Quantans Hill Wind Farm

Volume 2c -
LVIA and Cultural Heritage Visualisations

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PREFACE

An Environmental Impact Assessment Report (EIAR) has been prepared in support of an application submitted by Natural Power Consultants Limited (Natural Power) on behalf of the Applicant (Vattenfall Wind Power Ltd). The application seeks consent under Section 36 of the Electricity Act 1989 and the EIAR has been prepared in accordance with the Electricity Works (Environmental Impact Assessment) (Scotland) Amendment Regulations 2017. The application also seeks a direction under Section 57(2) of the Town and Country Planning (Scotland) Act 1997 as amended that planning permission for the development be deemed to be granted. This EIAR contains the information carried out for the Environmental Impact Assessment to develop a wind farm comprising of up to fourteen wind turbines and associated infrastructure (the Proposed Development). The Proposed Development is located in Dumfries & Galloway local authority area.

The Electricity Works (Miscellaneous Temporary Modifications) (Coronavirus) (Scotland) Regulations 2020 ("the Temporary Regs") came into effect on 24 April 2020. These Regulations are temporary and were due to expire on 30 September 2020. However, these safeguards will now continue to be in place for the duration of the extension period, with the expiry date of the Scottish Acts by this Bill, to 30 September 2022.

Copies of the EIAR may also be obtained from Vattenfall Wind Power Ltd at a charge of £1,400 per hard copy. Copies of Non-Technical Summary and USB format of entire application are available free of charge upon request.

- This is **Volume 2c of the EIAR** which presents the Visualisations produced for EIAR Chapters 5 and 9 (Landscape & Visual Impact Assessment and Cultural Heritage).
- Volume 1 of the EIAR presents the 15 Chapters of the Environmental Impact Assessment Report.
- Volume 2a of the EIAR presents the technical Figures associated with the EIAR Chapters except for Chapter 5 (Landscape & Visual Impact Assessment)
- Volume 2b of the EIAR presents the technical Figures associated with EIAR Chapter 5.
- Volume 3 presents the Technical Appendices associated with the EIAR Chapters.
- Volume 4 of the EIAR presents the Non-Technical Summary.

In addition to the EIAR, the application is also supplemented by accompanying documents including:

- Planning, Design & Access Statement,
- Pre-Application Consultation (PAC) Report.

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This is to certify that

Natural Power Consultants Limited

is a member of the

EIA Quality Mark

for the registration period covering

18th April 2022 – 17th April 2023*

*Subject to meeting the requirements of registration

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Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.14a Viewpoint 1: Carsphairn War Memorial

- Proposed development
- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

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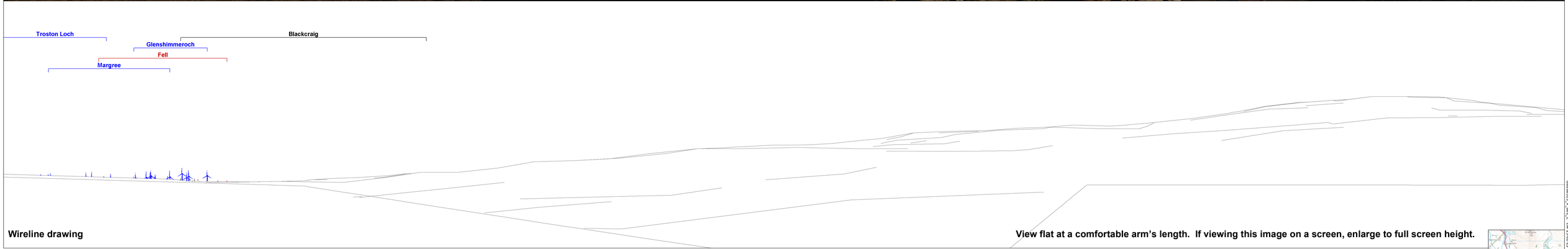
OS reference:	256857E 593088N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T10
Eye level:	179 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	1.6 km
Direction to centre of photograph:	64°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans tips visible:	14
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	04/11/2021 14:30	Theoretical number of Quantans hubs visible:	12

G4806514_V_001_C_LW_FIG5.14.3



View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.14b Viewpoint 1: Carsphairn War Memorial

- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

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OS reference:	256857E 593088N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	179 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	154°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	04/11/2021 14:30

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View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.14c Viewpoint 1: Carsphairn War Memorial

Consented wind farm

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OS reference:	256857E 593088N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	179 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
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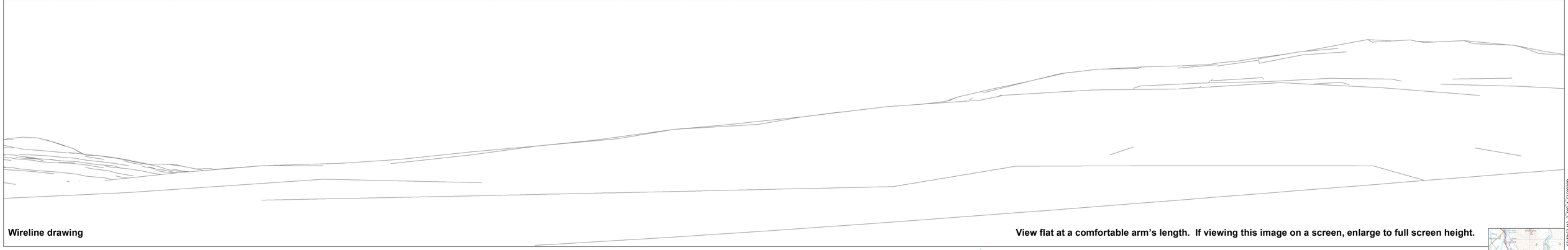

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.14d Viewpoint 1: Carsphairn War Memorial

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natural power

OS reference:	256857E 593088N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	179 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	334°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
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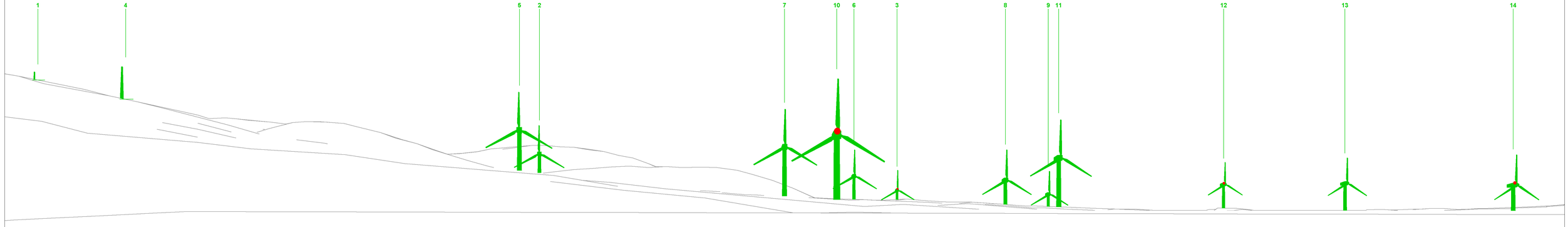

Wireline drawing

Due to the proximity of this viewpoint to the Proposed Development, all 53.5° planar projection images have been extended to 75° to accommodate the horizontal extent of turbines.

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm

Figure 5.14e Viewpoint 1: Carsphairn War Memorial

Proposed development

Aviation Lighting

medium intensity (2000 candela)

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OS reference:	256857E 593088N	Horizontal field of view:	75° (planar projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T10
Eye level:	179 m AOD	Vertical field of view:	18.2°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	1.6 km
Direction to centre of wireline:	64°	Paper size:	1189 x 297 mm (half A0)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	1149 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	12

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Photomontage
Due to the proximity of this viewpoint to the Proposed Development, all 90.5° planar projection images have been extended to 75° to accommodate the horizontal extent of turbines.

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.14f Viewpoint 1: Carsphairn War Memorial

VATTENFALL natural power

OS reference:	256857E 593088N	Horizontal field of view:	75° (planar projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T10
Eye level:	179 m AOD	Vertical field of view:	18.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	1.6 km
Direction to centre of photograph:	64°	Paper size:	1189 x 297 mm (half A0)	Camera height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	1149 x 260 mm	Date and time of photograph:	04/11/2021 14:30	Theoretical number of Quantans Hill hubs visible:	12

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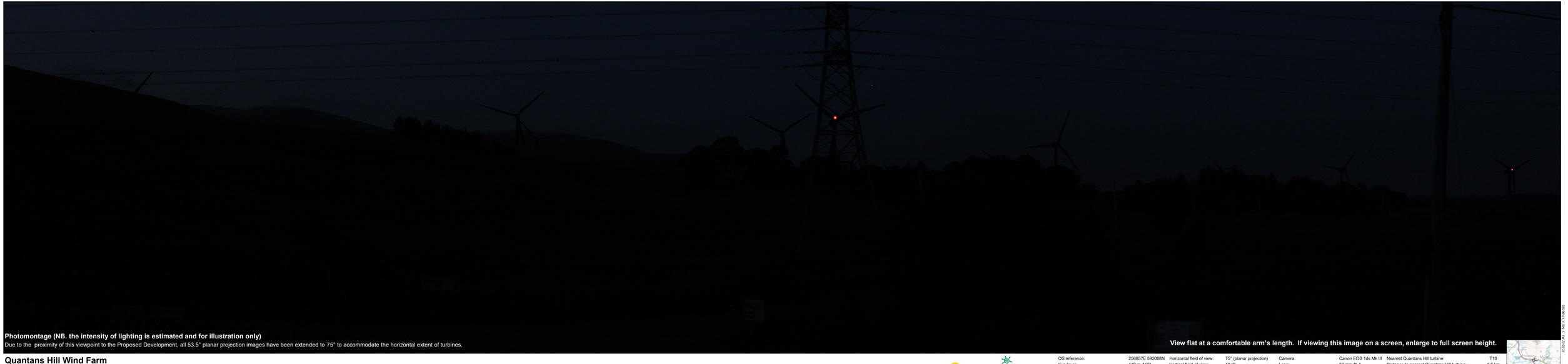
Drawing No. QUA-EIA-FIG-5.14f



Photomontage (NB. the intensity of lighting is estimated and for illustration only)
Due to the proximity of this viewpoint to the Proposed Development, all 53.5° planar projection images have been extended to 75° to accommodate the horizontal extent of turbines.

