



# MORGAN AND MORECAMBE OFFSHORE WIND FARMS: TRANSMISSION ASSETS

## Environmental Statement

Volume 3, Figures - Part 5 of 7



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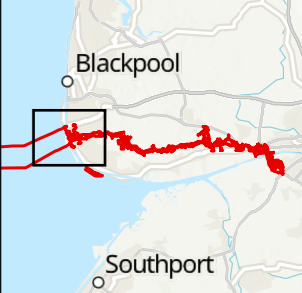
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**RPS**

**Prepared for:**

**Morgan Offshore Wind Limited,  
Morecambe Offshore Windfarm Ltd**

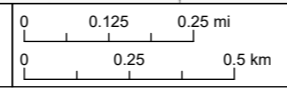


- LEGEND**
- Transmission Assets Order Limits
  - 1 km Study Area
  - Landfall
  - Construction compounds
  - Shared temporary working area at Blackpool airport
  - Construction noise receptor

Path: L1 P:\eur-mpfs-02\_eur\_rpsgroup.com\Projects\12693\_Morgan Morecambe Transmission Assets\Tech\Drawings\12693-0341-03.aprx. 12693-0341-03

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

**Drawing Title:**  
CONSTRUCTION NOISE – LOCATION PLAN (LANDFALL)



**Geodetic Information:**  
Datum: OSGB 1936  
Projection: British National Grid  
Scale@379mmx231mm: 1:18,000

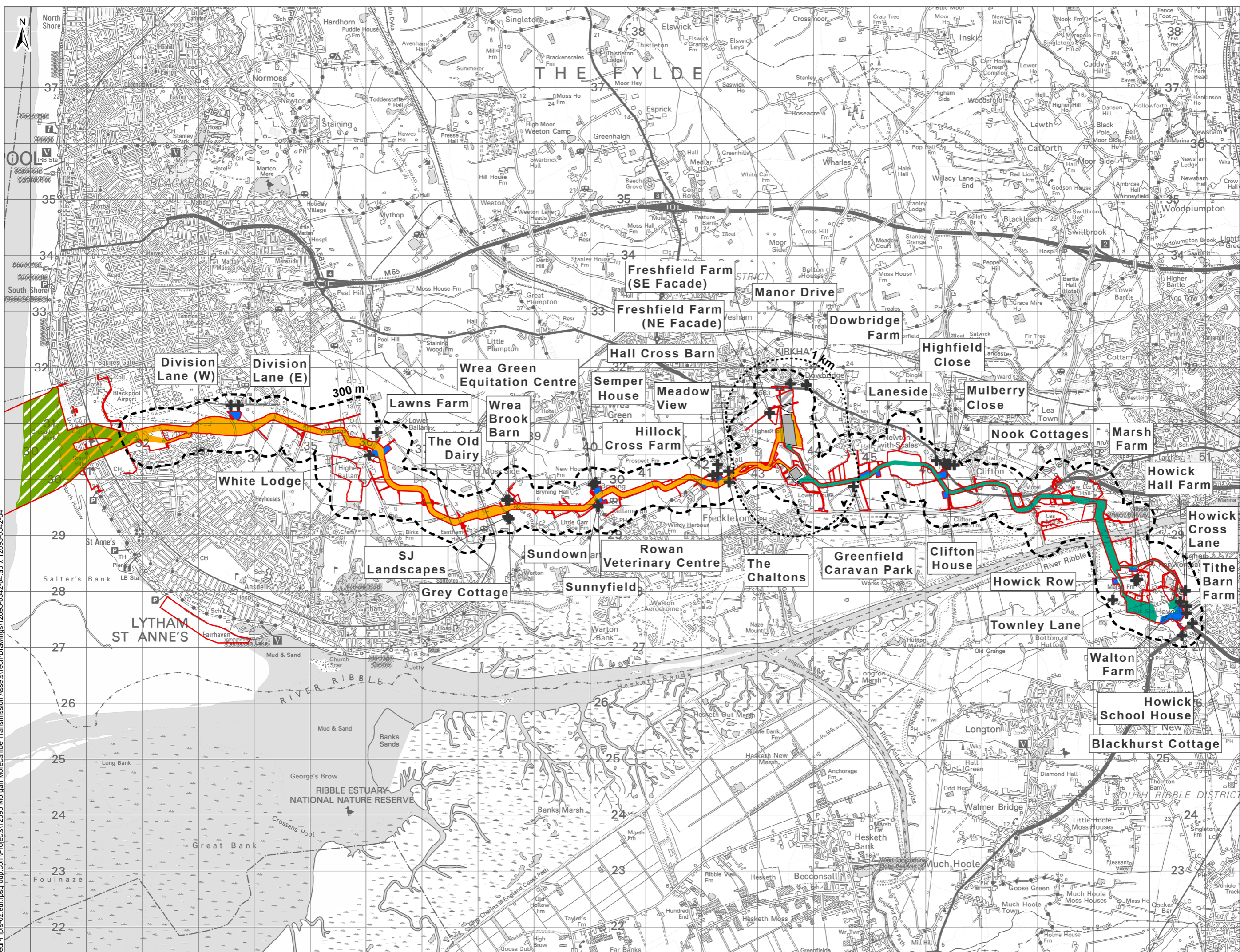
**Data Sources:** Client, The Crown Estate, MMO, NRW, ScotGov, MarineRegions.org

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Figure 8.1  
**Drawing Number:**  
12693-0341-03

VER	DATE	DETAILS	BY	CHECK
03	25/09/24	FINAL	AC	PL

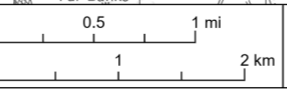


- LEGEND**
- Transmission Assets Order Limits
  - 300 m study area
  - 1 km buffer from onshore substations
  - Onshore substation sites
  - Temporary substations
  - Onshore export cable corridor
  - 400 kV cable corridor
  - Construction compound
  - Landfall
  - Construction noise receptor

Path: L1 P:\eur-mps-02.eur.rpsgroup.com\Projects\12693\_Morgan Morecambe Transmission Assets\Tech\Drawings\12693-0342-04.aprx.12693-0342-04

