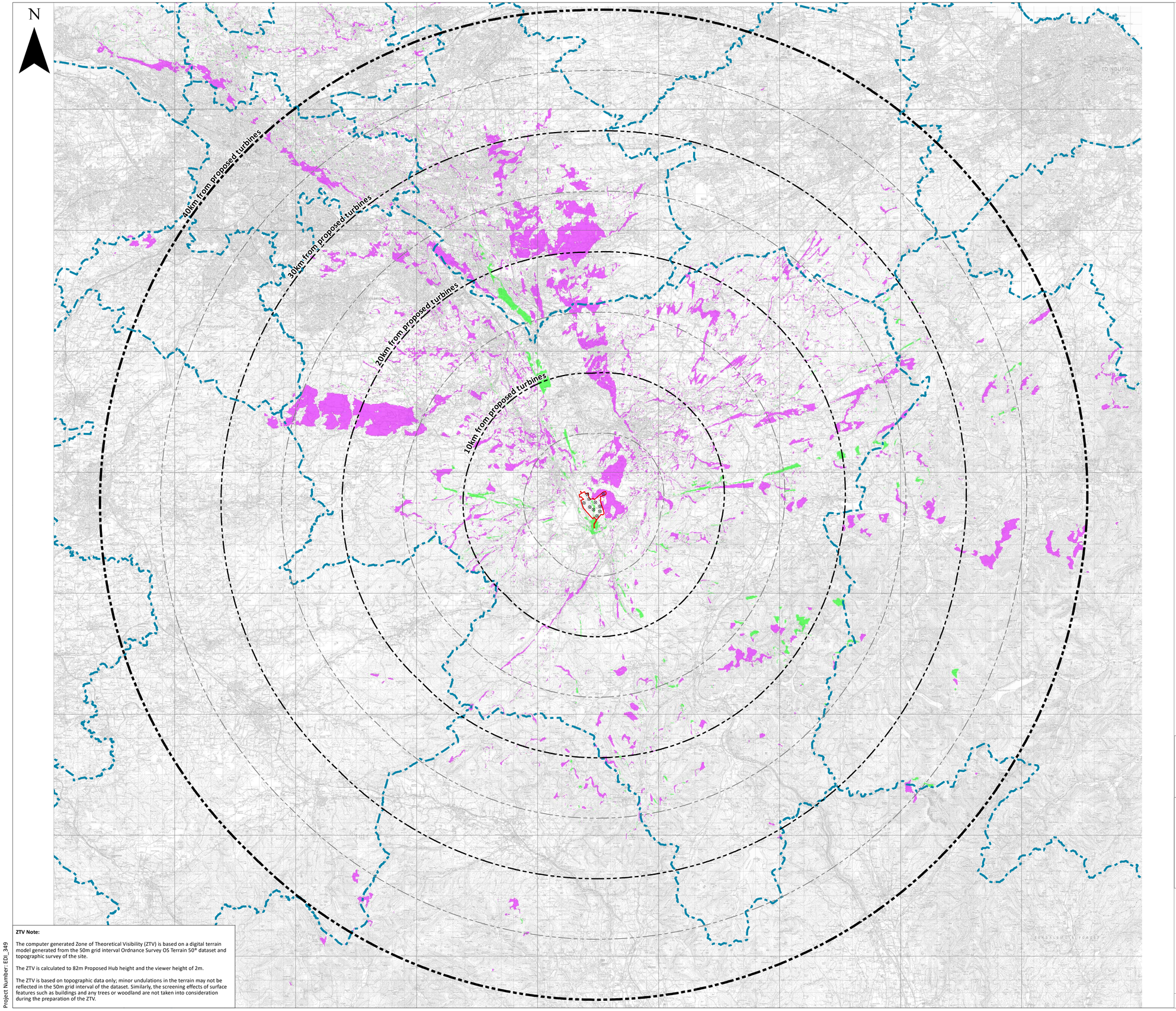

KEY

- Site Boundary
- Turbine Locations
- 5km buffers from proposed turbines
- Unitary Authority Boundaries
- Additional areas within ZTV extent
- Areas no longer within ZTV extent

Turbine No.	Easting	Northing	Hub Height	Blade Length	Overall Height
T1	284911	636403	82m	68m	149.9m
T2	284316	637132	82m	68m	149.9m
T3	283831	637462	82m	68m	149.9m
T4	284114	638188	82m	68m	149.9m
T5	284767	637520	82m	68m	149.9m
T6	285162	637191	82m	68m	149.9m
T7	285144	636784	82m	68m	149.9m
T8	284614	636931	82m	68m	149.9m
T9	285430	638231	82m	68m	149.9m
T10	284250	637784	82m	68m	149.9m

0 5 10 15 km

Scale 1:150,000 @ A1

BayWa r.e.

Broken Cross SEI Report

ZTV Note:

The computer generated Zone of Theoretical Visibility (ZTV) is based on a digital terrain model generated from the 50m grid interval Ordnance Survey OS Terrain 50® dataset and topographic survey of the site.

The ZTV is calculated to 82m Proposed Hub height and the viewer height of 2m.

The ZTV is based on topographic data only; minor undulations in the terrain may not be reflected in the 50m grid interval of the dataset. Similarly, the screening effects of surface features such as buildings and any trees or woodland are not taken into consideration during the preparation of the ZTV.

