

Outer Dowsing Offshore Wind

Environmental Statement

Chapter 28 Landscape and Visual Assessment

Volume 2 Figures

Part 1 of 15

Date: March 2024

Document Reference: 6.2.28.1

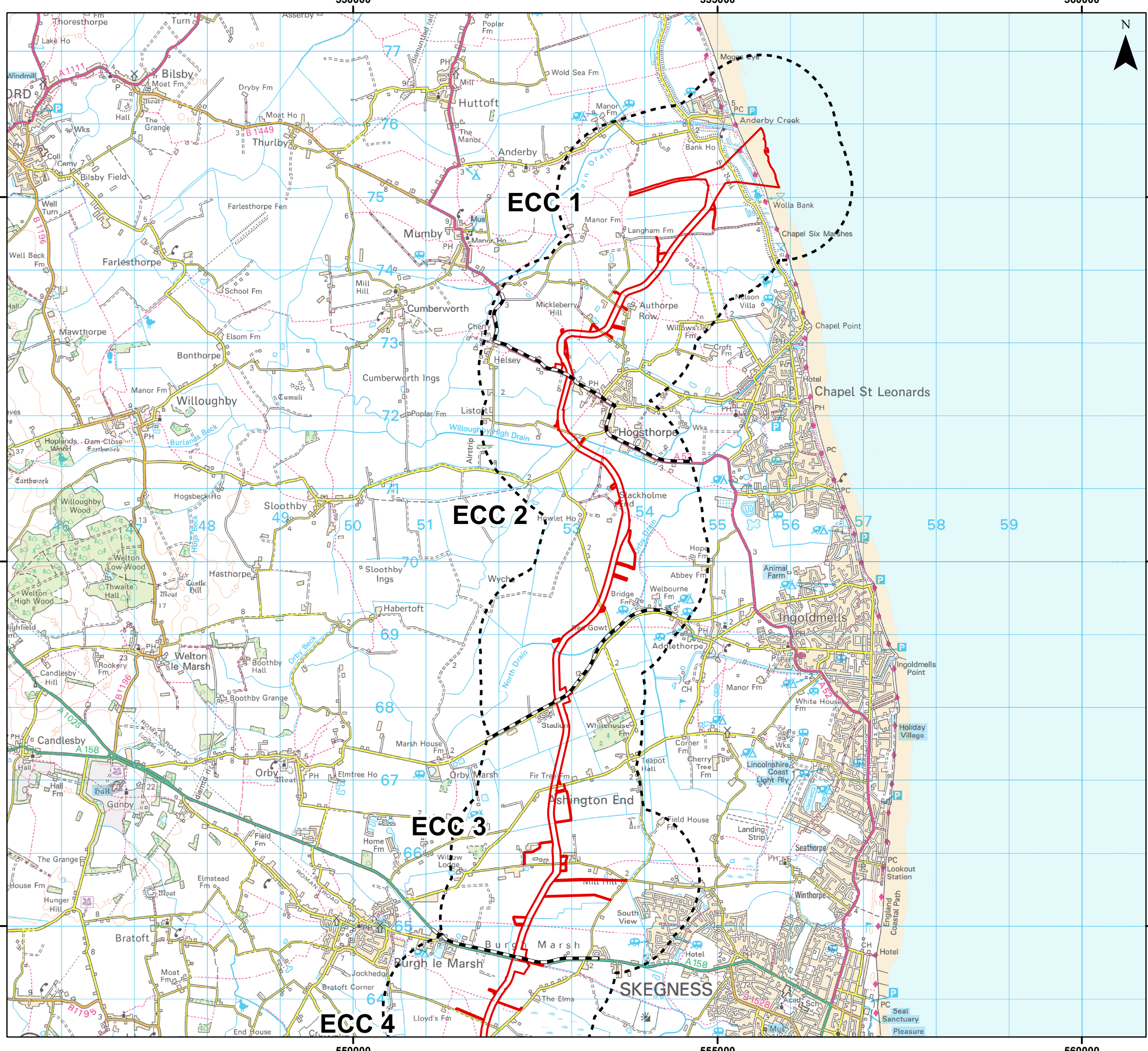
Pursuant to APFP Regulation: 5(2)(a)

