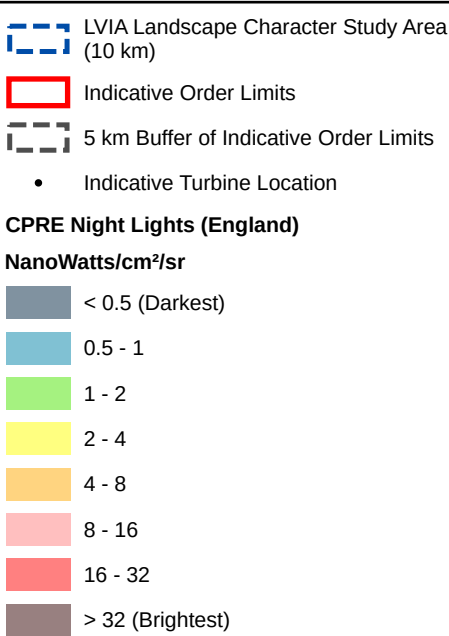
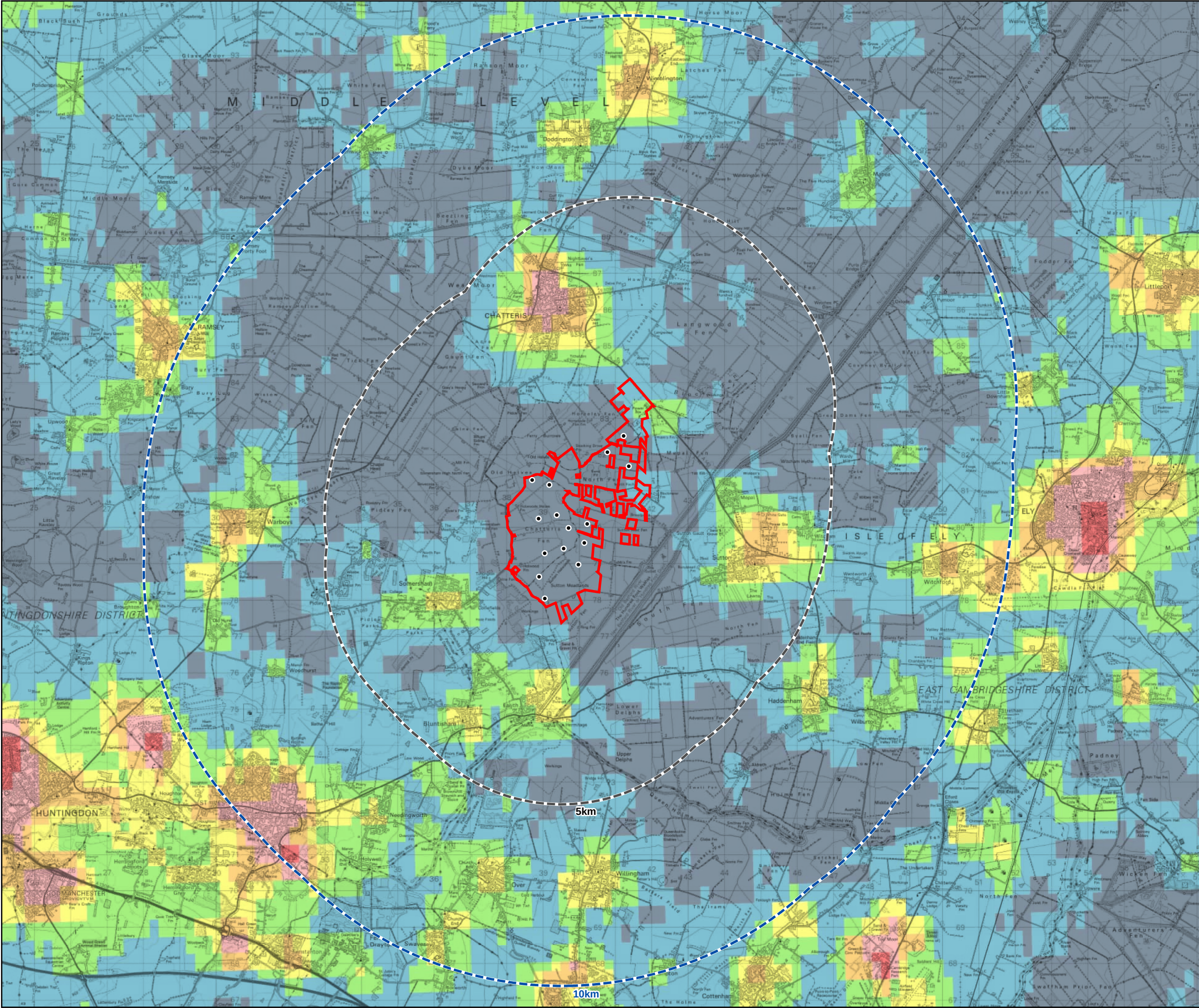
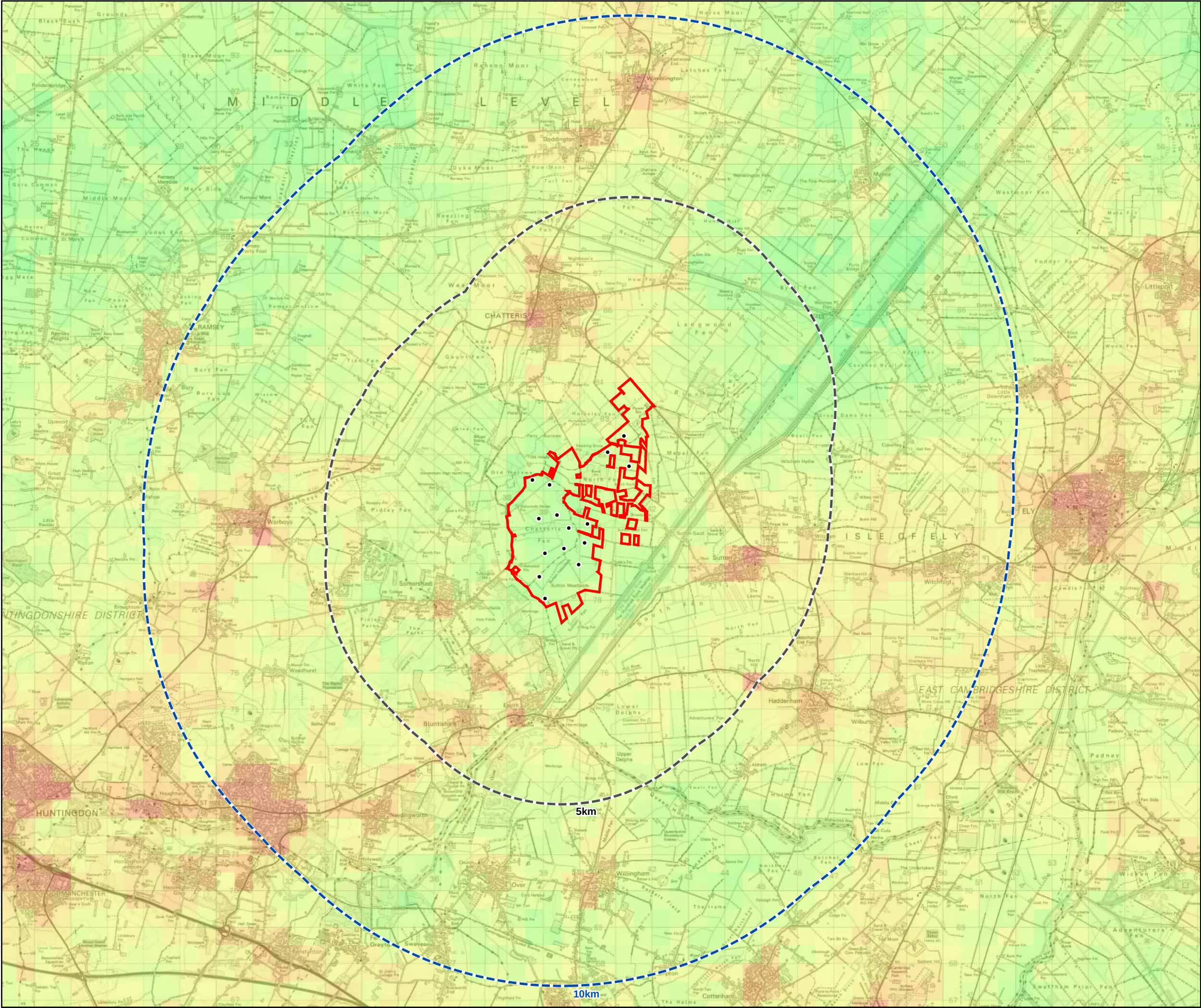


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PROJECT: 0824470
DATE: 14/09/2026

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

Figure 9.5 Night Blight
LVIA
Chatteris Wind Farm





LVIA Landscape Character Study Area (10 km)

