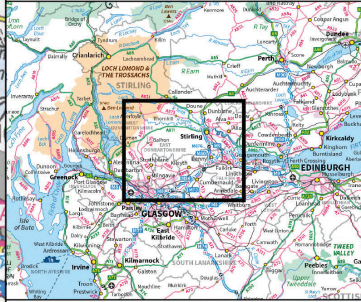




LEGEND



**Eurowind Energy**<sup>TM</sup>

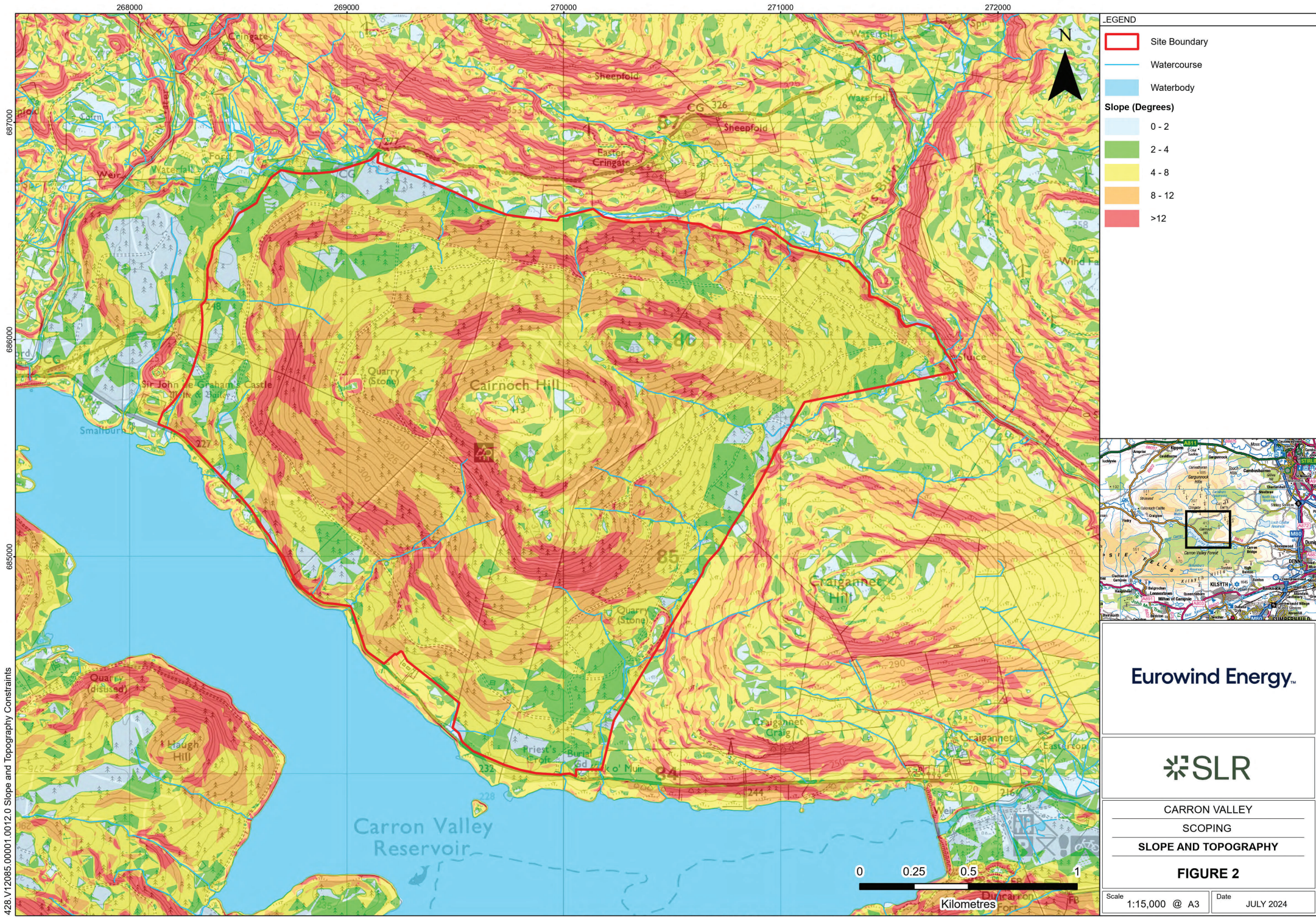


CARRON VALLEY  
SCOPING  
SITE LOCATION

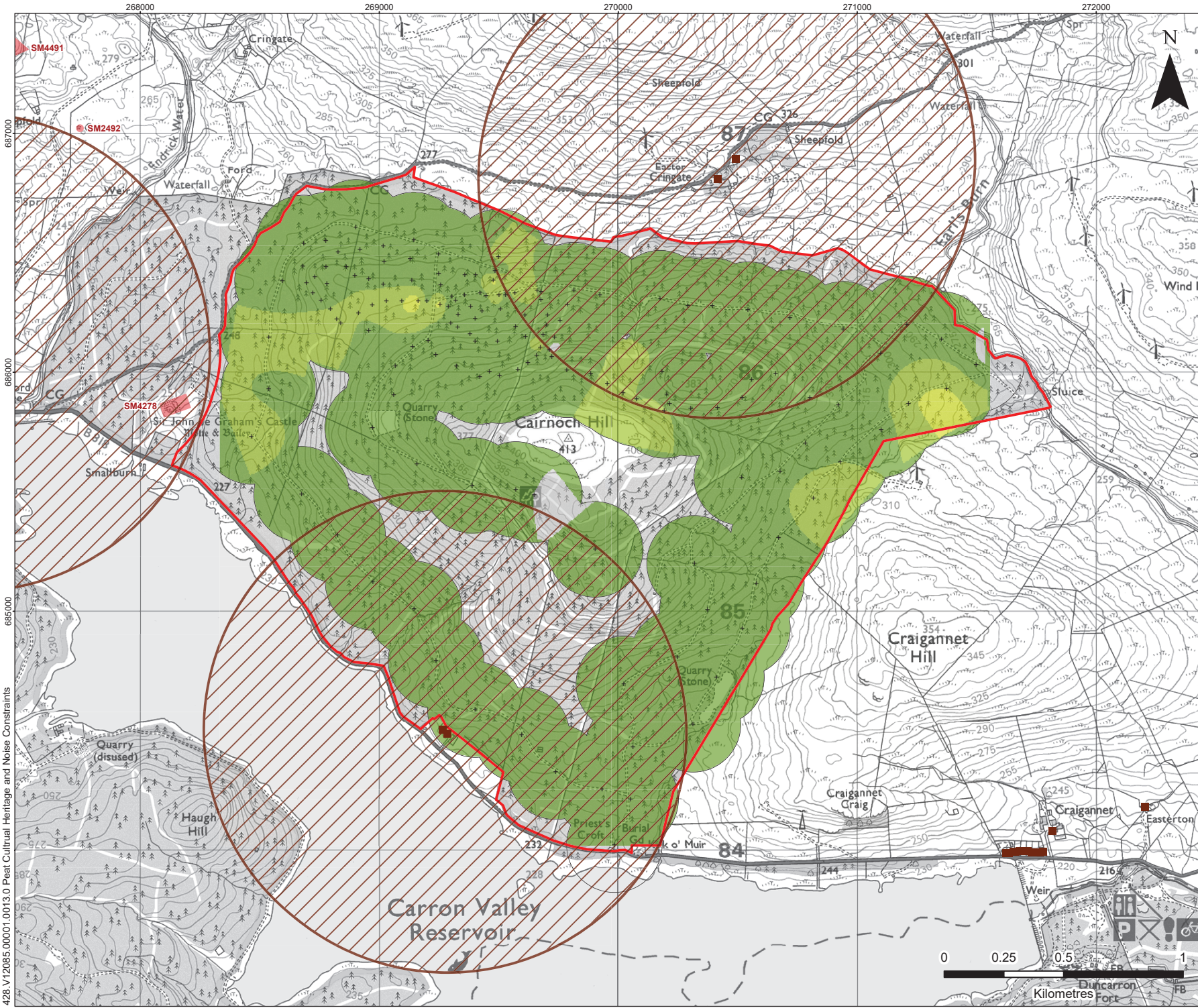
**FIGURE 1**

Scale: 1:150,000 @ A3 Date: JULY 2024

428.V12085.00001.0006.0 Site Location



428.V12085.00001.0012.0 Slope and Topography Constraints

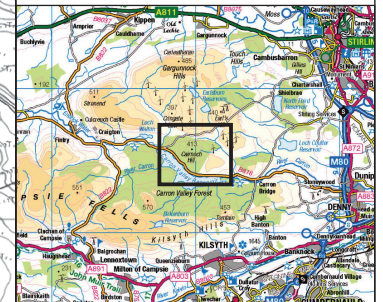


**LEGEND**

- Site Boundary
- Scheduled Monument
- Residential Receptor
- Residential Receptor 1 km Buffer (Only Receptors within 1 km of Site)
- + Peat Probe Location

**Peat Depth (m)**

- 0
- 0 - 0.5
- 0.5 - 1
- 1 - 1.5



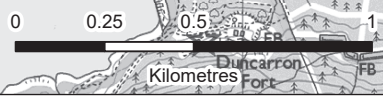
**Eurowind Energy™**



CARRON VALLEY  
SCOPING  
PEAT DEPTH, CULTURAL HERITAGE  
AND NOISE CONSTRAINTS

**FIGURE 3**

Scale 1:15,000 @ A3 Date JULY 2024



428.V12085.00001.0013.0 Peat Cultural Heritage and Noise Constraints

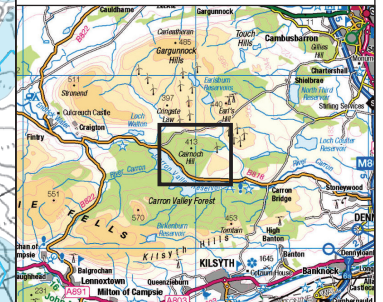


**LEGEND**

- Proposed Turbine Location
- Site Boundary
- Scheduled Monument
- Residential Receptor
- Residential Receptor 1 km Buffer (Only Receptors within 1 km of Site)
- Watercourse
- Waterbody
- 50 m Watercourse and Waterbody Buffer
- + Peat Probe Location