Rev: 1.0

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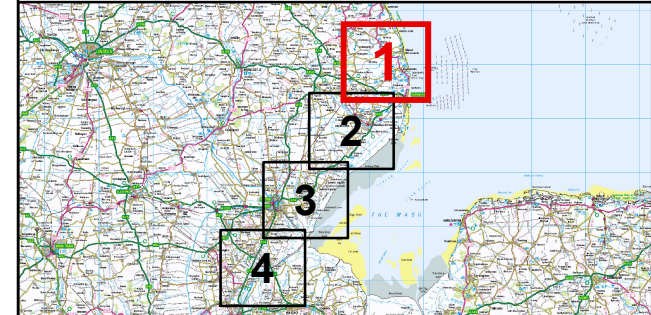
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Legend

- Order Limits
- Order Limits 1km Study Area
- Onshore Segment Break

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Study Area
 Landfall / Onshore Cable Route (1 of 4)

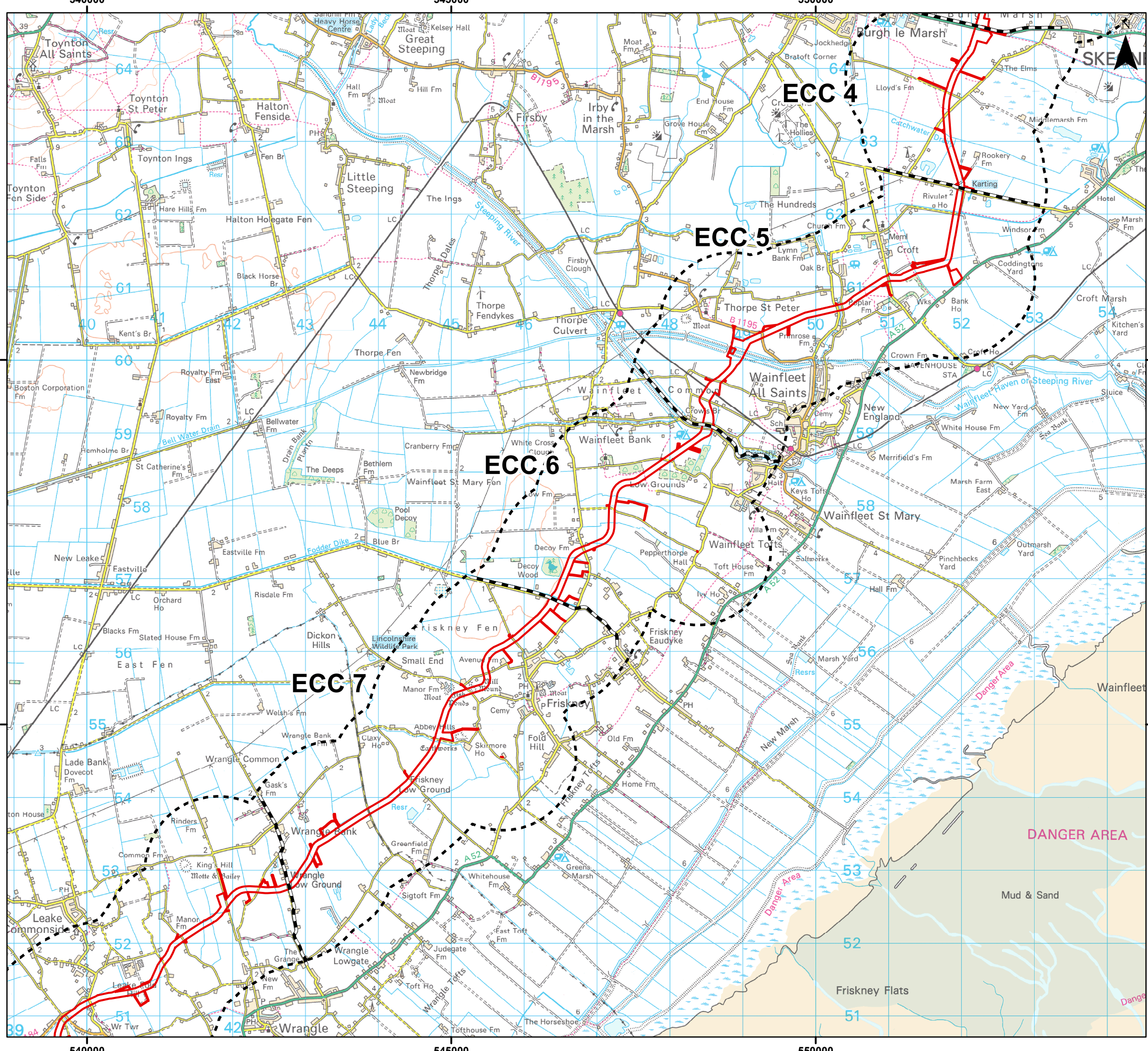
Figure 28.1

OUTER DOWING
OFFSHORE WIND




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open
optimised environments

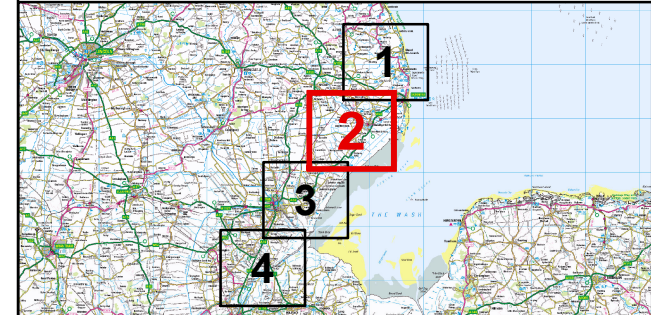
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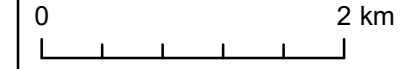
Legend

-  Order Limits
-  Order Limits 1km Study Area
-  Onshore Segment Break

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Study Area
 Onshore Cable Route (North) (2 of 4)

Figure 28.2



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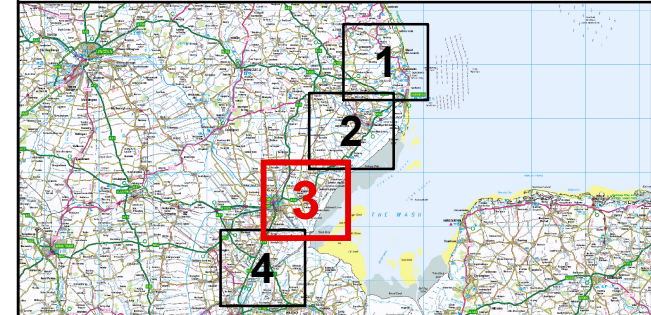
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Legend

- Order Limits
- Order Limits 1km Study Area
- Onshore Segment Break

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Study Area
 Onshore Cable Route (South) (3 of 4)

