

An Càrr Dubh Wind Farm

for Car Duibh Wind Farm Ltd



Figure 6.2.21: Viewpoint 21 - Ben Ime

Site boundary

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

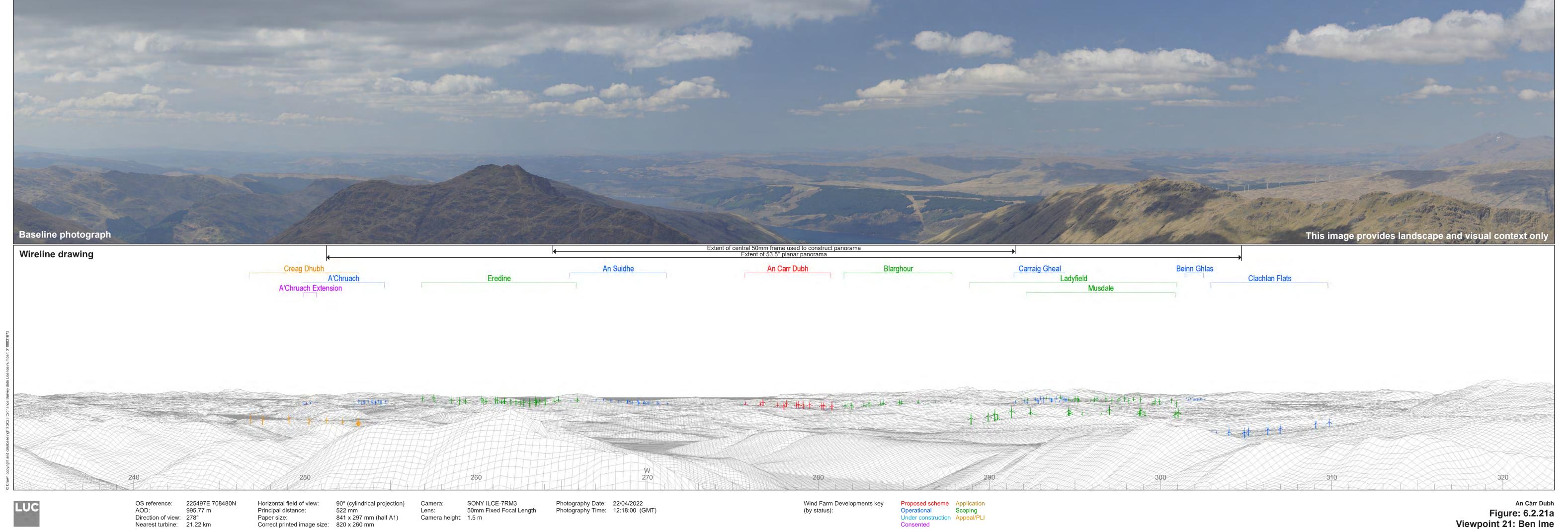
10-13 turbines visible

/ 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.