**Peat Depth (m)**

- 0
- 0 - 0.5
- 0.5 - 1
- 1 - 1.5



**Eurowind Energy™**

**SLR**

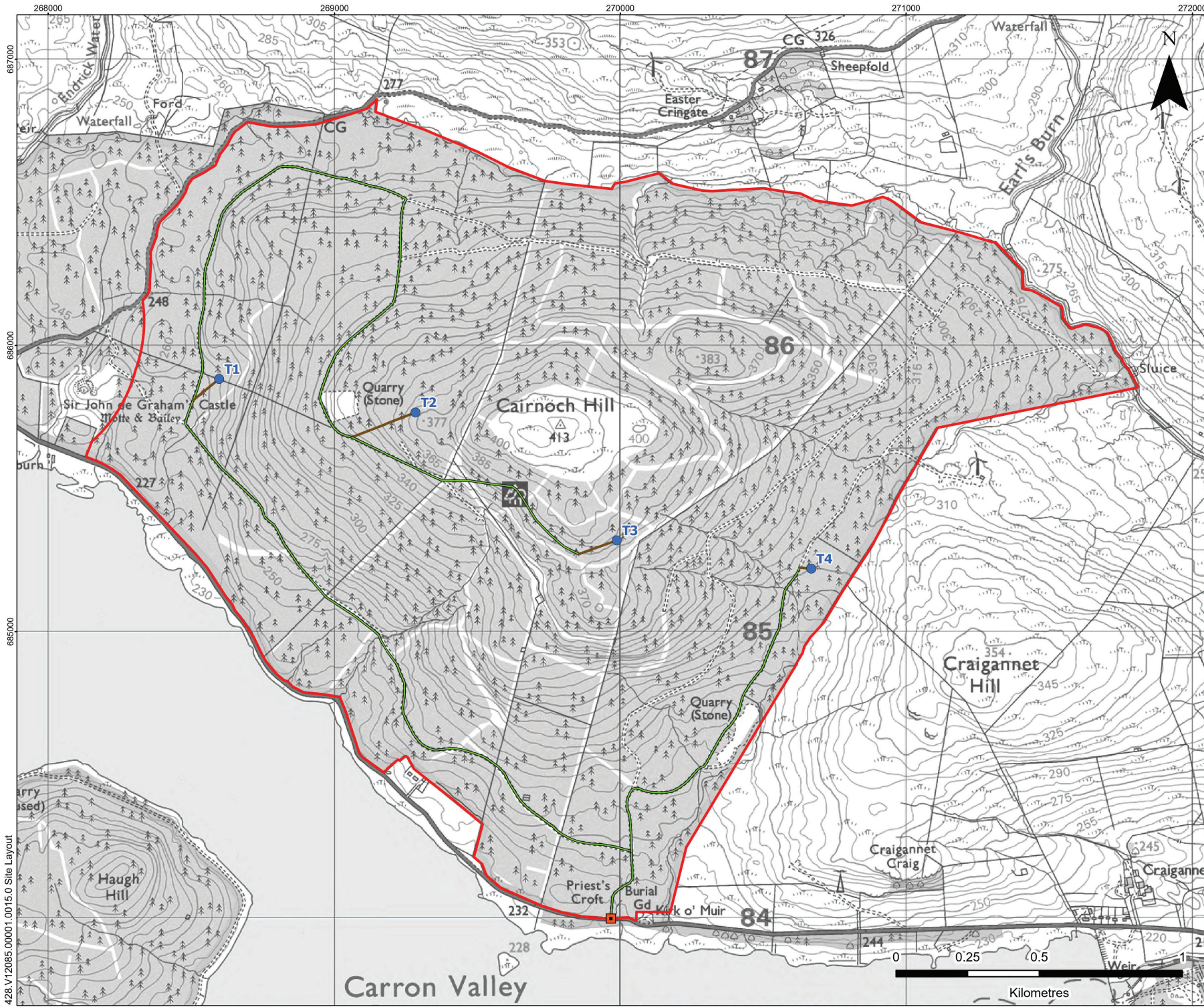
CARRON VALLEY  
SCOPING  
SITE LAYOUT WITH  
HARD CONSTRAINTS

**FIGURE 4**

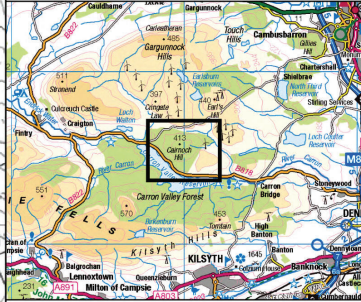
Scale: 1:12,500 @ A3      Date: JULY 2024



428\_V12085.00001.0014.0 Site Layout with Hard Constraints



- LEGEND**
- Proposed Turbine Location
  - Site Boundary
  - Proposed Access Point
  - Indicative Proposed Track
  - Indicative Track to be Upgraded



