



SCLENTEUCH WIND FARM

FIGURE 5.1.2a BLADE TIP HEIGHT (180M AND 200M) ZONE OF THEORETICAL VISIBILITY (ZTV) AND VIEWPOINT LOCATIONS

CONTAINS ORDNANCE SURVEY DATA © CROWN COPYRIGHT AND DATABASE RIGHT 2022

- Turbine
- ▭ Proposed Development Area
- 5km intervals from outer turbines
- 45km study area
- Potential Turbine Visibility (Tip Height)**
- ▭ 1 - 3 turbines visible
- ▭ 4 - 6 turbines visible
- ▭ 7 - 9 turbines visible
- ⊙ Viewpoint
- Recreation Routes**
- ▬ A Road (to 10km)
- ▬ B Road (to 10km)
- ▬ Core path (to 5km)
- ▬ Railway (to 10km)
- Long Distance Routes (to 15km)
- ▬ Ayrshire Coastal Path (to 15km)
- ▬ River Ayr Way (to 15km)
- ▬ National Cycle Network (NCN) (to 15km)

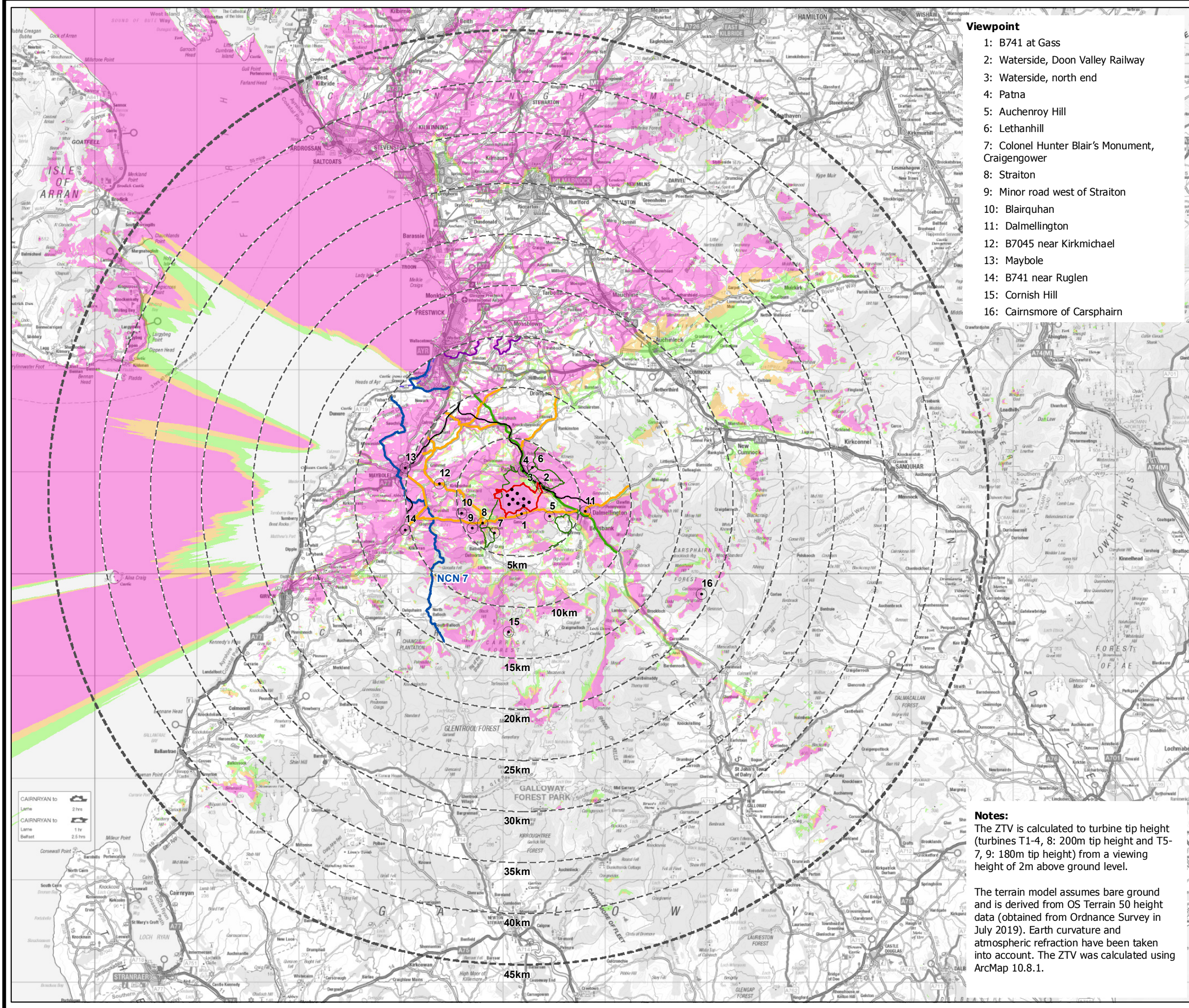
Viewpoint

- 1: B741 at Gass
- 2: Waterside, Doon Valley Railway
- 3: Waterside, north end
- 4: Patna
- 5: Auchenyroy Hill
- 6: Lethanhill
- 7: Colonel Hunter Blair's Monument, Craigenpower
- 8: Straiton
- 9: Minor road west of Straiton
- 10: Blairquhan
- 11: Dalmellington
- 12: B7045 near Kirkmichael
- 13: Maybole
- 14: B741 near Ruglen
- 15: Cornish Hill
- 16: Cairnsmore of Carsphairn

Notes:

The ZTV is calculated to turbine tip height (turbines T1-4, 8: 200m tip height and T5-7, 9: 180m tip height) from a viewing height of 2m above ground level.

The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019). Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcMap 10.8.1.



Data source: RES, LUC, NatureScot, SUSTRANS, LDWA

LAYOUT DWG: 03896-RES-LAY-DR-TE-001

T.LAYOUT NO.: PSC0sci026

DRAWING NUMBER

FIG51_02a_11507_RES_LVIA_ZTV_05T50_TIP200_180m_PSC0sci026_VP_45km_A3L

SCALE - 1:365,000 @ A3

ENVIRONMENTAL STATEMENT & PLANNING APPLICATION 2022

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