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

**Drawing Title:**  
 CONSTRUCTION NOISE – LOCATION PLAN (ONSHORE EXPORT CABLE CORRIDOR, 400 KV GRID CONNECTION CABLE CORRIDOR AND ONSHORE SUBSTATIONS)



**Geodetic Information:**  
 Datum: OSGB 1936  
 Projection: British National Grid  
 Scale@379mmx231mm: 1:60,000

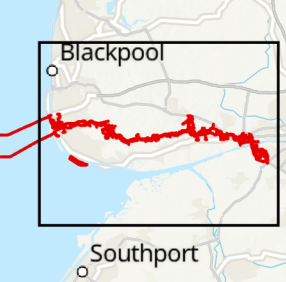
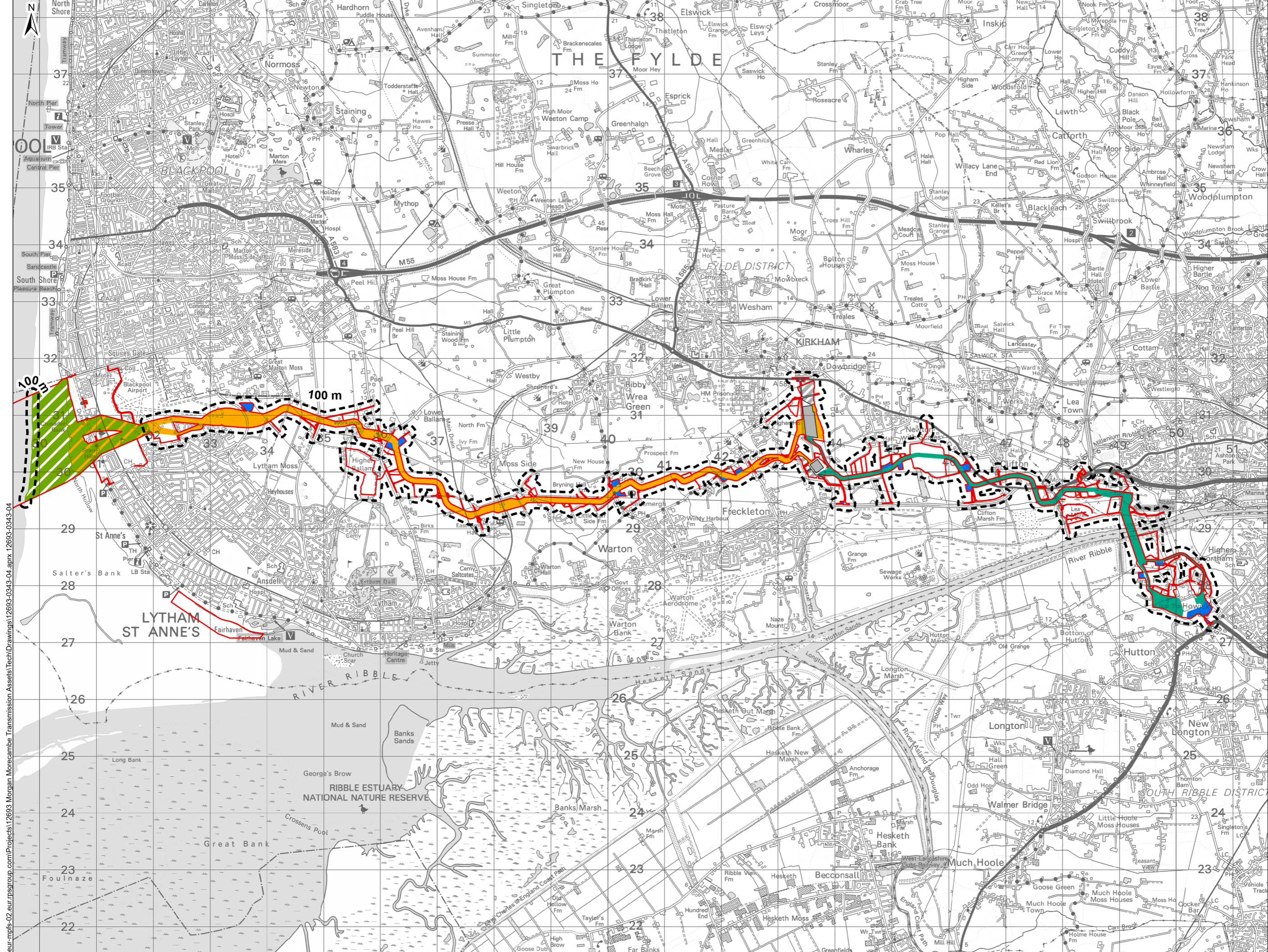
**Data Sources:** Client, The Crown Estate, MMO, NRW, ScotGov, MarineRegions.org

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Figure 8.2  
 Drawing Number:  
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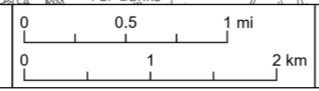


- LEGEND**
- Transmission Assets Order Limits
  - Study area
  - Onshore substation sites
  - Temporary substations
  - Onshore export cable corridor
  - 400 kV cable corridor
  - Construction compound
  - Landfall

