | 429604       | MGMC_GCC_OAR_UT_1354       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A   | 27b   |
| 346969       | 429604       | MGMC_GCC_OAR_UT_1355       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A   | 27b   |
| 346970       | 429604       | MGMC_GCC_OAR_UT_1356       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A   | 27b   |
| 346970       | 429585       | MGMC_GCC_OAR_UT_1357       | Cable            |                       | Telecom                    | Vodafone                                 |                         |                               |                              | N/A   | 27b   |
| 346973       | 429588       | MGMC_GCC_OAR_UT_1358       | Cable            |                       | Telecom                    | Neos Networks                            |                         |                               |                              | N/A   | 27b   |
| 346974       | 429589       | MGMC_GCC_OAR_UT_1359       | Cable            |                       | Telecom                    | Virgin Media                             |                         |                               |                              | N/A   | 27b   |
| 346974       | 429589       | MGMC_GCC_OAR_UT_1360       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A   | 27b   |
| 346974       | 429589       | MGMC_GCC_OAR_UT_1361       | Cable            |                       | Telecom                    | Openreach [British Telecommunications]   |                         |                               |                              | N/A   | 27b   |
| 346974       | 429590       | MGMC_GCC_OAR_UT_1362       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A   | 27b   |
| 346974       | 429590       | MGMC_GCC_OAR_UT_1363       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A   | 27b   |
| 346974       | 429590       | MGMC_GCC_OAR_UT_1364       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A   | 27b   |
| 346974       | 429590       | MGMC_GCC_OAR_UT_1365       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A   | 27b   |
| 346974       | 429590       | MGMC_GCC_OAR_UT_1366       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A   | 27b   |
| 346975       | 429591       | MGMC_GCC_OAR_UT_1367       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A   | 27b   |
| 346975       | 429591       | MGMC_GCC_OAR_UT_1368       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A   | 27b   |
| 347458       | 429743       | MGMC_GCC_UT_1369           | Cable            |                       | Underground Electric Cable | Electricity North West                   | 37                      | Minor                         | 106                          | Trenchless Techniques Only  | 28a   |
| 347460       | 429741       | MGMC_GCC_UT_1370           | Cable            |                       | Underground Electric Cable | Electricity North West                   | 37                      | Minor                         | 106                          | Trenchless Techniques Only  | 28a   |
| 347460       | 429740       | MGMC_GCC_UT_1371           | Cable            |                       | Underground Electric Cable | Electricity North West                   | 37                      | Minor                         | 106                          | Trenchless Techniques Only  | 28a   |
| 347492       | 429720       | MGMC_GCC_UT_1372           | Pipeline         |                       | Gas                        | Cadent Gas                               | 37                      | Minor                         | 106                          | Trenchless Techniques Only  | 28a   |
| 347492       | 429720       | MGMC_GCC_UT_1373           | Pipeline         |                       | Gas                        | Cadent Gas                               | 37                      | Minor                         | 106                          | Trenchless Techniques Only  | 28a   |
| 347494       | 429744       | MGMC_GCC_UT_1374           | Cable            |                       | Telecom                    | Zayo Group UK Ltd co JSM Group Ltd       | 37                      | Minor                         | 106                          | Trenchless Techniques Only  | 28a   |
| 347494       | 429744       | MGMC_GCC_EN_1375           | Hedgerow         |                       | Hedgerow                   | Private                                  | 37                      | Minor                         | 106                          | Trenchless Techniques Only  | 28a   |
| 347495       | 429743       | MGMC_GCC_UT_1376           | Cable            |                       | Telecom                    | Zayo Group UK Ltd co JSM Group Ltd       | 37                      | Minor                         | 106                          | Trenchless Techniques Only  | 28a   |
| 347495       | 429743       | MGMC_GCC_UT_1377           | Cable            |                       | Underground Electric Cable | Electricity North West                   | 37                      | Minor                         | 106                          | Trenchless Techniques Only  | 28a   |
| 347495       | 429743       | MGMC_GCC_UT_1378           | Cable            |                       | Telecom                    | Vodafone                                 | 37                      | Minor                         | 106                          | Trenchless Techniques Only  | 28a   |
| 347495       | 429743       | MGMC_GCC_UT_1379           | Cable            |                       | Telecom                    | Vodafone                                 | 37                      | Minor                         | 106                          | Trenchless Techniques Only  | 28a   |
| 347495       | 429740       | MGMC_GCC_UT_1380           | Cable            |                       | Underground Electric Cable | Electricity North West                   | 37                      | Minor                         | 106                          | Trenchless Techniques Only  | 28a   |
| 347496       | 429740       | MGMC_GCC_UT_1381           | Cable            |                       | Underground Electric Cable | Electricity North West                   | 37                      | Minor                         | 106                          | Trenchless Techniques Only  | 28a   |
| 347498       | 429734       | MGMC_GCC_RO_1382           | Road             | Blackpool Road (A583) | Primary Road               | Local Highway Authority                  | 37                      | Minor                         | 106                          | Trenchless Techniques Only  | 28a   |
| 347498       | 429743       | MGMC_GCC_UT_1383           | Cable            |                       | Underground Electric Cable | Electricity North West                   | 37                      | Minor                         | 106                          | Trenchless Techniques Only  | 28a   |

| X Coordinate | Y Coordinate | Crossing Identification No | Type of Obstacle | Obstacle Name         | Obstacle Description       | Asset Owner                              | Trenchless Technique ID | Trenchless Technique Category | Trenchless Techniques Length | Proposed Crossing Method           | Sheet |
|--------------|--------------|----------------------------|------------------|-----------------------|----------------------------|--|-------------------------|-------------------------------|------------------------------|------------------------------------|-------|
| 347499       | 429756       | MGMC_GCC_UT_1384           | Pipeline         |                       | Sewerage                   | United Utilities                         | 37                      | Minor                         | 106                          | Trenchless Techniques Only         | 28a   |
| 347499       | 429729       | MGMC_GCC_UT_1385           | Cable            |                       | Telecom                    | Virgin Media                             | 37                      | Minor                         | 106                          | Trenchless Techniques Only         | 28a   |
| 347499       | 429729       | MGMC_GCC_UT_1386           | Cable            |                       | Telecom                    | Virgin Media                             | 37                      | Minor                         | 106                          | Trenchless Techniques Only         | 28a   |
| 347500       | 429728       | MGMC_GCC_UT_1387           | Cable            |                       | Telecom                    | Openreach - [British Telecommunications] | 37                      | Minor                         | 106                          | Trenchless Techniques Only         | 28a   |
| 347500       | 429741       | MGMC_GCC_UT_1388           | Cable            |                       | Underground Electric Cable | Electricity North West                   | 37                      | Minor                         | 106                          | Trenchless Techniques Only         | 28a   |
| 347500       | 429728       | MGMC_GCC_UT_1389           | Cable            |                       | Telecom                    | Virgin Media                             | 37                      | Minor                         | 106                          | Trenchless Techniques Only         | 28a   |
| 347500       | 429728       | MGMC_GCC_UT_1390           | Cable            |                       | Telecom                    | Vodafone                                 | 37                      | Minor                         | 106                          | Trenchless Techniques Only         | 28a   |
| 347500       | 429728       | MGMC_GCC_UT_1391           | Cable            |                       | Telecom                    | Vodafone                                 | 37                      | Minor                         | 106                          | Trenchless Techniques Only         | 28a   |
| 347500       | 429728       | MGMC_GCC_UT_1392           | Cable            |                       | Telecom                    | Vodafone                                 | 37                      | Minor                         | 106                          | Trenchless Techniques Only         | 28a   |
| 347500       | 429728       | MGMC_GCC_UT_1393           | Cable            |                       | Telecom                    | Virgin Media                             | 37                      | Minor                         | 106                          | Trenchless Techniques Only         | 28a   |
| 347500       | 429728       | MGMC_GCC_UT_1394           | Cable            |                       | Telecom                    | Neos Networks                            | 37                      | Minor                         | 106                          | Trenchless Techniques Only         | 28a   |
| 347500       | 429728       | MGMC_GCC_UT_1395           | Cable            |                       | Telecom                    | Openreach - [British Telecommunications] | 37                      | Minor                         | 106                          | Trenchless Techniques Only         | 28a   |
| 347500       | 429741       | MGMC_GCC_UT_1396           | Cable            |                       | Underground Electric Cable | Electricity North West                   | 37                      | Minor                         | 106                          | Trenchless Techniques Only         | 28a   |
| 347500       | 429728       | MGMC_GCC_UT_1397           | Cable            |                       | Underground Electric Cable | Electricity North West                   | 37                      | Minor                         | 106                          | Trenchless Techniques Only         | 28a   |
| 347500       | 429727       | MGMC_GCC_UT_1398           | Cable            |                       | Telecom                    | Openreach - [British Telecommunications] | 37                      | Minor                         | 106                          | Trenchless Techniques Only         | 28a   |
| 347500       | 429727       | MGMC_GCC_UT_1399           | Cable            |                       | Telecom                    | Openreach - [British Telecommunications] | 37                      | Minor                         | 106                          | Trenchless Techniques Only         | 28a   |
| 347500       | 429727       | MGMC_GCC_UT_1400           | Cable            |                       | Telecom                    | Openreach - [British Telecommunications] | 37                      | Minor                         | 106                          | Trenchless Techniques Only         | 28a   |
| 347500       | 429727       | MGMC_GCC_UT_1401           | Cable            |                       | Telecom                    | Openreach - [British Telecommunications] | 37                      | Minor                         | 106                          | Trenchless Techniques Only         | 28a   |
| 347500       | 429727       | MGMC_GCC_UT_1402           | Cable            |                       | Telecom                    | Vodafone                                 | 37                      | Minor                         | 106                          | Trenchless Techniques Only         | 28a   |
| 347500       | 429727       | MGMC_GCC_UT_1403           | Cable            |                       | Telecom                    | Vodafone                                 | 37                      | Minor                         | 106                          | Trenchless Techniques Only         | 28a   |
| 347500       | 429726       | MGMC_GCC_UT_1404           | Cable            |                       | Telecom                    | Neos Networks                            | 37                      | Minor                         | 106                          | Trenchless Techniques Only         | 28a   |
| 347501       | 429725       | MGMC_GCC_EN_1405           | Hedgerow         |                       | Hedgerow                   | Private                                  | 37                      | Minor                         | 106                          | Trenchless Techniques Only         | 28a   |
| 347535       | 429470       | MGMC_GCC_OAR_WA_1406       | Drain            |                       | Culvert                    | Private                                  |                         |                               |                              | N/A                                | 28    |
| 347543       | 429727       | MGMC_GCC_TAT_UT_1407       | Cable            |                       | Telecom                    | Vodafone                                 |                         |                               |                              | N/A                                | 28a   |
| 347558       | 429719       | MGMC_GCC_TAT_UT_1408       | Pipeline         |                       | Gas                        | Cadent Gas                               |                         |                               |                              | N/A                                | 28a   |
| 347558       | 429719       | MGMC_GCC_TAT_UT_1409       | Pipeline         |                       | Gas                        | Cadent Gas                               |                         |                               |                              | N/A                                | 28a   |
| 347562       | 429725       | MGMC_GCC_TAT_EN_1410       | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track | 28a   |
| 347562       | 429728       | MGMC_GCC_TAT_UT_1411       | Cable            |                       | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A                                | 28a   |
| 347570       | 429727       | MGMC_GCC_TAT_UT_1412       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                                | 28a   |
| 347585       | 429725       | MGMC_GCC_TAT_UT_1413       | Cable            |                       | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A                                | 28a   |
| 347586       | 429728       | MGMC_GCC_TAT_UT_1414       | Cable            |                       | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A                                | 28a   |
| 347590       | 429734       | MGMC_GCC_TAT_RO_1415       | Road             | Blackpool Road (A583) | Primary Road               | Local Highway Authority                  |                         |                               |                              | N/A                                | 28b   |
| 347594       | 429729       | MGMC_GCC_TAT_UT_1416       | Cable            |                       | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A                                | 28b   |
| 347596       | 429727       | MGMC_GCC_TAT_UT_1417       | Cable            |                       | Telecom                    | Vodafone                                 |                         |                               |                              | N/A                                | 28b   |
| 347600       | 429729       | MGMC_GCC_TAT_UT_1418       | Cable            |                       | Telecom                    | Vodafone                                 |                         |                               |                              | N/A                                | 28b   |
| 347600       | 429729       | MGMC_GCC_TAT_UT_1419       | Cable            |                       | Telecom                    | Vodafone                                 |                         |                               |                              | N/A                                | 28b   |
| 347601       | 429727       | MGMC_GCC_TAT_UT_1420       | Cable            |                       | Telecom                    | Neos Networks                            |                         |                               |                              | N/A                                | 28b   |
| 347616       | 429728       | MGMC_GCC_TAT_UT_1421       | Cable            |                       | Telecom                    | Virgin Media                             |                         |                               |                              | N/A                                | 28b   |
| 347618       | 429728       | MGMC_GCC_TAT_UT_1422       | Cable            |                       | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A                                | 28b   |
| 347618       | 429728       | MGMC_GCC_TAT_UT_1423       | Cable            |                       | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A                                | 28b   |
| 347620       | 429728       | MGMC_GCC_TAT_UT_1424       | Cable            |                       | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A                                | 28b   |
| 347620       | 429728       | MGMC_GCC_TAT_UT_1425       | Cable            |                       | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A                                | 28b   |
| 347623       | 429728       | MGMC_GCC_TAT_UT_1426       | Cable            |                       | Telecom                    | Vodafone                                 |                         |                               |                              | N/A                                | 28b   |
| 347624       | 429728       | MGMC_GCC_TAT_UT_1427       | Cable            |                       | Telecom                    | Neos Networks                            |                         |                               |                              | N/A                                | 28b   |
| 347625       | 429728       | MGMC_GCC_TAT_UT_1428       | Cable            |                       | Telecom                    | Virgin Media                             |                         |                               |                              | N/A                                | 28b   |
| 347627       | 429729       | MGMC_GCC_TAT_UT_1429       | Cable            |                       | Telecom                    | Virgin Media                             |                         |                               |                              | N/A                                | 28b   |
| 347627       | 429729       | MGMC_GCC_TAT_UT_1430       | Cable            |                       | Telecom                    | Virgin Media                             |                         |                               |                              | N/A                                | 28b   |
| 347627       | 429728       | MGMC_GCC_TAT_UT_1431       | Cable            |                       | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A                                | 28b   |
| 347627       | 429726       | MGMC_GCC_TAT_UT_1432       | Cable            |                       | Telecom                    | Vodafone                                 |                         |                               |                              | N/A                                | 28b   |
| 347627       | 429726       | MGMC_GCC_TAT_UT_1433       | Cable            |                       | Telecom                    | Vodafone                                 |                         |                               |                              | N/A                                | 28b   |
| 347670       | 429752       | MGMC_GCC_OAR_PW_1434       | Footpath         |                       | Private Access Track       | FYLDE                                    |                         |                               |                              | N/A                                | 28b   |
| 347678       | 429733       | MGMC_GCC_OAR_RO_1435       | Road             | Blackpool Road (A583) | Primary Road               | Local Highway Authority                  |                         |                               |                              | N/A                                | 28b   |
| 347678       | 429724       | MGMC_GCC_OAR_UT_1436       | Cable            |                       | Telecom                    | Vodafone                                 |                         |                               |                              | N/A                                | 28b   |
| 347678       | 429724       | MGMC_GCC_OAR_UT_1437       | Cable            |                       | Telecom                    | Vodafone                                 |                         |                               |                              | N/A                                | 28b   |
| 347678       | 429724       | MGMC_GCC_OAR_UT_1438       | Pipeline         |                       | Water                      | United Utilities                         |                         |                               |                              | N/A                                | 28b   |
| 347678       | 429724       | MGMC_GCC_OAR_UT_1439       | Cable            |                       | Telecom                    | Neos Networks                            |                         |                               |                              | N/A                                | 28b   |
| 347678       | 429725       | MGMC_GCC_OAR_UT_1440       | Cable            |                       | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A                                | 28b   |
| 347678       | 429725       | MGMC_GCC_OAR_UT_1441       | Cable            |                       | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A                                | 28b   |
| 347678       | 429726       | MGMC_GCC_OAR_UT_1442       | Cable            |                       | Telecom                    | Virgin Media                             |                         |                               |                              | N/A                                | 28b   |
| 347678       | 429725       | MGMC_GCC_OAR_UT_1443       | Cable            |                       | Telecom                    | Vodafone                                 |                         |                               |                              | N/A                                | 28b   |
| 347678       | 429726       | MGMC_GCC_OAR_UT_1444       | Cable            |                       | Telecom                    | Vodafone                                 |                         |                               |                              | N/A                                | 28b   |
| 347678       | 429726       | MGMC_GCC_OAR_UT_1445       | Cable            |                       | Telecom                    | Vodafone                                 |                         |                               |                              | N/A                                | 28b   |
| 347678       | 429726       | MGMC_GCC_OAR_UT_1446       | Cable            |                       | Telecom                    | Neos Networks                            |                         |                               |                              | N/A                                | 28b   |
| 347679       | 429726       | MGMC_GCC_OAR_UT_1447       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                                | 28b   |
| 347679       | 429726       | MGMC_GCC_OAR_UT_1448       | Cable            |                       | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A                                | 28b   |
| 347679       | 429726       | MGMC_GCC_OAR_UT_1449       | Cable            |                       | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A                                | 28b   |
| 347679       | 429726       | MGMC_GCC_OAR_UT_1450       | Cable            |                       | Telecom                    | Virgin Media                             |                         |                               |                              | N/A                                | 28b   |
| 347679       | 429719       | MGMC_GCC_OAR_UT_1451       | Pipeline         |                       | Gas                        | Cadent Gas                               |                         |                               |                              | N/A                                | 28b   |
| 347680       | 429727       | MGMC_GCC_OAR_UT_1452       | Cable            |                       | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A                                | 28b   |
| 347680       | 429727       | MGMC_GCC_OAR_UT_1453       | Cable            |                       | Telecom                    | Virgin Media                             |                         |                               |                              | N/A                                | 28b   |
| 347680       | 429727       | MGMC_GCC_OAR_UT_1454       | Cable            |                       | Telecom                    | Virgin Media                             |                         |                               |                              | N/A                                | 28b   |
| 347682       | 429712       | MGMC_GCC_OAR_UT_1455       | Cable            |                       | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A                                | 28b   |
| 347695       | 429745       | MGMC_GCC_OAR_UT_1456       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A                                | 28b   |
| 347697       | 429736       | MGMC_GCC_OAR_UT_1457       | Cable            |                       | Telecom                    | Vodafone                                 |                         |                               |                              | N/A                                | 28b   |



| X Coordinate | Y Coordinate | Crossing Identification No | Type of Obstacle | Obstacle Name         | Obstacle Description       | Asset Owner                              | Trenchless Technique ID | Trenchless Technique Category | Trenchless Techniques Length | Proposed Crossing Method   | Sheet |
|--------------|--------------|----------------------------|------------------|-----------------------|----------------------------|--|-------------------------|-------------------------------|------------------------------|--|-------|
| 347697       | 429736       | MGMC_GCC_OAR_UT_1458       | Cable            |                       | Telecom                    | Vodafone                                 |                         |                               |                              | N/A  | 28b   |
| 347697       | 429737       | MGMC_GCC_OAR_UT_1459       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 28b   |
| 347697       | 429737       | MGMC_GCC_OAR_UT_1460       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 28b   |
| 347697       | 429737       | MGMC_GCC_OAR_UT_1461       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 28b   |
| 347697       | 429737       | MGMC_GCC_OAR_UT_1462       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 28b   |
| 347697       | 429738       | MGMC_GCC_OAR_UT_1463       | Cable            |                       | Telecom                    | Zayo Group UK Ltd co JSM Group Ltd       |                         |                               |                              | N/A  | 28b   |
| 347697       | 429739       | MGMC_GCC_OAR_UT_1464       | Cable            |                       | Telecom                    | Zayo Group UK Ltd co JSM Group Ltd       |                         |                               |                              | N/A  | 28b   |
| 347706       | 429654       | MGMC_GCC_OAR_UT_1465       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 28    |
| 347740       | 429514       | MGMC_GCC_OAR_WA_1466       | Drain            |                       | Culvert                    | Private                                  |                         |                               |                              | N/A  | 28    |
| 347742       | 429505       | MGMC_GCC_PW_1467           | Footpath         |                       | Private Access Track       |  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road                             | 28    |
| 347744       | 429513       | MGMC_GCC_OAR_WA_1468       | Drain            |                       | Culvert                    | Private                                  |                         |                               |                              | N/A  | 28    |
| 347765       | 429417       | MGMC_GCC_UT_1469           | Cable            |                       | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion                         | 28    |
| 347824       | 429418       | MGMC_GCC_UT_1470           | Cable            |                       | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion                         | 28    |
| 347905       | 429542       | MGMC_GCC_WA_1471           | Watercourse      |                       | Main River (EA)            | Environment Agency                       | 38                      | Major                         | 504                          | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert | 28    |
| 347907       | 429619       | MGMC_GCC_EN_1472           | Hedgerow         |                       | Hedgerow                   | Private                                  | 38                      | Major                         | 504                          | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert | 28    |
| 347908       | 429618       | MGMC_BB_EN_1473            | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 28    |
| 347972       | 429627       | MGMC_GCC_UT_1474           | Pipeline         |                       | Gas                        | Cadent Gas                               | 38                      | Major                         | 504                          | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert | 28    |
| 347977       | 429624       | MGMC_GCC_PW_1475           | Footpath         |                       | Private Access Track       |  | 38                      | Major                         | 504                          | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert | 28    |
| 347978       | 429635       | MGMC_GCC_EN_1476           | Hedgerow         |                       | Hedgerow                   | Private                                  | 38                      | Major                         | 504                          | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert | 28    |
| 348168       | 429698       | MGMC_GCC_UT_1477           | Pipeline         |                       | Gas                        | National Grid Gas Transmission           | 38                      | Major                         | 504                          | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert | 28    |
| 348204       | 429461       | MGMC_ECO_UT_1478           | Cable            |                       | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 29    |
| 348204       | 429721       | MGMC_GCC_EN_1479           | Hedgerow         |                       | Hedgerow                   | Private                                  | 38                      | Major                         | 504                          | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert | 29    |
| 348208       | 429456       | MGMC_ECO_UT_1480           | Cable            |                       | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 29    |
| 348214       | 429452       | MGMC_ECO_UT_1481           | Cable            |                       | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 29    |
| 348226       | 429669       | MGMC_GCC_EN_1482           | Hedgerow         |                       | Hedgerow                   | Private                                  | 38                      | Major                         | 504                          | Trenchless Techniques Only with Bridge (Bailey Bridge/ Clear Span)/culvert | 29    |
| 348229       | 429619       | MGMC_GCC_OAR_UT_1483       | Pipeline         |                       | Gas                        | National Grid Gas Transmission           |                         |                               |                              | N/A  | 29    |
| 348259       | 429867       | MGMC_GCC_OAR_UT_1484       | Pipeline         |                       | Water                      | United Utilities                         |                         |                               |                              | N/A  | 29a   |
| 348260       | 429867       | MGMC_GCC_OAR_UT_1485       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 29a   |
| 348260       | 429867       | MGMC_GCC_OAR_UT_1486       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 29a   |
| 348262       | 429895       | MGMC_GCC_TAT_UT_1487       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 29a   |
| 348262       | 429895       | MGMC_GCC_TAT_UT_1488       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 29a   |
| 348264       | 429863       | MGMC_GCC_OAR_UT_1489       | Cable            |                       | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 29a   |
| 348265       | 429896       | MGMC_GCC_TAT_UT_1490       | Cable            |                       | Telecom                    | Zayo Group UK Ltd co JSM Group Ltd       |                         |                               |                              | N/A  | 29a   |
| 348265       | 429896       | MGMC_GCC_TAT_UT_1491       | Cable            |                       | Telecom                    | Zayo Group UK Ltd co JSM Group Ltd       |                         |                               |                              | N/A  | 29a   |
| 348265       | 429896       | MGMC_GCC_TAT_UT_1492       | Cable            |                       | Telecom                    | Zayo Group UK Ltd co JSM Group Ltd       |                         |                               |                              | N/A  | 29a   |
| 348265       | 429897       | MGMC_GCC_TAT_UT_1493       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 29a   |
| 348265       | 429897       | MGMC_GCC_TAT_UT_1494       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 29a   |
| 348265       | 429897       | MGMC_GCC_TAT_UT_1495       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 29a   |
| 348265       | 429897       | MGMC_GCC_TAT_UT_1496       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 29a   |
| 348266       | 429900       | MGMC_GCC_TAT_UT_1497       | Cable            |                       | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 29a   |
| 348266       | 429895       | MGMC_GCC_TAT_UT_1498       | Cable            |                       | Telecom                    | Vodafone                                 |                         |                               |                              | N/A  | 29a   |
| 348266       | 429895       | MGMC_GCC_TAT_UT_1499       | Cable            |                       | Telecom                    | Vodafone                                 |                         |                               |                              | N/A  | 29a   |
| 348266       | 429893       | MGMC_GCC_TAT_UT_1500       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 29a   |
| 348266       | 429893       | MGMC_GCC_TAT_UT_1501       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 29a   |
| 348267       | 429895       | MGMC_GCC_TAT_RO_1502       | Road             | Blackpool Road (A583) | Primary Road               | Local Highway Authority                  |                         |                               |                              | N/A  | 29a   |
| 348269       | 429903       | MGMC_GCC_TAT_PW_1503       | Footpath         |                       | Private Access Track       |  |                         |                               |                              | N/A  | 29a   |
| 348269       | 429867       | MGMC_GCC_OAR_UT_1504       | Cable            |                       | Telecom                    | Neos Networks                            |                         |                               |                              | N/A  | 29a   |
| 348269       | 429868       | MGMC_GCC_OAR_UT_1505       | Cable            |                       | Telecom                    | Virgin Media                             |                         |                               |                              | N/A  | 29a   |
| 348269       | 429868       | MGMC_GCC_OAR_UT_1506       | Cable            |                       | Telecom                    | Virgin Media                             |                         |                               |                              | N/A  | 29a   |
| 348270       | 429866       | MGMC_GCC_OAR_UT_1507       | Cable            |                       | Telecom                    | Virgin Media                             |                         |                               |                              | N/A  | 29a   |
| 348270       | 429866       | MGMC_GCC_OAR_UT_1508       | Cable            |                       | Telecom                    | Virgin Media                             |                         |                               |                              | N/A  | 29a   |
| 348270       | 429866       | MGMC_GCC_OAR_UT_1509       | Pipeline         |                       | Water                      | United Utilities                         |                         |                               |                              | N/A  | 29a   |
| 348270       | 429866       | MGMC_GCC_OAR_UT_1510       | Cable            |                       | Telecom                    | Neos Networks                            |                         |                               |                              | N/A  | 29a   |
| 348270       | 429894       | MGMC_GCC_TAT_UT_1511       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 29a   |
| 348270       | 429865       | MGMC_GCC_OAR_UT_1512       | Cable            |                       | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 29a   |
| 348271       | 429865       | MGMC_GCC_OAR_UT_1513       | Cable            |                       | Telecom                    | Vodafone                                 |                         |                               |                              | N/A  | 29a   |
| 348271       | 429864       | MGMC_GCC_OAR_UT_1514       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 29a   |
| 348271       | 429864       | MGMC_GCC_OAR_UT_1515       | Cable            |                       | Telecom                    | Vodafone                                 |                         |                               |                              | N/A  | 29a   |
| 348274       | 429688       | MGMC_GCC_EN_1516           | Hedgerow         |                       | Hedgerow                   | Local Authority/Private                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road                             | 29    |
| 348280       | 429697       | MGMC_GCC_PW_1517           | Footpath         |                       | Private Access Track       |  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road                             | 29    |
| 348280       | 429697       | MGMC_GCC_PW_1518           | Footpath         |                       | Private Access Track       |  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road                             | 29    |
| 348282       | 429841       | MGMC_GCC_OAR_EN_1519       | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 29    |
| 348282       | 429695       | MGMC_GCC_EN_1520           | Hedgerow         |                       | Hedgerow                   | Local Authority/Private                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road                             | 29    |
| 348289       | 429678       | MGMC_GCC_OAR_EN_1521       | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 29    |
| 348292       | 429619       | MGMC_GCC_OAR_UT_1522       | Pipeline         |                       | Gas                        | National Grid Gas Transmission           |                         |                               |                              | N/A  | 29    |
| 348297       | 429990       | MGMC_GCC_TAT_UT_1523       | Cable            |                       | Overhead Line              | National Grid Electricity Transmission   |                         |                               |                              | N/A  | 29    |

| X Coordinate | Y Coordinate | Crossing Identification No | Type of Obstacle | Obstacle Name         | Obstacle Description       | Asset Owner                              | Trenchless Technique ID | Trenchless Technique Category | Trenchless Techniques Length | Proposed Crossing Method                       | Sheet |
|--------------|--------------|----------------------------|------------------|-----------------------|----------------------------|--|-------------------------|-------------------------------|------------------------------|--|-------|
| 348300       | 429619       | MGMC_GCC_TAT_UT_1524       | Pipeline         |                       | Gas                        | National Grid Gas Transmission           |                         |                               |                              | N/A  | 29    |
| 348303       | 429608       | MGMC_GCC_TAT_EN_1525       | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track             | 29    |
| 348304       | 429605       | MGMC_GCC_OAR_EN_1526       | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 29    |
| 348305       | 429920       | MGMC_GCC_TAT_EN_1527       | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track             | 29a   |
| 348305       | 429920       | MGMC_GCC_TAT_UT_1528       | Cable            |                       | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 29a   |
| 348306       | 429919       | MGMC_GCC_TAT_UT_1529       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 29a   |
| 348306       | 429919       | MGMC_GCC_TAT_UT_1530       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 29a   |
| 348306       | 429918       | MGMC_GCC_TAT_UT_1531       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 29a   |
| 348307       | 429918       | MGMC_GCC_TAT_UT_1532       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 29a   |
| 348307       | 429918       | MGMC_GCC_TAT_UT_1533       | Cable            |                       | Telecom                    | Zayo Group UK Ltd co JSM Group Ltd       |                         |                               |                              | N/A  | 29a   |
| 348308       | 429916       | MGMC_GCC_TAT_UT_1534       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 29a   |
| 348308       | 429916       | MGMC_GCC_TAT_UT_1535       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 29a   |
| 348308       | 429916       | MGMC_GCC_TAT_UT_1536       | Cable            |                       | Telecom                    | Vodafone                                 |                         |                               |                              | N/A  | 29a   |
| 348308       | 429916       | MGMC_GCC_TAT_UT_1537       | Cable            |                       | Telecom                    | Vodafone                                 |                         |                               |                              | N/A  | 29a   |
| 348309       | 429619       | MGMC_GCC_OAR_UT_1538       | Pipeline         |                       | Gas                        | National Grid Gas Transmission           |                         |                               |                              | N/A  | 29    |
| 348314       | 429904       | MGMC_GCC_TAT_UT_1539       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 29a   |
| 348314       | 429904       | MGMC_GCC_TAT_UT_1540       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 29a   |
| 348315       | 429809       | MGMC_GCC_TAT_PW_1541       | Footpath         |                       | Private Access Track       |  |                         |                               |                              | N/A  | 29    |
| 348315       | 429902       | MGMC_GCC_TAT_RO_1542       | Road             | Blackpool Road (A583) | Primary Road               | Local Highway Authority                  |                         |                               |                              | N/A  | 29a   |
| 348318       | 429973       | MGMC_GCC_TAT_UT_1543       | Cable            |                       | Overhead Line              | National Grid Electricity Transmission   |                         |                               |                              | N/A  | 29a   |
| 348318       | 429619       | MGMC_GCC_OAR_UT_1544       | Pipeline         |                       | Gas                        | National Grid Gas Transmission           |                         |                               |                              | N/A  | 29    |
| 348319       | 429983       | MGMC_GCC_TAT_EN_1545       | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track             | 29    |
| 348319       | 429893       | MGMC_GCC_TAT_UT_1546       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 29a   |
| 348320       | 429893       | MGMC_GCC_TAT_UT_1547       | Cable            |                       | Telecom                    | Virgin Media                             |                         |                               |                              | N/A  | 29a   |
| 348320       | 429893       | MGMC_GCC_TAT_UT_1548       | Cable            |                       | Telecom                    | Neos Networks                            |                         |                               |                              | N/A  | 29a   |
| 348320       | 429893       | MGMC_GCC_TAT_UT_1549       | Cable            |                       | Telecom                    | Virgin Media                             |                         |                               |                              | N/A  | 29a   |
| 348320       | 429893       | MGMC_GCC_TAT_UT_1550       | Cable            |                       | Telecom                    | Virgin Media                             |                         |                               |                              | N/A  | 29a   |
| 348320       | 429892       | MGMC_GCC_TAT_UT_1551       | Cable            |                       | Telecom                    | Virgin Media                             |                         |                               |                              | N/A  | 29a   |
| 348321       | 429892       | MGMC_GCC_TAT_UT_1552       | Cable            |                       | Telecom                    | Virgin Media                             |                         |                               |                              | N/A  | 29a   |
| 348321       | 429892       | MGMC_GCC_TAT_UT_1553       | Cable            |                       | Telecom                    | Virgin Media                             |                         |                               |                              | N/A  | 29a   |
| 348321       | 429891       | MGMC_GCC_TAT_UT_1554       | Cable            |                       | Telecom                    | Vodafone                                 |                         |                               |                              | N/A  | 29a   |
| 348321       | 429892       | MGMC_GCC_TAT_UT_1555       | Cable            |                       | Telecom                    | Vodafone                                 |                         |                               |                              | N/A  | 29a   |
| 348321       | 429892       | MGMC_GCC_TAT_UT_1556       | Cable            |                       | Telecom                    | Vodafone                                 |                         |                               |                              | N/A  | 29a   |
| 348321       | 429891       | MGMC_GCC_TAT_UT_1557       | Cable            |                       | Telecom                    | Neos Networks                            |                         |                               |                              | N/A  | 29a   |
| 348321       | 429891       | MGMC_GCC_TAT_UT_1558       | Cable            |                       | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 29a   |
| 348321       | 429890       | MGMC_GCC_TAT_UT_1559       | Cable            |                       | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 29a   |
| 348321       | 429890       | MGMC_GCC_TAT_UT_1560       | Pipeline         |                       | Water                      | United Utilities                         |                         |                               |                              | N/A  | 29a   |
| 348321       | 429890       | MGMC_GCC_TAT_UT_1561       | Cable            |                       | Telecom                    | Vodafone                                 |                         |                               |                              | N/A  | 29a   |
| 348323       | 429887       | MGMC_GCC_TAT_EN_1562       | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track             | 29a   |
| 348324       | 429564       | MGMC_GCC_TAT_UT_1563       | Pipeline         |                       | Gas                        | Cadent Gas                               |                         |                               |                              | N/A  | 29    |
| 348326       | 429972       | MGMC_GCC_TAT_EN_1564       | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track             | 29a   |
| 348335       | 429560       | MGMC_GCC_OAR_UT_1565       | Pipeline         |                       | Gas                        | Cadent Gas                               |                         |                               |                              | N/A  | 29    |
| 348342       | 429545       | MGMC_GCC_TAT_PW_1566       | Footpath         |                       | Private Access Track       |  |                         |                               |                              | N/A  | 29    |
| 348346       | 430042       | MGMC_GCC_TAT_UT_1567       | Cable            |                       | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 29    |
| 348348       | 429948       | MGMC_GCC_TAT_UT_1568       | Cable            |                       | Overhead Line              | National Grid Electricity Transmission   |                         |                               |                              | N/A  | 29a   |
| 348348       | 429943       | MGMC_GCC_TAT_EN_1569       | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track             | 29a   |
| 348357       | 429537       | MGMC_GCC_TAT_PW_1570       | Footpath         |                       | Private Access Track       |  |                         |                               |                              | N/A  | 29    |
| 348357       | 429941       | MGMC_GCC_TAT_UT_1571       | Cable            |                       | Overhead Line              | National Grid Electricity Transmission   |                         |                               |                              | N/A  | 29a   |
| 348359       | 429814       | MGMC_GCC_TAT_EN_1572       | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track             | 29    |
| 348359       | 429814       | MGMC_GCC_OAR_EN_1573       | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 29    |
| 348368       | 430036       | MGMC_GCC_TAT_UT_1574       | Cable            |                       | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 29    |
| 348382       | 429957       | MGMC_GCC_TAT_UT_1575       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 29a   |
| 348382       | 429957       | MGMC_GCC_TAT_UT_1576       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 29a   |
| 348382       | 429956       | MGMC_GCC_TAT_UT_1577       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 29a   |
| 348382       | 429956       | MGMC_GCC_TAT_UT_1578       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 29a   |
| 348382       | 429956       | MGMC_GCC_TAT_UT_1579       | Cable            |                       | Telecom                    | Zayo Group UK Ltd co JSM Group Ltd       |                         |                               |                              | N/A  | 29a   |
| 348382       | 429958       | MGMC_GCC_TAT_UT_1580       | Cable            |                       | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 29a   |
| 348382       | 429955       | MGMC_GCC_TAT_UT_1581       | Cable            |                       | Telecom                    | Vodafone                                 |                         |                               |                              | N/A  | 29a   |
| 348383       | 429956       | MGMC_GCC_TAT_RO_1582       | Road             | Blackpool Road (A583) | Primary Road               | Local Highway Authority                  |                         |                               |                              | N/A  | 29a   |
| 348387       | 429962       | MGMC_GCC_TAT_EN_1583       | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track             | 29a   |
| 348391       | 430004       | MGMC_GCC_TAT_UT_1584       | Cable            |                       | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 29    |
| 348392       | 430000       | MGMC_GCC_TAT_EN_1585       | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track             | 29    |
| 348393       | 430012       | MGMC_GCC_TAT_EN_1586       | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track             | 29    |
| 348395       | 429966       | MGMC_GCC_TAT_UT_1587       | Pipeline         |                       | Water                      | United Utilities                         |                         |                               |                              | N/A  | 29a   |
| 348395       | 429963       | MGMC_GCC_TAT_UT_1588       | Cable            |                       | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 29a   |
| 348403       | 429738       | MGMC_GCC_OAR_EN_1589       | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 29    |
| 348413       | 429689       | MGMC_GCC_EN_1590           | Hedgerow         |                       | Hedgerow                   | Local Authority/Private                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 29    |
| 348414       | 429682       | MGMC_BB_EN_1591            | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 29    |
| 348422       | 429509       | MGMC_GCC_TAT_PW_1592       | Footpath         |                       | Private Access Track       |  |                         |                               |                              | N/A  | 29    |
| 348428       | 429523       | MGMC_BB_EN_1593            | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 29    |
| 348444       | 429610       | MGMC_BB_EN_1594            | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 29    |
| 348446       | 429485       | MGMC_GCC_TAT_UT_1595       | Cable            |                       | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 29    |
| 348458       | 429481       | MGMC_GCC_TAT_UT_1596       | Cable            |                       | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 29    |
| 348465       | 429479       | MGMC_GCC_TAT_EN_1597       | Hedgerow         |                       | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track             | 29    |