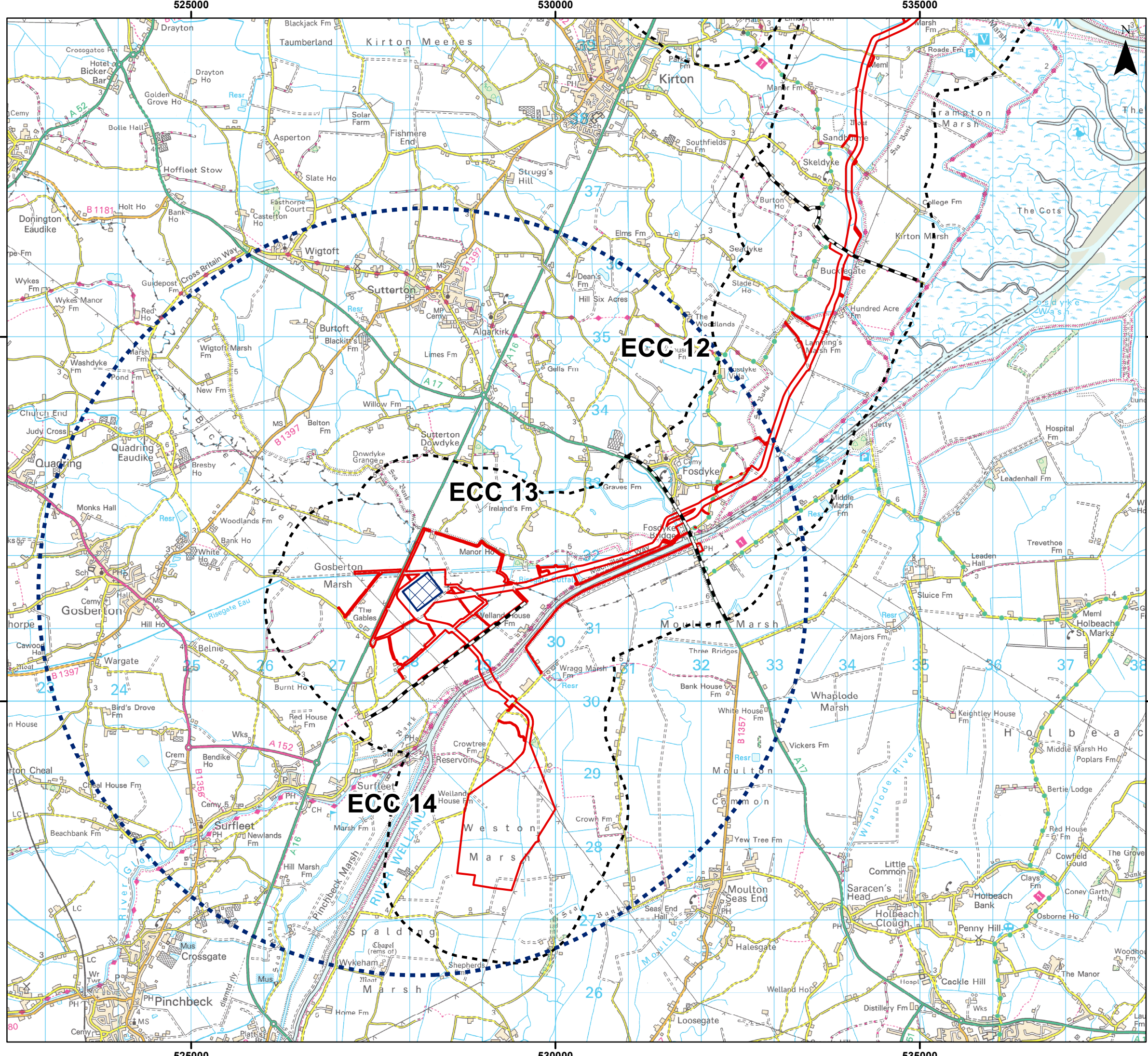
Figure 28.3








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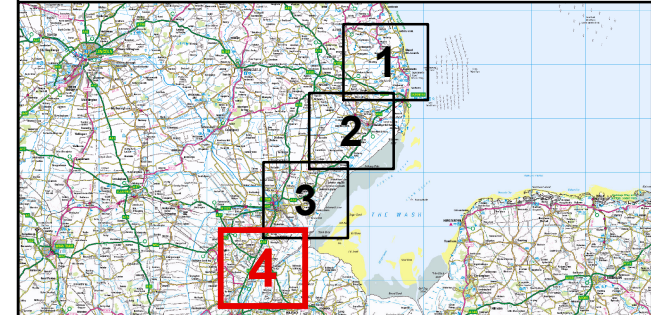
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Legend

-  ONSS Site
-  Order Limits
-  Order Limits 1km Study Area
-  ONSS Site 5km Study Area
-  Onshore Segment Break

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Study Area
 Onshore Cable Route / OnSS (4 of 4)

