

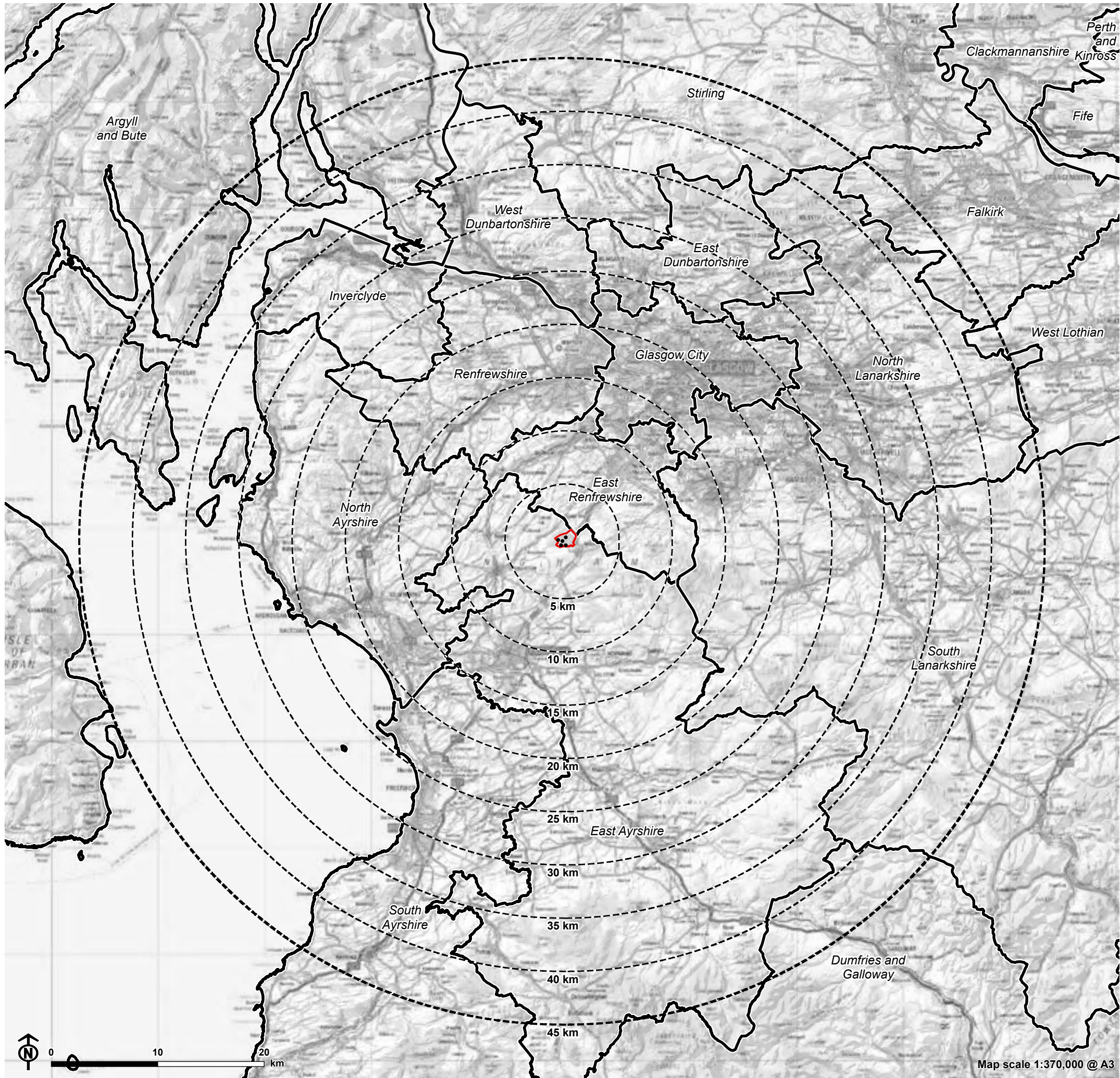


Figure 5.1.1: Landscape and Visual Impact Assessment
Study Area

- Site boundary
- Turbine
- 5 km intervals from outermost turbines
- 45 km from outermost turbines
- Local authority boundary