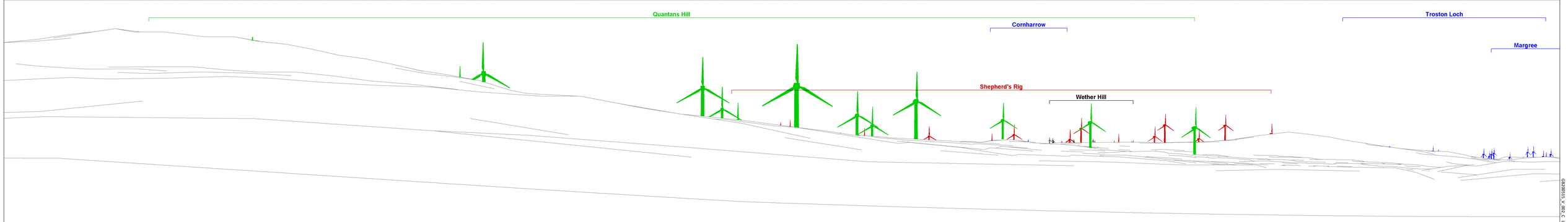
View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.14g Viewpoint 1: Carsphairn War Memorial

VATTENFALL natural power

OS reference:	256857E 593088N	Horizontal field of view:	75° (planar projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T10
Eye level:	179 m AOD	Vertical field of view:	18.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	1.6 km
Direction to centre of photograph:	64°	Paper size:	1189 x 297 mm (half A0)	Camera height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	1149 x 260 mm	Date and time of photograph:	04/11/2021 14:30	Theoretical number of Quantans Hill hubs visible:	12

Version 1 July 2022



Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.15a Viewpoint 2: Carsphairn Memorial Garden

- Proposed development
- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	256291E 593211N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T10
Eye level:	178 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	2.0 km
Direction to centre of photograph:	70°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans tips visible:	13
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	04/11/2021 16:45	Theoretical number of Quantans hubs visible:	10

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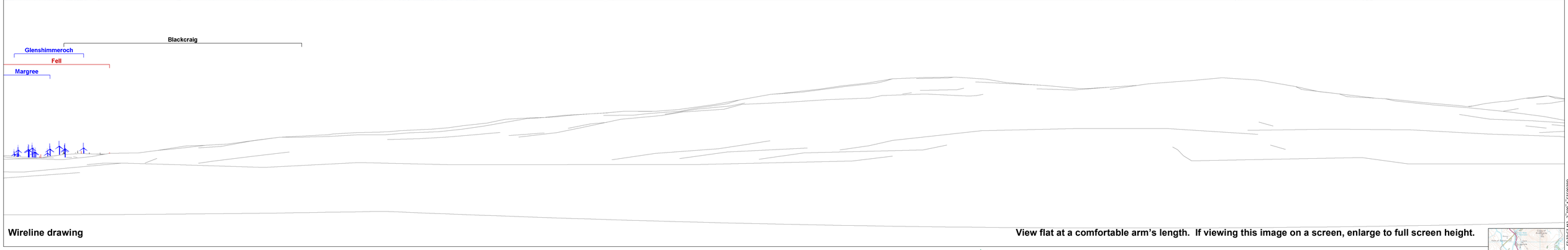

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.15b Viewpoint 2: Carsphairn Memorial Garden

- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	256291E 593211N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	178 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	160°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
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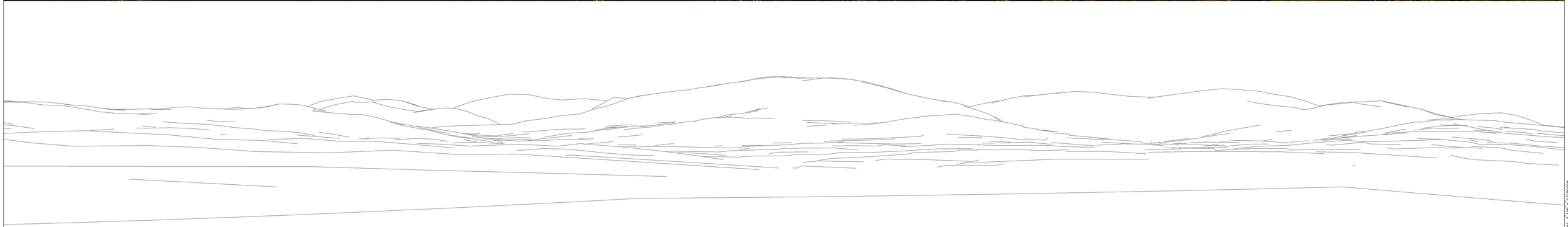

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.15c Viewpoint 2: Carsphairn Memorial Garden

VATTENFALL

natural power

OS reference:	256291E 593211N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	178 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	250°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
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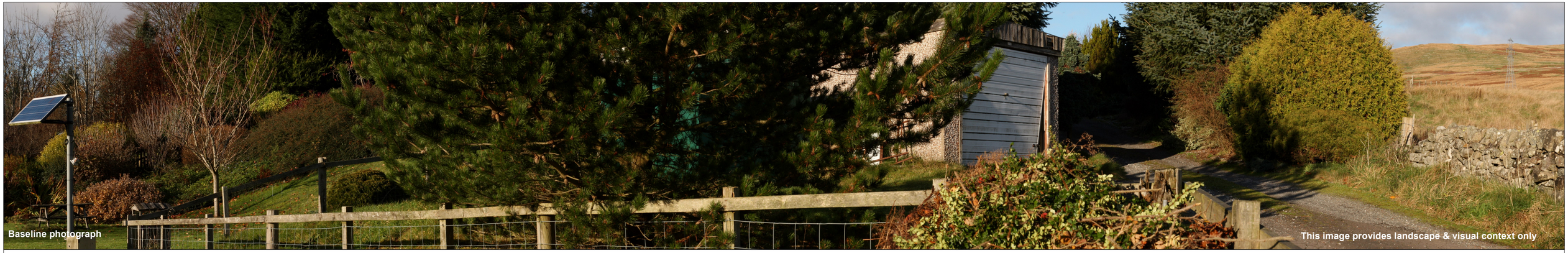

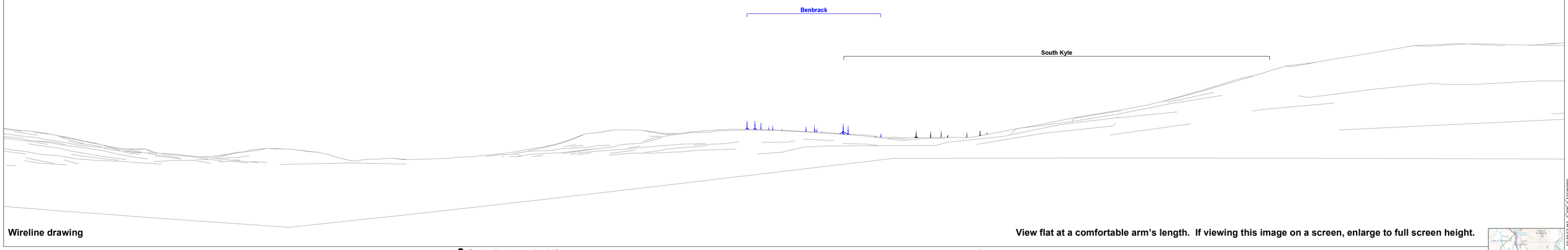

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.15d Viewpoint 2: Carsphairn Memorial Garden

- Operational/under construction wind farm
- Consented wind farm

VATTENFALL

natural power

OS reference:	256291E 593211N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	178 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	340°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	04/11/2021 16:45

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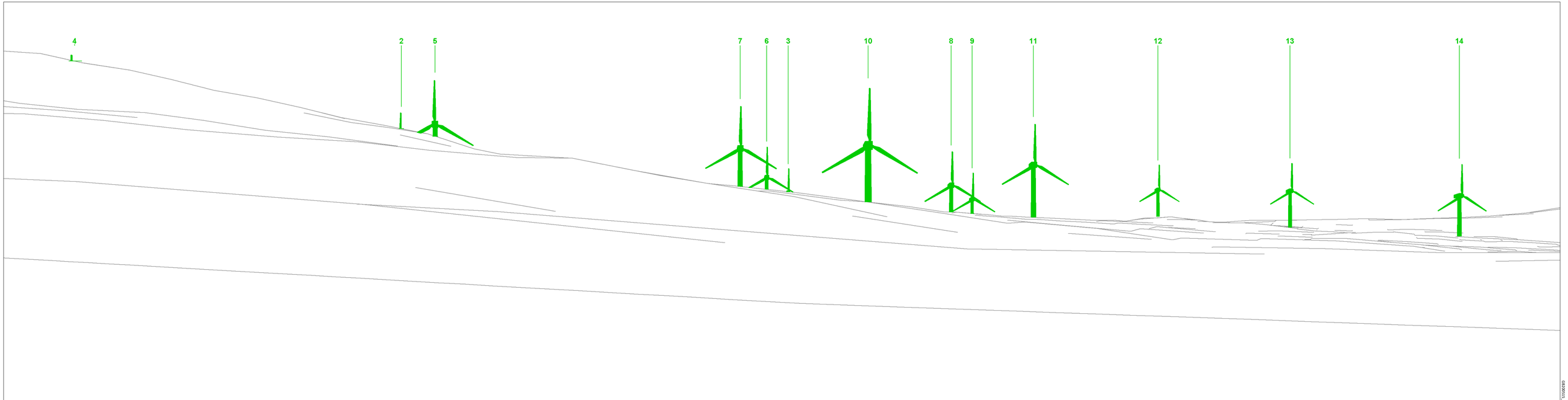

Wireline drawing

Due to the proximity of this viewpoint to the Proposed Development, all 53.5° planar projection images have been extended to 60° to accommodate the horizontal extent of turbines.

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Proposed development

Quantans Hill Wind Farm

Figure 5.15e Viewpoint 2: Carsphairn Memorial Garden

VATTENFALL

natural power

OS reference:	256291E 593211N	Horizontal field of view:	60° (planar projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T10
Eye level:	178 m AOD	Vertical field of view:	18.2°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	2.0 km
Direction to centre of wireline:	70°	Paper size:	945 x 297 mm	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	13
Principal distance:	812.5 mm	Correct printed image size:	920 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	10

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Photomontage
Due to the proximity of this viewpoint to the Proposed Development, all 53.5° planar projection images have been extended to 60° to accommodate the horizontal extent of turbines.