| X Coordinate | Y Coordinate | Crossing Identification No | Type of Obstacle | Obstacle Name | Obstacle Description       | Asset Owner                              | Trenchless Technique ID | Trenchless Technique Category | Trenchless Techniques Length | Proposed Crossing Method                           | Sheet |
|--------------|--------------|----------------------------|------------------|---------------|----------------------------|--|-------------------------|-------------------------------|------------------------------|--|-------|
| 348468       | 429477       | MGMC_GCC_TAT_UT_1598       | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 29    |
| 348515       | 429620       | MG_BB_UT_1599              | Pipeline         |               | Gas                        | National Grid Gas Transmission           |                         |                               |                              | N/A  | 29    |
| 348541       | 429475       | MGMC_GCC_TAT_PW_1600       | Footpath         |               | Private Access Track       |  |                         |                               |                              | N/A  | 29    |
| 348544       | 429787       | MGMC_GCC_OAR_UT_1601       | Cable            |               | Overhead Line              | National Grid Electricity Transmission   |                         |                               |                              | N/A  | 29    |
| 348584       | 429754       | MG_BB_UT_1602              | Cable            |               | Overhead Line              | National Grid Electricity Transmission   |                         |                               |                              | N/A  | 29    |
| 348584       | 429497       | MG_BB_UT_1603              | Pipeline         |               | Gas                        | Cadent Gas                               |                         |                               |                              | N/A  | 29    |
| 348598       | 429349       | MGMC_BB_EN_1604            | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 29    |
| 348602       | 429468       | MG_BB_WA_1605              | Drain            |               | Culvert                    | Private                                  |                         |                               |                              | N/A  | 29    |
| 348606       | 429824       | MGMC_GCC_OAR_UT_1606       | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 29    |
| 348607       | 429467       | MG_BB_WA_1607              | Drain            |               | Culvert                    | Private                                  |                         |                               |                              | N/A  | 29    |
| 348611       | 429833       | MGMC_GCC_OAR_UT_1608       | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 29    |
| 348628       | 429852       | MGMC_GCC_OAR_UT_1609       | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 29    |
| 348632       | 429722       | MGMC_GCC_OAR_UT_1610       | Cable            |               | Overhead Line              | National Grid Electricity Transmission   |                         |                               |                              | N/A  | 29    |
| 348632       | 429816       | MGMC_GCC_OAR_UT_1611       | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 29    |
| 348635       | 429856       | MGMC_GCC_OAR_UT_1612       | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 29    |
| 348638       | 429825       | MGMC_GCC_OAR_UT_1613       | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 29    |
| 348647       | 429838       | MGMC_GCC_OAR_UT_1614       | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 29    |
| 348648       | 429505       | MG_BB_UT_1615              | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 29    |
| 348651       | 429846       | MGMC_GCC_OAR_UT_1616       | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 29    |
| 348651       | 429440       | MC_BB_UT_1617              | Pipeline         |               | Gas                        | National Grid Gas Transmission           |                         |                               |                              | N/A  | 29    |
| 348657       | 429502       | MG_BB_UT_1618              | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 29    |
| 348661       | 429497       | MG_BB_UT_1619              | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 29    |
| 348814       | 429433       | MC_BB_WA_1620              | Drain            |               | Culvert                    | Private                                  |                         |                               |                              | N/A  | 29    |
| 348820       | 429433       | MC_BB_WA_1621              | Drain            |               | Culvert                    | Private                                  |                         |                               |                              | N/A  | 29    |
| 348842       | 429626       | MGMC_GCC_WA_1622           | Drain            |               | Drain                      | Private                                  | 39                      | Major                         | 465                          | Trenchless Techniques Only                         | 29    |
| 348874       | 429675       | MGMC_GCC_EN_1623           | Hedgerow         |               | Hedgerow                   | Private                                  | 39                      | Major                         | 465                          | Trenchless Techniques Only                         | 29    |
| 348932       | 429990       | MGMC_GCC_OAR_UT_1624       | Cable            |               | Telecom                    | Neos Networks                            |                         |                               |                              | N/A  | 29    |
| 348932       | 429990       | MGMC_GCC_OAR_UT_1625       | Cable            |               | Telecom                    | Virgin Media                             |                         |                               |                              | N/A  | 29    |
| 348933       | 429990       | MGMC_GCC_OAR_UT_1626       | Cable            |               | Telecom                    | Virgin Media                             |                         |                               |                              | N/A  | 29    |
| 348938       | 429986       | MGMC_GCC_OAR_UT_1627       | Cable            |               | Telecom                    | Virgin Media                             |                         |                               |                              | N/A  | 29    |
| 348938       | 429986       | MGMC_GCC_OAR_UT_1628       | Cable            |               | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 29    |
| 348938       | 429984       | MGMC_GCC_OAR_UT_1629       | Cable            |               | Telecom                    | Vodafone                                 |                         |                               |                              | N/A  | 29    |
| 348939       | 429986       | MGMC_GCC_OAR_UT_1630       | Cable            |               | Telecom                    | Virgin Media                             |                         |                               |                              | N/A  | 29    |
| 348939       | 429984       | MGMC_GCC_OAR_UT_1631       | Cable            |               | Telecom                    | Vodafone                                 |                         |                               |                              | N/A  | 29    |
| 348939       | 429986       | MGMC_GCC_OAR_UT_1632       | Cable            |               | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 29    |
| 348939       | 429983       | MGMC_GCC_OAR_UT_1633       | Cable            |               | Telecom                    | Vodafone                                 |                         |                               |                              | N/A  | 29    |
| 348939       | 429982       | MGMC_GCC_OAR_UT_1634       | Cable            |               | Telecom                    | Vodafone                                 |                         |                               |                              | N/A  | 29    |
| 348961       | 429625       | MGMC_GCC_WA_1635           | Drain            |               | Drain                      | Private                                  | 39                      | Major                         | 465                          | Trenchless Techniques Only                         | 29    |
| 348968       | 429284       | MGMC_GCC_TAT_EN_1636       | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track                 | 31    |
| 348977       | 429963       | MGMC_GCC_OAR_EN_1637       | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 29    |
| 348998       | 429954       | MGMC_GCC_OAR_UT_1638       | Cable            |               | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 29    |
| 348998       | 429954       | MGMC_GCC_OAR_UT_1639       | Cable            |               | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 29    |
| 349006       | 429949       | MGMC_GCC_OAR_UT_1640       | Cable            |               | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 29    |
| 349010       | 429918       | MGMC_GCC_OAR_UT_1641       | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 29    |
| 349014       | 429913       | MGMC_GCC_OAR_UT_1642       | Cable            |               | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 29    |
| 349027       | 429338       | MGMC_GCC_EN_1643           | Hedgerow         |               | Hedgerow                   | Local Authority/Private                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 29    |
| 349029       | 429430       | MGMC_GCC_TAT_UT_1644       | Pipeline         |               | Gas                        | National Grid Gas Transmission           |                         |                               |                              | N/A  | 29    |
| 349031       | 429399       | MGMC_GCC_TAT_EN_1645       | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track                 | 29    |
| 349033       | 429476       | MGMC_GCC_TAT_EN_1646       | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track                 | 29    |
| 349033       | 429428       | MGMC_GCC_EN_1647           | Hedgerow         |               | Hedgerow                   | Local Authority/Private                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 29    |
| 349035       | 429446       | MGMC_GCC_TAT_EN_1648       | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track                 | 29    |
| 349036       | 429473       | MGMC_GCC_TAT_UT_1649       | Pipeline         |               | Gas                        | Cadent Gas                               |                         |                               |                              | N/A  | 29    |
| 349041       | 429484       | MGMC_GCC_EN_1650           | Hedgerow         |               | Hedgerow                   | Private                                  | 40                      | Minor                         | 106                          | Trenchless Techniques Only with Haul Road          | 29    |
| 349042       | 429489       | MGMC_GCC_TAT_EN_1651       | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track                 | 29    |
| 349043       | 429493       | MGMC_GCC_EN_1652           | Hedgerow         |               | Hedgerow                   | Private                                  | 40                      | Minor                         | 106                          | Trenchless Techniques Only with Haul Road          | 29    |
| 349044       | 429521       | MGMC_GCC_TAT_UT_1653       | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 29    |
| 349045       | 429525       | MGMC_GCC_TAT_UT_1654       | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 29    |
| 349046       | 429507       | MGMC_GCC_TAT_EN_1655       | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track                 | 29    |
| 349046       | 429530       | MGMC_GCC_TAT_UT_1656       | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 29    |
| 349049       | 429528       | MGMC_GCC_EN_1657           | Hedgerow         |               | Hedgerow                   | Private                                  | 40                      | Minor                         | 106                          | Trenchless Techniques Only with Haul Road          | 29    |
| 349052       | 429591       | MGMC_GCC_EN_1658           | Hedgerow         |               | Hedgerow                   | Private                                  | 39                      | Major                         | 465                          | Trenchless Techniques Only                         | 29    |
| 349053       | 429546       | MGMC_GCC_TAT_EN_1659       | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track                 | 29    |
| 349057       | 429626       | MGMC_GCC_WA_1660           | Drain            |               | Drain                      | Private                                  | 39                      | Major                         | 465                          | Trenchless Techniques Only                         | 29    |
| 349058       | 429603       | MGMC_GCC_PW_1661           | Footpath         |               | Private Access Track       |  | 39                      | Major                         | 465                          | Trenchless Techniques Only                         | 29    |
| 349062       | 429598       | MGMC_GCC_EN_1662           | Hedgerow         |               | Hedgerow                   | Private                                  | 39                      | Major                         | 465                          | Trenchless Techniques Only                         | 29    |
| 349093       | 429683       | MGMC_GCC_OAR_UT_1663       | Cable            |               | Overhead Line              | National Grid Electricity Transmission   |                         |                               |                              | N/A  | 29    |
| 349106       | 429266       | MGMC_GCC_PW_1664           | Footpath         |               | Private Access Track       |  | 41                      | Major                         | 509                          | Trenchless Techniques Only                         | 31    |
| 349114       | 429435       | MGMC_GCC_UT_1665           | Pipeline         |               | Gas                        | National Grid Gas Transmission           | 40                      | Minor                         | 106                          | Trenchless Techniques Only with Haul Road          | 29    |
| 349119       | 429477       | MGMC_GCC_UT_1666           | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion | 29    |
| 349120       | 429481       | MGMC_GCC_UT_1667           | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion | 29    |
| 349121       | 429815       | MGMC_GCC_OAR_UT_1668       | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 29    |
| 349122       | 429485       | MGMC_GCC_UT_1669           | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion | 29    |
| 349126       | 429806       | MGMC_GCC_OAR_UT_1670       | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 29    |
| 349128       | 429478       | MGMC_GCC_UT_1671           | Pipeline         |               | Gas                        | Cadent Gas                               | 40                      | Minor                         | 106                          | Trenchless Techniques Only with Haul Road          | 29    |

| X Coordinate | Y Coordinate | Crossing Identification No | Type of Obstacle | Obstacle Name | Obstacle Description       | Asset Owner                              | Trenchless Technique ID | Trenchless Technique Category | Trenchless Techniques Length | Proposed Crossing Method   | Sheet |
|--------------|--------------|----------------------------|------------------|---------------|----------------------------|--|-------------------------|-------------------------------|------------------------------|--|-------|
| 349144       | 429777       | MGMC_GCC_OAR_UT_1672       | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 29    |
| 349149       | 429636       | MGMC_GCC_EN_1673           | Hedgerow         |               | Hedgerow                   | Local Authority/Private                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 29    |
| 349150       | 429768       | MGMC_GCC_OAR_UT_1674       | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 29    |
| 349170       | 429075       | MGMC_GCC_UT_1675           | Pipeline         |               | Sewerage                   | United Utilities                         | 41                      | Major                         | 509                          | Trenchless Techniques Only   | 31    |
| 349170       | 429072       | MGMC_GCC_UT_1676           | Pipeline         |               | Sewerage                   | United Utilities                         | 41                      | Major                         | 509                          | Trenchless Techniques Only   | 31    |
| 349171       | 429070       | MGMC_GCC_UT_1677           | Pipeline         |               | Sewerage                   | United Utilities                         | 41                      | Major                         | 509                          | Trenchless Techniques Only   | 31    |
| 349203       | 428977       | MGMC_GCC_WA_1678           | Watercourse      |               | Main River (EA)            | Environment Agency                       | 41                      | Major                         | 509                          | Trenchless Techniques Only   | 31    |
| 349213       | 429071       | MGMC_GCC_PW_1679           | Footpath         |               | Private Access Track       |  | 41                      | Major                         | 509                          | Trenchless Techniques Only   | 31    |
| 349221       | 429104       | MGMC_GCC_PW_1680           | Footpath         |               | Private Access Track       |  | 41                      | Major                         | 509                          | Trenchless Techniques Only   | 31    |
| 349222       | 429626       | MGMC_GCC_UT_1681           | Cable            |               | Overhead Line              | National Grid Electricity Transmission   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion   | 29    |
| 349241       | 428867       | MGMC_GCC_PW_1682           | Footpath         | 7-9-FP 4      | Public Right of Way        | South Ribble Council                     | 41                      | Major                         | 509                          | Trenchless Techniques Only   | 31    |
| 349257       | 428818       | MGMC_GCC_UT_1683           | Pipeline         |               | Sewerage                   | United Utilities                         | 41                      | Major                         | 509                          | Trenchless Techniques Only   | 31    |
| 349258       | 428816       | MGMC_GCC_UT_1684           | Pipeline         |               | Sewerage                   | United Utilities                         | 41                      | Major                         | 509                          | Trenchless Techniques Only   | 31    |
| 349337       | 428354       | MGMC_GCC_TAT_UT_1685       | Cable            |               | Overhead Line              | SP Energy Networks - (Scotland)          |                         |                               |                              | N/A  | 32    |
| 349348       | 429260       | MGMC_GCC_TAT_UT_1686       | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 31    |
| 349348       | 429260       | MGMC_GCC_TAT_UT_1687       | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 31    |
| 349355       | 429258       | MGMC_GCC_TAT_UT_1688       | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 31    |
| 349361       | 429257       | MGMC_GCC_TAT_UT_1689       | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 31    |
| 349387       | 428350       | MGMC_GCC_UT_1690           | Cable            |               | Overhead Line              | SP Energy Networks - (Scotland)          |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion   | 32    |
| 349421       | 428246       | MGMC_GCC_TAT_EN_1691       | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track   | 32    |
| 349423       | 428239       | MGMC_GCC_TAT_WA_1692       | Drain            |               | Drain                      | Private                                  |                         |                               |                              | Bridge/Culvert   | 32    |
| 349424       | 428240       | MGMC_GCC_TAT_EN_1693       | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track   | 32    |
| 349440       | 428246       | MGMC_GCC_PW_1694           | Footpath         |               | Private Access Track       |  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 32    |
| 349451       | 428249       | MGMC_GCC_EN_1695           | Hedgerow         |               | Hedgerow                   | Local Authority/Private                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 32    |
| 349454       | 428242       | MGMC_GCC_EN_1696           | Hedgerow         |               | Hedgerow                   | Local Authority/Private                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 32    |
| 349455       | 428242       | MGMC_GCC_WA_1697           | Drain            |               | Drain                      | Private                                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road/ Bridge (Bailey Bridge/ Clear Span)/culvert | 32    |
| 349466       | 429242       | MGMC_GCC_TAT_UT_1698       | Cable            |               | Overhead Line              | National Grid Electricity Transmission   |                         |                               |                              | N/A  | 31    |
| 349466       | 429239       | MGMC_GCC_TAT_UT_1699       | Pipeline         |               | Gas                        | National Gas Transmission                |                         |                               |                              | N/A  | 31    |
| 349467       | 429239       | MGMC_GCC_TAT_UT_1700       | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 31    |
| 349469       | 428105       | MGMC_GCC_TAT_EN_1701       | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track   | 32    |
| 349474       | 428448       | MGMC_GCC_EN_1702           | Hedgerow         |               | Hedgerow                   | Local Authority/Private                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 32    |
| 349477       | 428002       | MGMC_GCC_TAT_EN_1703       | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track   | 32    |
| 349483       | 428016       | MGMC_GCC_TAT_EN_1704       | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track   | 32    |
| 349483       | 428008       | MGMC_GCC_TAT_UT_1705       | Cable            |               | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 32    |
| 349512       | 428918       | MGMC_GCC_OAR_UT_1706       | Pipeline         |               | Gas                        | National Grid Gas Transmission           |                         |                               |                              | N/A  | 31    |
| 349512       | 428013       | MGMC_GCC_EN_1707           | Hedgerow         |               | Hedgerow                   | Local Authority/Private                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 32    |
| 349512       | 428005       | MGMC_GCC_UT_1708           | Cable            |               | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 32    |
| 349535       | 427925       | MGMC_GCC_UT_1709           | Pipeline         |               | Water                      | United Utilities                         | 42                      | Minor                         | 106                          | Trenchless Techniques Only with Haul Road  | 32    |
| 349544       | 428926       | MGMC_GCC_OAR_UT_1710       | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 31    |
| 349549       | 428927       | MGMC_GCC_OAR_UT_1711       | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 31    |
| 349551       | 427885       | MGMC_GCC_EN_1712           | Hedgerow         |               | Hedgerow                   | Local Authority/Private                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 32    |
| 349553       | 428929       | MGMC_GCC_OAR_UT_1713       | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 31    |
| 349575       | 427884       | MGMC_GCC_EN_1714           | Hedgerow         |               | Hedgerow                   | Local Authority/Private                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 32    |
| 349575       | 428521       | MGMC_GCC_OAR_UT_1715       | Pipeline         |               | Gas                        | National Grid Gas Transmission           |                         |                               |                              | N/A  | 32    |
| 349575       | 427883       | MGMC_GCC_RO_1716           | Road             | Townley Lane  | Minor Road                 | Local Highway Authority                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 32    |
| 349577       | 427884       | MGMC_GCC_PW_1717           | Footpath         |               | Private Access Track       |  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 32    |
| 349582       | 427900       | MGMC_GCC_EN_1718           | Hedgerow         |               | Hedgerow                   | Private                                  | 42                      | Minor                         | 106                          | Trenchless Techniques Only with Haul Road  | 32    |
| 349585       | 427748       | MGMC_GCC_EN_1719           | Hedgerow         |               | Hedgerow                   | Local Authority/Private                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 34    |
| 349586       | 427966       | MGMC_GCC_OAR_EN_1720       | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 32    |
| 349588       | 427937       | MGMC_GCC_OAR_EN_1721       | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 32    |
| 349589       | 428443       | MGMC_GCC_UT_1722           | Pipeline         |               | Gas                        | National Grid Gas Transmission           | 43                      | Minor                         | 100                          | Trenchless Techniques Only with Haul Road  | 32    |
| 349591       | 427983       | MGMC_GCC_OAR_UT_1723       | Pipeline         |               | Water                      | United Utilities                         |                         |                               |                              | N/A  | 32    |
| 349594       | 427996       | MGMC_GCC_OAR_UT_1724       | Cable            |               | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 32    |
| 349602       | 427683       | MGMC_GCC_EN_1725           | Hedgerow         |               | Hedgerow                   | Local Authority/Private                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 34    |
| 349603       | 428263       | MGMC_GCC_OAR_EN_1726       | Hedgerow         |               | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 32    |
| 349608       | 428261       | MGMC_GCC_OAR_UT_1727       | Pipeline         |               | Gas                        | National Grid Gas Transmission           |                         |                               |                              | N/A  | 32    |
| 349609       | 427831       | MGMC_GCC_UT_1728           | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion   | 34    |
| 349610       | 428000       | MGMC_GCC_OAR_UT_1729       | Pipeline         |               | Water                      | United Utilities                         |                         |                               |                              | N/A  | 32    |
| 349611       | 427854       | MGMC_GCC_EN_1730           | Hedgerow         |               | Hedgerow                   | Local Authority/Private                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 32    |
| 349625       | 428953       | MGMC_GCC_OAR_UT_1731       | Cable            |               | Overhead Line              | National Grid Electricity Transmission   |                         |                               |                              | N/A  | 31    |
| 349636       | 429240       | MGMC_GCC_TAT_PW_1732       | Footpath         |               | Private Access Track       |  |                         |                               |                              | N/A  | 31    |
| 349643       | 427625       | MGMC_GCC_EN_1733           | Hedgerow         |               | Hedgerow                   | Local Authority/Private                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road   | 34    |
| 349647       | 428958       | MGMC_GCC_OAR_PW_1734       | Footpath         | 7-9-FP 3      | Public Right of Way        | South Ribble Council                     |                         |                               |                              | N/A  | 31    |
| 349656       | 428895       | MGMC_GCC_OAR_UT_1735       | Pipeline         |               | Sewerage                   | United Utilities                         |                         |                               |                              | N/A  | 31    |
| 349656       | 428897       | MGMC_GCC_OAR_UT_1736       | Pipeline         |               | Sewerage                   | United Utilities                         |                         |                               |                              | N/A  | 31    |
| 349657       | 428896       | MGMC_GCC_OAR_UT_1737       | Cable            |               | Overhead Line              | National Grid Electricity Transmission   |                         |                               |                              | N/A  | 31    |
| 349657       | 429247       | MGMC_GCC_TAT_UT_1738       | Cable            |               | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 31    |
| 349657       | 427629       | MGMC_GCC_UT_1739           | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion   | 34    |
| 349669       | 428730       | MGMC_GCC_OAR_UT_1740       | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 31    |
| 349670       | 428719       | MGMC_GCC_OAR_UT_1741       | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 31    |
| 349670       | 428708       | MGMC_GCC_OAR_UT_1742       | Cable            |               | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 31    |
| 349678       | 429253       | MGMC_GCC_TAT_UT_1743       | Cable            |               | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 31    |
| 349679       | 428610       | MGMC_GCC_OAR_UT_1744       | Cable            |               | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 31    |

| X Coordinate | Y Coordinate | Crossing Identification No | Type of Obstacle | Obstacle Name     | Obstacle Description       | Asset Owner                              | Trenchless Technique ID | Trenchless Technique Category | Trenchless Techniques Length | Proposed Crossing Method                           | Sheet |
|--------------|--------------|----------------------------|------------------|-------------------|----------------------------|--|-------------------------|-------------------------------|------------------------------|--|-------|
| 349679       | 428615       | MGMC_GCC_OAR_UT_1745       | Cable            |                   | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 31    |
| 349684       | 427679       | MGMC_GCC_EN_1746           | Hedgerow         |                   | Hedgerow                   | Local Authority/Private                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 349689       | 428438       | MGMC_GCC_PW_1747           | Footpath         | 7-9-FP 5          | Public Right of Way        | South Ribble Council                     | 45                      | Minor                         | 91                           | Trenchless Techniques Only with Haul Road          | 32    |
| 349689       | 427848       | MGMC_GCC_UT_1748           | Cable            |                   | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion | 32    |
| 349692       | 428438       | MGMC_GCC_UT_1749           | Cable            |                   | Telecom                    | Openreach - [British Telecommunications] | 45                      | Minor                         | 91                           | Trenchless Techniques Only with Haul Road          | 32    |
| 349693       | 428386       | MGMC_GCC_TCC_PW_1750       | Footpath         | 7-9-FP 5          | Public Right of Way        | South Ribble Council                     |                         |                               |                              | Trenchless Techniques/ Open Cut                    | 32    |
| 349693       | 428438       | MGMC_GCC_UT_1751           | Cable            |                   | Telecom                    | Openreach - [British Telecommunications] | 45                      | Minor                         | 91                           | Trenchless Techniques Only with Haul Road          | 32    |
| 349697       | 428386       | MGMC_GCC_TCC_UT_1752       | Cable            |                   | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 32    |
| 349697       | 428386       | MGMC_GCC_TCC_UT_1753       | Cable            |                   | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 32    |
| 349697       | 428324       | MGMC_GCC_OAR_UT_1754       | Cable            |                   | Overhead Line              | SP Energy Networks - (Scotland)          |                         |                               |                              | N/A  | 32    |
| 349702       | 428278       | MGMC_GCC_OAR_RO_1755       | Road             | Howick Cross Lane | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A  | 32    |
| 349702       | 428316       | MGMC_GCC_OAR_UT_1756       | Cable            |                   | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 32    |
| 349703       | 428323       | MGMC_GCC_OAR_UT_1757       | Cable            |                   | Overhead Line              | SP Energy Networks - (Scotland)          |                         |                               |                              | N/A  | 32    |
| 349703       | 428316       | MGMC_GCC_OAR_UT_1758       | Cable            |                   | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 32    |
| 349713       | 427964       | MGMC_GCC_OAR_UT_1759       | Pipeline         |                   | Gas                        | National Grid Gas Transmission           |                         |                               |                              | N/A  | 32    |
| 349727       | 427652       | MGMC_GCC_UT_1760           | Cable            |                   | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion | 34    |
| 349730       | 429276       | MGMC_GCC_TAT_UT_1761       | Cable            |                   | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 31    |
| 349733       | 427858       | MGMC_GCC_OAR_UT_1762       | Cable            |                   | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 32    |
| 349739       | 429279       | MGMC_GCC_TAT_UT_1763       | Cable            |                   | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 31    |
| 349744       | 429286       | MGMC_GCC_TAT_UT_1764       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 31    |
| 349750       | 429280       | MGMC_GCC_TAT_UT_1765       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 31    |
| 349751       | 429288       | MGMC_GCC_TAT_UT_1766       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 31    |
| 349754       | 429286       | MGMC_GCC_TAT_UT_1767       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 31    |
| 349757       | 429286       | MGMC_GCC_TAT_UT_1768       | Cable            |                   | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 31    |
| 349757       | 429286       | MGMC_GCC_TAT_UT_1769       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 31    |
| 349761       | 427937       | MGMC_GCC_OAR_UT_1770       | Cable            |                   | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 32    |
| 349762       | 427940       | MGMC_GCC_OAR_EN_1771       | Hedgerow         |                   | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 32    |
| 349763       | 429286       | MGMC_GCC_TAT_UT_1772       | Cable            |                   | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 31    |
| 349765       | 427714       | MGMC_GCC_UT_1773           | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 349769       | 427657       | MGMC_GCC_EN_1774           | Hedgerow         |                   | Hedgerow                   | Local Authority/Private                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 349776       | 427729       | MGMC_GCC_UT_1775           | Cable            |                   | Overhead Line              | National Grid Electricity Transmission   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion | 34    |
| 349777       | 429284       | MGMC_GCC_TAT_RO_1776       | Road             | Wallend Road      | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A  | 31    |
| 349777       | 427616       | MGMC_GCC_EN_1777           | Hedgerow         |                   | Hedgerow                   | Local Authority/Private                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 349785       | 427735       | MGMC_GCC_PW_1778           | Footpath         |                   | Private Access Track       |  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 349785       | 429291       | MGMC_GCC_TAT_UT_1779       | Pipeline         |                   | Water                      | United Utilities                         |                         |                               |                              | N/A  | 31    |
| 349785       | 429291       | MGMC_GCC_TAT_UT_1780       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 31    |
| 349790       | 428316       | MGMC_GCC_OAR_UT_1781       | Cable            |                   | Overhead Line              | SP Energy Networks - (Scotland)          |                         |                               |                              | N/A  | 32    |
| 349790       | 428316       | MGMC_GCC_OAR_UT_1782       | Cable            |                   | Overhead Line              | SP Energy Networks - (Scotland)          |                         |                               |                              | N/A  | 32    |
| 349793       | 428456       | MGMC_GCC_UT_1783           | Cable            |                   | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion | 32    |
| 349798       | 428457       | MGMC_GCC_UT_1784           | Cable            |                   | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion | 32    |
| 349802       | 427797       | MGMC_GCC_UT_1785           | Cable            |                   | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion | 34    |
| 349802       | 428459       | MGMC_GCC_UT_1786           | Cable            |                   | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion | 32    |
| 349824       | 428336       | MGMC_GCC_OAR_EN_1787       | Hedgerow         |                   | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 32    |
| 349826       | 427663       | MGMC_GCC_EN_1788           | Hedgerow         |                   | Hedgerow                   | Local Authority/Private                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 349832       | 428374       | MGMC_GCC_TAT_UT_1789       | Cable            |                   | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 32    |
| 349839       | 428371       | MGMC_GCC_TAT_UT_1790       | Cable            |                   | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 32    |
| 349841       | 428355       | MGMC_GCC_OAR_UT_1791       | Cable            |                   | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 32    |
| 349845       | 428359       | MGMC_GCC_OAR_UT_1792       | Cable            |                   | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 32    |
| 349845       | 428477       | MGMC_GCC_UT_1793           | Cable            |                   | Overhead Line              | National Grid Electricity Transmission   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion | 32    |
| 349845       | 428369       | MGMC_GCC_TAT_UT_1794       | Cable            |                   | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 32    |
| 349845       | 428369       | MGMC_GCC_TAT_UT_1795       | Cable            |                   | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 32    |
| 349848       | 427915       | MGMC_GCC_OAR_RO_1796       | Road             | Townley Lane      | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A  | 33    |
| 349848       | 428362       | MGMC_GCC_OAR_UT_1797       | Cable            |                   | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 349848       | 428362       | MGMC_GCC_OAR_UT_1798       | Cable            |                   | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 349849       | 427913       | MGMC_GCC_OAR_UT_1799       | Cable            |                   | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 33    |
| 349849       | 427836       | MGMC_GCC_OAR_UT_1800       | Cable            |                   | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 34    |
| 349851       | 428366       | MGMC_GCC_TAT_PW_1801       | Footpath         | 7-9-FP 7          | Public Right of Way        | South Ribble Council                     |                         |                               |                              | N/A  | 33    |
| 349856       | 428364       | MGMC_GCC_TAT_WA_1802       | Drain            |                   | Drain                      | Private                                  |                         |                               |                              | Bridge/Culvert                                     | 33    |
| 349856       | 428364       | MGMC_GCC_TAT_EN_1803       | Hedgerow         |                   | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track                 | 33    |
| 349857       | 427843       | MGMC_GCC_OAR_UT_1804       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 349861       | 427641       | MGMC_GCC_UT_1805           | Pipeline         |                   | Gas                        | National Grid Gas Transmission           |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 349863       | 427691       | MGMC_GCC_PW_1806           | Footpath         | 7-9-FP 10         | Public Right of Way        | South Ribble Council                     |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 349864       | 427758       | MGMC_GCC_EN_1807           | Hedgerow         |                   | Hedgerow                   | Local Authority/Private                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 349865       | 427884       | MGMC_GCC_OAR_UT_1808       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 349865       | 427884       | MGMC_GCC_OAR_UT_1809       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 349865       | 427848       | MGMC_GCC_OAR_UT_1810       | Cable            |                   | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 349866       | 427892       | MGMC_GCC_OAR_UT_1811       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 349866       | 427892       | MGMC_GCC_OAR_UT_1812       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 349866       | 427915       | MGMC_GCC_OAR_UT_1813       | Cable            |                   | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 349868       | 427924       | MGMC_GCC_OAR_UT_1814       | Cable            |                   | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 33    |
| 349870       | 427877       | MGMC_GCC_OAR_EN_1815       | Hedgerow         |                   | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 33    |
| 349870       | 427939       | MGMC_GCC_OAR_PW_1816       | Footpath         | 7-9-FP 10         | Public Right of Way        | South Ribble Council                     |                         |                               |                              | N/A  | 33    |
| 349872       | 427947       | MGMC_GCC_OAR_UT_1817       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 349872       | 427854       | MGMC_GCC_OAR_UT_1818       | Cable            |                   | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 33    |

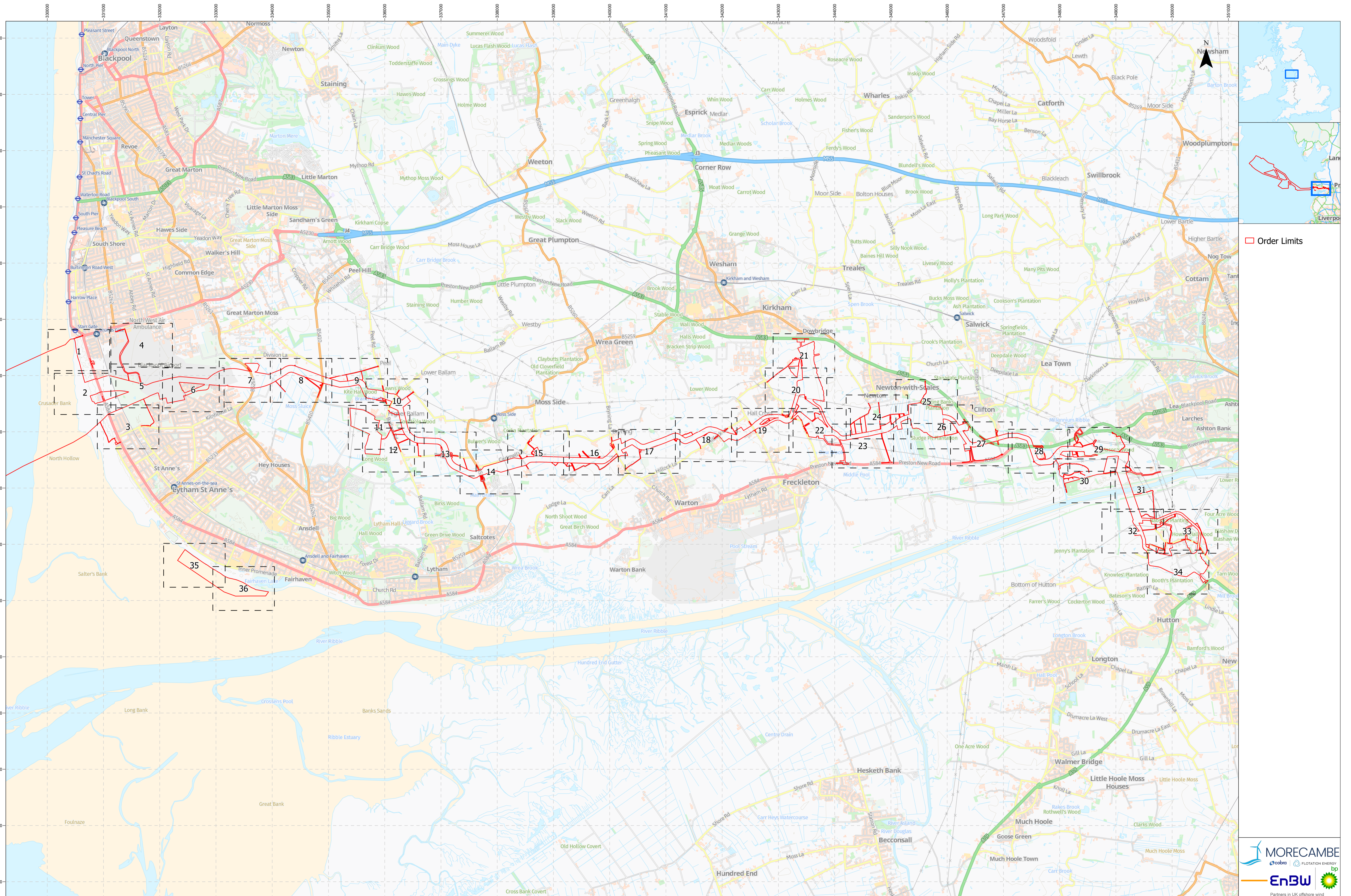
| X Coordinate | Y Coordinate | Crossing Identification No | Type of Obstacle | Obstacle Name     | Obstacle Description       | Asset Owner                              | Trenchless Technique ID | Trenchless Technique Category | Trenchless Techniques Length | Proposed Crossing Method                           | Sheet |
|--------------|--------------|----------------------------|------------------|-------------------|----------------------------|--|-------------------------|-------------------------------|------------------------------|--|-------|
| 349872       | 427920       | MGMC_GCC_OAR_UT_1819       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 349873       | 427939       | MGMC_GCC_OAR_EN_1820       | Hedgerow         |                   | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 33    |
| 349875       | 428392       | MGMC_GCC_OAR_PW_1821       | Footpath         | 7-9-FP 7          | Public Right of Way        | South Ribblesdale Council                |                         |                               |                              | N/A  | 33    |
| 349877       | 428393       | MGMC_GCC_OAR_UT_1822       | Cable            |                   | Overhead Line              | National Grid Electricity Transmission   |                         |                               |                              | N/A  | 33    |
| 349878       | 428005       | MGMC_GCC_OAR_EN_1823       | Hedgerow         |                   | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 33    |
| 349879       | 427997       | MGMC_GCC_OAR_UT_1824       | Cable            |                   | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 349880       | 427974       | MGMC_GCC_OAR_UT_1825       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 349880       | 427971       | MGMC_GCC_OAR_UT_1826       | Cable            |                   | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 33    |
| 349881       | 428008       | MGMC_GCC_OAR_UT_1827       | Cable            |                   | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 33    |
| 349882       | 428017       | MGMC_GCC_OAR_UT_1828       | Cable            |                   | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 349884       | 428029       | MGMC_GCC_OAR_UT_1829       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 349885       | 428020       | MGMC_GCC_OAR_UT_1830       | Pipeline         |                   | Water                      | United Utilities                         |                         |                               |                              | N/A  | 33    |
| 349888       | 428028       | MGMC_GCC_OAR_UT_1831       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 349891       | 428354       | MGMC_GCC_TAT_UT_1832       | Cable            |                   | Overhead Line              | National Grid Electricity Transmission   |                         |                               |                              | N/A  | 33    |
| 349896       | 427767       | MGMC_GCC_UT_1833           | Cable            |                   | Telecom                    | National Grid Electricity Transmission   | 46                      | Minor                         | 99                           | Trenchless Techniques Only with Haul Road          | 34    |
| 349896       | 427769       | MGMC_GCC_UT_1834           | Cable            |                   | Telecom                    | Vodafone                                 | 46                      | Minor                         | 99                           | Trenchless Techniques Only with Haul Road          | 34    |
| 349898       | 427547       | MGMC_GCC_EN_1835           | Hedgerow         |                   | Hedgerow                   | Local Authority/Private                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 349898       | 427768       | MGMC_GCC_UT_1836           | Cable            |                   | Overhead Line              | National Grid Electricity Transmission   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion | 34    |
| 349917       | 428020       | MGMC_GCC_TAT_EN_1837       | Hedgerow         |                   | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track                 | 33c   |
| 349919       | 428024       | MGMC_GCC_TAT_RO_1838       | Road             | Howick Cross Lane | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A  | 33c   |
| 349933       | 428015       | MGMC_GCC_TAT_UT_1839       | Cable            |                   | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 33c   |
| 349942       | 427721       | MGMC_GCC_UT_1840           | Cable            |                   | Telecom                    | National Grid Electricity Transmission   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 349949       | 428015       | MGMC_GCC_TAT_UT_1841       | Pipeline         |                   | Water                      | United Utilities                         |                         |                               |                              | N/A  | 33c   |
| 349949       | 428015       | MGMC_GCC_TAT_UT_1842       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33c   |
| 349949       | 428015       | MGMC_GCC_TAT_UT_1843       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33c   |
| 349954       | 428063       | MGMC_GCC_TAT_UT_1844       | Pipeline         |                   | Water                      | United Utilities                         |                         |                               |                              | N/A  | 33c   |
| 349956       | 428035       | MGMC_GCC_TAT_UT_1845       | Cable            |                   | Overhead Line              | National Grid Electricity Transmission   |                         |                               |                              | N/A  | 33c   |
| 349957       | 428013       | MGMC_GCC_TAT_UT_1846       | Pipeline         |                   | Water                      | United Utilities                         |                         |                               |                              | N/A  | 33c   |
| 349959       | 428014       | MGMC_GCC_TAT_UT_1847       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33c   |
| 349959       | 428014       | MGMC_GCC_TAT_UT_1848       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33c   |
| 349960       | 428060       | MGMC_GCC_TAT_UT_1849       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33c   |
| 349960       | 428018       | MGMC_GCC_TAT_UT_1850       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33c   |
| 349960       | 428018       | MGMC_GCC_TAT_UT_1851       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33c   |
| 349964       | 428008       | MGMC_GCC_TAT_EN_1852       | Hedgerow         |                   | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track                 | 33c   |
| 349965       | 428117       | MGMC_GCC_TAT_UT_1853       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 349966       | 428099       | MGMC_GCC_TAT_UT_1854       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 349967       | 427883       | MGMC_GCC_EN_1855           | Hedgerow         |                   | Hedgerow                   | Local Authority/Private                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 33    |
| 349969       | 428116       | MGMC_GCC_TAT_UT_1856       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 349970       | 428261       | MGMC_GCC_TAT_EN_1857       | Hedgerow         |                   | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track                 | 33    |
| 349970       | 428263       | MGMC_GCC_TAT_UT_1858       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 349976       | 428160       | MGMC_GCC_TAT_UT_1859       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 349977       | 428247       | MGMC_GCC_TAT_EN_1860       | Hedgerow         |                   | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track                 | 33    |
| 349977       | 428167       | MGMC_GCC_TAT_UT_1861       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 349978       | 428330       | MGMC_GCC_TAT_EN_1862       | Hedgerow         |                   | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track                 | 33    |
| 349978       | 428245       | MGMC_GCC_TAT_UT_1863       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 349979       | 428175       | MGMC_GCC_TAT_UT_1864       | Cable            |                   | Overhead Line              | SP Energy Networks - (Scotland)          |                         |                               |                              | N/A  | 33    |
| 349980       | 428328       | MGMC_GCC_TAT_EN_1865       | Hedgerow         |                   | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track                 | 33    |
| 349981       | 428534       | MGMC_GCC_UT_1866           | Cable            |                   | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion | 33    |
| 349985       | 428015       | MGMC_GCC_TAT_UT_1867       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33c   |
| 349985       | 428015       | MGMC_GCC_TAT_UT_1868       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33c   |
| 349985       | 428536       | MGMC_GCC_UT_1869           | Cable            |                   | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion | 33    |
| 349985       | 428015       | MGMC_GCC_TAT_UT_1870       | Cable            |                   | Underground Electric Cable | SP Energy Networks - (Scotland)          |                         |                               |                              | N/A  | 33c   |
| 349985       | 428015       | MGMC_GCC_TAT_UT_1871       | Cable            |                   | Underground Electric Cable | SP Energy Networks - (Scotland)          |                         |                               |                              | N/A  | 33c   |
| 349986       | 428015       | MGMC_GCC_TAT_UT_1872       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33c   |
| 349986       | 428015       | MGMC_GCC_TAT_UT_1873       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33c   |
| 349986       | 428015       | MGMC_GCC_TAT_UT_1874       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33c   |
| 349986       | 428015       | MGMC_GCC_TAT_UT_1875       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33c   |
| 349986       | 428015       | MGMC_GCC_TAT_UT_1876       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33c   |
| 349986       | 428015       | MGMC_GCC_TAT_UT_1877       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33c   |
| 349986       | 428015       | MGMC_GCC_TAT_UT_1878       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33c   |
| 349986       | 428015       | MGMC_GCC_TAT_UT_1879       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33c   |
| 349986       | 428015       | MGMC_GCC_TAT_UT_1880       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33c   |
| 349986       | 428015       | MGMC_GCC_TAT_UT_1881       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33c   |
| 349986       | 428015       | MGMC_GCC_TAT_UT_1882       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33c   |
| 349987       | 428015       | MGMC_GCC_TAT_UT_1883       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33c   |
| 349987       | 428015       | MGMC_GCC_TAT_UT_1884       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33c   |
| 349987       | 428015       | MGMC_GCC_TAT_UT_1885       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33c   |
| 349987       | 428015       | MGMC_GCC_TAT_UT_1886       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33c   |
| 349987       | 428015       | MGMC_GCC_TAT_UT_1887       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33c   |
| 349989       | 428016       | MGMC_GCC_TAT_UT_1888       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33c   |
| 349989       | 428016       | MGMC_GCC_TAT_UT_1889       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33c   |
| 349989       | 428537       | MGMC_GCC_UT_1890           | Cable            |                   | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion | 33    |
| 349994       | 428017       | MGMC_GCC_TAT_UT_1891       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33c   |
| 349994       | 428017       | MGMC_GCC_TAT_UT_1892       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33c   |

