

for EDF Renewables



**Viewpoint CH02 - In-combination view from Mutiny Stones** 

Site Boundary

5km intervals from outermost turbines

LVIA study area 45km from outermost turbines

## Theoretical blade tip visibility (220m)

1-4 turbines visible

5-8 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.



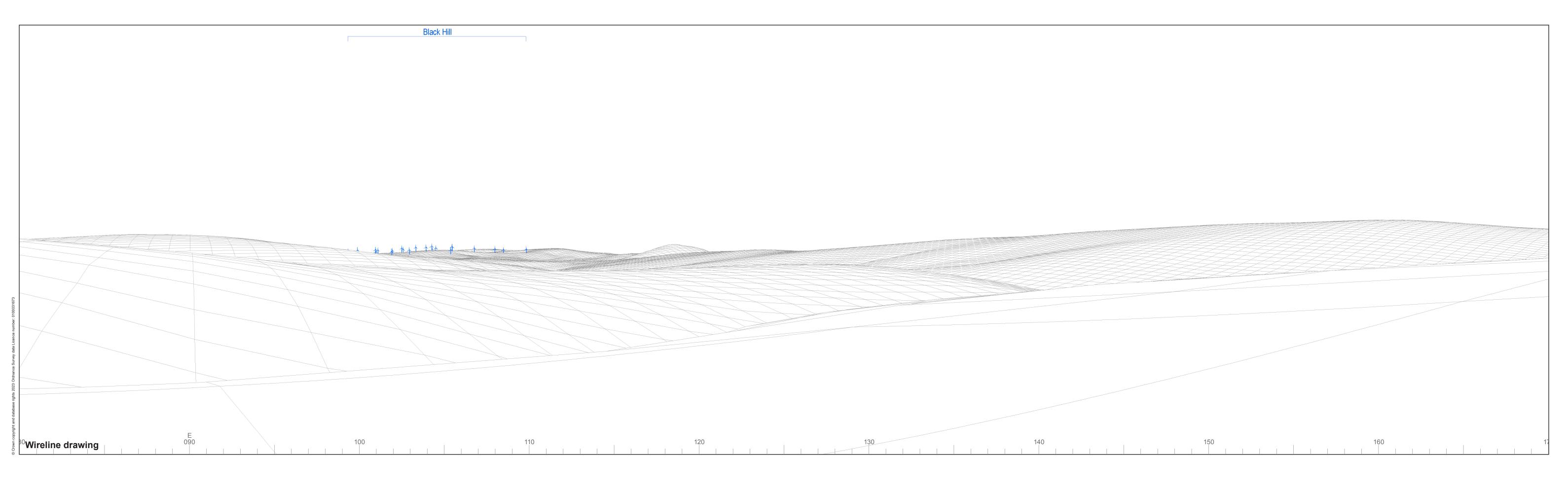




OS reference: 362368 E 658951 N Horizontal field of view: 90° (cylindrical projection) Camera: Nikon D750
AOD: 378 m Principal distance: 522 mm Lens: 50mm Fixed Focal Length
Direction of view: 125° Paper size: 841 x 297 mm (half A1) Camera height: 1.5 m
Nearest turbine: 1.14 km Correct printed image size: 820 x 230 mm

Photography Date: 14/02/2023 Photography Time: 14:26

**Dunside Wind Farm** Figure 5.6a Viewpoint CH02: In-combination view from Mutiny Stones (SM361)





OS reference: 362368 E 658951 N
AOD: 378 m
Principal distance: 522 mm
Direction of view: 125°
Nearest turbine: 1.14 km
Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
841 x 297 mm (half A1)
Correct printed image size: 820 x 230 mm

Wind Farm Developments key (by status):

Proposed scheme Appeal/PLI Operational Application Under construction Newlands Hill\* \* Newlands Hill wind farm final layout has been provided by its developer.

Other projects at EIA scoping stage are not considered in Chapter 4: Landscape and Visual Impact Assessment but are considered in Appendix 4.4: Cumulative Assessment for Scoping Stage Sites.





Direction of view: 215°
Nearest turbine: 1.14 km

Horizontal field of view: 90° (cylindrical projection) Camera: Nikon D750
Principal distance: 522 mm Lens: 50mm Fixed Focal Length
Paper size: 841 x 297 mm (half A1) Camera height: 1.5 m

Photography Date: 14/02/2023 Photography Time: 14:26





Direction of view: 215°
Nearest turbine: 1.14 km

OS reference: 362368 E 658951 N Horizontal field of view: 90° (cylindrical projection)
AOD: Principal distance: 522 mm Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 230 mm