**Eurowind Energy**<sup>TM</sup>

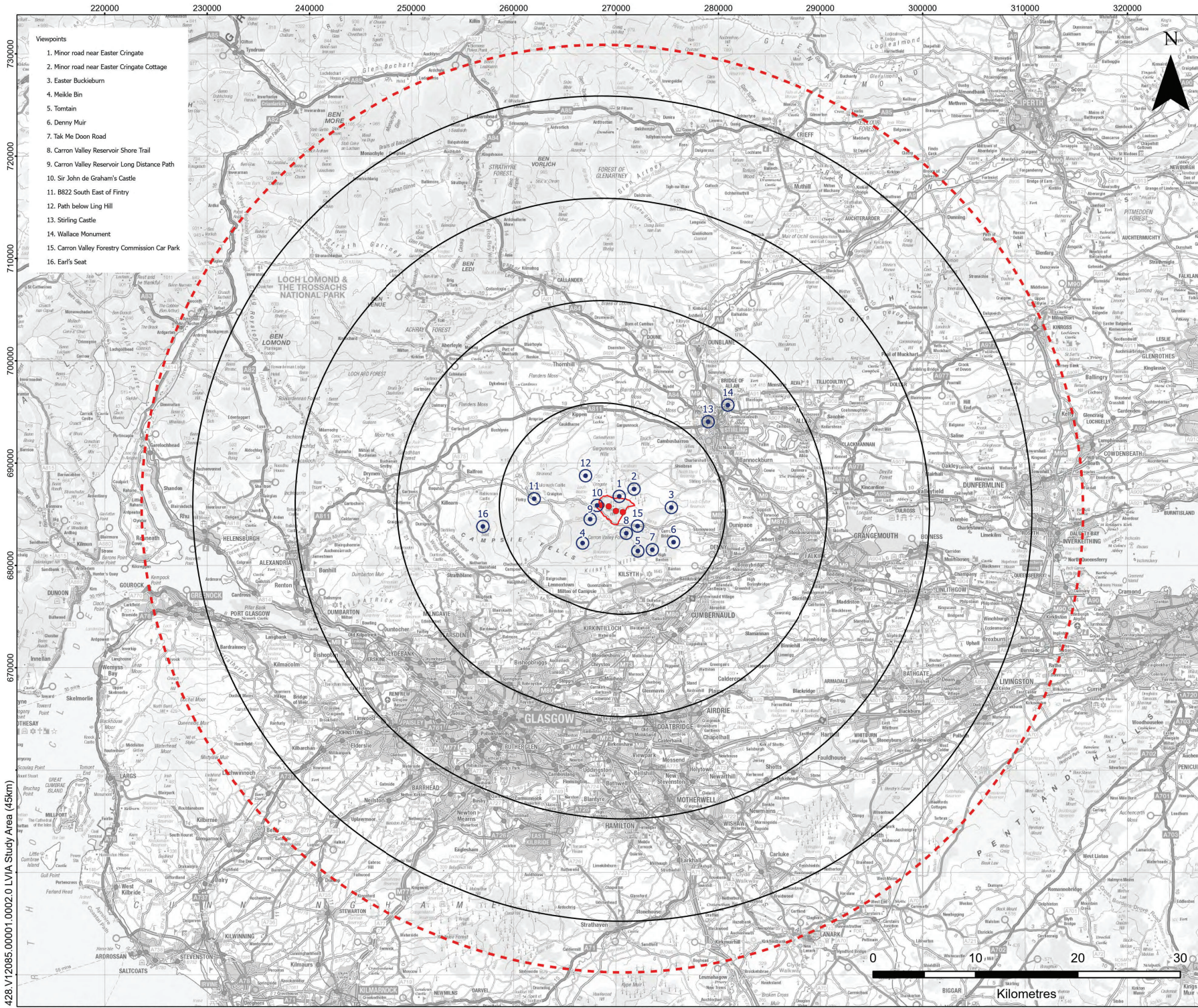
**SLR**

CARRON VALLEY  
SCOPING  
SITE LAYOUT

**FIGURE 5**

Scale: 1:12,500 @ A3      Date: JULY 2024

42B.V12085.00001.0015.0 Site Layout



- Viewpoints
1. Minor road near Easter Cringate
  2. Minor road near Easter Cringate Cottage
  3. Easter Buckieburn
  4. Meikle Bin
  5. Tomtain
  6. Denny Muir
  7. Tak Me Doon Road
  8. Carron Valley Reservoir Shore Trail
  9. Carron Valley Reservoir Long Distance Path
  10. Sir John de Graham's Castle
  11. BR22 South East of Fintry
  12. Path below Ling Hill
  13. Stirling Castle
  14. Wallace Monument
  15. Carron Valley Forestry Commission Car Park
  16. Earl's Seat

**LEGEND**

- Proposed Turbine Location
- Site Boundary
- Viewpoint
- 10km Radii
- 45km Study Area