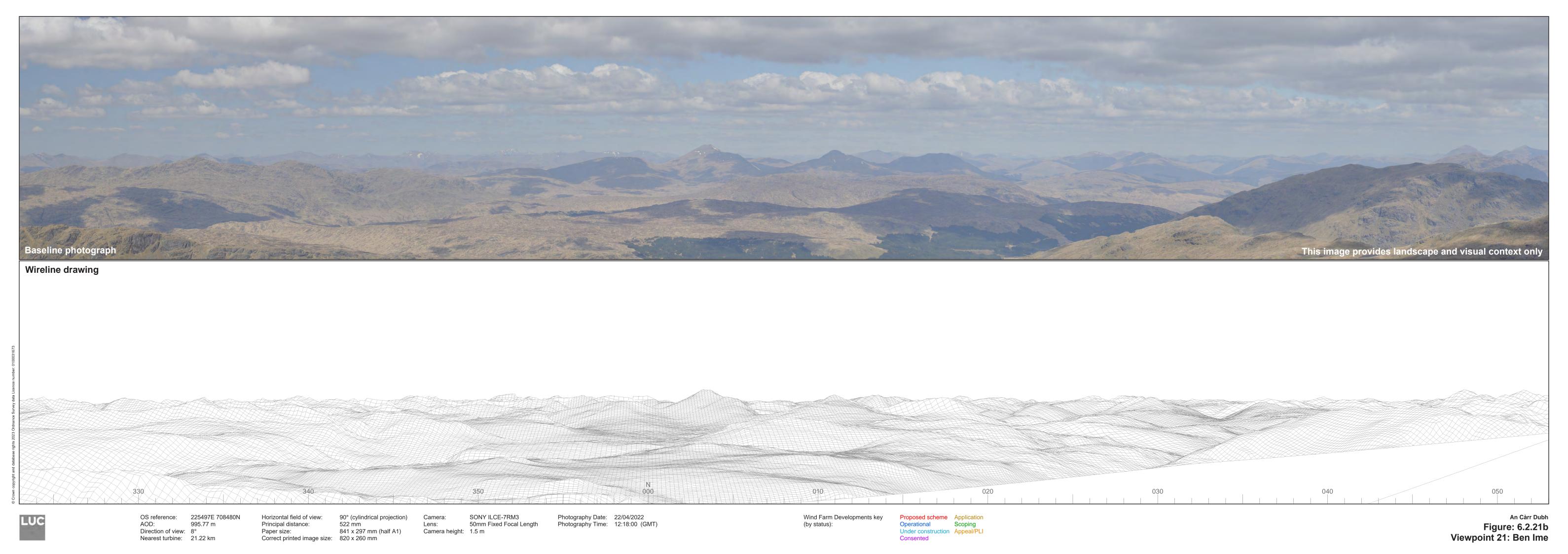


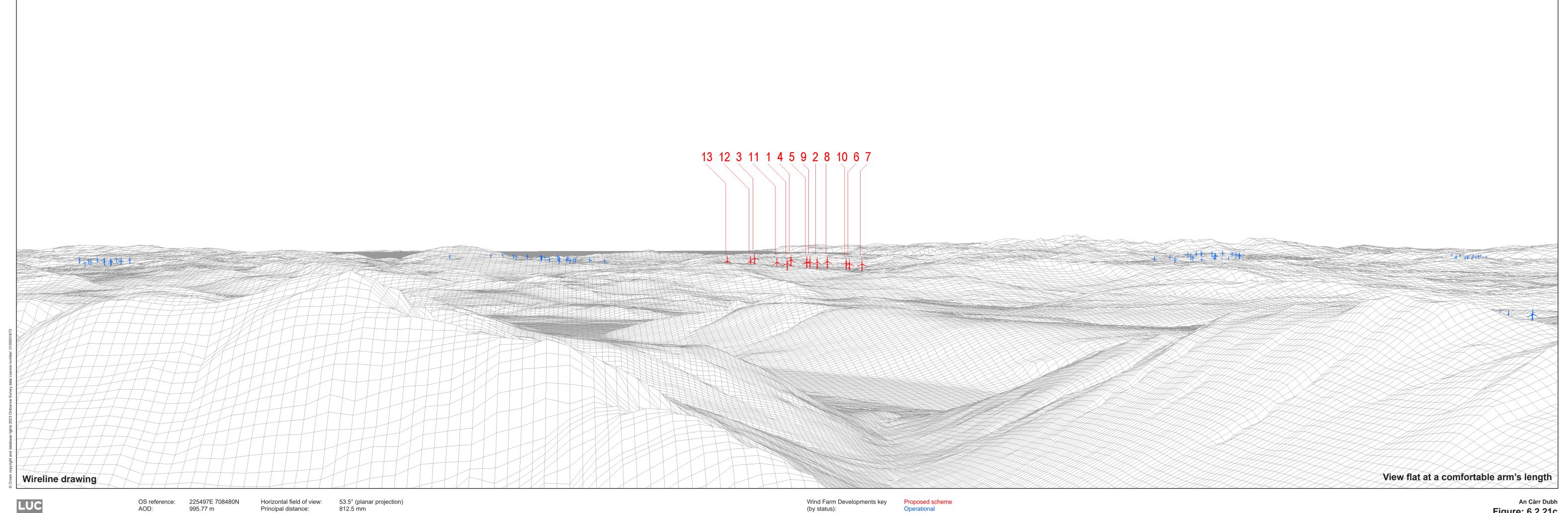


Consented

Correct printed image size: 820 x 260 mm

Viewpoint 21: Ben Ime







OS reference: 225497E 708480N
AOD: 995.77 m
Direction of view: 278°
Nearest turbine: 21.22 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):

An Càrr Dubh Figure: 6.2.21c Viewpoint 21: Ben Ime





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Camera: SONY ILCE-7RM3

Lens: 50mm Fixed Focal Length

Camera height: 1.5 m

Photography Date: 22/04/2022 Photography Time: 12:18:00 (GMT)

An Càrr Dubh Figure: 6.2.21d Viewpoint 21: Ben Ime