Indicative Order Limits

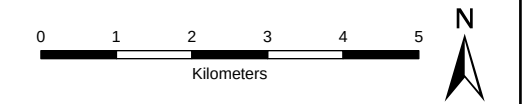
5 km Buffer of Indicative Order Limits

Indicative Turbine Location

Composite Weighted Scoring - Tranquillity

Most Tranquil

Least Tranquil

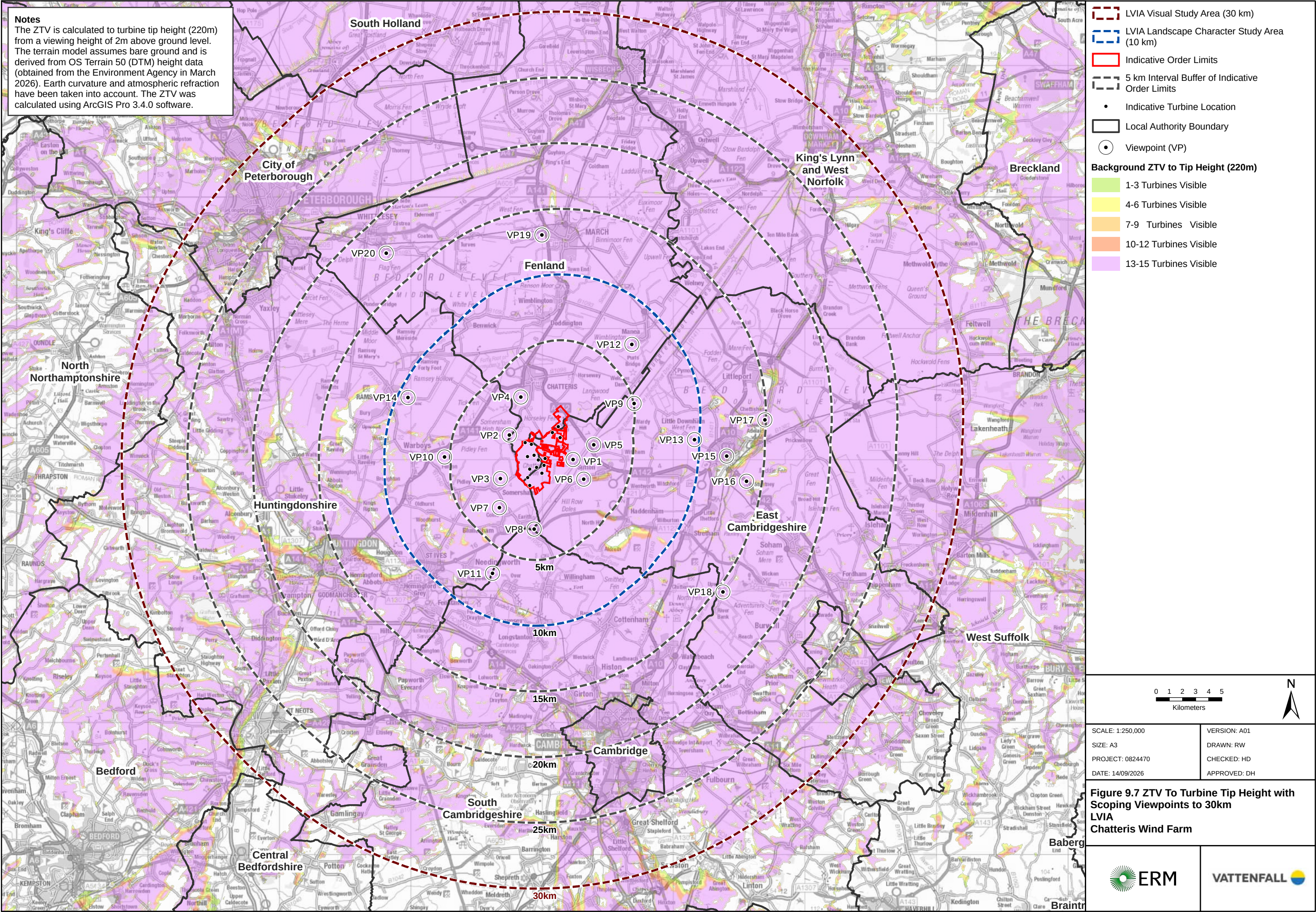


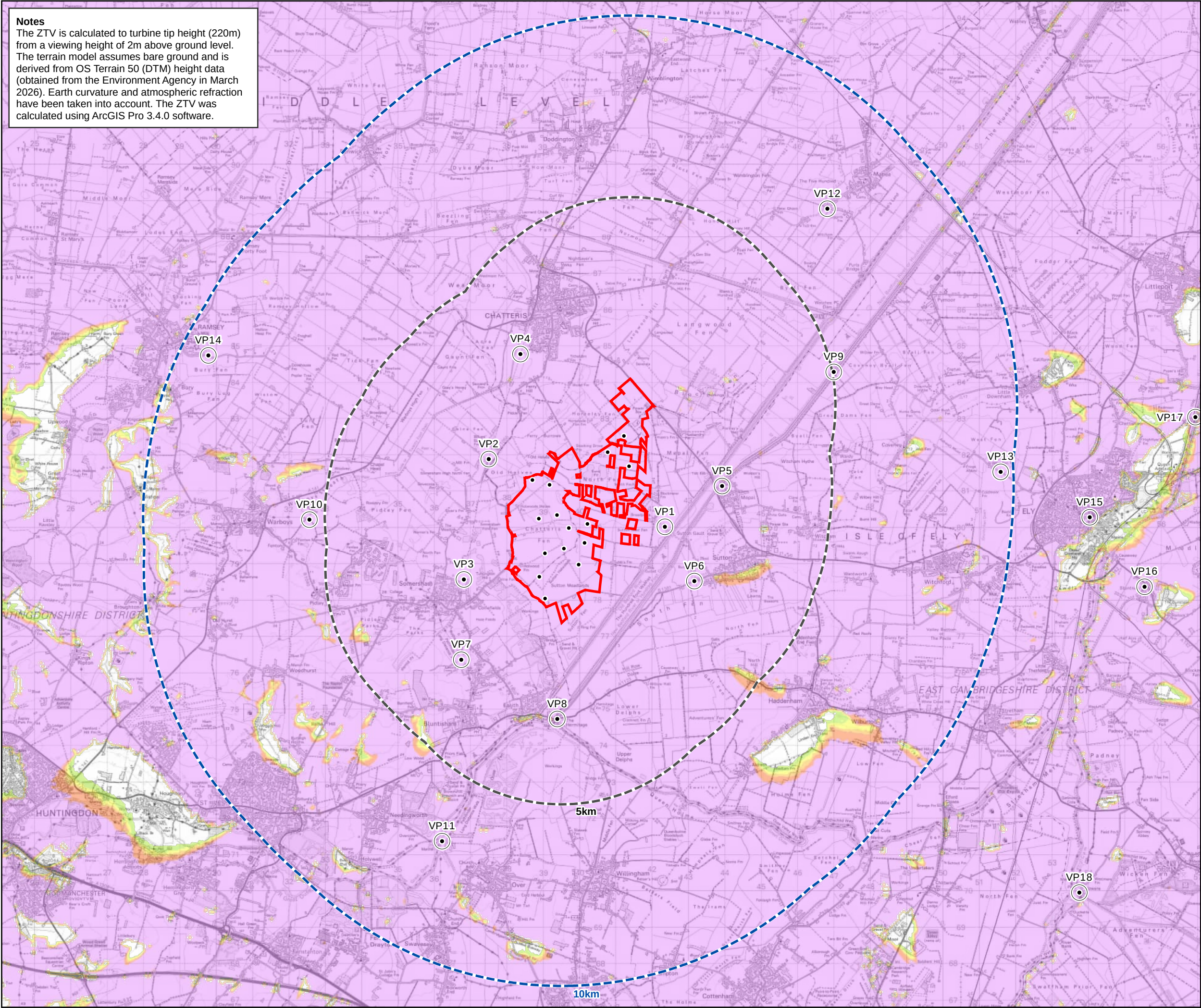
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PROJECT: 0824470	CHECKED: HD
DATE: 14/09/2026	APPROVED: DH

Figure 9.6 Tranquillity
LVIA
Chatteris Wind Farm

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Notes
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.

LVIA Landscape Character Study Area (10 km)

Indicative Order Limits

5 km Buffer of Indicative Order Limits

Indicative Turbine Location

Background ZTV to Tip Height (220m)