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

**Drawing Title:**  
CONSTRUCTION VIBRATION – LOCATION PLAN



**Geodetic Information:**  
Datum: OSGB 1936  
Projection: British National Grid  
Scale@379mmx231mm: 1:60,000

**Data Sources:** Client, The Crown Estate, MMO, NRW, ScotGov, MarineRegions.org

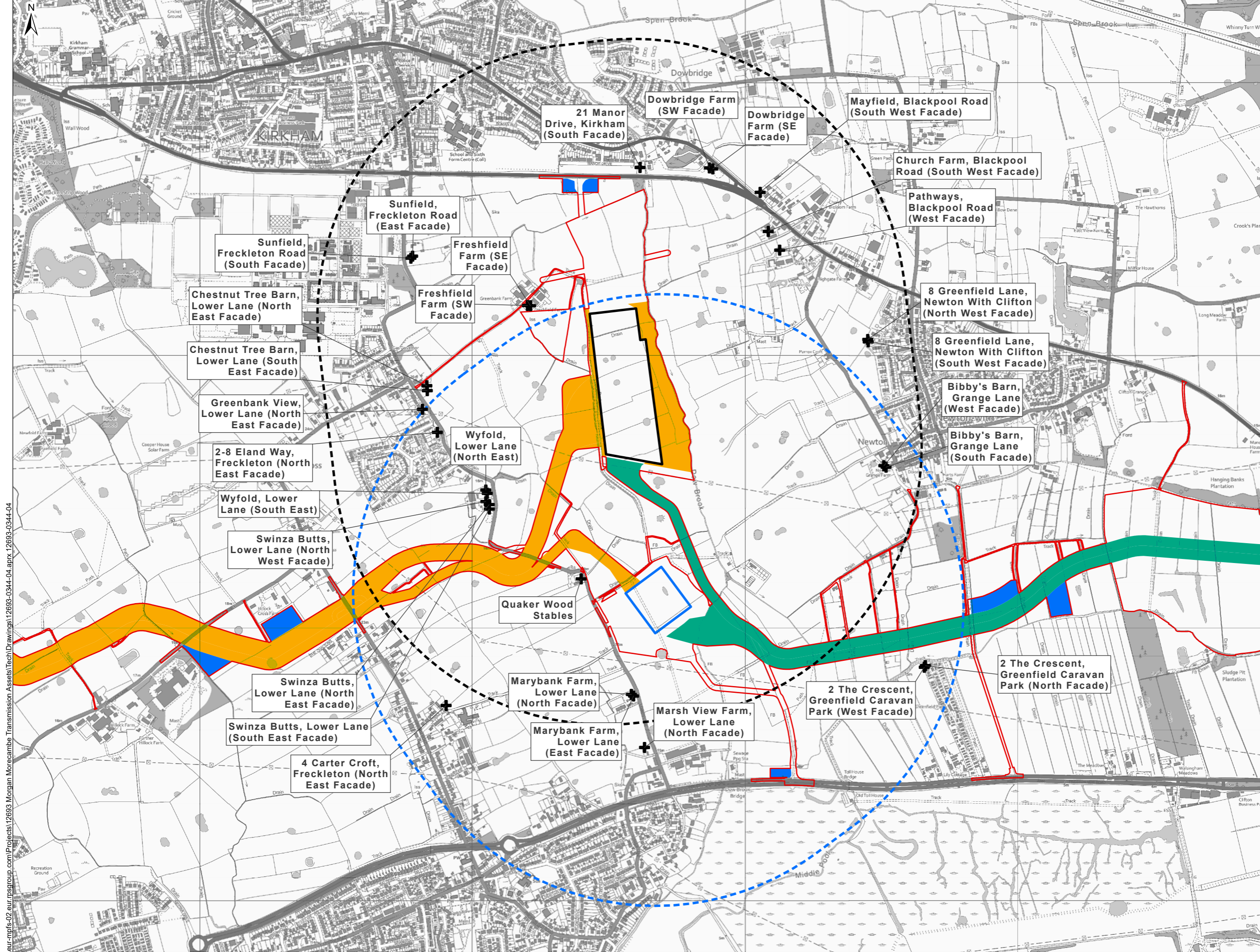
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Figure 8.3

**Drawing Number:**  
12693-0343-04

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04	25/09/24	FINAL	AC	PL



- LEGEND**
- Transmission Assets Order Limits
  - Onshore export cable corridor
  - 400 kV cable corridor
  - Construction compound
  - Onshore substations**
  - Morgan
  - Morecambe
  - 1 km study areas
  - Morgan
  - Morecambe
  - Operational noise receptors

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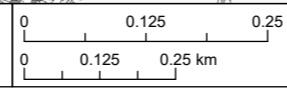