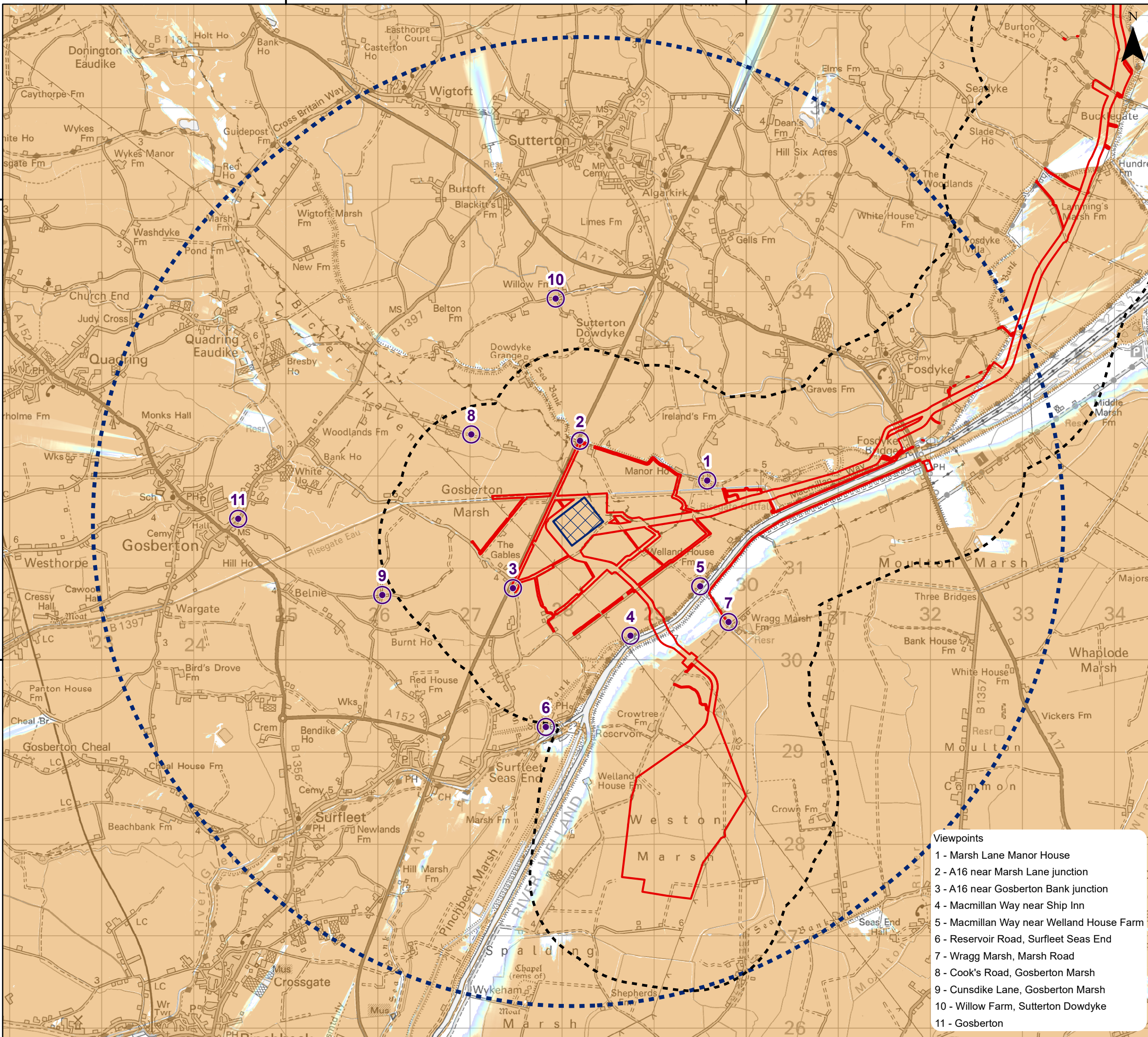
Figure 28.4








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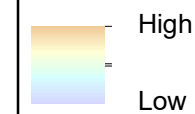


Legend

-  OnSS Site
-  Order Limits
-  Order Limits 1km Study
-  OnSS Site 5km Study
-  Representative Viewpoint

Bare Ground ZTV*

(Theoretical Visibility of a large number of points arranged around the upper perimeter of the maximum substation 3D envelope.)

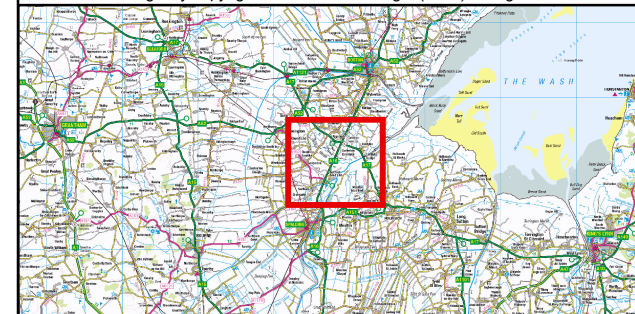


ZTV has been generated based on the dimensions of the AIS substation footprint combined with the maximum height of the GIS substation to ensure theoretical visibility represents the maximum dimensions.

