

Chleansaid Wind Farm 132 kV OHL Connection Environmental Appraisal (EA) Report

Appendix 1.1: Figures

November 2024



Figures

Figure 1.1 – Location Plan

Figure 2.1 – Route Options

Figure 2.2 – Alignment Options

Figure 2.3 – Proposed Alignment

Figure 3.1 – Proposed Development Layout Plan

Figure 3.2 – Key Environmental Constraints

Figure 5.1 – Cumulative Developments

Figure 6.1 – ZTV and Viewpoint Locations

Figure 6.2 – Wild Land Areas within the Study Area

Figure 6.3 – Landscape Character Types within the Study Area

Figure 9.1 – Cultural Heritage Assets

Figure 9.2a-d – Existing view, wireline and solid visualisations from Dalnessie, Settlement N of Feith Osdail (SM4563)

Figure 9.3a-d - Existing view, wireline and solid visualisation from Loch Beag Na Fuaralachd, Shielings 1000m Sw of Sw end of SM5159

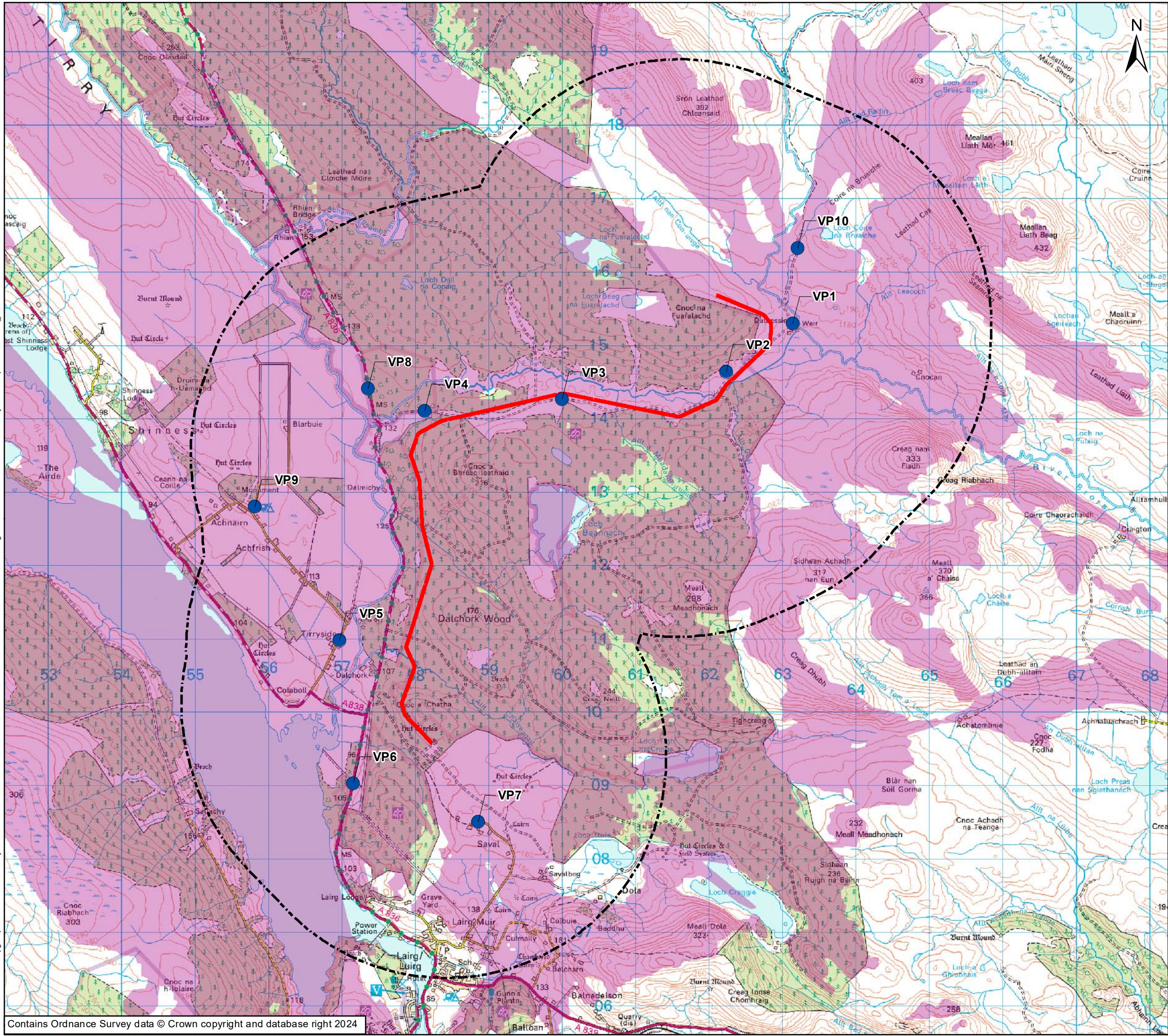
Figure 9.4a-d - Existing view, wireline and solid visualisation from Cnoc A' Bhreac-Leathaid, shielings and cairnfield 700m Nne of SM5300