Figure 8.4

Drawing Number:  
12693-0344-04

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

**Drawing Title:**  
OPERATIONAL NOISE – LOCATION PLAN

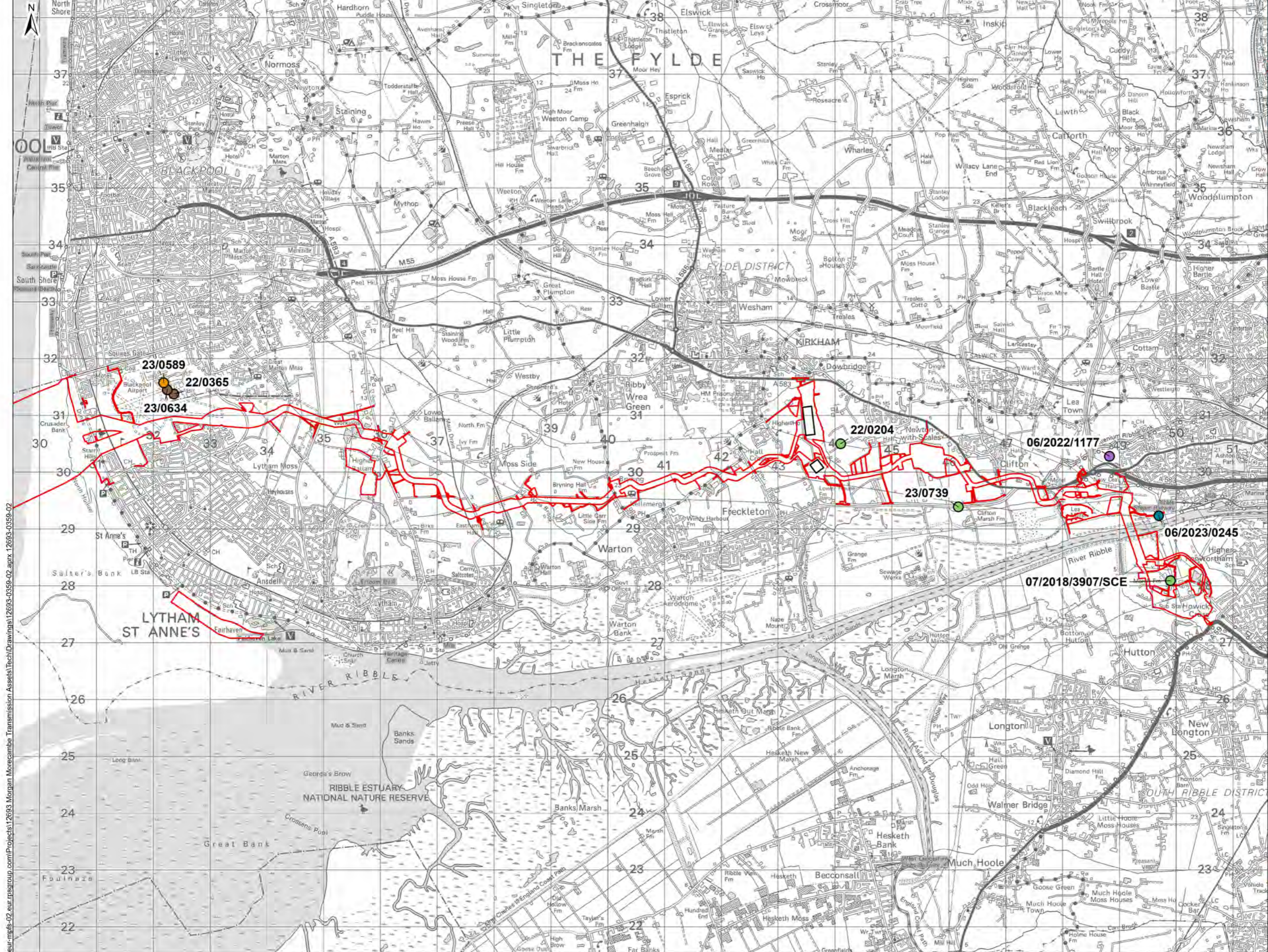


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Datum: OSGB 1936  
Projection: British National Grid  
Scale@379mmx231mm: 1:12,500

**Data Sources:** Client, The Crown Estate, MMO, NRW, ScotGov, MarineRegions.org

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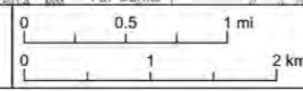


- LEGEND**
- Transmission Assets Order Limits
  - Onshore substation sites
  - Proposed Developments**
    - Commercial
    - Energy
    - Industrial
    - Infrastructure
    - Residential

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

**Drawing Title:**  
DEVELOPMENTS INCLUDED IN THE CUMULATIVE EFFECTS ASSESSMENT



**Geodetic information:**  
Datum: OSGB 1936  
Projection: British National Grid  
Scale@379mmx231mm: 1:60,000

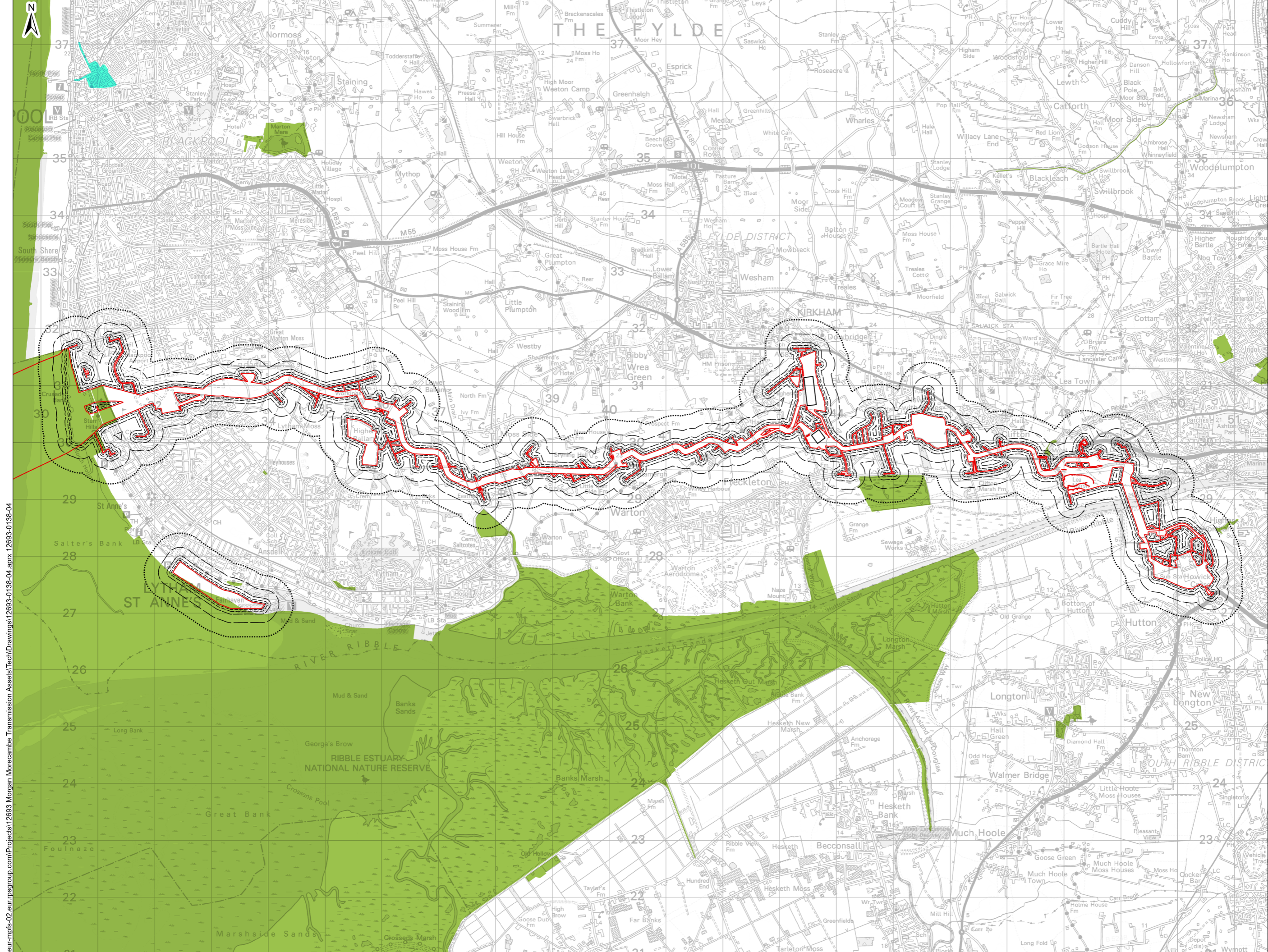
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Figure 8.5  
**Drawing Number:**  
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VER	DATE	DETAILS	BY	CHECK
02	23/09/24	FINAL	AC	PL

