



CAIRNMORE HILL WIND FARM

FIGURE 5.2.18

VIEWPOINT 18:
JANETSTOWN

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2022 ORDNANCE SURVEY 0100031673

- Planning application boundary
- Turbine layout (PSCOhof060)
- 5km intervals from outer turbines
- 40km LVIA study area
- Viewpoint
- 53.5° Field of View
- 90° Field of View

Theoretical wind farm visibility (138.5m)

- 1 turbine visible
- 2 turbines visible
- 3 turbines visible
- 4 turbines visible
- 5 turbines visible

Notes:
The ZTV is calculated to turbine tip height (138.5m) from a viewing height of 2m above ground level. The terrain model assumes bare ground. The data for a 45km buffer around the turbines is derived from OS Terrain 5 height data (obtained from EMapSite in July 2022). The data for extents beyond 45km 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.



Data source: RES, LUC, SNH, NC500

LAYOUT DWG

LAYOUT NO.

PSCOhof060

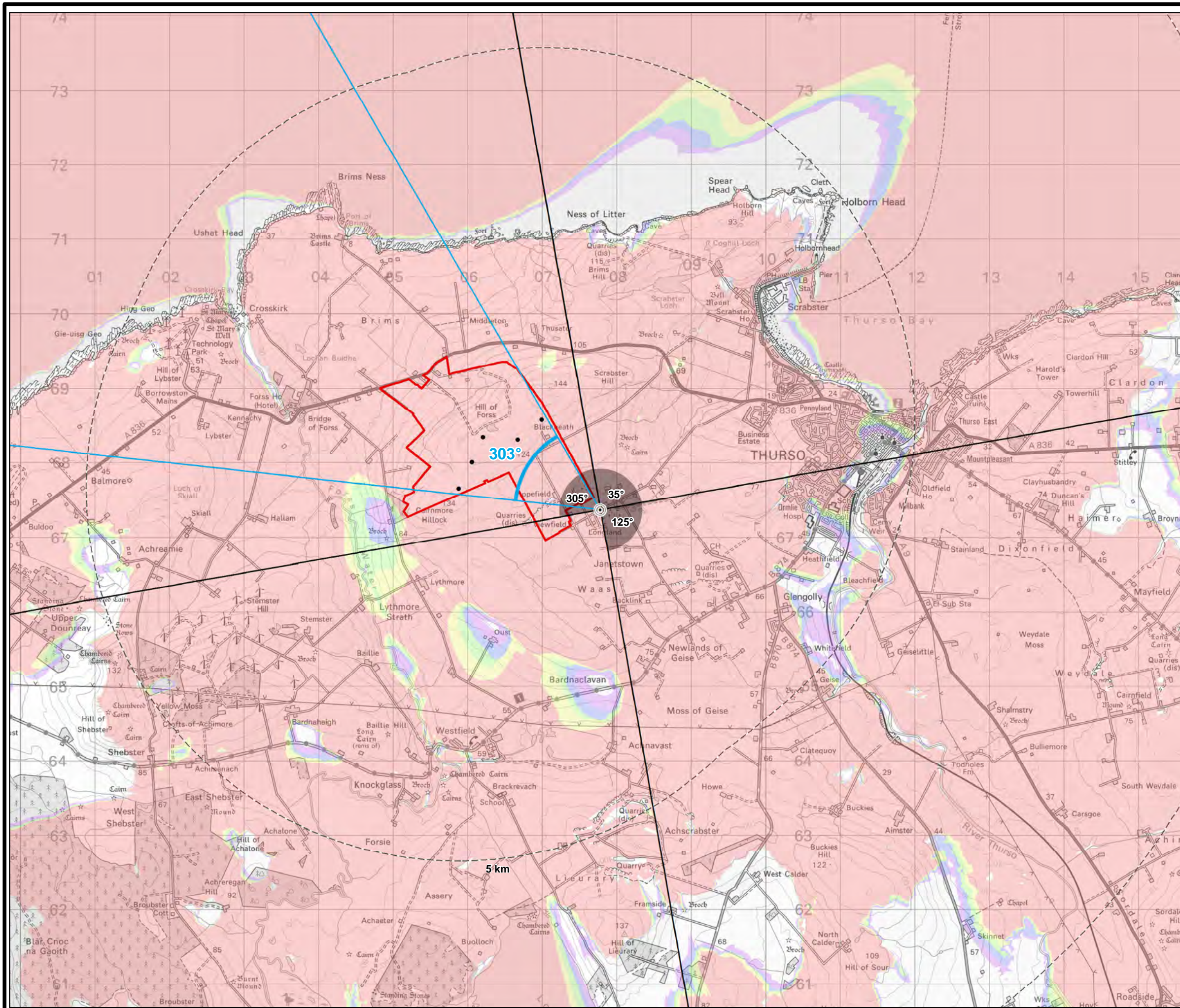
DRAWING NUMBER

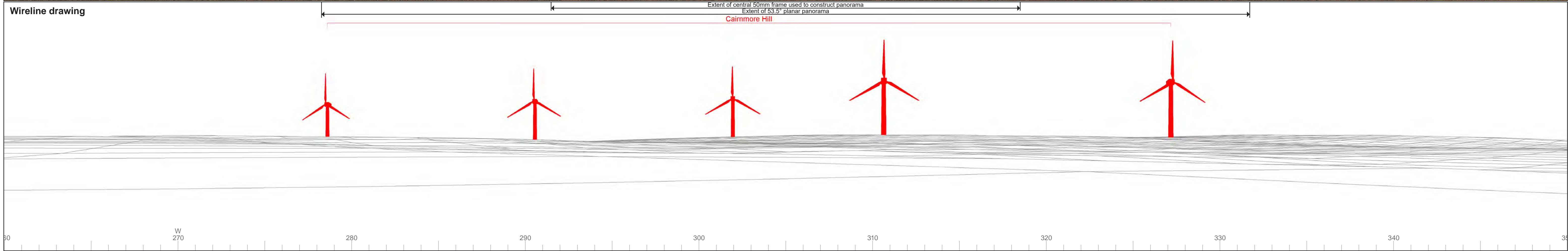
FIG5-2-X_11524_r0_VPOverview_A3L

SCALE - 1:50,000 @ A3

LANDSCAPE AND VISUAL IMPACT
ASSESSMENT, 2022

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Cairmore Hill
Figure: 5.2.18a
 Viewpoint 18: Janetstown

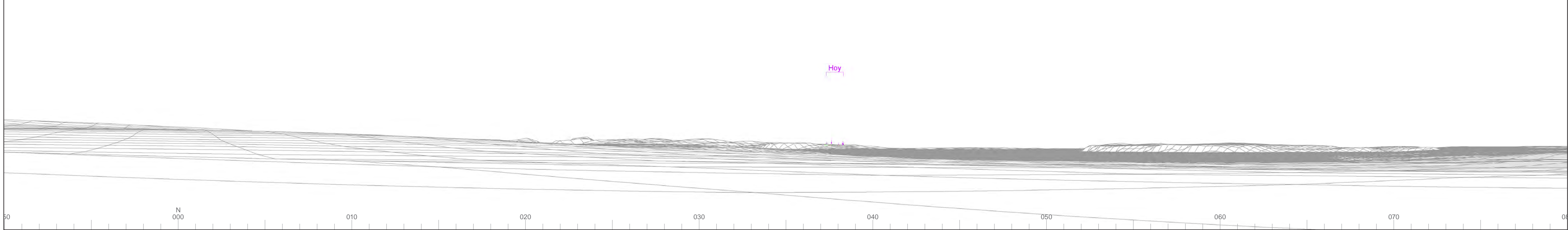
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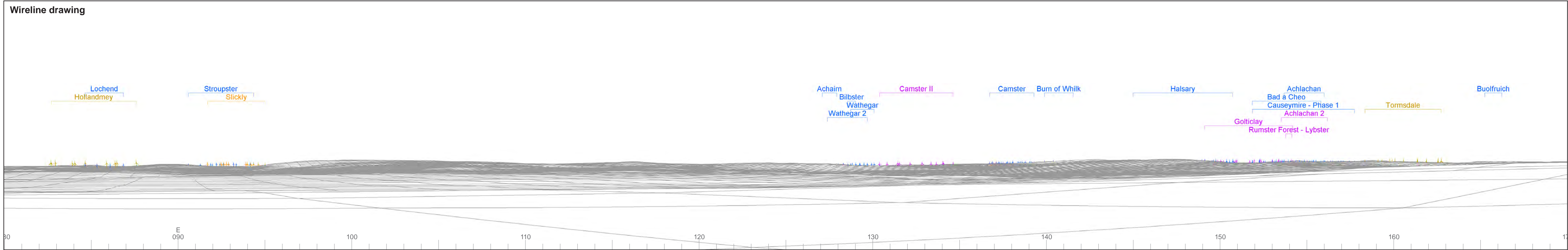
Baseline photograph