1-3 Turbines Visible

4-6 Turbines Visible

7-9 Turbines Visible

10-12 Turbines Visible

13-15 Turbines Visible

SCALE: 1:100,000	VERSION: A01
SIZE: A3	DRAWN: RW
PROJECT: 0824470	CHECKED: HD
DATE: 14/09/2026	APPROVED: DH

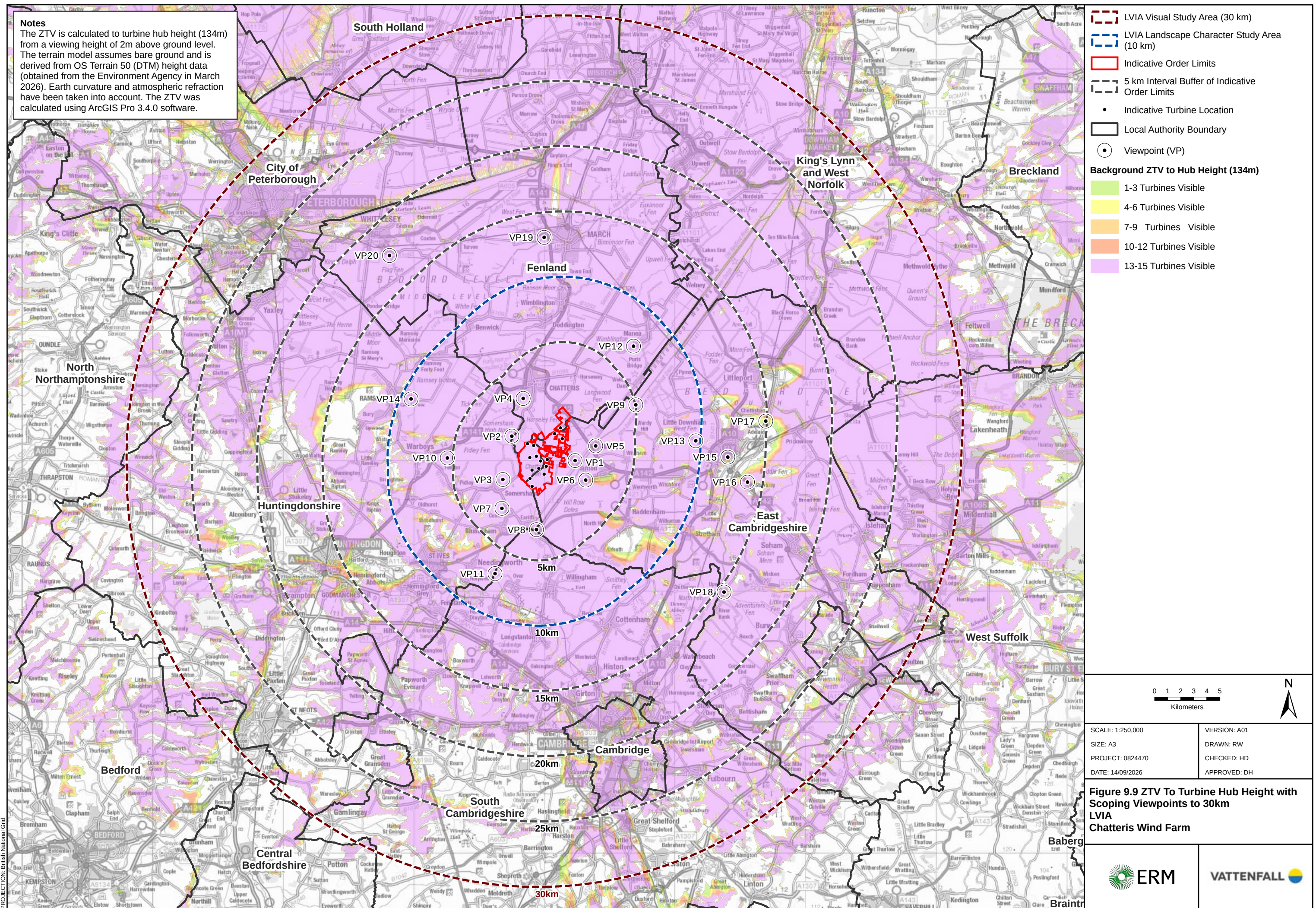
Figure 9.8 ZTV To Turbine Tip Height with Scoping Viewpoints to 10km
LVIA
Chatteris Wind Farm

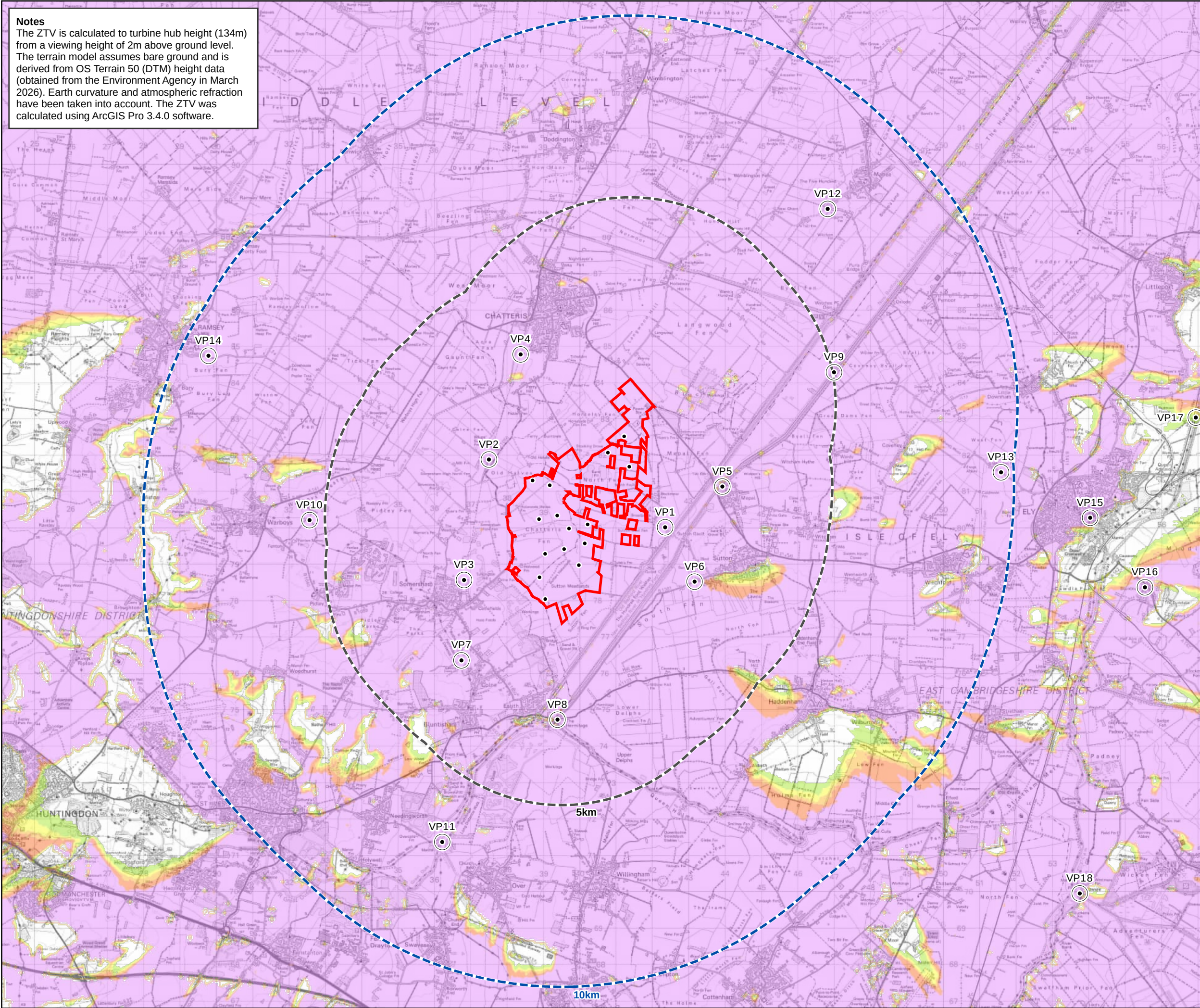
PROJECTION: British National Grid

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Path: N:\16900\16940_Vattenfall WF x 3\GIS\APR\Report\Chatteris_Scoping_Sep_2026\16940_Chatteris_Scoping_Sep_2026.aprx\16940_Fig_9_8_TipH_ZTV_10km_A3L

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.



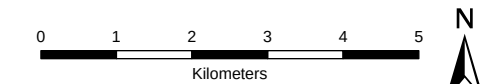


Notes
The ZTV is calculated to turbine hub height (134m) from a viewing height of 2m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 (DTM) height data (obtained from the Environment Agency in March 2026). Earth curvature and atmospheric refraction have been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

- LVIA Landscape Character Study Area (10 km)
- Indicative Order Limits
- 5 km Buffer of Indicative Order Limits
- Indicative Turbine Location
- Viewpoint (VP)

Background ZTV to Hub Height (134m)

- 1-3 Turbines Visible
- 4-6 Turbines Visible
- 7-9 Turbines Visible
- 10-12 Turbines Visible
- 13-15 Turbines Visible