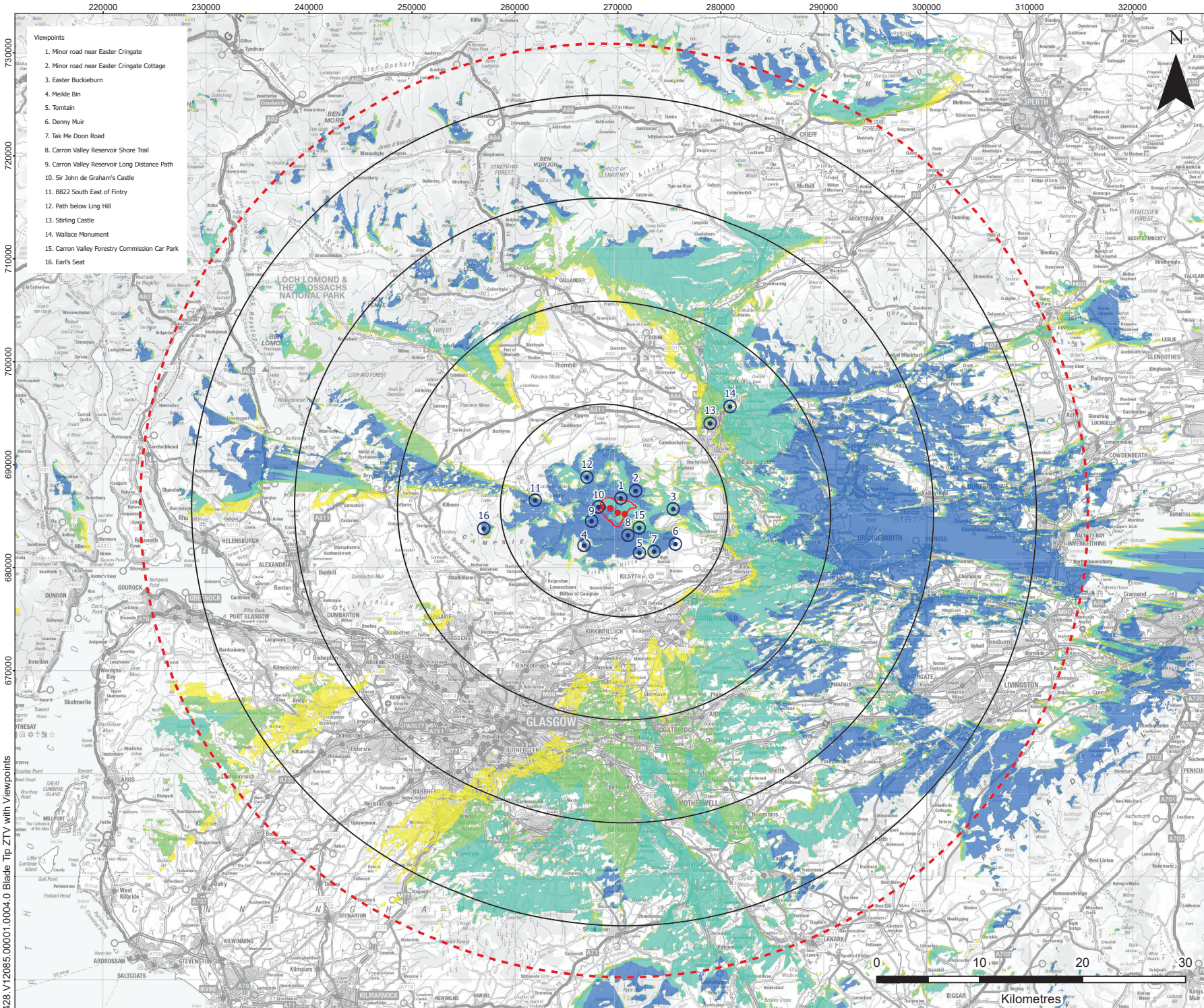
**Eurowind Energy™**



CARRON VALLEY  
SCOPING  
LVIA STUDY AREA (45KM)

**FIGURE 6**

Scale 1:350,000 @ A3      Date JULY 2024



428.V12085.00001.0004.0 Blade Tip ZTV with Viewpoints

- Viewpoints**
1. Minor road near Easter Cringate
  2. Minor road near Easter Cringate Cottage
  3. Easter Buckieburn
  4. Meikle Bin
  5. Tomtain
  6. Denny Muir
  7. Tak Me Doon Road
  8. Carron Valley Reservoir Shore Trail
  9. Carron Valley Reservoir Long Distance Path
  10. Sir John de Graham's Castle
  11. BR22 South East of Fintry
  12. Path below Ling Hill
  13. Stirling Castle
  14. Wallace Monument
  15. Carron Valley Forestry Commission Car Park
  16. Earls Seat

**LEGEND**

- Proposed Turbine Location
- Site Boundary
- Viewpoint
- 10km Radii
- 45km Study Area

**Blade Tip Zone of Theoretical Visibility (ZTV) Bare Earth**

**No of Blade Tips Theoretically Visible**

	1
	2
	3
	4

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 200m from turbine locations, OS Terrain 50 dataset (±7-10 m). The ZTV view height of 2 m above ground level is recommended by 'Visual Representation of Windfarm' by Naturalistic 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 information on the ground visual assessment.

Blade Tip:	200m	Observer height:	2m
DTM:	OS Terrain 5 and 50 DTM	Surface features:	Excluded
DTM resolution:	10m	Earth curvature:	Included