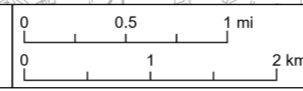


- LEGEND**
- Transmission Assets Order Limits
  - Onshore substation sites
  - Construction dust buffers**
    - 20 m
    - 50 m
    - 100 m
    - 250 m
    - Cumulative 500 m buffer
  - Air Quality Management Area
  - Designated ecological site

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

**Drawing Title:**  
CONSTRUCTION DUST ASSESSMENT BUFFERS



**Geodetic Information:**  
Datum: OSGB 1936  
Projection: British National Grid  
Scale@379mmx231mm: 1:60,000

**Data Sources:** Client, The Crown Estate, MMO, NRW, ScotGov, MarineRegions.org

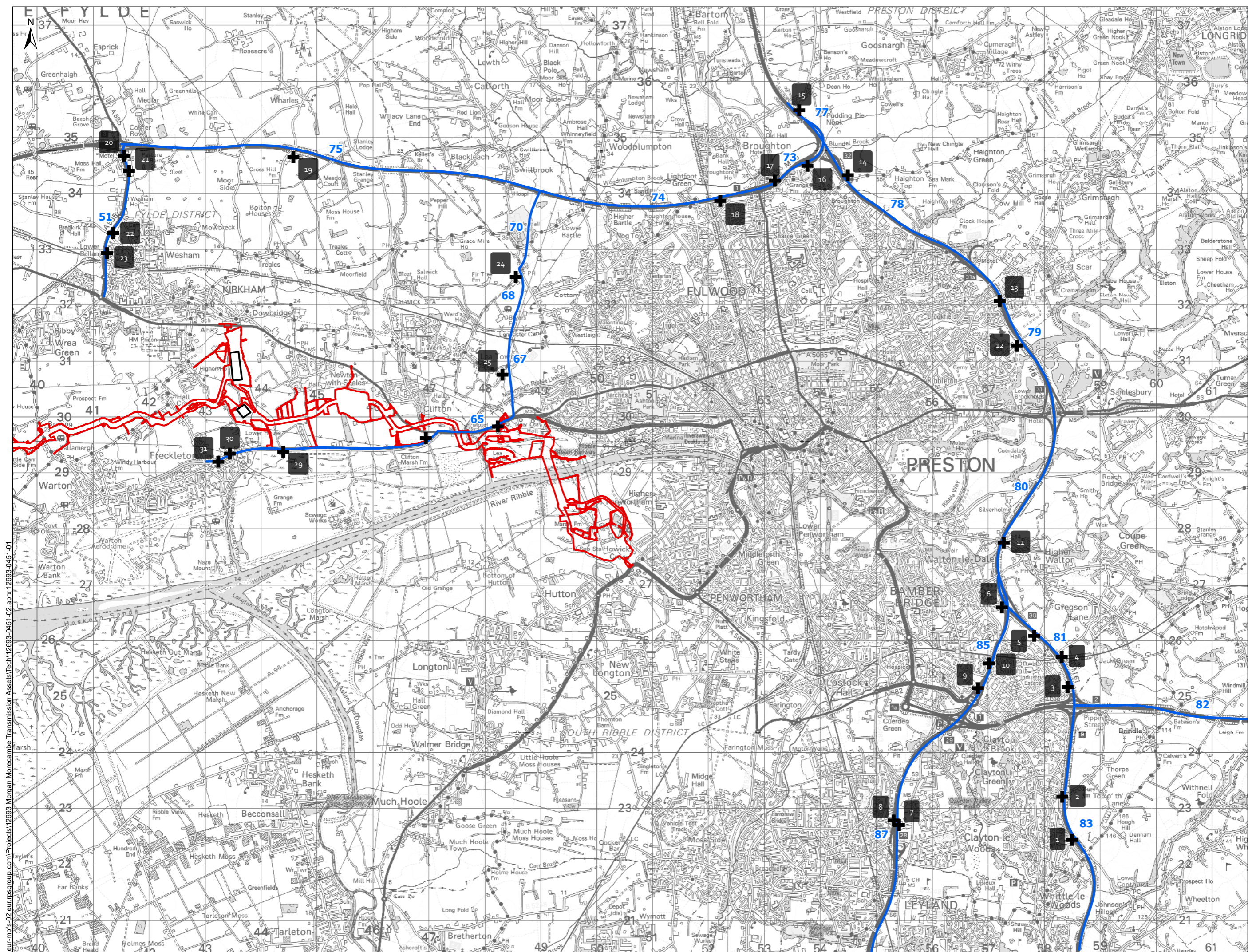
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Figure 9.1  
**Drawing Number:**  
12693-0138-04

VER	DATE	DETAILS	BY	CHECK
04	20/09/24	FINAL	AC	GC



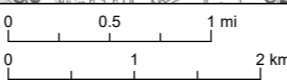


- LEGEND**
- ▭ Transmission Assets Order Limits
  - Onshore substation sites
  - + Human health receptors
  - Road links