*This ZTV shows higher to lower visibility based on the amount of onshore substation visible as represented by a perimeter of points with a 10m spacing arranged around the upper perimeter of the maximum substation 3D envelope. The ZTV does not indicate the decrease in scale that occurs with increased distance from the onshore substation.

Substation Height:	20.9m	Observer height:	2m
DTM:	EA LIDAR DTM 2m	Surface features:	Excluded
DTM resolution:	2m	Earth curvature:	Included

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OnSS Bare Ground ZTV with Viewpoints

Figure 28.5

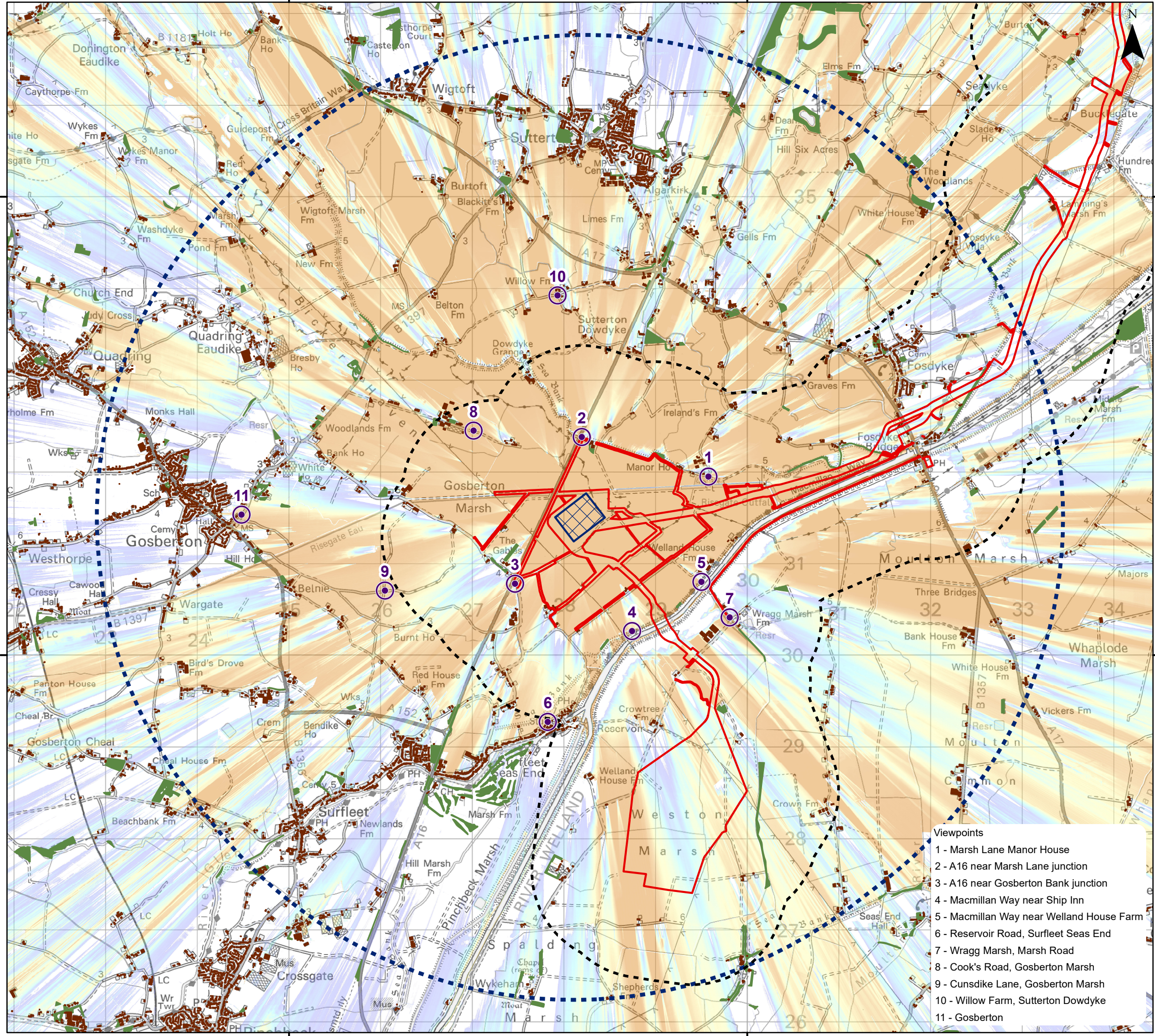


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Viewpoints

- 1 - Marsh Lane Manor House
- 2 - A16 near Marsh Lane junction
- 3 - A16 near Gosberton Bank junction
- 4 - Macmillan Way near Ship Inn
- 5 - Macmillan Way near Welland House Farm
- 6 - Reservoir Road, Surfleet Seas End
- 7 - Wragg Marsh, Marsh Road
- 8 - Cook's Road, Gosberton Marsh
- 9 - Cunsdike Lane, Gosberton Marsh
- 10 - Willow Farm, Sutterton Dowdyke
- 11 - Gosberton

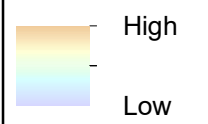


Legend

- OnSS Site
