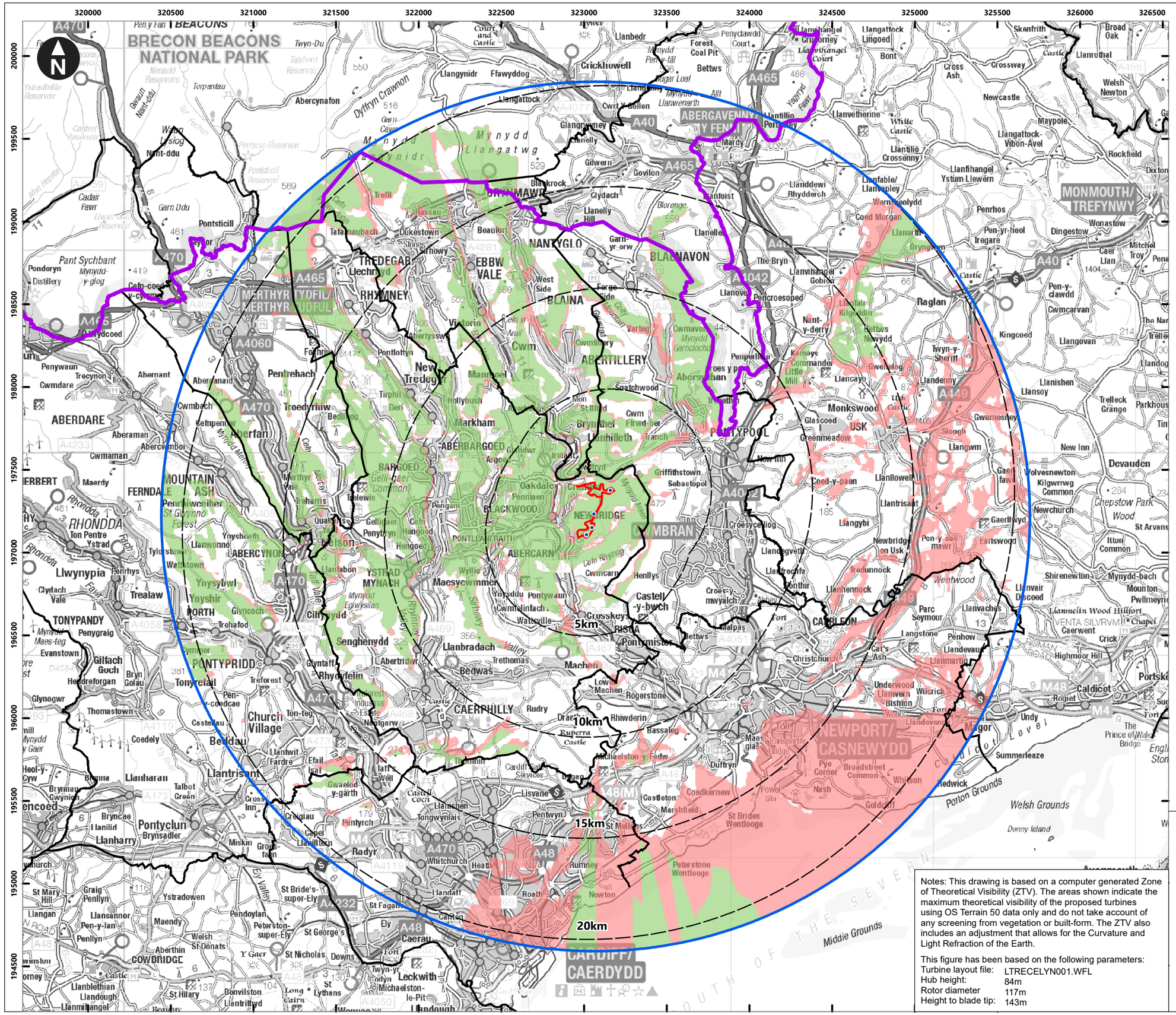

Key

- Proposed Turbine Locations
- LVIA Study Area
- Site Boundary
- Lines indicating the distance from the proposed turbines
- Local authority boundaries
- Proposed Hub Heights may be theoretically visible
- Proposed Blade Tips may be theoretically visible
- Brecon Beacons National Park

Notes: This drawing is based on a computer generated Zone of Theoretical Visibility (ZTV). The areas shown indicate the maximum theoretical visibility of the proposed turbines using OS Terrain 50 data only and do not take account of any screening from vegetation or built-form. The ZTV also includes an adjustment that allows for the Curvature and Light Refraction of the Earth.

This figure has been based on the following parameters:

Turbine layout file:	LTRECELYN001.WFL
Hub height:	84m
Rotor diameter	117m
Height to blade tip:	143m

Trecelyn Wind Farm
Landscape and Visual Impact Assessment

Figure 6.11
National Landscape Designations with Zone of Theoretical Visibility (ZTV) to Hub and Blade Tip

October 2023

C:\Users\UKCLB775\OneDrive - WSP O365\Temp Windfarm\Trecelyn\ArcGIS\2023-06 Design Freeze\MXD\Fig 6.11 Designations 62281426-WSP-FG-OL-00021_R1.mxd Originator: UKCLB775