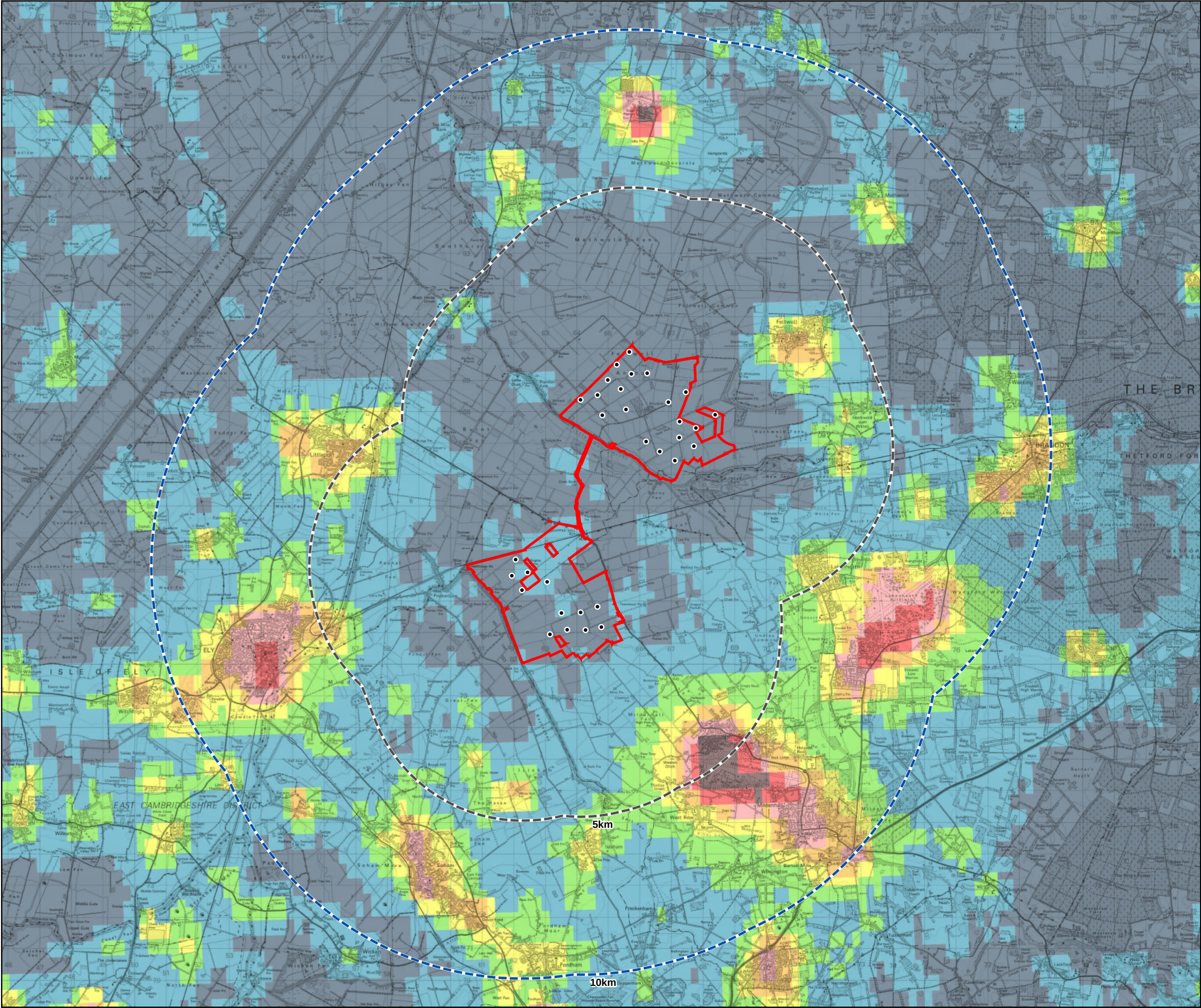




— LVIA Landscape Character Study Area (10 km)

— Indicative Order Limits

— 5 km Buffer of Indicative Order Limits

• Indicative Turbine Location

CPRE Night Lights (England)

NanoWatts/cm²/sr

< 0.5 (Darkest)

0.5 - 1

1 - 2

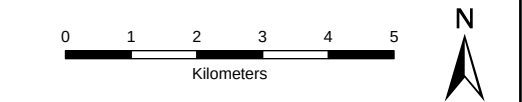
2 - 4

4 - 8

8 - 16

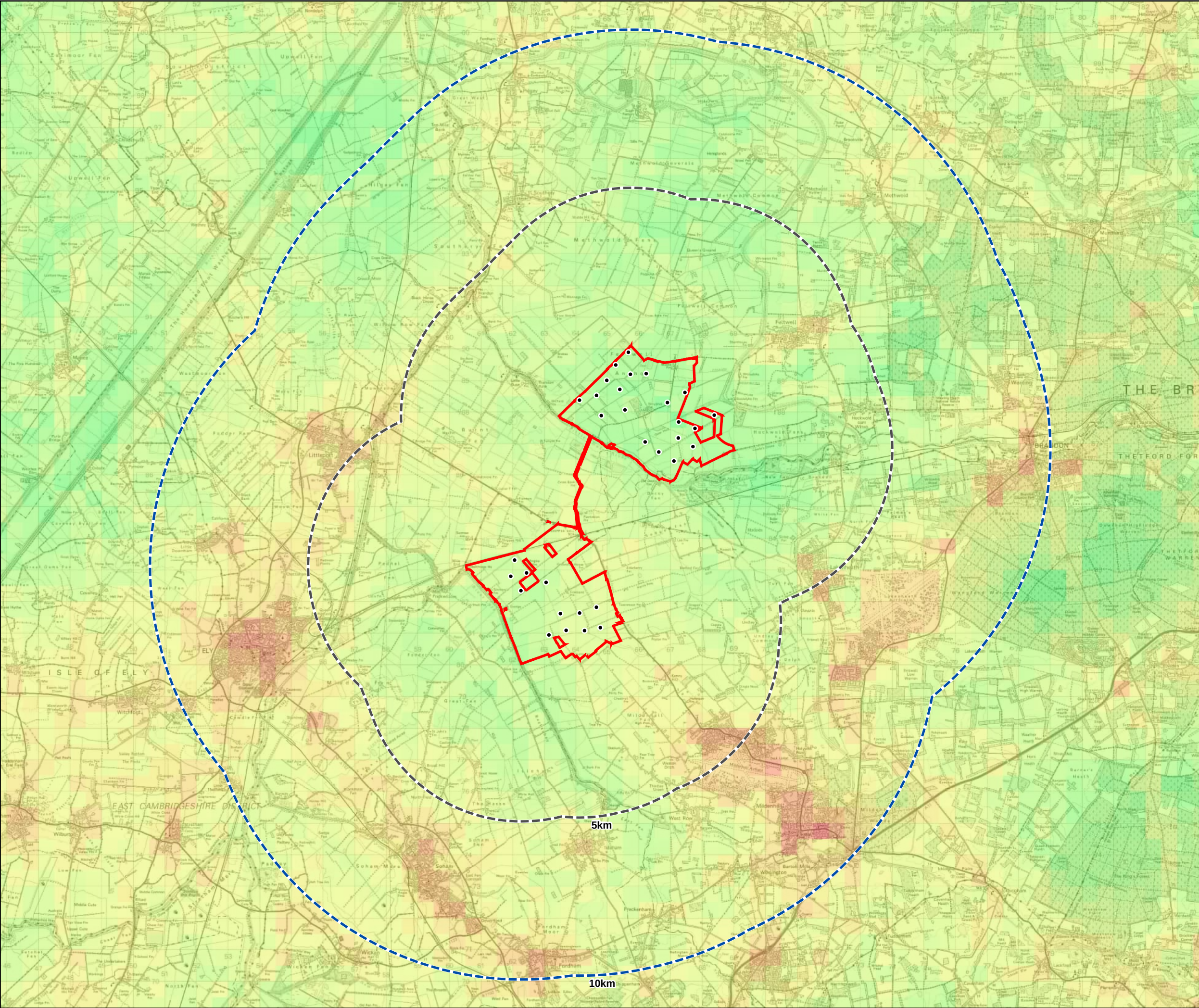
16 - 32

> 32 (Brightest)



SCALE: 1:115,000	VERSION: A01
SIZE: A3	DRAWN: RW
PROJECT: 0824470	CHECKED: HD
DATE: 14/09/2026	APPROVED: JH

Figure 9.5 Night Blight LVIA
Redmere Wind Farm



LVIA Landscape Character Study Area
(10 km)

