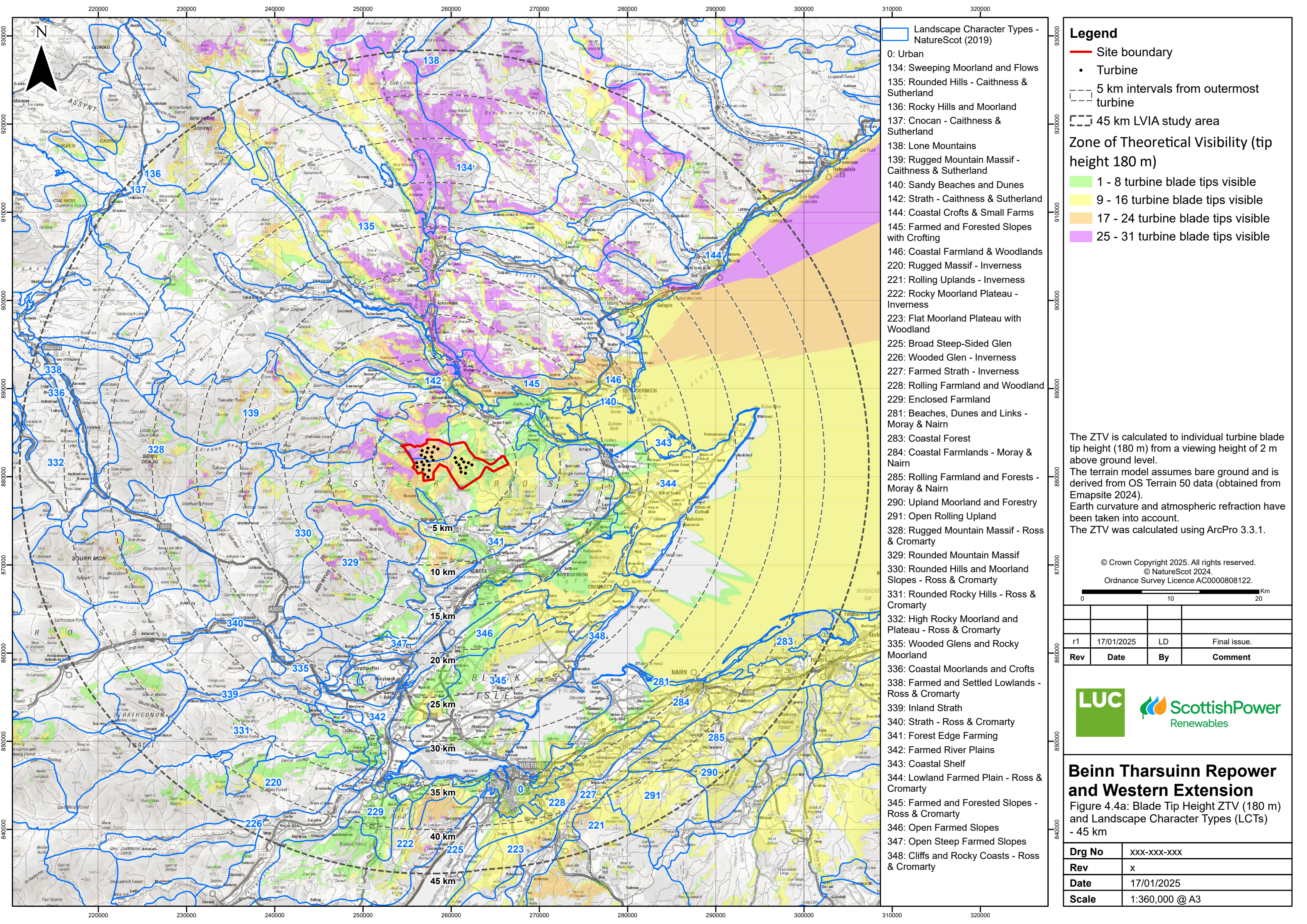




Legend

Site boundary

Turbine

5 km intervals from outermost turbine

45 km LVIA study area

Zone of Theoretical Visibility (tip height 180 m)

1 - 8 turbine blade tips visible

9 - 16 turbine blade tips visible

17 - 24 turbine blade tips visible

25 - 31 turbine blade tips visible

The ZTV is calculated to individual turbine blade tip height (180 m) from a viewing height of 2 m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 data (obtained from Emapsite 2024). Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcPro 3.3.1.

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Km

r1	17/01/2025	LD	Final issue.
Rev	Date	By	Comment

LUC

ScottishPower
Renewables

Beinn Tharsuinn Repower and Western Extension

Figure 4.4a: Blade Tip Height ZTV (180 m) and Landscape Character Types (LCTs) - 45 km

Drg No	xxx-xxx-xxx
Rev	x
Date	17/01/2025
Scale	1:360,000 @ A3