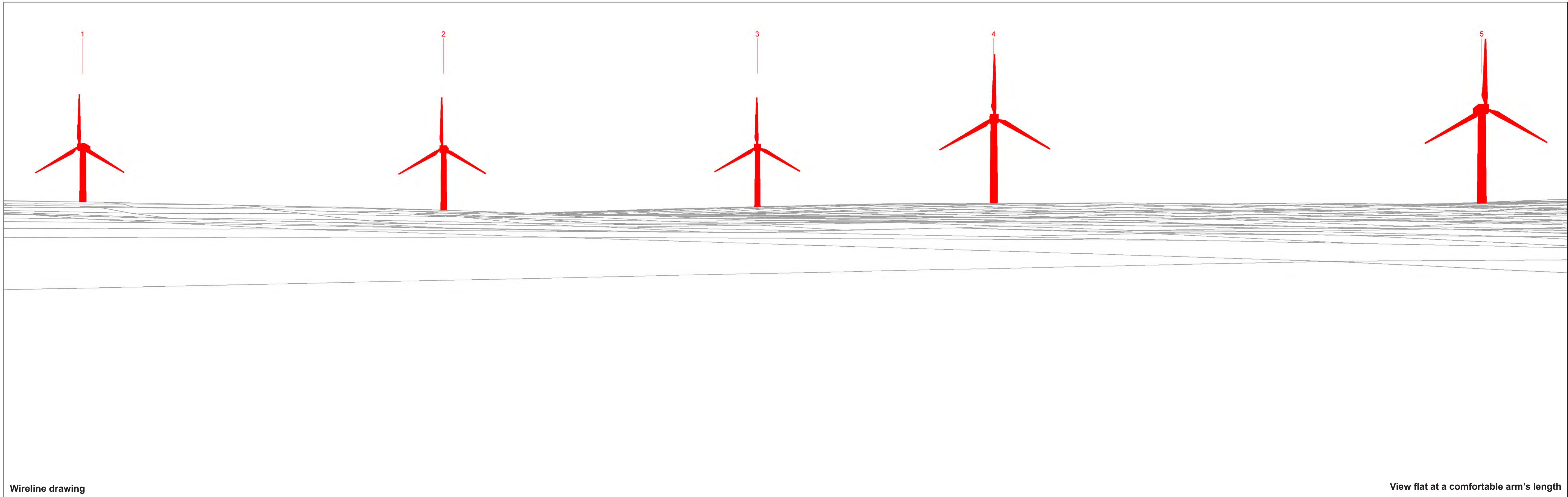
This image provides landscape and visual context only

Wireline drawing



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Wireline drawing

View flat at a comfortable arm's length



OS reference:	307777E 967365N	Horizontal field of view:	53.5° (planar projection)
AOD:	90 m	Principal distance:	812.5 mm
Direction of view:	303°	Paper size:	841 x 297 mm (half A1)
Nearest turbine:	1.44 km	Correct printed image size:	820 x 260 mm

Wind Farm Developments key
(by status):

Proposed scheme
Operational

Cairnmore Hill
Figure: 5.2.18d
Viewpoint 18: Janetstown

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Photomontage

View flat at a comfortable arm's length



OS reference: 307777E 967365N
AOD: 90 m
Direction of view: 303°
Nearest turbine: 1.44 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

Camera: Nikon D750
Lens: 50mm Fixed Focal Length
Camera height: 1.5 m

Photography Date: 11/02/2022
Photography Time: 12:05

Cairmore Hill
Figure: 5.2.18e
Viewpoint 18: Janetstown