

for EDF Renewables



Viewpoint 1 - Twin Law Cairns, Southern Upland Way

5km intervals from outermost turbines

LVIA study area 45km from outermost turbines

Theoretical blade tip visibility (220m)

1-4 turbines visible

9-12 turbines visible

13-15 turbines visible

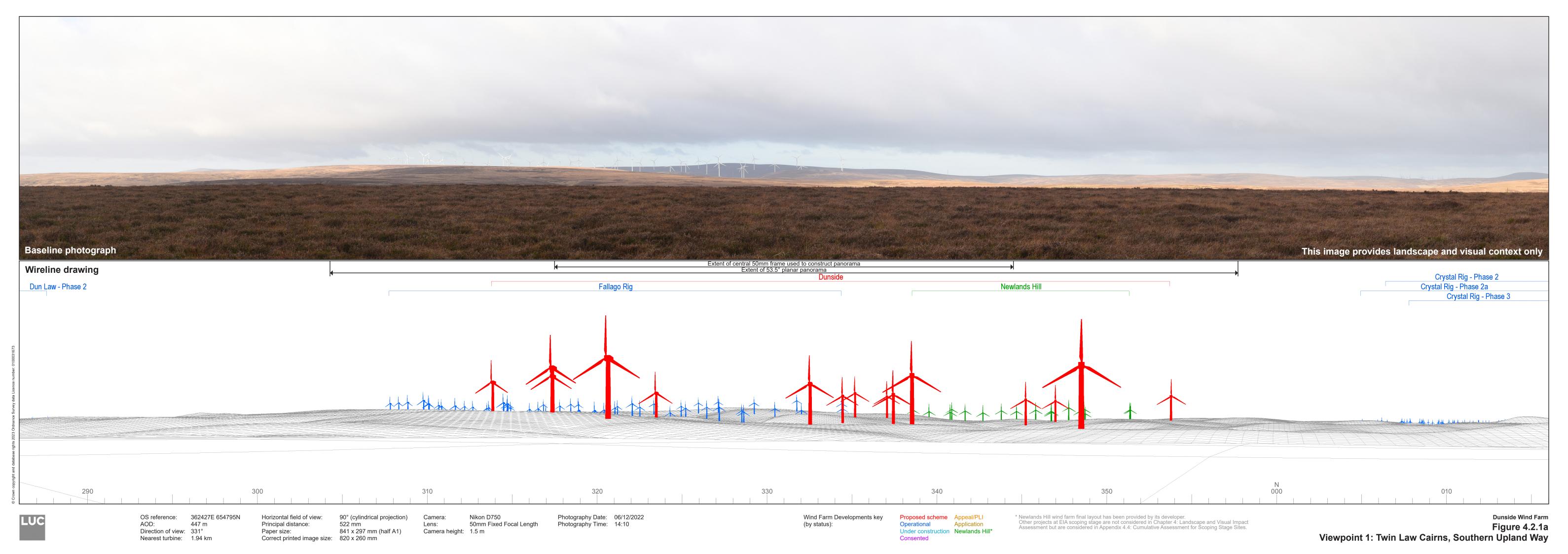
// 53.5° Field of View

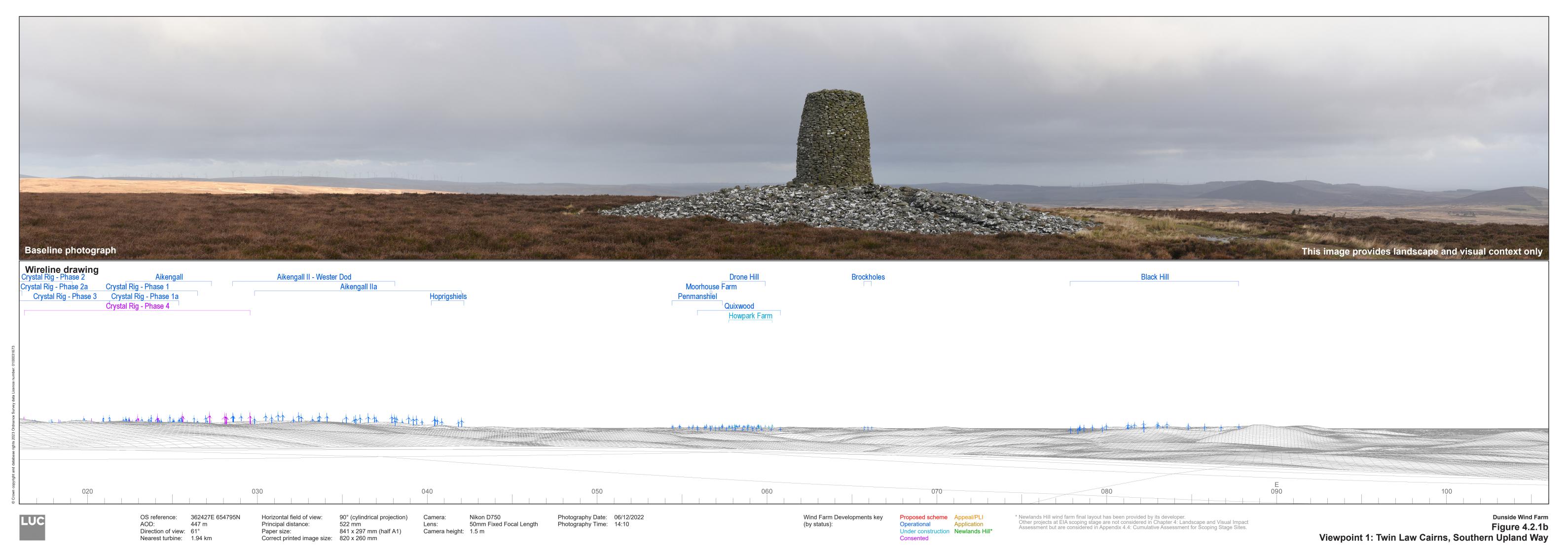
\/ 90° Field of View

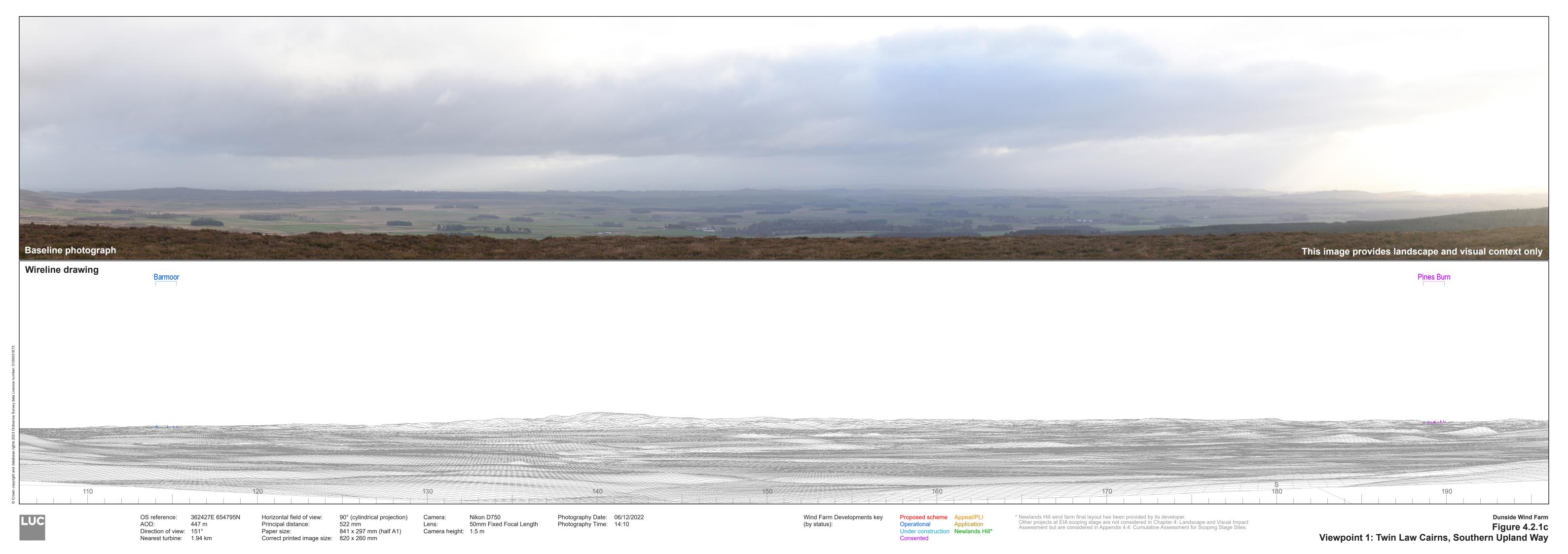
The ZTV is calculated to turbine tip height (220m) from a viewing height of 2m above ground level.