| X Coordinate | Y Coordinate | Crossing Identification No | Type of Obstacle | Obstacle Name     | Obstacle Description       | Asset Owner                              | Trenchless Technique ID | Trenchless Technique Category | Trenchless Techniques Length | Proposed Crossing Method                           | Sheet |
|--------------|--------------|----------------------------|------------------|-------------------|----------------------------|--|-------------------------|-------------------------------|------------------------------|--|-------|
| 349999       | 428476       | MGMC_GCC_OAR_UT_1893       | Cable            |                   | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 349999       | 428020       | MGMC_GCC_TAT_UT_1894       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33c   |
| 349999       | 428020       | MGMC_GCC_TAT_UT_1895       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33c   |
| 350000       | 428021       | MGMC_GCC_TAT_UT_1896       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33c   |
| 350000       | 428021       | MGMC_GCC_TAT_UT_1897       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33c   |
| 350001       | 428016       | MGMC_GCC_TAT_UT_1898       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33c   |
| 350001       | 428021       | MGMC_GCC_TAT_UT_1899       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33c   |
| 350004       | 428478       | MGMC_GCC_OAR_UT_1900       | Cable            |                   | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350008       | 428479       | MGMC_GCC_OAR_UT_1901       | Cable            |                   | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350044       | 428557       | MGMC_GCC_UT_1902           | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 33    |
| 350047       | 428558       | MGMC_GCC_EN_1903           | Hedgerow         |                   | Hedgerow                   | Local Authority/Private                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 33    |
| 350049       | 428491       | MGMC_GCC_OAR_UT_1904       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350053       | 428494       | MGMC_GCC_OAR_EN_1905       | Hedgerow         |                   | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 33    |
| 350065       | 427639       | MGMC_GCC_UT_1906           | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 350066       | 427638       | MGMC_GCC_UT_1907           | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 350066       | 427638       | MGMC_GCC_UT_1908           | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 350066       | 427639       | MGMC_GCC_UT_1909           | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 350066       | 427639       | MGMC_GCC_UT_1910           | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 350066       | 427639       | MGMC_GCC_UT_1911           | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 350072       | 428561       | MGMC_GCC_UT_1912           | Cable            |                   | Overhead Line              | National Grid Electricity Transmission   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion | 33    |
| 350191       | 427483       | MGMC_GCC_EN_1913           | Hedgerow         |                   | Hedgerow                   | Local Authority/Private                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 350191       | 428085       | MGMC_GCC_TAT_UT_1914       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33b   |
| 350191       | 428085       | MGMC_GCC_TAT_UT_1915       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33b   |
| 350196       | 428088       | MGMC_GCC_TAT_UT_1916       | Pipeline         |                   | Water                      | United Utilities                         |                         |                               |                              | N/A  | 33b   |
| 350197       | 428084       | MGMC_GCC_TAT_EN_1917       | Hedgerow         |                   | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track                 | 33b   |
| 350198       | 427543       | MGMC_GCC_UT_1918           | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 350219       | 428091       | MGMC_GCC_TAT_UT_1919       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33b   |
| 350219       | 428091       | MGMC_GCC_TAT_UT_1920       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33b   |
| 350220       | 428091       | MGMC_GCC_TAT_UT_1921       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33b   |
| 350221       | 428091       | MGMC_GCC_TAT_UT_1922       | Cable            |                   | Telecom                    | Vodafone                                 |                         |                               |                              | N/A  | 33b   |
| 350238       | 428128       | MGMC_GCC_TAT_UT_1923       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33b   |
| 350238       | 428089       | MGMC_GCC_TAT_UT_1924       | Cable            |                   | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 33b   |
| 350238       | 428095       | MGMC_GCC_TAT_UT_1925       | Pipeline         |                   | Water                      | United Utilities                         |                         |                               |                              | N/A  | 33b   |
| 350239       | 427511       | MGMC_GCC_TCC_UT_1926       | Pipeline         |                   | Gas                        | National Grid Gas Transmission           |                         |                               |                              | N/A  | 34    |
| 350240       | 428229       | MGMC_GCC_TAT_UT_1927       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350240       | 428228       | MGMC_GCC_TAT_UT_1928       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350240       | 428228       | MGMC_GCC_TAT_UT_1929       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350243       | 428092       | MGMC_GCC_TAT_RO_1930       | Road             | Howick Cross Lane | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A  | 33b   |
| 350243       | 428107       | MGMC_GCC_TAT_PW_1931       | Footpath         |                   | Private Access Track       |  |                         |                               |                              | N/A  | 33b   |
| 350244       | 428112       | MGMC_GCC_TAT_UT_1932       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33b   |
| 350244       | 428132       | MGMC_GCC_TAT_UT_1933       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33b   |
| 350244       | 428132       | MGMC_GCC_TAT_UT_1934       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33b   |
| 350244       | 428106       | MGMC_GCC_TAT_UT_1935       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33b   |
| 350246       | 428250       | MGMC_GCC_TAT_UT_1936       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350246       | 428250       | MGMC_GCC_TAT_UT_1937       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350246       | 428237       | MGMC_GCC_TAT_UT_1938       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350246       | 428237       | MGMC_GCC_TAT_UT_1939       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350246       | 428237       | MGMC_GCC_TAT_UT_1940       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350246       | 428237       | MGMC_GCC_TAT_UT_1941       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350246       | 428236       | MGMC_GCC_TAT_UT_1942       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350246       | 428114       | MGMC_GCC_TAT_UT_1943       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33b   |
| 350246       | 428233       | MGMC_GCC_TAT_UT_1944       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350246       | 428233       | MGMC_GCC_TAT_UT_1945       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350247       | 428220       | MGMC_GCC_TAT_UT_1946       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350247       | 428212       | MGMC_GCC_TAT_UT_1947       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350247       | 428218       | MGMC_GCC_TAT_UT_1948       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350247       | 428210       | MGMC_GCC_TAT_UT_1949       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350247       | 428209       | MGMC_GCC_TAT_UT_1950       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350247       | 428217       | MGMC_GCC_TAT_UT_1951       | Cable            |                   | Telecom                    | Vodafone                                 |                         |                               |                              | N/A  | 33    |
| 350248       | 428470       | MGMC_GCC_PW_1952           | Footpath         | 7-9-FP 7          | Public Right of Way        | South Ribble Council                     |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 33    |
| 350249       | 428116       | MGMC_GCC_TAT_UT_1953       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33b   |
| 350249       | 428241       | MGMC_GCC_TAT_UT_1954       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350249       | 428240       | MGMC_GCC_TAT_UT_1955       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350249       | 428240       | MGMC_GCC_TAT_UT_1956       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350251       | 428121       | MGMC_GCC_TAT_UT_1957       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33b   |
| 350251       | 428121       | MGMC_GCC_TAT_UT_1958       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33b   |
| 350251       | 428121       | MGMC_GCC_TAT_UT_1959       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33b   |
| 350251       | 428122       | MGMC_GCC_TAT_UT_1960       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33b   |
| 350251       | 428467       | MGMC_GCC_EN_1961           | Hedgerow         |                   | Hedgerow                   | Local Authority/Private                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 33    |
| 350258       | 428094       | MGMC_GCC_TAT_UT_1962       | Pipeline         |                   | Water                      | United Utilities                         |                         |                               |                              | N/A  | 33b   |
| 350280       | 428302       | MGMC_GCC_TAT_EN_1964       | Hedgerow         |                   | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track                 | 33    |
| 350281       | 427522       | MGMC_GCC_TCC_UT_1965       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 34    |
| 350281       | 427522       | MGMC_GCC_TCC_UT_1966       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 34    |
| 350281       | 427522       | MGMC_GCC_TCC_UT_1967       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 34    |

| X Coordinate | Y Coordinate | Crossing Identification No | Type of Obstacle | Obstacle Name     | Obstacle Description       | Asset Owner                              | Trenchless Technique ID | Trenchless Technique Category | Trenchless Techniques Length | Proposed Crossing Method                           | Sheet |
|--------------|--------------|----------------------------|------------------|-------------------|----------------------------|--|-------------------------|-------------------------------|------------------------------|--|-------|
| 350281       | 427523       | MGMC_GCC_TCC_UT_1968       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 34    |
| 350281       | 427522       | MGMC_GCC_TCC_UT_1969       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 34    |
| 350281       | 427522       | MGMC_GCC_TCC_UT_1970       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 34    |
| 350292       | 427472       | MGMC_GCC_TCC_UT_1971       | Pipeline         |                   | Gas                        | National Grid Gas Transmission           |                         |                               |                              | N/A  | 34    |
| 350299       | 428080       | MGMC_GCC_TAT_UT_1972       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33b   |
| 350301       | 428080       | MGMC_GCC_TAT_UT_1974       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33b   |
| 350302       | 428079       | MGMC_GCC_TAT_UT_1975       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33b   |
| 350302       | 428079       | MGMC_GCC_TAT_UT_1976       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33b   |
| 350303       | 427462       | MGMC_GCC_TCC_EN_1977       | Hedgerow         |                   | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary construction compound        | 34    |
| 350303       | 428079       | MGMC_GCC_TAT_UT_1978       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33b   |
| 350308       | 428080       | MGMC_GCC_TAT_UT_1979       | Pipeline         |                   | Water                      | United Utilities                         |                         |                               |                              | N/A  | 33b   |
| 350315       | 428319       | MGMC_GCC_TAT_UT_1980       | Cable            |                   | Overhead Line              | National Grid Electricity Transmission   |                         |                               |                              | N/A  | 33a   |
| 350320       | 428073       | MGMC_GCC_TAT_UT_1981       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33b   |
| 350320       | 428073       | MGMC_GCC_TAT_UT_1982       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33b   |
| 350320       | 428073       | MGMC_GCC_TAT_UT_1983       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33b   |
| 350320       | 428073       | MGMC_GCC_TAT_UT_1984       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33b   |
| 350322       | 428322       | MGMC_GCC_TAT_UT_1985       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33a   |
| 350330       | 428326       | MGMC_GCC_TAT_UT_1986       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33a   |
| 350337       | 427789       | MGMC_GCC_UT_1987           | Cable            |                   | Telecom                    | Vodafone                                 |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 350337       | 427789       | MGMC_GCC_UT_1988           | Cable            |                   | Telecom                    | Vodafone                                 |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 350337       | 427788       | MGMC_GCC_UT_1989           | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 350337       | 427788       | MGMC_GCC_UT_1990           | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 350338       | 427787       | MGMC_GCC_UT_1991           | Cable            |                   | Telecom                    | National Grid Electricity Transmission   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 350338       | 427786       | MGMC_GCC_UT_1992           | Cable            |                   | Telecom                    | Vodafone                                 |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 350338       | 427786       | MGMC_GCC_UT_1993           | Cable            |                   | Telecom                    | Vodafone                                 |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 350338       | 427786       | MGMC_GCC_UT_1994           | Cable            |                   | Telecom                    | National Grid Electricity Transmission   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 350338       | 427786       | MGMC_GCC_UT_1995           | Cable            |                   | Telecom                    | National Grid Electricity Transmission   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 350339       | 428330       | MGMC_GCC_TAT_UT_1996       | Cable            |                   | Telecom                    | Vodafone                                 |                         |                               |                              | N/A  | 33a   |
| 350343       | 427774       | MGMC_GCC_UT_1997           | Cable            |                   | Overhead Line              | National Grid Electricity Transmission   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion | 34    |
| 350344       | 427775       | MGMC_GCC_UT_1998           | Cable            |                   | Telecom                    | Vodafone                                 |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 350344       | 427586       | MGMC_GCC_TCC_UT_1999       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 34    |
| 350353       | 427587       | MGMC_GCC_TCC_EN_2000       | Hedgerow         |                   | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary construction compound        | 34    |
| 350353       | 428377       | MGMC_GCC_UT_2001           | Cable            |                   | Underground Electric Cable | Electricity North West                   | 47                      | Minor                         | 119                          | Trenchless Techniques Only                         | 33a   |
| 350357       | 428374       | MGMC_GCC_UT_2002           | Cable            |                   | Underground Electric Cable | Electricity North West                   | 47                      | Minor                         | 119                          | Trenchless Techniques Only                         | 33a   |
| 350361       | 428370       | MGMC_GCC_UT_2003           | Cable            |                   | Telecom                    | Vodafone                                 | 47                      | Minor                         | 119                          | Trenchless Techniques Only                         | 33a   |
| 350363       | 427804       | MGMC_GCC_UT_2004           | Cable            |                   | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 350367       | 427807       | MGMC_GCC_UT_2005           | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 350368       | 428336       | MGMC_GCC_TAT_UT_2006       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33a   |
| 350371       | 427808       | MGMC_GCC_UT_2007           | Cable            |                   | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 350371       | 427808       | MGMC_GCC_UT_2008           | Cable            |                   | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 350373       | 427545       | MGMC_GCC_TCC_EN_2009       | Hedgerow         |                   | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary construction compound        | 34    |
| 350373       | 428335       | MGMC_GCC_UT_2010           | Cable            |                   | Underground Electric Cable | Electricity North West                   | 47                      | Minor                         | 119                          | Trenchless Techniques Only                         | 33a   |
| 350375       | 428338       | MGMC_GCC_OAR_UT_2011       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33a   |
| 350375       | 428339       | MGMC_GCC_OAR_UT_2012       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33a   |
| 350378       | 428355       | MGMC_GCC_UT_2013           | Cable            |                   | Underground Electric Cable | Electricity North West                   | 47                      | Minor                         | 119                          | Trenchless Techniques Only                         | 33a   |
| 350380       | 427747       | MGMC_GCC_UT_2014           | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 350380       | 427747       | MGMC_GCC_UT_2015           | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 350382       | 428352       | MGMC_GCC_UT_2016           | Cable            |                   | Underground Electric Cable | Electricity North West                   | 47                      | Minor                         | 119                          | Trenchless Techniques Only                         | 33a   |
| 350383       | 428351       | MGMC_GCC_UT_2017           | Cable            |                   | Underground Electric Cable | Electricity North West                   | 47                      | Minor                         | 119                          | Trenchless Techniques Only                         | 33a   |
| 350386       | 428043       | MGMC_GCC_OAR_EN_2018       | Hedgerow         |                   | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 33    |
| 350386       | 428043       | MGMC_GCC_OAR_UT_2019       | Cable            |                   | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 33    |
| 350387       | 428045       | MGMC_GCC_OAR_UT_2020       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350387       | 428046       | MGMC_GCC_OAR_UT_2021       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350387       | 428046       | MGMC_GCC_OAR_RO_2022       | Road             | Howick Cross Lane | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A  | 33    |
| 350387       | 428046       | MGMC_GCC_OAR_UT_2023       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350387       | 428046       | MGMC_GCC_OAR_UT_2024       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350390       | 428345       | MGMC_GCC_UT_2025           | Cable            |                   | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion | 33a   |
| 350390       | 428345       | MGMC_GCC_UT_2026           | Cable            |                   | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A / Trenchless Techniques/ Microsite / Diversion | 33a   |
| 350394       | 428341       | MGMC_GCC_WA_2027           | Drain            |                   | Drain                      | Private                                  | 47                      | Minor                         | 119                          | Trenchless Techniques Only                         | 33a   |
| 350395       | 428341       | MGMC_GCC_UT_2028           | Cable            |                   | Underground Electric Cable | Electricity North West                   | 47                      | Minor                         | 119                          | Trenchless Techniques Only                         | 33a   |
| 350395       | 428340       | MGMC_GCC_UT_2029           | Cable            |                   | Underground Electric Cable | Electricity North West                   | 47                      | Minor                         | 119                          | Trenchless Techniques Only                         | 33a   |
| 350396       | 428340       | MGMC_GCC_UT_2030           | Cable            |                   | Underground Electric Cable | Electricity North West                   | 47                      | Minor                         | 119                          | Trenchless Techniques Only                         | 33a   |
| 350396       | 428340       | MGMC_GCC_UT_2031           | Cable            |                   | Underground Electric Cable | Electricity North West                   | 47                      | Minor                         | 119                          | Trenchless Techniques Only                         | 33a   |
| 350396       | 428340       | MGMC_GCC_UT_2032           | Cable            |                   | Underground Electric Cable | Electricity North West                   | 47                      | Minor                         | 119                          | Trenchless Techniques Only                         | 33a   |
| 350396       | 428340       | MGMC_GCC_UT_2033           | Cable            |                   | Underground Electric Cable | Electricity North West                   | 47                      | Minor                         | 119                          | Trenchless Techniques Only                         | 33a   |
| 350397       | 428339       | MGMC_GCC_UT_2034           | Cable            |                   | Underground Electric Cable | Electricity North West                   | 47                      | Minor                         | 119                          | Trenchless Techniques Only                         | 33a   |
| 350408       | 427756       | MGMC_GCC_PW_2035           | Footpath         |                   | Private Access Track       |  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 350412       | 428359       | MGMC_GCC_OAR_UT_2036       | Cable            |                   | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 33a   |
| 350412       | 428359       | MGMC_GCC_OAR_UT_2037       | Cable            |                   | Overhead Line              | Electricity North West                   |                         |                               |                              | N/A  | 33a   |
| 350412       | 427819       | MGMC_GCC_UT_2038           | Cable            |                   | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 350412       | 427819       | MGMC_GCC_UT_2039           | Cable            |                   | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 34    |
| 350423       | 427844       | MGMC_GCC_UT_2040           | Cable            |                   | Telecom                    | Vodafone                                 |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road     | 33    |
| 350427       | 428017       | MGMC_GCC_OAR_UT_2041       | Cable            |                   | Overhead Line              | National Grid Electricity Transmission   |                         |                               |                              | N/A  | 33    |
| 350433       | 427847       | MGMC_GCC_UT_2042           | Cable            |                   | Telecom                    | Openreach - [British Telecommunications] | 48                      | Minor                         | 153                          | Trenchless Techniques Only with Haul Road          | 33    |



| X Coordinate | Y Coordinate | Crossing Identification No | Type of Obstacle | Obstacle Name     | Obstacle Description       | Asset Owner                              | Trenchless Technique ID | Trenchless Technique Category | Trenchless Techniques Length | Proposed Crossing Method                       | Sheet |
|--------------|--------------|----------------------------|------------------|-------------------|----------------------------|--|-------------------------|-------------------------------|------------------------------|--|-------|
| 350433       | 427860       | MGMC_GCC_PW_2043           | Footpath         |                   | Private Access Track       |  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 33    |
| 350434       | 427538       | MGMC_GCC_TCC_UT_2044       | Cable            |                   | Overhead Line              | National Grid Electricity Transmission   |                         |                               |                              | N/A / Microsite / Diversion                    | 34    |
| 350437       | 428374       | MGMC_GCC_OAR_UT_2045       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33a   |
| 350437       | 428374       | MGMC_GCC_OAR_UT_2046       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33a   |
| 350438       | 428376       | MGMC_GCC_OAR_WA_2047       | Drain            |                   | Drain                      | Private                                  |                         |                               |                              | N/A  | 33a   |
| 350440       | 427871       | MGMC_GCC_UT_2048           | Cable            |                   | Telecom                    | Openreach - [British Telecommunications] | 48                      | Minor                         | 153                          | Trenchless Techniques Only with Haul Road      | 33    |
| 350448       | 428373       | MGMC_GCC_OAR_UT_2049       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33a   |
| 350448       | 428373       | MGMC_GCC_OAR_UT_2050       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33a   |
| 350448       | 428372       | MGMC_GCC_OAR_UT_2051       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33a   |
| 350449       | 428368       | MGMC_GCC_OAR_UT_2052       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33a   |
| 350449       | 428372       | MGMC_GCC_OAR_UT_2053       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33a   |
| 350449       | 428372       | MGMC_GCC_OAR_UT_2054       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33a   |
| 350450       | 428371       | MGMC_GCC_OAR_UT_2055       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33a   |
| 350459       | 427902       | MGMC_GCC_UT_2056           | Cable            |                   | Underground Electric Cable | Electricity North West                   | 48                      | Minor                         | 153                          | Trenchless Techniques Only with Haul Road      | 33    |
| 350460       | 427902       | MGMC_GCC_EN_2057           | Hedgerow         |                   | Hedgerow                   | Private                                  | 48                      | Minor                         | 153                          | Trenchless Techniques Only with Haul Road      | 33    |
| 350465       | 428007       | MGMC_GCC_UT_2058           | Cable            |                   | Underground Electric Cable | Electricity North West                   | 49                      | Minor                         | 109                          | Trenchless Techniques Only with Haul Road      | 33    |
| 350465       | 428007       | MGMC_GCC_UT_2059           | Cable            |                   | Underground Electric Cable | Electricity North West                   | 49                      | Minor                         | 109                          | Trenchless Techniques Only with Haul Road      | 33    |
| 350475       | 427992       | MGMC_GCC_EN_2060           | Hedgerow         |                   | Hedgerow                   | Private                                  | 49                      | Minor                         | 109                          | Trenchless Techniques Only with Haul Road      | 33    |
| 350475       | 427996       | MGMC_GCC_RO_2062           | Road             | Howick Cross Lane | Minor Road                 | Local Highway Authority                  | 49                      | Minor                         | 109                          | Trenchless Techniques Only with Haul Road      | 33    |
| 350475       | 427998       | MGMC_GCC_UT_2063           | Cable            |                   | Telecom                    | Openreach - [British Telecommunications] | 49                      | Minor                         | 109                          | Trenchless Techniques Only with Haul Road      | 33    |
| 350475       | 427995       | MGMC_GCC_UT_2064           | Cable            |                   | Underground Electric Cable | Electricity North West                   | 49                      | Minor                         | 109                          | Trenchless Techniques Only with Haul Road      | 33    |
| 350476       | 427996       | MGMC_GCC_UT_2065           | Cable            |                   | Underground Electric Cable | Electricity North West                   | 49                      | Minor                         | 109                          | Trenchless Techniques Only with Haul Road      | 33    |
| 350476       | 427996       | MGMC_GCC_UT_2066           | Cable            |                   | Underground Electric Cable | Electricity North West                   | 49                      | Minor                         | 109                          | Trenchless Techniques Only with Haul Road      | 33    |
| 350476       | 427996       | MGMC_GCC_UT_2067           | Cable            |                   | Underground Electric Cable | Electricity North West                   | 49                      | Minor                         | 109                          | Trenchless Techniques Only with Haul Road      | 33    |
| 350476       | 428003       | MGMC_GCC_UT_2068           | Pipeline         |                   | Water                      | United Utilities                         | 49                      | Minor                         | 109                          | Trenchless Techniques Only with Haul Road      | 33    |
| 350479       | 428021       | MGMC_GCC_PW_2069           | Footpath         | 7-9-FP 11         | Public Right of Way        | South Ribble Council                     | 49                      | Minor                         | 109                          | Trenchless Techniques Only with Haul Road      | 33    |
| 350482       | 427986       | MGMC_GCC_UT_2070           | Cable            |                   | Underground Electric Cable | Electricity North West                   | 49                      | Minor                         | 109                          | Trenchless Techniques Only with Haul Road      | 33    |
| 350484       | 428016       | MGMC_GCC_PW_2071           | Footpath         | 7-9-FP 11         | Public Right of Way        | South Ribble Council                     | 49                      | Minor                         | 109                          | Trenchless Techniques Only with Haul Road      | 33    |
| 350487       | 427803       | MGMC_GCC_UT_2072           | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 34    |
| 350492       | 427929       | MGMC_GCC_TAT_UT_2073       | Cable            |                   | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 33    |
| 350493       | 427701       | MGMC_GCC_EN_2074           | Hedgerow         |                   | Hedgerow                   | Local Authority/Private                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 34    |
| 350496       | 428203       | MGMC_GCC_EN_2075           | Hedgerow         |                   | Hedgerow                   | Local Authority/Private                  |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 33    |
| 350500       | 427925       | MGMC_GCC_TAT_UT_2076       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350500       | 427938       | MGMC_GCC_TAT_UT_2077       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350500       | 427938       | MGMC_GCC_TAT_UT_2078       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350500       | 427940       | MGMC_GCC_TAT_UT_2079       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350504       | 427927       | MGMC_GCC_OAR_RO_2080       | Road             | Howick Cross Lane | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A  | 33    |
| 350506       | 427929       | MGMC_GCC_TAT_UT_2081       | Cable            |                   | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 33    |
| 350507       | 427929       | MGMC_GCC_TAT_UT_2082       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350507       | 427929       | MGMC_GCC_TAT_UT_2083       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350507       | 427929       | MGMC_GCC_TAT_UT_2084       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350507       | 427929       | MGMC_GCC_TAT_UT_2085       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350507       | 427929       | MGMC_GCC_TAT_UT_2086       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350507       | 427929       | MGMC_GCC_TAT_UT_2087       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350507       | 427929       | MGMC_GCC_TAT_UT_2088       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350513       | 427920       | MGMC_GCC_TAT_RO_2089       | Road             | Howick Cross Lane | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A  | 33    |
| 350513       | 428224       | MGMC_GCC_OAR_EN_2090       | Hedgerow         |                   | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 33    |
| 350519       | 428218       | MGMC_GCC_OAR_PW_2091       | Footpath         | 7-9-FP 9          | Public Right of Way        | South Ribble Council                     |                         |                               |                              | N/A  | 33    |
| 350533       | 427877       | MGMC_GCC_UT_2092           | Cable            |                   | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 33    |
| 350549       | 427864       | MGMC_GCC_UT_2093           | Cable            |                   | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | Trenchless Techniques/ Open Cut with Haul Road | 33    |
| 350557       | 428122       | MGMC_GCC_OAR_EN_2094       | Hedgerow         |                   | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 33    |
| 350558       | 427713       | MGMC_GCC_TCC_EN_2095       | Hedgerow         |                   | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary construction compound    | 34    |
| 350575       | 427678       | MGMC_GCC_TCC_UT_2096       | Cable            |                   | Telecom                    | Vodafone                                 |                         |                               |                              | N/A  | 34    |
| 350581       | 427818       | MGMC_GCC_OAR_UT_2097       | Cable            |                   | Telecom                    | Vodafone                                 |                         |                               |                              | N/A  | 34    |
| 350584       | 427683       | MGMC_GCC_TCC_UT_2099       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 34    |
| 350587       | 427809       | MGMC_GCC_OAR_PW_2100       | Footpath         | 7-9FP 9           | Public Right of Way        | South Ribble Council                     |                         |                               |                              | N/A  | 34    |
| 350587       | 427813       | MGMC_GCC_OAR_UT_2101       | Pipeline         |                   | Water                      | United Utilities                         |                         |                               |                              | N/A  | 34    |
| 350587       | 427812       | MGMC_GCC_OAR_UT_2102       | Pipeline         |                   | Gas                        | Cadent Gas                               |                         |                               |                              | N/A  | 34    |
| 350588       | 427807       | MGMC_GCC_OAR_UT_2103       | Cable            |                   | Telecom                    | Vodafone                                 |                         |                               |                              | N/A  | 34    |
| 350589       | 427807       | MGMC_GCC_OAR_RO_2104       | Road             | Howick Cross Lane | Minor Road                 | Local Highway Authority                  |                         |                               |                              | N/A  | 34    |
| 350589       | 427812       | MGMC_GCC_OAR_UT_2105       | Cable            |                   | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 34    |
| 350590       | 427814       | MGMC_GCC_OAR_UT_2106       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 34    |
| 350593       | 428025       | MGMC_GCC_OAR_UT_2107       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 33    |
| 350594       | 427319       | MGMC_GCC_TAT_UT_2108       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 34    |
| 350594       | 427672       | MGMC_GCC_TCC_UT_2109       | Cable            |                   | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 34    |
| 350601       | 427341       | MGMC_GCC_TAT_EN_2110       | Hedgerow         |                   | Hedgerow                   | Private                                  |                         |                               |                              | Removal for temporary access track             | 34    |
| 350606       | 427330       | MGMC_GCC_TAT_UT_2111       | Pipeline         |                   | Gas                        | Cadent Gas                               |                         |                               |                              | N/A  | 34    |
| 350606       | 427334       | MGMC_GCC_TAT_UT_2112       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 34    |
| 350608       | 427336       | MGMC_GCC_TAT_UT_2113       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 34    |
| 350613       | 427848       | MGMC_GCC_OAR_EN_2114       | Hedgerow         |                   | Hedgerow                   | Private                                  |                         |                               |                              | N/A  | 33    |
| 350618       | 427633       | MGMC_GCC_TCC_UT_2115       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 34    |
| 350620       | 427636       | MGMC_GCC_TCC_UT_2116       | Cable            |                   | Underground Electric Cable | Electricity North West                   |                         |                               |                              | N/A  | 34    |
| 350622       | 427341       | MGMC_GCC_TAT_UT_2117       | Cable            |                   | Telecom                    | Openreach - [British Telecommunications] |                         |                               |                              | N/A  | 34    |
| 350623       | 427347       | MGMC_GCC_TAT_UT_2118       | Cable            |                   | Overhead Line              | National Grid Electricity Transmission   |                         |                               |                              | N/A  | 34    |



Order Limits

**Project Name:**  
MORGAN AND MORECAMBE OFFSHORE WIND FARMS:  
TRANSMISSION ASSETS

**Drawing Title:**  
OBSTACLE CROSSING PLAN - INDEX

0 0.25 0.5 0.75 1 nm  
0 0.5 1 Kilometers  
Scale@A1:1:30,000

**Geodetic Information:**  
Datum: OSGB 1936  
Projection: British National Grid

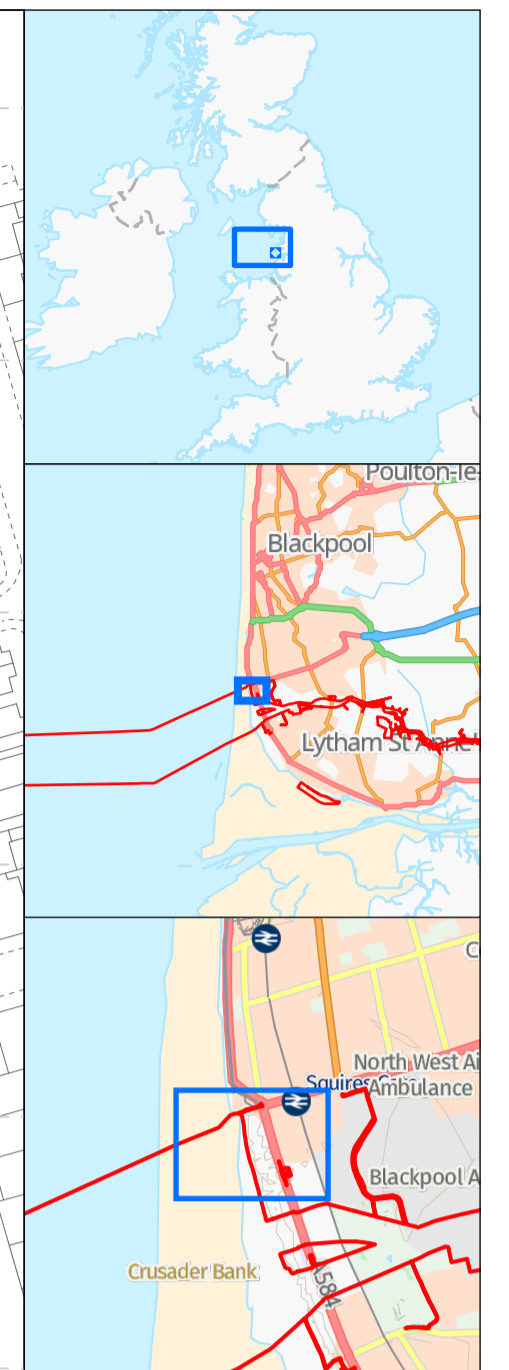
**Data Sources:** BP, Ordnance Survey  
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**Drawing Number:**  
BP-GBR-MORG-REG-0204

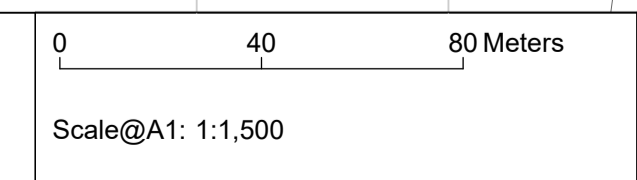


- Inset
- Adjacent Sheet
- Order Limits
- Obstacle Crossing Point
- Obstacle
- Road
- Electric
- Gas
- Sewerage
- Telecom
- Water

To avoid label congestion Obstacle Crossing Points are only labelled on the Sheet on which they are listed as appearing on the Crossing Schedule and their labels are reduced to numeric ID component only.



