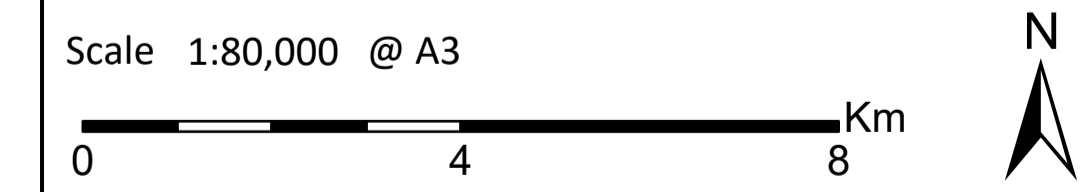


- Key**
- Proposed Turbines
  - Viewpoint
  - ⊙ Wireline Only Viewpoint
  - ▭ Site Boundary
  - 5km Radii
  - ▭ 20km Detailed LVIA Study Area
- Blade Tip Zone of Theoretical Visibility (ZTV) Bare Earth**
- No of Blade Tips Theoretically Visible*
- 1-3
  - 4-6
  - 7-9
  - 10-12

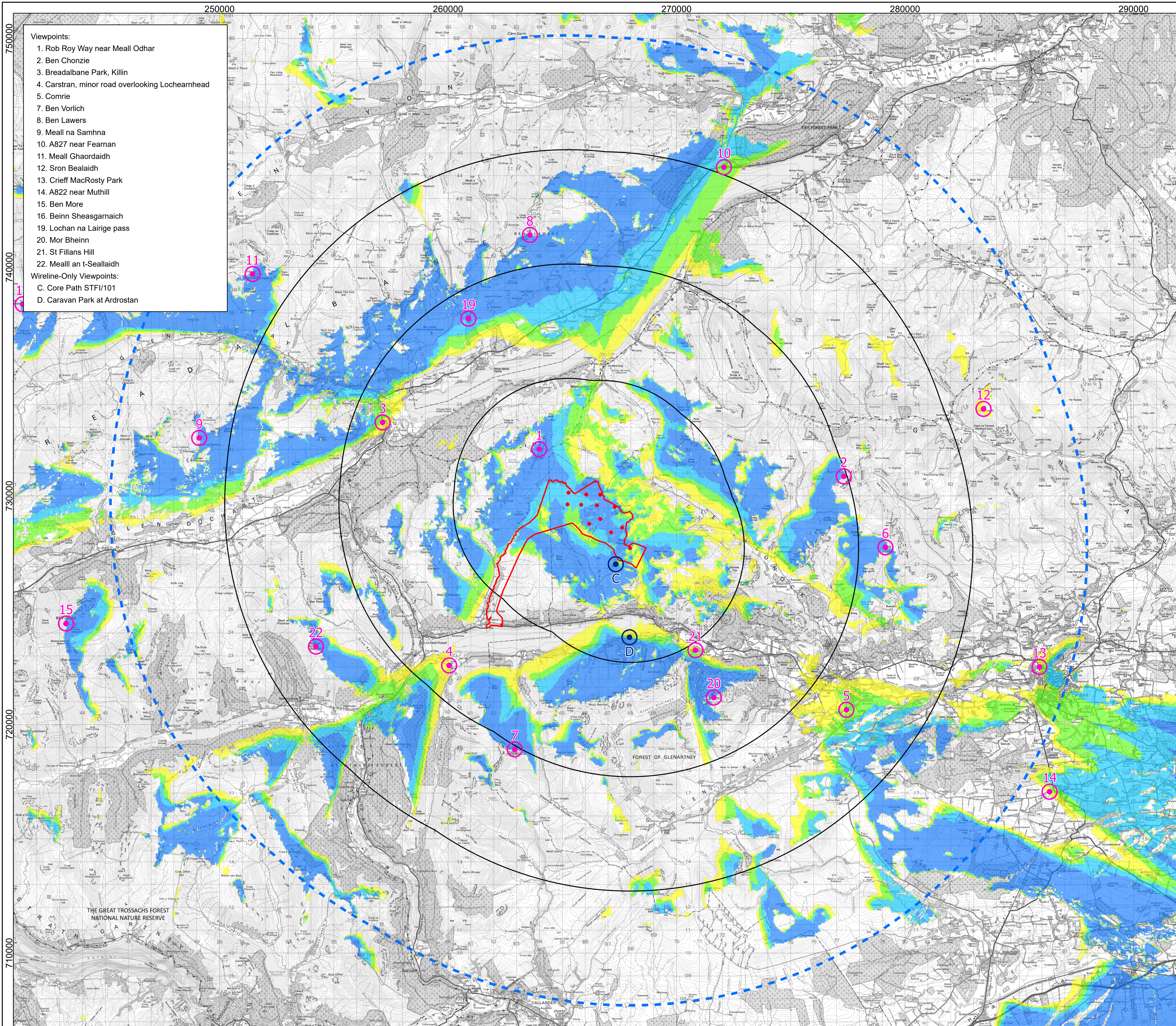
This Zone of Theoretical Visibility (ZTV) has been generated using ESRI ArcGIS Spatial Analyst extension using the assumptions detailed in the infobox below. The digital terrain model (DTM) has the following accuracy: OS Terrain 5 dataset (+/-2 m) up to 20km from turbine locations, OS Terrain 50 dataset (+/-10 m). The ZTV view height of 2 m above ground level is recommended by "Visual Representation of Windfarms" by NatureScot February 2017 - Version 2.2. The ZTV is generated from a bare earth terrain and does not account for the screening effect of features within the landscape such as settlements and woodland. The ZTV shows potential theoretical visibility only and is for informing 'on the ground' visual assessment.

Blade tip:	180m	Observer height:	2m
DTM:	OS Terrain 50	Surface features:	Excluded
DTM resolution:	50m	Earth curvature:	Included



**Figure 5.7b**  
**Blade tip ZTV with viewpoints (A1)**

**Glentarken Wind Farm**  
**EIAR 2024**



- Viewpoints:**
1. Rob Roy Way near Meall Odhar
  2. Ben Chonzie
  3. Breadalbane Park, Killin
  4. Carstran, minor road overlooking Lochearnhead
  5. Comrie
  7. Ben Vorlich
  8. Ben Lawers
  9. Meall na Samhna
  10. A827 near Fearnan
  11. Meall Ghaordaidh
  12. Sron Bealaidh
  13. Crieff MacRosty Park
  14. A822 near Muthill
  15. Ben More
  16. Beinn Sheasgarnaich
  19. Lochan na Lairige pass
  20. Mor Bheinn
  21. St Fillans Hill
  22. Meall an t-Seallaidh
- Wireline-Only Viewpoints:**
- C. Core Path STF1/101
  - D. Caravan Park at Ardrostan