Indicative Order Limits

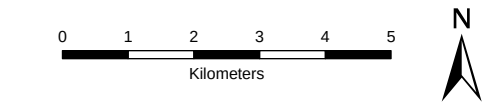
5 km Buffer of Indicative Order Limits

Indicative Turbine Location

Composite Weighted Scoring - Tranquillity

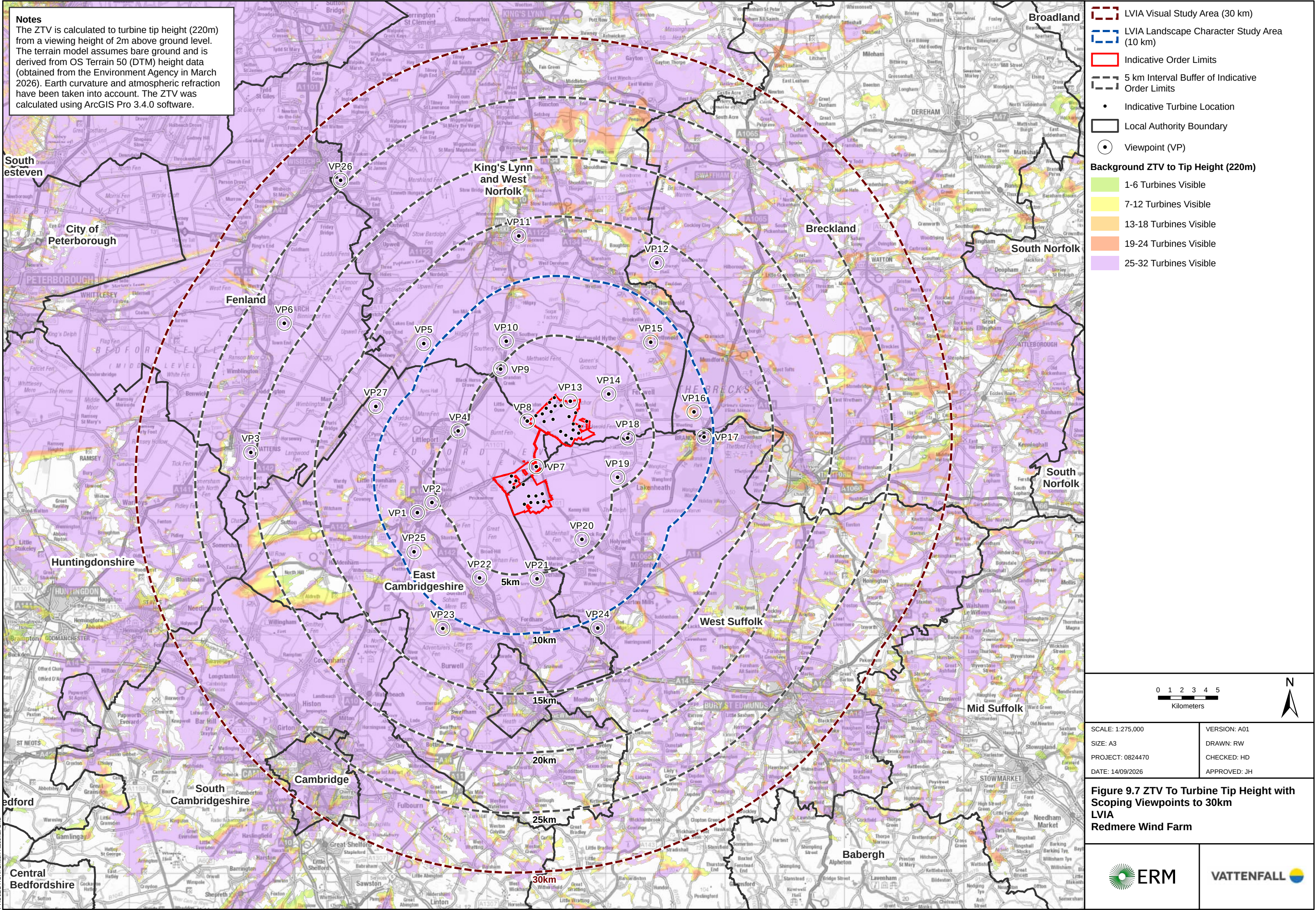
Most Tranquil

Least Tranquil

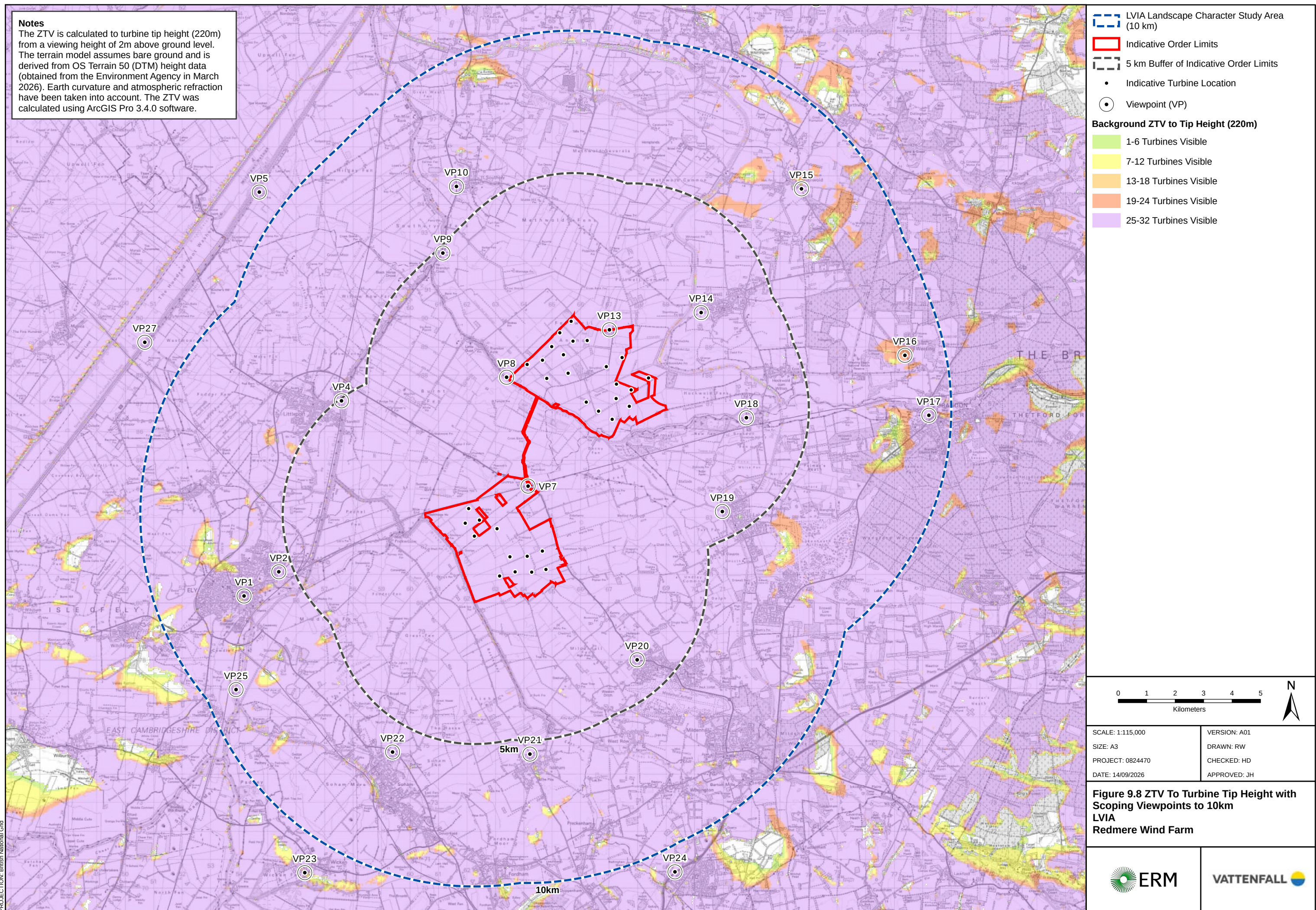


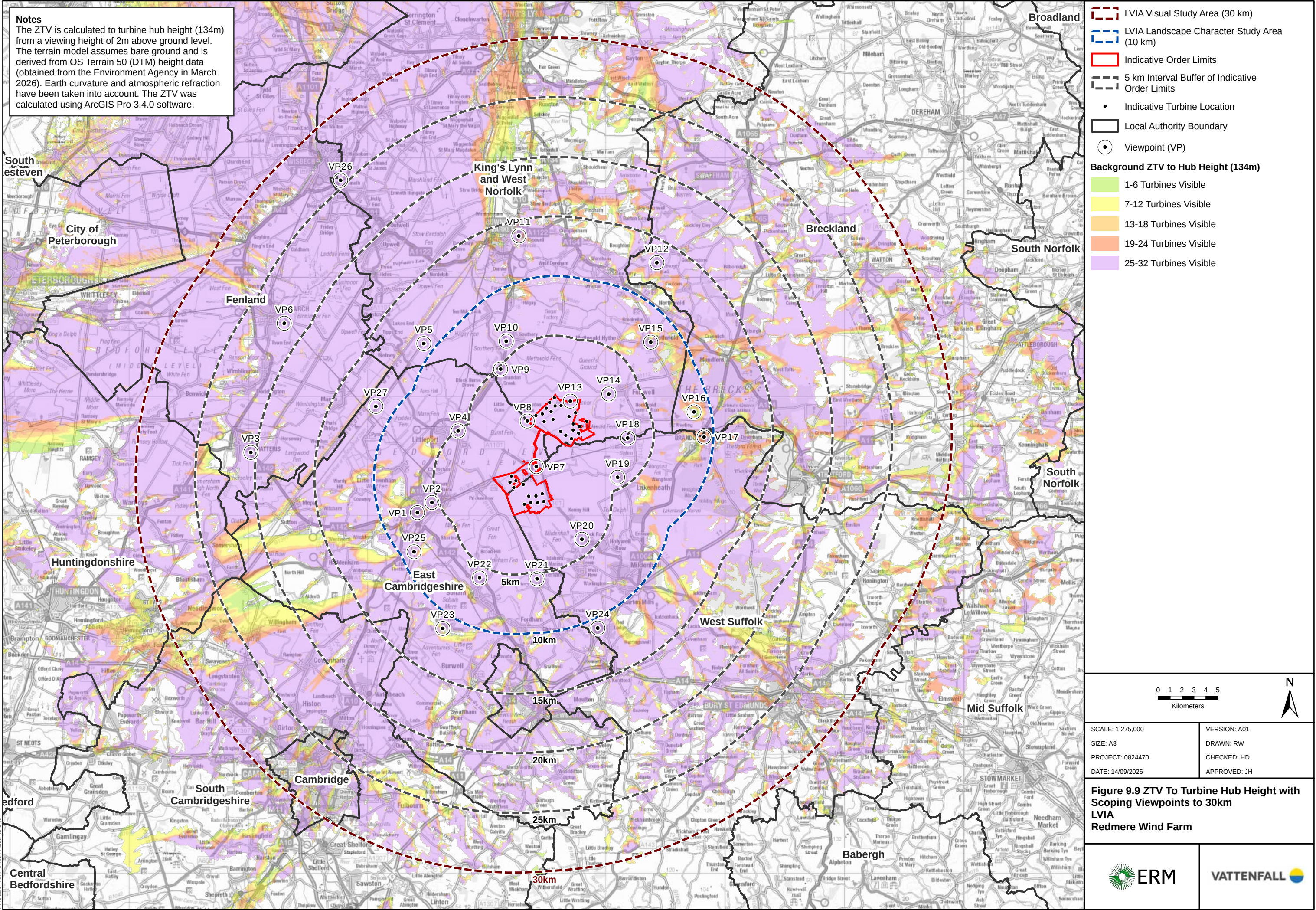
SCALE: 1:115,000	VERSION: A01
SIZE: A3	DRAWN: RW
PROJECT: 0824470	CHECKED: HD
DATE: 14/09/2026	APPROVED: JH