**Project Name:** MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS  
**Drawing Title:** OBSTACLE CROSSING PLAN - SHEET 1 OF 36



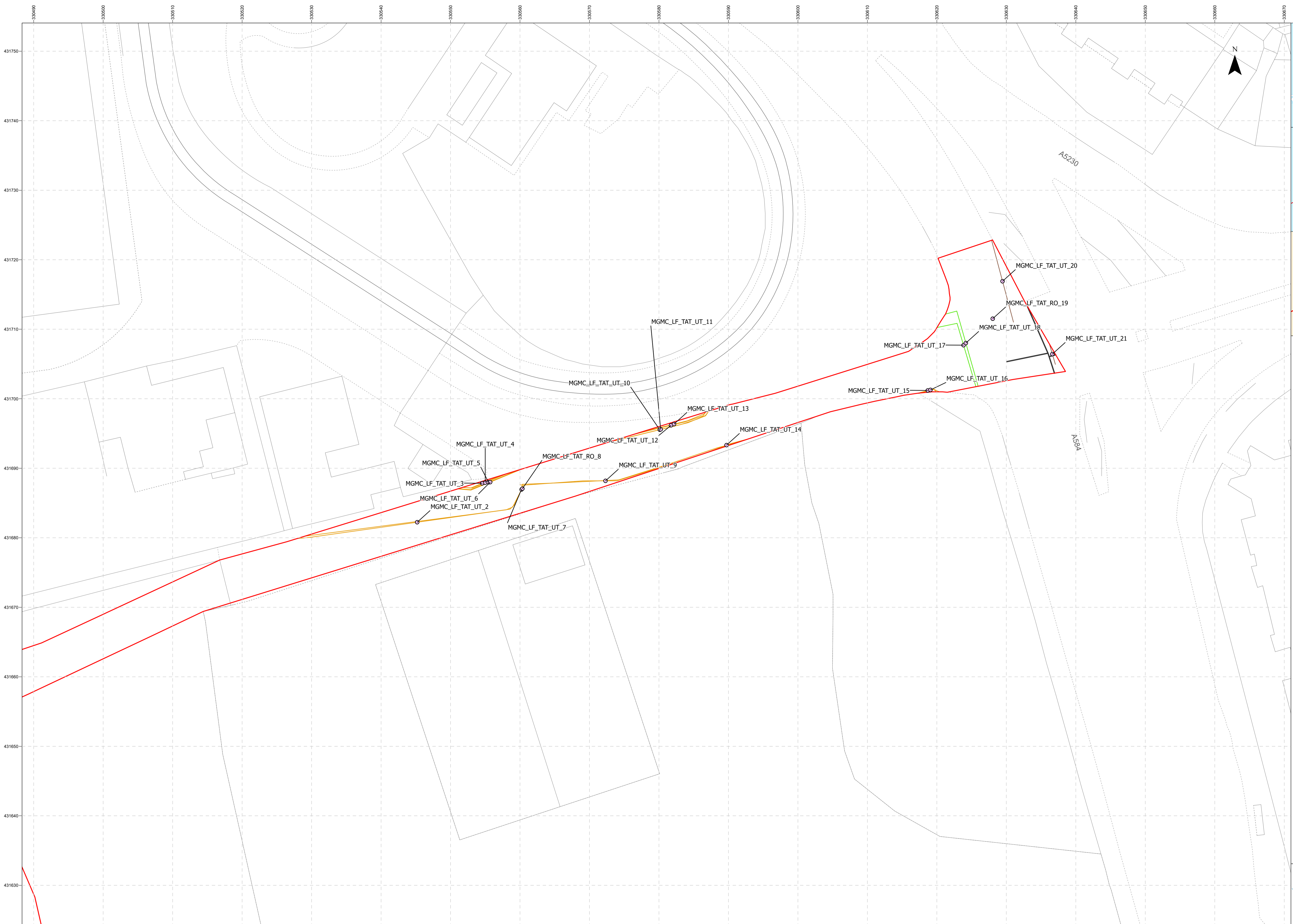
**Geodetic Information:**  
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| 01  | 22/09/24 | Final at DCO Submission | HAH  | LM  | AS    |

**Drawing Number:** BP-GBR-MORG-REG-0204

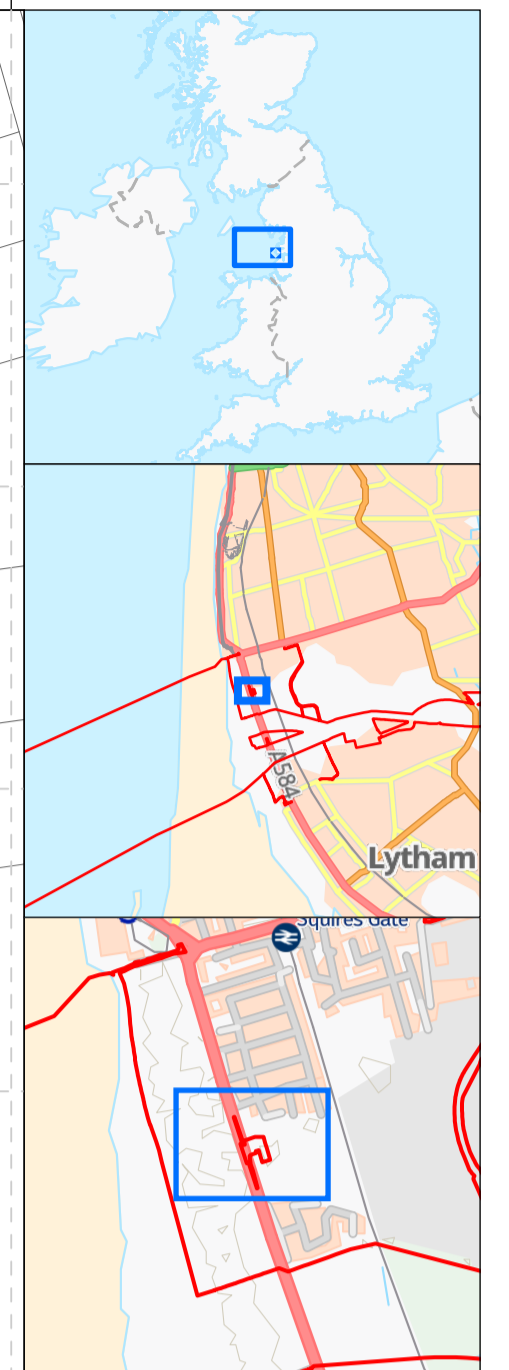


- Adjacent Sheet
- Order Limits
- Obstacle Crossing Point
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- Gas
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| <b>Project Name:</b><br>MORGAN AND MORECAMBE OFFSHORE WIND FARMS:<br>TRANSMISSION ASSETS | <b>Drawing Title:</b><br>OBSTACLE CROSSING PLAN - SHEET 1A OF 36 | <br>Scale@A1: 1:250     | <b>Geodetic Information:</b><br>Datum: OSGB 1936<br>Projection: British National Grid | <b>Data Sources:</b> BP, Ordnance Survey<br><br>Based Upon The Ordnance Survey Map With The Sanction Of The<br>Controller Of HM Stationery Office. Crown Copyright Reserved. © OS<br>Licence No. 100042124 | <b>Service Layer Credits:</b> GB Cartographic Local Names:<br>Contains OS data © Crown Copyright and database right<br>2022<br>Contains data from OS Zoomstack | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>VER</th> <th>DATE</th> <th>DETAILS</th> <th>AUTH</th> <th>CHK</th> <th>APPRV</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">01</td> <td style="text-align: center;">22/09/24</td> <td style="text-align: center;">Final at DCO Submission</td> <td style="text-align: center;">HAH</td> <td style="text-align: center;">LM</td> <td style="text-align: center;">AS</td> </tr> </tbody> </table> | VER | DATE | DETAILS | AUTH | CHK | APPRV | 01 | 22/09/24 | Final at DCO Submission | HAH | LM | AS | <b>Drawing Number:</b><br>BP-GBR-MORG-REG-0204 |
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| 01   | 22/09/24   | Final at DCO Submission | HAH   | LM   | AS   |   |     |      |         |      |     |       |    |          |                         |     |    |    |  |

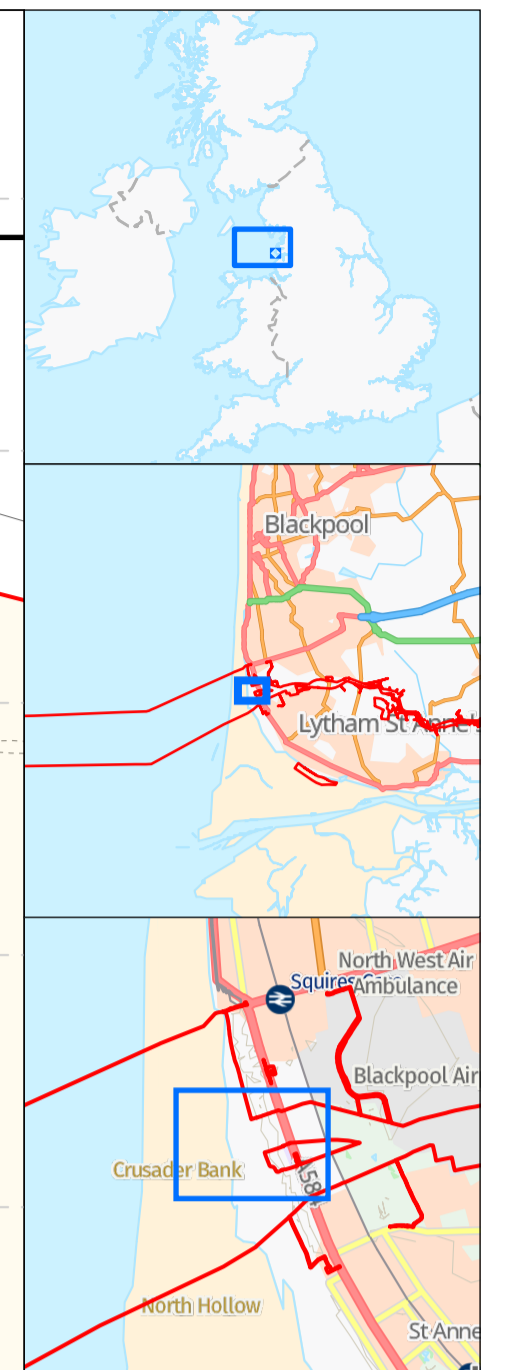
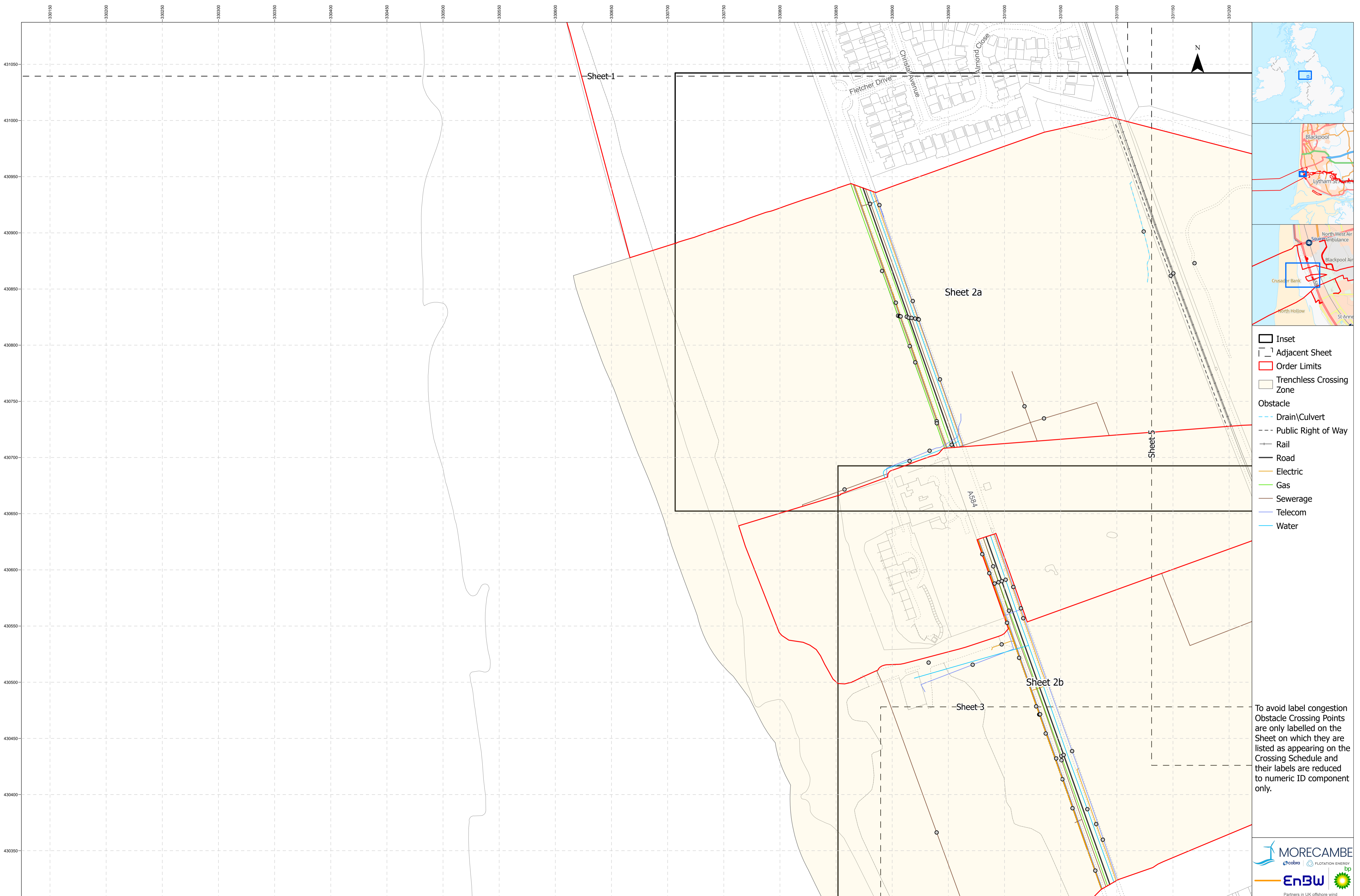


- ┌ ─┬─ Adjacent Sheet
- ▭ Order Limits
- Obstacle Crossing Point
- Road
- Electric
- Sewerage
- Telecom
- Water

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| <b>Project Name:</b><br>MORGAN AND MORECAMBE OFFSHORE WIND FARMS:<br>TRANSMISSION ASSETS | <b>Drawing Title:</b><br>OBSTACLE CROSSING PLAN - SHEET 1B OF 36 | 0 10 20 Meters<br>Scale@A1: 1:500 | <b>Geodetic Information:</b><br>Datum: OSGB 1936<br>Projection: British National Grid | <b>Data Sources:</b> BP, Ordnance Survey<br>Based Upon The Ordnance Survey Map With The Sanction Of The Controller Of HM Stationery Office. Crown Copyright Reserved. © OS Licence No. 100042124 | <b>Service Layer Credits:</b> GB Cartographic Local Names: Contains OS data © Crown Copyright and database right 2022<br>Contains data from OS Zoomstack | <table border="1" style="border-collapse: collapse;"> <thead> <tr> <th>VER</th> <th>DATE</th> <th>DETAILS</th> <th>AUTH</th> <th>CHK</th> <th>APPRV</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>22/09/24</td> <td>Final at DCO Submission</td> <td>HAH</td> <td>LM</td> <td>AS</td> </tr> </tbody> </table> | VER | DATE | DETAILS | AUTH | CHK | APPRV | 01 | 22/09/24 | Final at DCO Submission | HAH | LM | AS | <b>Drawing Number:</b><br>BP-GBR-MORG-REG-0204 |
|--|--|-----------------------------------|---|--|--|--|-----|------|---------|------|-----|-------|----|----------|-------------------------|-----|----|----|--|
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| 01   | 22/09/24   | Final at DCO Submission           | HAH   | LM   | AS   |  |     |      |         |      |     |       |    |          |                         |     |    |    |  |

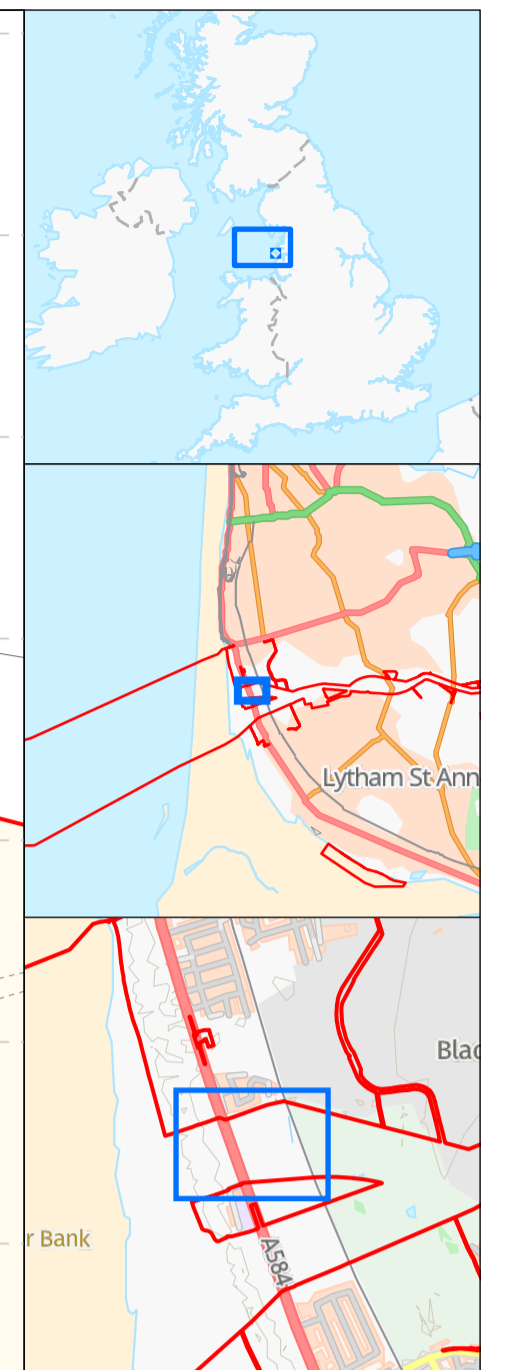
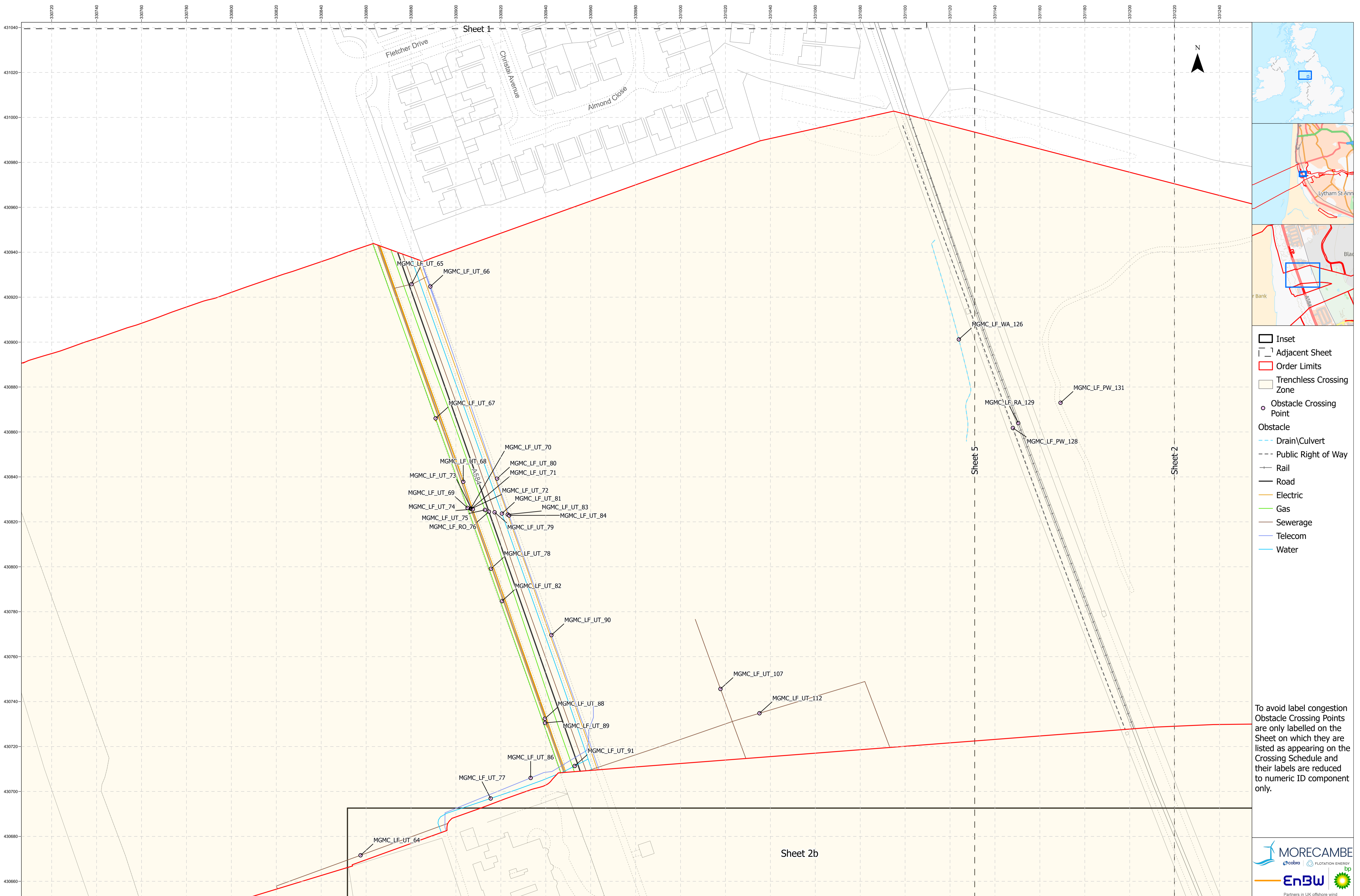


- Inset
- Adjacent Sheet
- Order Limits
- Trenchless Crossing Zone
- Obstacle
- Drain\Culvert
- Public Right of Way
- Rail
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- Electric
- Gas
- Sewerage
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| <b>Project Name:</b><br>MORGAN AND MORECAMBE OFFSHORE WIND FARMS:<br>TRANSMISSION ASSETS | <b>Drawing Title:</b><br>OBSTACLE CROSSING PLAN - SHEET 2 OF 36 | <br>Scale@A1: 1:1,500   | <b>Geodetic Information:</b><br>Datum: OSGB 1936<br>Projection: British National Grid | <b>Data Sources:</b> BP, Ordnance Survey<br><br>Based Upon The Ordnance Survey Map With The Sanction Of The<br>Controller Of HM Stationery Office. Crown Copyright Reserved. © OS<br>Licence No. 100042124 | <b>Service Layer Credits:</b> GB Cartographic Local Names:<br>Contains OS data © Crown Copyright and database right<br>2022<br>Contains data from OS Zoomstack | <table border="1" style="border-collapse: collapse;"> <thead> <tr> <th>VER</th> <th>DATE</th> <th>DETAILS</th> <th>AUTH</th> <th>CHK</th> <th>APPRV</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">01</td> <td style="text-align: center;">22/09/24</td> <td style="text-align: center;">Final at DCO Submission</td> <td style="text-align: center;">HAH</td> <td style="text-align: center;">LM</td> <td style="text-align: center;">AS</td> </tr> </tbody> </table> | VER | DATE | DETAILS | AUTH | CHK | APPRV | 01 | 22/09/24 | Final at DCO Submission | HAH | LM | AS | <b>Drawing Number:</b><br>BP-GBR-MORG-REG-0204 |
|--|---|-------------------------|---|--|--|--|-----|------|---------|------|-----|-------|----|----------|-------------------------|-----|----|----|--|
| VER  | DATE  | DETAILS                 | AUTH  | CHK  | APPRV  |  |     |      |         |      |     |       |    |          |                         |     |    |    |  |
| 01   | 22/09/24  | Final at DCO Submission | HAH   | LM   | AS   |  |     |      |         |      |     |       |    |          |                         |     |    |    |  |

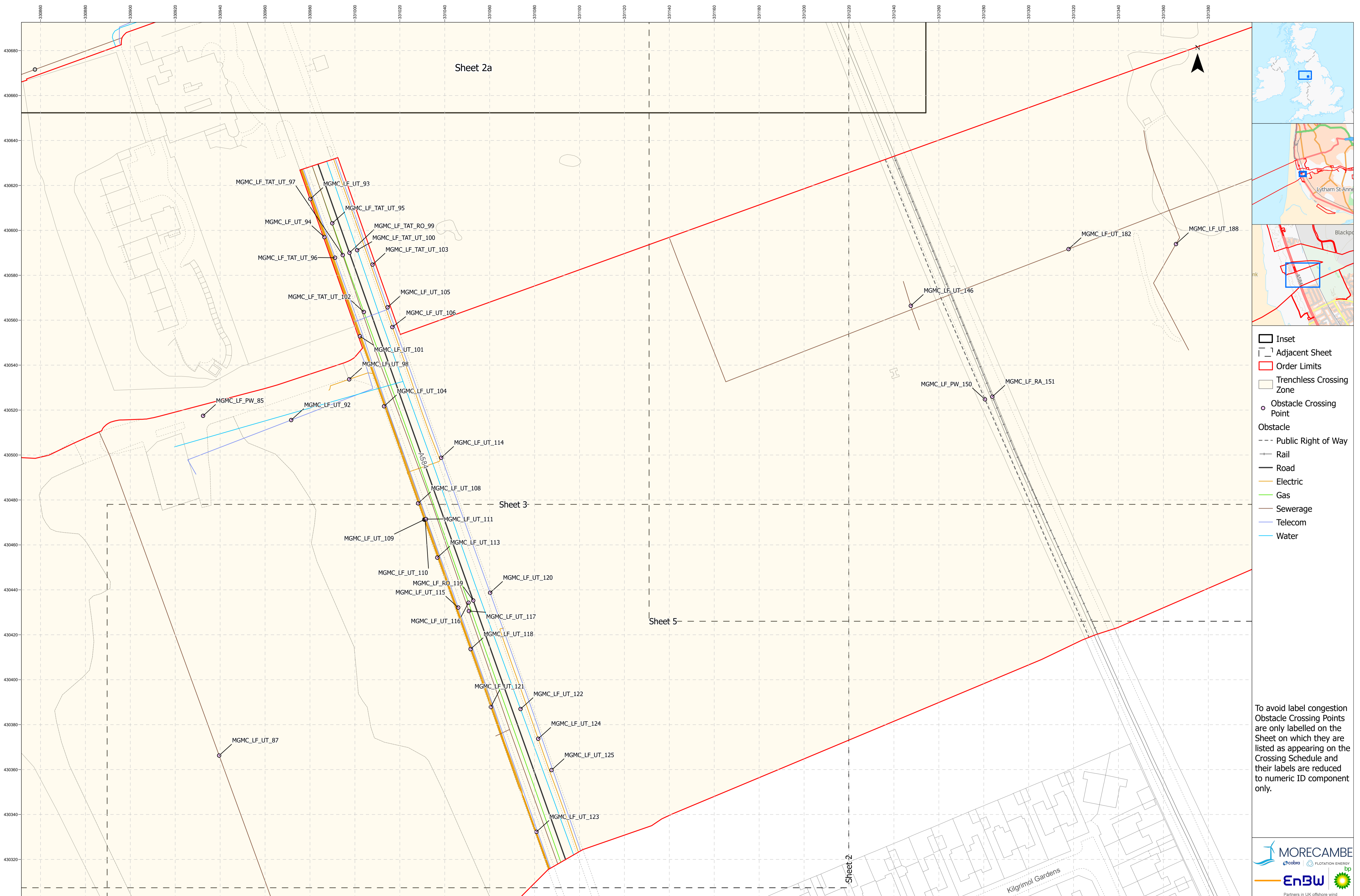


- Inset
- Adjacent Sheet
- Order Limits
- Trenchless Crossing Zone
- Obstacle Crossing Point
- Obstacle
- Drain\Culvert
- Public Right of Way
- Rail
- Road
- Electric
- Gas
- Sewerage
- Telecom
- Water

To avoid label congestion Obstacle Crossing Points are only labelled on the Sheet on which they are listed as appearing on the Crossing Schedule and their labels are reduced to numeric ID component only.



|  |  |                     |   |  |  |                  |                         |   |                    |                  |                    |  |
|--|--|---------------------|---|--|--|------------------|-------------------------|---|--------------------|------------------|--------------------|--|
| <b>Project Name:</b><br>MORGAN AND MORECAMBE OFFSHORE WIND FARMS:<br>TRANSMISSION ASSETS | <b>Drawing Title:</b><br>OBSTACLE CROSSING PLAN - SHEET 2A OF 36 | <br>Scale@A1: 1:750 | <b>Geodetic Information:</b><br>Datum: OSGB 1936<br>Projection: British National Grid | <b>Data Sources:</b> BP, Ordnance Survey<br><br>Based Upon The Ordnance Survey Map With The Sanction Of The Controller Of HM Stationery Office. Crown Copyright Reserved. © OS Licence No. 100042124 | <b>Service Layer Credits:</b> GB Cartographic Local Names: Contains OS data © Crown Copyright and database right 2022<br>Contains data from OS Zoomstack | <b>VER</b><br>01 | <b>DATE</b><br>22/09/24 | <b>DETAILS</b><br>Final at DCO Submission | <b>AUTH</b><br>HAH | <b>CHK</b><br>LM | <b>APPRV</b><br>AS | <b>Drawing Number:</b><br>BP-GBR-MORG-REG-0204 |
|--|--|---------------------|---|--|--|------------------|-------------------------|---|--------------------|------------------|--------------------|--|



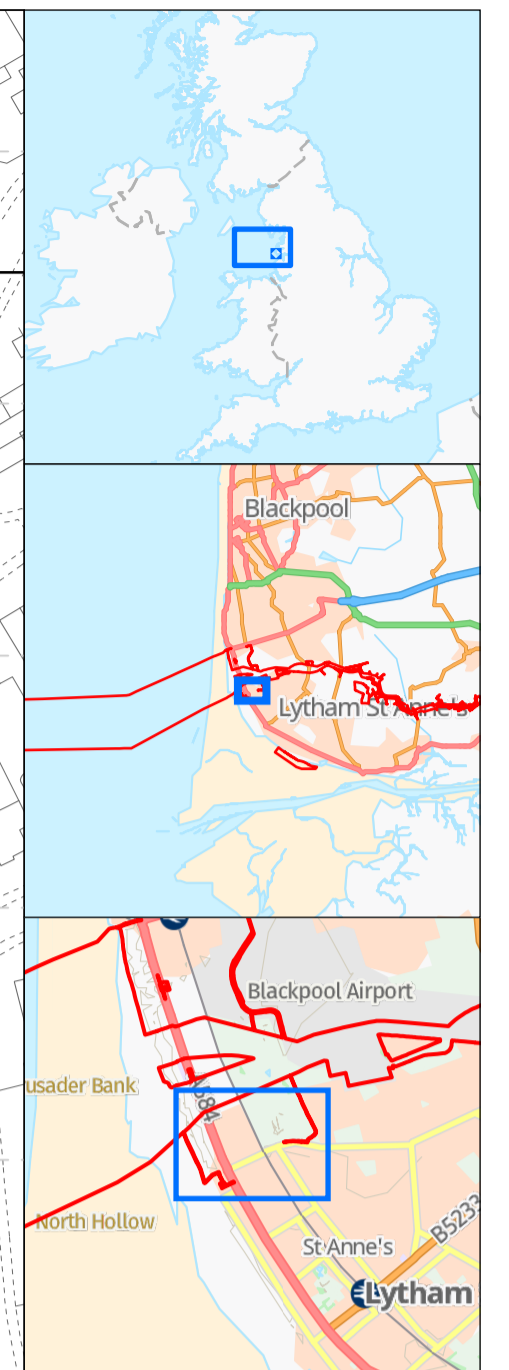
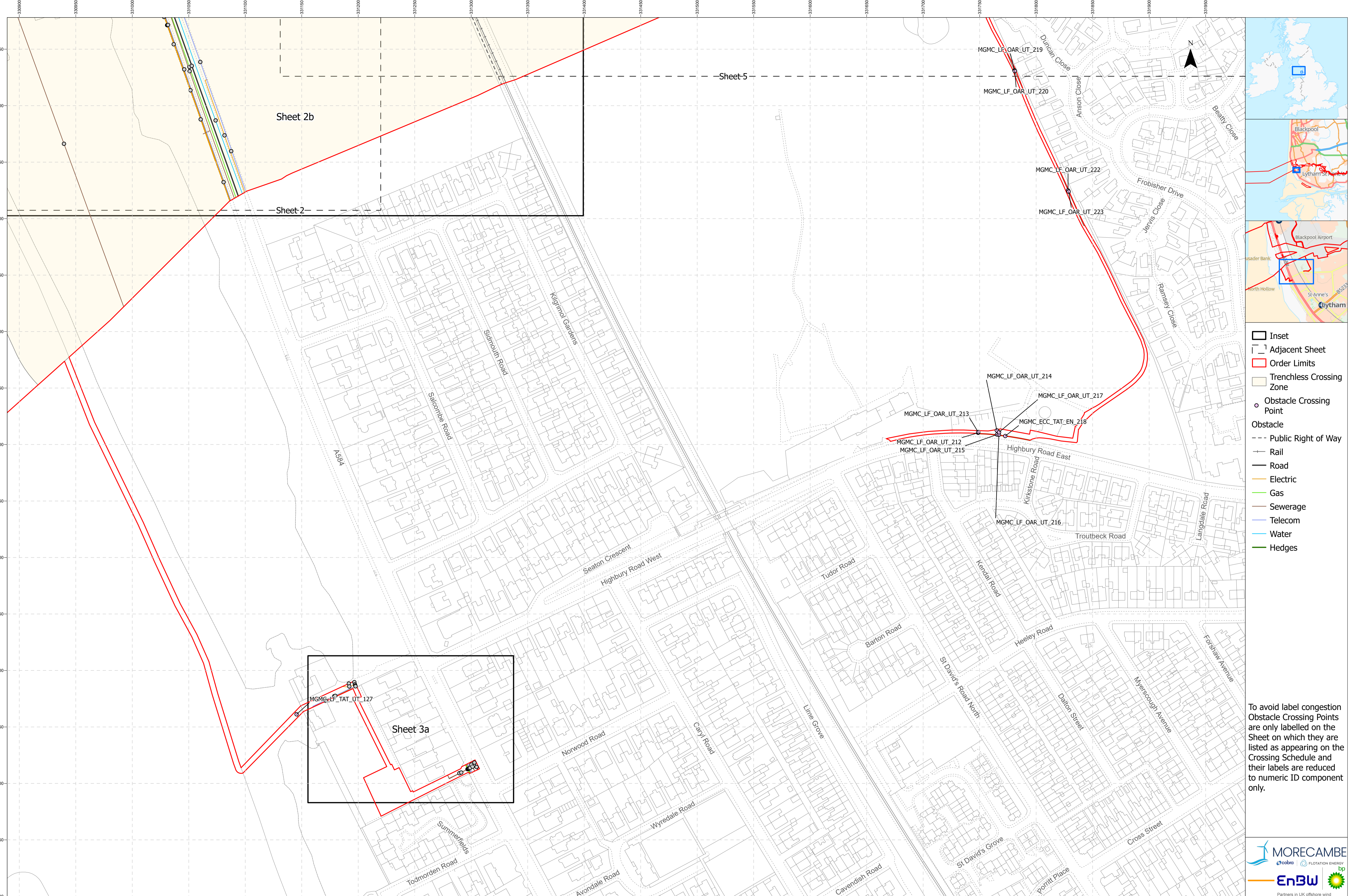
- Inset
- Adjacent Sheet
- Order Limits
- Trenchless Crossing Zone
- Obstacle Crossing Point
- Obstacle
- Public Right of Way
- Rail
- Road
- Electric
- Gas
- Sewerage
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| <b>Project Name:</b><br>MORGAN AND MORECAMBE OFFSHORE WIND FARMS:<br>TRANSMISSION ASSETS | <b>Drawing Title:</b><br>OBSTACLE CROSSING PLAN - SHEET 2B OF 36 | <br>Scale@A1: 1:750     | <b>Geodetic Information:</b><br>Datum: OSGB 1936<br>Projection: British National Grid | <b>Data Sources:</b> BP, Ordnance Survey<br><br>Based Upon The Ordnance Survey Map With The Sanction Of The<br>Controller Of HM Stationery Office. Crown Copyright Reserved. © OS<br>Licence No. 100042124 | <b>Service Layer Credits:</b> GB Cartographic Local Names:<br>Contains OS data © Crown Copyright and database right<br>2022<br>Contains data from OS Zoomstack | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>VER</th> <th>DATE</th> <th>DETAILS</th> <th>AUTH</th> <th>CHK</th> <th>APPRV</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">01</td> <td style="text-align: center;">22/09/24</td> <td style="text-align: center;">Final at DCO Submission</td> <td style="text-align: center;">HAH</td> <td style="text-align: center;">LM</td> <td style="text-align: center;">AS</td> </tr> </tbody> </table> | VER | DATE | DETAILS | AUTH | CHK | APPRV | 01 | 22/09/24 | Final at DCO Submission | HAH | LM | AS | <b>Drawing Number:</b><br>BP-GBR-MORG-REG-0204 |
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| VER  | DATE   | DETAILS                 | AUTH  | CHK  | APPRV  |   |     |      |         |      |     |       |    |          |                         |     |    |    |  |
| 01   | 22/09/24   | Final at DCO Submission | HAH   | LM   | AS   |   |     |      |         |      |     |       |    |          |                         |     |    |    |  |



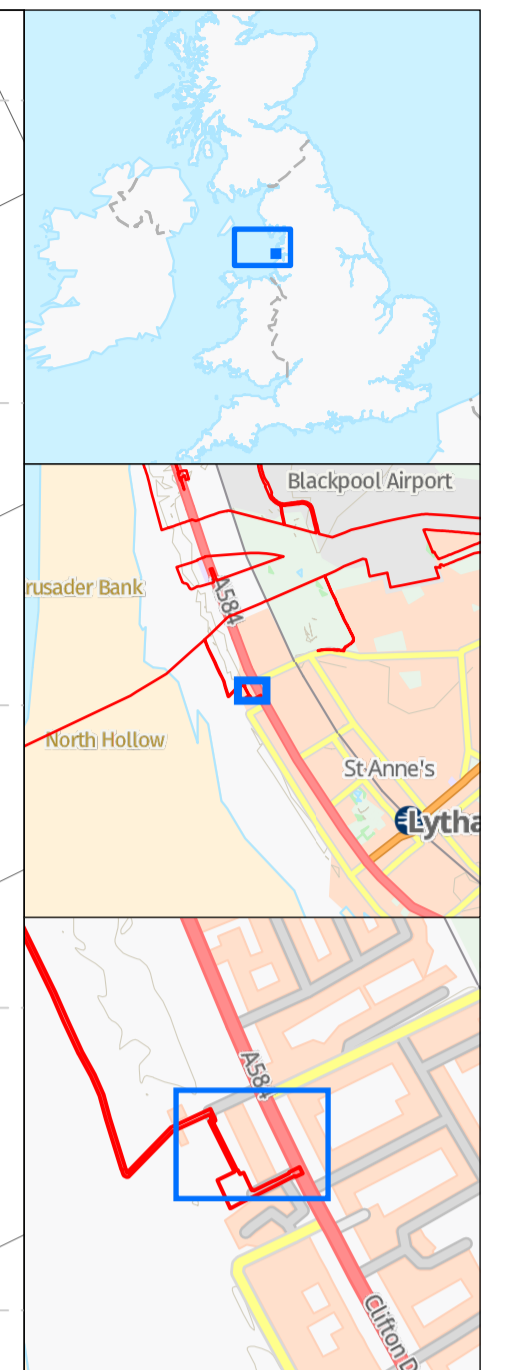


- Inset
- Adjacent Sheet
- Order Limits
- Trenchless Crossing Zone
- Obstacle Crossing Point
- Obstacle
- Public Right of Way
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|--|---|-----------------------|---|--|--|------------------|-------------------------|---|--------------------|------------------|--------------------|--|
| <b>Project Name:</b><br>MORGAN AND MORECAMBE OFFSHORE WIND FARMS:<br>TRANSMISSION ASSETS | <b>Drawing Title:</b><br>OBSTACLE CROSSING PLAN - SHEET 3 OF 36 | <br>Scale@A1: 1:1,500 | <b>Geodetic Information:</b><br>Datum: OSGB 1936<br>Projection: British National Grid | <b>Data Sources:</b> BP, Ordnance Survey<br>Based Upon The Ordnance Survey Map With The Sanction Of The<br>Controller Of HM Stationery Office. Crown Copyright Reserved. © OS<br>Licence No. 100042124 | <b>Service Layer Credits:</b> GB Cartographic Local Names:<br>Contains OS data © Crown Copyright and database right<br>2022<br>Contains data from OS Zoomstack | <b>VER</b><br>01 | <b>DATE</b><br>22/09/24 | <b>DETAILS</b><br>Final at DCO Submission | <b>AUTH</b><br>HAH | <b>CHK</b><br>LM | <b>APPRV</b><br>AS | <b>Drawing Number:</b><br>BP-GBR-MORG-REG-0204 |
|--|---|-----------------------|---|--|--|------------------|-------------------------|---|--------------------|------------------|--------------------|--|

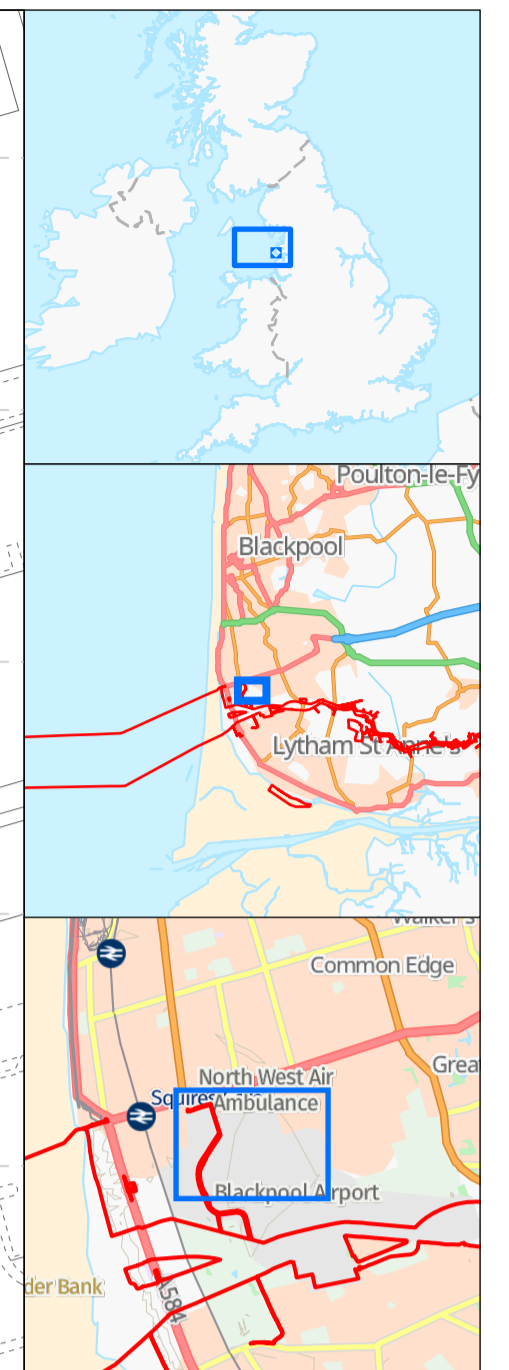
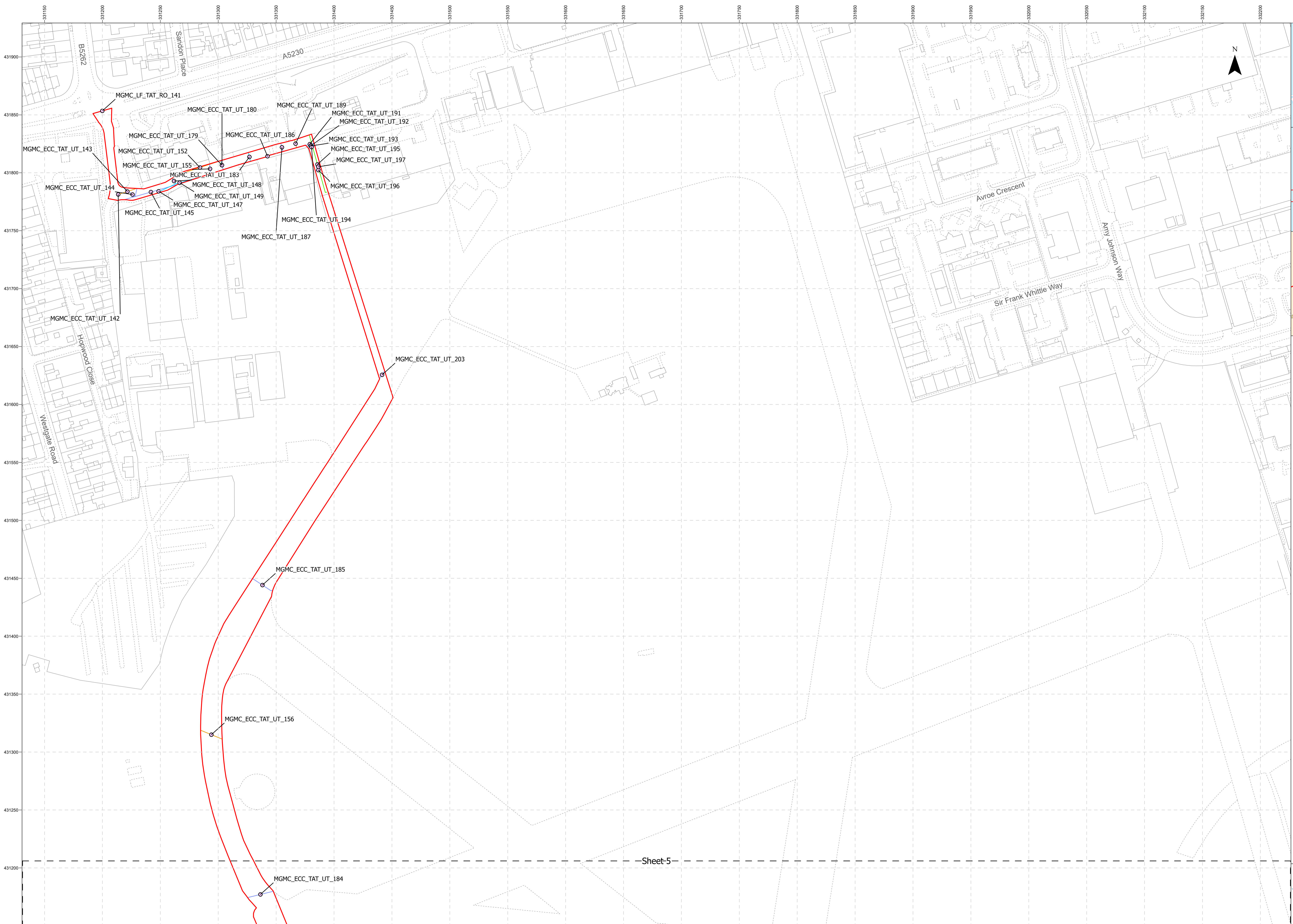


