

Sclenteuch Wind Farm LVIA



Figure 5.2.6: Viewpoint 6 - Lethanhill

Turbine Proposed Development Area 5km intervals from outer turbines

45km study area

Potential Turbine Visibility (Tip Height)

1 - 3 turbines visible

4 - 6 turbines visible

7 - 9 turbines visible

Viewpoint

// 53.5° Field of View

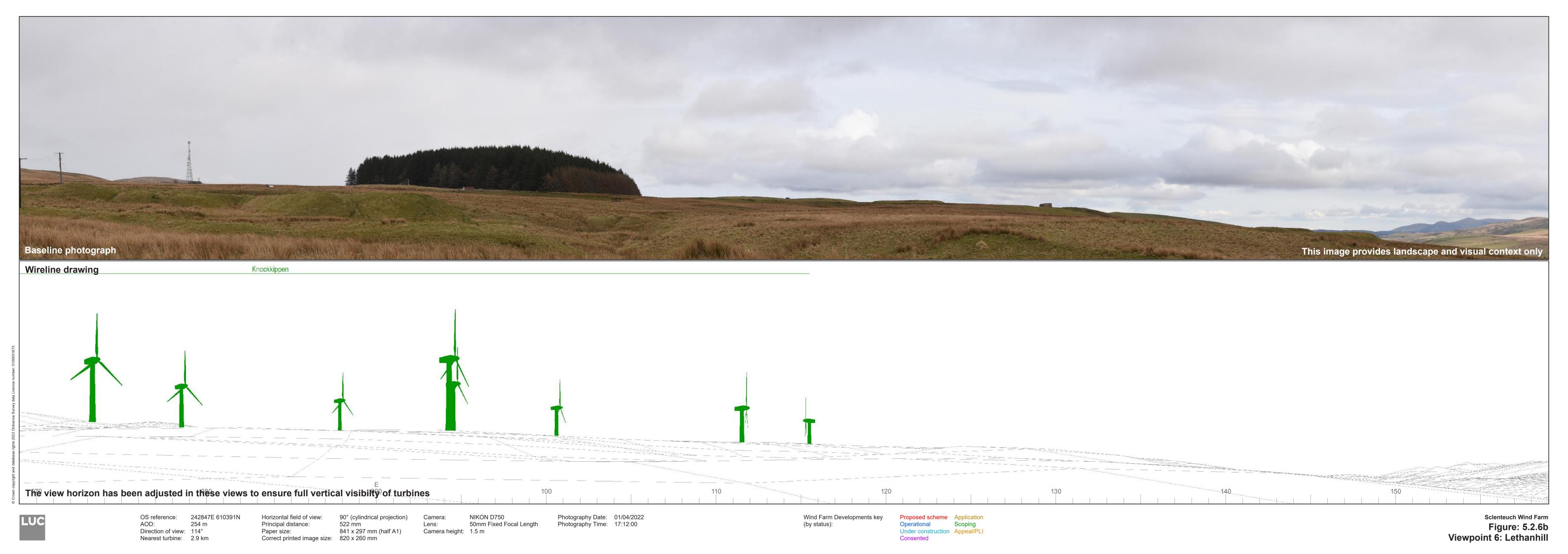
/ 90° Field of View

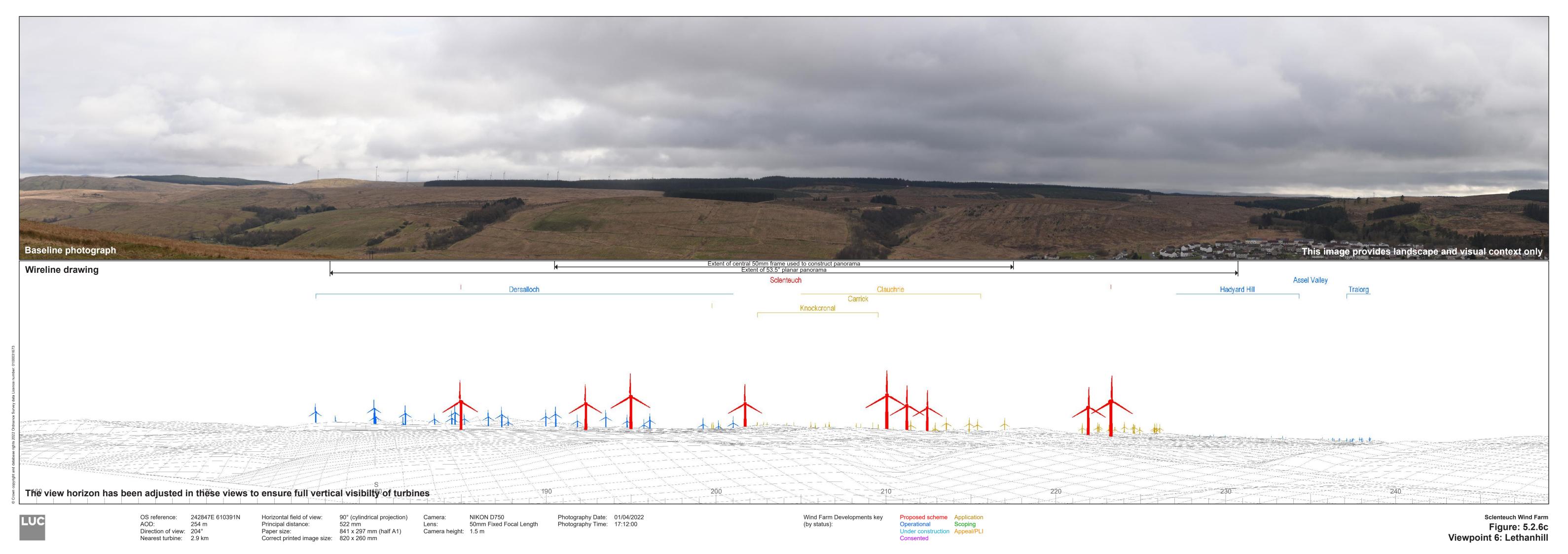
The ZTV is calculated to turbine tip height (turbines T1-4, 8: 200m tip height and T5-7, 9: 180m tip height) from a viewing height of 2m above ground level.