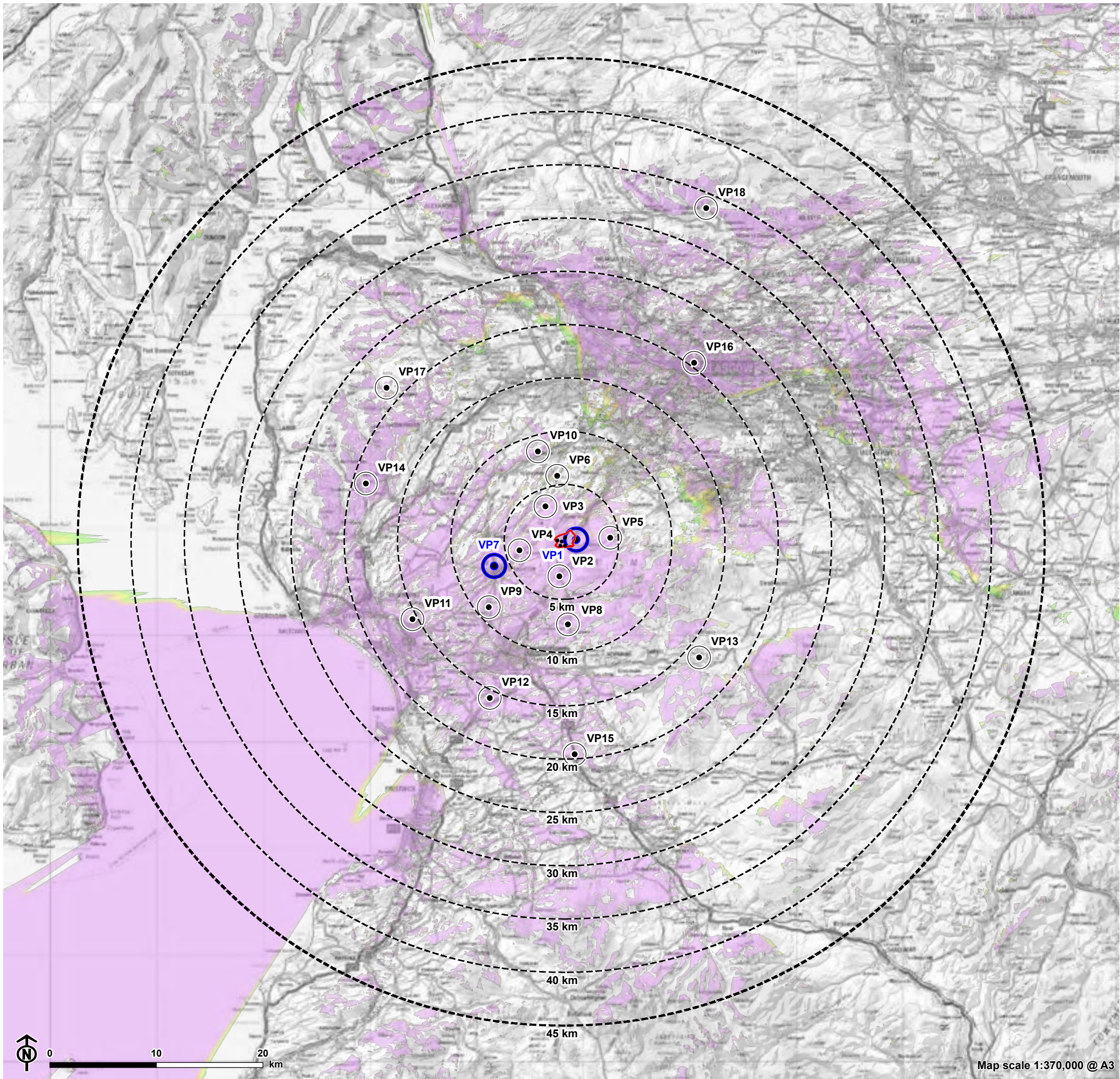


Figure 5.1.2a: Blade Tip Height (200 m) Zone of Theoretical Visibility (ZTV) and Viewpoint Locations

- Site boundary
- Turbine
- 5 km intervals from outermost turbines
- 45 km from outermost turbines
- LVIA day-time viewpoint
- LVIA day-time and night-time viewpoint

- 1: A77 near Drumboy
- 2: Glassock Bridge - A77/A719
- 3: Harelaw Road
- 4: Kingsford B769
- 5: Queenseat B764
- 6: Neilston Pad
- 7: Dunlop Road (A735), Stewarton
- 8: Berryhill Moscow A719
- 9: Builston A735
- 10: Foreside
- 11: Standing Stones, north of Irvine
- 12: B7038 Ditton south of Kilmarnock
- 13: Loudon Hill A71
- 14: Kilbirnie Connelston A760
- 15: Mauchline A76
- 16: Glasgow Necropolis
- 17: Clyde Muirshiel Regional Park Visitor Centre
- 18: Wright's Well, Campsie Fells

Theoretical blade tip visibility (turbine blade tip height 200 m)

- 1 - 2 turbines visible
- 3 turbines visible
- 4 turbines visible
- 5 turbines visible

Note:
The ZTV illustrates the extent of visibility of the proposed Glenouther Wind Farm (turbine blade tip height 200 m). Visibility is shown to a distance of 45 km from the outermost turbines in all directions. The ZTV is calculated to turbine blade tip height from a viewing height of 2 m above ground level. The terrain model is derived from OS Terrain 5 and OS Terrain 50 height data (obtained from Ordnance Survey in 2026). Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcGIS Pro 3.6.1 software.

Note:
The ZTV illustrates the extent of visibility of the proposed Glenouther Wind Farm (turbine blade tip height 200 m). Visibility is shown to a distance of 20 km from the outermost turbines in all directions. The ZTV is calculated to turbine blade tip height from a viewing height of 2 m above ground level. The terrain model is derived from OS Terrain 5 and OS Terrain 50 height data (obtained from Ordnance Survey in 2026). Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcGIS Pro 3.6.1