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

**Drawing Title:**  
HUMAN HEALTH RECEPTORS



**Geodetic Information:**  
Datum: OSGB 1936  
Projection: British National Grid  
Scale@379mmx231mm: 1:60,000

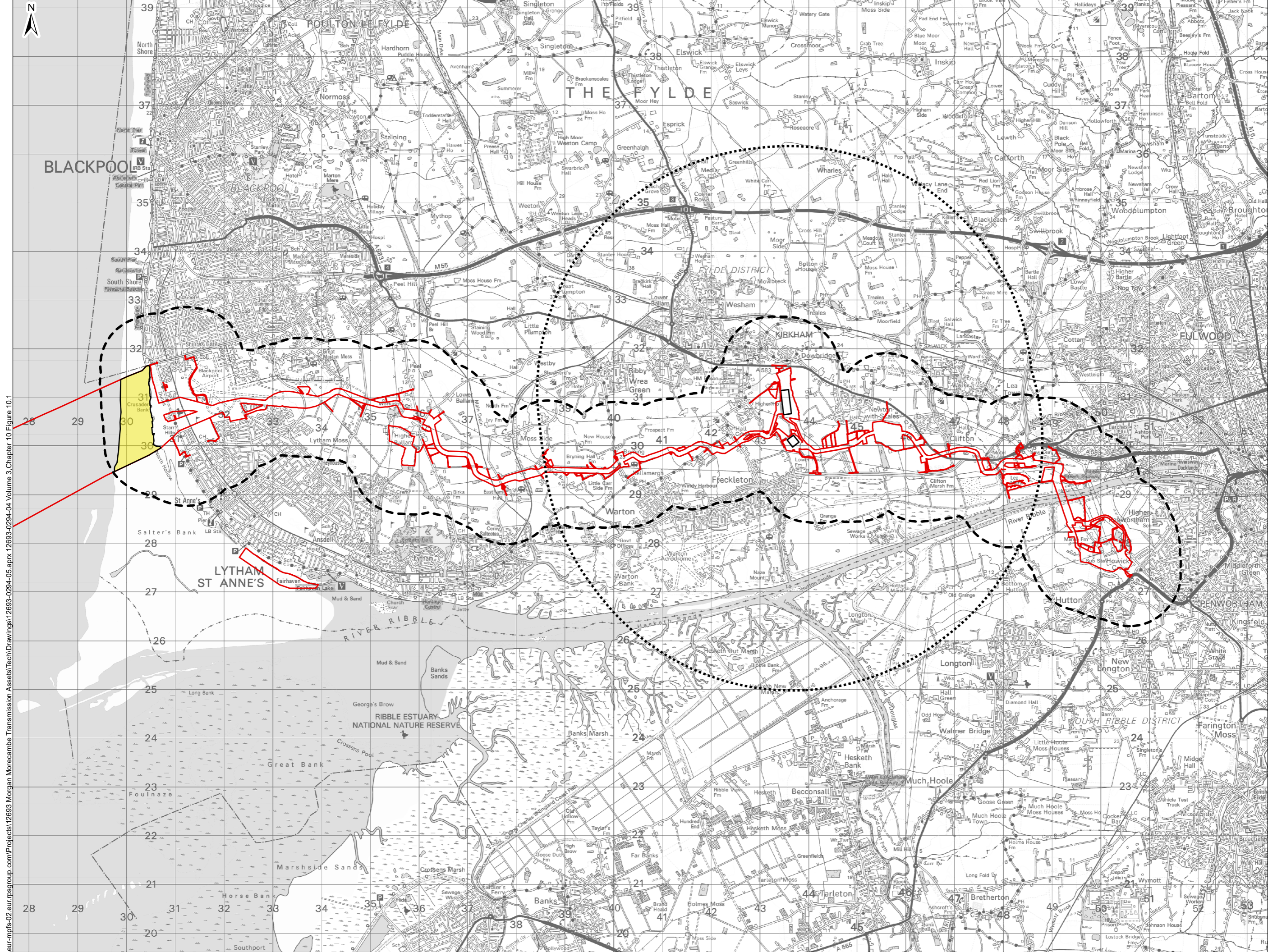
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Figure 9.2  
**Drawing Number:**  
12693-0451-02

VER	DATE	DETAILS	BY	CHECK
01	25/09/24	FINAL	AC	GC



- LEGEND**
- Transmission Assets Order Limits
  - Onshore substation sites
  - Intertidal Infrastructure Area
  - 5 km buffer from onshore substations
  - 1 km buffer from onshore order limits

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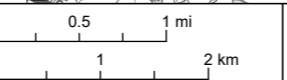