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.15f Viewpoint 2: Carsphairn Memorial Garden

VATTENFALL natural power

OS reference:	256291E 593211N	Horizontal field of view:	60° (planar projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T10
Eye level:	178 m AOD	Vertical field of view:	18.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	2.0 km
Direction to centre of photograph:	70°	Paper size:	945 x 297 mm	Camera height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	13
Principal distance:	812.5 mm	Correct printed image size:	920 x 260 mm	Date and time of photograph:	21/11/2021 13:35	Theoretical number of Quantans Hill hubs visible:	10

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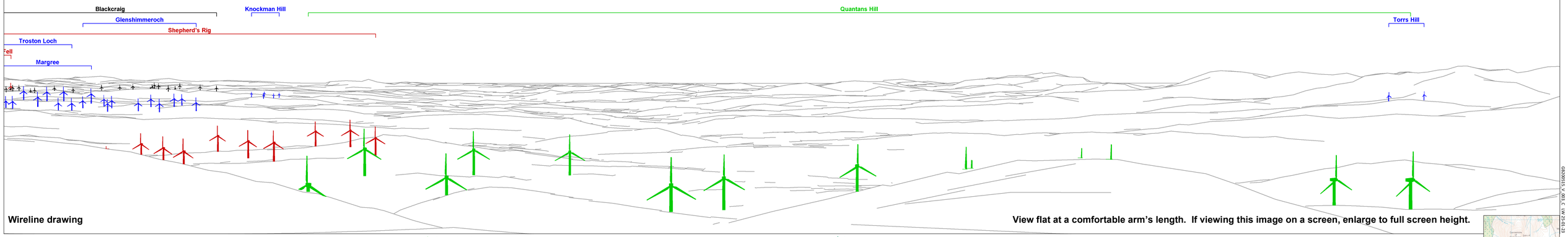

Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.16a Viewpoint 3: Cairnsmore of Carsphairn

- Proposed development
- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	259545E 597722N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T2
Eye level:	775 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	2.4 km
Direction to centre of photograph:	182°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans tips visible:	14
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	27/08/2021 15:00	Theoretical number of Quantans hubs visible:	10

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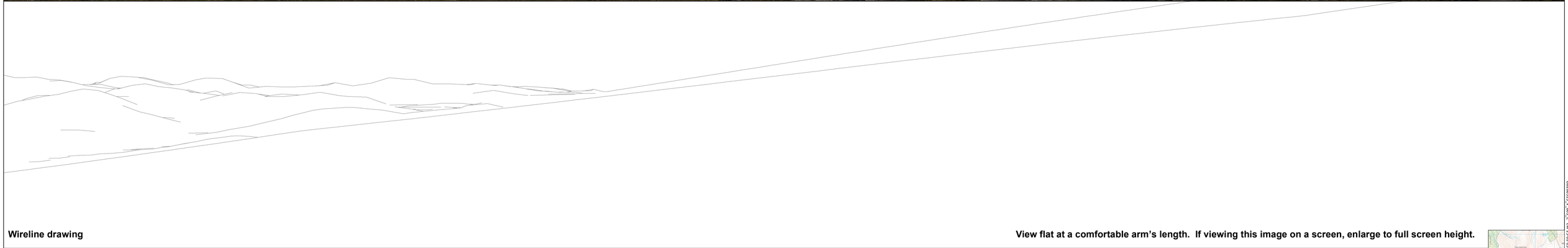

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.16b Viewpoint 3: Cairnsmore of Carsphairn

OS reference:	259545E 597722N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	775 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	272°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	27/08/2021 15:00

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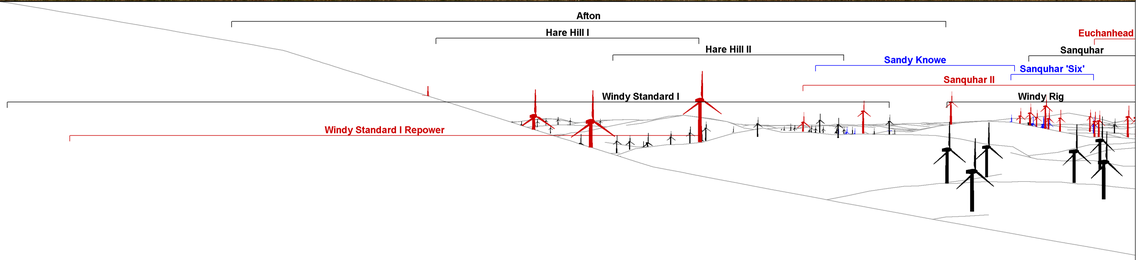


Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.16c Viewpoint 3: Cairnsmore of Carsphairn

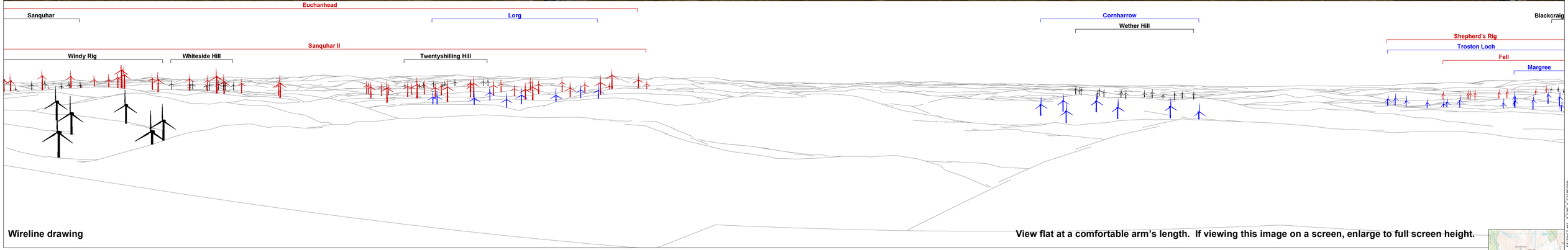
- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	259545E 597722N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	775 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	2°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	27/08/2021 15:00

G:\GB\09\51\4_005_LVIA\5\A3



View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.16d Viewpoint 3: Cairnsmore of Carsphairn

- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	259545E 597722N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	775 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	92°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	27/08/2021 15:00

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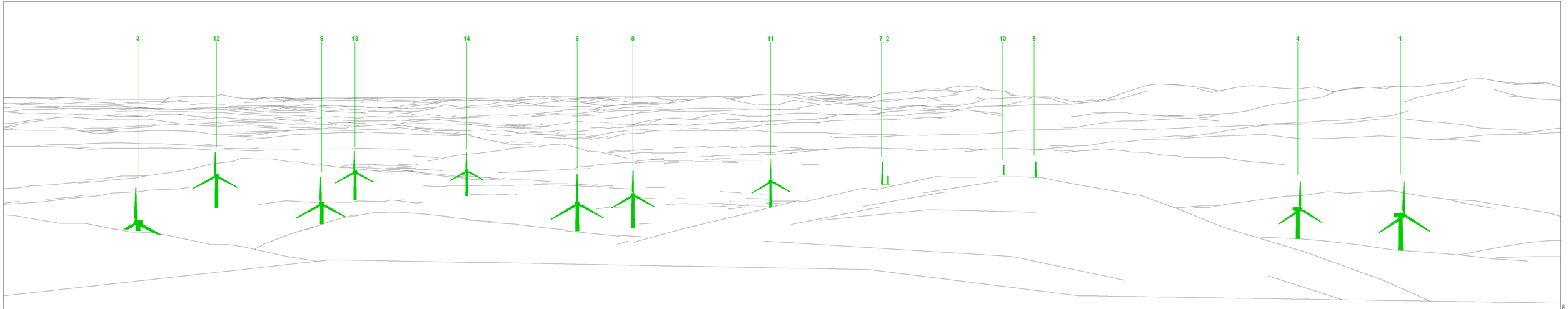

Wireline drawing

Due to the proximity of this viewpoint to the Proposed Development, all 53.5° planar projection images have been extended to 75° to accommodate the horizontal extent of turbines.

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.16e Viewpoint 3: Cairnsmore of Carsphairn

Proposed development

VATTENFALL

natural power

OS reference:	259545E 597722N	Horizontal field of view:	75° (planar projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T2
Eye level:	775 m AOD	Vertical field of view:	18.2°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	2.4 km
Direction to centre of wireline:	186°	Paper size:	1189 x 297 mm (half A0)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	1149 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	10

DO NOT SCALE. Use figured dimensions only.

Photomontage
Due to the proximity of this viewpoint to the Proposed Development, all 53.5° planar projection images have been extended to 75° to accommodate the horizontal extent of turbines.

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.16f Viewpoint 3: Cairnsmore of Carsphairn

VATTENFALL natural power

OS reference:	259545E 597722N	Horizontal field of view:	75° (planar projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T2
Eye level:	775 m AOD	Vertical field of view:	18.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	2.4 km
Direction to centre of photograph:	186°	Paper size:	1189 x 297 mm (half A0)	Camera height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	1149 x 260 mm	Date and time of photograph:	27/08/2021 15:00	Theoretical number of Quantans Hill hubs visible:	10

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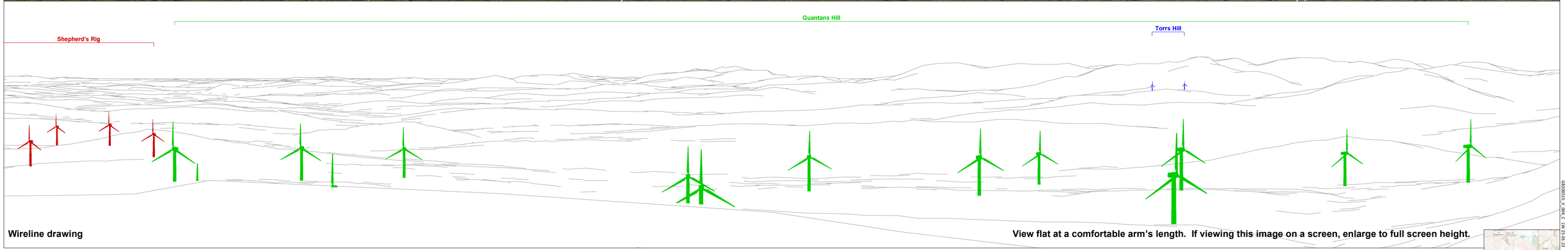

Quantans Hill Wind Farm
Figure 5.17a Viewpoint 4: Benniner

- Proposed development
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	260442E 596845N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T3
Eye level:	693 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	2.1 km
Direction to centre of photograph:	202°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans tips visible:	14
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	27/08/2021 17:00	Theoretical number of Quantans hubs visible:	13

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View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

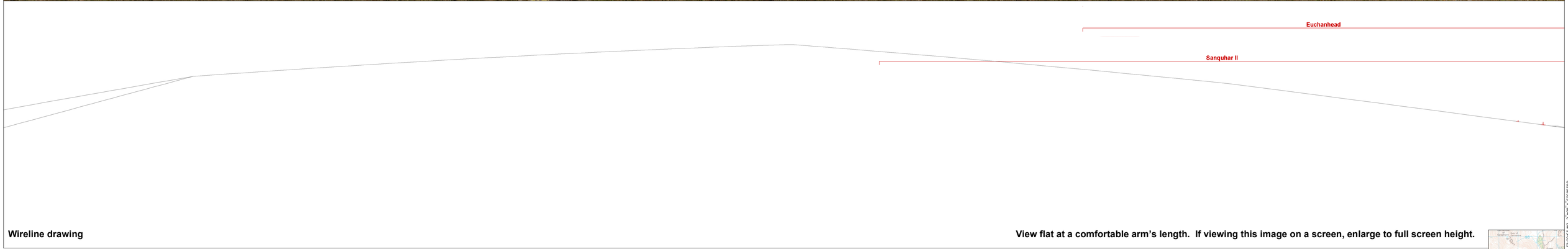
Quantans Hill Wind Farm
Figure 5.17b Viewpoint 4: Benniner

VATTENFALL

natural power

OS reference:	260442E 596845N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	693 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	292°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	27/08/2021 17:00

G:\80\30512\LA\Viewpoints\Viewpoint 4 Benniner.jpg



View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Other proposed wind farm

Quantans Hill Wind Farm
Figure 5.17c Viewpoint 4: Benniner

VATTENFALL

natural power

OS reference:	260442E 596845N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	693 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	22°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	27/08/2021 17:00