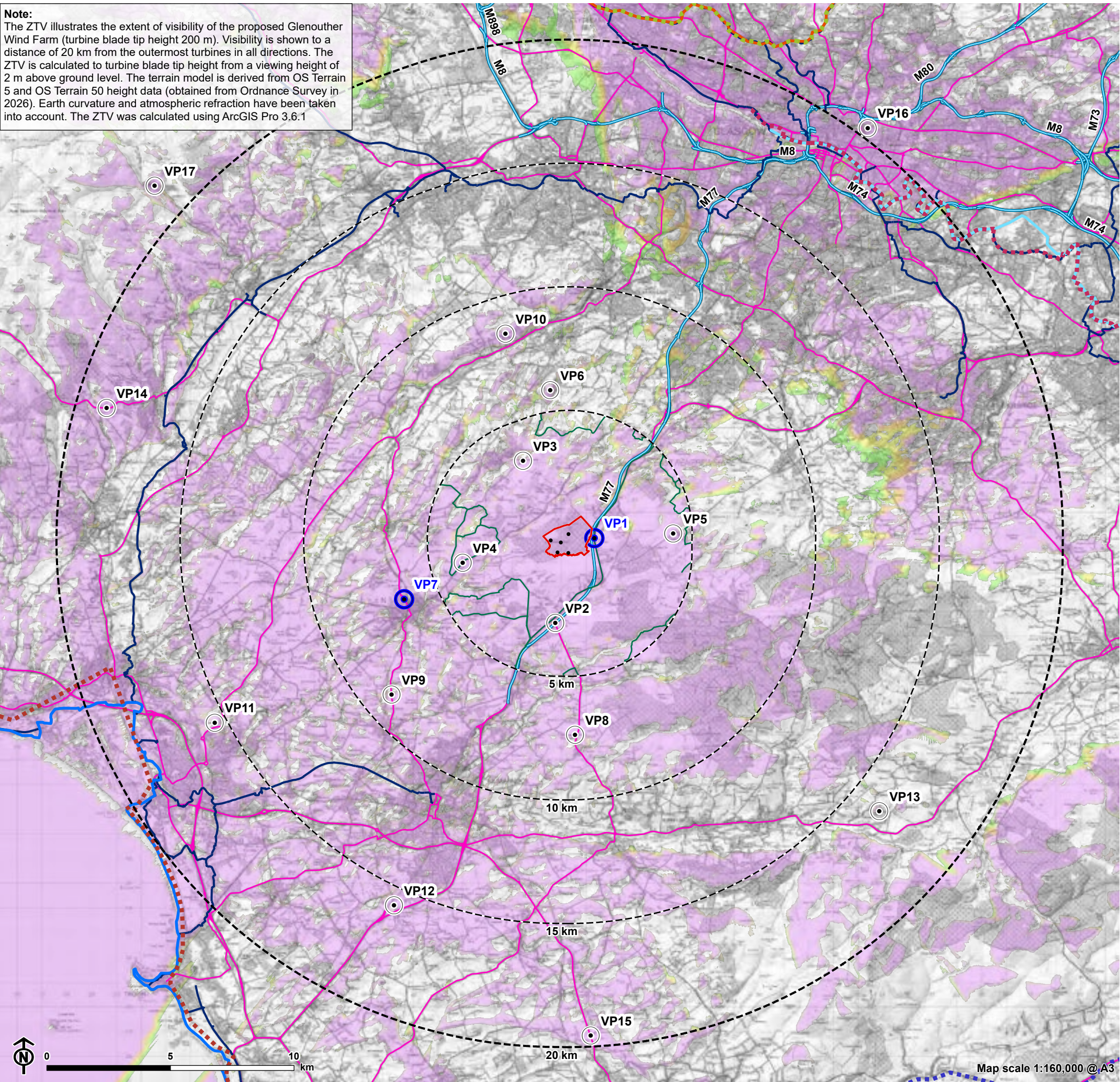


Figure 5.1.2b: Blade Tip Height (200 m) Zone of Theoretical Visibility (ZTV) and Visual Receptors to 20 km

- Site boundary
 - Turbine
 - 5 km intervals from outermost turbines
 - 20 km from outermost turbines
 - A Road
 - Motorway
 - National Cycle Network
 - Core path within 5 km of outermost turbines
- Scotland's Great Trails**
- Ayrshire Coastal Path
 - Clyde Walkway
 - Forth Clyde Canal/Union Canal Towpath
 - River Ayr Way
- Long distance walking route**
- Clyde Walkway
 - Edinburgh to Glasgow Canals Walk
 - Firth o Clyde Rotary Trail
- LVIA day-time viewpoint
⊙ LVIA day-time and night-time viewpoint
- | | |
|----------------------------------|--|
| 1: A77 near Drumboy | 10: Foreside |
| 2: Glassock Bridge - A77/A719 | 11: Standing Stones, north of Irvine |
| 3: Harelaw Road | 12: B7038 Ditton south of Kilmarnock |
| 4: Kingsford B769 | 13: Loudon Hill A71 |
| 5: Queenseat B764 | 14: Kilbirnie Connelston A760 |
| 6: Neilston Pad | 15: Mauchline A76 |
| 7: Dunlop Road (A735), Stewarton | 16: Glasgow Necropolis |
| 8: Berryhill Moscow A719 | 17: Clyde Muirshiel Regional Park Visitor Centre |
| 9: Builston A735 | |

Theoretical blade tip visibility (turbine blade tip height 200 m)

- 1 - 2 turbines visible
- 3 turbines visible
- 4 turbines visible
- 5 turbines visible