The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019). Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcMap 10.8.1.





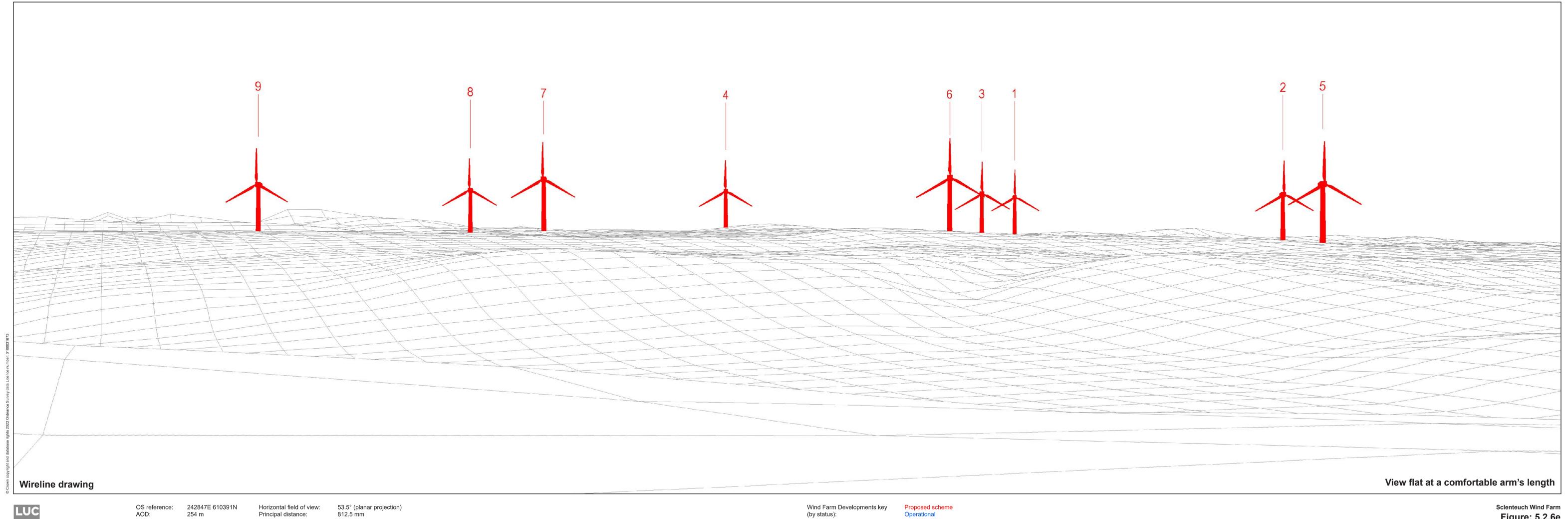






Direction of view: 294°
Nearest turbine: 2.9 km

Figure: 5.2.6d Viewpoint 6: Lethanhill



OS reference: 242847E 610391N
AOD: 254 m
Direction of view: 204°
Nearest turbine: 2.9 km

Horizontal field of view: 53.5° (planar projection)
Principal distance: 812.5 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm



OS reference: 242847E AOD: 254 m Direction of view: 204° Nearest turbine: 2.9 km

Horizontal field of view: 53.5° (planar projection) Camera: NIKON E
Principal distance: 812.5 mm Lens: 50mm Fi
Paper size: 841 x 297 mm (half A1) Camera height: 1.5 m

Correct printed image size: 820 x 260 mm

NIKON D750 50mm Fixed Focal Length

Photography Date: 01/04/2022 Photography Time: 17:12:00