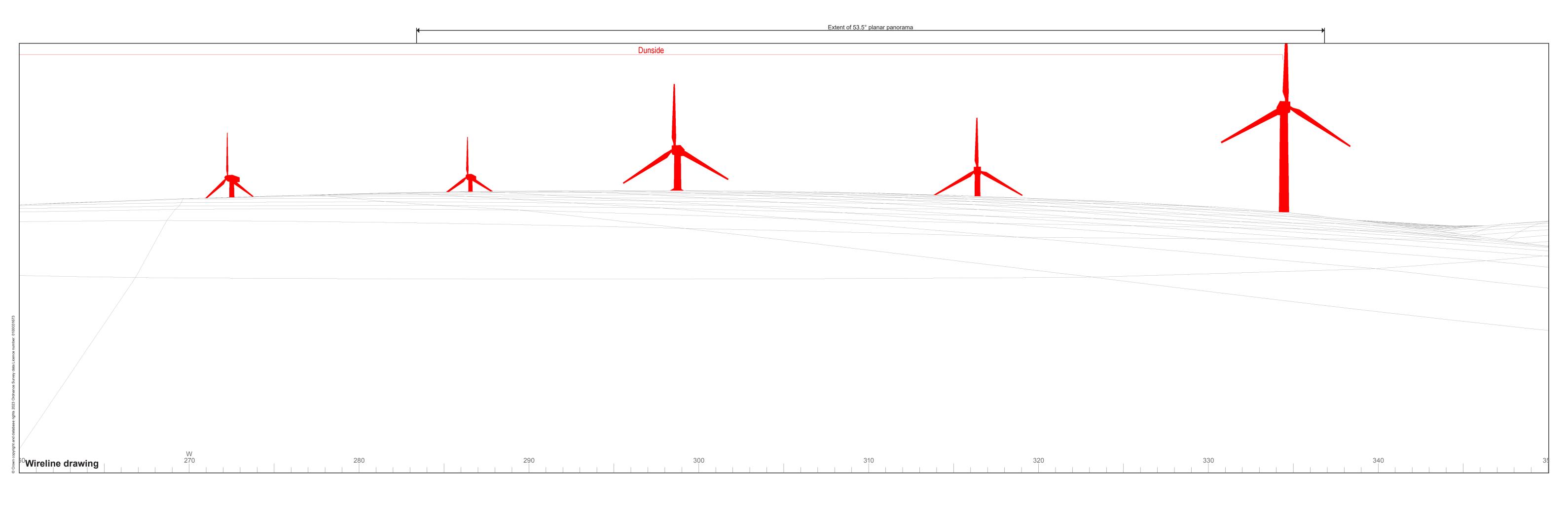




Direction of view: 305°
Nearest turbine: 1.14 km

Horizontal field of view: 90° (cylindrical projection) Camera: Nikon D750
Principal distance: 522 mm Lens: 50mm Fixed Focal Length
Paper size: 841 x 297 mm (half A1) Camera height: 1.5 m

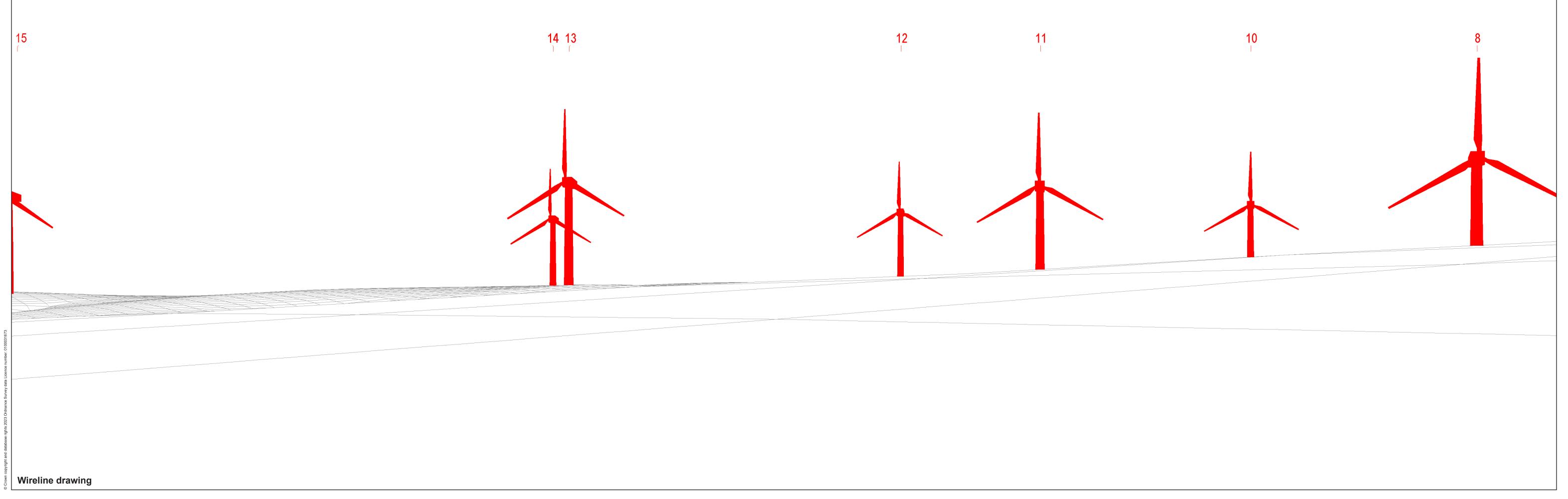
Photography Date: 14/02/2023 Photography Time: 14:26