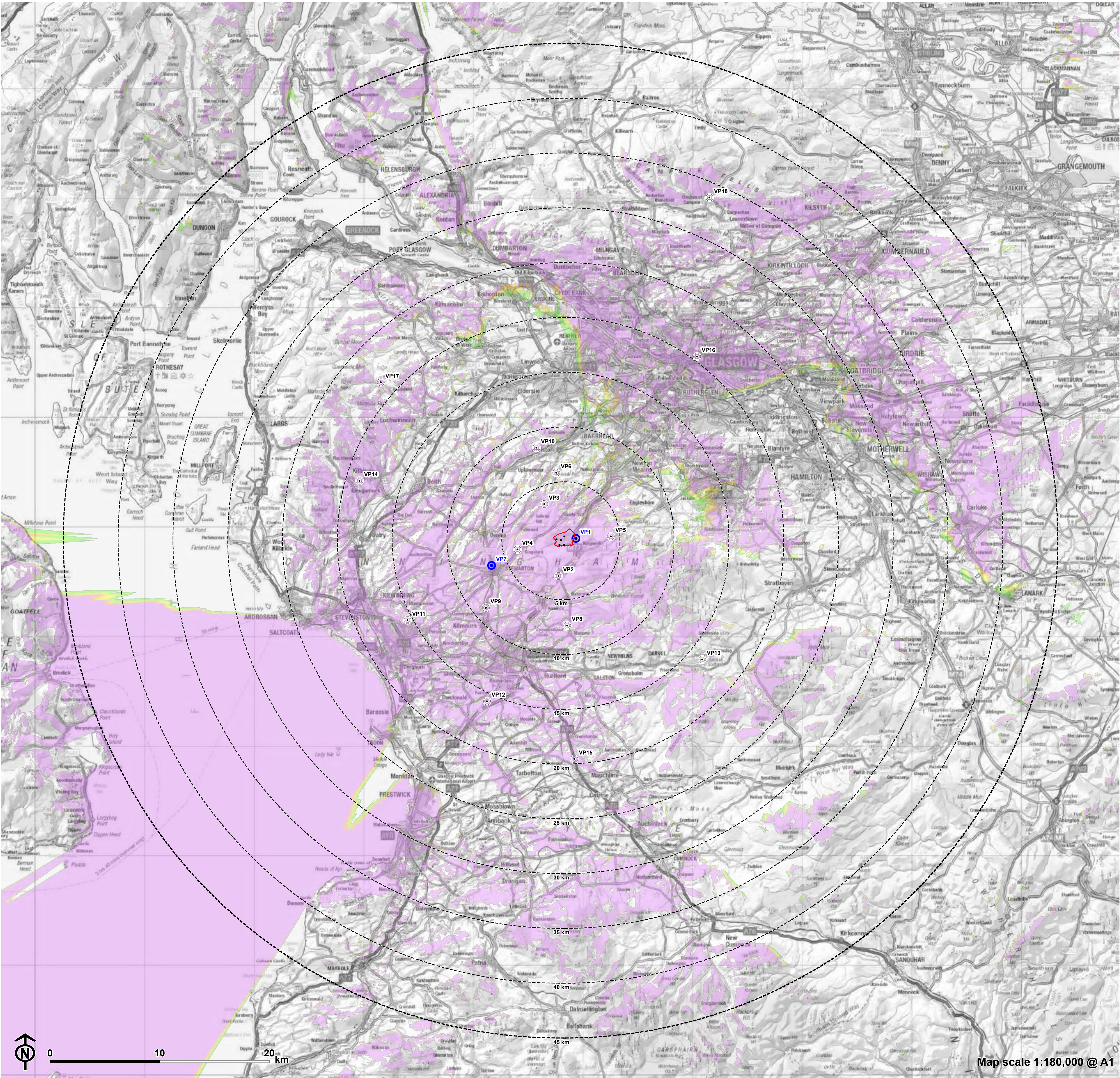


Figure 5.1.2c: Blade Tip Height (200 m) Zone of Theoretical Visibility (ZTV) and Viewpoint Locations (A1 format plan)

- Site boundary
 - Turbine
 - 5 km intervals from outermost turbines
 - 45 km from outermost turbines
 - LVIA day-time viewpoint
 - LVIA day-time and night-time viewpoint
- A77 near Drumbo
 - Glassock Bridge - A77/A719
 - Harelaw Road
 - Kingsford B769
 - Queenseat B764
 - Neilston Pad
 - Dunlop Road (A735), Stewarton
 - Berryhill Moscow A719
 - Builston A735
 - Forside
 - Standing Stones, north of Irvine
 - B7038 Ditton south of Kilmarnock
 - Loudon Hill A71
 - Kilbirnie Connelston A760
 - Mauchline A76
 - Glasgow Necropolis
 - Clyde Muirshiel Regional Park Visitor Centre
 - Wright's Well, Campsie Fells