Figure 10.1 – Hydrology Overview

Figure 10.2 – Superficial Geology

Figure 11.1 – Forestry Location Map

Figure 11.2 – Forestry Project Felling Corridor



Key

- Proposed OHL Alignment
- 3km Study Area
- Viewpoint Location
- Zone of Theoretical Visibility (ZTV)
- Elements of the Proposed Development may be visible

VP1. Dalnessie Estate.
VP2. Scheduled Monument SM4563.
VP3. Scheduled Monument SM5159 (from track).
VP4. Strath Tirry to Badanloch Tracks Heritage Path.
VP5. Tirryside.
VP6. A836 / Sustrans: Inverness to John O' Groats.
VP7. Saval.
VP8. A836 / Sustrans: Inverness to John O' Groats.
VP9. Woodend Caravan and Camping Site.
VP10. Strath Tirry to Badanloch Tracks Heritage Path.

This ZTV does not take into account the screening effects of existing structures or vegetation. The ZTV is calculated based on the final OHL pole heights and a visual receptor height of 1.5m above ground level. The terrain model is derived from OS Terrain 5 data (5m Digital Terrain Model).

Scale: 1:500,000

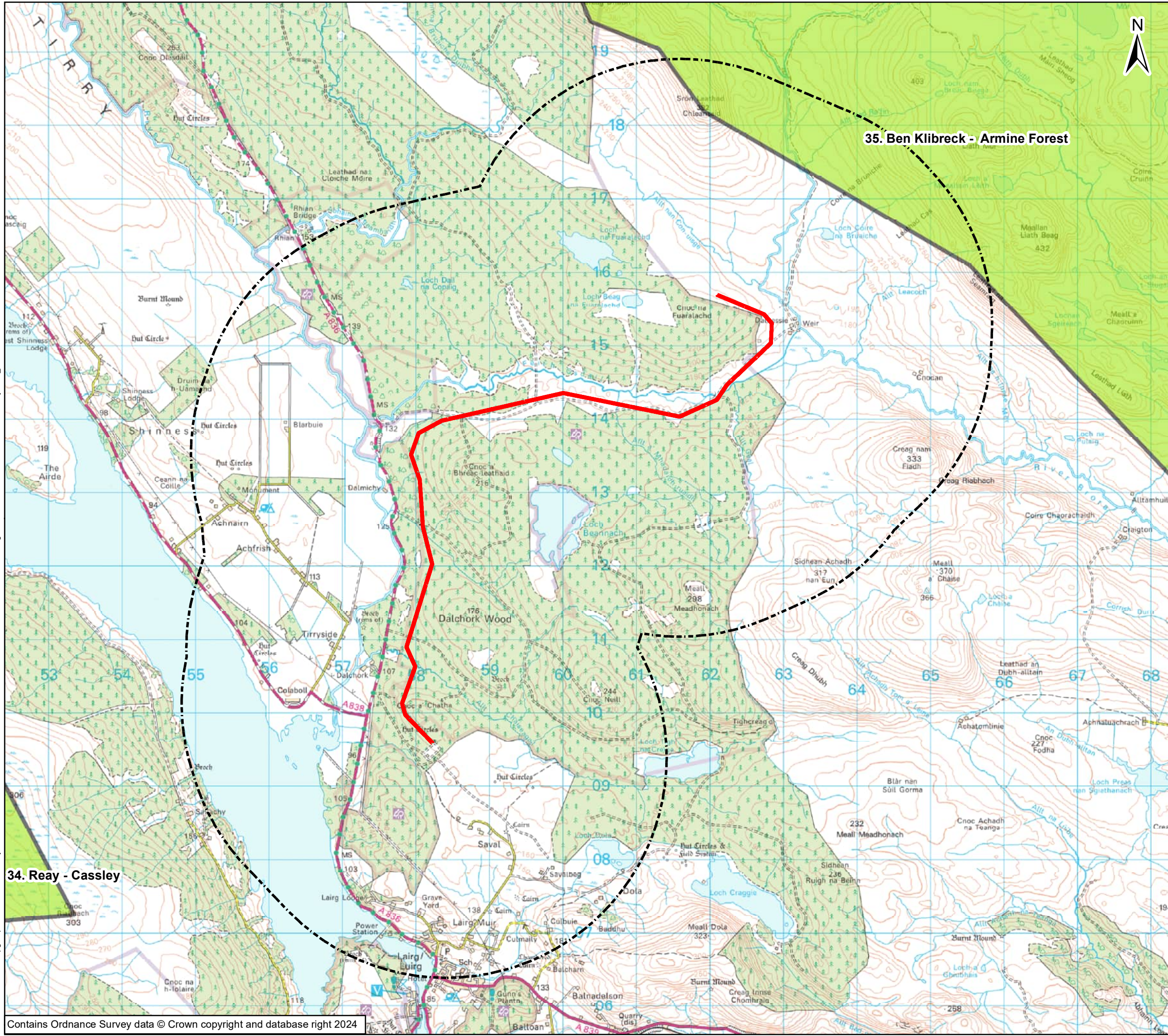
0 0.75 1.5 3 km

Client: Scottish & Southern Electricity Networks
TRANSMISSION

Project: Chleasaid Wind Farm 132 kV OHL Connection

Title: Figure 6.1 Zone of Theoretical Visibility and Viewpoint Location Plan

Date: May 2024 Scale: 50,000 @ A3
Drawn: PB Checked: CE Approved: SH
Drawing Number: CWFC-WSP-DA-GIS-119