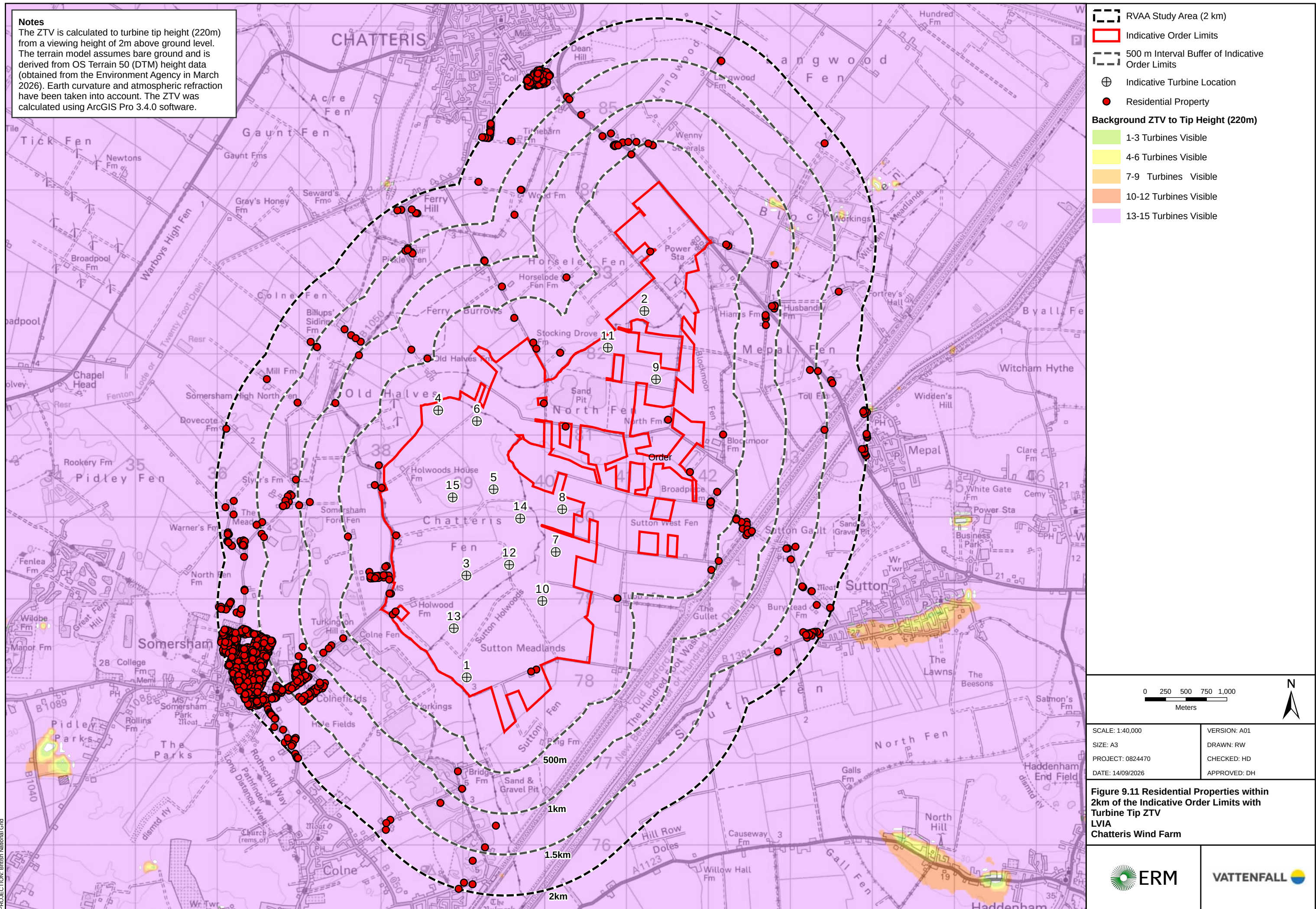


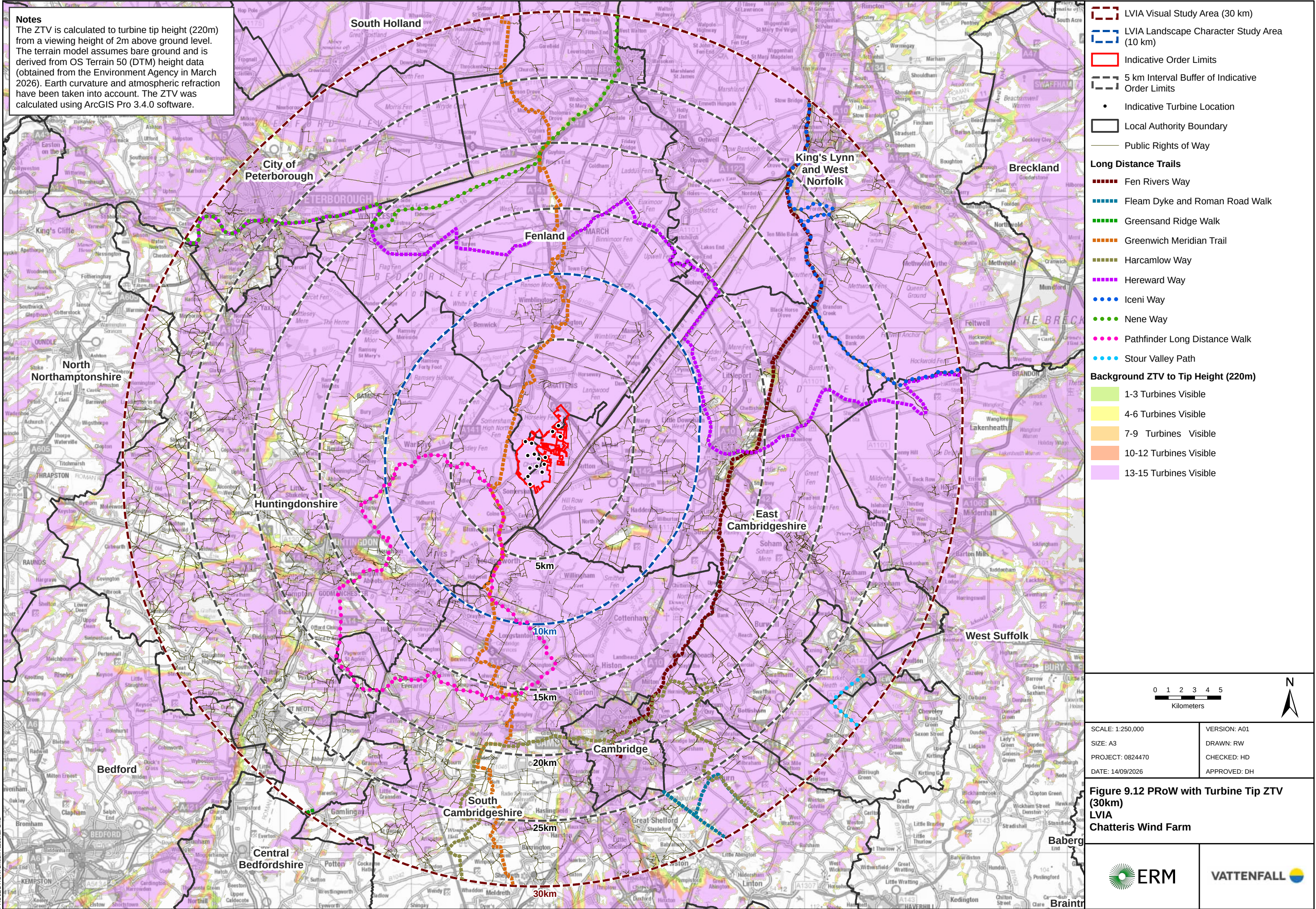
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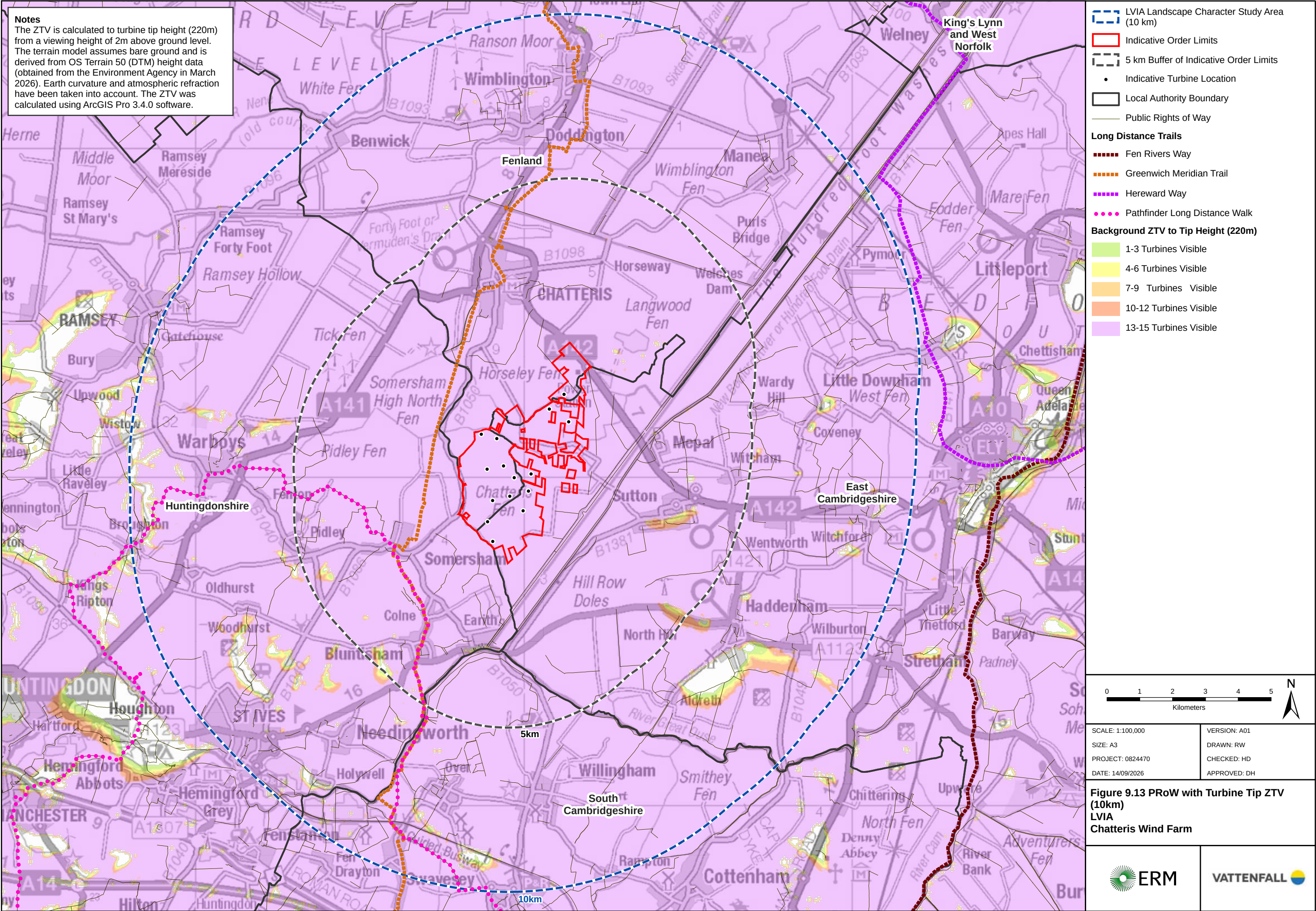
Figure 9.10 ZTV To Turbine Hub Height with Scoping Viewpoints to 10km
LVIA
Chatteris Wind Farm