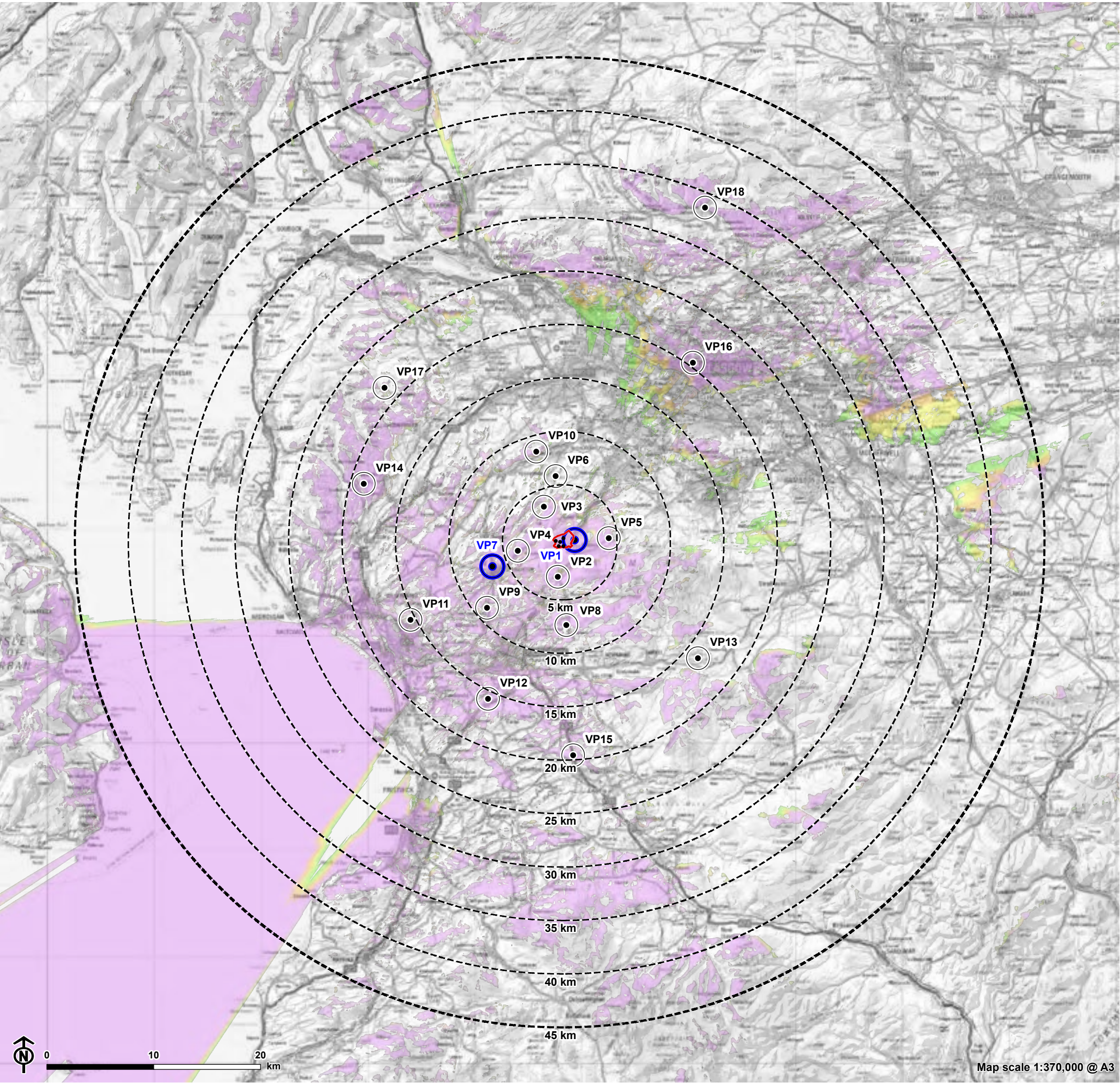
Theoretical blade tip visibility (turbine blade tip height 200 m)

- 1 - 2 turbines visible
- 3 turbines visible
- 4 turbines visible
- 5 turbines visible

Note:
The ZTV illustrates the extent of visibility of the proposed Glenouther Wind Farm (turbine blade tip height 200 m). Visibility is shown to a distance of 45 km from the outermost turbines in all directions. The ZTV is calculated to turbine blade tip height from a viewing height of 2 m above ground level. The terrain model is derived from OS Terrain 5 and OS Terrain 50 height data (obtained from Ordnance Survey in 2026). Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcGIS Pro 3.6.1 software.



Figure 5.1.3a: Hub Height (119 m) Zone of Theoretical Visibility (ZTV) and Viewpoint Locations



- Site boundary
- Turbine
- 5 km intervals from outermost turbines
- 45 km from outermost turbines
- LVIA day-time viewpoint
- LVIA day-time and night-time viewpoint

- 1: A77 near Drumboy
- 2: Glassock Bridge - A77/A719
- 3: Harelaw Road
- 4: Kingsford B769
- 5: Queenseat B764
- 6: Neilston Pad
- 7: Dunlop Road (A735), Stewarton
- 8: Berryhill Moscow A719
- 9: Builston A735
- 10: Foreside
- 11: Standing Stones, north of Irvine
- 12: B7038 Ditton south of Kilmarnock
- 13: Loudon Hill A71
- 14: Kilbirnie Connelston A760
- 15: Mauchline A76
- 16: Glasgow Necropolis
- 17: Clyde Muirshiel Regional Park Visitor Centre
- 18: Wright's Well, Campsie Fells

Theoretical hub visibility (turbine hub height 119 m)

- 1 - 2 turbine hubs visible
- 3 turbine hubs visible
- 4 turbine hubs visible
- 5 turbine hubs visible

Note:
The ZTV illustrates the extent of visibility of the proposed Glenouther Wind Farm (turbine hub height 119 m). Visibility is shown to a distance of 45 km from the outermost turbines in all directions. The ZTV is calculated to turbine hub height from a viewing height of 2 m above ground level. The terrain model is derived from OS Terrain 5 and OS Terrain 50 height data (obtained from Ordnance Survey in 2026). Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcGIS Pro 3.6.1 software.