- Adjacent Sheet
- Order Limits
- Obstacle Crossing Point
- Obstacle**
- Road
- Electric
- Gas
- Sewerage
- Telecom

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| <b>Project Name:</b><br>MORGAN AND MORECAMBE OFFSHORE WIND FARMS:<br>TRANSMISSION ASSETS | <b>Drawing Title:</b><br>OBSTACLE CROSSING PLAN - SHEET 3A OF 36 | <p>Scale@A1: 1:250</p>  | <b>Geodetic Information:</b><br>Datum: OSGB 1936<br>Projection: British National Grid | <b>Data Sources:</b> BP, Ordnance Survey<br><br>Based Upon The Ordnance Survey Map With The Sanction Of The Controller Of HM Stationary Office. Crown Copyright Reserved. © OS Licence No. 100042124 | <b>Service Layer Credits:</b> GB Cartographic Local Names: Contains OS data © Crown Copyright and database right 2022<br>Contains data from OS Zoomstack | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>VER</th> <th>DATE</th> <th>DETAILS</th> <th>AUTH</th> <th>CHK</th> <th>APPRV</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>22/09/24</td> <td>Final at DCO Submission</td> <td>HAH</td> <td>LM</td> <td>AS</td> </tr> </tbody> </table> | VER | DATE | DETAILS | AUTH | CHK | APPRV | 01 | 22/09/24 | Final at DCO Submission | HAH | LM | AS | <b>Drawing Number:</b><br>BP-GBR-MORG-REG-0204 |
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| VER  | DATE   | DETAILS                 | AUTH  | CHK  | APPRV  |   |     |      |         |      |     |       |    |          |                         |     |    |    |  |
| 01   | 22/09/24   | Final at DCO Submission | HAH   | LM   | AS   |   |     |      |         |      |     |       |    |          |                         |     |    |    |  |

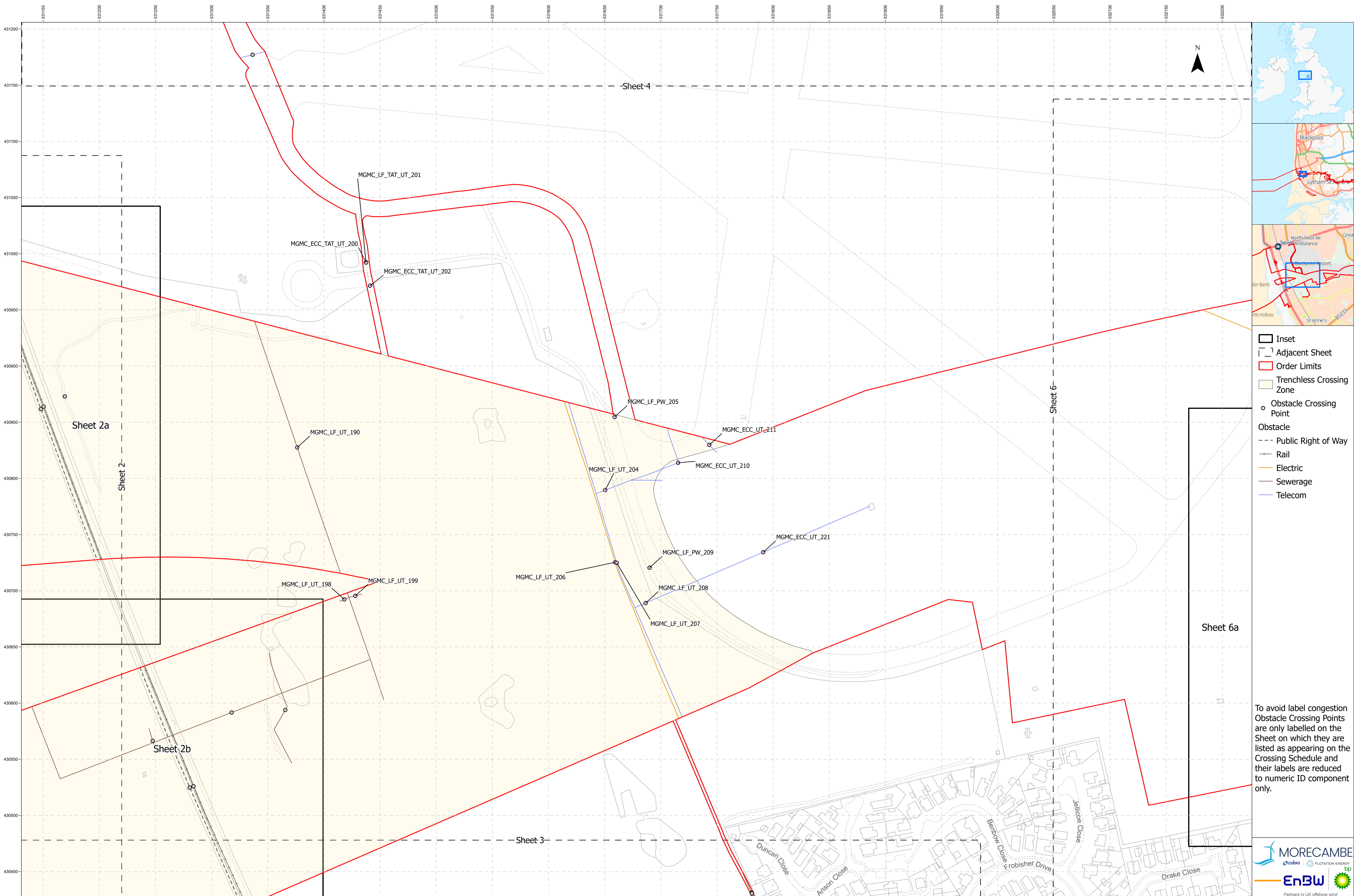


- ┌ ┐ Adjacent Sheet
- ▭ Order Limits
- Obstacle Crossing Point
- Obstacle
- Electric
- Gas
- Telecom
- Water

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| <b>Project Name:</b><br>MORGAN AND MORECAMBE OFFSHORE WIND FARMS:<br>TRANSMISSION ASSETS | <b>Drawing Title:</b><br>OBSTACLE CROSSING PLAN - SHEET 4 OF 36 | <br>Scale@A1: 1:1,500   | <b>Geodetic Information:</b><br>Datum: OSGB 1936<br>Projection: British National Grid | <b>Data Sources:</b> BP, Ordnance Survey<br><br>Based Upon The Ordnance Survey Map With The Sanction Of The Controller Of HM Stationery Office. Crown Copyright Reserved. © OS Licence No. 100042124 | <b>Service Layer Credits:</b> GB Cartographic Local Names: Contains OS data © Crown Copyright and database right 2022. Contains data from OS Zoomstack | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>VER</th> <th>DATE</th> <th>DETAILS</th> <th>AUTH</th> <th>CHK</th> <th>APPRV</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">01</td> <td style="text-align: center;">22/09/24</td> <td style="text-align: center;">Final at DCO Submission</td> <td style="text-align: center;">HAH</td> <td style="text-align: center;">LM</td> <td style="text-align: center;">AS</td> </tr> </tbody> </table> | VER | DATE | DETAILS | AUTH | CHK | APPRV | 01 | 22/09/24 | Final at DCO Submission | HAH | LM | AS | <b>Drawing Number:</b><br>BP-GBR-MORG-REG-0204 |
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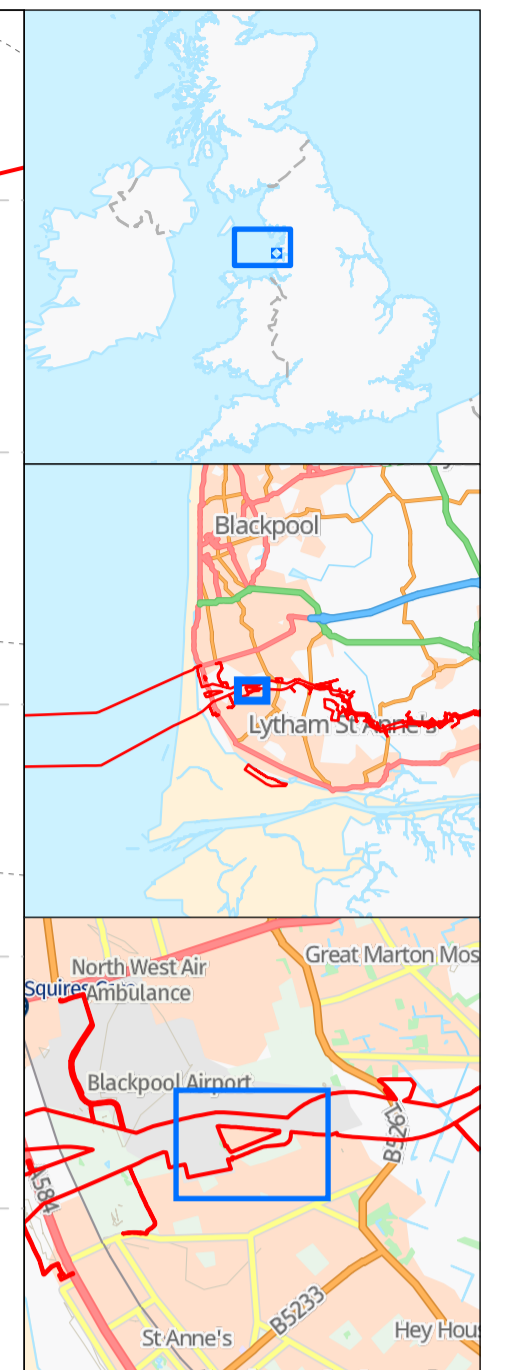
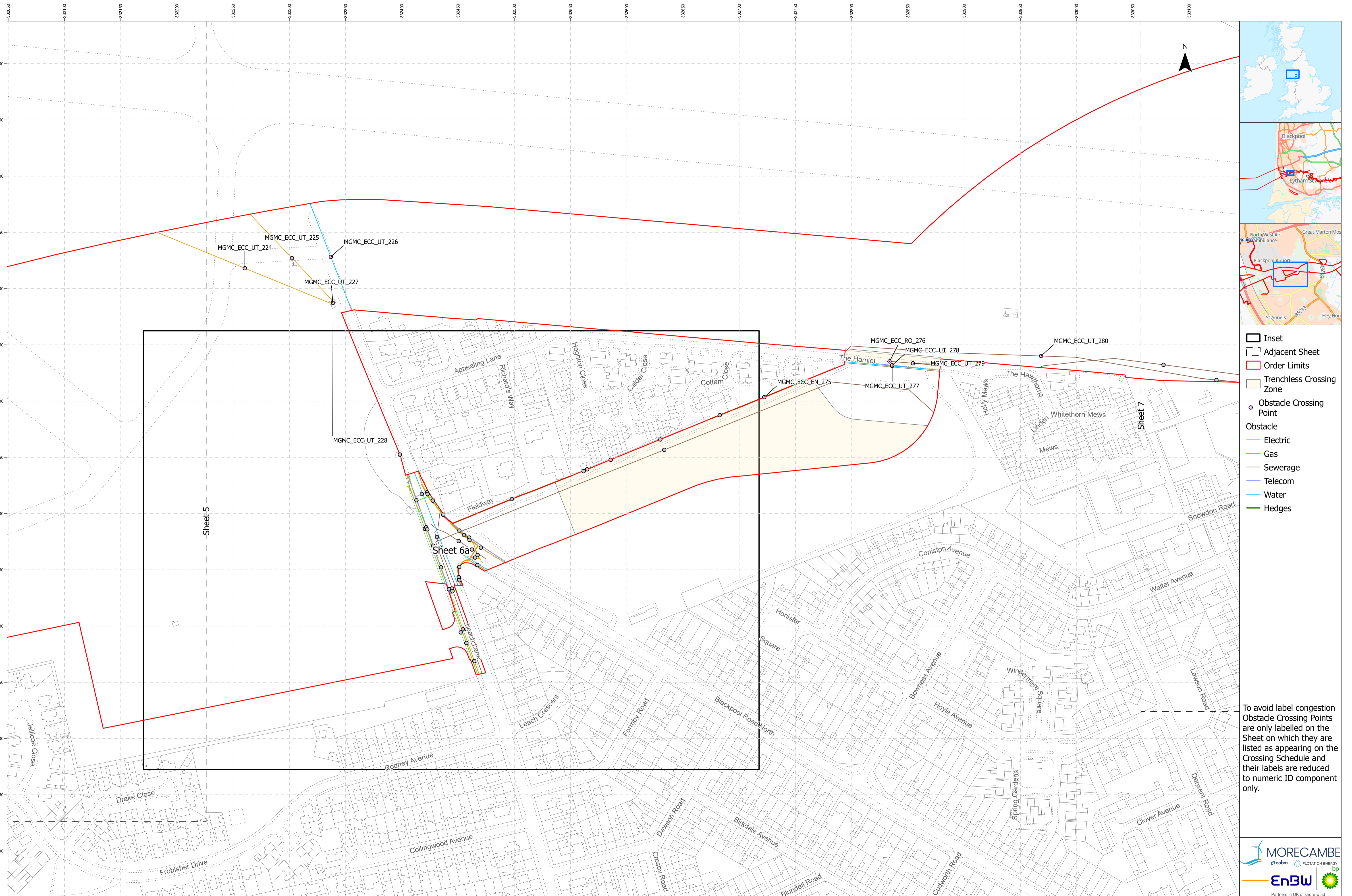


- Inset
- Adjacent Sheet
- Order Limits
- Trenchless Crossing Zone
- Obstacle Crossing Point
- Obstacle
- Public Right of Way
- Rail
- Electric
- Sewerage
- Telecom

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| <b>Project Name:</b><br>MORGAN AND MORECAMBE OFFSHORE WIND FARMS:<br>TRANSMISSION ASSETS | <b>Drawing Title:</b><br>OBSTACLE CROSSING PLAN - SHEET 5 OF 36 | <br>Scale@A1: 1:1,500   | <b>Geodetic Information:</b><br>Datum: OSGB 1936<br>Projection: British National Grid | <b>Data Sources:</b> BP, Ordnance Survey<br>Based Upon The Ordnance Survey Map With The Sanction Of The Controller Of HM Stationery Office. Crown Copyright Reserved. © OS Licence No. 100042124 | <b>Service Layer Credits:</b> GB Cartographic Local Names: Contains OS data © Crown Copyright and database right 2022. Contains data from OS Zoomstack | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>VER</th> <th>DATE</th> <th>DETAILS</th> <th>AUTH</th> <th>CHK</th> <th>APPRV</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">01</td> <td style="text-align: center;">22/09/24</td> <td style="text-align: center;">Final at DCO Submission</td> <td style="text-align: center;">HAH</td> <td style="text-align: center;">LM</td> <td style="text-align: center;">AS</td> </tr> </tbody> </table> | VER | DATE | DETAILS | AUTH | CHK | APPRV | 01 | 22/09/24 | Final at DCO Submission | HAH | LM | AS | <b>Drawing Number:</b><br>BP-GBR-MORG-REG-0204 |
|--|---|-------------------------|---|--|--|---|-----|------|---------|------|-----|-------|----|----------|-------------------------|-----|----|----|--|
| VER  | DATE  | DETAILS                 | AUTH  | CHK  | APPRV  |   |     |      |         |      |     |       |    |          |                         |     |    |    |  |
| 01   | 22/09/24  | Final at DCO Submission | HAH   | LM   | AS   |   |     |      |         |      |     |       |    |          |                         |     |    |    |  |



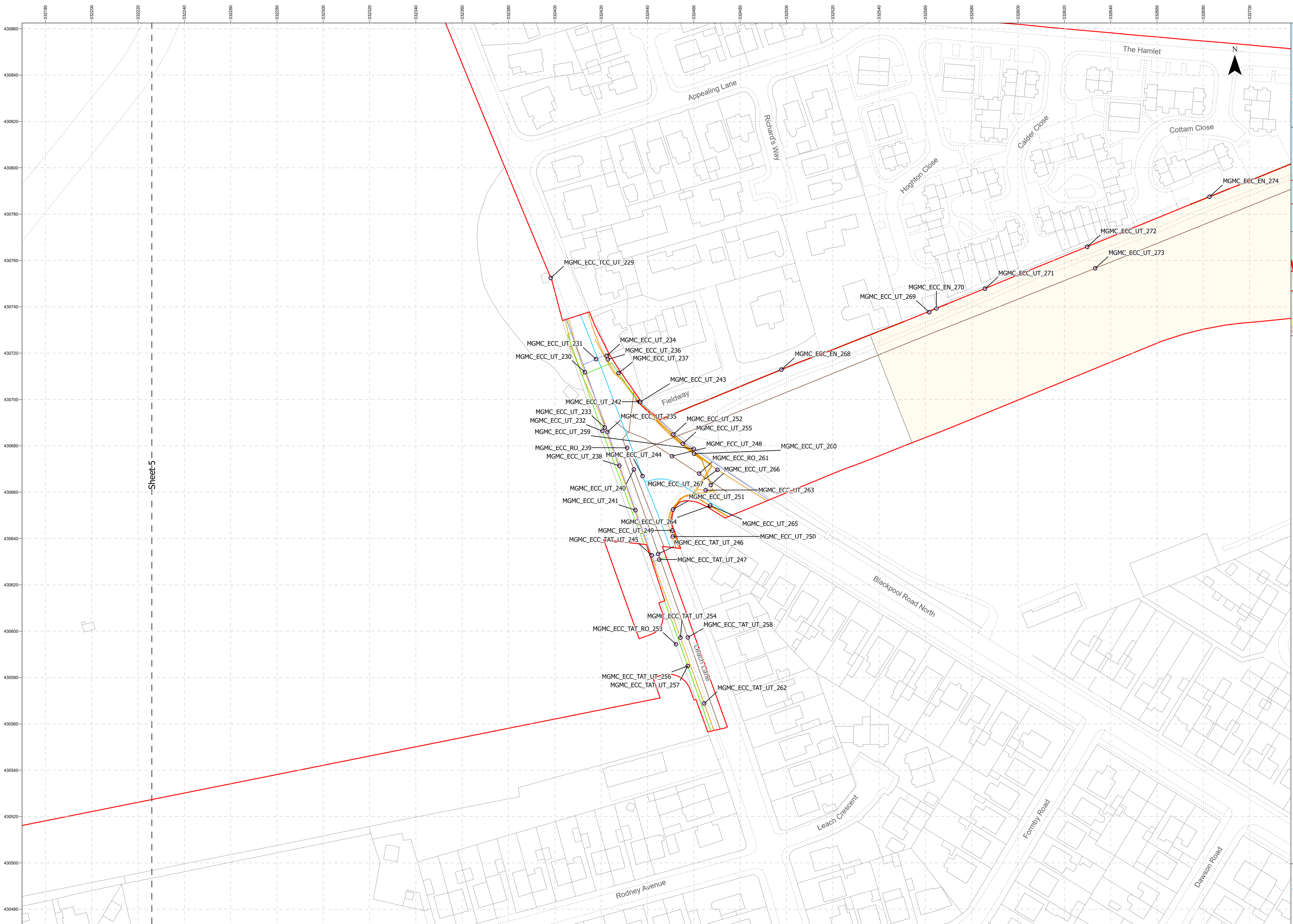


- Inset
- Adjacent Sheet
- Order Limits
- Trenchless Crossing Zone
- Obstacle Crossing Point
- Obstacle
- Electric
- Gas
- Sewerage
- Telecom
- Water
- Hedges

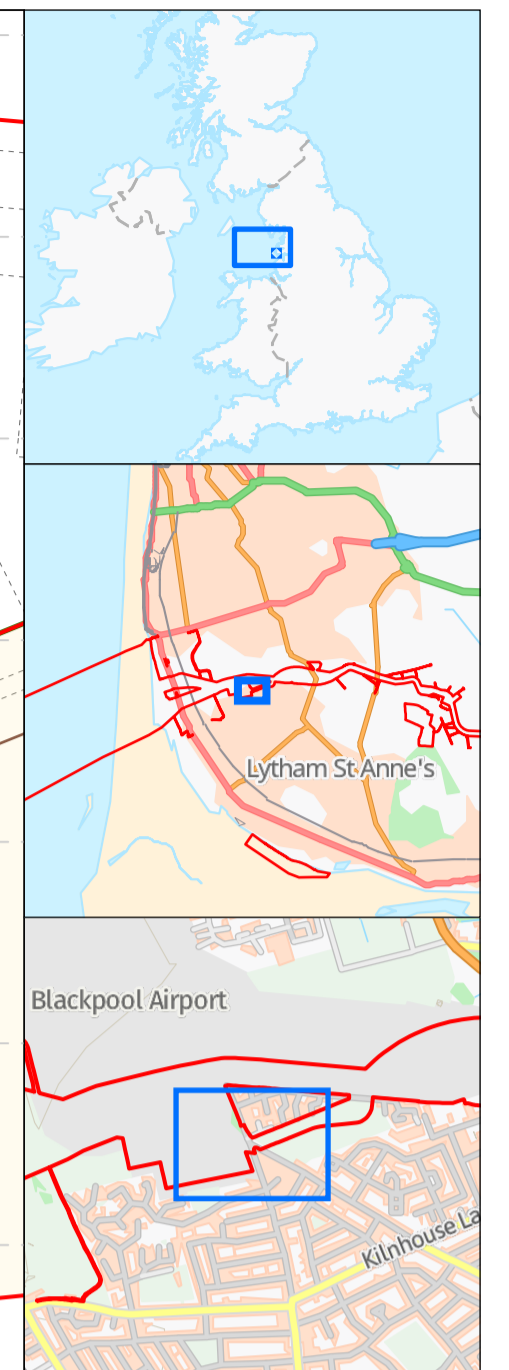
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|  |   |                       |   |  |  |                  |                         |   |                    |                  |                    |  |
|--|---|-----------------------|---|--|--|------------------|-------------------------|---|--------------------|------------------|--------------------|--|
| <b>Project Name:</b><br>MORGAN AND MORECAMBE OFFSHORE WIND FARMS:<br>TRANSMISSION ASSETS | <b>Drawing Title:</b><br>OBSTACLE CROSSING PLAN - SHEET 6 OF 36 | <br>Scale@A1: 1:1,500 | <b>Geodetic Information:</b><br>Datum: OSGB 1936<br>Projection: British National Grid | <b>Data Sources:</b> BP, Ordnance Survey<br>Based Upon The Ordnance Survey Map With The Sanction Of The<br>Controller Of HM Stationery Office. Crown Copyright Reserved. © OS<br>Licence No. 100042124 | <b>Service Layer Credits:</b> GB Cartographic Local Names:<br>Contains OS data © Crown Copyright and database right<br>2022<br>Contains data from OS Zoomstack | <b>VER</b><br>01 | <b>DATE</b><br>22/09/24 | <b>DETAILS</b><br>Final at DCO Submission | <b>AUTH</b><br>HAH | <b>CHK</b><br>LM | <b>APPRV</b><br>AS | <b>Drawing Number:</b><br>BP-GBR-MORG-REG-0204 |
|--|---|-----------------------|---|--|--|------------------|-------------------------|---|--------------------|------------------|--------------------|--|



Sheet 5

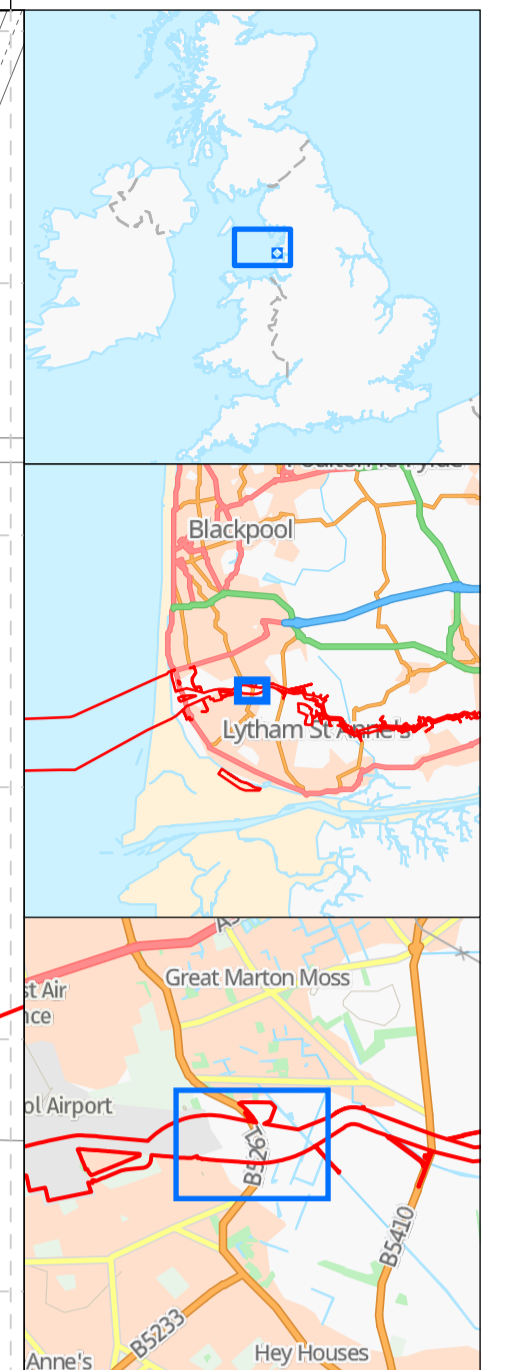
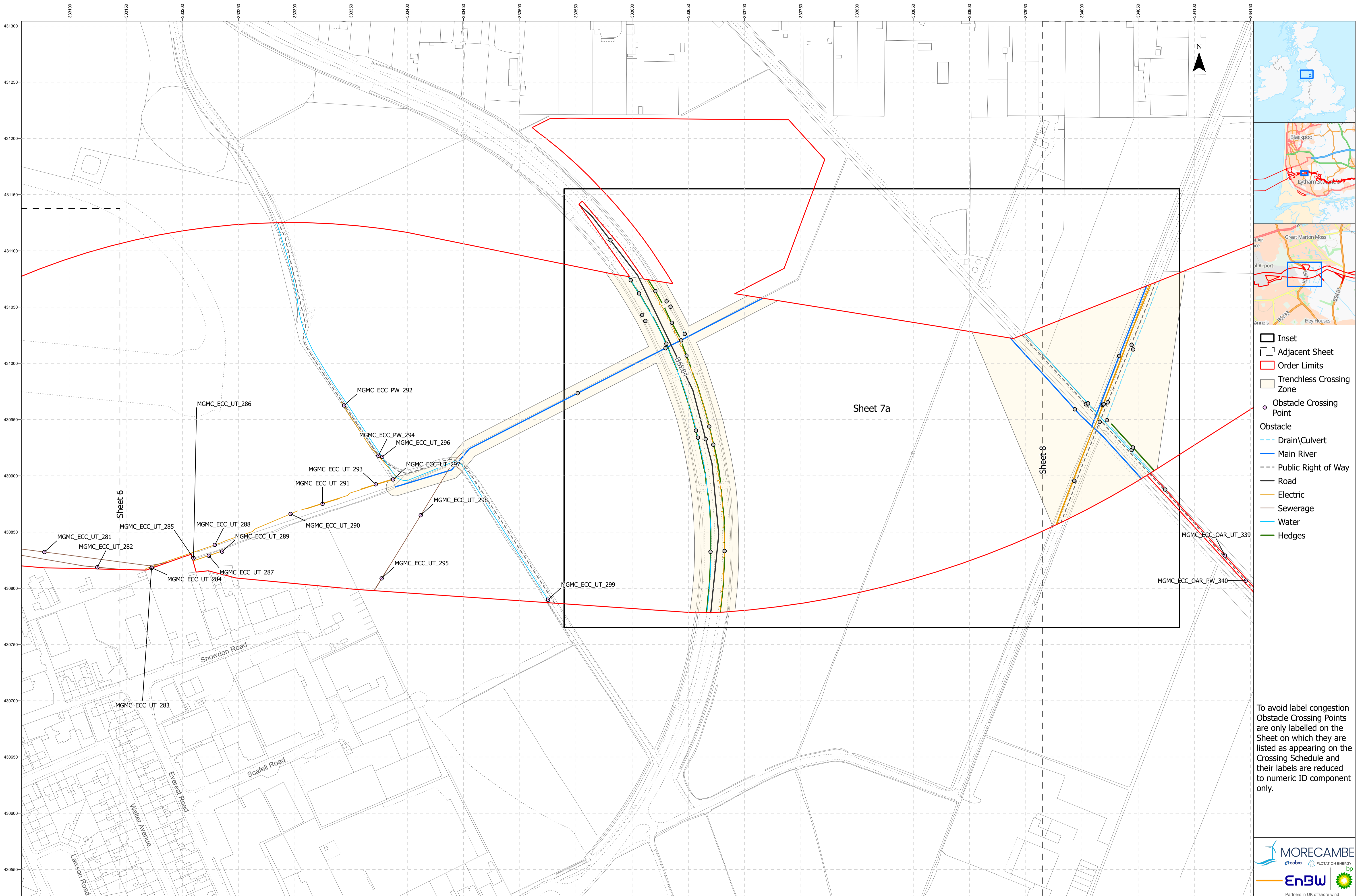


- Adjacent Sheet
- Order Limits
- Trenchless Crossing Zone
- Obstacle Crossing Point
- Obstacle**
- Electric
- Gas
- Sewerage
- Telecom
- Water
- Hedges

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| <b>Project Name:</b><br>MORGAN AND MORECAMBE OFFSHORE WIND FARMS:<br>TRANSMISSION ASSETS | <b>Drawing Title:</b><br>OBSTACLE CROSSING PLAN - SHEET 6A OF 36 | <br>Scale@A1: 1:750     | <b>Geodetic Information:</b><br>Datum: OSGB 1936<br>Projection: British National Grid | <b>Data Sources:</b> BP, Ordnance Survey<br><br>Based Upon The Ordnance Survey Map With The Sanction Of The<br>Controller Of HM Stationery Office. Crown Copyright Reserved. © OS<br>Licence No. 100042124 | <b>Service Layer Credits:</b> GB Cartographic Local Names:<br>Contains OS data © Crown Copyright and database right<br>2022<br>Contains data from OS Zoomstack | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>VER</th> <th>DATE</th> <th>DETAILS</th> <th>AUTH</th> <th>CHK</th> <th>APPRV</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>22/09/24</td> <td>Final at DCO Submission</td> <td>HAH</td> <td>LM</td> <td>AS</td> </tr> </tbody> </table> | VER | DATE | DETAILS | AUTH | CHK | APPRV | 01 | 22/09/24 | Final at DCO Submission | HAH | LM | AS | <b>Drawing Number:</b><br>BP-GBR-MORG-REG-0204 |
|--|--|-------------------------|---|--|--|---|-----|------|---------|------|-----|-------|----|----------|-------------------------|-----|----|----|--|
| VER  | DATE   | DETAILS                 | AUTH  | CHK  | APPRV  |   |     |      |         |      |     |       |    |          |                         |     |    |    |  |
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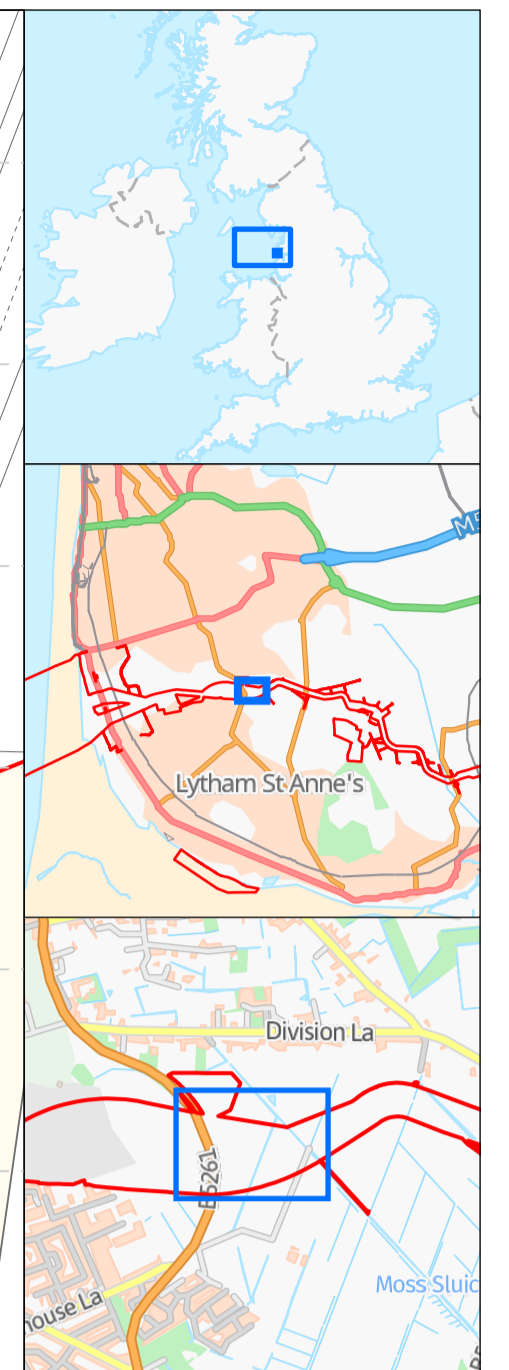
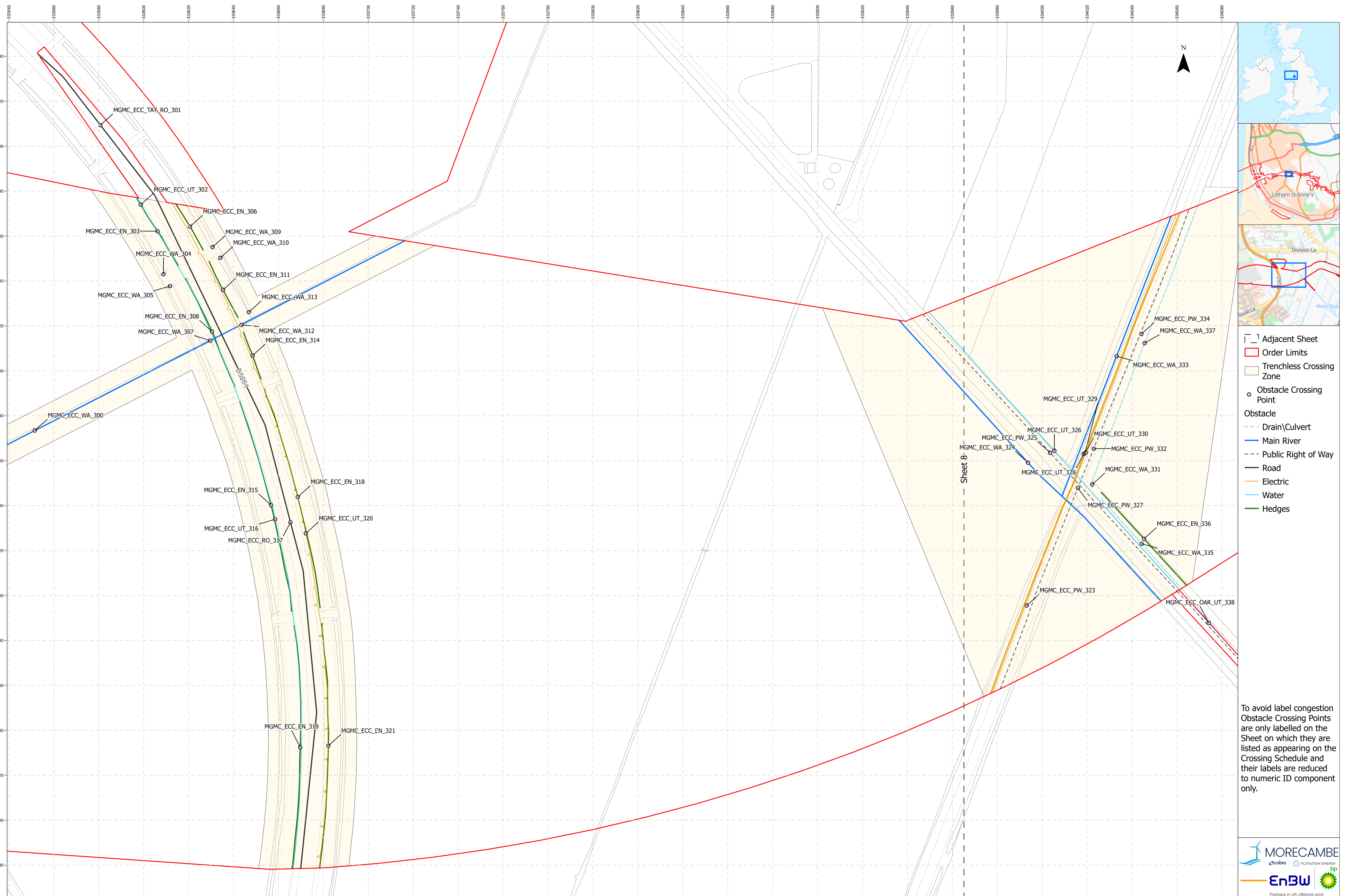


- Inset
- Adjacent Sheet
- Order Limits
- Trenchless Crossing Zone
- Obstacle Crossing Point
- Obstacle
- Drain/Culvert
- Main River
- Public Right of Way
- Road
- Electric
- Sewerage
- Water
- Hedges