**Figure 9.6 Tranquillity
LVIA
Redmere Wind Farm**

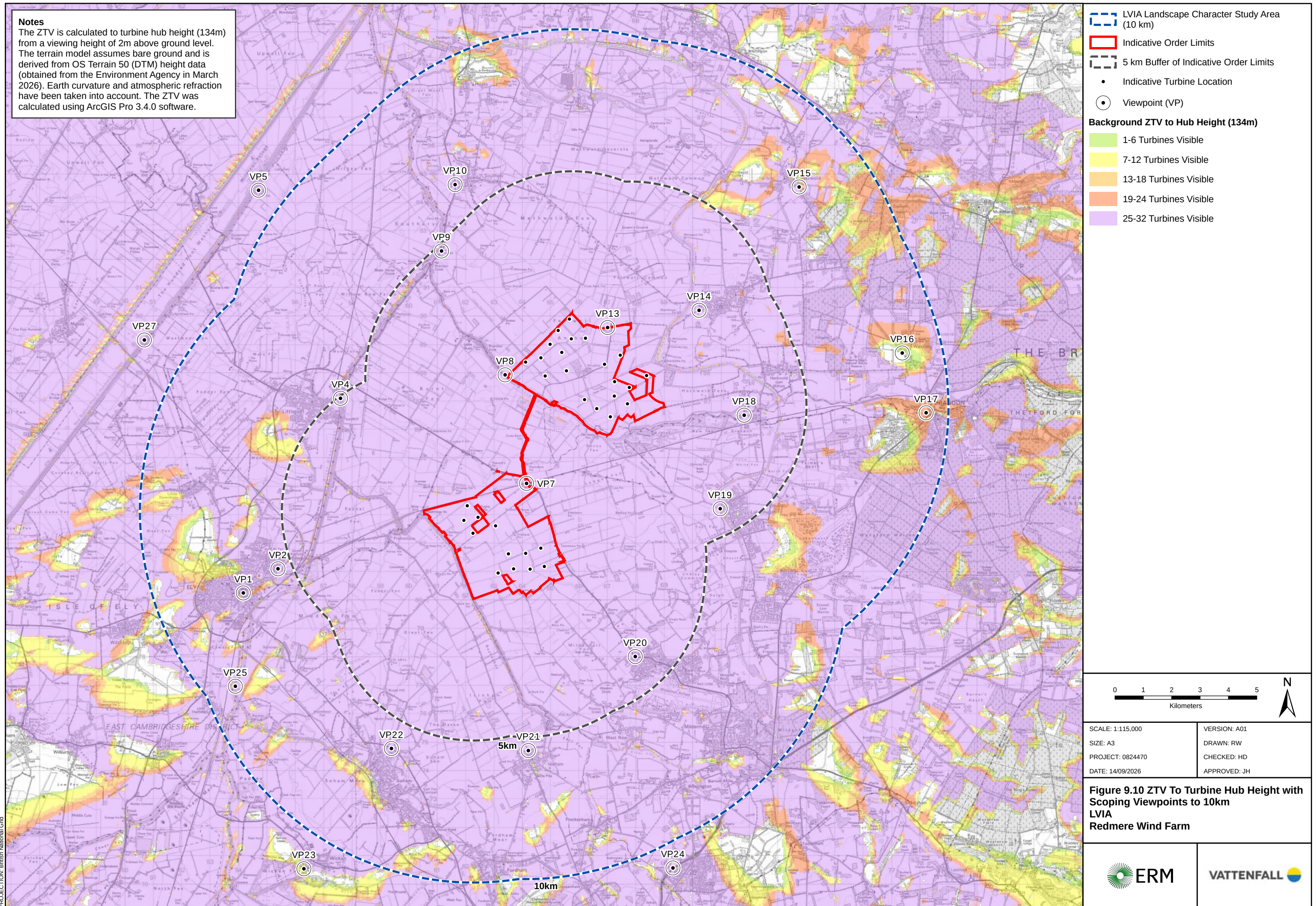


The ZTV is calculated to turbine tip height (220m) from a viewing height of 2m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 (DTM) height data (obtained from the Environment Agency in March 2026). Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcGIS Pro 3.4.0 software.

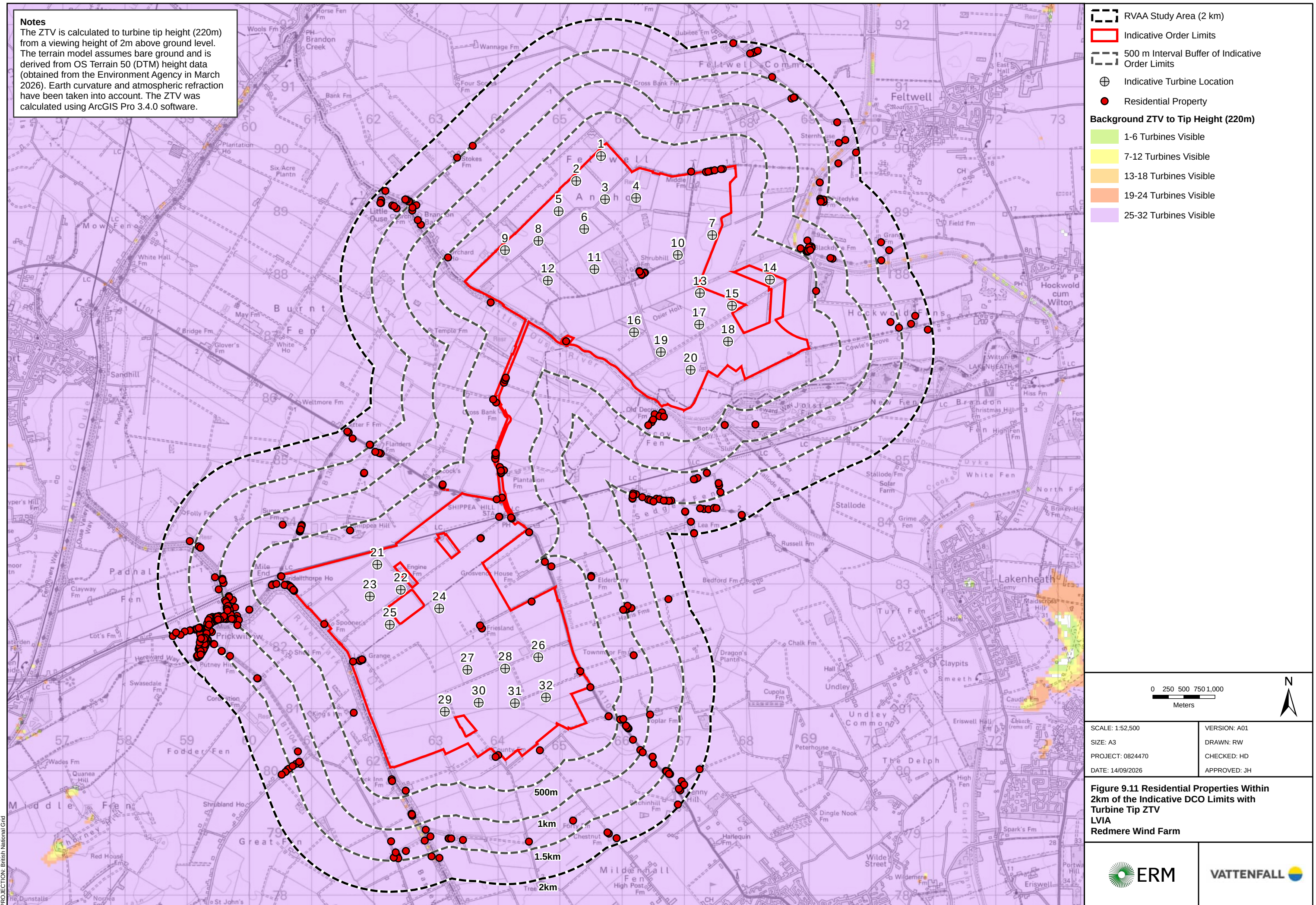




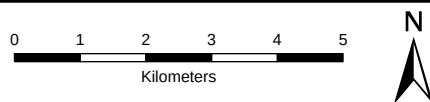
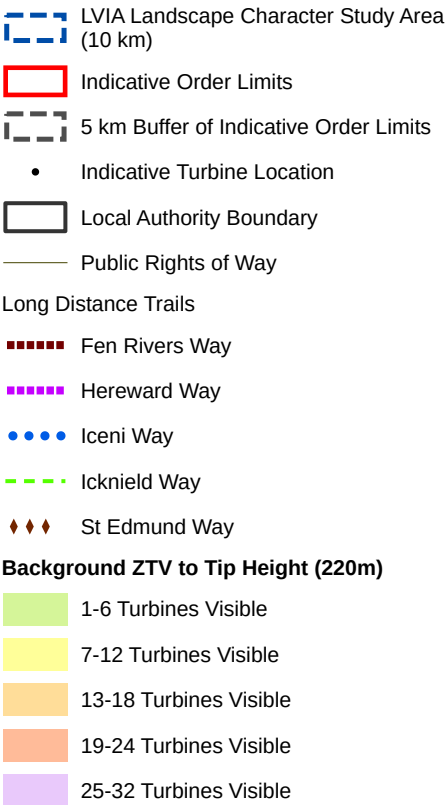
The ZTV is calculated to turbine hub height (134m) from a viewing height of 2m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 (DTM) height data (obtained from the Environment Agency in March 2026). Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcGIS Pro 3.4.0 software.



The ZTV is calculated to turbine tip height (220m) from a viewing height of 2m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 (DTM) height data (obtained from the Environment Agency in March 2026). Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcGIS Pro 3.4.0 software.



The ZTV is calculated to turbine tip height (220m) from a viewing height of 2m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 (DTM) height data (obtained from the Environment Agency in March 2026). Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcGIS Pro 3.4.0 software.