- Order Limits
- Order Limits 1km Study Area
- OnSS Site 5km Study Area
- Representative Viewpoint
- Building
- Woodland

Screened ZTV*

(Theoretical Visibility of a large number of points arranged around the upper perimeter of the maximum substation 3D envelope.)

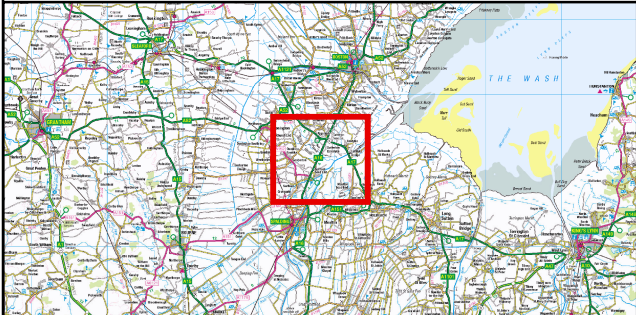


ZTV has been generated based on the dimensions of the AIS substation footprint combined with the maximum height of the GIS substation to ensure theoretical visibility represents the maximum dimensions.

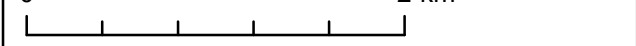
*This ZTV shows higher to lower visibility based on the amount of onshore substation visible as represented by a perimeter of points with a 10m spacing arranged around the upper perimeter of the maximum substation 3D envelope. The ZTV does not indicate the decrease in scale that occurs with increased distance from the onshore substation.

Substation Height:	20.9m	Observer height:	2m
DSM:	EA LIDAR DSM 2m	Surface features:	Included
DSM resolution:	2m	Earth curvature:	Included

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OnSS Screened ZTV with Viewpoints (Existing Screening)

