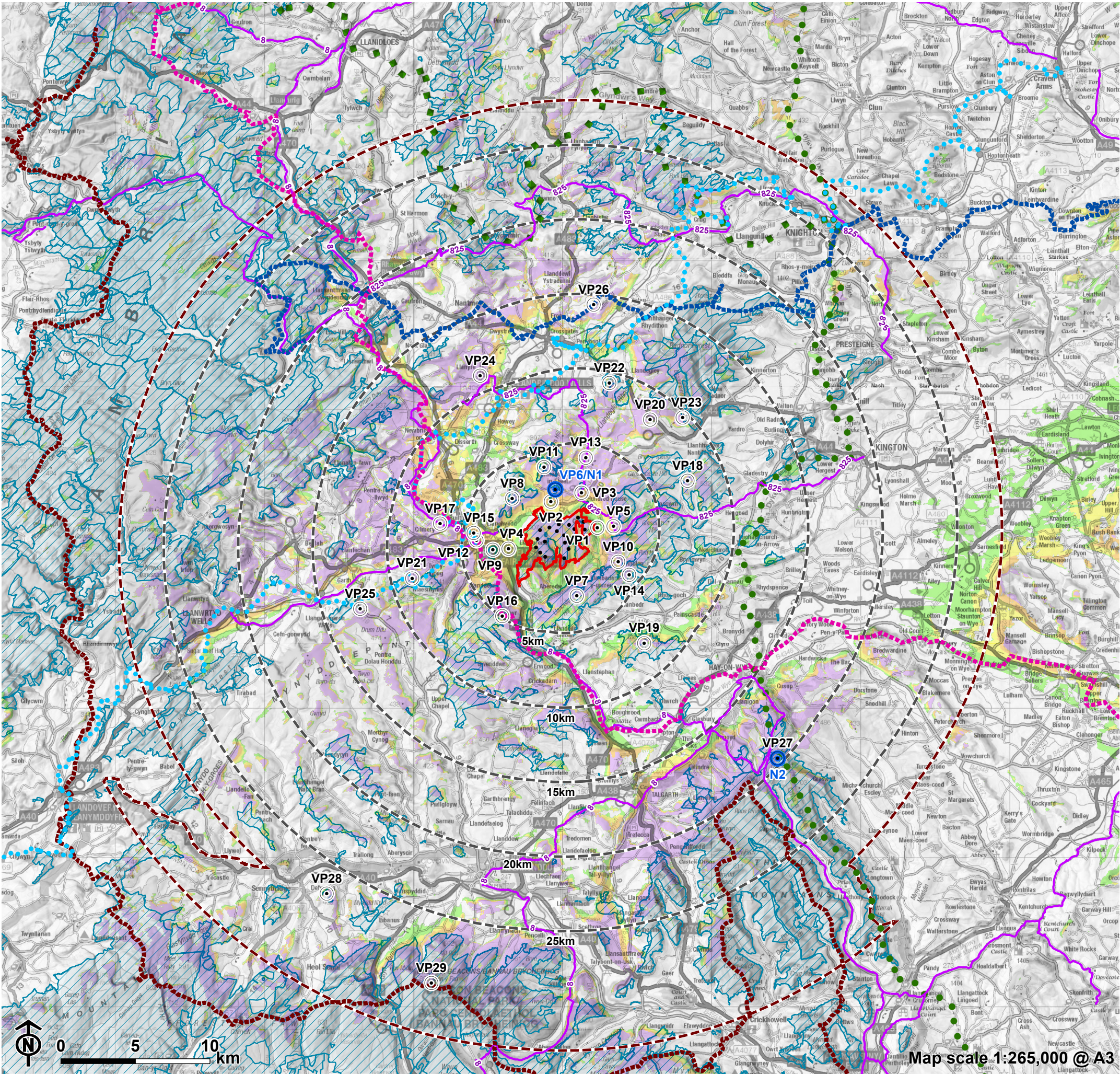


Figure 5.16a: Blade Tip Height (200m) Zone of Theoretical Visibility within Full Study Area - Open Access Land, PRowWs, Promoted Walking Routes and Cycle Routes



- LVIA Study Area
- Application boundary
- Turbine
- Turbine buffers - 5km interval
- Open Access Land
- National Cycle Network (NCN)

National Trail

- Glyndwrs Way
- Offa's Dyke Path

Long Distance Walks

- Cambrian Way
- Elan Valley Way
- Heart of Wales Line Trail
- Wye Valley Walk

Background ZTV to Tip Height (200m)

- 1-5 Turbines visible
- 6-10 Turbines visible
- 11-15 Turbines visible
- 17 - 18 Turbines visible
- Day-time Viewpoint
- Night-time Viewpoint

Notes

*For viewpoint names please see Figure 5.4a/b

The study area within the BBNP extends to 33 km so that the summits of Pen y Fan, Corn Du, Cribyn and Fan y Big are considered in the LVIA, as requested by NRW.

Open Access Land is a combination of Registered Common Land, Other Statutory Access Land, Other Dedicated Land and Open Country. Contains Natural Resources Wales information © Natural Resources Wales and database right. Contains derived Ordnance Survey Data. Ordnance Survey license number 100019741. Crown Copyright and Database right 2025. Sustrans National Cycle Network data contains Ordnance Survey data (© Crown copyright and database rights (2025))

The ZTV is calculated to turbine tip height (200m) from a viewing height of 2m above ground level. The terrain model assumes bare ground and is derived from 1m LiDAR height data (obtained from the Welsh Government and Environment Agency in September 2024). Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcGIS Pro 3.4.0 software.