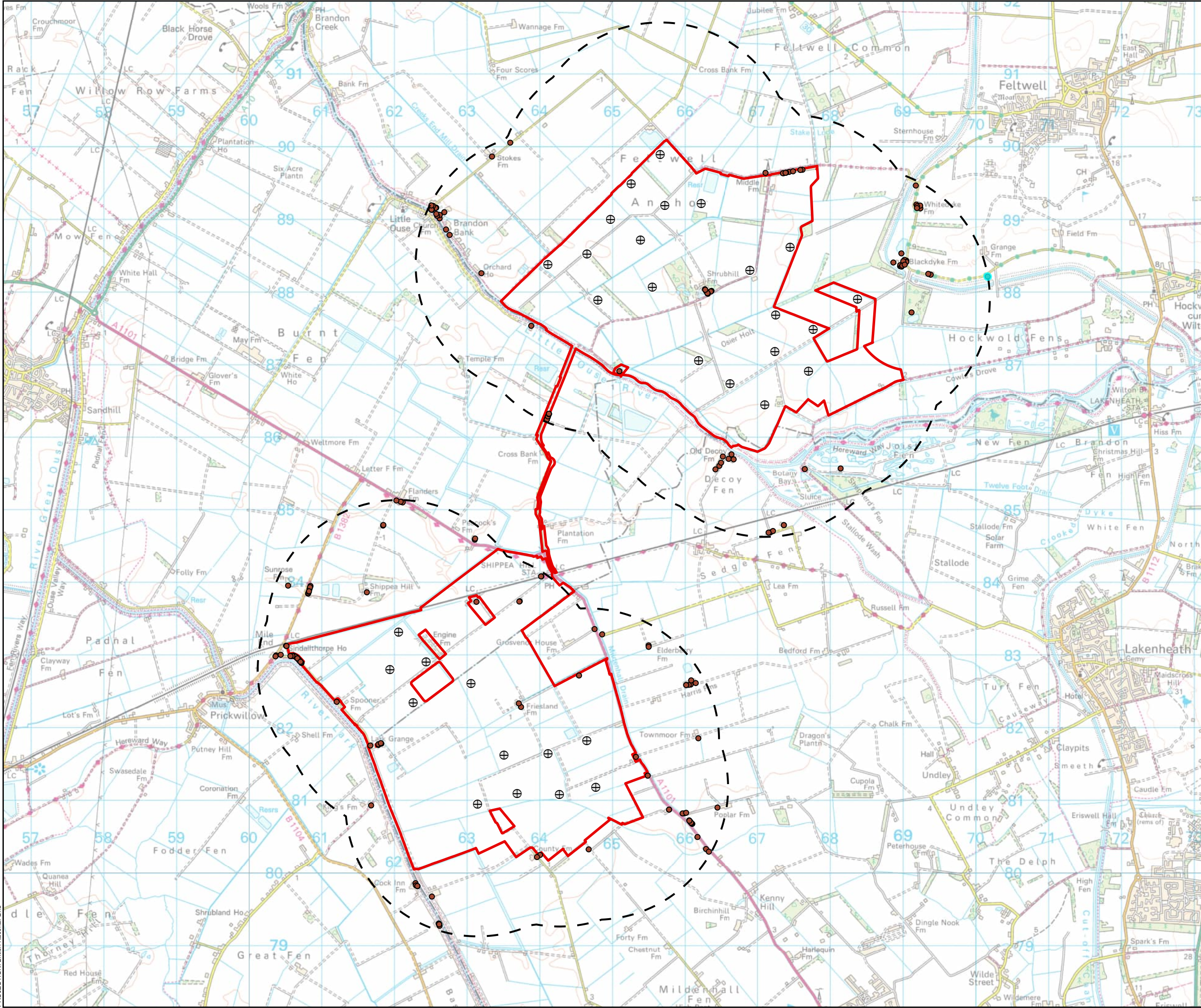


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PROJECT: 082447
DATE: 14/09/2026

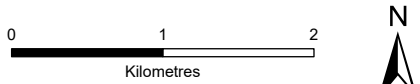
VERSION: A01
DRAWN: RW
CHECKED: HD
APPROVED: JH

**Figure 9.13 PRoW with Turbine Tip ZTV
(10km)
LVIA
Redmere Wind Farm**





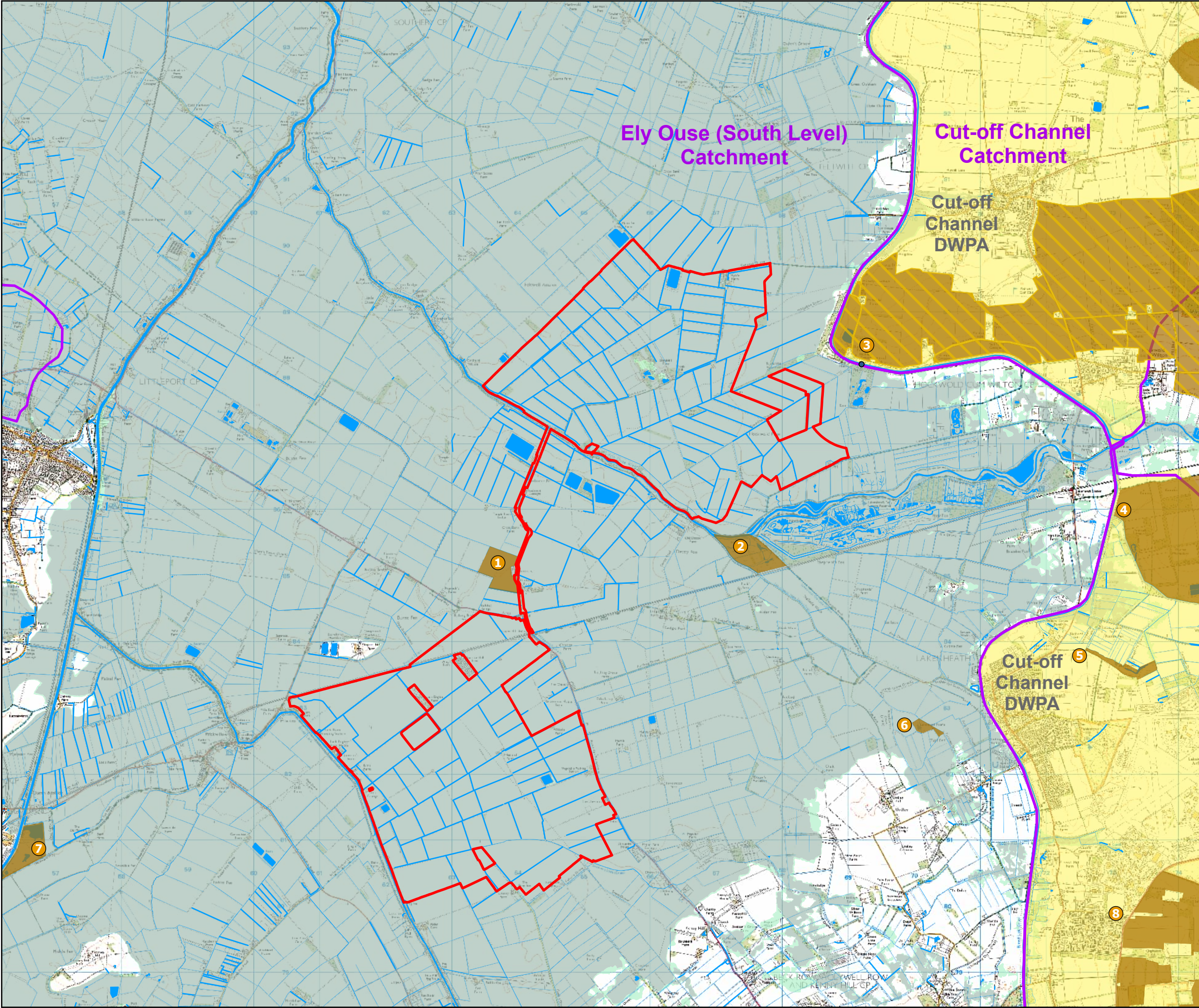
- Indicative Order Limits
- Indicative Turbine Location
- Residential Property
- 1820 m Buffer of Indicative Turbine Location



SCALE: See Scale Bar	VERSION: A01
SIZE: A3	DRAWN: SA
PROJECT: 0824465_69	CHECKED: EB
DATE: 16/09/2026	APPROVED: LM

Figure 10.1 Shadow Flicker Study Area
Shadow Flicker
Redmere Wind Farm





Indicative Order Limits

Hydrology

Catchments

Watercourses (1:25K OS Map)

Standing Surface Water

Drinking Water Protected Areas (DWPAs)

FMFP River and Sea Flood Zones

Flood Zone 2

Flood Zone 3

Designated Sites

Sites of Special Scientific Interest (SSSI)

Special Protection Areas (SPA)

1

Shippea Hill (SSSI)

2

Stallode Wash, Lakenheath (SSSI)

3

Breckland Farmland (SSSI, SPA)

4

Breckland Farmland (SSSI)

5

Pashford Poor's Fen, Lakenheath (SSSI)

6

Lakenheath Pools Fen (SSSI)

7

Ely Pits and Meadows (SSSI)

8

Breckland Farmland (SSSI)