Note:
The ZTV illustrates the extent of visibility of the proposed Glenouther Wind Farm (turbine hub height 119 m). Visibility is shown to a distance of 20 km from the outermost turbines in all directions. The ZTV is calculated to turbine hub height from a viewing height of 2 m above ground level. The terrain model is derived from OS Terrain 5 and OS Terrain 50 height data (obtained from Ordnance Survey in 2026). Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcGIS Pro 3.6.1 software.

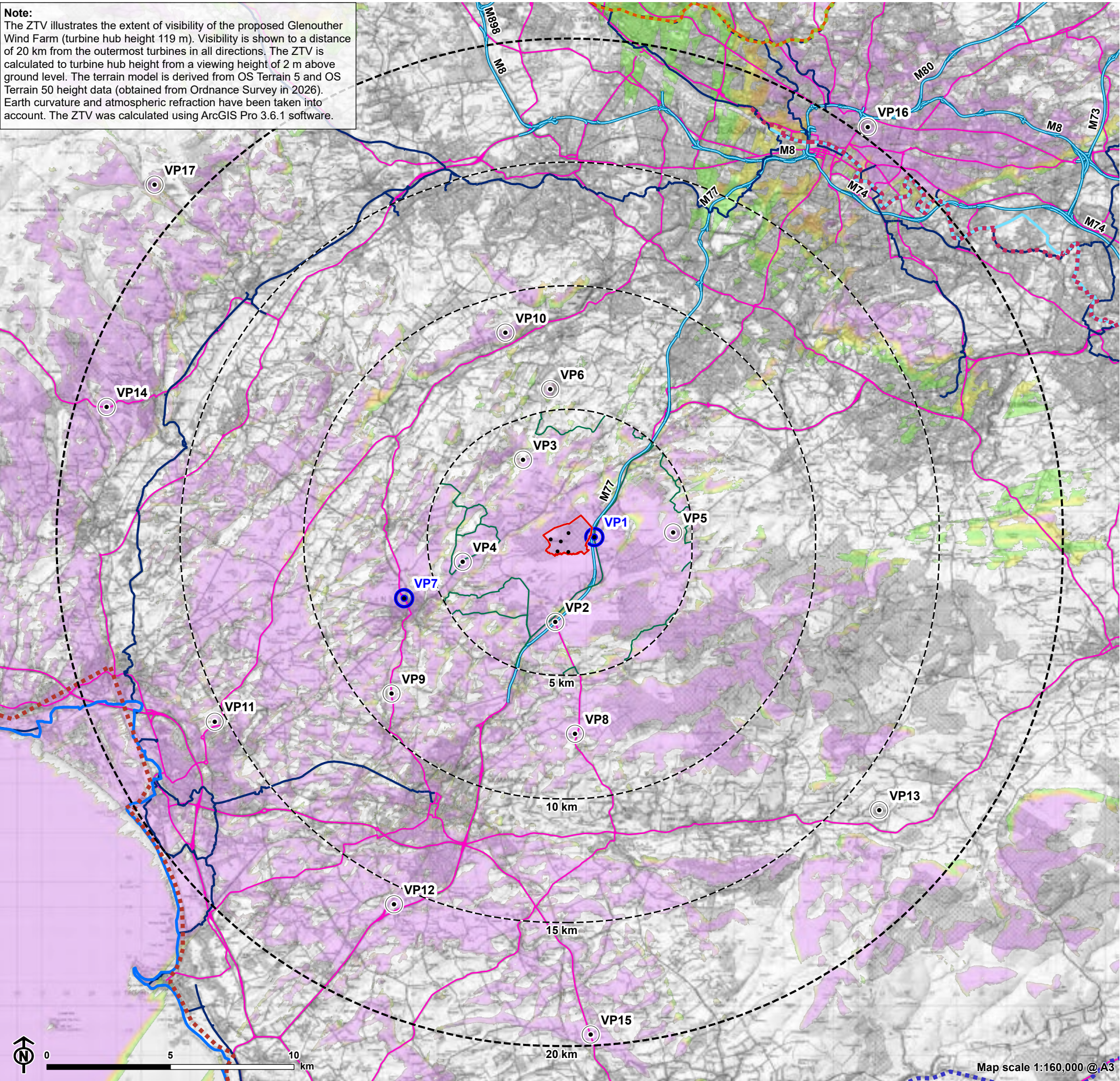


Figure 5.1.3b: Hub Height (119 m) Zone of Theoretical Visibility (ZTV) and Visual Receptors to 20 km

- Site boundary
- Turbine
- 5 km intervals from outermost turbines
- 20 km from outermost turbines
- A Road
- Motorway
- National Cycle Network
- Core path within 5 km of outermost turbines

Scotland's Great Trails

- Ayrshire Coastal Path
- Clyde Walkway
- Forth Clyde Canal/Union Canal Towpath
- River Ayr Way