Key

- Proposed OHL Alignment
- 3km Study Area
- Wild Land Area

35. Ben Klibreck - Armine Forest

34. Reay - Cassley

Scale: 1:500,000

0 0.75 1.5 3 km

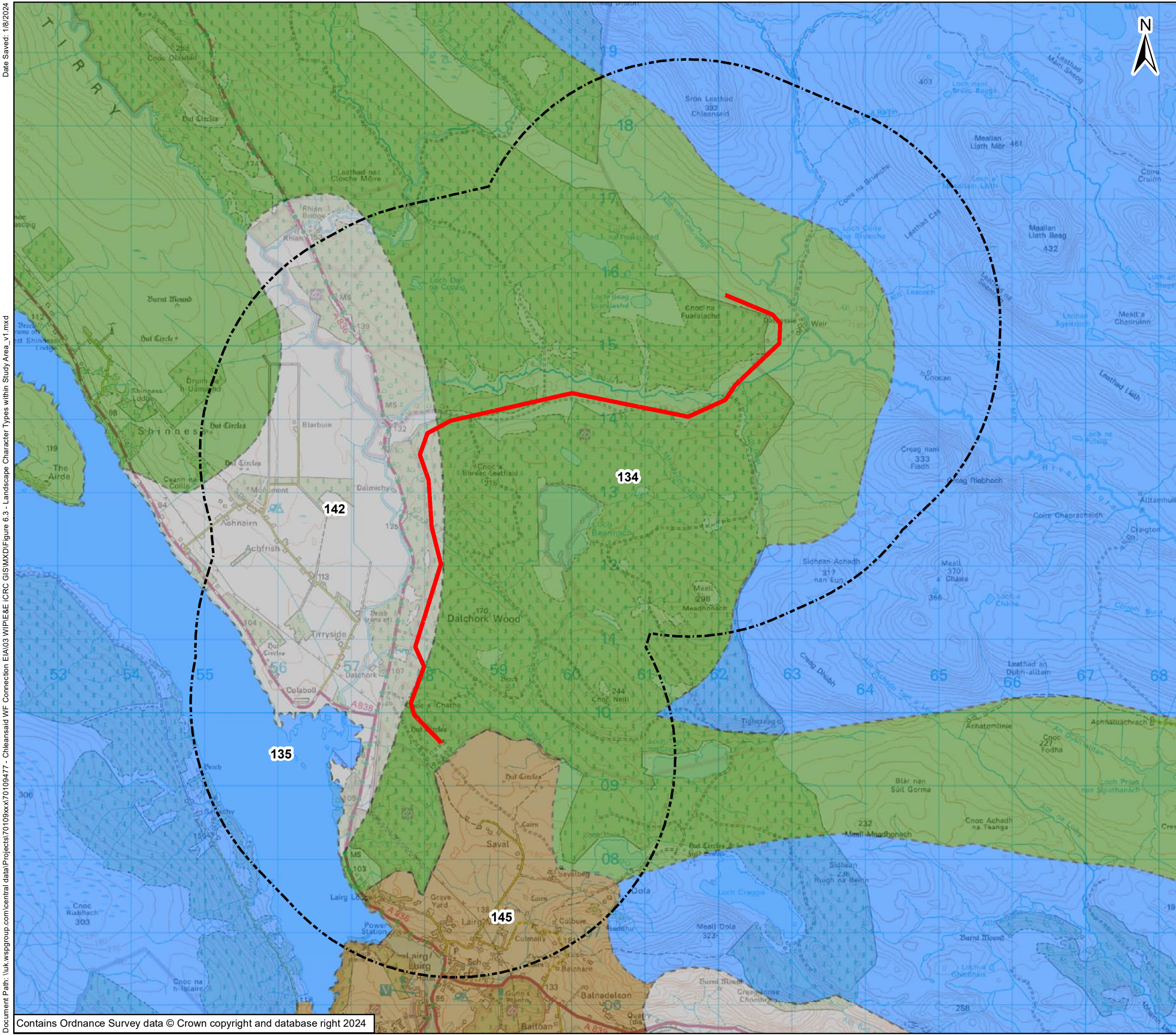
Client: **Scottish & Southern Electricity Networks**
TRANSMISSION

Project: **Cleansaid Wind Farm 132 kV OHL Connection**

Title: **Figure 6.2
Wild Land Areas within Study Area**

Date: May 2024
Drawn: AS
Drawing Number: CWFC-WSP-DA-GIS-200

Scale: 500,000 @ A3
Checked: CE
Approved: SH



Key
 Proposed OHL Alignment
 3km Study Area

Landscape Character Types
 146 Farmed and Forested Slopes with Crofting
 135 Rounded Hills - Caithness & Sutherland
 142 Strath - Caithness & Sutherland
 134 Sweeping Moorland and Flows

Scale: 1:500,000

Client:

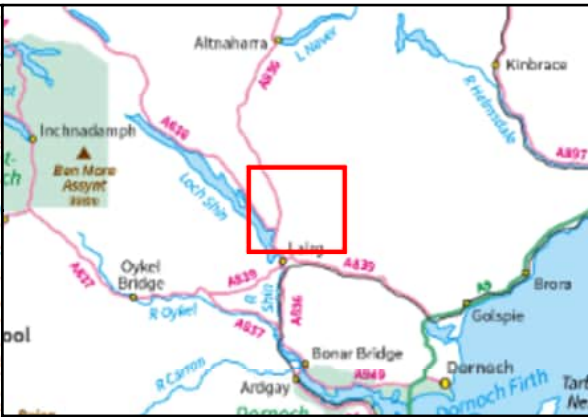
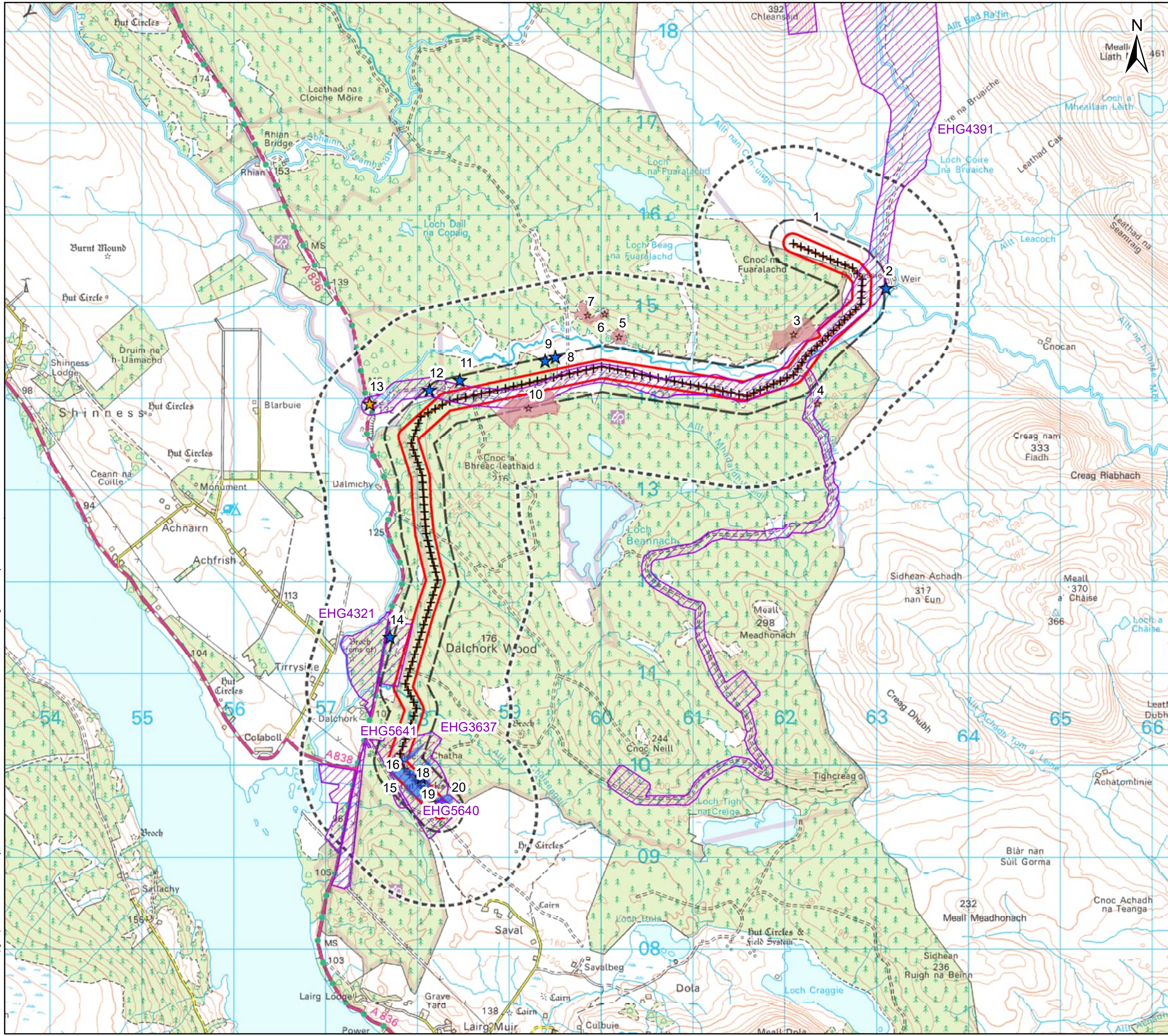
TRANSMISSION

Project: Chleasaid Wind Farm 132 kV OHL Connection

Title: Figure 6.3
Landscape Character Types
within Study Area

Date: May 2024
Drawn: AS
Drawing Number: CWFC-WSP-DA-GIS-201

Scale: 500,000 @ A3
Checked: CE
Approved: SH



Key

- Red Line Boundary
- Inner Study Area (250m)
- Outer Study Area (1km)
- Towers
- Overhead Line
- Category C Listed Building
- Scheduled Monument
- Scheduled Monuments
- Non-designated Heritage Asset
- Non-designated Heritage Asset
- Past Archaeological Investigations

0 0.5 1 km

Client:

Project: Chleasaid Wind Farm 132 kV OHL Connection

Title: Figure 9.1 - Cultural Heritage Assets

Date: 25/06/2024 Scale: 40,000 @ A3
Drawn: NB Checked: IM Approved: JB
Drawing Number: 70109477-CHLEASAIID-GIS-001