0500100015002000

Metres

N

SCALE: See Scale Bar

VERSION: A01

SIZE: A3

DRAWN: EM

PROJECT: 0824465_69

CHECKED: JM

DATE: 03/09/2026

APPROVED: DS

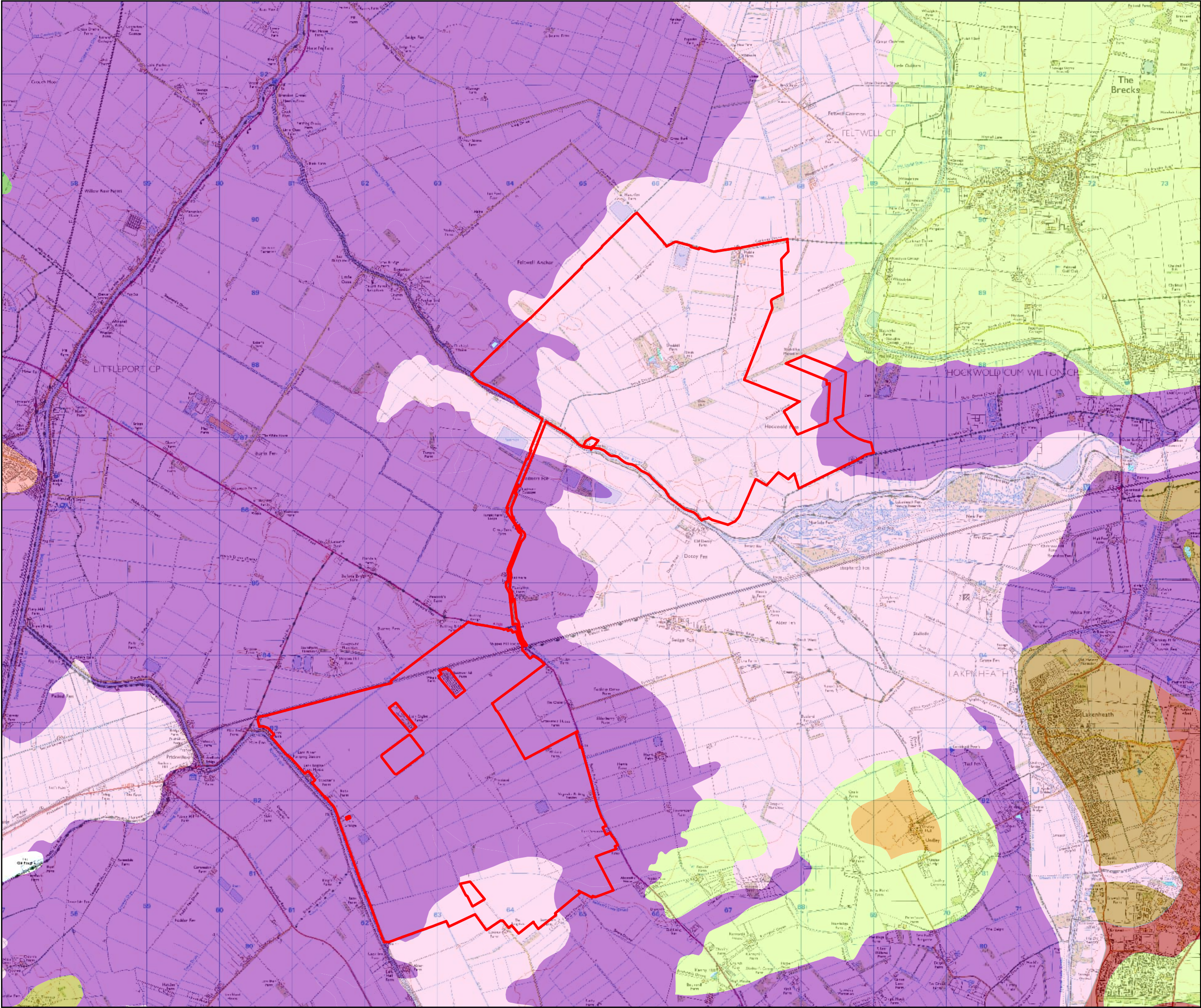
Figure 11.1: Hydrological Context
Hydrology, Hydrogeology, Geology
and Peat
Redmere Wind Farm

ERM

VATTENFALL

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Path: C:\Users\elid\OneDrive - Fluid EC\Projects\Redmere_Redm\GIS\Mapping_Projects\ArcPro\RedM_Hydrological_Setting_EM_2026_08_28.aprx\Figure 1 Hydrological Setting



Indicative Order Limits

National Soil Map

Fen peat soils

Freely draining lime-rich loamy soils

Freely draining sandy Breckland soils

Freely draining slightly acid sandy soils

Lime-rich loamy and clayey soils with impeded drainage

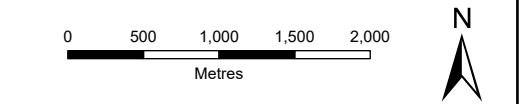
Loamy and clayey soils of coastal flats with naturally high groundwater

Loamy and sandy soils with naturally high groundwater and a peaty surface

Shallow lime-rich soils over chalk or limestone

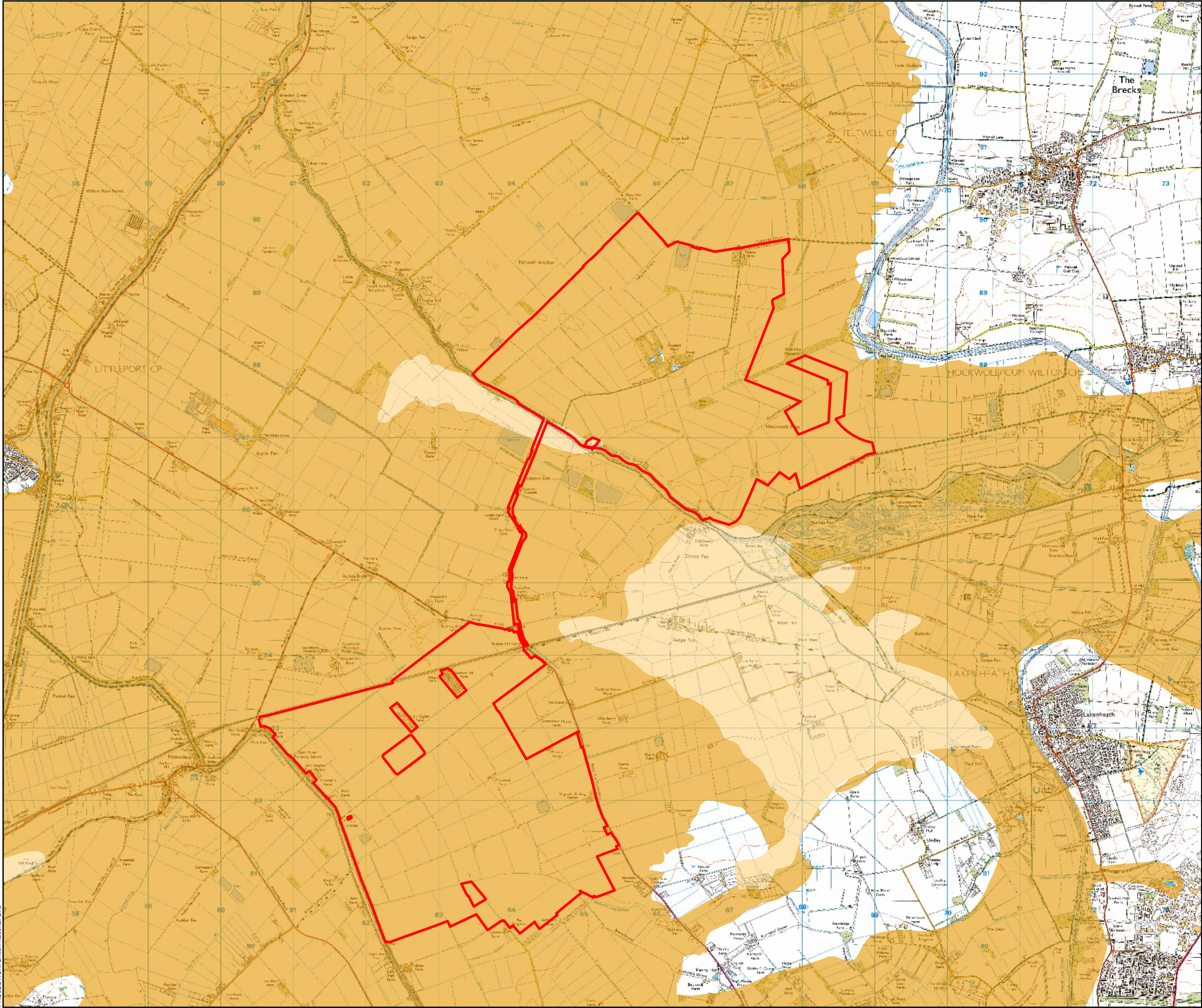
Slightly acid loamy and clayey soils with impeded drainage

water



SCALE: See Scale Bar	VERSION: A01
SIZE: A3	DRAWN: EM
PROJECT: 0824465_69	CHECKED: JM
DATE: 03/09/2026	APPROVED: DS

Figure 11.2: National Soil Map
Hydrology, Hydrogeology, Geology
and Peat
Redmere Wind Farm



- Indicative Order Limits**
- Peaty Soils Location England**
- Deep Peaty Soils
 - Soils with Peaty Pockets

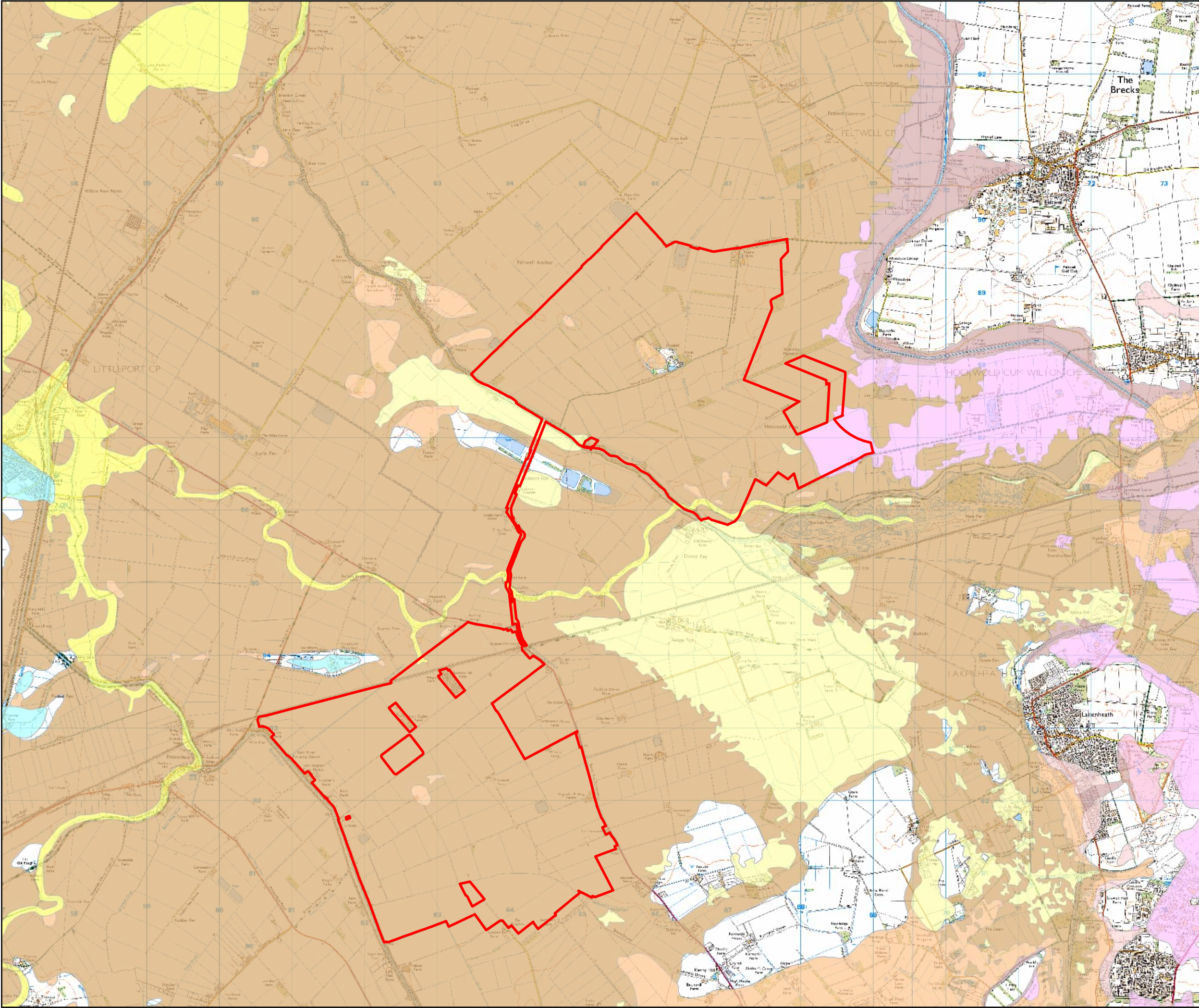
0 500 1,000 1,500 2,000
Metres



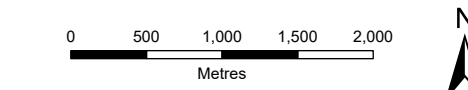
SCALE: See Scale Bar	VERSION: A01
SIZE: A3	DRAWN: EM
PROJECT: 0824465_69	CHECKED: JM
DATE: 03/09/2026	APPROVED: DS