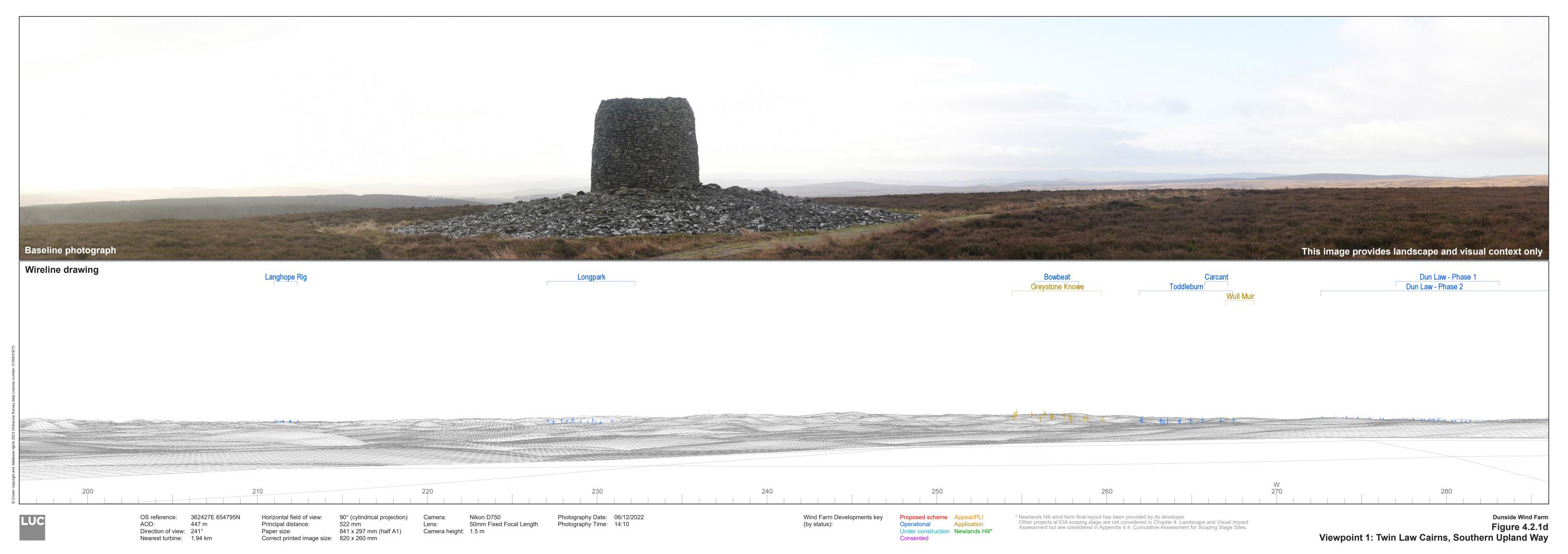
The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in January 2023). Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcMap 10.8.1.

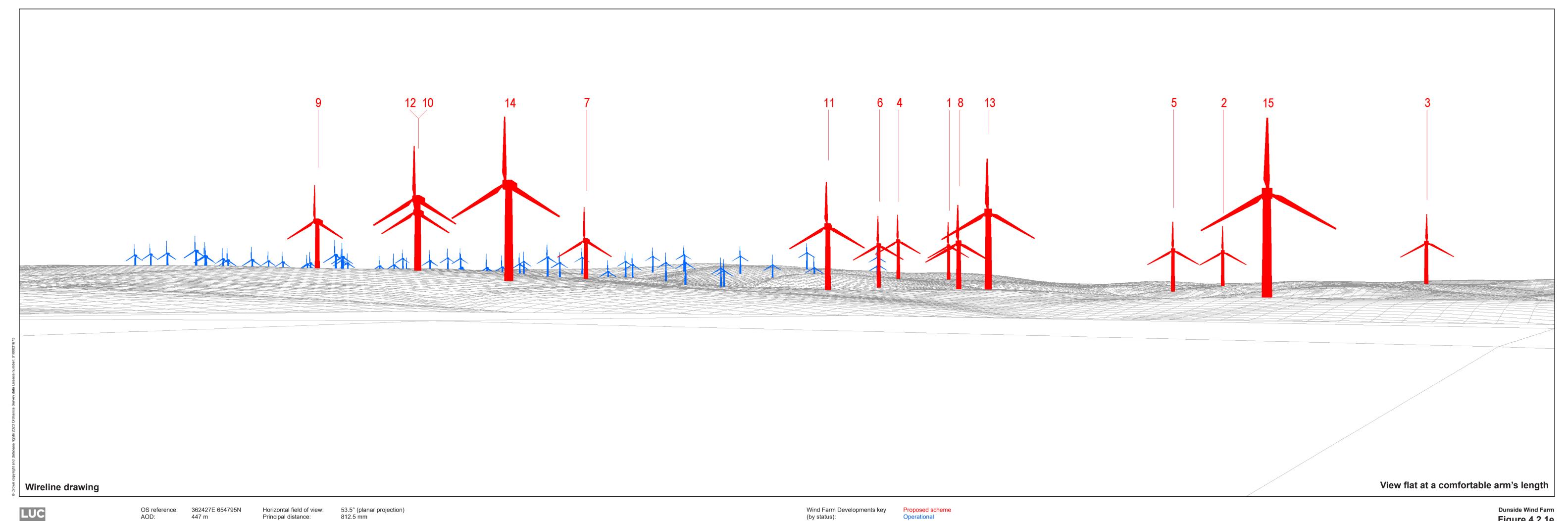












OS reference: 362427E 654795N
AOD: 447 m
Direction of view: 331°
Nearest turbine: 1.94 km

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: 362427E 654795N
AOD: 447 m
Direction of view: 331°
Nearest turbine: 1.94 km

Horizontal field of view: 53.5° (planar projection) Camera: Nikon D750
Principal distance: 812.5 mm Lens: 50mm Fixed Focal Length
Paper size: 841 x 297 mm (half A1) Camera height: 1.5 m

Correct printed image size: 820 x 260 mm

Photography Date: 06/12/2022 Photography Time: 14:10