Direction of view: 305° Nearest turbine: 1.14 km

OS reference: 362368 E 658951 N
AOD: 378 m
Principal distance: 522 mm
Direction of view: 305°
Paper size: 841 x 297 mm (half A1)
Nearest turbine: 1.14 km
Correct printed image size: 820 x 230 mm





OS reference: 362368 E 658951 N Horizontal field of view: 53.5° (planar projection)
AOD: 378 m Principal distance: 812.5 mm
Direction of view: 215° Paper size: 841 x 297 mm (half A1)
Nearest turbine: 1.14 km Correct printed image size: 820 x 260 mm





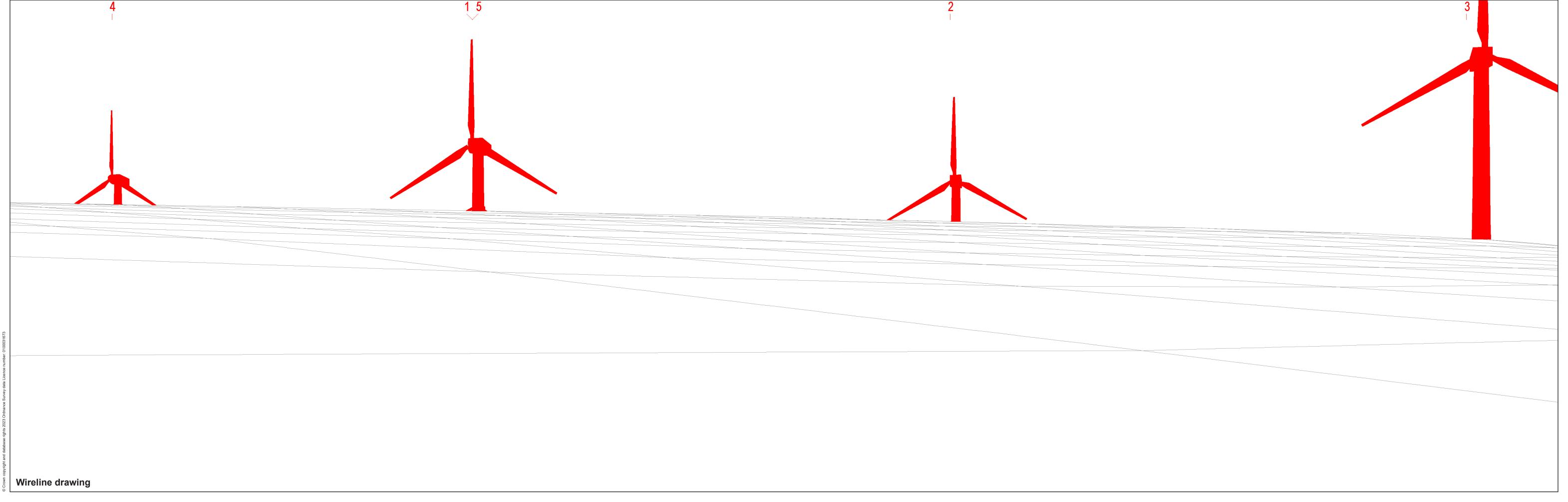
OS reference: 362368 E 658951 N AOD: 378 m Direction of view: 215°
Nearest turbine: 1.14 km

Horizontal field of view: 53.5° (planar projection) Camera: Nikon D7
Principal distance: 812.5 mm Lens: 50mm Fix
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: 14/02/2023 Photography Time: 14:26





OS reference: 362368 E 658951 N Horizontal field of view: 53.5° (planar projection)
AOD: 378 m Principal distance: 812.5 mm
Direction of view: 310° Paper size: 841 x 297 mm (half A1)
Nearest turbine: 1.14 km Correct printed image size: 820 x 260 mm

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





OS reference: 362368 E 658951 N AOD: 378 m Direction of view: 310°
Nearest turbine: 1.14 km

Paper size: 841 x 297 mm (half A1) Camera height: 1.5 m

Correct printed image size: 820 x 260 mm

Horizontal field of view: 53.5° (planar projection) Camera: Nikon D750
Principal distance: 812.5 mm Lens: 50mm Fixed Focal Length

Photography Date: 14/02/2023 Photography Time: 14:26

Viewpoint CH02: In-combination view from Mutiny Stones (SM361)

**Dunside Wind Farm**