**Figure 11.3: Natural England Peaty Soils Location
Hydrology, Hydrogeology, Geology
and Peat
Redmere Wind Farm**



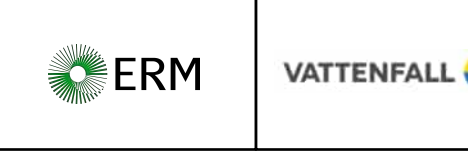


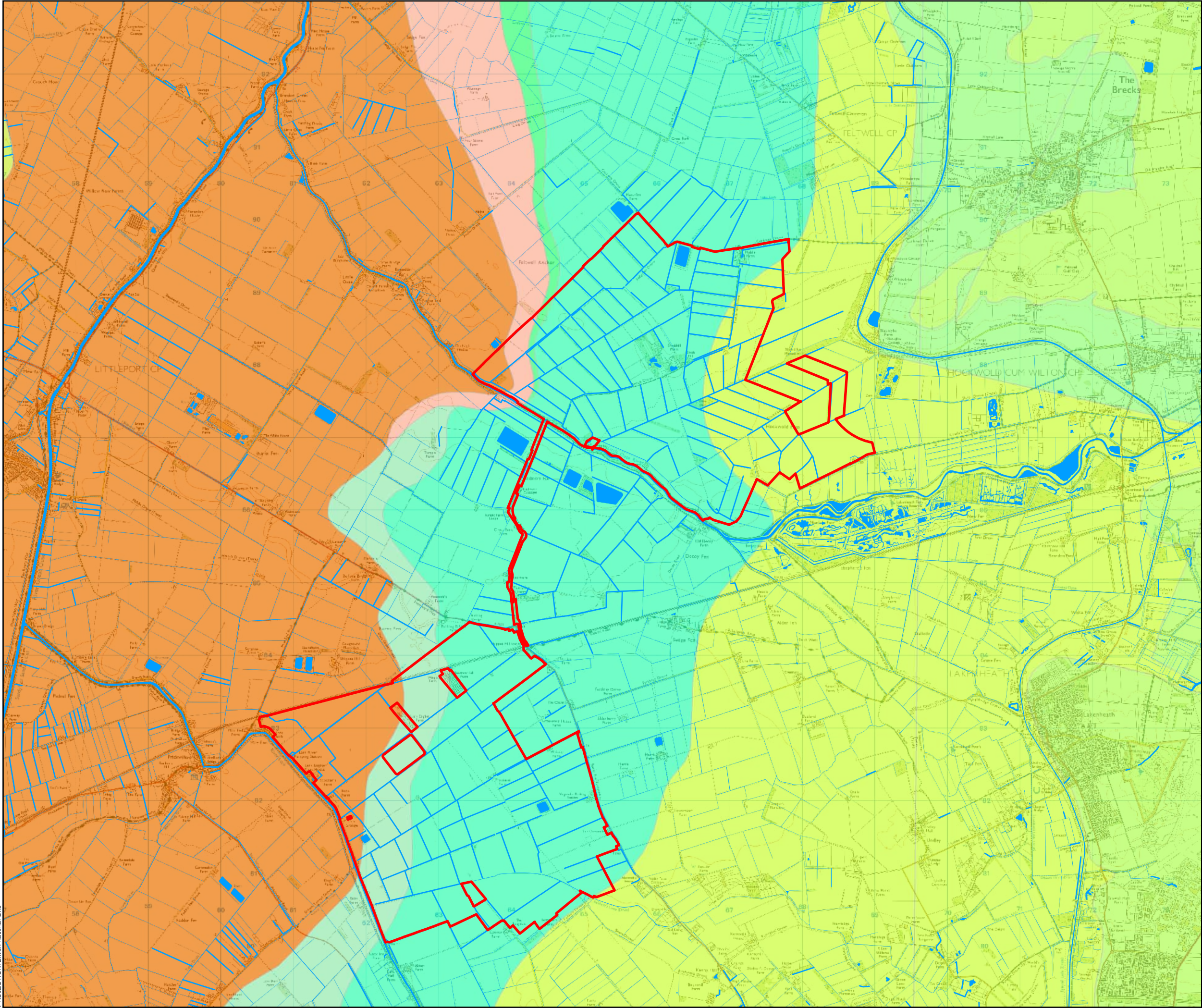
- Indicative Order Limits**
- BGS Superficial Geology**
- Glaciofluvial Deposits - Mid Pleistocene - Sand and Gravel.
 - Oadby Till Member - Diamicton
 - Alluvium - Clay, Silt, Sand and Gravel
 - Tidal Flat Deposits - Sand and Silt
 - Head - Clay, Silt, Sand and Gravel
 - Peat
 - March Gravels Member - Sand and Gravel
 - River Terrace Deposits - Gravel, Silt and Sand



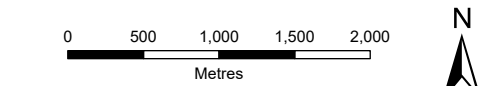
SCALE: See Scale Bar	VERSION: A01
SIZE: A3	DRAWN: EM
PROJECT: 0824465_69	CHECKED: JM
DATE: 03/09/2026	APPROVED: DS

**Figure 11.4: Superficial Geology
Hydrology, Hydrogeology, Geology
and Peat
Redmere Wind Farm**





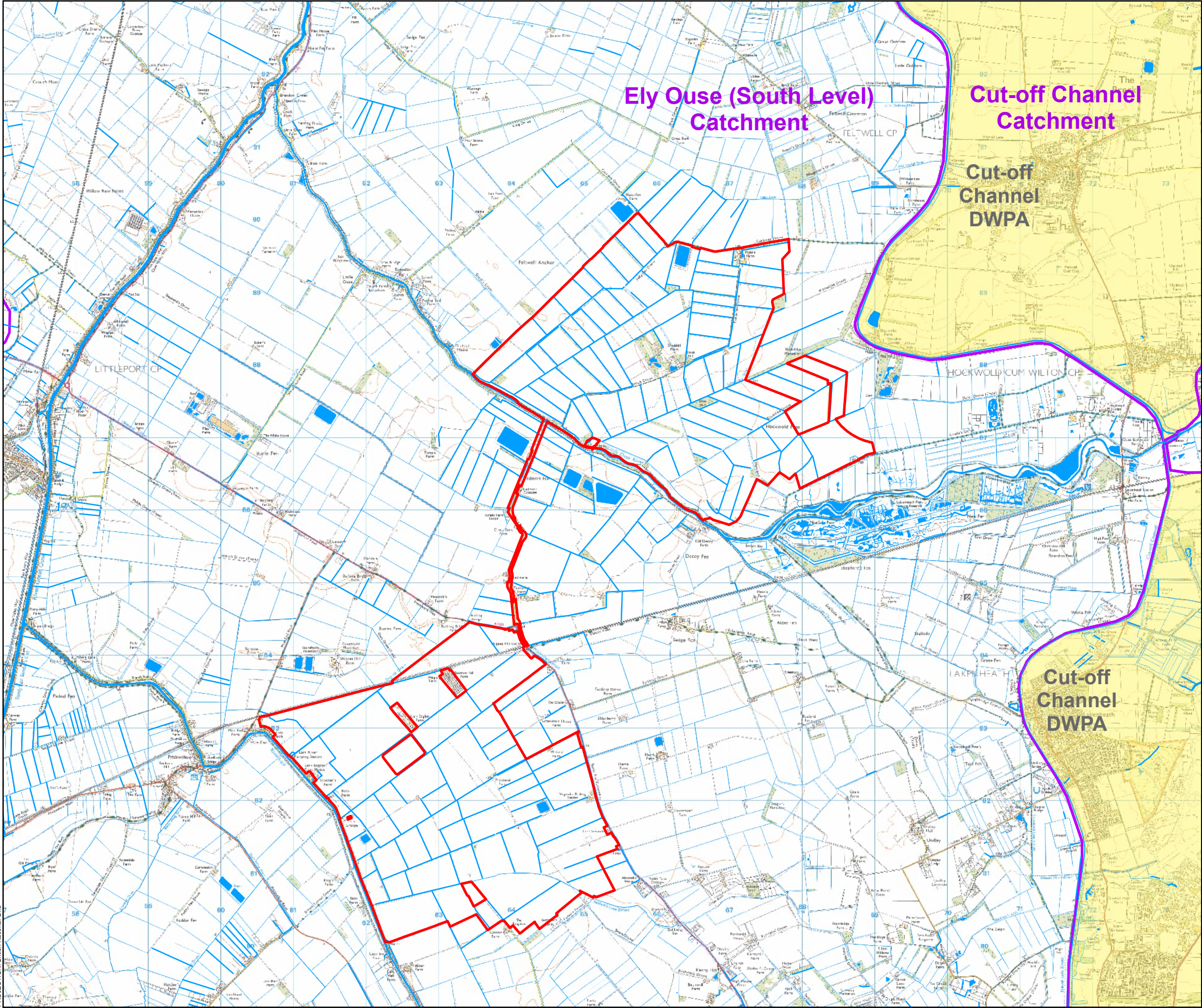
- BGS Bedrock Geology**
- Gault Formation-Mudstone
 - West Melbury Marly Chalk Formation-Chalk
 - Roxham Sand Member-Sand
 - Kimmeridge Clay Formation-Mudstone
 - Carstone Formation-Sandstone
 - Woburn Sands Formation-Sandstone
 - Zig Zag Chalk Formation-Chalk
 - Holywell Nodular Chalk Formation and New Pit Chalk Formation (undifferentiated)-Chalk