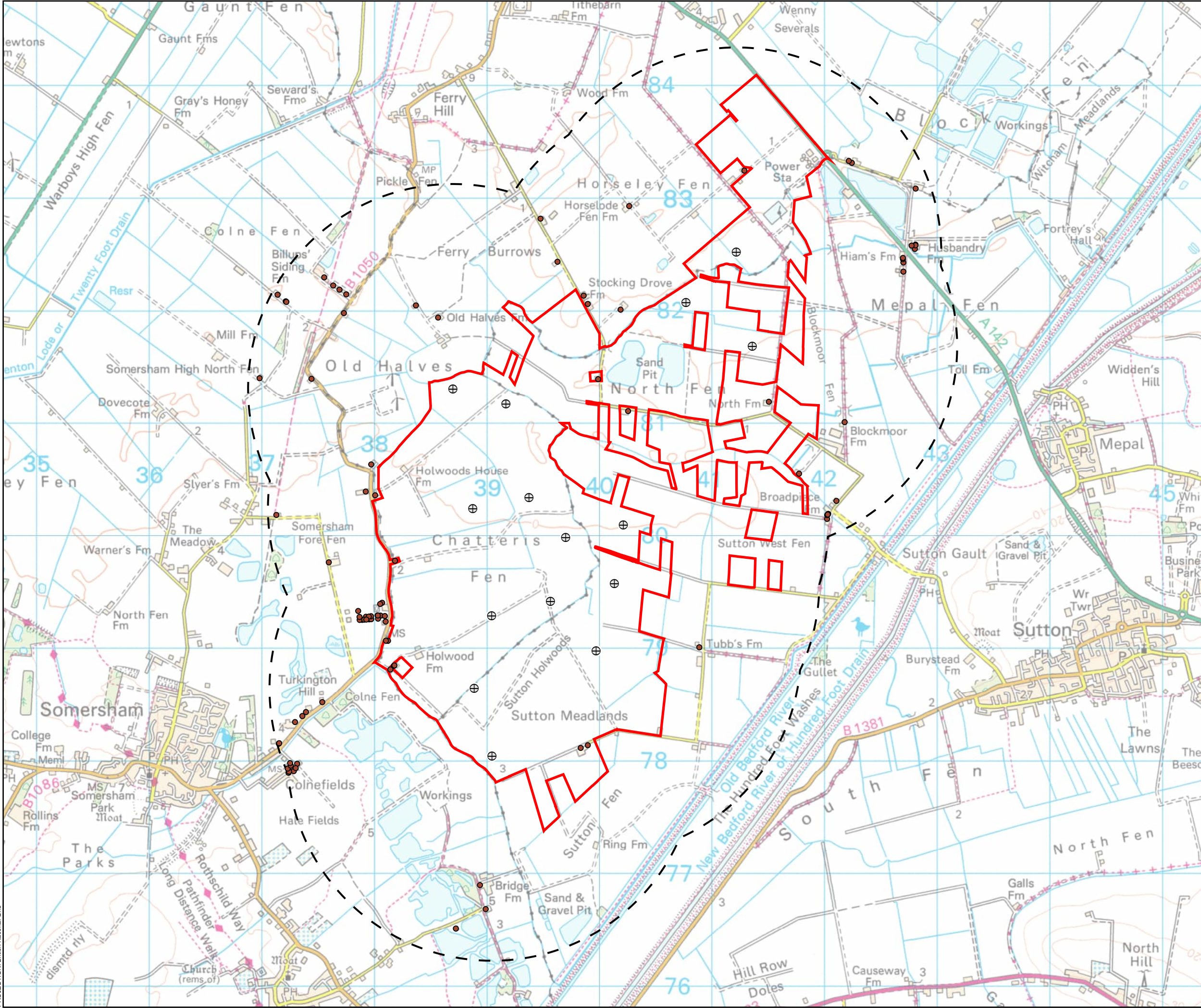


The ZTV is calculated to turbine tip height (220m) from a viewing height of 2m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 (DTM) height data (obtained from the Environment Agency in March 2026). Earth curvature and atmospheric refraction have been taken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

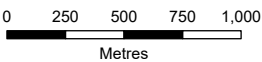








- Indicative Order Limits
- Indicative Turbine Location
- Residential Property within Study Area
- 1820 m Buffer of Indicative Turbine Locations

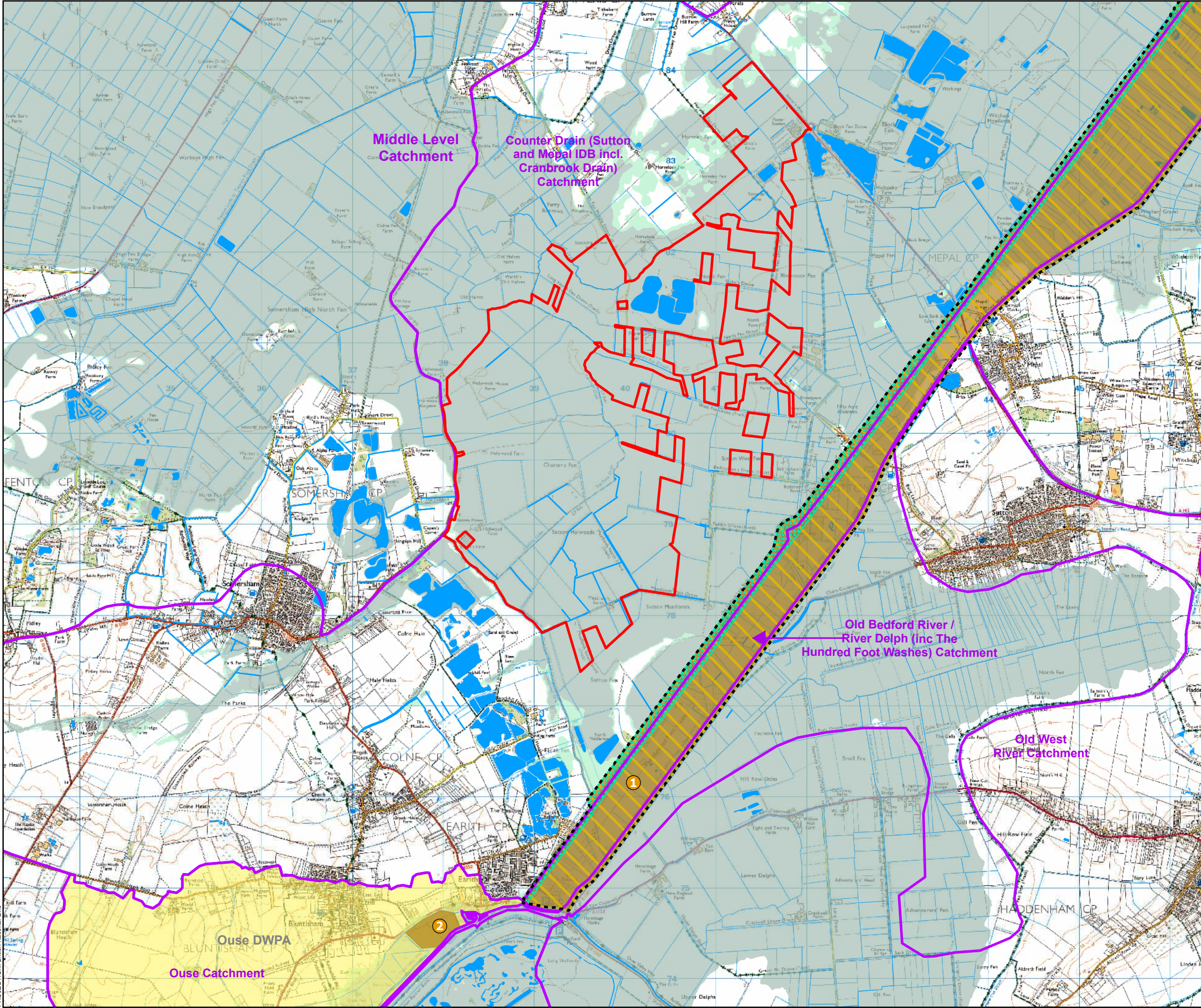


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PROJECT: 0824470
DATE: 18/09/2026

VERSION: A01
DRAWN: AR
CHECKED: BO
APPROVED: LM

Figure 10.1 Shadow Flicker Study Area
Shadow Flicker
Chatteris Wind Farm





Indicative Order Limits

Hydrology

Watercourses (1:25K OS Map)

Standing Surface Water

Drinking Water Protected Areas (DWPAs)

Catchments

FMFP River and Sea Flood Zones

Flood Zone 2

Flood Zone 3

Designated Sites

Special Areas of Conservation (SAC)

Special Protection Areas (SPA)

Sites of Special Scientific Interest (SSSI)

RAMSAR

1

Ouse Washes (SSSI, SAC, SPA, RAMSAR)

2

Berry Fen (SSSI)