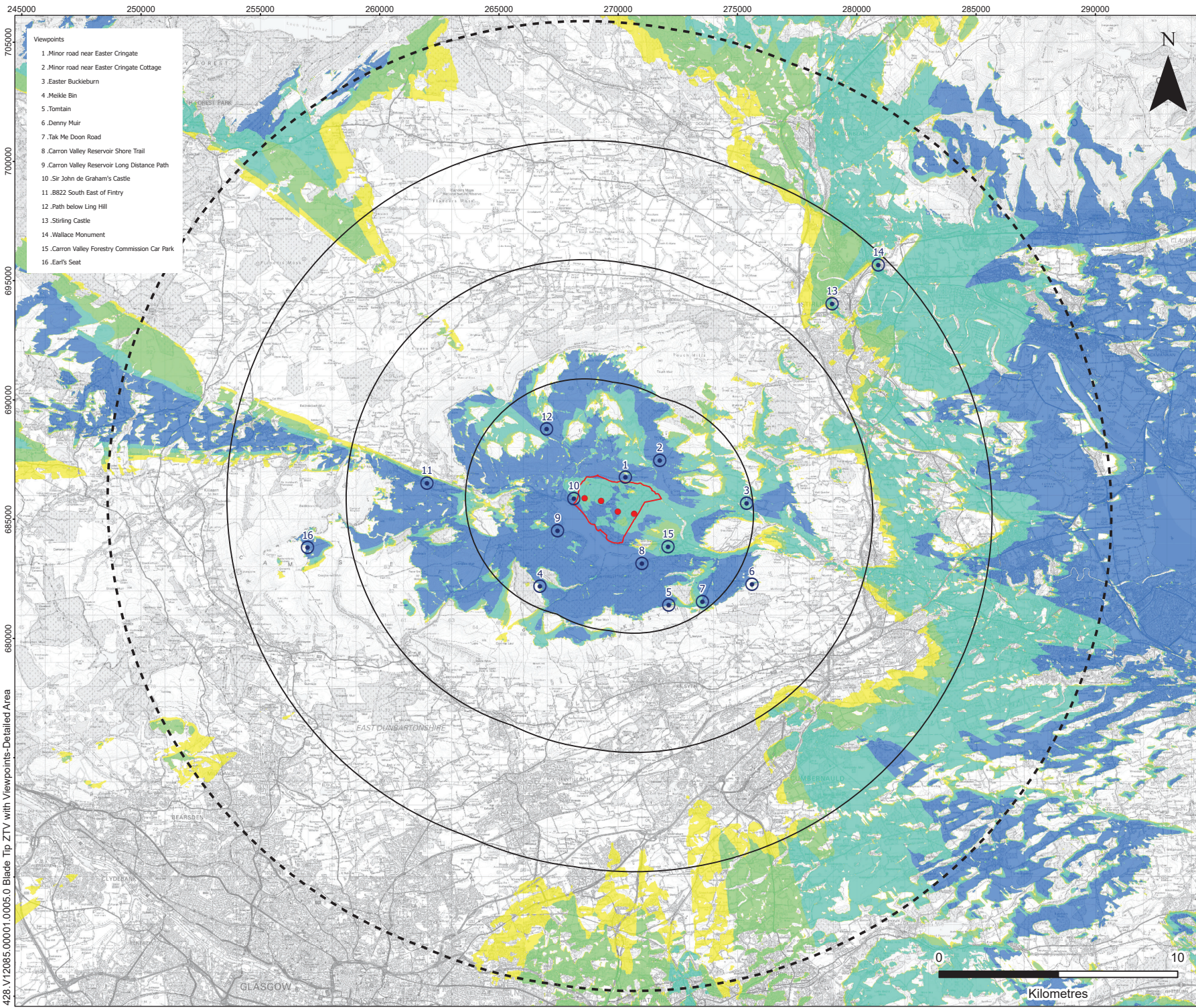
Eurowind Energy™

SLR

CARRON VALLEY  
SCOPING  
BLADE TIP ZTV WITH VIEWPOINTS

FIGURE 7

Scale: 1:350,000 @ A3      Date: JULY 2024



- Viewpoints**
- 1 .Minor road near Easter Cringate
  - 2 .Minor road near Easter Cringate Cottage
  - 3 .Easter Buckieburn
  - 4 .Meikle Bin
  - 5 .Tomtain
  - 6 .Denny Muir
  - 7 .Tak Me Doon Road
  - 8 .Carron Valley Reservoir Shore Trail
  - 9 .Carron Valley Reservoir Long Distance Path
  - 10 .Sir John de Graham's Castle
  - 11 .B822 South East of Fintry
  - 12 .Path below Ling Hill
  - 13 .Stirling Castle
  - 14 .Wallace Monument
  - 15 .Carron Valley Forestry Commission Car Park
  - 16 .Earl's Seat

**LEGEND**

- Proposed Turbine Location
- Site Boundary
- Viewpoint
- 5km Radii
- 20km Buffer

**Blade Tip Zone of Theoretical Visibility (ZTV) Bare Earth (Detailed)**

*No of Blade Tips Theoretically Visible*

- 1
- 2
- 3
- 4

Blade Tip:	200m	Observer height:	2m
DTM:	OS Terrain 5 DTM	Surface features:	Excluded
DTM resolution:	5m	Earth curvature:	Included