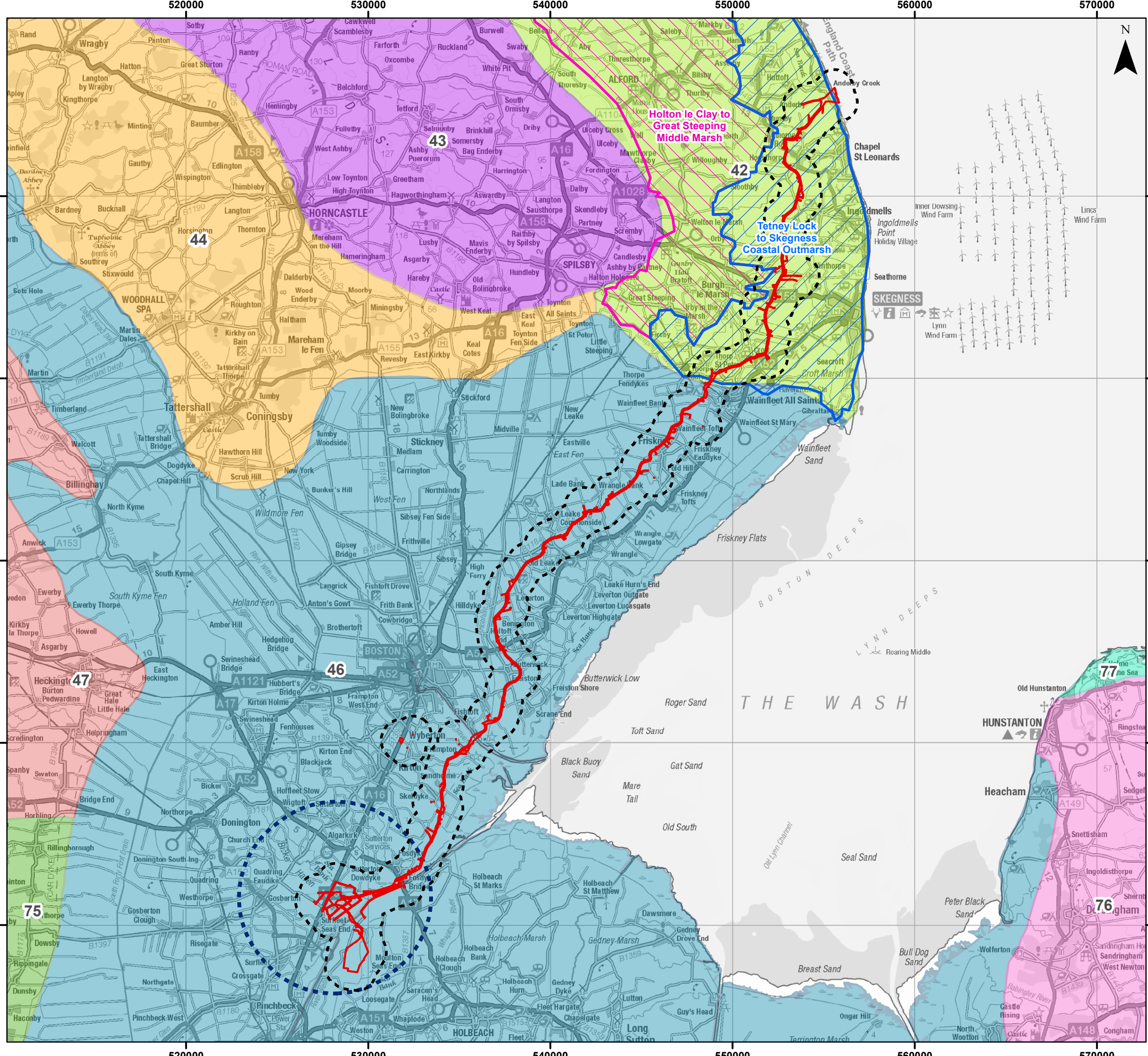
Figure 28.6



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- Viewpoints
- 1 - Marsh Lane Manor House
 - 2 - A16 near Marsh Lane junction
 - 3 - A16 near Gosberton Bank junction
 - 4 - Macmillan Way near Ship Inn
 - 5 - Macmillan Way near Welland House Farm
 - 6 - Reservoir Road, Surfleet Seas End
 - 7 - Wragg Marsh, Marsh Road
 - 8 - Cook's Road, Gosberton Marsh
 - 9 - Cunsdike Lane, Gosberton Marsh
 - 10 - Willow Farm, Sutterton Dowdyke
 - 11 - Gosberton



Legend

- Order Limits
- Order Limits 1km Study Area
- OnSS Site 5km Study Area

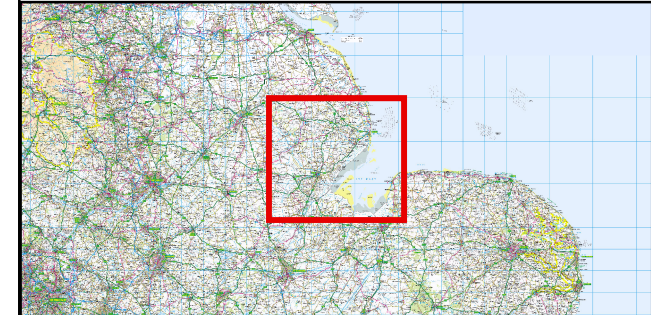
National Landscape Character Areas

- 42 - Lincolnshire Coast and Marshes
- 43 - Lincolnshire Wolds
- 44 - Central Lincolnshire Vale
- 46 - The Fens
- 47 - Southern Lincolnshire Edge
- 75 - Kesteven Uplands
- 76 - North West Norfolk
- 77 - North Norfolk Coast

East Lindsey District Landscape Character Areas

- Holton le Clay to Great Steeping Middle Marsh
- Tetney Lock to Skegness Coastal Outmarsh

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National Landscape Character Areas

Figure 28.7

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