02505007501,000

Metres

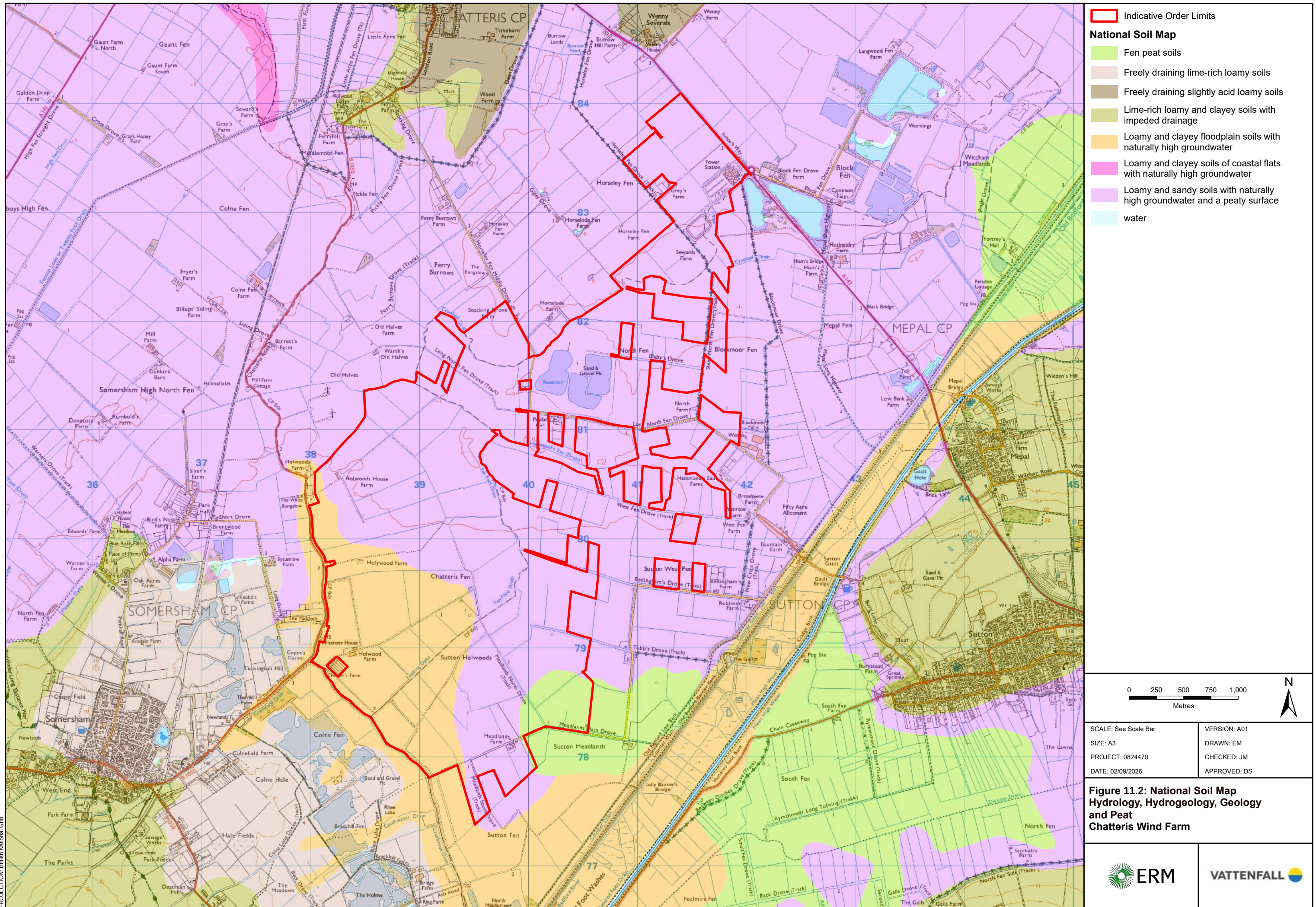
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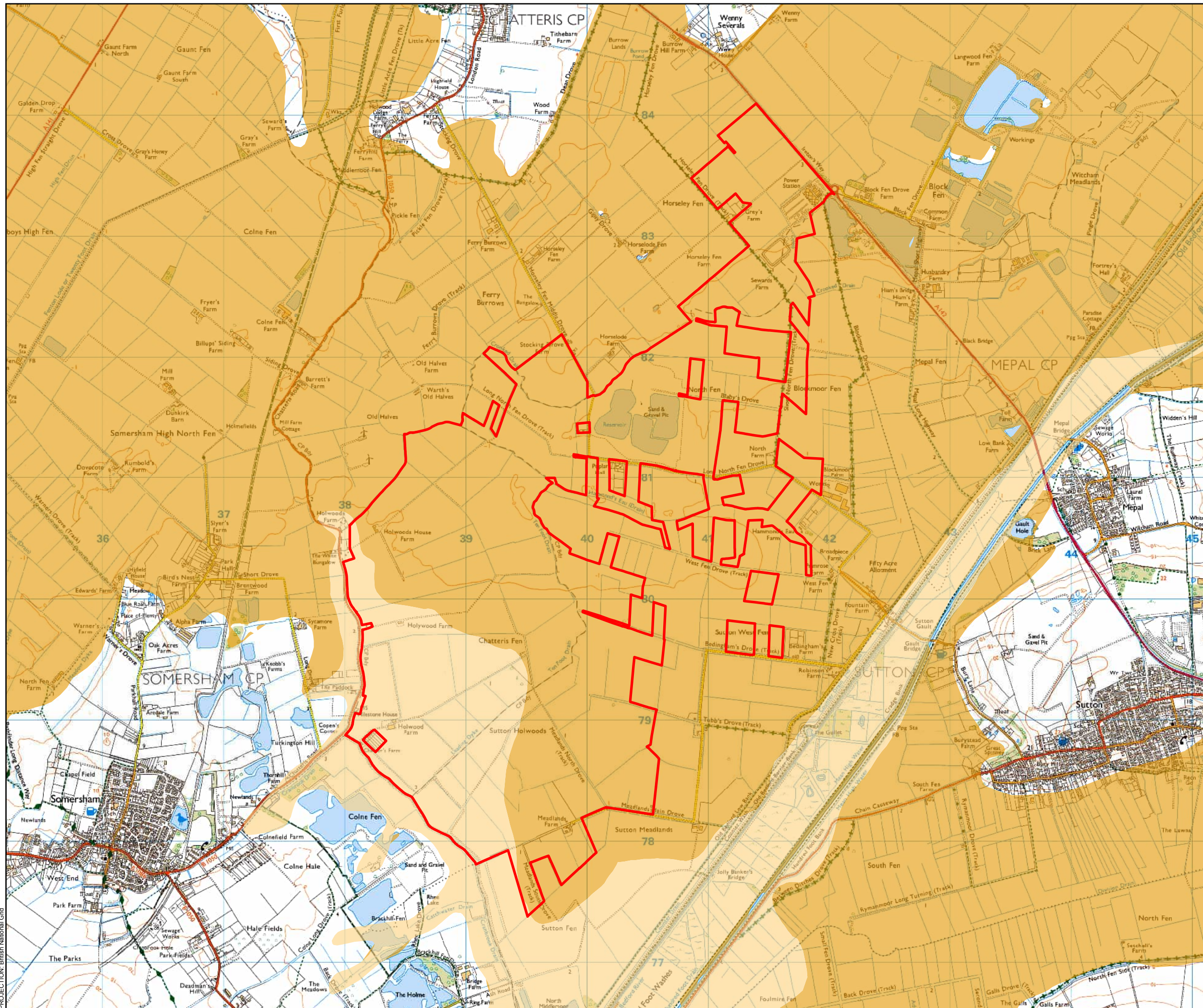
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SIZE: A3	DRAWN: EM
PROJECT: 0824470	CHECKED: JM
DATE: 02/09/2026	APPROVED: DS

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

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Indicative Order Limits

Peaty Soils Location England

- Deep Peaty Soils
- Soils with Peaty Pockets

0 250 500 750 1,000
Metres

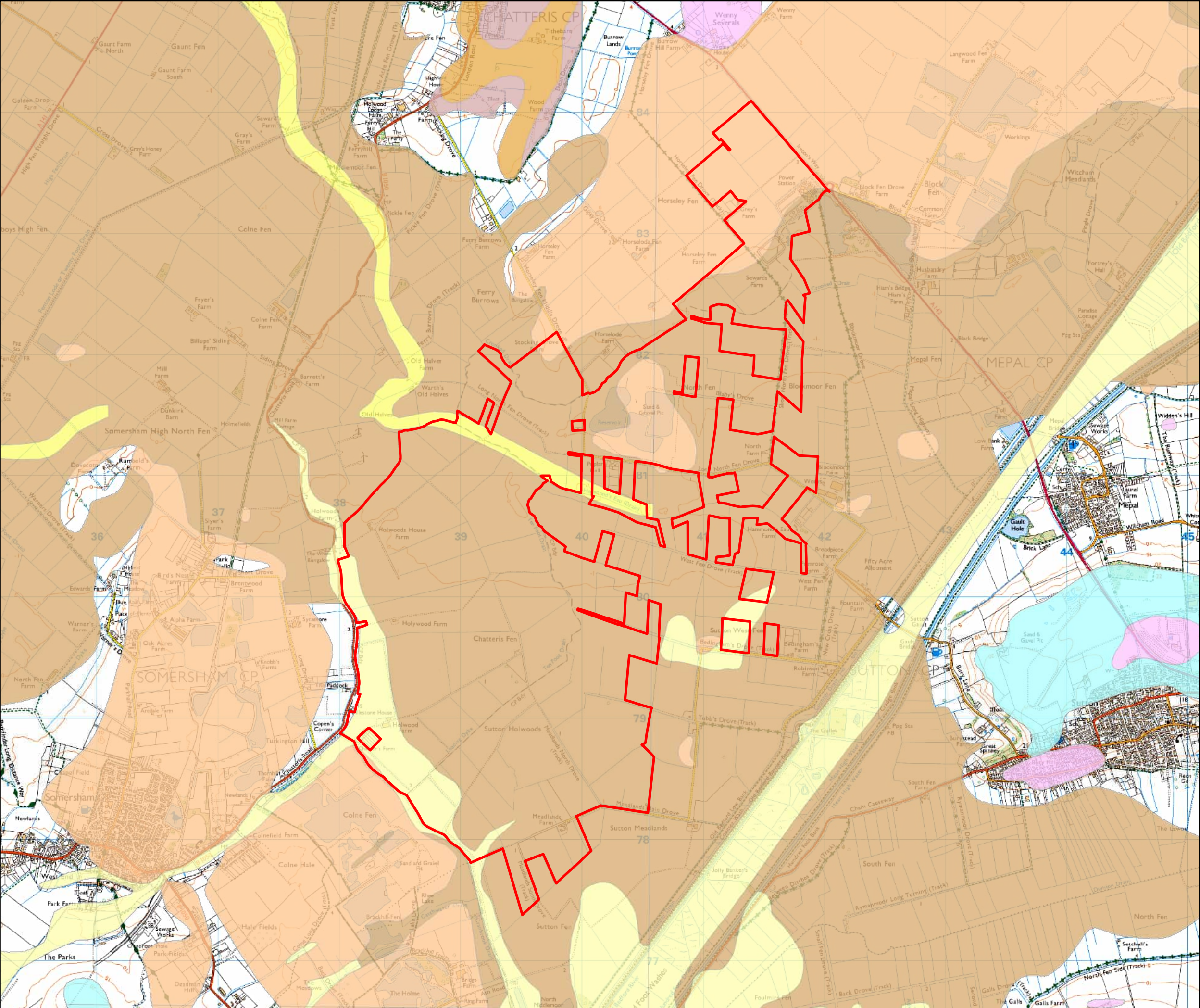


SCALE: See Scale Bar
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PROJECT: 0824470
DATE: 02/09/2026