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| <b>Project Name:</b><br>MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS | <b>Drawing Title:</b><br>OBSTACLE CROSSING PLAN - SHEET 7 OF 36 | 0 40 80 Meters<br>Scale@A1: 1:1,500 | <b>Geodetic Information:</b><br>Datum: OSGB 1936<br>Projection: British National Grid | <b>Data Sources:</b> BP, Ordnance Survey<br>Based Upon The Ordnance Survey Map With The Sanction Of The Controller Of HM Stationery Office. Crown Copyright Reserved. © OS Licence No. 100042124 | <b>Service Layer Credits:</b> GB Cartographic Local Names: Contains OS data © Crown Copyright and database right 2022<br>Contains data from OS Zoomstack | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>VER</th> <th>DATE</th> <th>DETAILS</th> <th>AUTH</th> <th>CHK</th> <th>APPRV</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>22/09/24</td> <td>Final at DCO Submission</td> <td>HAA</td> <td>LM</td> <td>AS</td> </tr> </tbody> </table> | VER | DATE | DETAILS | AUTH | CHK | APPRV | 01 | 22/09/24 | Final at DCO Submission | HAA | LM | AS | <b>Drawing Number:</b><br>BP-GBR-MORG-REG-0204 |
|---|---|-------------------------------------|---|--|--|---|-----|------|---------|------|-----|-------|----|----------|-------------------------|-----|----|----|--|
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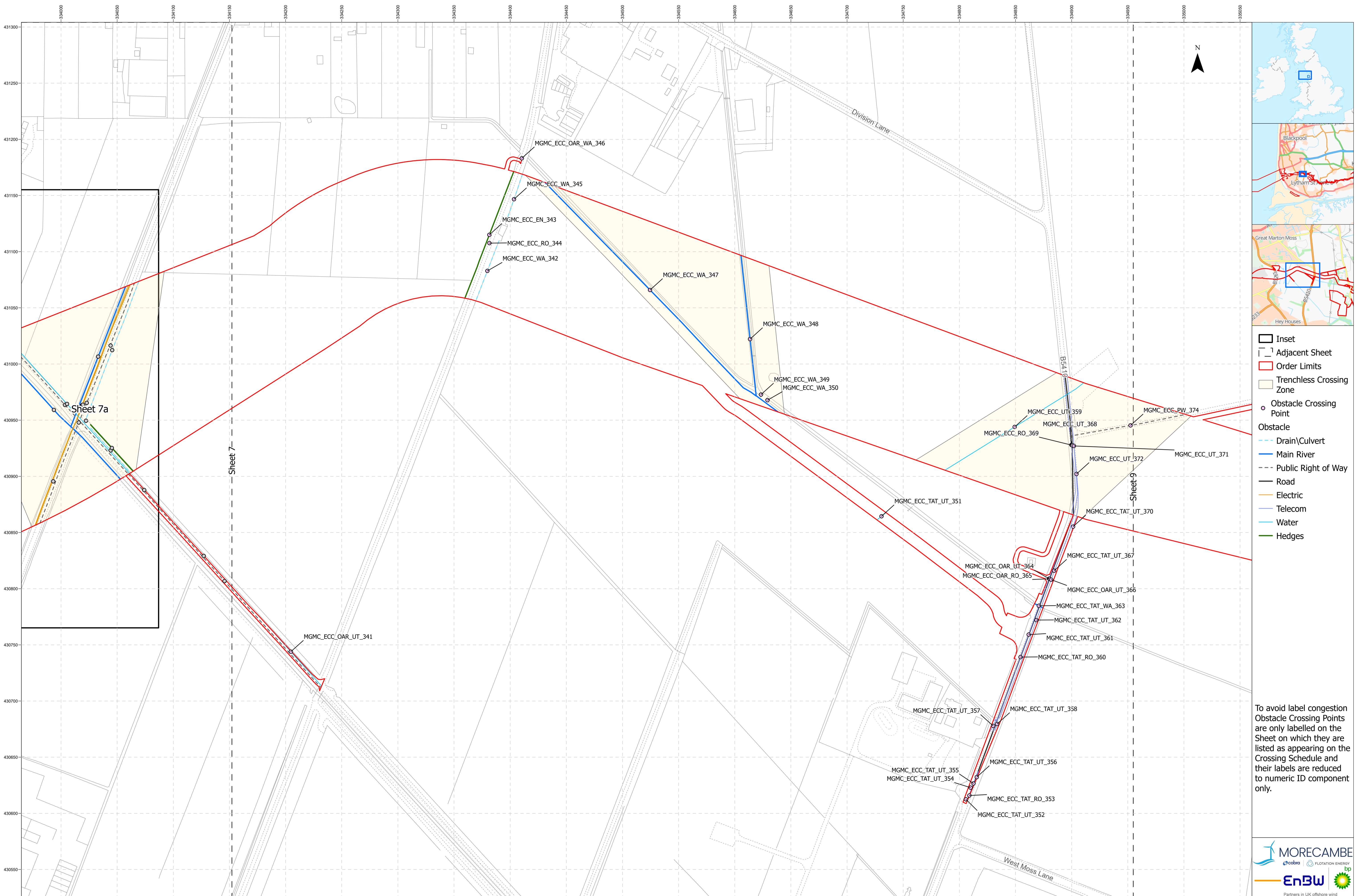
- Adjacent Sheet
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| <b>Project Name:</b><br>MORGAN AND MORECAMBE OFFSHORE WIND FARMS:<br>TRANSMISSION ASSETS | <b>Drawing Title:</b><br>OBSTACLE CROSSING PLAN - SHEET 7A OF 36 | <br>Scale@A1: 1:750     | <b>Geodetic Information:</b><br>Datum: OSGB 1936<br>Projection: British National Grid | <b>Data Sources:</b> BP, Ordnance Survey<br><small>Based Upon The Ordnance Survey Map With The Sanction Of The<br/>Controller Of HM Stationery Office. Crown Copyright Reserved. © OS<br/>Licence No. 100042124</small> | <b>Service Layer Credits:</b> GB Cartographic Local Names:<br><small>Contains OS data © Crown Copyright and database right<br/>2022<br/>Contains data from OS Zoomstack</small> | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>VER</th> <th>DATE</th> <th>DETAILS</th> <th>AUTH</th> <th>CHK</th> <th>APPRV</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>22/09/24</td> <td>Final at DCO Submission</td> <td>HAH</td> <td>LM</td> <td>AS</td> </tr> </tbody> </table> | VER | DATE | DETAILS | AUTH | CHK | APPRV | 01 | 22/09/24 | Final at DCO Submission | HAH | LM | AS | <b>Drawing Number:</b><br>BP-GBR-MORG-REG-0204 |
|--|--|-------------------------|---|---|---|---|-----|------|---------|------|-----|-------|----|----------|-------------------------|-----|----|----|--|
| VER  | DATE   | DETAILS                 | AUTH  | CHK   | APPRV   |   |     |      |         |      |     |       |    |          |                         |     |    |    |  |
| 01   | 22/09/24   | Final at DCO Submission | HAH   | LM  | AS  |   |     |      |         |      |     |       |    |          |                         |     |    |    |  |



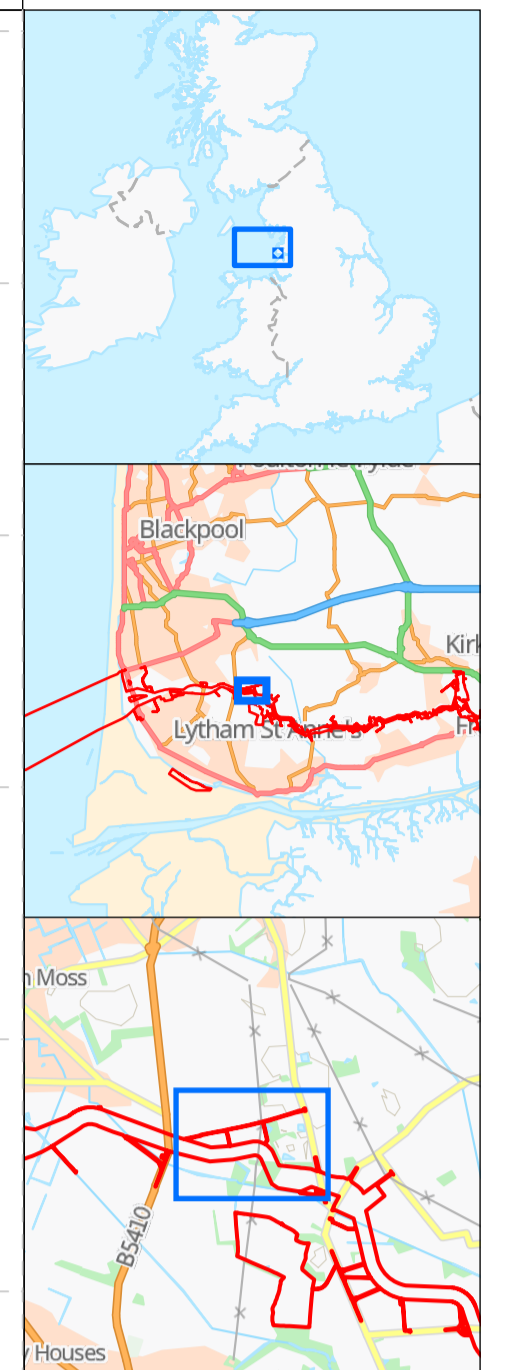
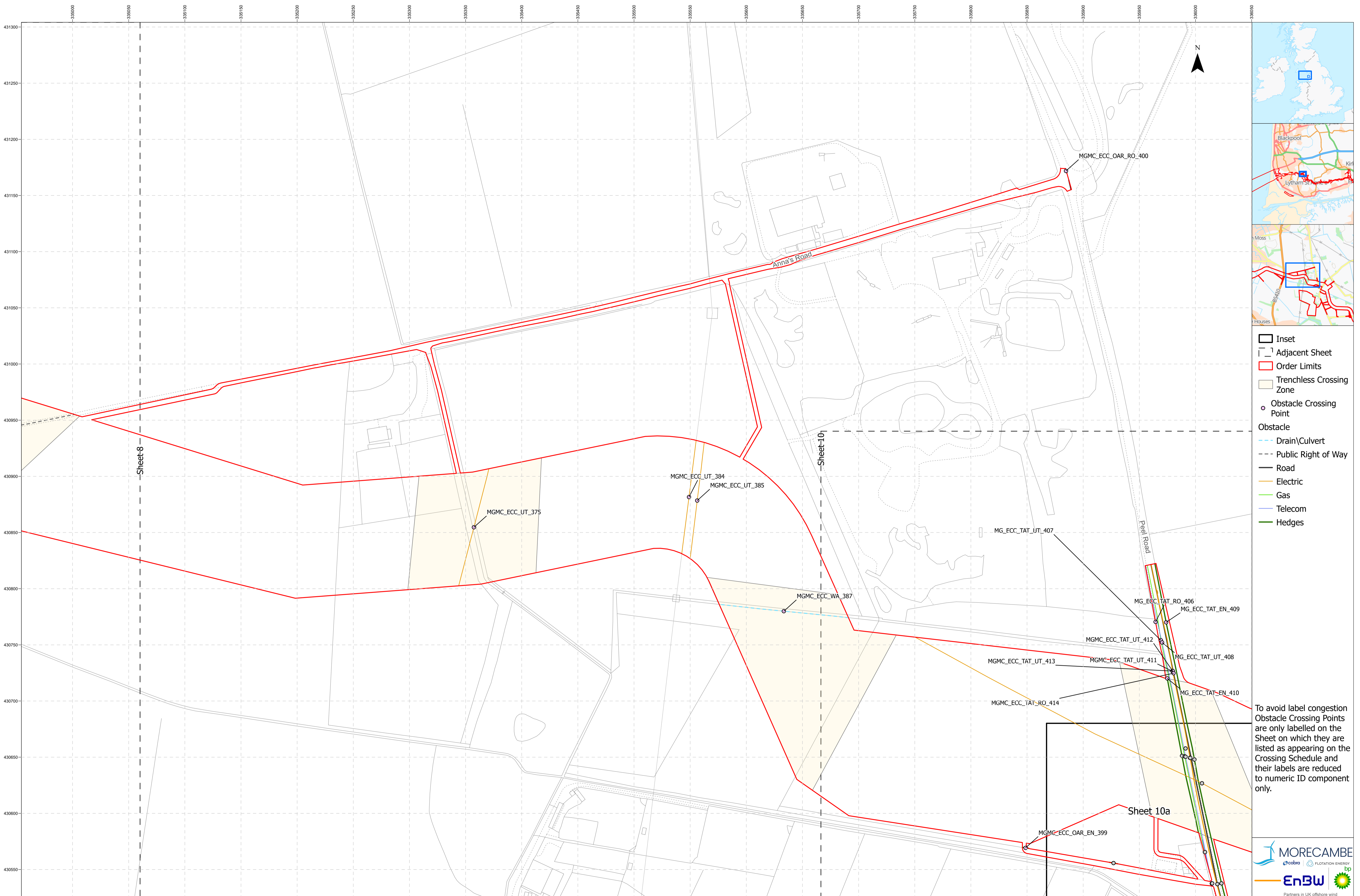


- Inset
- Adjacent Sheet
- Order Limits
- Trenchless Crossing Zone
- Obstacle Crossing Point
- Obstacle
- Drain/Culvert
- Main River
- Public Right of Way
- Road
- Electric
- Telecom
- Water
- Hedges

To avoid label congestion Obstacle Crossing Points are only labelled on the Sheet on which they are listed as appearing on the Crossing Schedule and their labels are reduced to numeric ID component only.



| <b>Project Name:</b><br>MORGAN AND MORECAMBE OFFSHORE WIND FARMS:<br>TRANSMISSION ASSETS | <b>Drawing Title:</b><br>OBSTACLE CROSSING PLAN - SHEET 8 OF 36 | 0      40      80 Meters<br>Scale@A1: 1:1,500 | <b>Geodetic Information:</b><br>Datum: OSGB 1936<br>Projection: British National Grid | <b>Data Sources:</b> BP, Ordnance Survey<br>Based Upon The Ordnance Survey Map With The Sanction Of The Controller Of HM Stationery Office. Crown Copyright Reserved. © OS Licence No. 100042124 | <b>Service Layer Credits:</b> GB Cartographic Local Names: Contains OS data © Crown Copyright and database right 2022<br>Contains data from OS Zoomstack | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>VER</th> <th>DATE</th> <th>DETAILS</th> <th>AUTH</th> <th>CHK</th> <th>APPRV</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">01</td> <td style="text-align: center;">22/09/24</td> <td style="text-align: center;">Final at DCO Submission</td> <td style="text-align: center;">HAH</td> <td style="text-align: center;">LM</td> <td style="text-align: center;">AS</td> </tr> </tbody> </table> | VER | DATE | DETAILS | AUTH | CHK | APPRV | 01 | 22/09/24 | Final at DCO Submission | HAH | LM | AS | <b>Drawing Number:</b><br>BP-GBR-MORG-REG-0204 |
|--|---|---|---|--|--|---|-----|------|---------|------|-----|-------|----|----------|-------------------------|-----|----|----|--|
| VER  | DATE  | DETAILS                                       | AUTH  | CHK  | APPRV  |   |     |      |         |      |     |       |    |          |                         |     |    |    |  |
| 01   | 22/09/24  | Final at DCO Submission                       | HAH   | LM   | AS   |   |     |      |         |      |     |       |    |          |                         |     |    |    |  |

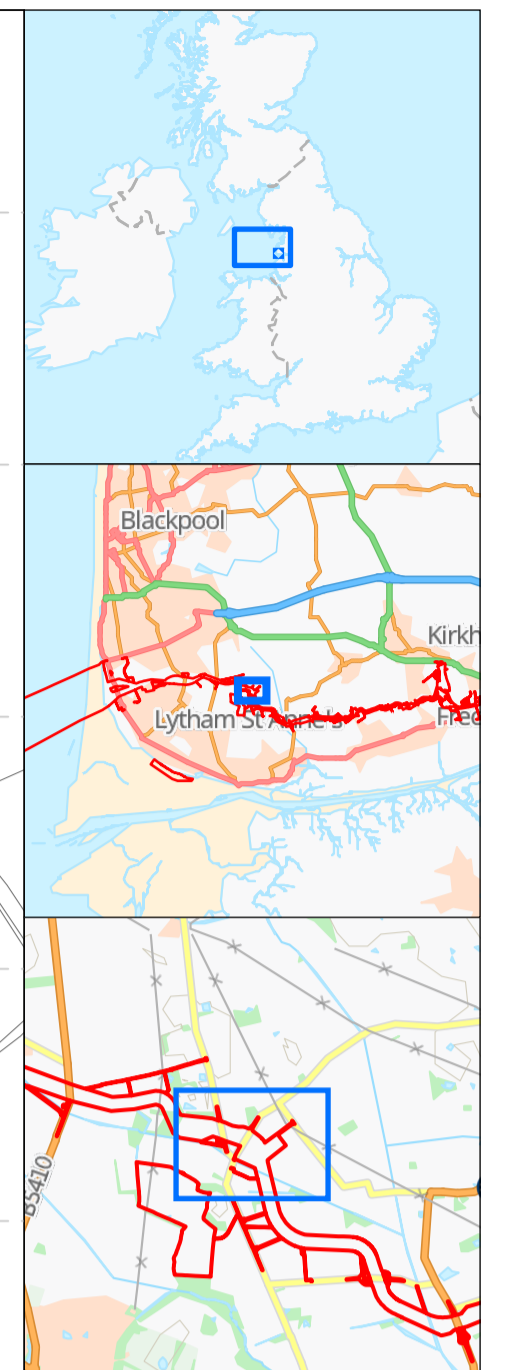
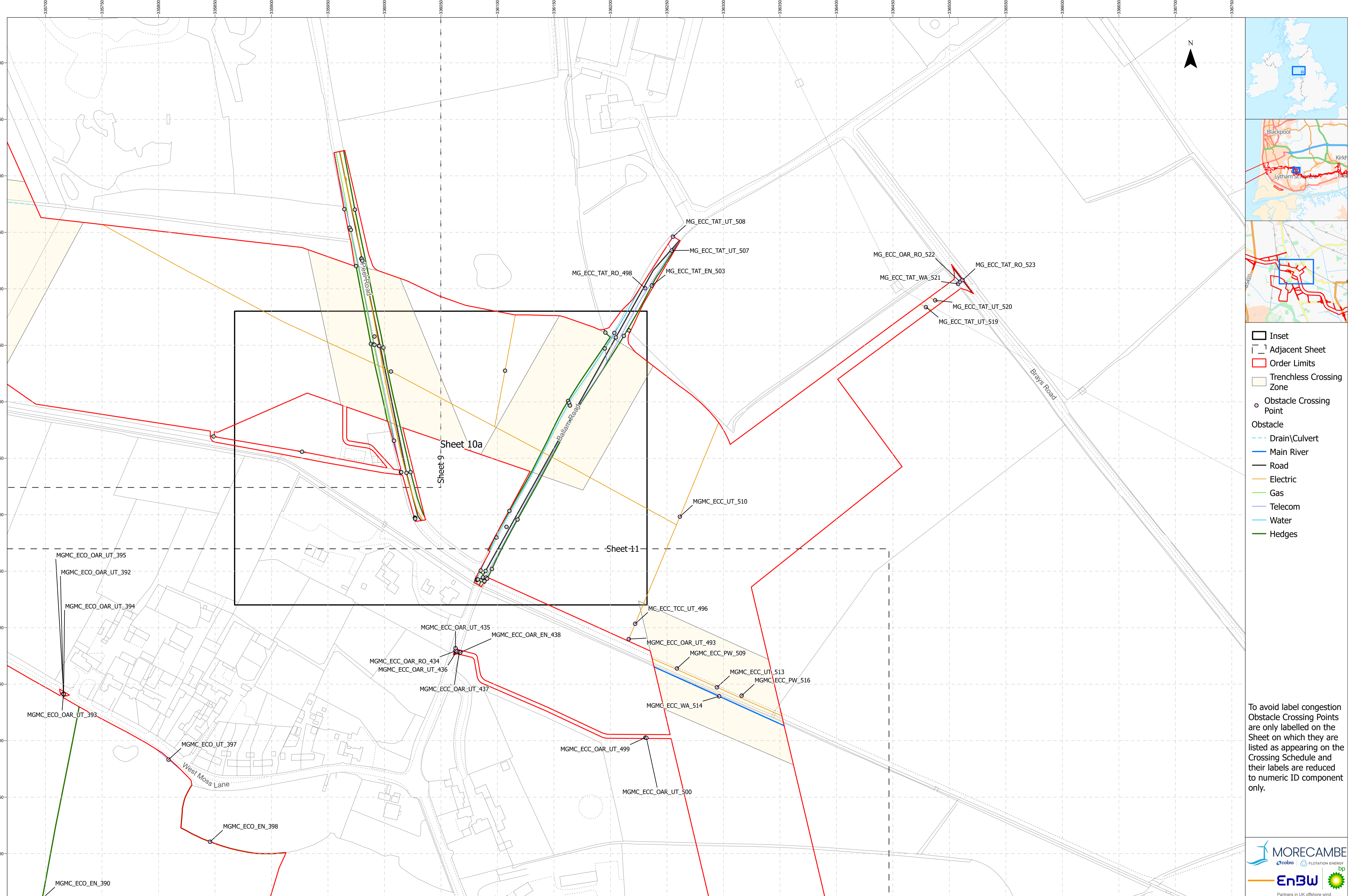


- Inset
- Adjacent Sheet
- Order Limits
- Trenchless Crossing Zone
- Obstacle Crossing Point
- Obstacle
- Drain/Culvert
- Public Right of Way
- Road
- Electric
- Gas
- Telecom
- Hedges

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| <b>Project Name:</b><br>MORGAN AND MORECAMBE OFFSHORE WIND FARMS:<br>TRANSMISSION ASSETS | <b>Drawing Title:</b><br>OBSTACLE CROSSING PLAN - SHEET 9 OF 36 | <br>Scale@A1: 1:1,500   | <b>Geodetic Information:</b><br>Datum: OSGB 1936<br>Projection: British National Grid | <b>Data Sources:</b> BP, Ordnance Survey<br>Based Upon The Ordnance Survey Map With The Sanction Of The<br>Controller Of HM Stationery Office. Crown Copyright Reserved. © OS<br>Licence No. 100042124 | <b>Service Layer Credits:</b> GB Cartographic Local Names:<br>Contains OS data © Crown Copyright and database right<br>2022<br>Contains data from OS Zoomstack | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>VER</th> <th>DATE</th> <th>DETAILS</th> <th>AUTH</th> <th>CHK</th> <th>APPRV</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>22/09/24</td> <td>Final at DCO Submission</td> <td>HAH</td> <td>LM</td> <td>AS</td> </tr> </tbody> </table> | VER | DATE | DETAILS | AUTH | CHK | APPRV | 01 | 22/09/24 | Final at DCO Submission | HAH | LM | AS | <b>Drawing Number:</b><br>BP-GBR-MORG-REG-0204 |
|--|---|-------------------------|---|--|--|---|-----|------|---------|------|-----|-------|----|----------|-------------------------|-----|----|----|--|
| VER  | DATE  | DETAILS                 | AUTH  | CHK  | APPRV  |   |     |      |         |      |     |       |    |          |                         |     |    |    |  |
| 01   | 22/09/24  | Final at DCO Submission | HAH   | LM   | AS   |   |     |      |         |      |     |       |    |          |                         |     |    |    |  |



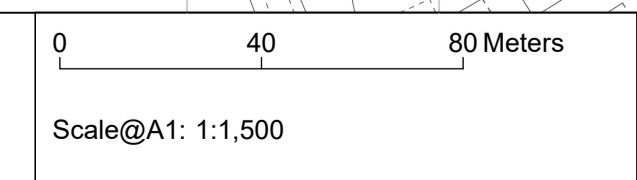
- Inset
- Adjacent Sheet
- Order Limits
- Trenchless Crossing Zone
- Obstacle Crossing Point
- Obstacle
- Drain/Culvert
- Main River
- Road
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- Gas
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**Project Name:**  
MORGAN AND MORECAMBE OFFSHORE WIND FARMS:  
TRANSMISSION ASSETS

**Drawing Title:**  
OBSTACLE CROSSING PLAN - SHEET 10 OF 36



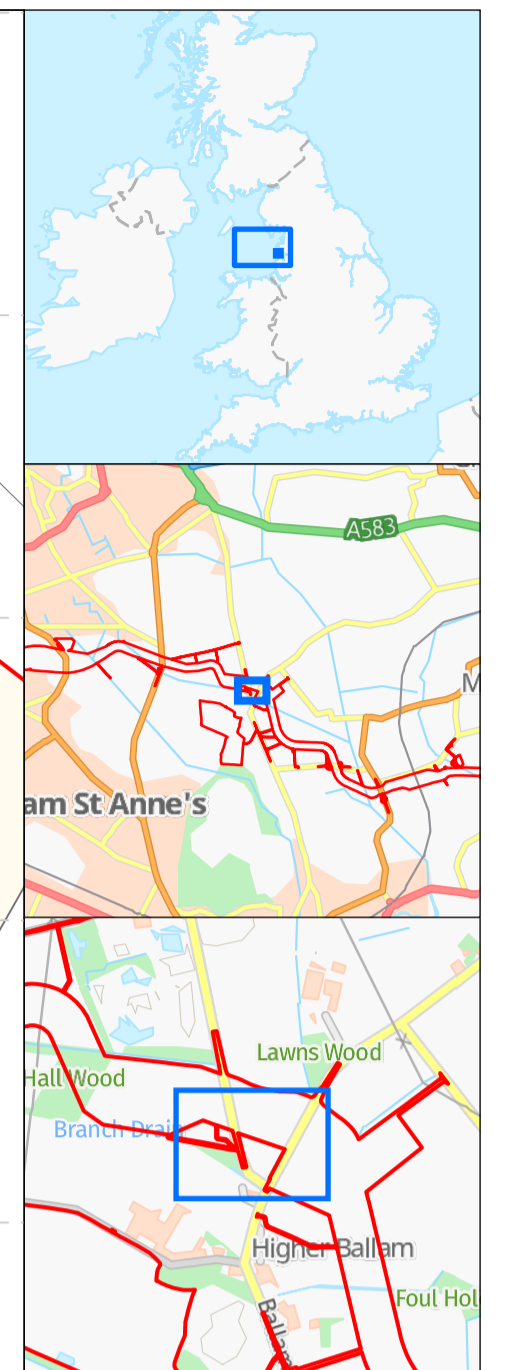
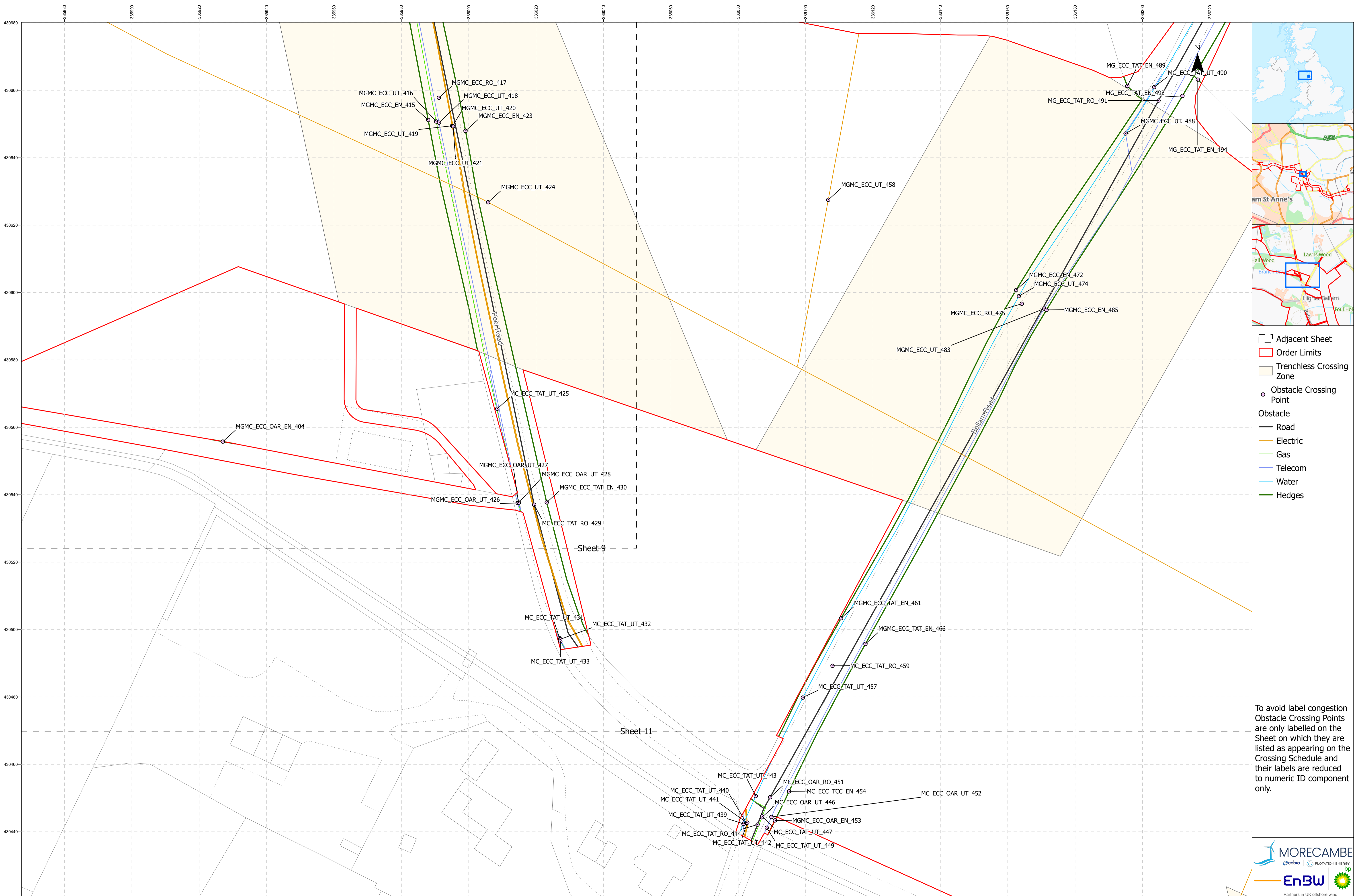
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Datum: OSGB 1936  
Projection: British National Grid

**Data Sources:** BP, Ordnance Survey  
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| VER | DATE     | DETAILS                 | AUTH | CHK | APPRV |
|-----|----------|-------------------------|------|-----|-------|
| 01  | 22/09/24 | Final at DCO Submission | HAH  | LM  | AS    |

**Drawing Number:**  
BP-GBR-MORG-REG-0204

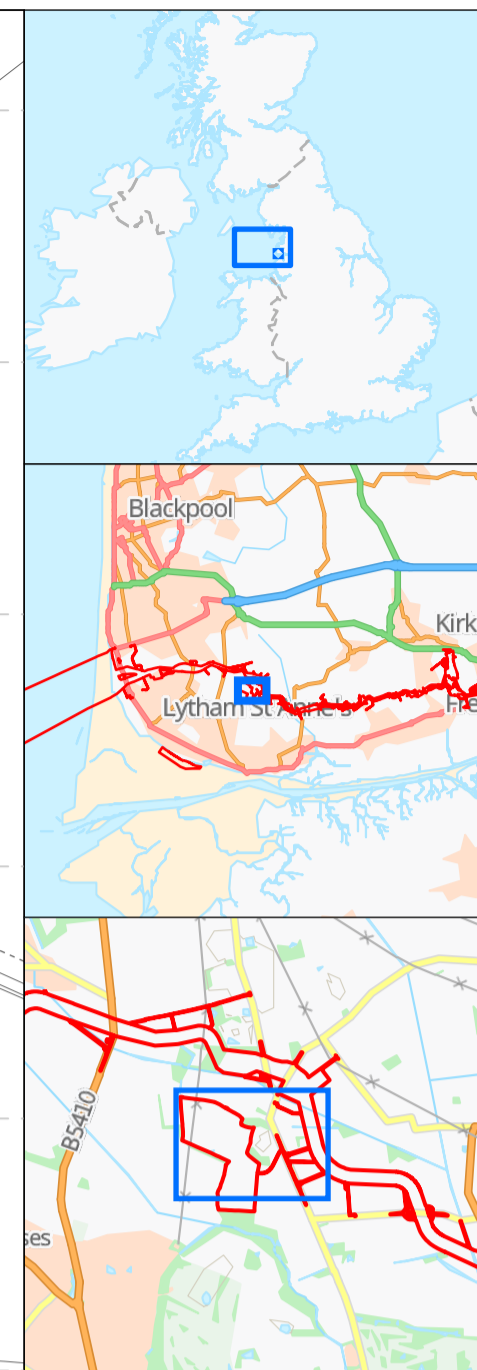
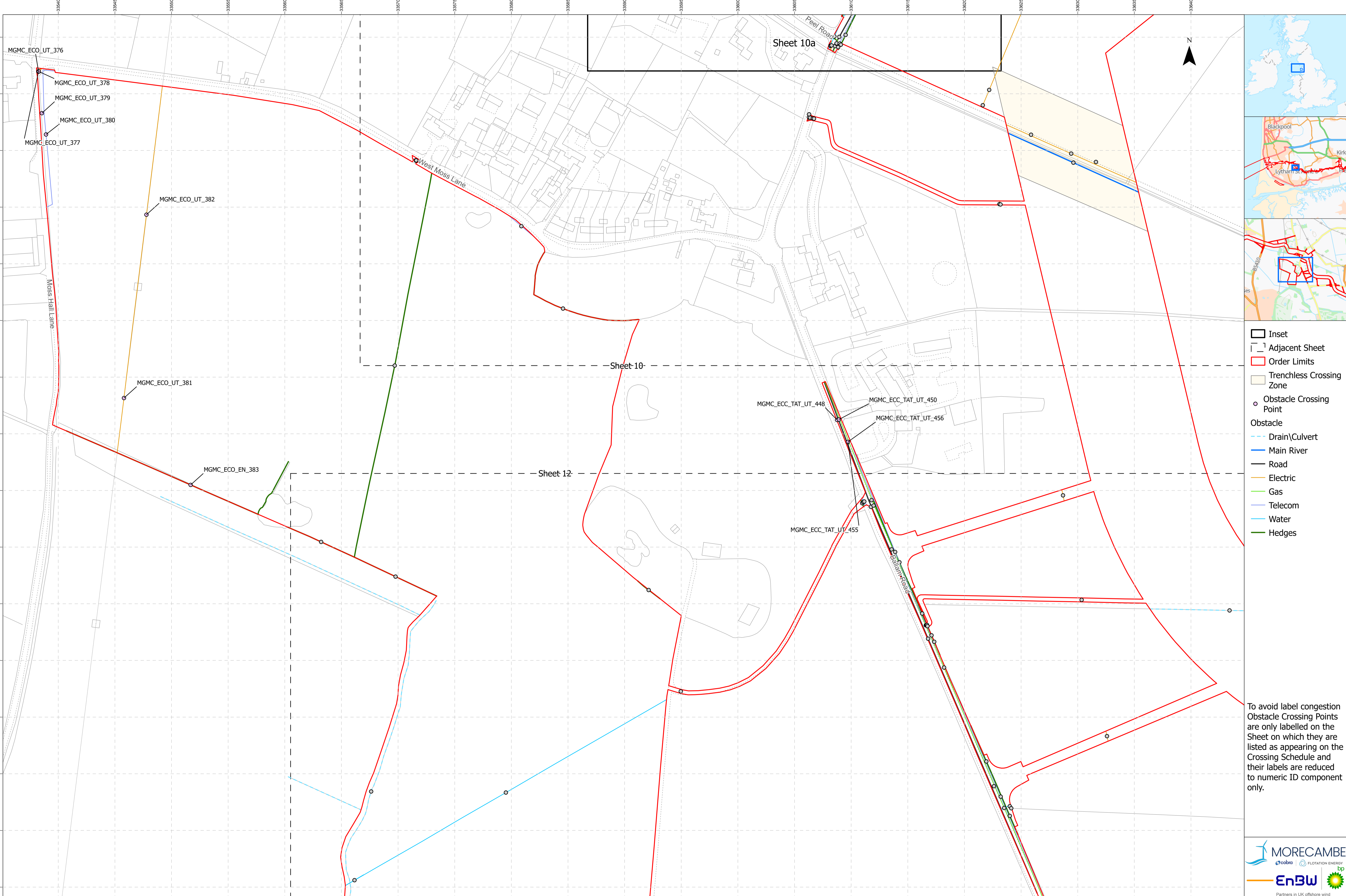


- Adjacent Sheet
- Order Limits
- Trenchless Crossing Zone
- Obstacle Crossing Point
- Obstacle**
- Road
- Electric
- Gas
- Telecom
- Water
- Hedges

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| <b>Project Name:</b><br>MORGAN AND MORECAMBE OFFSHORE WIND FARMS:<br>TRANSMISSION ASSETS | <b>Drawing Title:</b><br>OBSTACLE CROSSING PLAN - SHEET 10A OF 36 | <br>Scale@A1: 1:500     | <b>Geodetic Information:</b><br>Datum: OSGB 1936<br>Projection: British National Grid | <b>Data Sources:</b> BP, Ordnance Survey<br><br>Based Upon The Ordnance Survey Map With The Sanction Of The<br>Controller Of HM Stationery Office. Crown Copyright Reserved. © OS<br>Licence No. 100042124 | <b>Service Layer Credits:</b> GB Cartographic Local Names:<br>Contains OS data © Crown Copyright and database right<br>2022<br>Contains data from OS Zoomstack | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>VER</th> <th>DATE</th> <th>DETAILS</th> <th>AUTH</th> <th>CHK</th> <th>APPRV</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>22/09/24</td> <td>Final at DCO Submission</td> <td>HAH</td> <td>LM</td> <td>AS</td> </tr> </tbody> </table> | VER | DATE | DETAILS | AUTH | CHK | APPRV | 01 | 22/09/24 | Final at DCO Submission | HAH | LM | AS | <b>Drawing Number:</b><br>BP-GBR-MORG-REG-0204 |
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| VER  | DATE  | DETAILS                 | AUTH  | CHK  | APPRV  |   |     |      |         |      |     |       |    |          |                         |     |    |    |  |
| 01   | 22/09/24  | Final at DCO Submission | HAH   | LM   | AS   |   |     |      |         |      |     |       |    |          |                         |     |    |    |  |



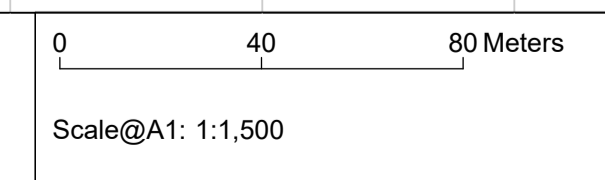
- Inset
- Adjacent Sheet
- Order Limits
- Trenchless Crossing Zone
- Obstacle Crossing Point
- Obstacle
- Drain\Culvert
- Main River
- Road
- Electric
- Gas
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**Project Name:**  
MORGAN AND MORECAMBE OFFSHORE WIND FARMS:  
TRANSMISSION ASSETS