**Eurowind Energy.**



CARRON VALLEY  
SCOPING  
**BLADE TIP ZTV WITH VIEWPOINTS  
- DETAILED AREA**

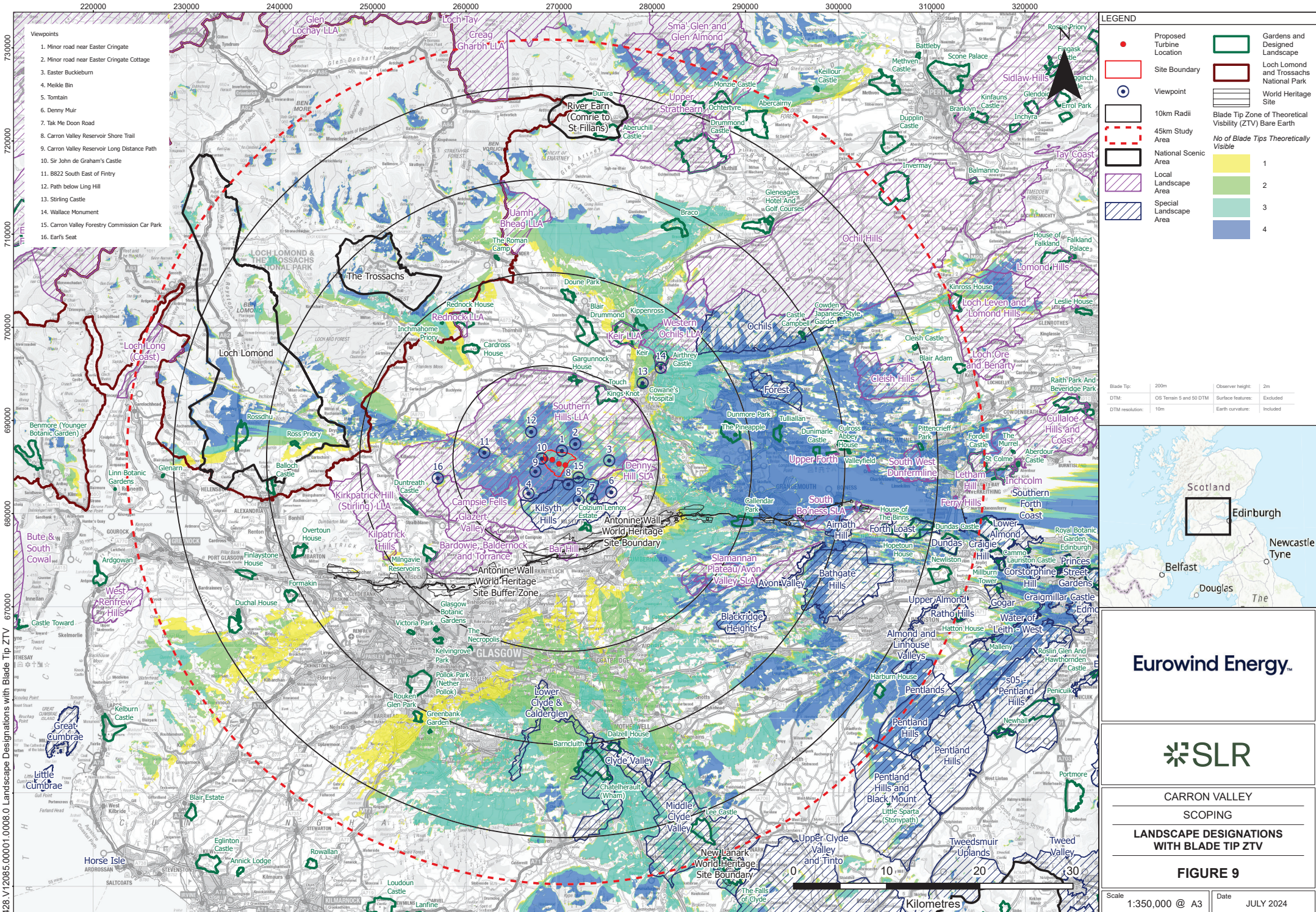
**FIGURE 8**

Scale: 1:150,000 @ A3      Date: JULY 2024



428.V12085.00001.0005.0 Blade Tip ZTV with Viewpoints-Detailed Area





- Viewpoints
1. Minor road near Easter Cringate
  2. Minor road near Easter Cringate Cottage
  3. Easter Buckieburn
  4. Meikle Bin
  5. Tomtain
  6. Denny Muir
  7. Tak Me Doon Road
  8. Carron Valley Reservoir Shore Trail
  9. Carron Valley Reservoir Long Distance Path
  10. Sir John de Graham's Castle
  11. BR22 South East of Fintry
  12. Path below Ling Hill
  13. Stirling Castle
  14. Wallace Monument
  15. Carron Valley Forestry Commission Car Park
  16. Earls Seat

**LEGEND**

- Proposed Turbine Location
- Site Boundary
- Viewpoint
- 10km Radii
- 45km Study Area
- National Scenic Area
- Local Landscape Area
- Special Landscape Area
- Gardens and Designed Landscape
- Loch Lomond and Trossachs National Park
- World Heritage Site
- Blade Tip Zone of Theoretical Visibility (ZTV) Bare Earth

No of Blade Tips Theoretically Visible
1
2
3
4

Blade Tip: 200m    Observer height: 2m  
 DTM: OS Terrain 5 and 50 DTM    Surface features: Excluded  
 DTM resolution: 10m    Earth curvature: Included