VERSION: A01
DRAWN: EM
CHECKED: JM
APPROVED: DS

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

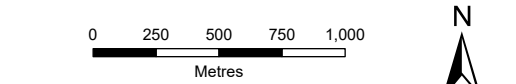




Indicative Order Limits

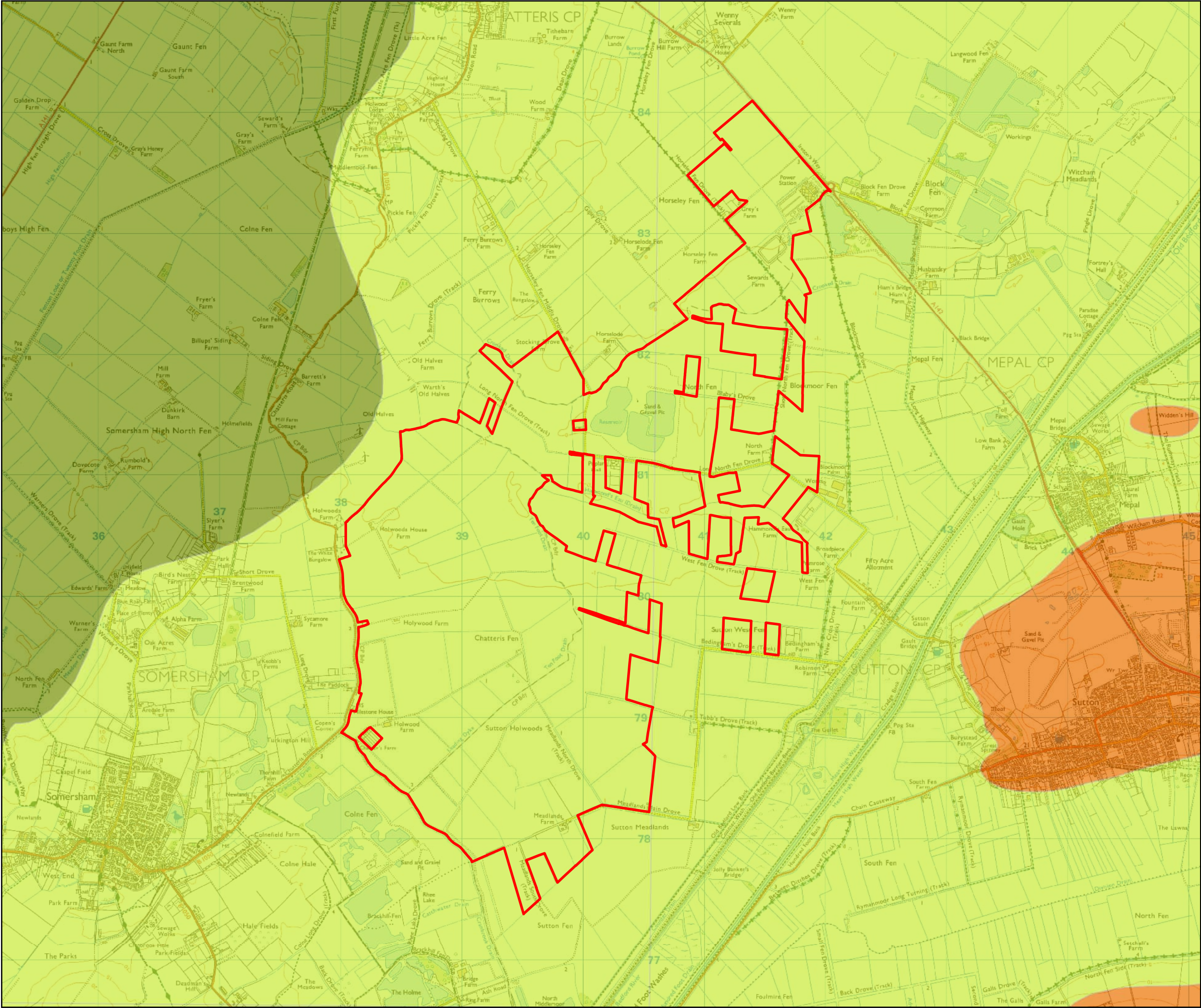
BGS Superficial Geology

- 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: 0824470	CHECKED: JM
DATE: 02/09/2026	APPROVED: DS

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



Indicative Order Limits

BGS Bedrock Geology

Oxford Clay Formation-Mudstone

West Walton Formation and Amptill Clay Formation (Undifferentiated)-Mudstone

Kimmeridge Clay Formation-Mudstone

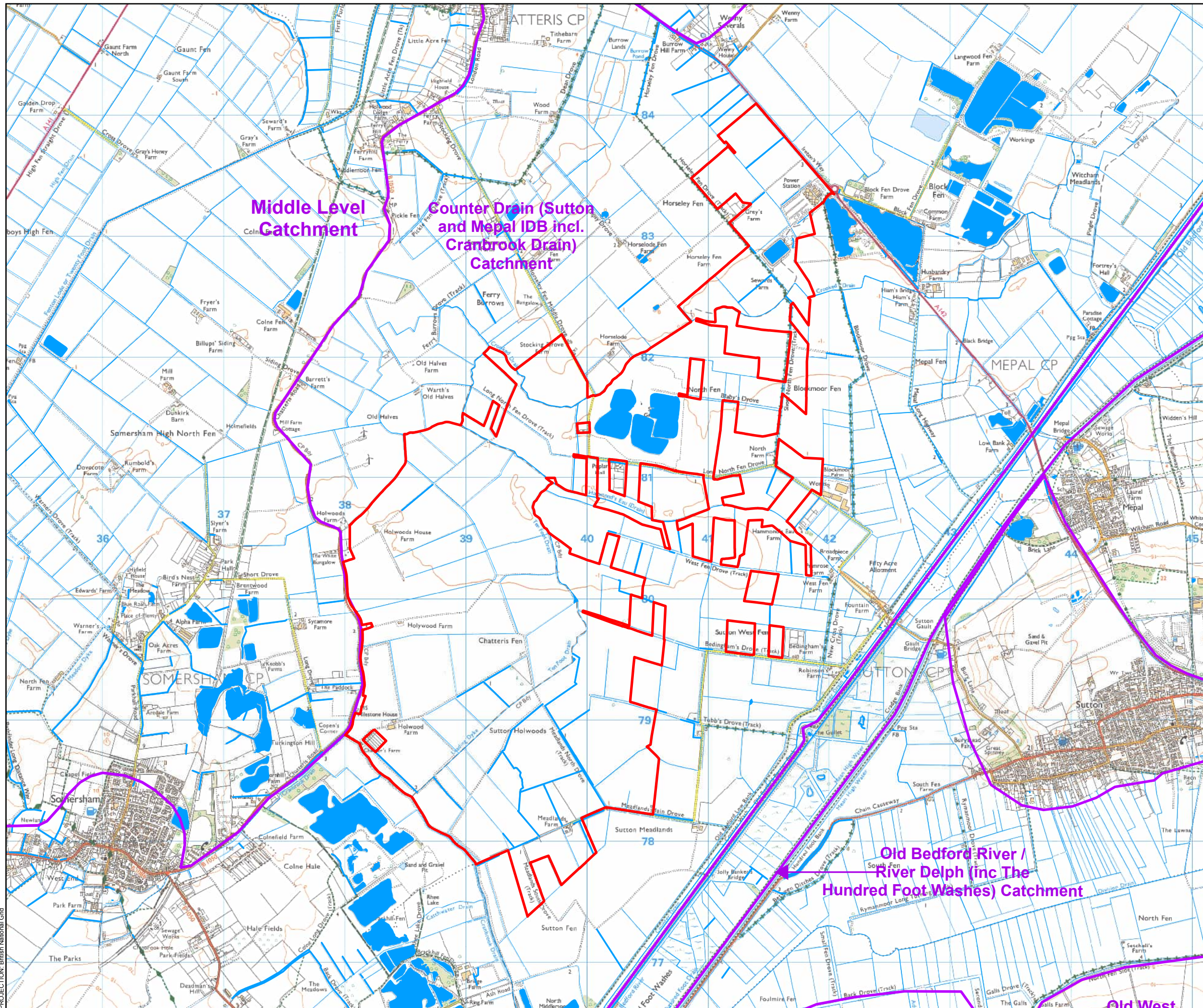
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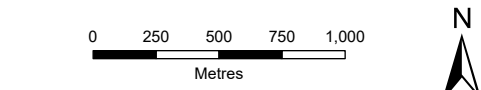
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SCALE: See Scale Bar	VERSION: A01
SIZE: A3	DRAWN: EM
PROJECT: 0824470	CHECKED: JM
DATE: 02/09/2026	APPROVED: DS