Long distance walking route

- Clyde Walkway
- Edinburgh to Glasgow Canals Walk
- Firth o Clyde Rotary Trail

- LVIA day-time viewpoint
- LVIA day-time and night-time viewpoint

- | | |
|----------------------------------|--|
| 1: A77 near Drumboy | 10: Foreside |
| 2: Glassock Bridge - A77/A719 | 11: Standing Stones, north of Irvine |
| 3: Harelaw Road | 12: B7038 Ditton south of Kilmarnock |
| 4: Kingsford B769 | 13: Loudon Hill A71 |
| 5: Queenseat B764 | 14: Kilbirnie Connelston A760 |
| 6: Neilston Pad | 15: Mauchline A76 |
| 7: Dunlop Road (A735), Stewarton | 16: Glasgow Necropolis |
| 8: Berryhill Moscow A719 | 17: Clyde Muirshiel Regional Park Visitor Centre |
| 9: Builston A735 | |

Theoretical hub visibility (turbine hub height 119 m)

- 1 - 2 turbine hubs visible
- 3 turbine hubs visible
- 4 turbine hubs visible
- 5 turbine hubs visible



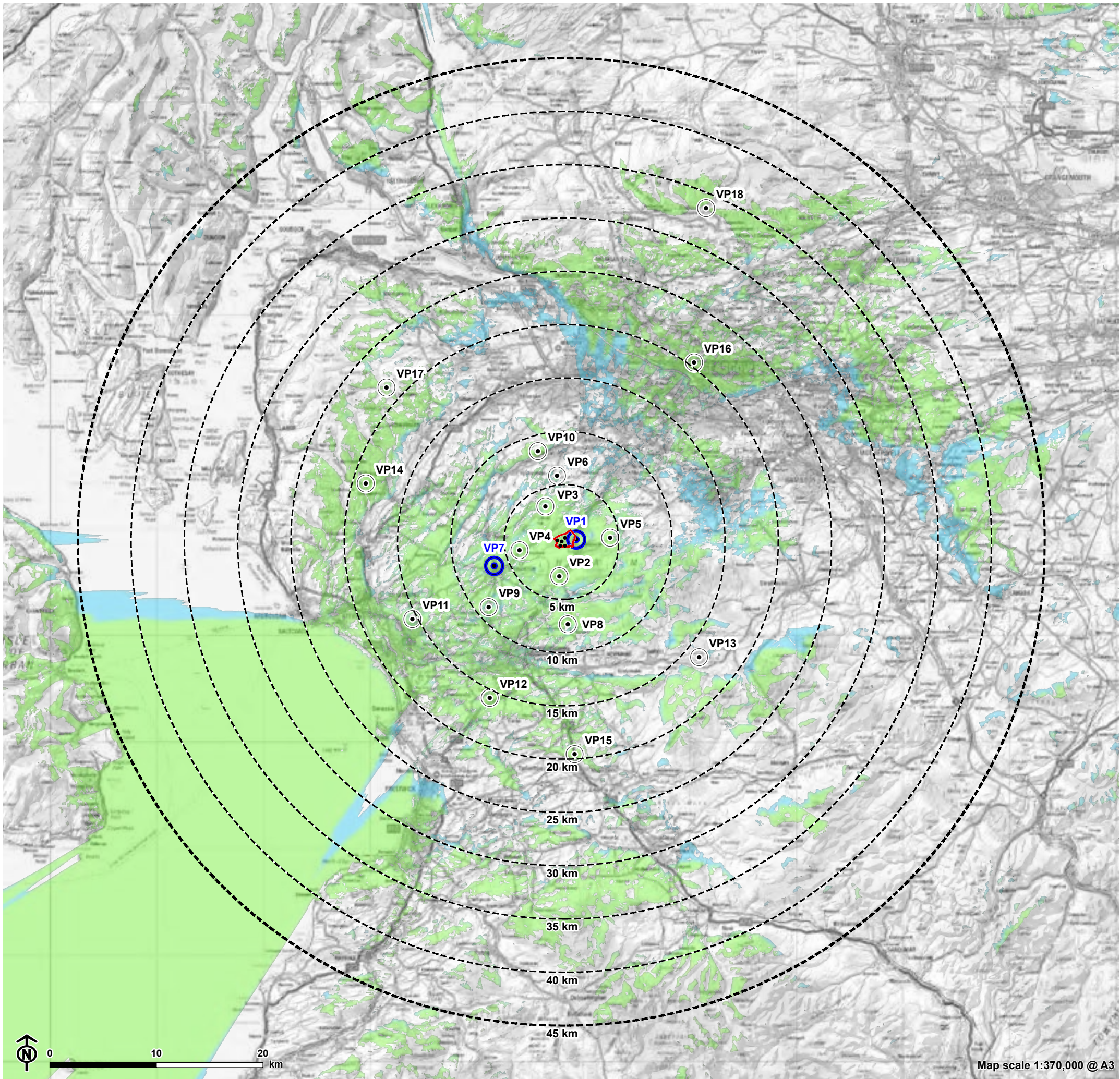


Figure 5.1.4: Blade Tip Height (200 m) and Hub Height (119 m) Comparative Zone of Theoretical Visibility (ZTV) and Viewpoint Locations

- Site boundary
- Turbine
- 5 km intervals from outermost turbines
- 45 km from outermost turbines
- LVIA day-time viewpoint
- LVIA day-time and night-time viewpoint