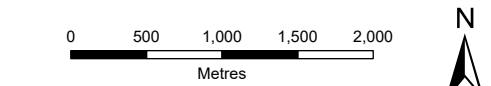
SCALE: See Scale Bar	VERSION: A01
SIZE: A3	DRAWN: EM
PROJECT: 0824465_69	CHECKED: JM
DATE: 03/09/2026	APPROVED: DS

**Figure 11.5: Bedrock Geology
Hydrology, Hydrogeology, Geology
and Peat
Redmere Wind Farm**





- Indicative Order Limits
- Hydrology**
- Catchments
- Watercourses (1:25K OS Map)
- Standing Surface Water
- Drinking Water Protected Areas (DWPAs)



SCALE: See Scale Bar	VERSION: A01
SIZE: A3	DRAWN: EM
PROJECT: 0824465_69	CHECKED: JM
DATE: 03/09/2026	APPROVED: DS

Figure 11.6: Hydrological Features C
Hydrology, Hydrogeology, Geology
and Peat
Redmere Wind Farm



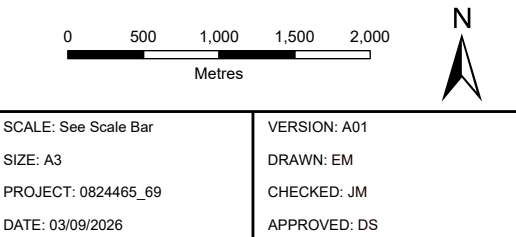
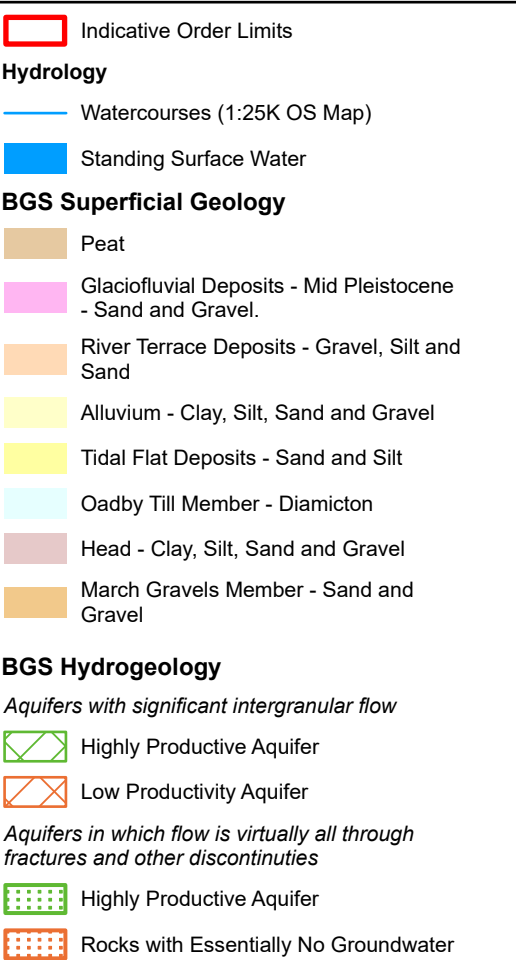
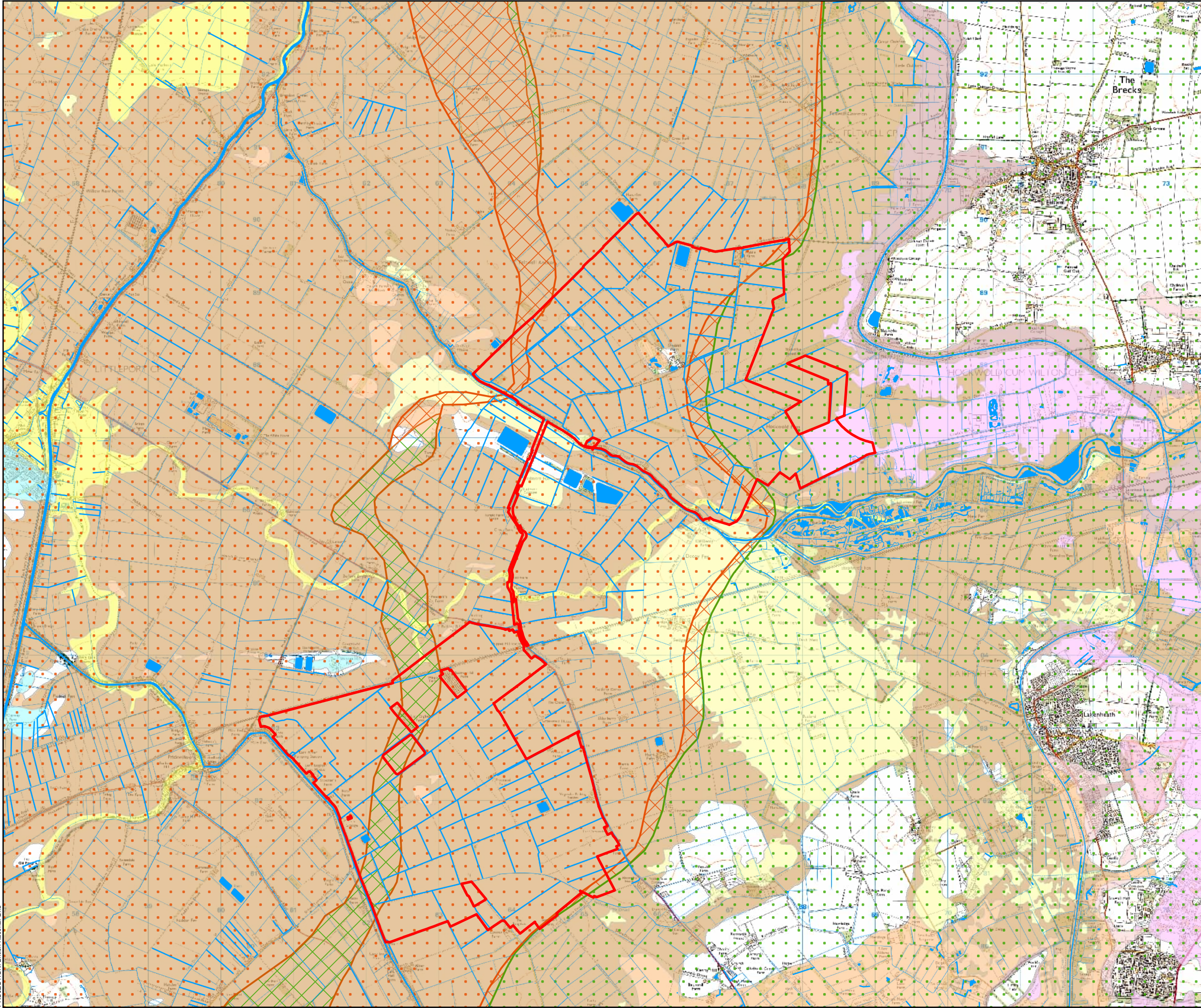
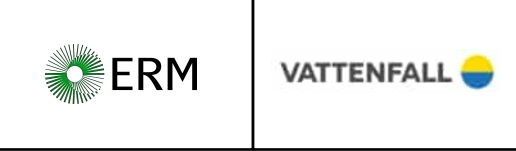
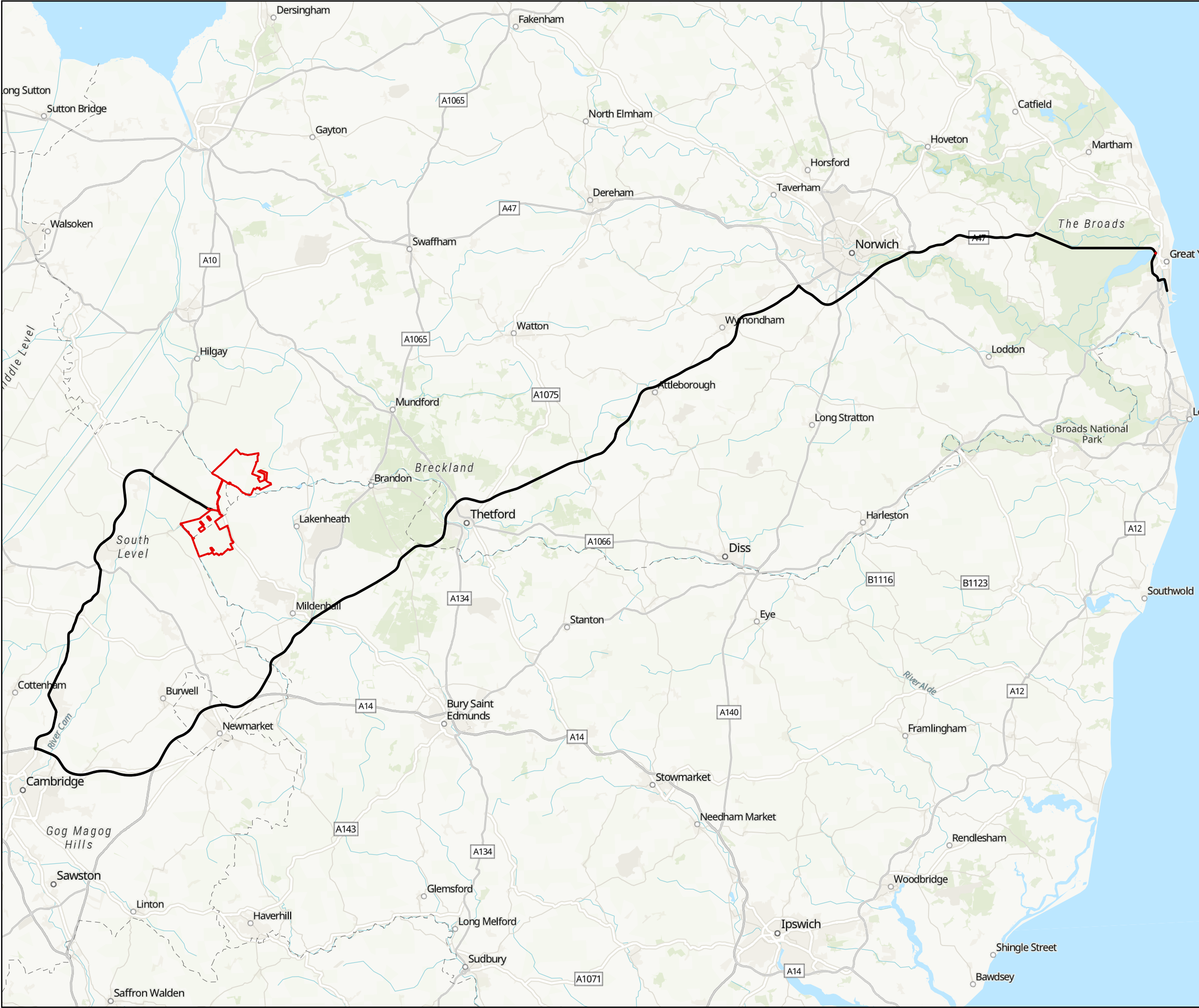