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

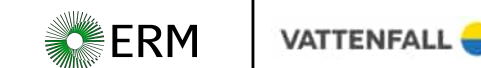


- Indicative Order Limits
- Hydrology**
- Catchments
- Watercourses (1:25K OS Map)
- Standing Surface Water

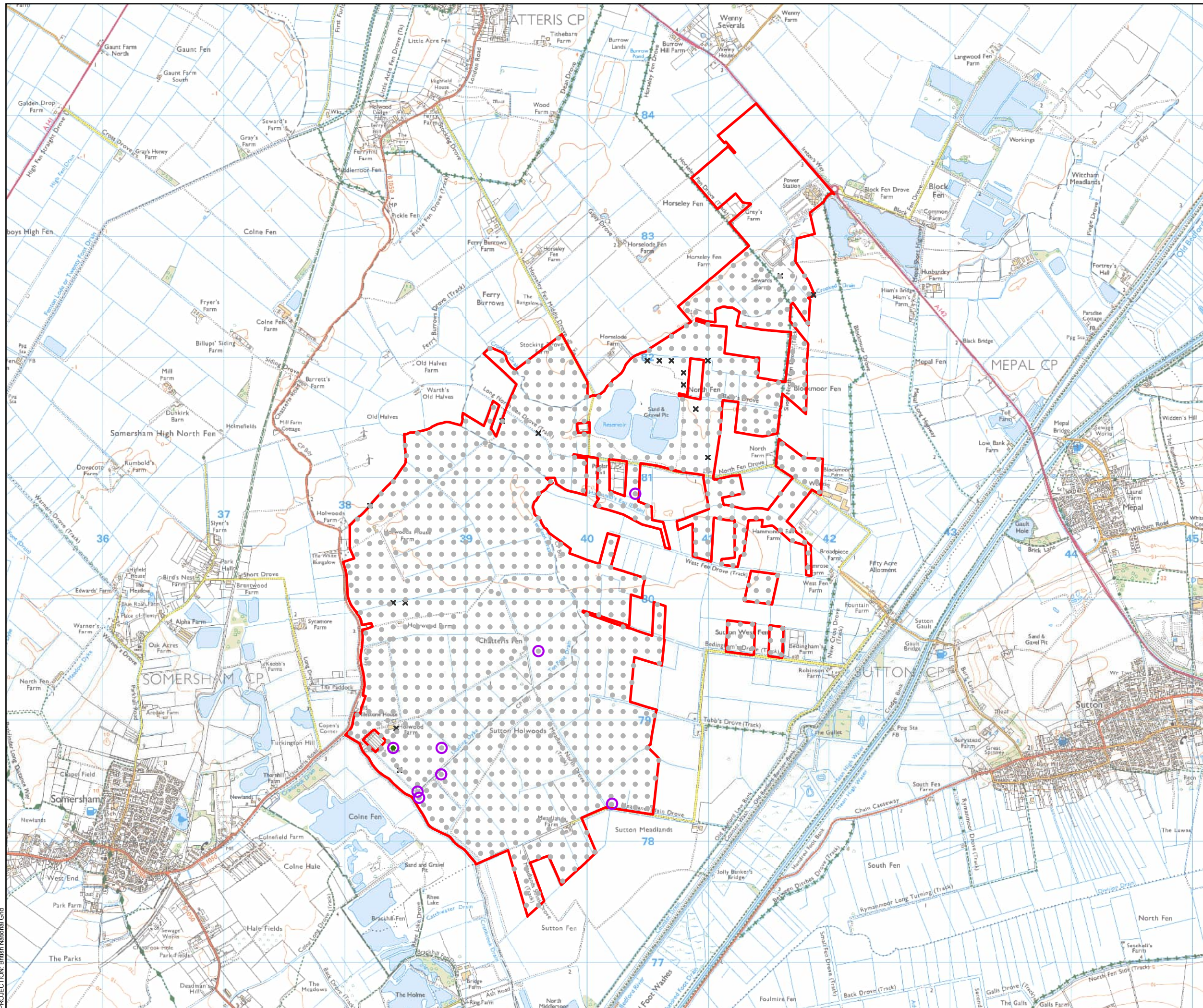


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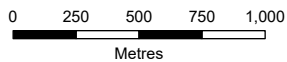
Figure 11.6: Hydrological Features
Hydrology, Hydrogeology, Geology
and Peat
Chatteris Wind Farm



PROJECTION: British National Grid



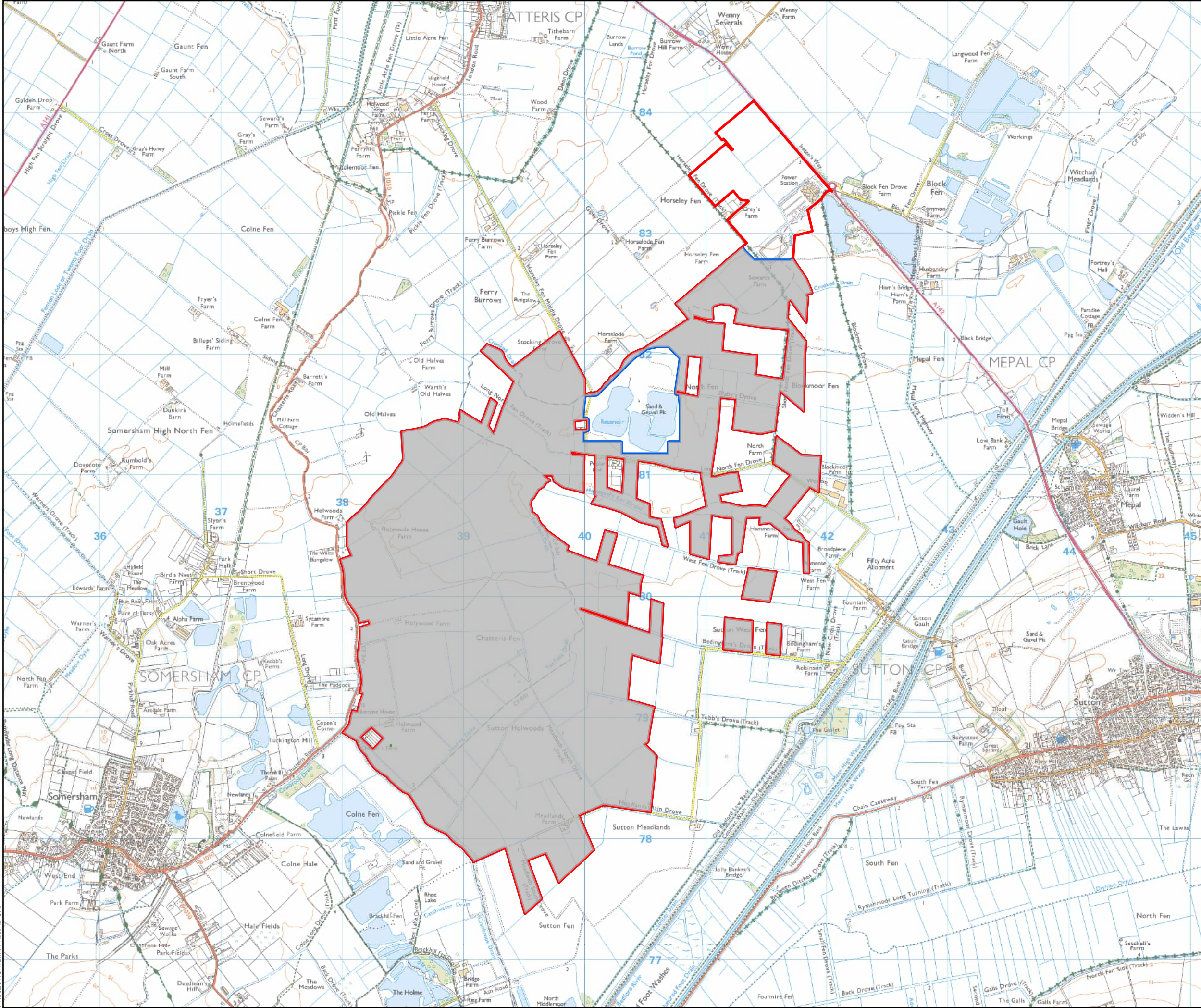
- Indicative Order Limits
- Peat Depth of Penetration (m)**
- 0 - 0.3 m
 - > 0.3 - 0.5 m
 - No Data
 - Core Locations



SCALE: See Scale Bar	VERSION: A01
SIZE: A3	DRAWN: EM
PROJECT: 0824470	CHECKED: JM
DATE: 24/09/2026	APPROVED: DS

Figure 11.8 Peat Depth of Penetration
Hydrology, Hydrogeology, Geology
and Peat
Chatteris Wind Farm





Indicative Order Limits

Study Area

Estimated Peat Depth (m)

0 - 0.3 m

> 0.3 - 0.5 m

0

250

500

750

1,000

Metres

N

SCALE: See Scale Bar

VERSION: A01

SIZE: A3

DRAWN: EM

PROJECT: 0824470

CHECKED: JM

DATE: 24/09/2026

APPROVED: DS

Figure 11.9 Estimated Peat Depth

Hydrology, Hydrogeology, Geology

and Peat

Chatteris Wind Farm

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