- 1: A77 near Drumboy
- 2: Glassock Bridge - A77/A719
- 3: Harelaw Road
- 4: Kingsford B769
- 5: Queenseat B764
- 6: Neilston Pad
- 7: Dunlop Road (A735), Stewarton
- 8: Berryhill Moscow A719
- 9: Builston A735
- 10: Foreside
- 11: Standing Stones, north of Irvine
- 12: B7038 Ditton south of Kilmarnock
- 13: Loudon Hill A71
- 14: Kilbirnie Connelston A760
- 15: Mauchline A76
- 16: Glasgow Necropolis
- 17: Clyde Muirshiel Regional Park Visitor Centre
- 18: Wright's Well, Campsie Fells

Comparative blade tip and hub Zone of Theoretical Visibility

- Turbine blades theoretically visible
- Turbine blades and hubs theoretically visible

Note:
The comparative blade tip and hub ZTV illustrates the extent of visibility of the proposed Glenouther Wind Farm (turbine blade tip height 200 m, hub height 119 m) tip heights compared to hub heights. Visibility is shown to a distance of 45 km from the outermost turbines in all directions. The ZTV is calculated to turbine blade tip and hub height from a viewing height of 2 m above ground level. The terrain model is derived from OS Terrain 5 and OS Terrain 50 height data (obtained from Ordnance Survey in 2026). Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcGIS Pro 3.6.1 software.

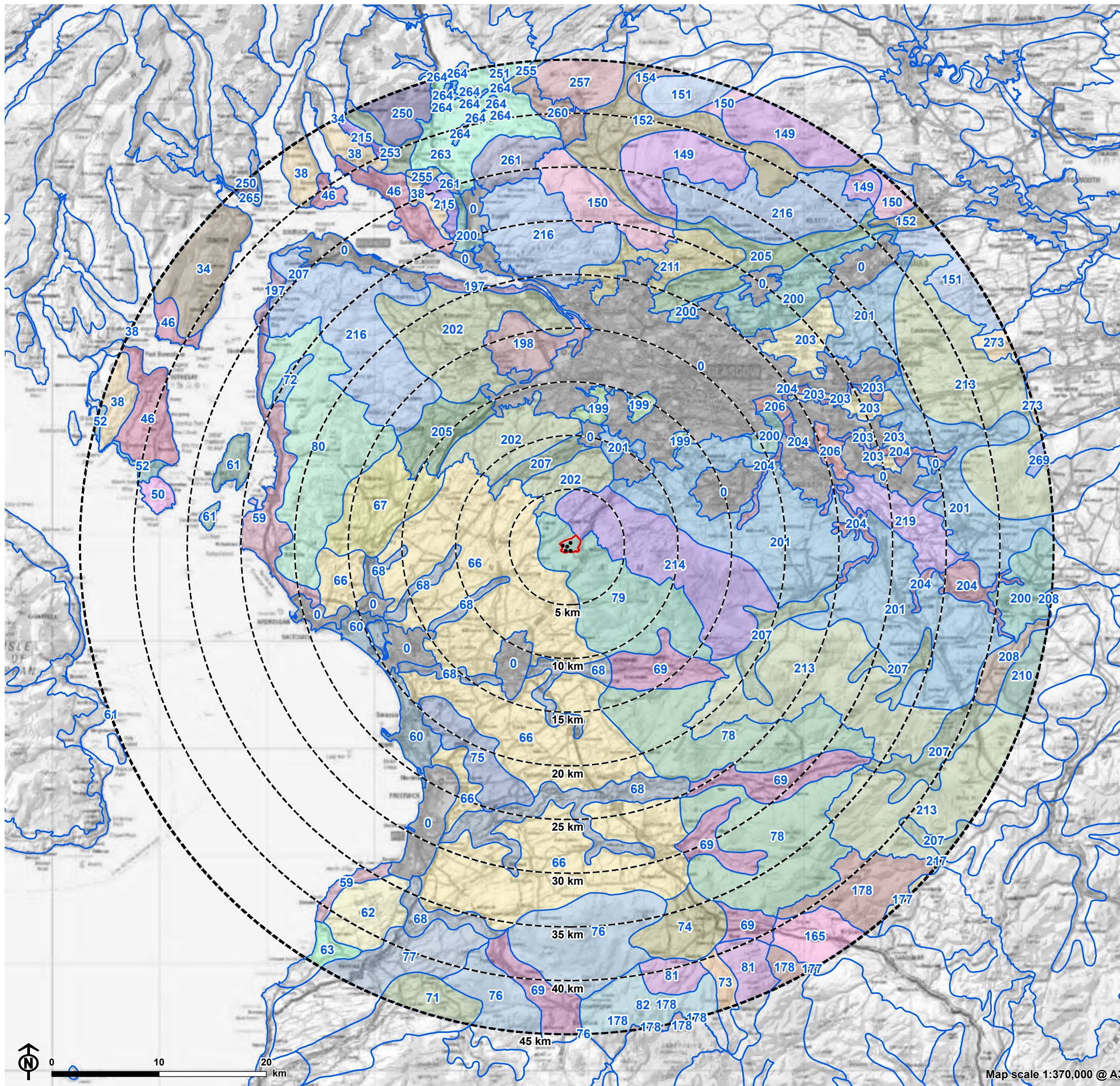


Figure 5.1.5a: Landscape Character Types

- Site boundary
 - Turbine
 - 5 km intervals from outermost turbines
 - 45 km from outermost turbines
 - Landscape Character Types (NatureScot 2019)
- For LCT descriptions see figure 5.1.5c.