

An Càrr Dubh Wind Farm

for Car Duibh Wind Farm Ltd



Figure 6.2.17: Viewpoint 17 - North of Ford

Site boundary

Turbine

5km intervals from outermost turbines

\_\_\_\_ 45km from outermost turbines

Viewpoint

Theoretical blade tip visibility (180m)

1-3 turbines visible

4-6 turbines visible

7-9 turbines visible

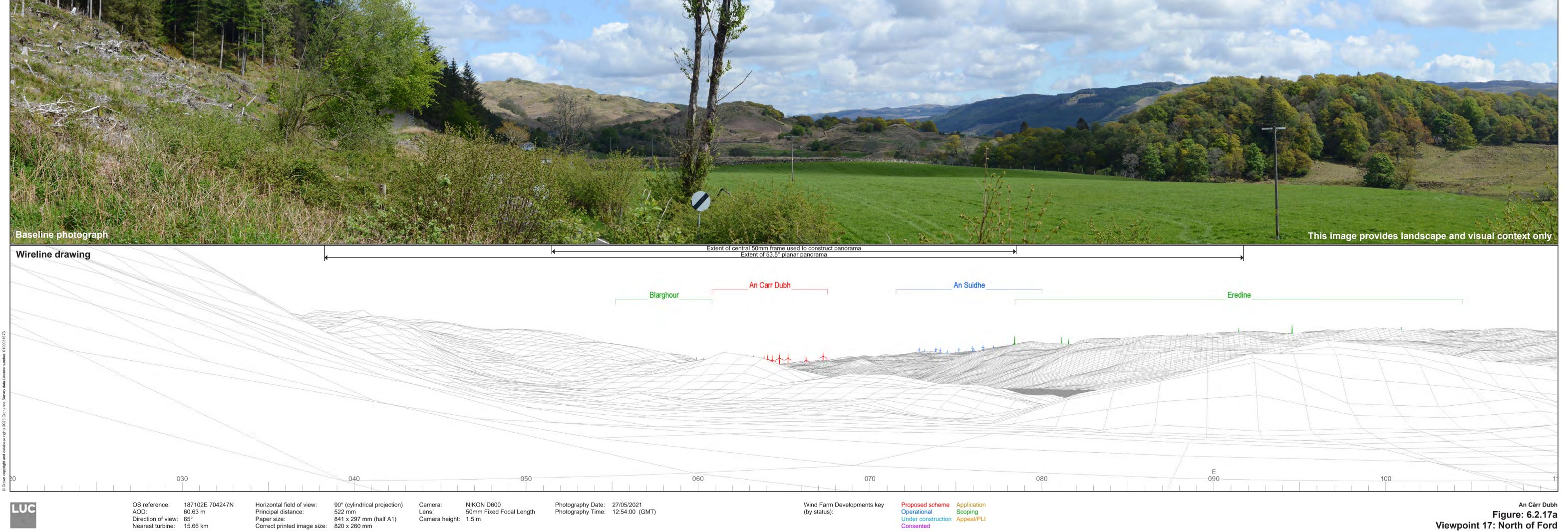
10-13 turbines visible

53.5° Field of View

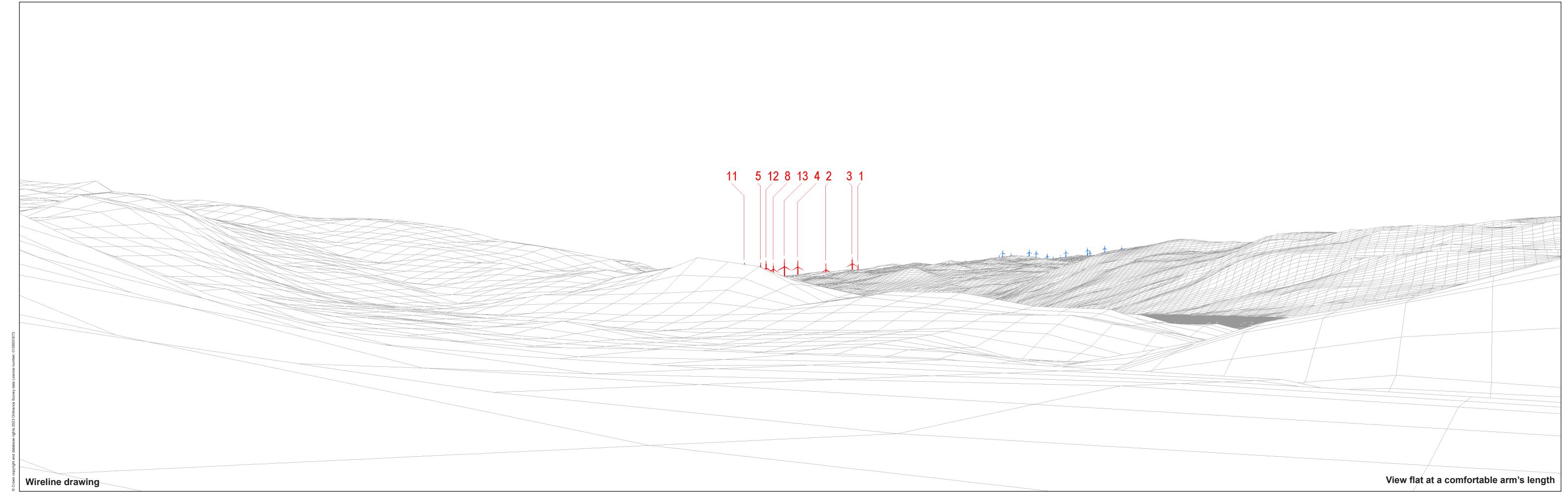
/ 90° Field of View

The ZTV is calculated to turbine tip height (180m) 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 software.





An Càrr Dubh Figure: 6.2.17a Viewpoint 17: North of Ford





OS reference: 187102E 704247N
AOD: 60.63 m
Direction of view: 65°
Nearest turbine: 15.66 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



OS reference: 187102E 704247N
AOD: 60.63 m
Direction of view: 65°
Nearest turbine: 15.66 km

Horizontal field of view: 53.5° (planar projection)

Principal distance: 812.5 mm Lens: 50mm Fixed Focal Length

Paper size: 841 x 297 mm (half A1)

Correct printed image size: 820 x 260 mm

Photography Date: 27/05/2021 Photography Time: 12:54:00 (GMT)