

Sclenteuch Wind Farm LVIA



Figure 5.2.11: Viewpoint 11 - Dalmellington

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

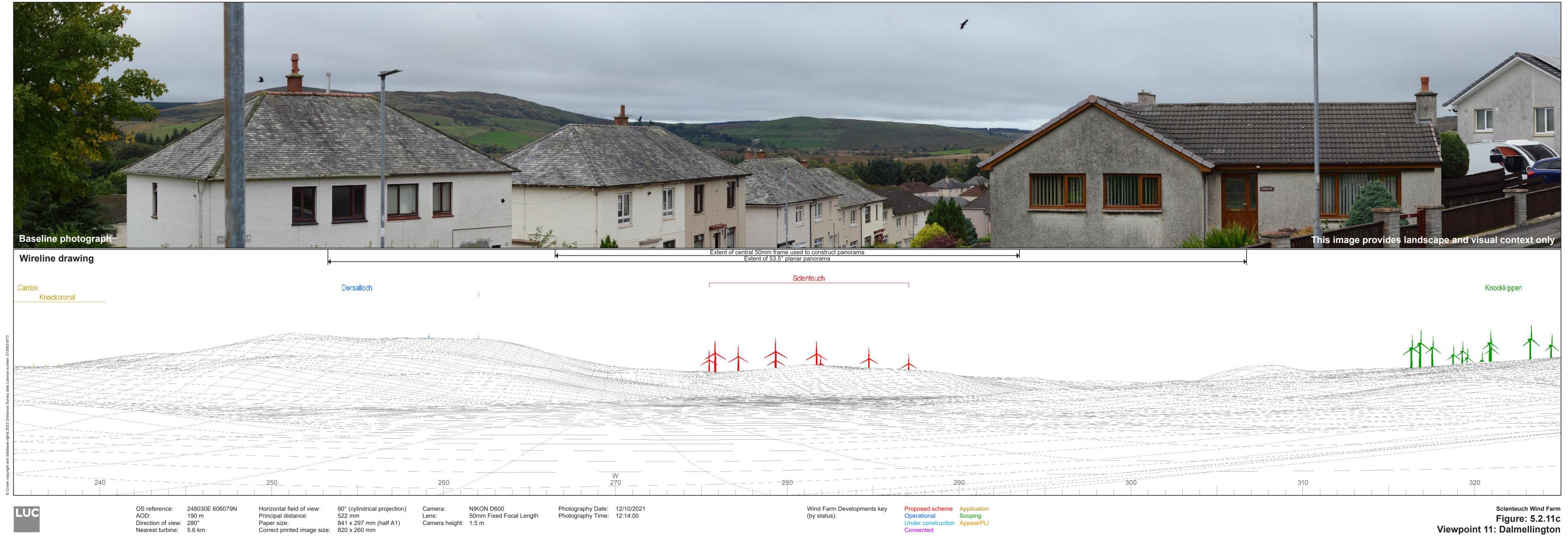
The ZTV is calculated to turbine tip height (turbines T1-4, 8: 200m tip height and T5-7, 9: 180m tip height) from a viewing height of 2m above ground level.

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.

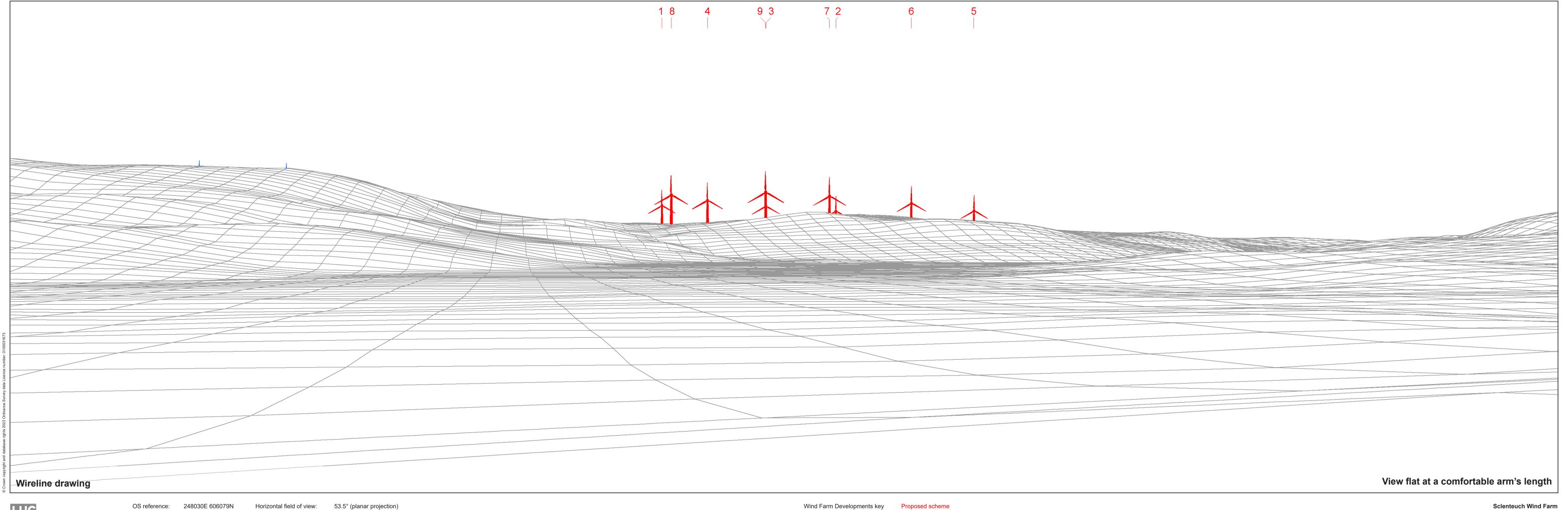








Direction of view: 280°
Nearest turbine: 5.6 km



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

Wind Farm Developments key (by status): Proposed scheme Operational





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

Camera: NIKON D600 Lens: 50mm Fixed Focal Length Camera height: 1.5 m

Photography Date: 12/10/2021 Photography Time: 12:14:00

Sclenteuch Wind Farm Figure: 5.2.11e
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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

Camera: Lens: NIKON D600 50mm Fixed Focal Length Camera height: 1.5 m

Photography Date: 14/05/2022 Photography Time: 22:27:00

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