**Figure 11.7: Hydrogeological Regime
Hydrology, Hydrogeology, Geology and
Peat
Redmere Wind Farm**





Indicative Order Limits

Traffic and Transport Study Area
(Route to Site)

0510

Kilometres

N

SCALE: See Scale Bar

VERSION: A01

SIZE: A3

DRAWN: AR

PROJECT: 0824465_69

CHECKED: BO

DATE: 21/09/2026

APPROVED: LM

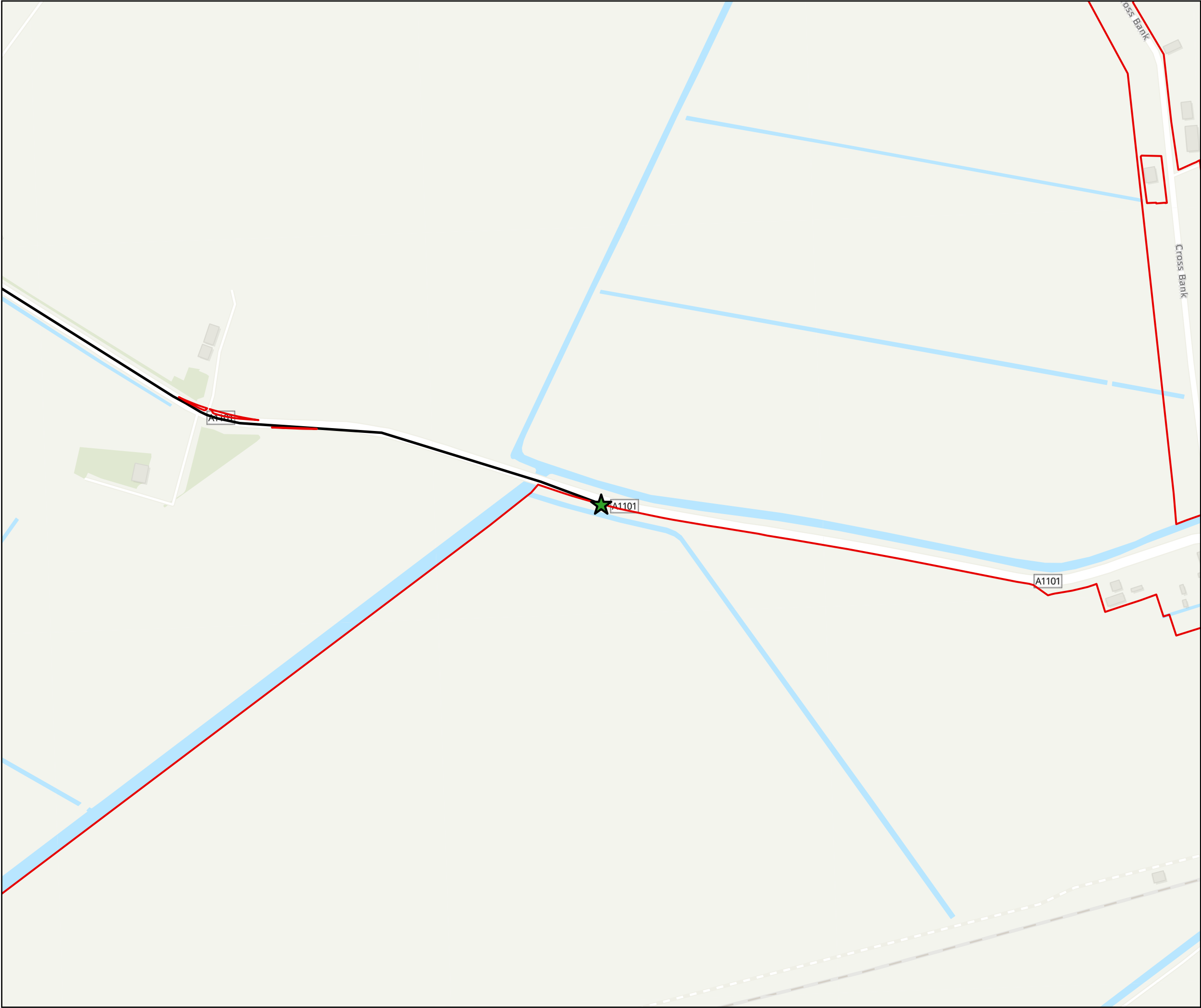
Figure 13.1a Traffic and Transport Study Area

Traffic and Transport

Redmere Wind Farm

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

Path: \\vmukspgisfs01\data\London\Projects\Vattenfall\0824465_69 - Redmere WF\MAPS\01 - Scoping Maps\Vattenfall East Anglia Cluster Scoping PRJ_RM.aprx - Figure 13.1 - Traffic and Transport Study Area



- Indicative Order Limits
- Proposed Site Access
- Traffic and Transport Study Area (Route to Site)

0 25 50 75 100
Metres

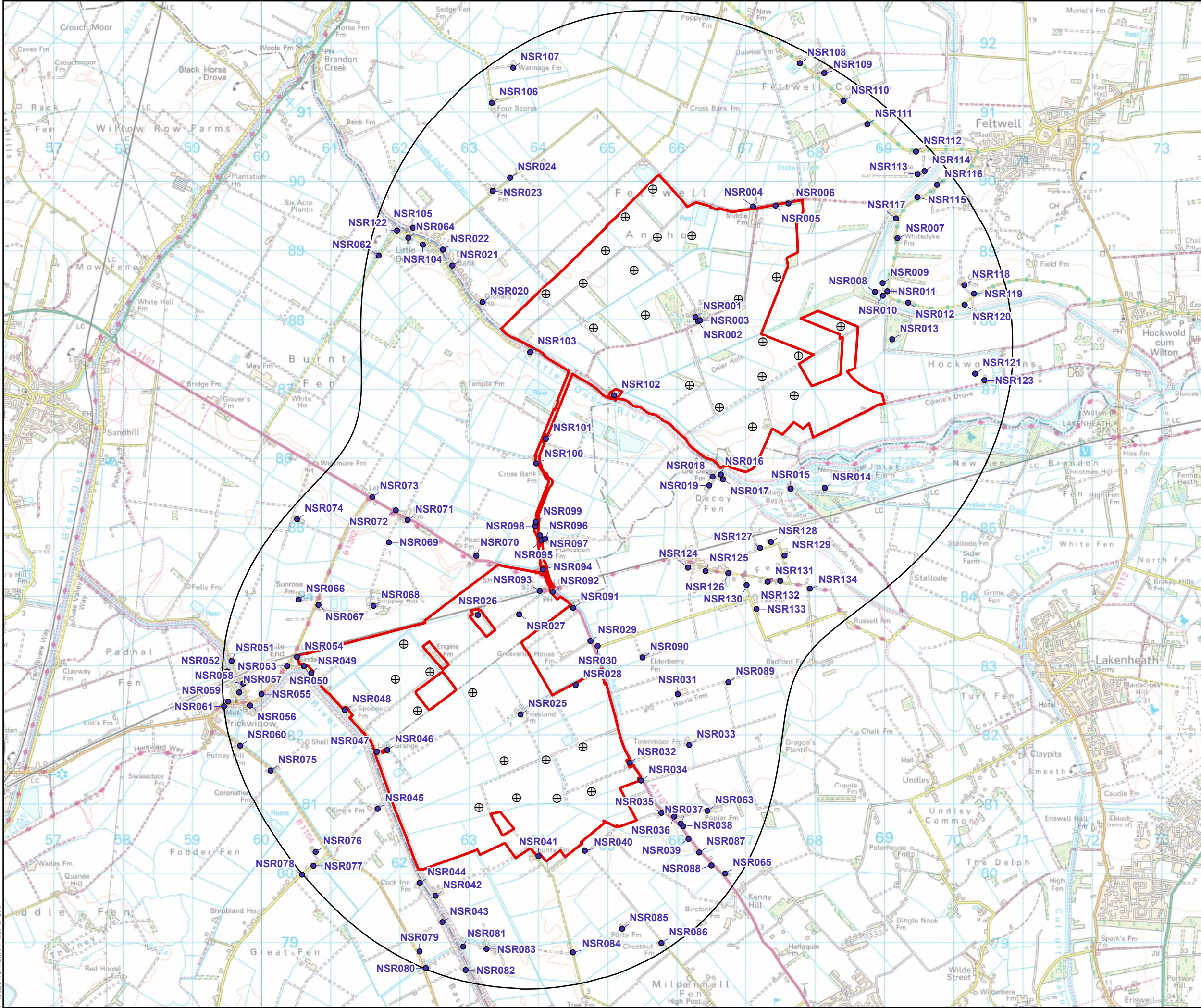


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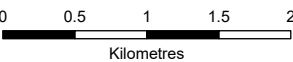
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CHECKED: BO
APPROVED: LM

Figure 13.1b Traffic and Transport Study Area
Traffic and Transport
Redmere Wind Farm





- Indicative Order Limits
- Indicative Turbine Location
- Noise Sensitive Receptor
- 35 dB LA90 Contour



SCALE: See Scale Bar
SIZE: A3
PROJECT: 0824465_69
DATE: 25/09/2026

VERSION: A01
DRAWN: BW
CHECKED: RN
APPROVED: LM

Figure 14.1 Noise Sensitive Receptors
Noise and Vibration
Redmere Wind Farm