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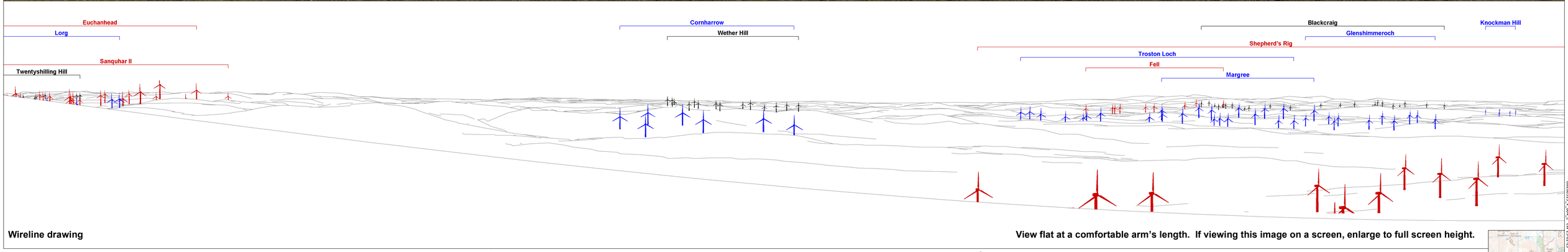


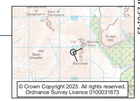
Quantans Hill Wind Farm
Figure 5.17d Viewpoint 4: Benniner

- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

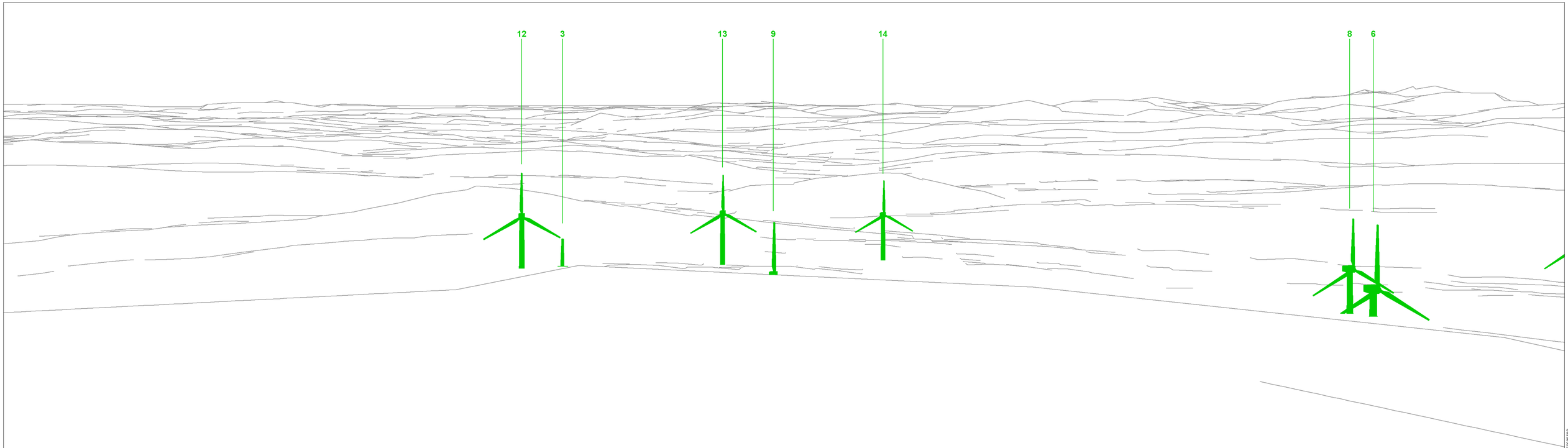
VATTENFALL

natural power

OS reference:	260442E 596845N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	693 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	112°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	27/08/2021 17:00



G:\GRAPHICS_Jobs_\Quantans Hill\Figure 5.17d.jpg



Wireline drawing 1 of 2 (Direction to centre of image: 177°)

Due to the proximity of this viewpoint to the Proposed Development, the 53.5° planar projection images have been split over two pages to accommodate the horizontal extent of turbines.

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

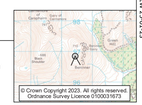
Quantans Hill Wind Farm
Figure 5.17e Viewpoint 4: Benniner

Proposed development

VATTENFALL

natural power

OS reference:	260442E 596845N	Horizontal field of view:	53.5° (planar projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T3
Eye level:	693 m AOD	Vertical field of view:	18.2°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	2.1 km
Direction to centre of wireline:	177°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	13



GB08SLV_06c_Ver3.23

Photomontage 1 of 2 (Direction to centre of image: 177°)
Due to the proximity of this viewpoint to the Proposed Development, the 53.5° planar projection images have been split over two pages to accommodate the horizontal extent of turbines.

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.17f Viewpoint 4: Benniner

VATTENFALL

natural power

OS reference:	260442E 596845N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T3
Eye level:	693 m AOD	Vertical field of view:	18.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	2.1 km
Direction to centre of photograph:	177°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	27/08/2021 17:00	Theoretical number of Quantans Hill hubs visible:	13

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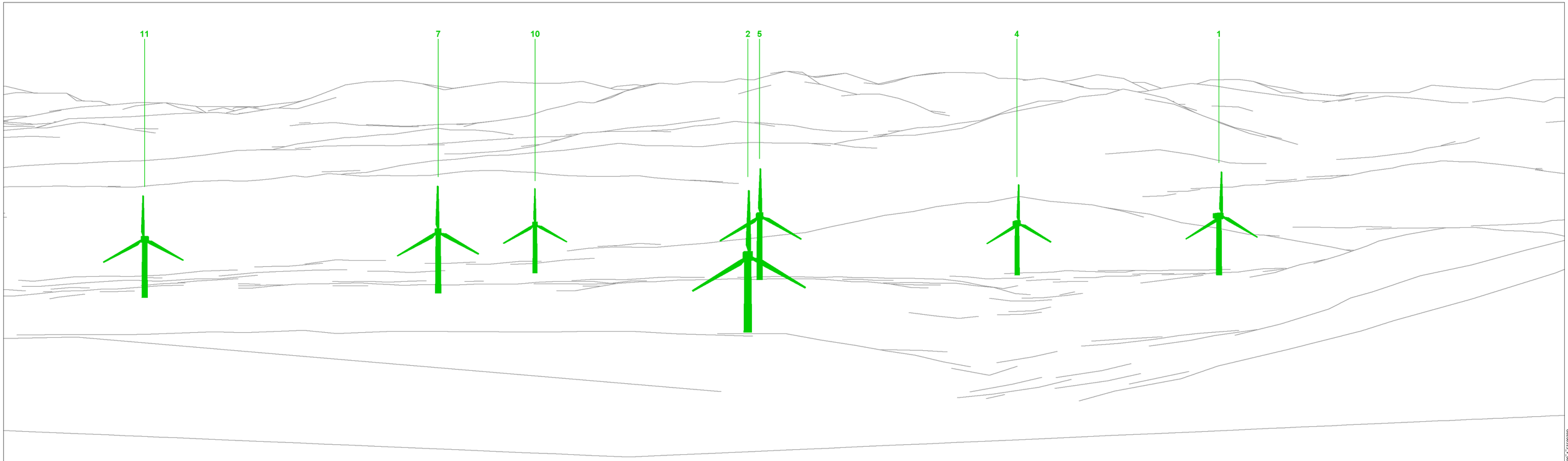

Wireline drawing 2 of 2 (Direction to centre of image 226°)
Due to the proximity of this viewpoint to the Proposed Development, the 53.5° planar projection images have been split over two pages to accommodate the horizontal extent of turbines.

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.17g Viewpoint 4: Benniner

Proposed development

VATTENFALL

natural power

OS reference:	260442E 596845N	Horizontal field of view:	53.5° (planar projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T3
Eye level:	693 m AOD	Vertical field of view:	18.2°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	2.1 km
Direction to centre of wireline:	226°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	13

G4080501_V_004_LW_F5.17.23

Photomontage 2 of 2 (Direction to centre of image: 226°)
Due to the proximity of this viewpoint to the Proposed Development, the 53.5° planar projection images have been split over two pages to accommodate the horizontal extent of turbines.

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.17h Viewpoint 4: Benniner

VATTENFALL natural power

OS reference:	260442E 596845N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T3
Eye level:	693 m AOD	Vertical field of view:	18.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	2.1 km
Direction to centre of photograph:	226°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	27/08/2021 17:00	Theoretical number of Quantans Hill hubs visible:	13

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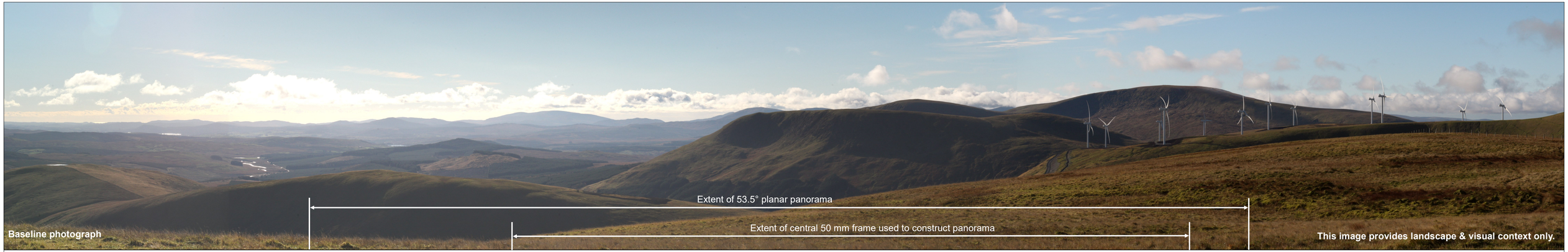
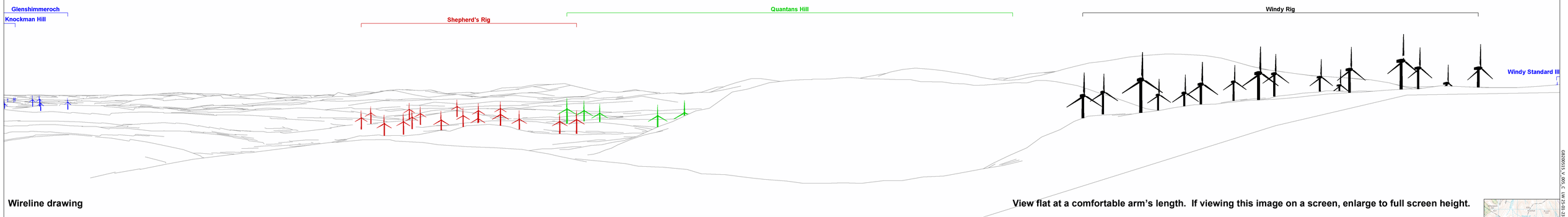




Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.18a Viewpoint 5: Alhang

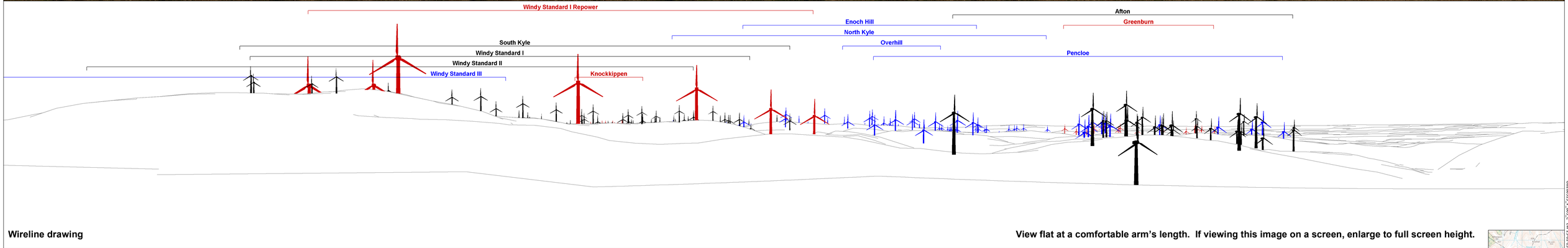
- Proposed development
- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	264231E 601026N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T3
Eye level:	648 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	6.4 km
Direction to centre of photograph:	216°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans tips visible:	5
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	04/11/2021 11:30	Theoretical number of Quantans hubs visible:	5

G:\GB\GIS\Projects\GB0305\GB0305-14\Fig 5.18.mxd 04/12/2023 14:34:23



Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.18b Viewpoint 5: Alhang

- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	264231E 601026N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	648 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	306°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	04/11/2021 11:30

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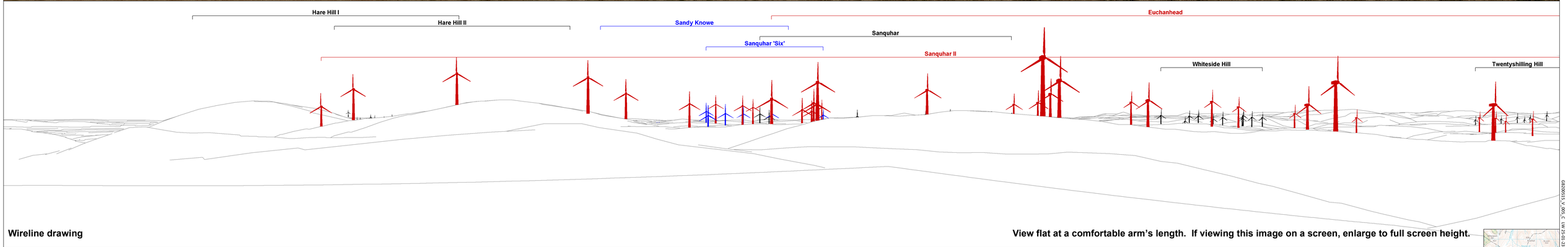

Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.18c Viewpoint 5: Alhang

- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	264231E 601026N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	648 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	36°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	04/11/2021 11:30

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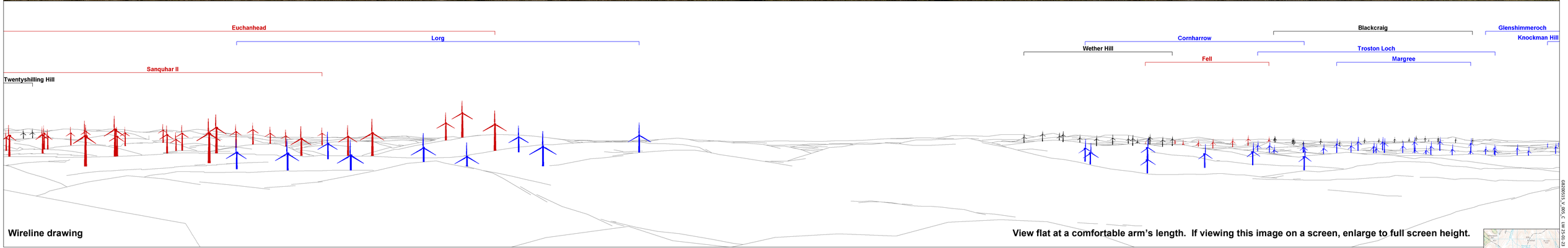

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.18d Viewpoint 5: Alhang

- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	264231E 601026N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	648 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	126°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	04/11/2021 11:30

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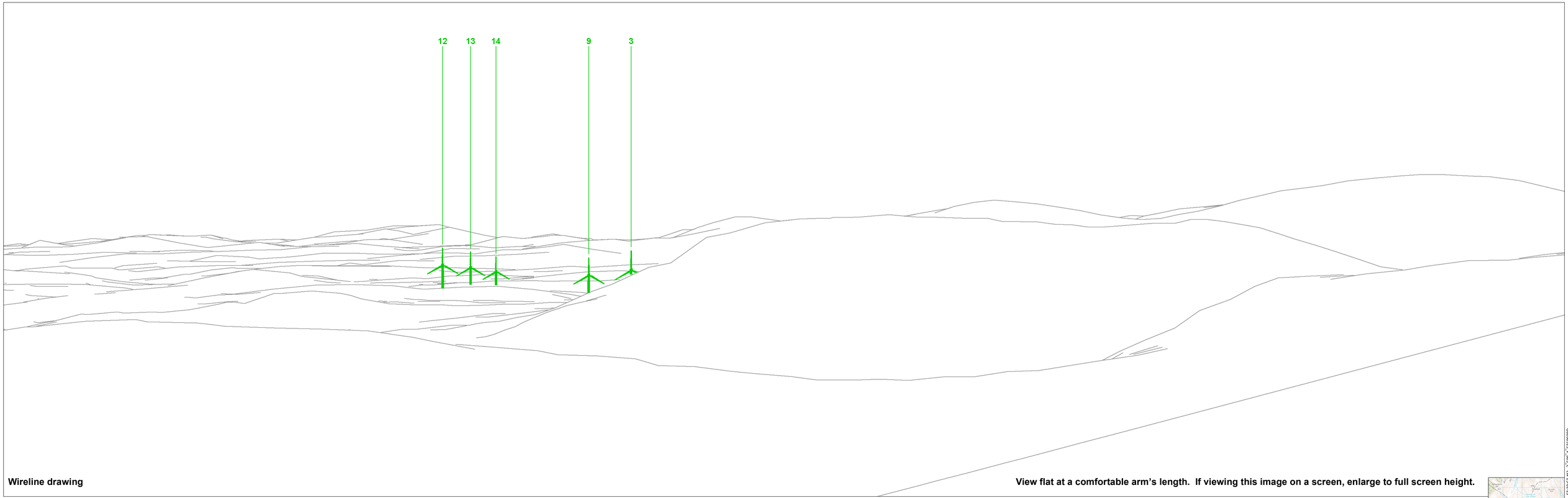

Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.18e Viewpoint 5: Alhang

Proposed development

VATTENFALL

natural power

OS reference:	264231E 601026N	Horizontal field of view:	53.5° (planar projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T3
Eye level:	648 m AOD	Vertical field of view:	18.2°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	6.4 km
Direction to centre of wireline:	216°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	5
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	5

d180951v_06c 14/12/23

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

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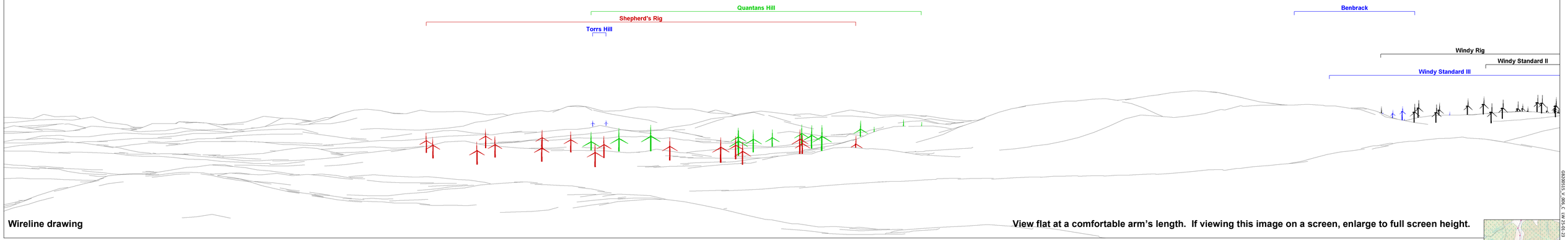
Quantans Hill Wind Farm
Figure 5.18f Viewpoint 5: Alhang

VATTENFALL

natural power

OS reference:	264231E 601026N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T3
Eye level:	648 m AOD	Vertical field of view:	18.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	6.4 km
Direction to centre of photograph:	216°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	5
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	04/11/2021 11:30	Theoretical number of Quantans Hill hubs visible:	5



View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.19a Viewpoint 6: Benbrack

- Proposed development
- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	268023E 597029N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T3
Eye level:	583 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	7.5 km
Direction to centre of photograph:	253°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans tips visible:	14
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	08/09/2021 14:13	Theoretical number of Quantans hubs visible:	11

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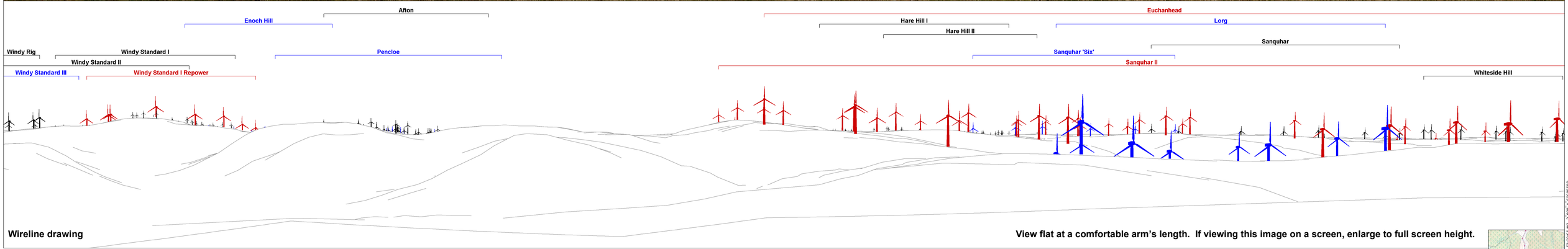

Quantans Hill Wind Farm
Figure 5.19b Viewpoint 6: Benbrack

- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	268023E 597029N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	583 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	343°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	08/09/2021 14:13

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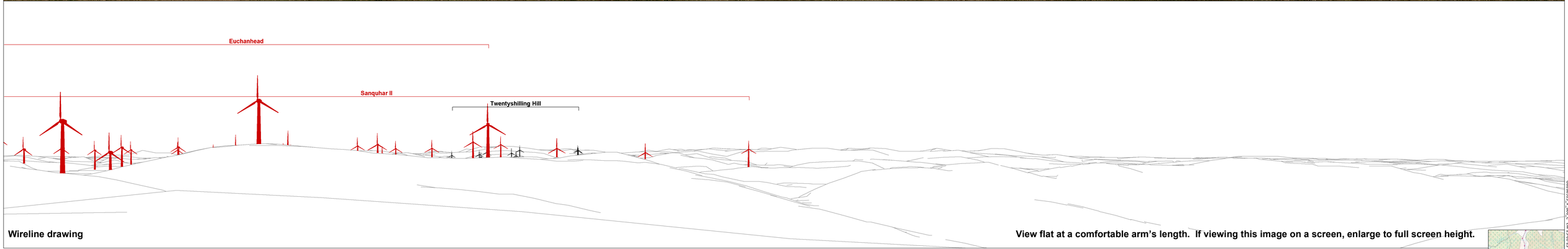