**Drawing Title:**  
OBSTACLE CROSSING PLAN - SHEET 11 OF 36



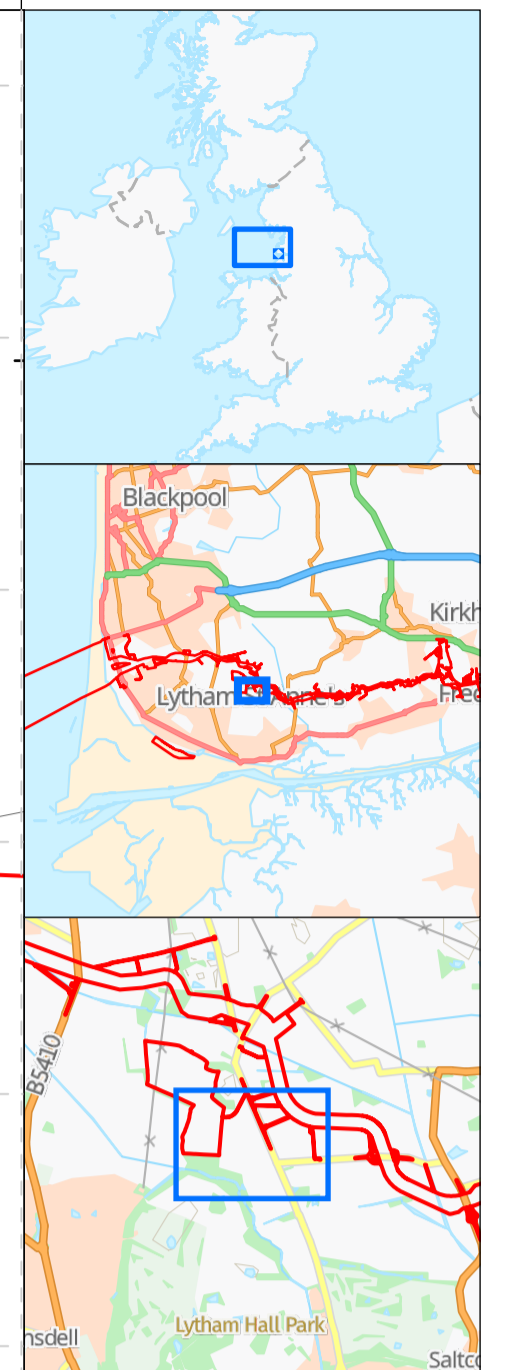
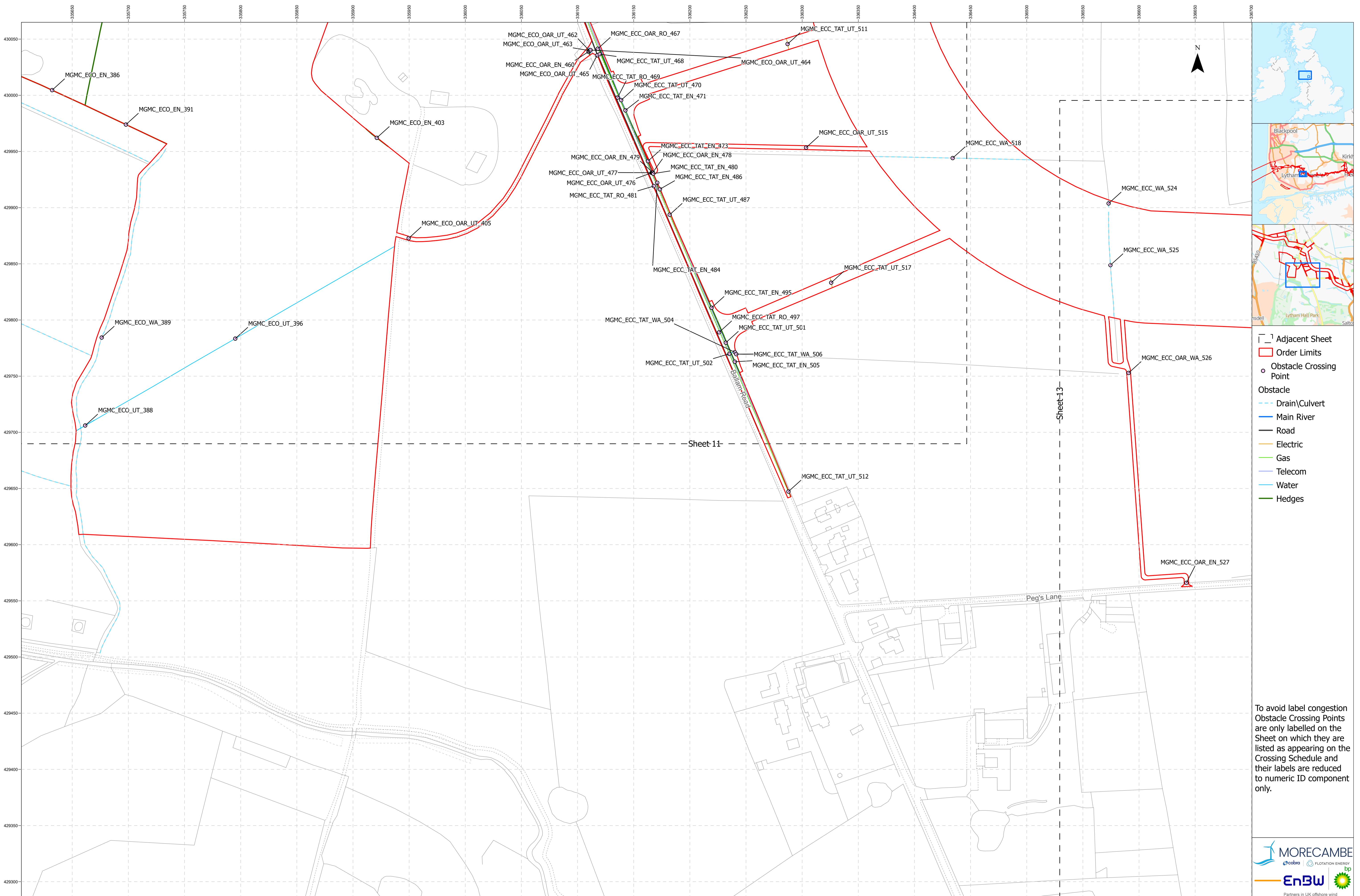
**Geodetic Information:**  
Datum: OSGB 1936  
Projection: British National Grid

**Data Sources:**BP, Ordnance Survey  
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| VER | DATE     | DETAILS                 | AUTH | CHK | APPRV |
|-----|----------|-------------------------|------|-----|-------|
| 01  | 22/09/24 | Final at DCO Submission | HAH  | LM  | AS    |

**Drawing Number:**  
BP-GBR-MORG-REG-0204

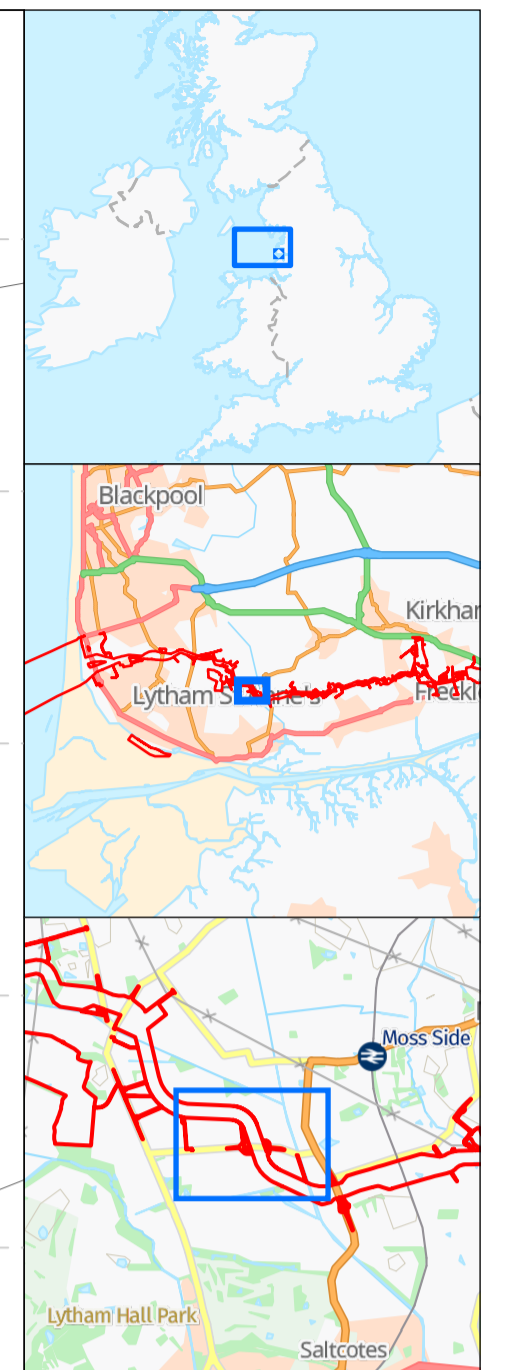
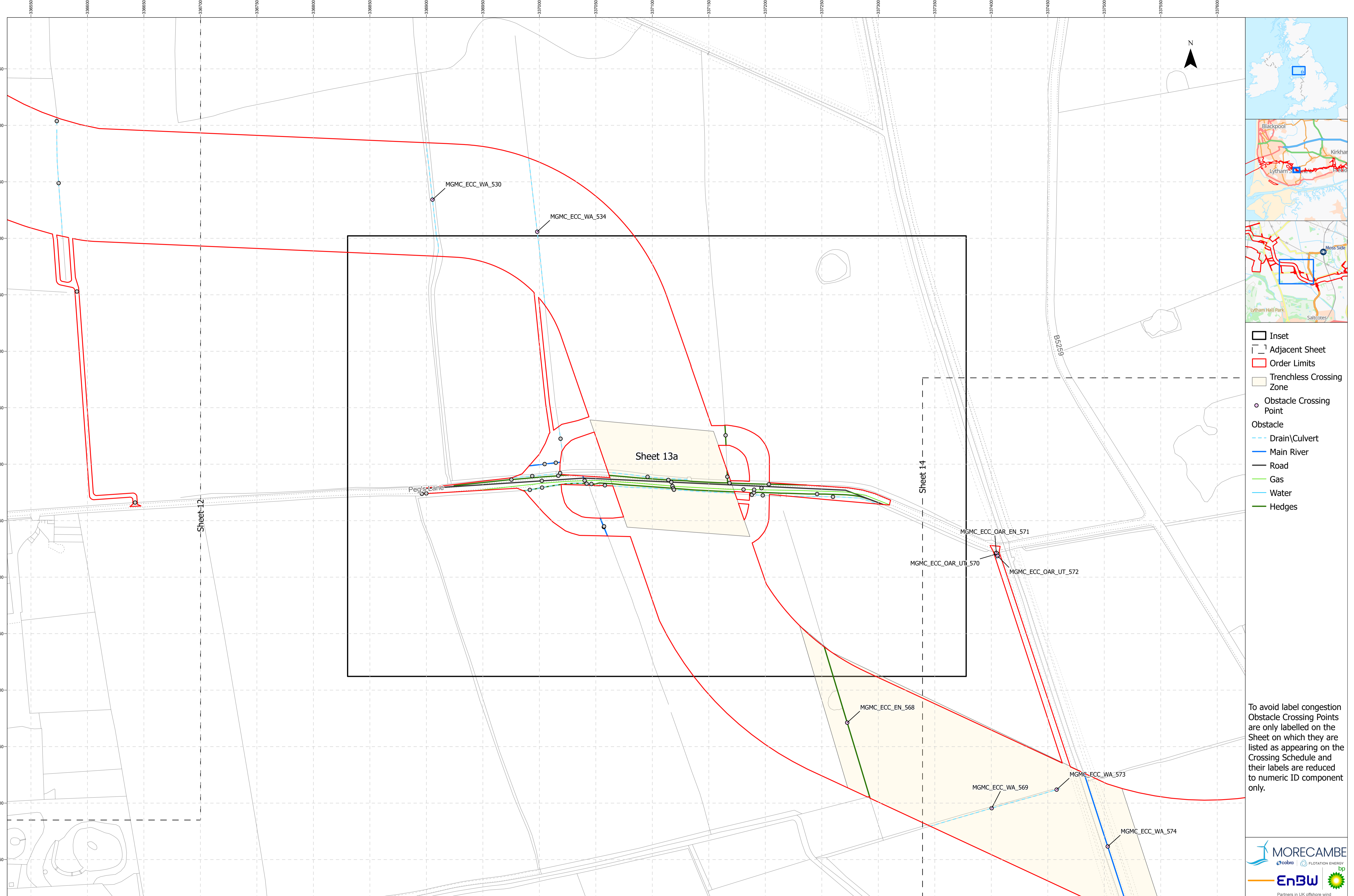


- Adjacent Sheet
- Order Limits
- Obstacle Crossing Point
- Obstacle
- Drain\Culvert
- Main River
- Road
- Electric
- Gas
- Telecom
- Water
- Hedges

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|  |  |                       |   |  |  |                  |                         |   |                    |                  |                    |  |
|--|--|-----------------------|---|--|--|------------------|-------------------------|---|--------------------|------------------|--------------------|--|
| <b>Project Name:</b><br>MORGAN AND MORECAMBE OFFSHORE WIND FARMS:<br>TRANSMISSION ASSETS | <b>Drawing Title:</b><br>OBSTACLE CROSSING PLAN - SHEET 12 OF 36 | <br>Scale@A1: 1:1,500 | <b>Geodetic Information:</b><br>Datum: OSGB 1936<br>Projection: British National Grid | <b>Data Sources:</b> BP, Ordnance Survey<br><br>Based Upon The Ordnance Survey Map With The Sanction Of The<br>Controller Of HM Stationery Office. Crown Copyright Reserved. © OS<br>Licence No. 100042124 | <b>Service Layer Credits:</b> GB Cartographic Local Names:<br>Contains OS data © Crown Copyright and database right<br>2022<br>Contains data from OS Zoomstack | <b>VER</b><br>01 | <b>DATE</b><br>22/09/24 | <b>DETAILS</b><br>Final at DCO Submission | <b>AUTH</b><br>HAH | <b>CHK</b><br>LM | <b>APPRV</b><br>AS | <b>Drawing Number:</b><br>BP-GBR-MORG-REG-0204 |
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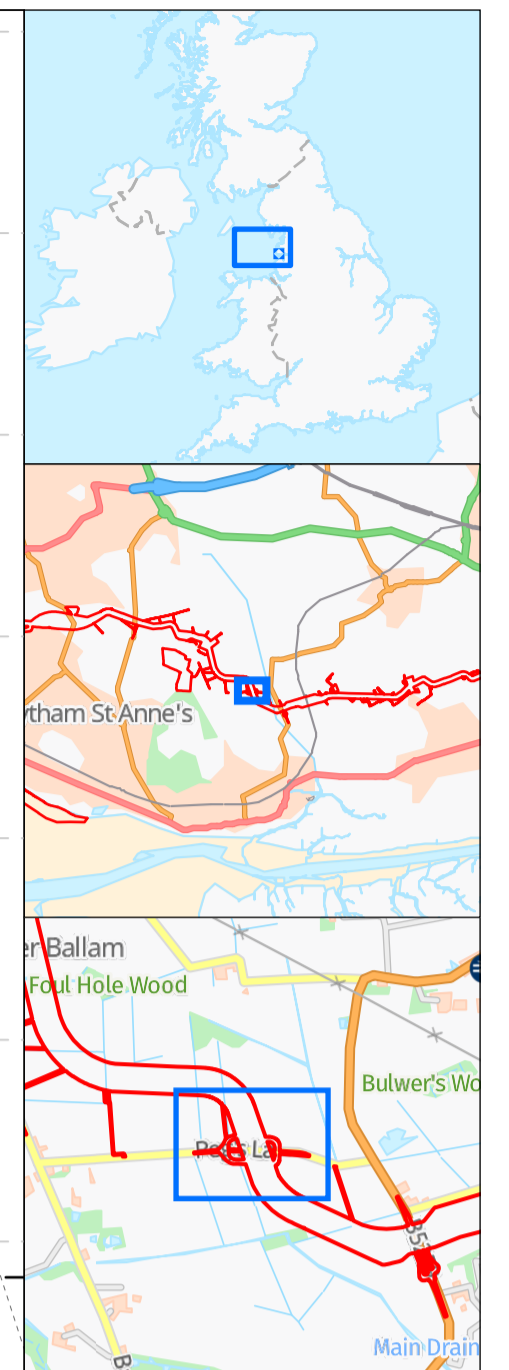
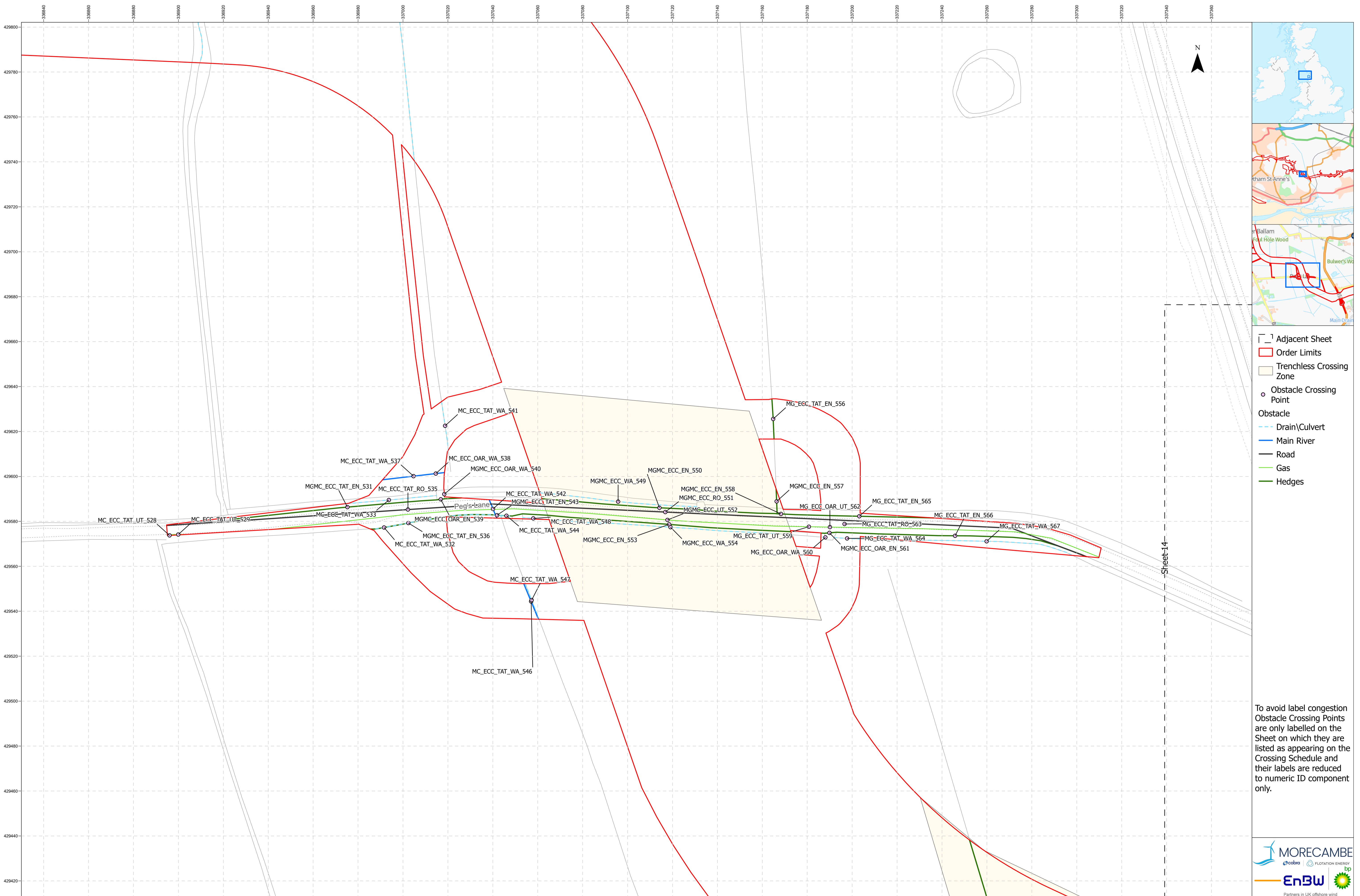


- Inset
- Adjacent Sheet
- Order Limits
- Trenchless Crossing Zone
- Obstacle Crossing Point
- Obstacle
- Drain\Culvert
- Main River
- Road
- Gas
- Water
- Hedges

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| <b>Project Name:</b><br>MORGAN AND MORECAMBE OFFSHORE WIND FARMS:<br>TRANSMISSION ASSETS | <b>Drawing Title:</b><br>OBSTACLE CROSSING PLAN - SHEET 13 OF 36 | <br>Scale@A1: 1:1,500   | <b>Geodetic Information:</b><br>Datum: OSGB 1936<br>Projection: British National Grid | <b>Data Sources:</b> BP, Ordnance Survey<br>Based Upon The Ordnance Survey Map With The Sanction Of The<br>Controller Of HM Stationery Office. Crown Copyright Reserved. © OS<br>Licence No. 100042124 | <b>Service Layer Credits:</b> GB Cartographic Local Names:<br>Contains OS data © Crown Copyright and database right<br>2022<br>Contains data from OS Zoomstack | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>VER</th> <th>DATE</th> <th>DETAILS</th> <th>AUTH</th> <th>CHK</th> <th>APPRV</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>22/09/24</td> <td>Final at DCO Submission</td> <td>HAH</td> <td>LM</td> <td>AS</td> </tr> </tbody> </table> | VER | DATE | DETAILS | AUTH | CHK | APPRV | 01 | 22/09/24 | Final at DCO Submission | HAH | LM | AS | <b>Drawing Number:</b><br>BP-GBR-MORG-REG-0204 |
|--|--|-------------------------|---|--|--|---|-----|------|---------|------|-----|-------|----|----------|-------------------------|-----|----|----|--|
| VER  | DATE   | DETAILS                 | AUTH  | CHK  | APPRV  |   |     |      |         |      |     |       |    |          |                         |     |    |    |  |
| 01   | 22/09/24   | Final at DCO Submission | HAH   | LM   | AS   |   |     |      |         |      |     |       |    |          |                         |     |    |    |  |



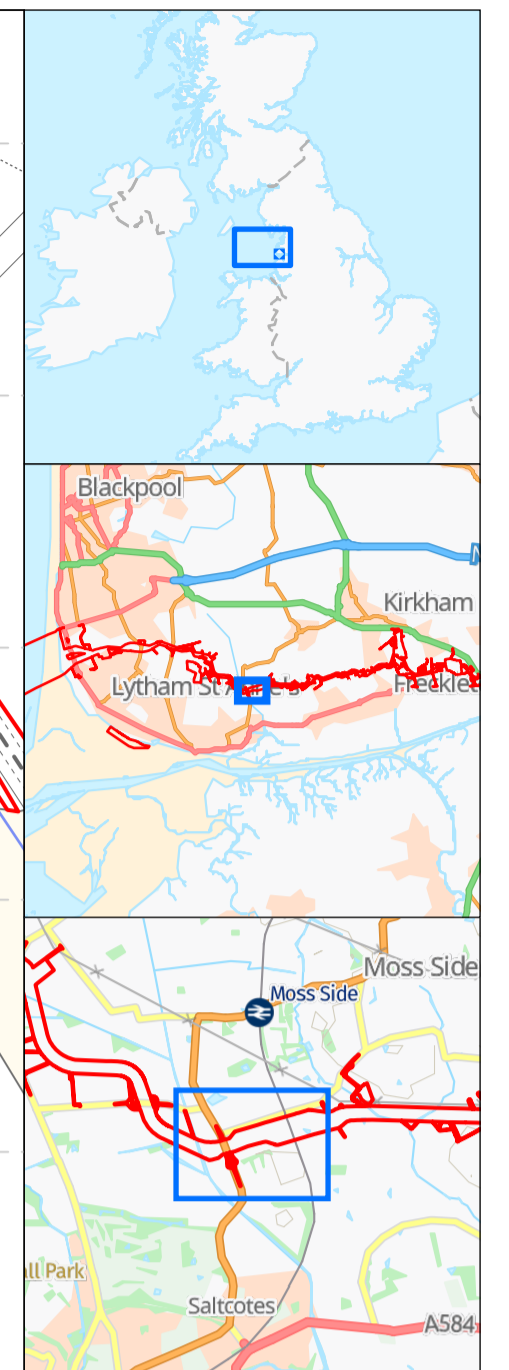
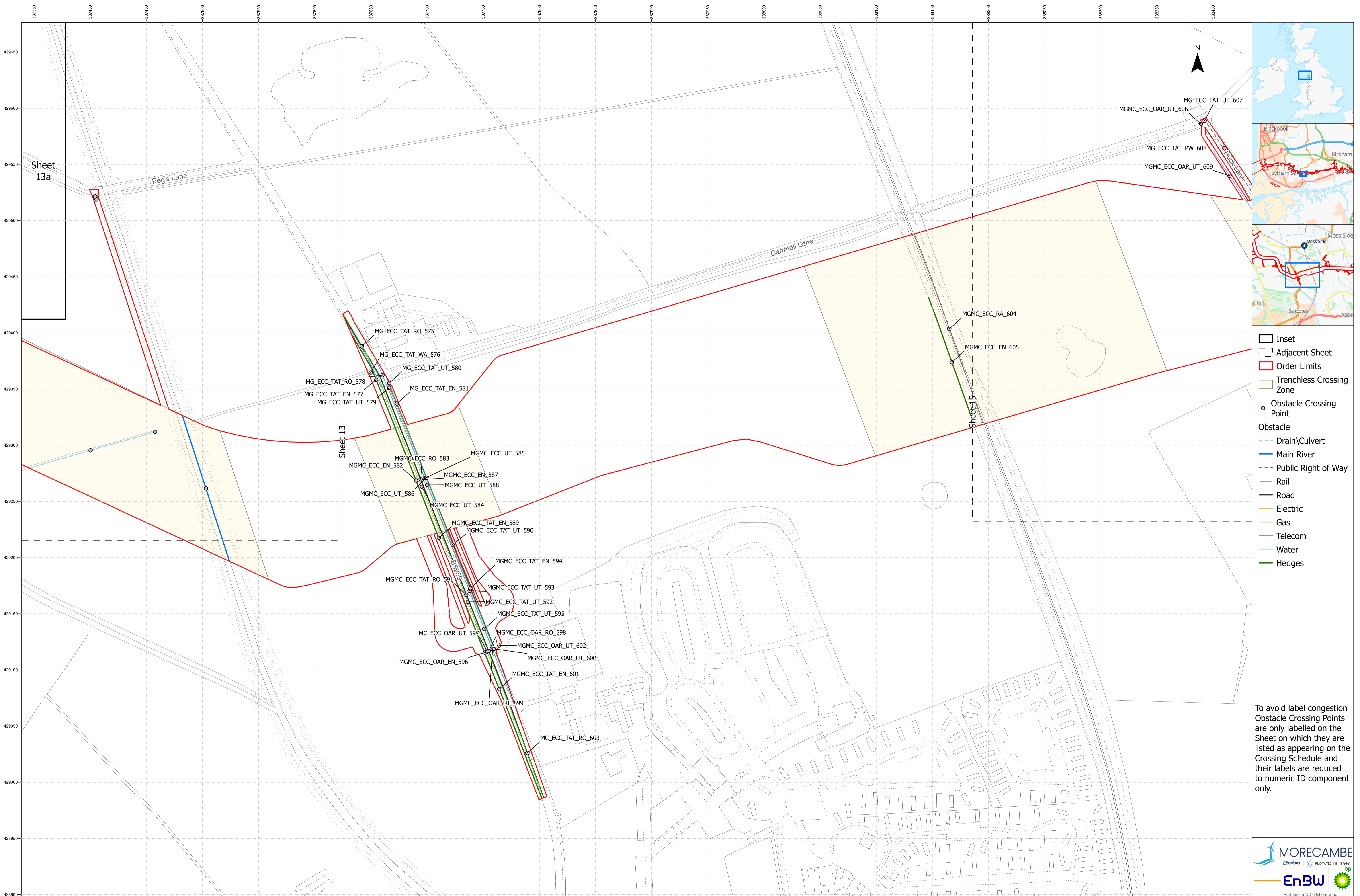
- Adjacent Sheet
- Order Limits
- Trenchless Crossing Zone
- Obstacle Crossing Point
- Obstacle**
- Drain\Culvert
- Main River
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- Gas
- Hedges

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|  |   |                     |   |  |  |                  |                         |   |                    |                  |                    |  |
|--|---|---------------------|---|--|--|------------------|-------------------------|---|--------------------|------------------|--------------------|--|
| <b>Project Name:</b><br>MORGAN AND MORECAMBE OFFSHORE WIND FARMS:<br>TRANSMISSION ASSETS | <b>Drawing Title:</b><br>OBSTACLE CROSSING PLAN - SHEET 13A OF 36 | <br>Scale@A1: 1:750 | <b>Geodetic Information:</b><br>Datum: OSGB 1936<br>Projection: British National Grid | <b>Data Sources:</b> BP, Ordnance Survey<br>Based Upon The Ordnance Survey Map With The Sanction Of The<br>Controller Of HM Stationery Office. Crown Copyright Reserved. © OS<br>Licence No. 100042124 | <b>Service Layer Credits:</b> GB Cartographic Local Names:<br>Contains OS data © Crown Copyright and database right<br>2022<br>Contains data from OS Zoomstack | <b>VER</b><br>01 | <b>DATE</b><br>22/09/24 | <b>DETAILS</b><br>Final at DCO Submission | <b>AUTH</b><br>HAH | <b>CHK</b><br>LM | <b>APPRV</b><br>AS | <b>Drawing Number:</b><br>BP-GBR-MORG-REG-0204 |
|--|---|---------------------|---|--|--|------------------|-------------------------|---|--------------------|------------------|--------------------|--|



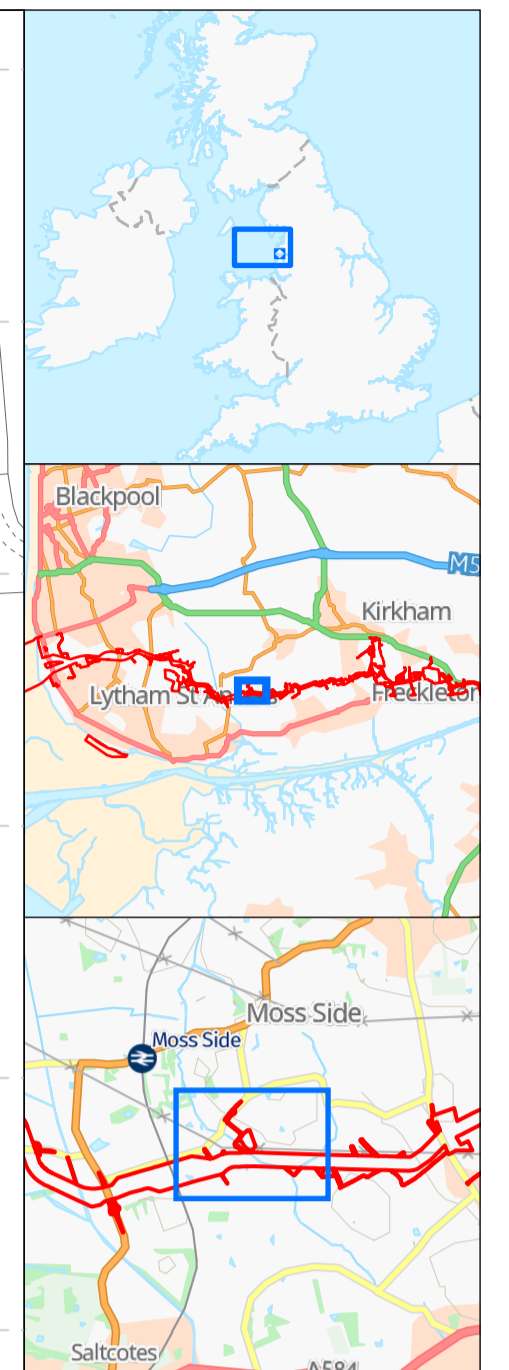
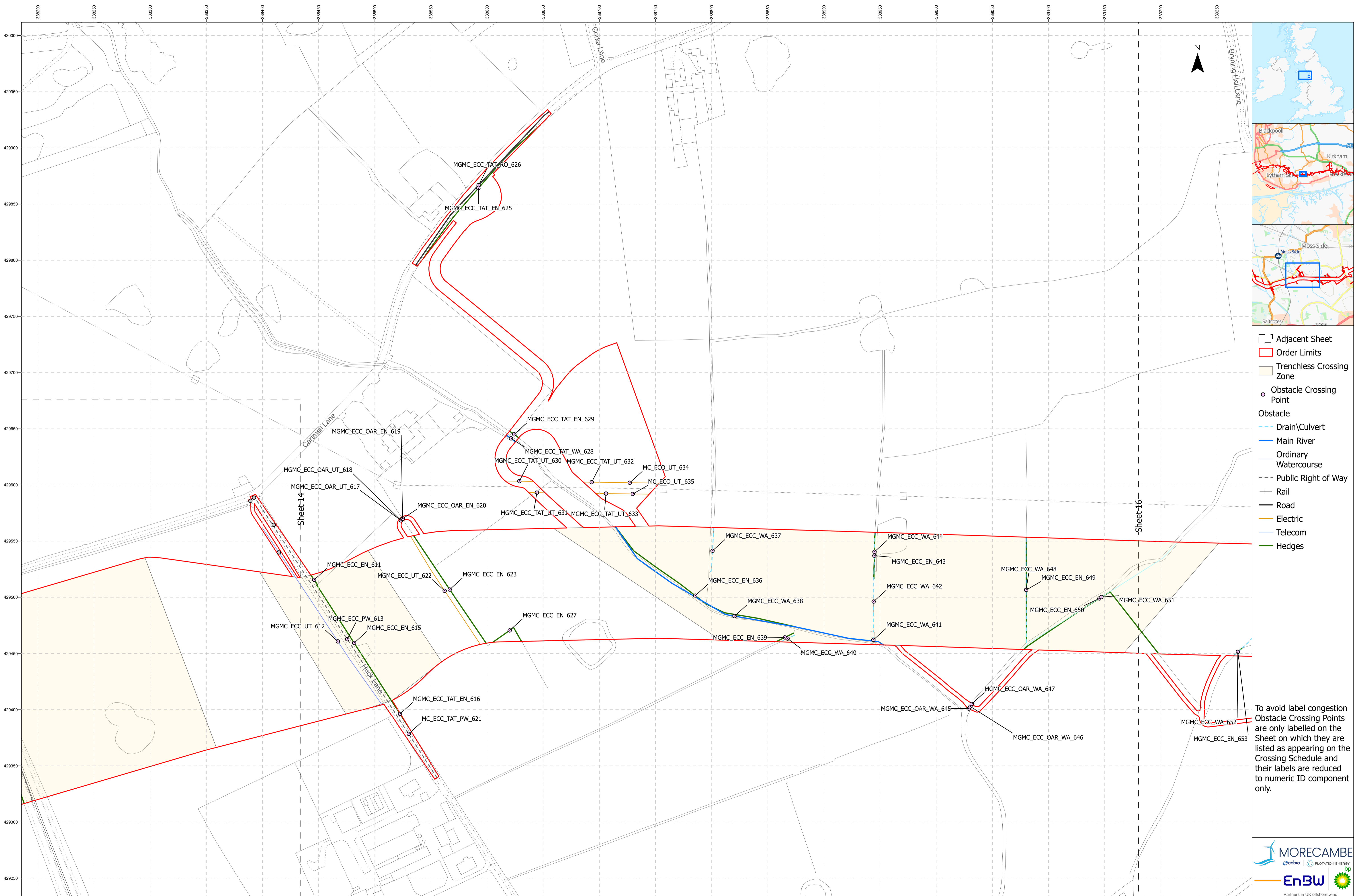


- Inset
- Adjacent Sheet
- Order Limits
- Trenchless Crossing Zone
- Obstacle Crossing Point
- Obstacle
- Drain\Culvert
- Main River
- Public Right of Way
- Rail
- Road
- Electric
- Gas
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|  |  |                       |   |  |  |                  |                         |   |                    |                  |                    |  |
|--|--|-----------------------|---|--|--|------------------|-------------------------|---|--------------------|------------------|--------------------|--|
| <b>Project Name:</b><br>MORGAN AND MORECAMBE OFFSHORE WIND FARMS:<br>TRANSMISSION ASSETS | <b>Drawing Title:</b><br>OBSTACLE CROSSING PLAN - SHEET 14 OF 36 | <br>Scale@A1: 1:1,500 | <b>Geodetic Information:</b><br>Datum: OSGB 1936<br>Projection: British National Grid | <b>Data Sources:</b> BP, Ordnance Survey<br>Based Upon The Ordnance Survey Map With The Sanction Of The Controller Of HM Stationery Office. Crown Copyright Reserved. © OS Licence No. 100042124 | <b>Service Layer Credits:</b> GB Cartographic Local Names: Contains OS data © Crown Copyright and database right 2022<br>Contains data from OS Zoomstack | <b>VER</b><br>01 | <b>DATE</b><br>22/09/24 | <b>DETAILS</b><br>Final at DCO Submission | <b>AUTH</b><br>HAH | <b>CHK</b><br>LM | <b>APPRV</b><br>AS | <b>Drawing Number:</b><br>BP-GBR-MORG-REG-0204 |
|--|--|-----------------------|---|--|--|------------------|-------------------------|---|--------------------|------------------|--------------------|--|



- Adjacent Sheet
- Order Limits
- Trenchless Crossing Zone
- Obstacle Crossing Point
- Obstacle**
- Drain\Culvert
- Main River
- Ordinary Watercourse
- Public Right of Way
- Rail
- Road
- Electric
- Telecom
- Hedges

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**Project Name:**  
MORGAN AND MORECAMBE OFFSHORE WIND FARMS:  
TRANSMISSION ASSETS

**Drawing Title:**  
OBSTACLE CROSSING PLAN - SHEET 15 OF 36

0 40 80 Meters  
Scale@A1: 1:1,500

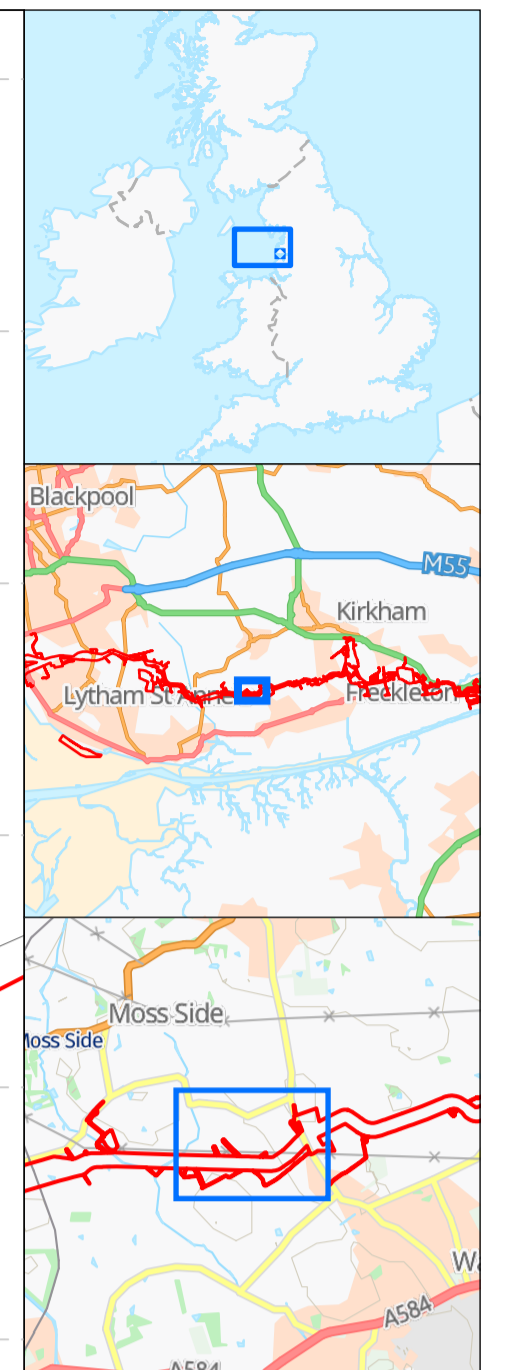
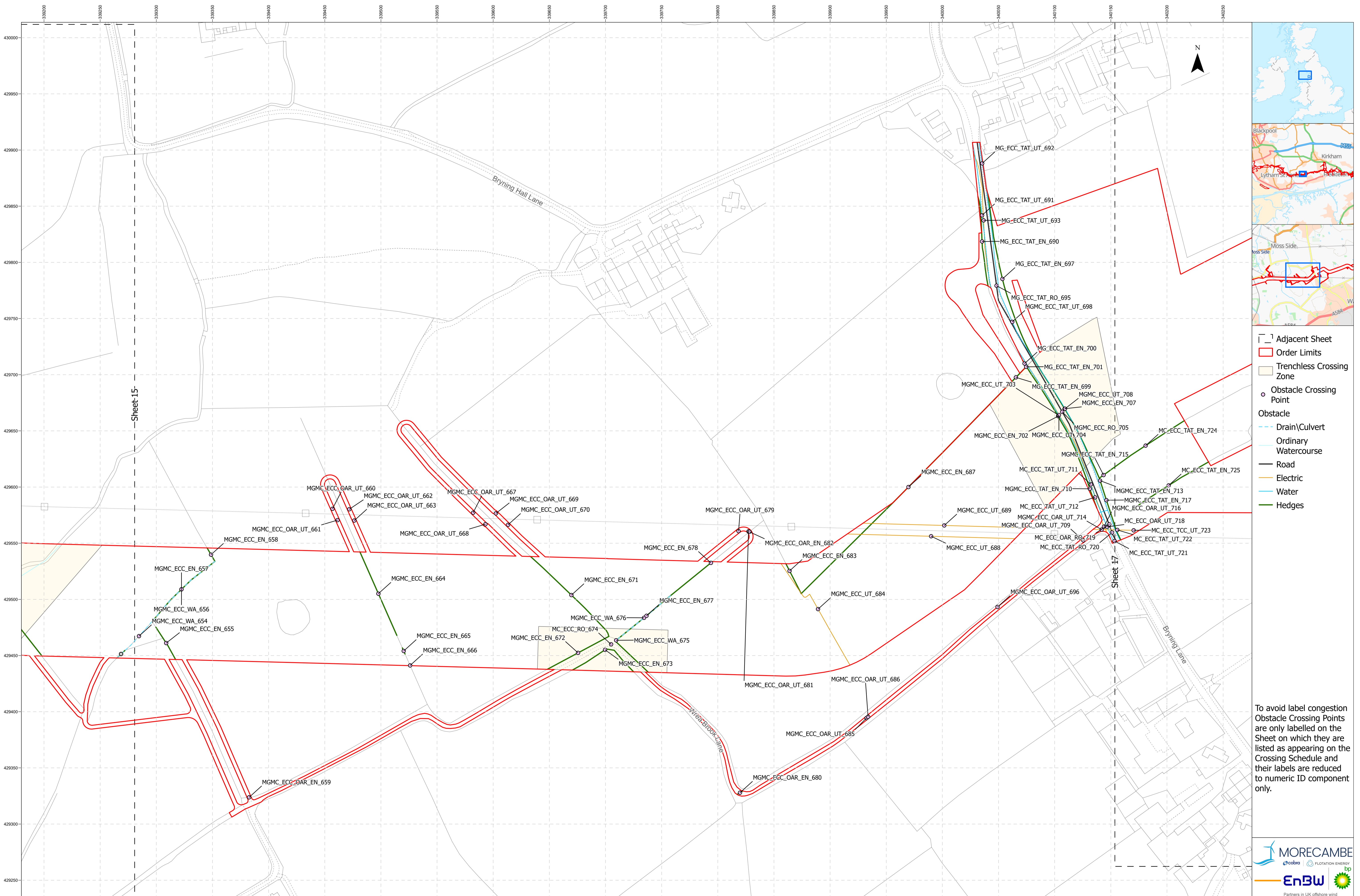
**Geodetic Information:**  
Datum: OSGB 1936  
Projection: British National Grid