Figure 10.1

Drawing Number:  
12693-0294-05

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

**Drawing Title:**  
LANDSCAPE AND VISUAL RESOURCES STUDY AREA

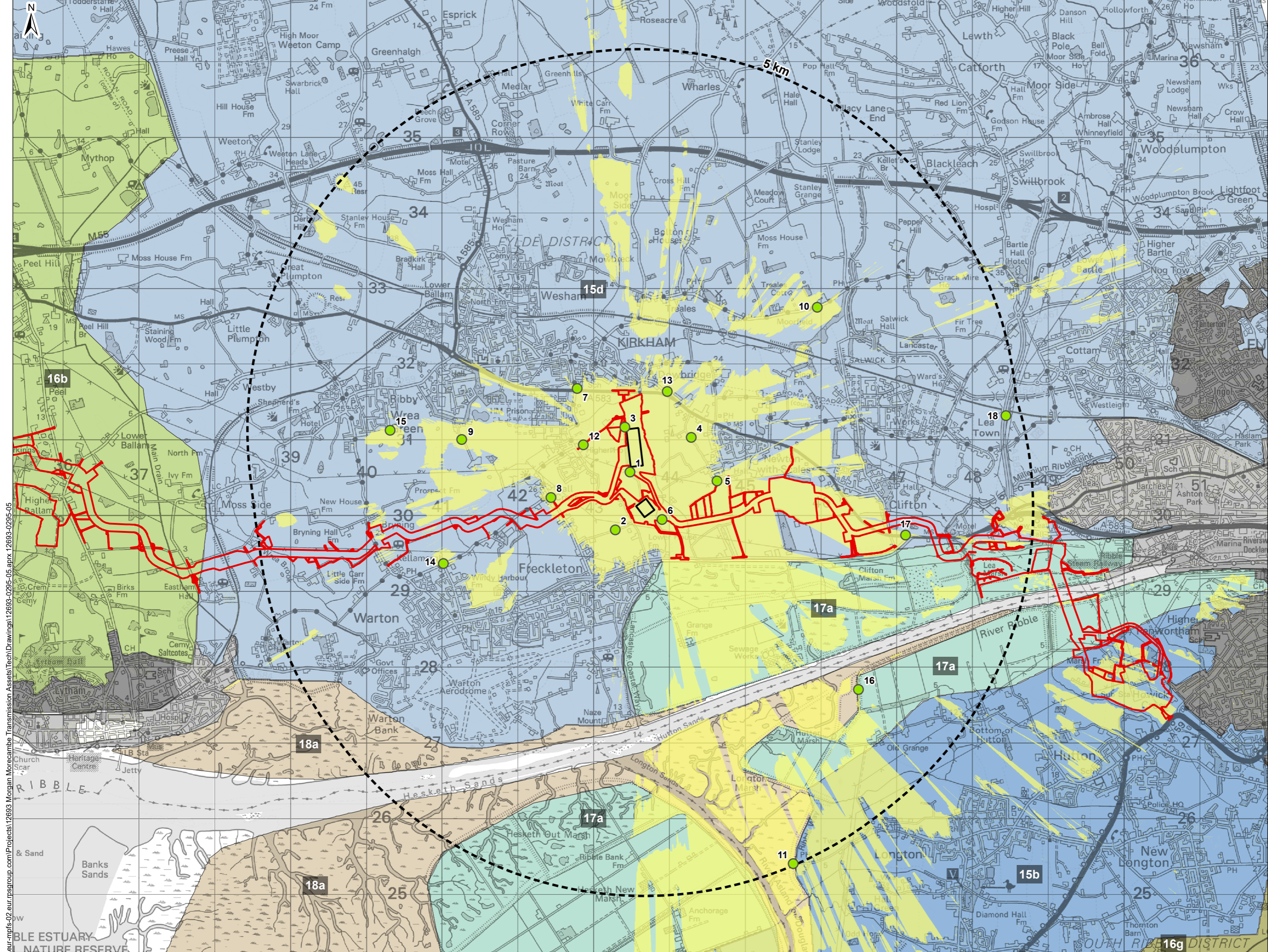


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Projection: British National Grid  
Scale@379mmx231mm: 1:70,000

**Data Sources:** Client, The Crown Estate, MMO, NRW, ScotGov, MarineRegions.org

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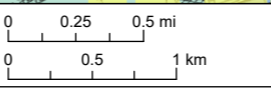


- LEGEND**
- Transmission Assets Order Limits
  - Onshore substation sites
  - 5 km Radius Study Area
  - Representative Viewpoints (ES)
  - Zone of Theoretical Visibility
- Landscape Character Areas**
- 15b: Coastal Plain - Longton-Bretherton
  - 15d: Coastal Plain - The Fylde
  - 16b: Mosslands - South Fylde Mosses
  - 16g: Mosslands - Hoole and Farrington Mosses
  - 17a: Enclosed Coastal Marsh
  - 18a: Open Coastal Marsh
  - Industrial Age
  - Suburban

Path: L1 P:\eur-mpfs-02-ur-ppsgroup.com\Projects\12693 Morgan Morecambe Transmission Assets\Tech\Drawings\12693-0295-05.aprx.12693-0295-05

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

**Drawing Title:**  
MORGAN AND MORECAMBE ONSHORE SUBSTATIONS ZONES OF THEORETICAL VISIBILITY, REPRESENTATIVE VIEWPOINTS AND LANDSCAPE CHARACTER AREAS



**Geodetic Information:**  
Datum: OSGB 1936  
Projection: British National Grid  
Scale@379mmx231mm: 1:45,000

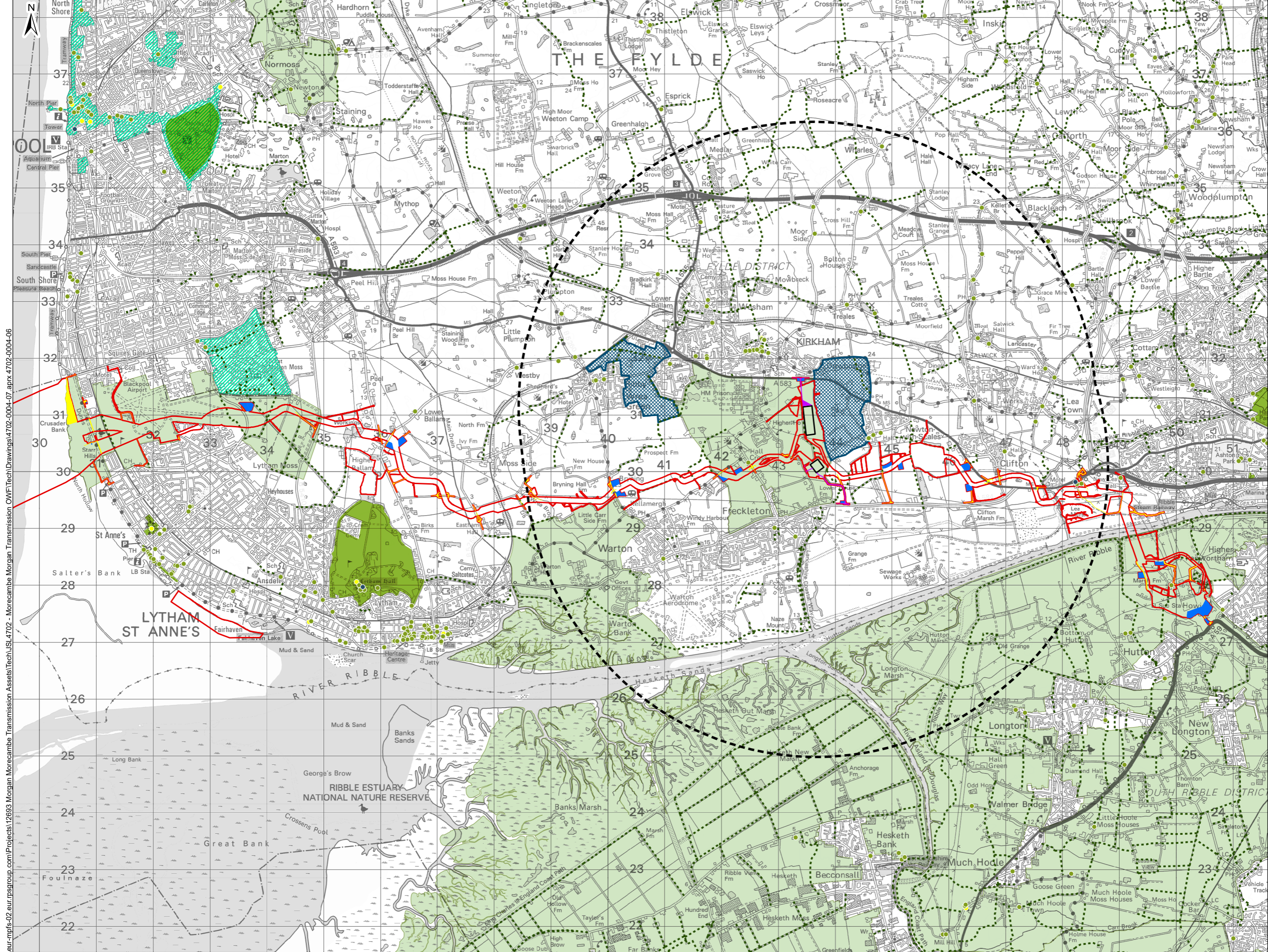
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Figure 10.2  
Drawing Number:  
12693-0295-05