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.19c Viewpoint 6: Benbrack

- Operational/under construction wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	268023E 597029N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	583 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	73°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	08/09/2021 14:13

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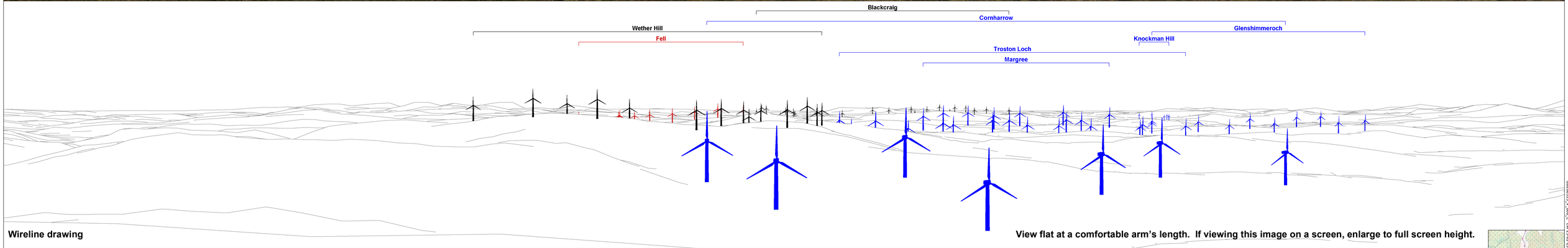

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.19d Viewpoint 6: Benbrack

- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	268023E 597029N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	583 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	163°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	08/09/2021 14:13

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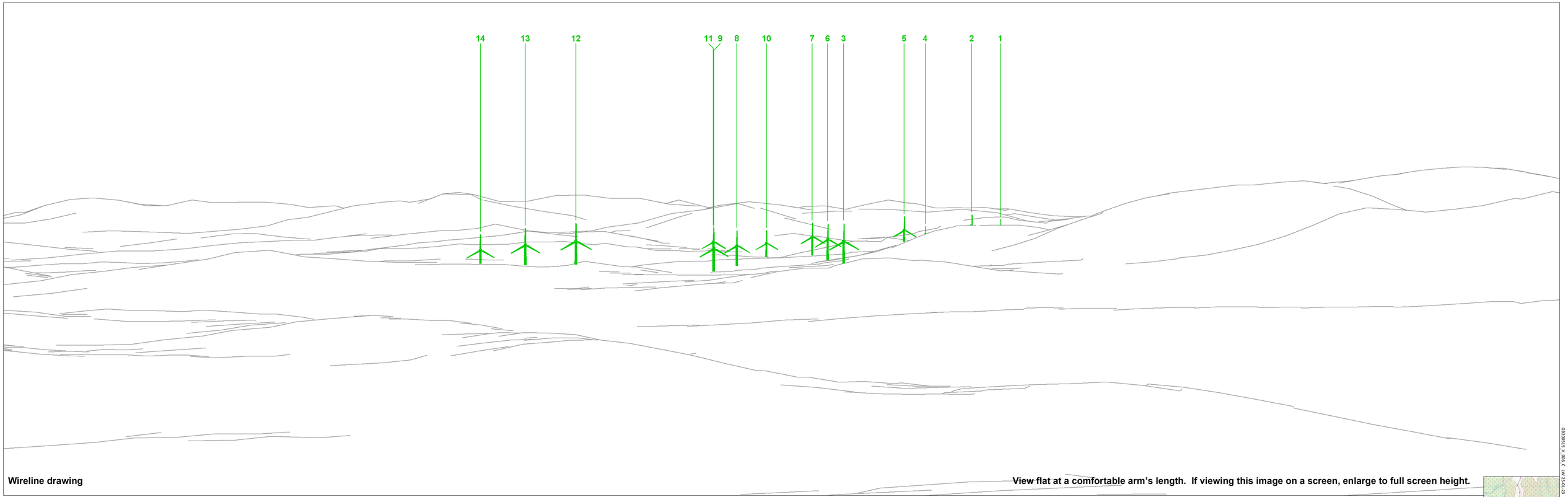

Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.19e Viewpoint 6: Benbrack

Proposed development

VATTENFALL

natural power

OS reference:	268023E 597029N	Horizontal field of view:	53.5° (planar projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T3
Eye level:	583 m AOD	Vertical field of view:	18.2°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	7.5 km
Direction to centre of wireline:	253°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	11

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Quantans Hill Wind Farm
Figure 5.19f Viewpoint 6: Benbrack

VATTENFALL

natural power

OS reference:	268023E 597029N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T3
Eye level:	583 m AOD	Vertical field of view:	18.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	7.5 km
Direction to centre of photograph:	253°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	08/09/2021 14:13	Theoretical number of Quantans Hill hubs visible:	11

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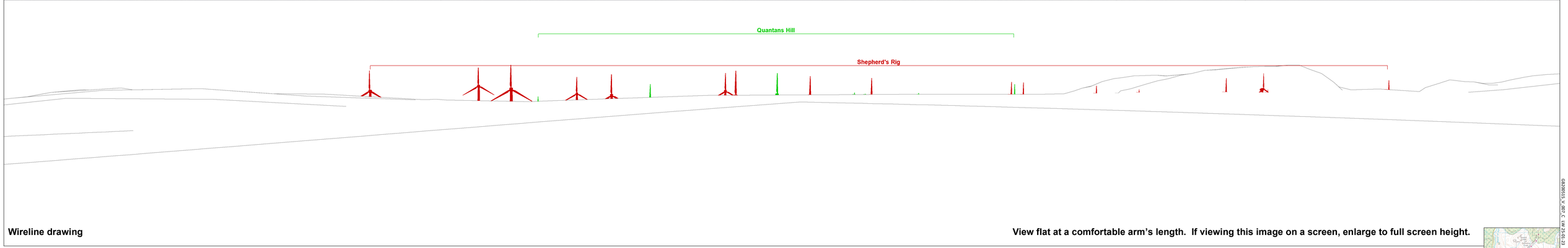

Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.20a Viewpoint 7: Southern Upland Way (NE of Stroanfreggan)

- Proposed development
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	264869E 597029N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T12
Eye level:	268 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	4 km
Direction to centre of photograph:	286°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans tips visible:	7
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	06/10/2021 13:10	Theoretical number of Quantans hubs visible:	1

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View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.20b Viewpoint 7: Southern Upland Way (NE of Stroanfreggan)

- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	264869E 597029N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	268 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	16°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	06/10/2021 13:10

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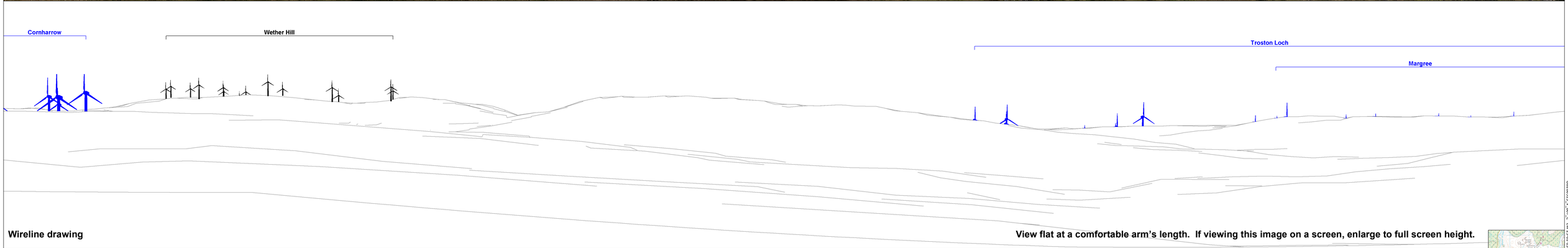

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.20c Viewpoint 7: Southern Upland Way (NE of Stroanfreggan)

- Operational/under construction wind farm
- Consented wind farm

VATTENFALL

natural power

OS reference:	264869E 597029N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	268 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	106°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	06/10/2021 13:10

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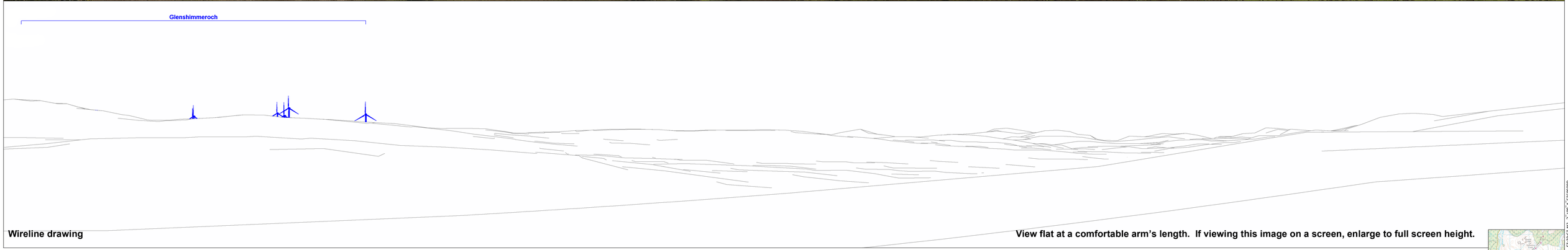

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.20d Viewpoint 7: Southern Upland Way (NE of Stroanfreggan)

Consented wind farm

VATTENFALL

natural power

OS reference:	264869E 597029N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	268 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	196°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	06/10/2021 13:10