**Data Sources:**BP, Ordnance Survey  
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| 01  | 22/09/24 | Final at DCO Submission | HAH  | LM  | AS    |

**Drawing Number:**  
BP-GBR-MORG-REG-0204

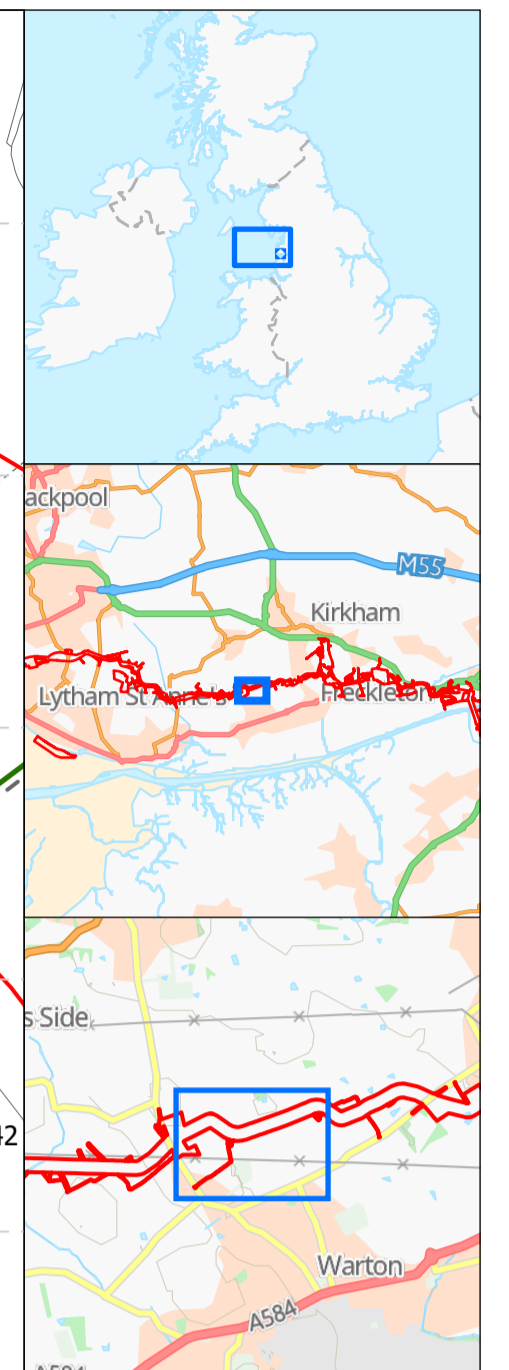
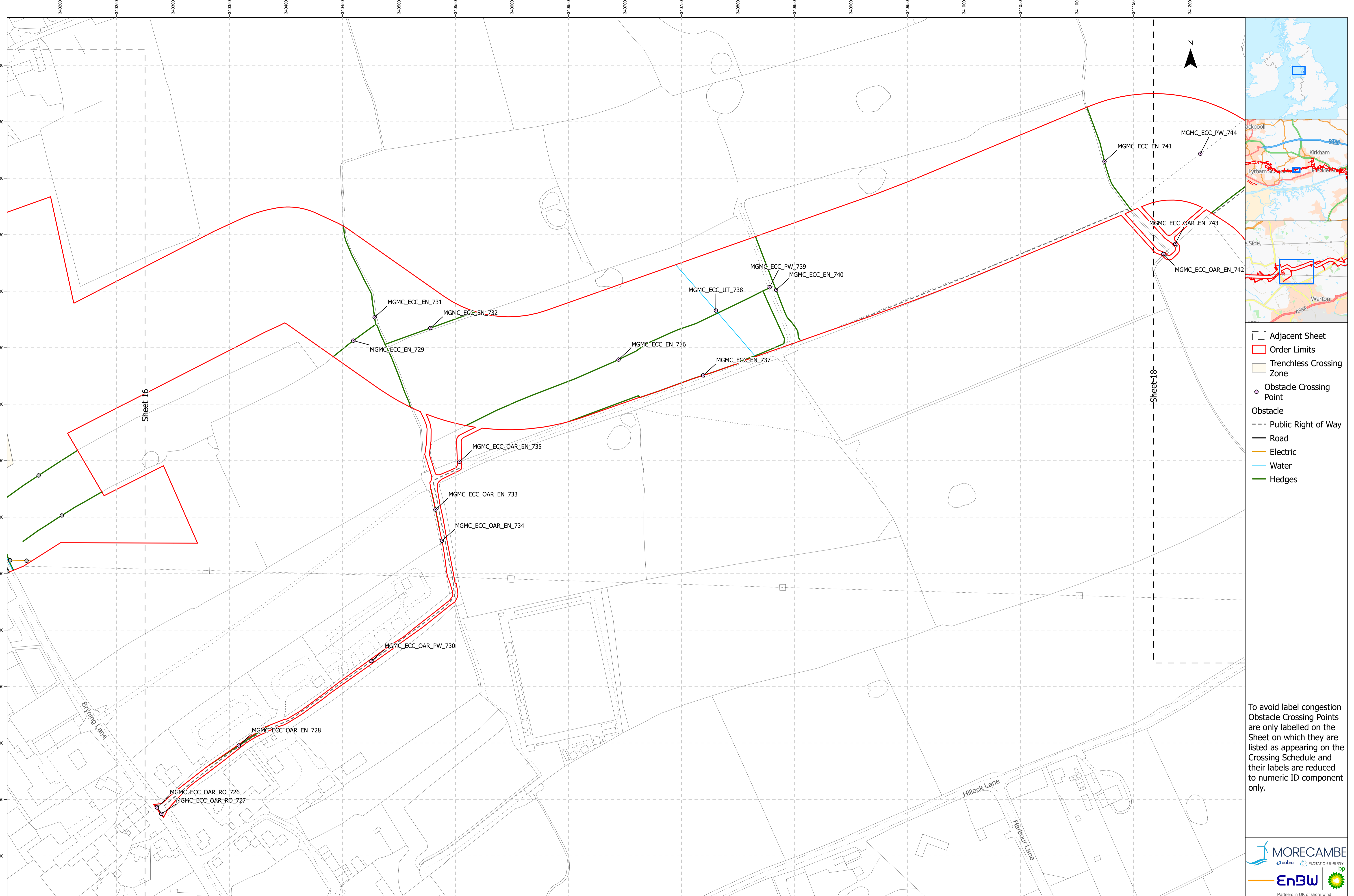


- Adjacent Sheet
- Order Limits
- Trenchless Crossing Zone
- Obstacle Crossing Point
- Obstacle**
- Drain\Culvert
- Ordinary Watercourse
- Road
- Electric
- Water
- Hedges

To avoid label congestion Obstacle Crossing Points are only labelled on the Sheet on which they are listed as appearing on the Crossing Schedule and their labels are reduced to numeric ID component only.



|  |  |                       |   |  |  |            |             |                         |             |            |              |  |
|--|--|-----------------------|---|--|--|------------|-------------|-------------------------|-------------|------------|--------------|--|
| <b>Project Name:</b><br>MORGAN AND MORECAMBE OFFSHORE WIND FARMS:<br>TRANSMISSION ASSETS | <b>Drawing Title:</b><br>OBSTACLE CROSSING PLAN - SHEET 16 OF 36 | <br>Scale@A1: 1:1,500 | <b>Geodetic Information:</b><br>Datum: OSGB 1936<br>Projection: British National Grid | <b>Data Sources:</b> BP, Ordnance Survey<br>Based Upon The Ordnance Survey Map With The Sanction Of The<br>Controller Of HM Stationery Office. Crown Copyright Reserved. © OS<br>Licence No. 100042124 | <b>Service Layer Credits:</b> GB Cartographic Local Names:<br>Contains OS data © Crown Copyright and database right<br>2022<br>Contains data from OS Zoomstack | <b>VER</b> | <b>DATE</b> | <b>DETAILS</b>          | <b>AUTH</b> | <b>CHK</b> | <b>APPRV</b> | <b>Drawing Number:</b><br>BP-GBR-MORG-REG-0204 |
|  |  |                       |   |  |  | 01         | 22/09/24    | Final at DCO Submission | HAA         | LM         | AS           |  |

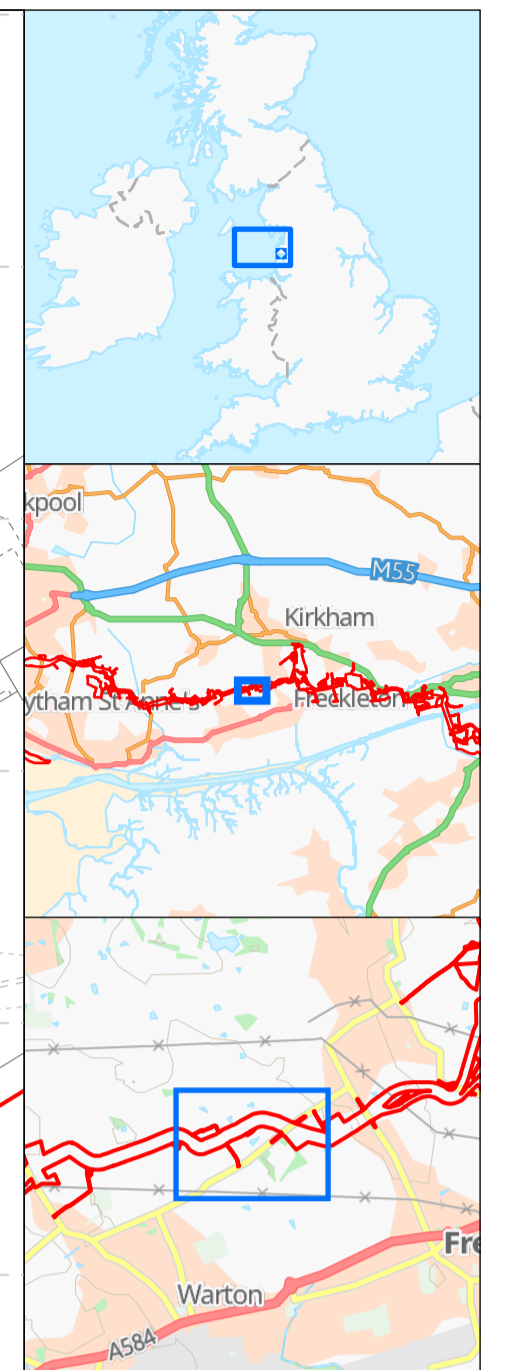
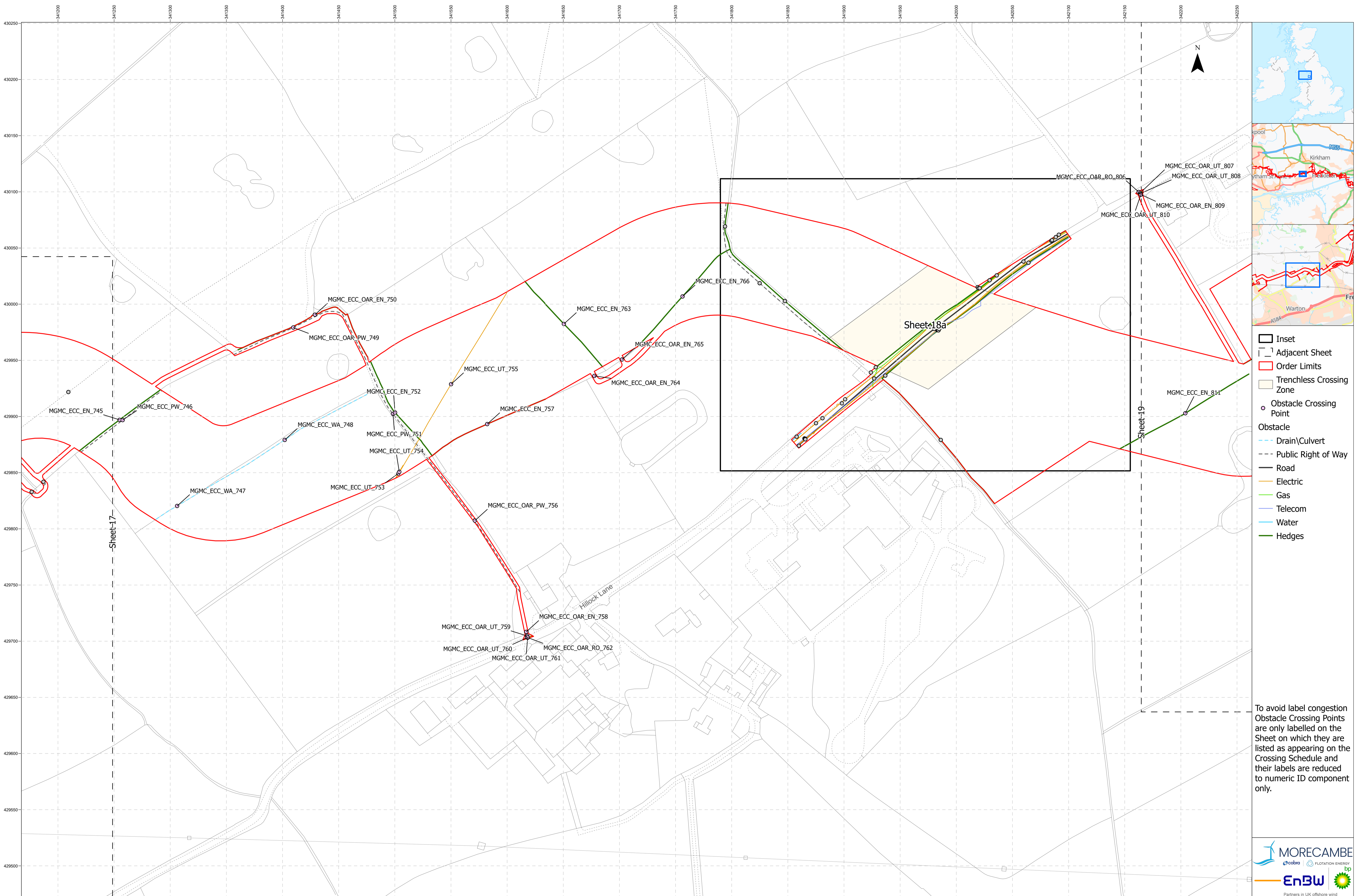


- Adjacent Sheet
- Order Limits
- Trenchless Crossing Zone
- Obstacle Crossing Point
- Obstacle
  - Public Right of Way
  - Road
  - Electric
  - Water
  - Hedges

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|  |  |                       |   |  |  |                  |                         |   |                    |                  |                    |  |
|--|--|-----------------------|---|--|--|------------------|-------------------------|---|--------------------|------------------|--------------------|--|
| <b>Project Name:</b><br>MORGAN AND MORECAMBE OFFSHORE WIND FARMS:<br>TRANSMISSION ASSETS | <b>Drawing Title:</b><br>OBSTACLE CROSSING PLAN - SHEET 17 OF 36 | <br>Scale@A1: 1:1,500 | <b>Geodetic Information:</b><br>Datum: OSGB 1936<br>Projection: British National Grid | <b>Data Sources:</b> BP, Ordnance Survey<br><br>Based Upon The Ordnance Survey Map With The Sanction Of The<br>Controller Of HM Stationery Office. Crown Copyright Reserved. © OS<br>Licence No. 100042124 | <b>Service Layer Credits:</b> GB Cartographic Local Names:<br>Contains OS data © Crown Copyright and database right<br>2022<br>Contains data from OS Zoomstack | <b>VER</b><br>01 | <b>DATE</b><br>22/09/24 | <b>DETAILS</b><br>Final at DCO Submission | <b>AUTH</b><br>HAH | <b>CHK</b><br>LM | <b>APPRV</b><br>AS | <b>Drawing Number:</b><br>BP-GBR-MORG-REG-0204 |
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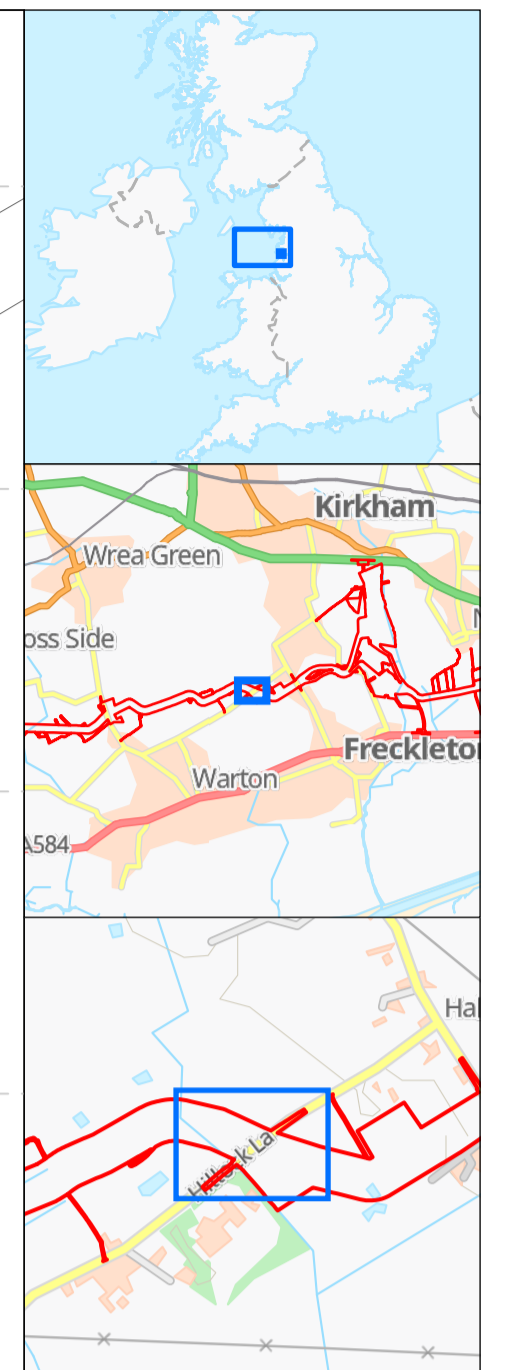
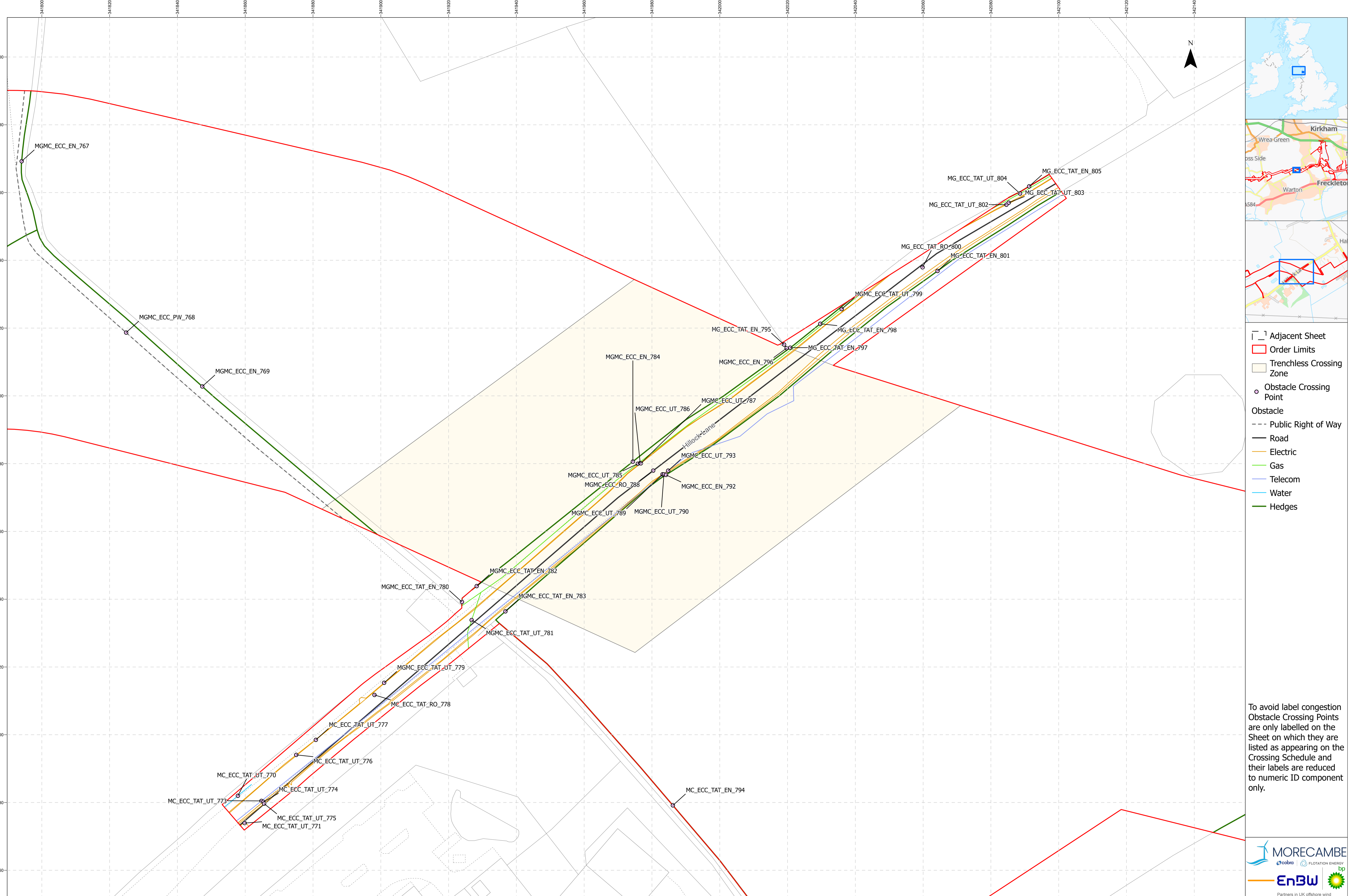


- Inset
- Adjacent Sheet
- Order Limits
- Trenchless Crossing Zone
- Obstacle Crossing Point
- Obstacle
- Drain\Culvert
- Public Right of Way
- Road
- Electric
- Gas
- Telecom
- Water
- Hedges

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| <b>Project Name:</b><br>MORGAN AND MORECAMBE OFFSHORE WIND FARMS:<br>TRANSMISSION ASSETS | <b>Drawing Title:</b><br>OBSTACLE CROSSING PLAN - SHEET 18 OF 36 | <p>Scale@A1: 1:1,500</p> | <b>Geodetic Information:</b><br>Datum: OSGB 1936<br>Projection: British National Grid | <b>Data Sources:</b> BP, Ordnance Survey<br><br>Based Upon The Ordnance Survey Map With The Sanction Of The<br>Controller Of HM Stationery Office. Crown Copyright Reserved. © OS<br>Licence No. 100042124 | <b>Service Layer Credits:</b> GB Cartographic Local Names:<br>Contains OS data © Crown Copyright and database right<br>2022<br>Contains data from OS Zoomstack | <table border="1" style="font-size: 8px;"> <thead> <tr> <th>VER</th> <th>DATE</th> <th>DETAILS</th> <th>AUTH</th> <th>CHK</th> <th>APPRV</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>22/09/24</td> <td>Final at DCO Submission</td> <td>HAA</td> <td>LM</td> <td>AS</td> </tr> </tbody> </table> | VER | DATE | DETAILS | AUTH | CHK | APPRV | 01 | 22/09/24 | Final at DCO Submission | HAA | LM | AS | <b>Drawing Number:</b><br>BP-GBR-MORG-REG-0204 |
|--|--|--------------------------|---|--|--|---|-----|------|---------|------|-----|-------|----|----------|-------------------------|-----|----|----|--|
| VER  | DATE   | DETAILS                  | AUTH  | CHK  | APPRV  |   |     |      |         |      |     |       |    |          |                         |     |    |    |  |
| 01   | 22/09/24   | Final at DCO Submission  | HAA   | LM   | AS   |   |     |      |         |      |     |       |    |          |                         |     |    |    |  |

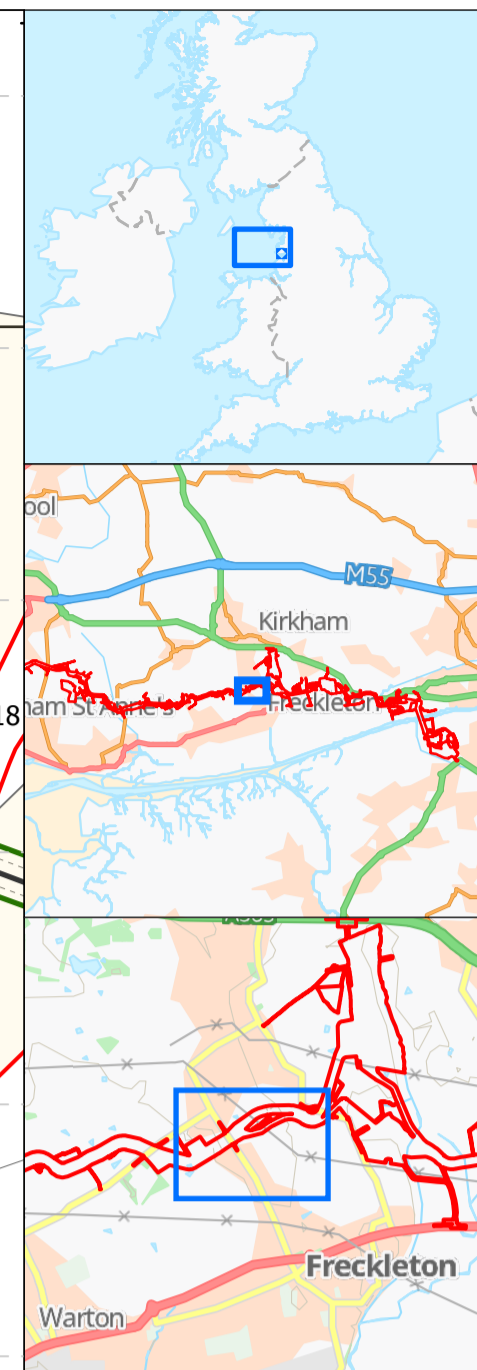
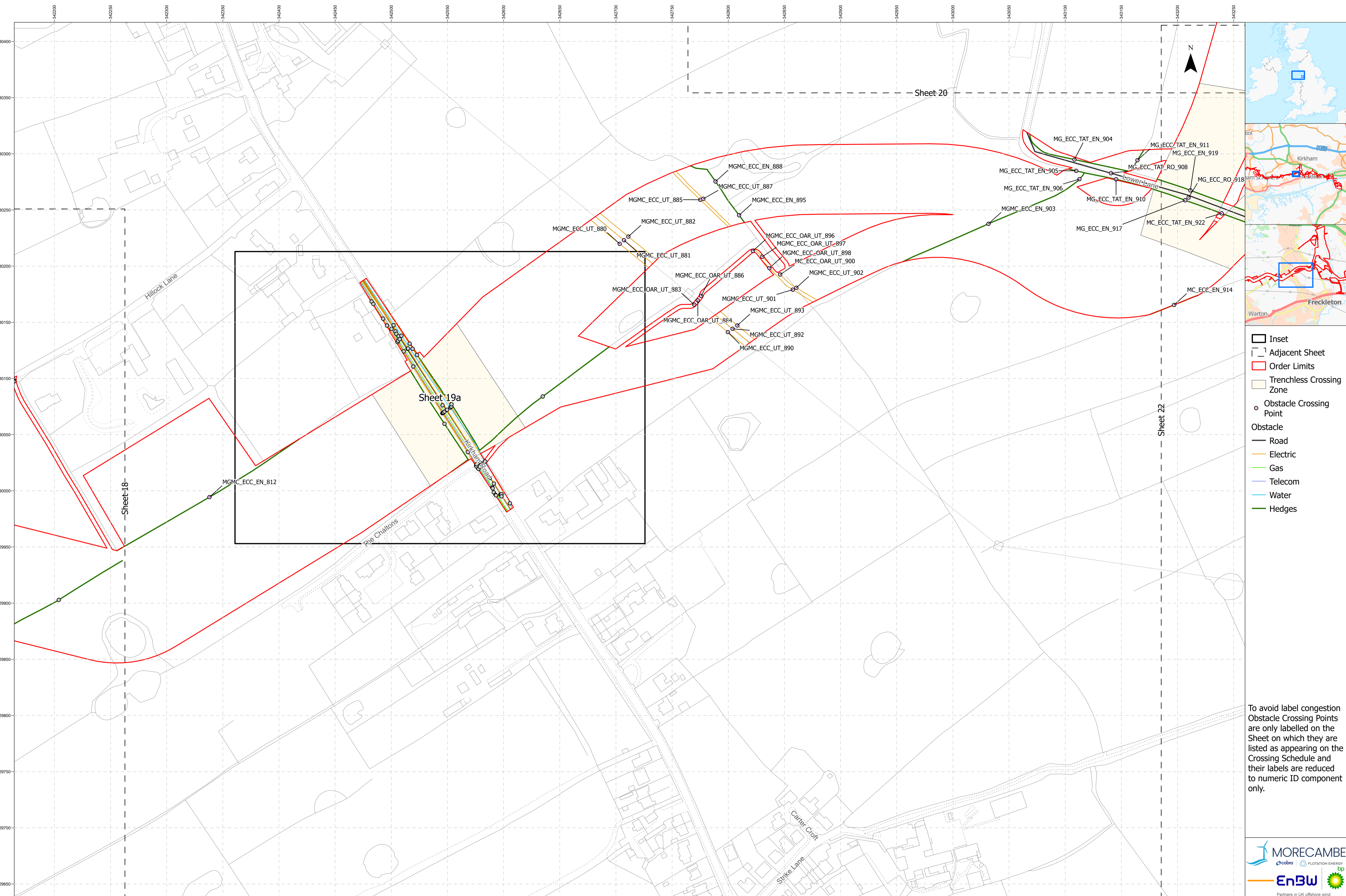


- [-] Adjacent Sheet
- [Red Box] Order Limits
- [Yellow Box] Trenchless Crossing Zone
- [Circle with Dot] Obstacle Crossing Point
- Obstacle
- [Dashed Line] Public Right of Way
- [Solid Line] Road
- [Orange Line] Electric
- [Green Line] Gas
- [Blue Line] Telecom
- [Light Blue Line] Water
- [Dark Green Line] Hedges

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| <b>Project Name:</b><br>MORGAN AND MORECAMBE OFFSHORE WIND FARMS:<br>TRANSMISSION ASSETS | <b>Drawing Title:</b><br>OBSTACLE CROSSING PLAN - SHEET 18A OF 36 | <br>Scale@A1: 1:500 | <b>Geodetic Information:</b><br>Datum: OSGB 1936<br>Projection: British National Grid | <b>Data Sources:</b> BP, Ordnance Survey<br>Based Upon The Ordnance Survey Map With The Sanction Of The Controller Of HM Stationery Office. Crown Copyright Reserved. © OS Licence No. 100042124 | <b>Service Layer Credits:</b> GB Cartographic Local Names: Contains OS data © Crown Copyright and database right 2022 Contains data from OS Zoomstack | <b>VER</b> | <b>DATE</b> | <b>DETAILS</b>          | <b>AUTH</b> | <b>CHK</b> | <b>APPRV</b> | <b>Drawing Number:</b><br>BP-GBR-MORG-REG-0204 |
|  |   |                     |   |  |   | 01         | 22/09/24    | Final at DCO Submission | HAH         | LM         | AS           |  |

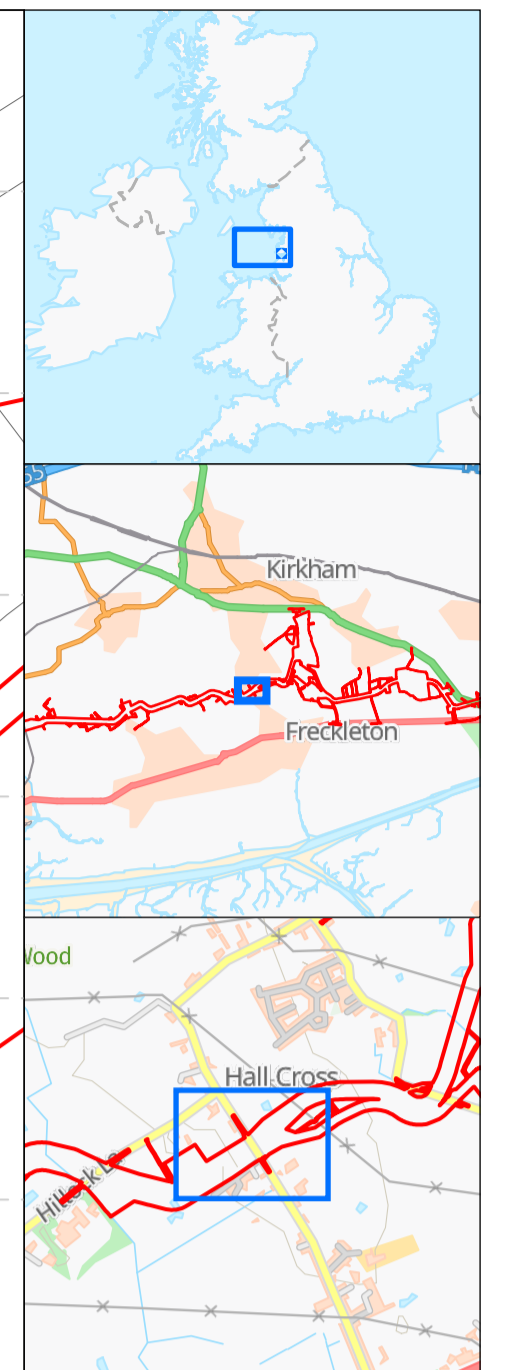
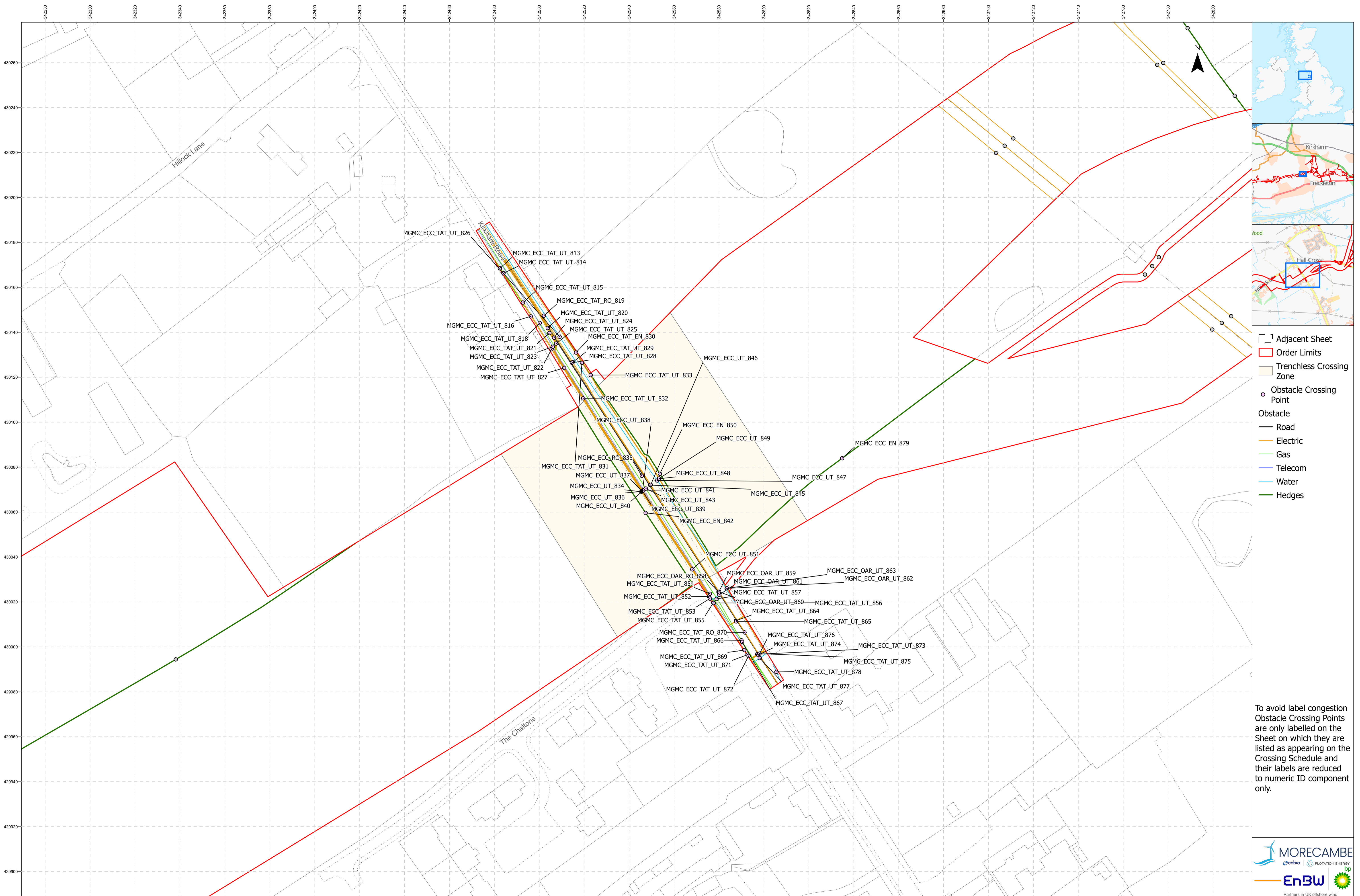


- Inset
- Adjacent Sheet
- Order Limits
- Trenchless Crossing Zone
- Obstacle Crossing Point
- Obstacle
- Road
- Electric
- Gas
- Telecom
- Water
- Hedges

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|  |  |                          |   |  |  |                  |                         |   |                    |                  |                    |  |
|--|--|--------------------------|---|--|--|------------------|-------------------------|---|--------------------|------------------|--------------------|--|
| <b>Project Name:</b><br>MORGAN AND MORECAMBE OFFSHORE WIND FARMS:<br>TRANSMISSION ASSETS | <b>Drawing Title:</b><br>OBSTACLE CROSSING PLAN - SHEET 19 OF 36 | <p>Scale@A1: 1:1,500</p> | <b>Geodetic Information:</b><br>Datum: OSGB 1936<br>Projection: British National Grid | <b>Data Sources:</b> BP, Ordnance Survey<br><br>Based Upon The Ordnance Survey Map With The Sanction Of The<br>Controller Of HM Stationery Office. Crown Copyright Reserved. © OS<br>Licence No. 100042124 | <b>Service Layer Credits:</b> GB Cartographic Local Names:<br>Contains OS data © Crown Copyright and database right<br>2022<br>Contains data from OS Zoomstack | <b>VER</b><br>01 | <b>DATE</b><br>22/09/24 | <b>DETAILS</b><br>Final at DCO Submission | <b>AUTH</b><br>HAH | <b>CHK</b><br>LM | <b>APPRV</b><br>AS | <b>Drawing Number:</b><br>BP-GBR-MORG-REG-0204 |
|--|--|--------------------------|---|--|--|------------------|-------------------------|---|--------------------|------------------|--------------------|--|



- ┌ ┐ Adjacent Sheet
- ▭ Order Limits
- ▭ Trenchless Crossing Zone
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