VER	DATE	DETAILS	BY	CHECK
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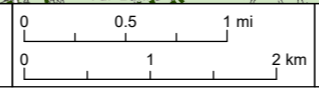


- LEGEND**
- Transmission Assets Order Limits
  - Onshore substation sites
  - 5 km buffer from onshore substation sites
  - Temporary cable corridor construction access
  - Temporary construction compound
  - Substation access
  - Areas of separation
  - Conservation area
  - Green Belt
  - Parks and gardens
  - Public right of way
- Listed buildings**
- Grade I
  - Grade II
  - Grade II\*

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

**Drawing Title:**  
ONSHORE DESIGNATIONS AND CONTEXT



**Geodetic Information:**  
Datum: OSGB 1936  
Projection: British National Grid  
Scale@379mmx231mm: 1:60,000

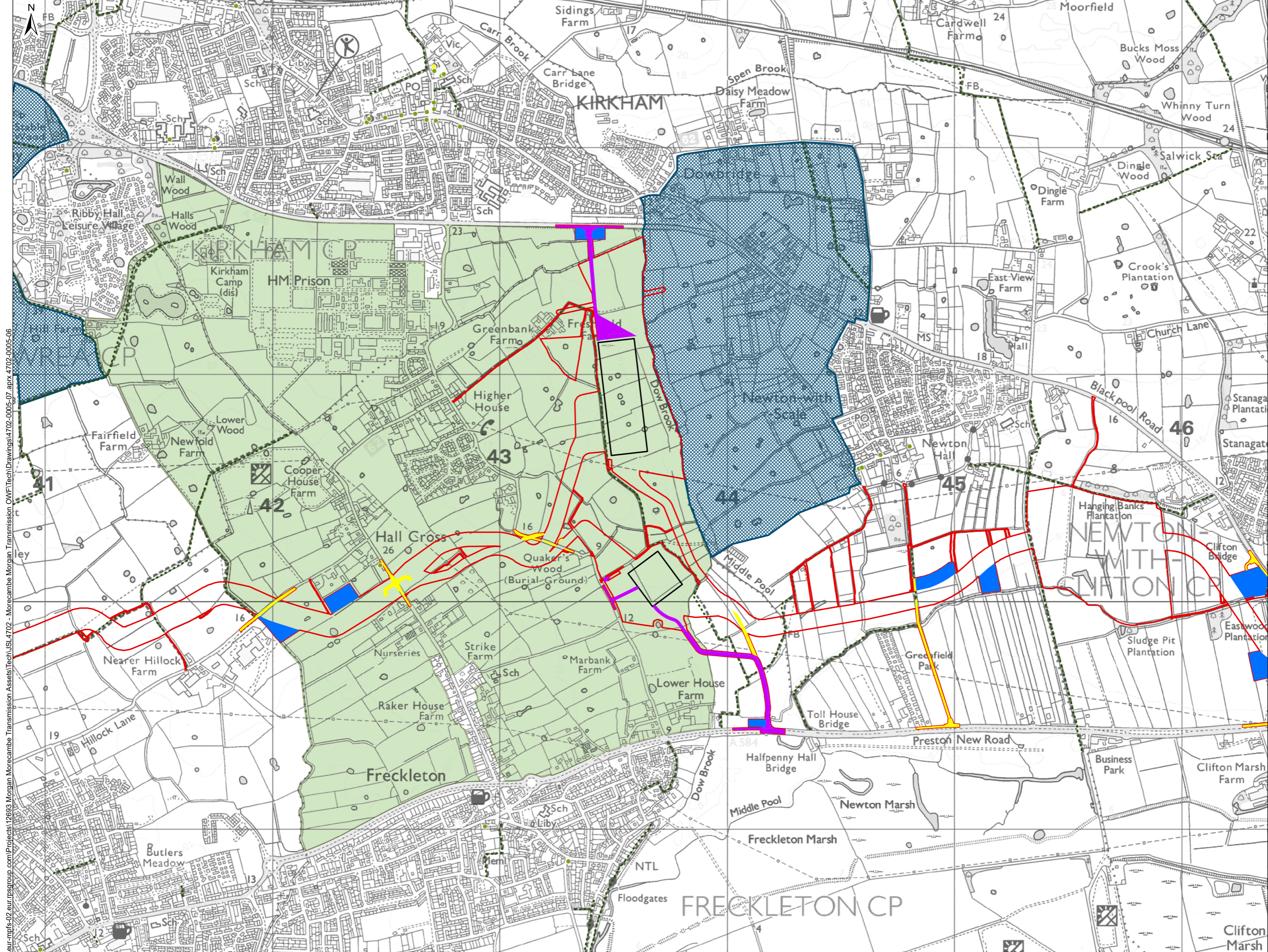
**Data Sources:** Client, The Crown Estate, MMO, NRW, ScotGov, MarineRegions.org

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Figure 10.3  
Drawing Number:  
4702-0004-07

VER	DATE	DETAILS	BY	CHECK
06	24/09/24	FINAL	AC	CD



- LEGEND**
- Transmission Assets Order Limits
  - Onshore substation sites
  - Temporary cable corridor
  - construction access
  - Temporary construction compound
  - Substation access
  - Areas of separation
  - Green Belt
- Listed buildings**
- Grade II
  - Grade II\*

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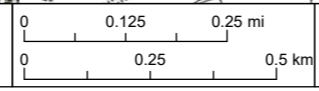


Figure 10.4

Drawing Number:  
4702-0005-07

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

**Drawing Title:**  
LANDSCAPE CONTEXT AND DESIGNATIONS: SUBSTATIONS



**Geodetic Information:**  
Datum: OSGB 1936  
Projection: British National Grid  
Scale@379mmx231mm: 1:15,000

**Data Sources:** Client, The Crown Estate, MMO, NRW, ScotGov, MarineRegions.org

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