Stroanfreggan
Shinnel
Burn
Shinnel
Bridge
Shinnel
Cottage
Shinnel
Water
Shinnel
Water
Bridge
Shinnel
Water
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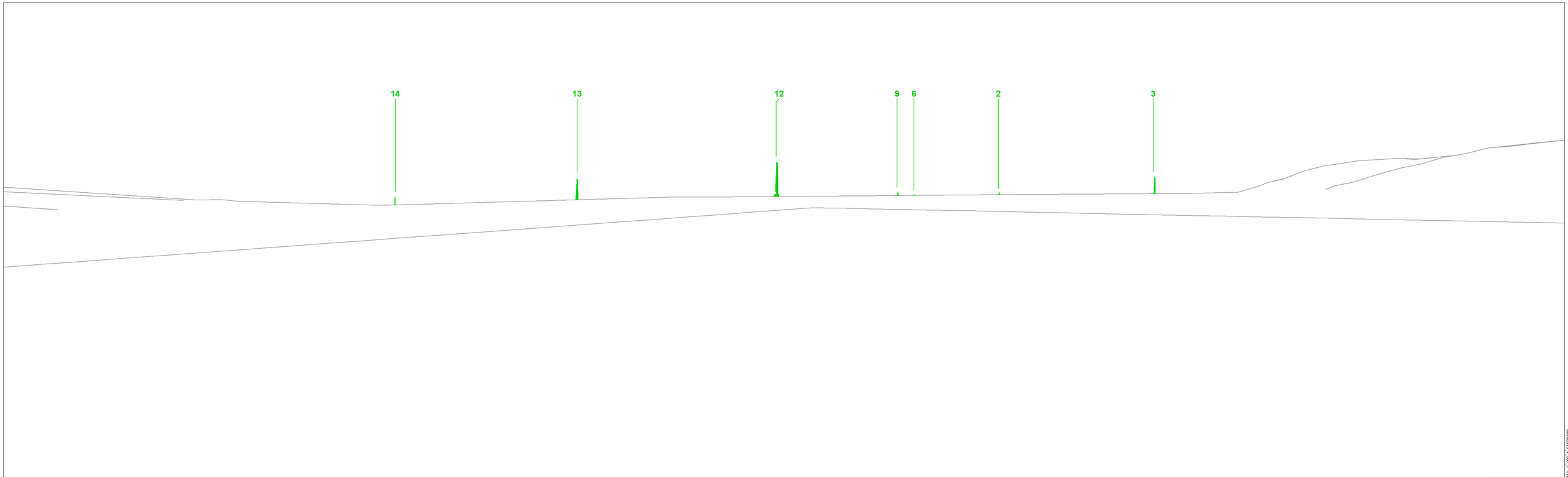
Water



Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm

Figure 5.20e Viewpoint 7: Southern Upland Way (NE of Stroanfreggan)

Proposed development

VATTENFALL

natural power

OS reference:	264869E 597029N	Horizontal field of view:	53.5° (planar projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T12
Eye level:	268 m AOD	Vertical field of view:	18.2°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	4 km
Direction to centre of wireline:	286°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	7
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	1

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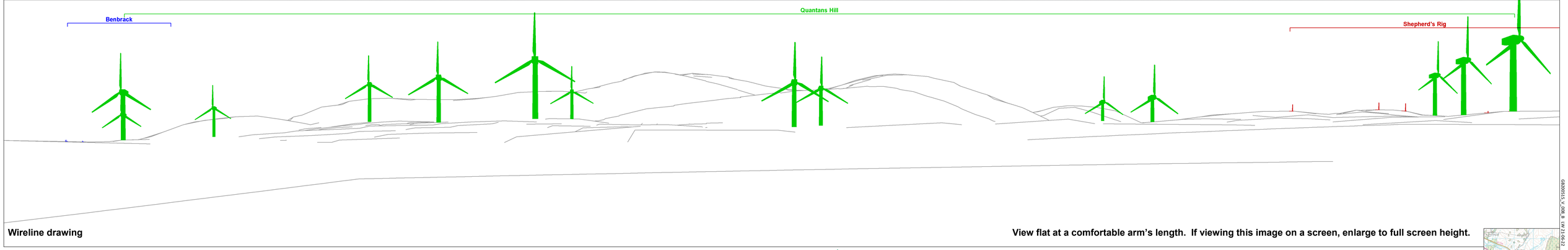
Quantans Hill Wind Farm

Figure 5.20f Viewpoint 7: Southern Upland Way (NE of Stroanfreggan)

OS reference:	264869E 597029N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T12
Eye level:	268 m AOD	Vertical field of view:	18.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	4 km
Direction to centre of photograph:	286°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	7
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	06/10/2021 13:10	Theoretical number of Quantans Hill hubs visible:	1

GA090519_V_007_C_LW_HA_13



Quantans Hill Wind Farm
Figure 5.21a Viewpoint 8: B729 Road (South East of Carsphairn)

- Proposed development
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	259390E 592030N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T2
Eye level:	164 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	1.5 km
Direction to centre of photograph:	7°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans tips visible:	14
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	06/10/2021 17:10	Theoretical number of Quantans hubs visible:	12

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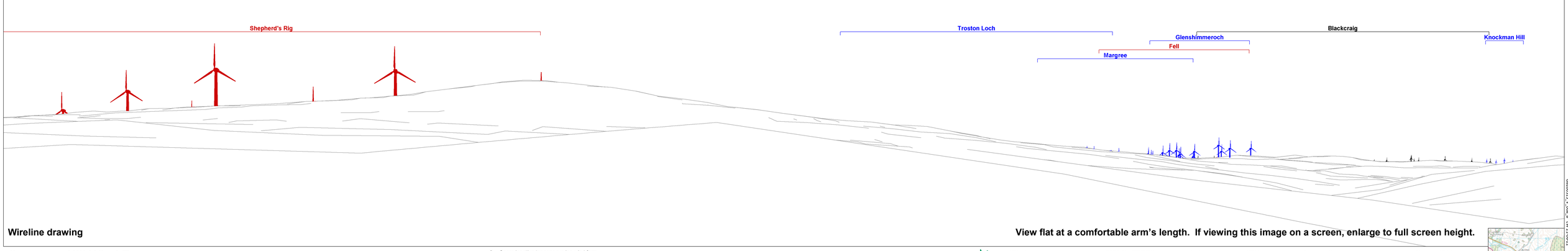
G4800514_v008 © 14/10/22



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Quantans Hill Wind Farm
Figure 5.21b Viewpoint 8: B729 Road (South East of Carsphairn)

- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	259390E 592030N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	164 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	97°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	06/10/2021 17:10

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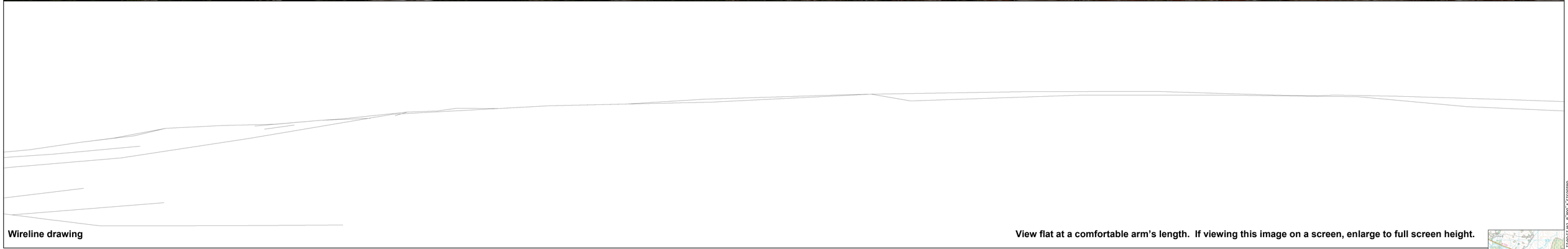

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.21c Viewpoint 8: B729 Road (South East of Carsphairn)

VATTENFALL

natural power

OS reference:	259390E 592030N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	164 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	187°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	06/10/2021 17:10

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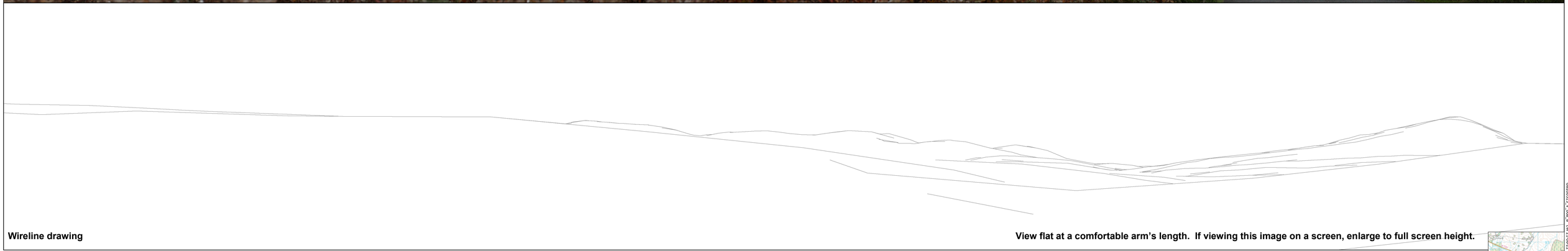

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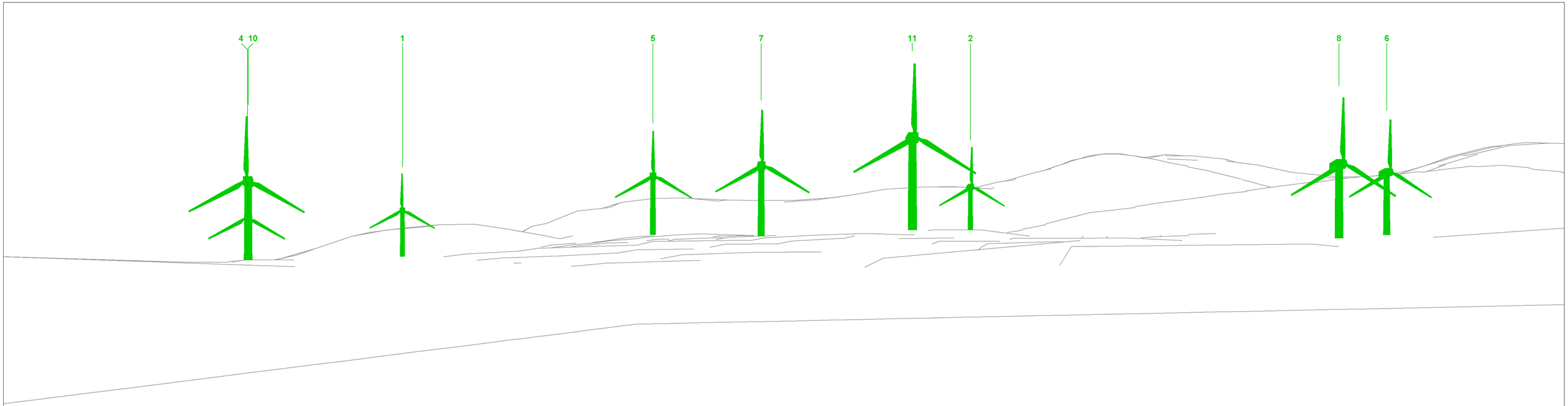
Quantans Hill Wind Farm

Figure 5.21d Viewpoint 8: B729 Road (South East of Carsphairn)

VATTENFALL

natural power

OS reference:	259390E 592030N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	164 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	277°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	06/10/2021 17:10



Wireline drawing 1 of 2 (Direction to centre of image: 347°)

Due to the proximity of this viewpoint to the Proposed Development, the 53.5° planar projection images have been split over two pages to accommodate the horizontal extent of turbines.

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm

Figure 5.21e Viewpoint 8: B729 Road (South East of Carsphairn)

Proposed development

VATTENFALL

natural power

OS reference:	259390E 592030N	Horizontal field of view:	53.5° (planar projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T14
Eye level:	164 m AOD	Vertical field of view:	18.2°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	1.4 km
Direction to centre of wireline:	347°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	14

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G4800514_v.006 (A1) 04.04.23

Photomontage 1 of 2 (Direction to centre of image: 347°)

Due to the proximity of this viewpoint to the Proposed Development, the 53.5° planar projection images have been split over two pages to accommodate the horizontal extent of turbines.