**Eurowind Energy.**



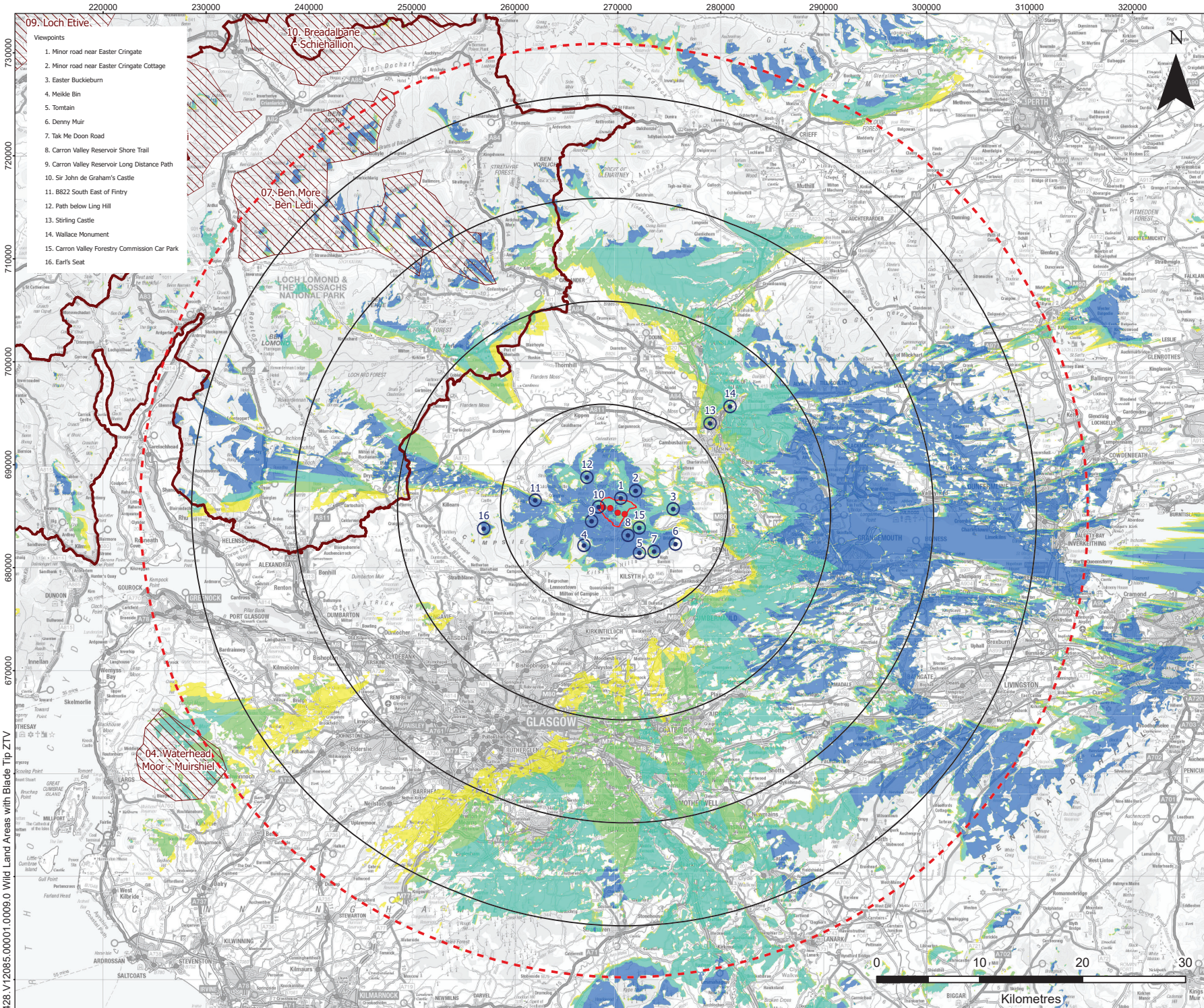
CARRON VALLEY  
 SCOPING  
 LANDSCAPE DESIGNATIONS  
 WITH BLADE TIP ZTV

**FIGURE 9**

Scale 1:350,000 @ A3    Date JULY 2024

© Crown copyright [and database rights] (2024) 0100031673 OS OpenData. Contains public sector information licensed under the Open Government Licence v3.0. Historic Environment Scotland (HES). Contains Historic Environment Scotland and Ordnance Survey data. © Historic Environment Scotland - Scottish Charity No. SC045925 © Crown copyright and database right (2024). Contains NatureScot information licensed under the Open Government Licence v3.0. Esri UK, Esri, TomTom, Garmin, FAO, NOAA, USGS, Esri, USGS

This drawing and its content are the copyright of SLR Consulting Ltd and may not be reproduced or amended except by prior written permission. SLR Consulting Ltd accepts no liability for any amendments made by other persons.



- 09. Loch Etive**
- Viewpoints
1. Minor road near Easter Cringate
  2. Minor road near Easter Cringate Cottage
  3. Easter Buckieburn
  4. Meikle Bin
  5. Tomtain
  6. Denny Muir
  7. Tak Me Doon Road
  8. Carron Valley Reservoir Shore Trail
  9. Carron Valley Reservoir Long Distance Path
  10. Sir John de Graham's Castle
  11. BR22 South East of Fintry
  12. Path below Ling Hill
  13. Stirling Castle
  14. Wallace Monument
  15. Carron Valley Forestry Commission Car Park
  16. Earls Seat

**LEGEND**

- Proposed Turbine Location
- Site Boundary
- Viewpoints
- 10km Radii
- 45km Study Area
- Wild Land Area
- Loch Lomond and Trossachs National Park

Blade Tip Zone of Theoretical Visibility (ZTV) Bare Earth

*No of Blade Tips Theoretically Visible*

- 1
- 2
- 3
- 4

Blade Tip:	200m	Observer height:	2m
DTM:	OS Terrain 5 and 50 DTM	Surface features:	Excluded
DTM resolution:	10m	Earth curvature:	Included



**Eurowind Energy™**



CARRON VALLEY  
SCOPING  
WILD LAND AREAS WITH BLADE TIP ZTV

**FIGURE 10**

Scale 1:350,000 @ A3 Date JULY 2024