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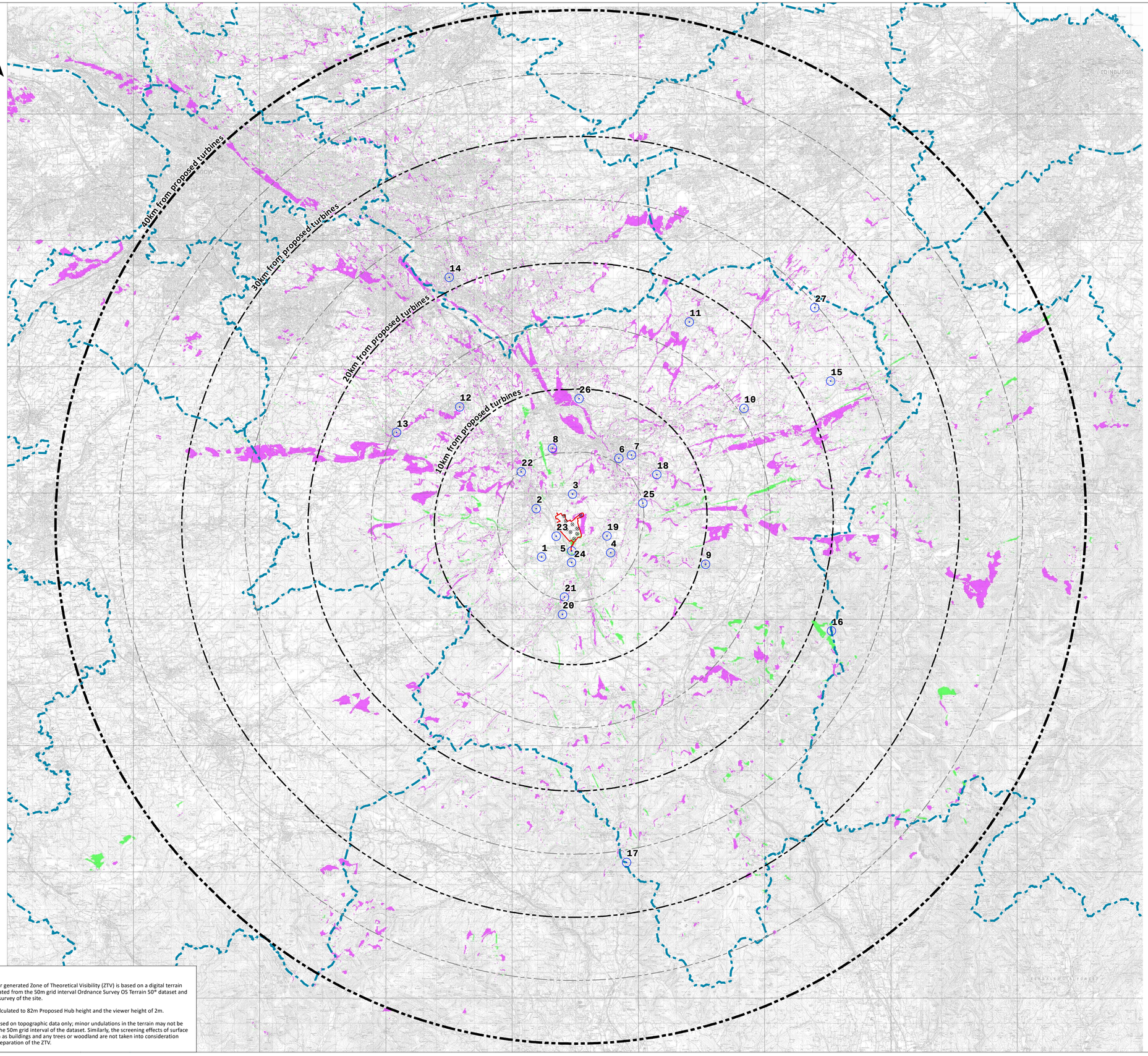
40km Study Area **Figure 7.5**

T8 Relocation Layout vs Consented Layout ZTV - Hub Height

Date:	Drawn by:	Checked by:	Version:
November 2023	AR	MC	V1

784-B047223



KEY

- Site Boundary
- Turbine Locations
- 5km buffers from proposed turbines
- Viewpoint locations
- Unitary Authority Boundaries
- Additional areas within ZTV extent
- Areas no longer within ZTV extent

Turbine No.	Easting	Northing	Hub Height	Blade Length	Overall Height
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T2	284316	637132	82m	68m	149.9m
T3	283831	637462	82m	68m	149.9m
T4	284114	638188	82m	68m	149.9m
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T10	284250	637784	82m	68m	149.9m

0 5 10 15 km

Scale 1:150,000 @ A1

BayWa r.e.

Broken Cross SEI Report

ZTV Note:

The computer generated Zone of Theoretical Visibility (ZTV) is based on a digital terrain model generated from the 50m grid interval Ordnance Survey OS Terrain 50® dataset and topographic survey of the site.

The ZTV is calculated to 82m Proposed Hub height and the viewer height of 2m.

The ZTV is based on topographic data only; minor undulations in the terrain may not be reflected in the 50m grid interval of the dataset. Similarly, the screening effects of surface features such as buildings and any trees or woodland are not taken into consideration during the preparation of the ZTV.

Project Number: EDI_349

40km Study Area **Figure 7.6**

T8 Relocation Layout vs Consented Layout ZTV - Blade Tip Height

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