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

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Quantans Hill Wind Farm

Figure 5.21f Viewpoint 8: B729 Road (South East of Carsphairn)

VATTENFALL

natural power

OS reference:	259390E 592030N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T14
Eye level:	164 m AOD	Vertical field of view:	18.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	1.4 km
Direction to centre of photograph:	347°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	06/10/2021 17:10	Theoretical number of Quantans Hill hubs visible:	14

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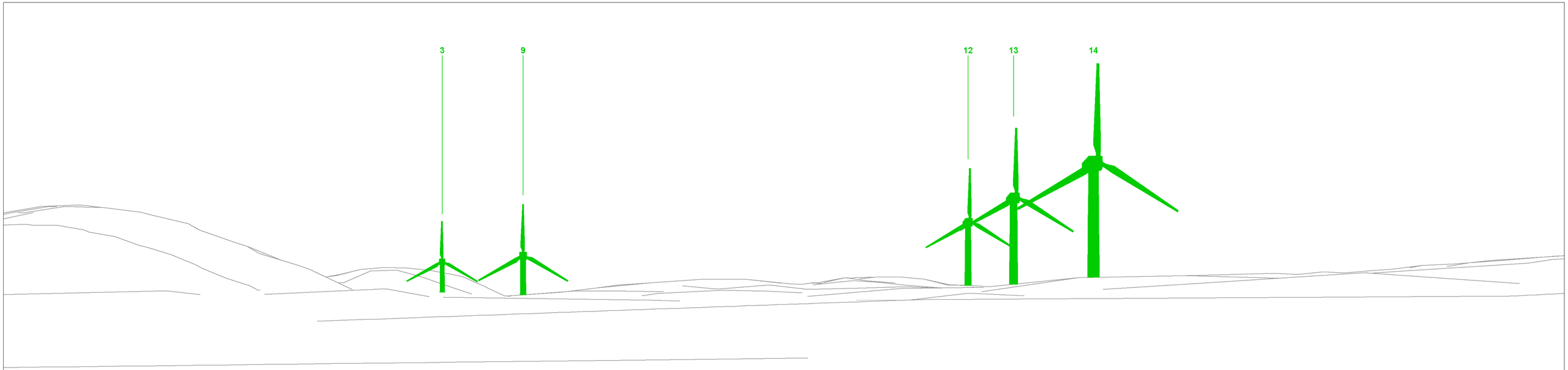

Wireline drawing 2 of 2 (Direction to centre of image: 37°)

Due to the proximity of this viewpoint to the Proposed Development, the 53.5° planar projection images have been split over two pages to accommodate the horizontal extent of turbines.

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm

Figure 5.21g Viewpoint 8: B729 Road (South East of Carsphairn)

Proposed development

VATTENFALL

natural power

OS reference:	259390E 592030N	Horizontal field of view:	53.5° (planar projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T14
Eye level:	164 m AOD	Vertical field of view:	18.2°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	1.4 km
Direction to centre of wireline:	37°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	14

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G6800512_v.006 © 14/10/22

Photomontage 2 of 2 (Direction to centre of image: 37°)

Due to the proximity of this viewpoint to the Proposed Development, the 53.5° planar projection images have been split over two pages to accommodate the horizontal extent of turbines.

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.21h Viewpoint 8: B729 Road (South East of Carsphairn)

VATTENFALL

natural power

OS reference:	259390E 592030N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T14
Eye level:	164 m AOD	Vertical field of view:	18.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	1.4 km
Direction to centre of photograph:	37°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	06/10/2021 17:10	Theoretical number of Quantans Hill hubs visible:	14

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Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.22a Viewpoint 9: Minor Road between A713 and B729

- Proposed development
- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	260452E 590750N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T14
Eye level:	167 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	2.2 km
Direction to centre of photograph:	344°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans tips visible:	14
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	08/09/2021 18:03	Theoretical number of Quantans hubs visible:	14

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View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

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Quantans Hill Wind Farm
Figure 5.22b Viewpoint 9: Minor Road between A713 and B729

- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	260452E 590750N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	167 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	74°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	08/09/2021 18:03

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View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.22c Viewpoint 9: Minor Road between A713 and B729

- Operational/under construction wind farm
- Consented wind farm

OS reference:	260452E 590750N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	167 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	164°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	08/09/2021 18:03

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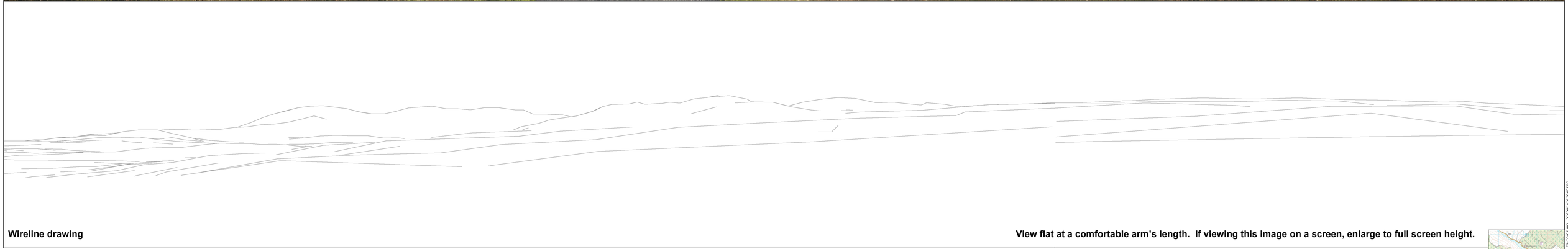

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.22d Viewpoint 9: Minor Road between A713 and B729

VATTENFALL

natural power

OS reference:	260452E 590750N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	167 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	254°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	08/09/2021 18:03

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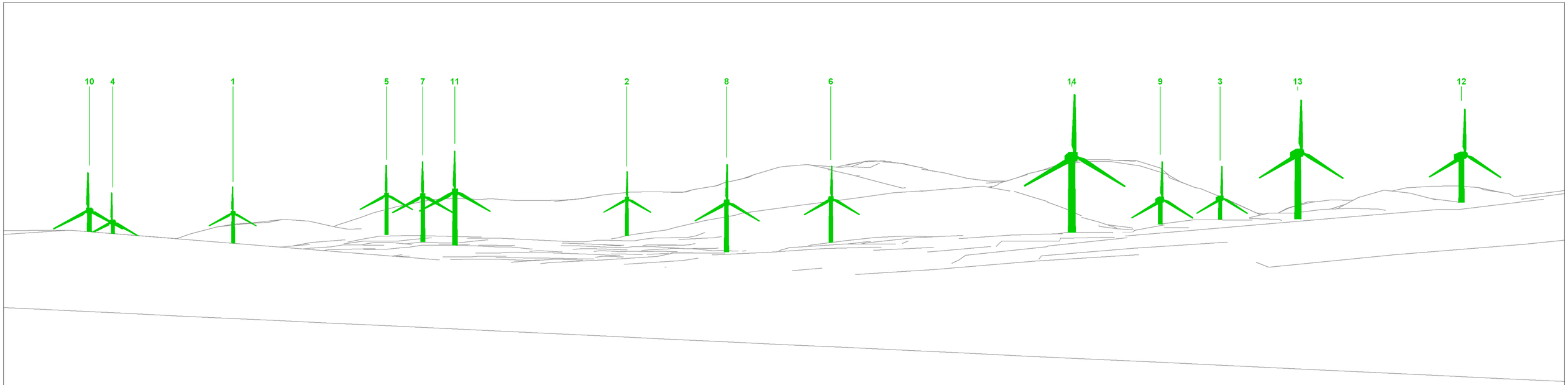


Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.22e Viewpoint 9: Minor Road between A713 and B729

Proposed development

VATTENFALL

natural power

OS reference:	260452E 590750N	Horizontal field of view:	53.5° (planar projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T14
Eye level:	167 m AOD	Vertical field of view:	18.2°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	2.2 km
Direction to centre of wireline:	344°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	14

G4080551_V_006_LW 24.04.23

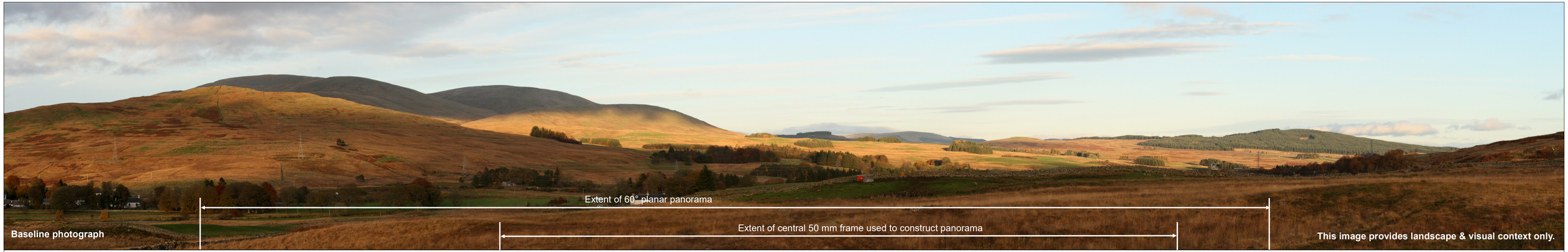
Quantans Hill Wind Farm
Figure 5.22f Viewpoint 9: Minor Road between A713 and B729

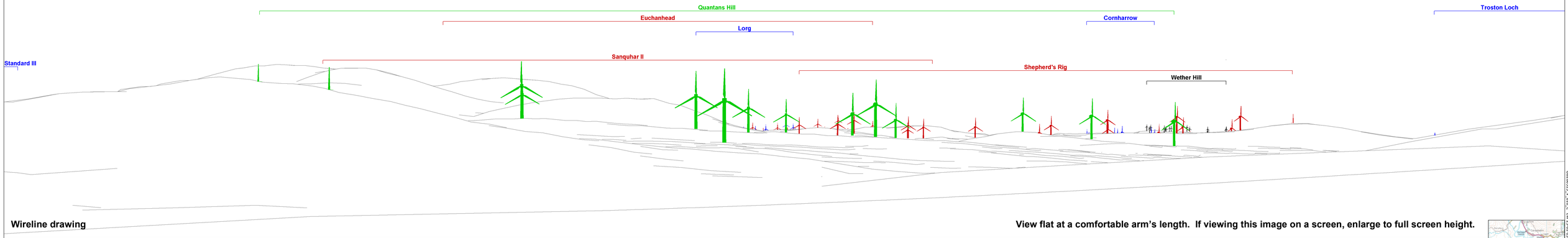
VATTENFALL

natural power

OS reference:	260452E 590750N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T14
Eye level:	167 m AOD	Vertical field of view:	18.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	2.2 km
Direction to centre of photograph:	344°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	08/09/2021 18:03	Theoretical number of Quantans Hill hubs visible:	14

d180951-V_006_LW 14-Feb-23





View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.23a Viewpoint 10: Cairn Avel

- Proposed development
- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	255949E 592462N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T10
Eye level:	207 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	2.7 km
Direction to centre of photograph:	61°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans tips visible:	14
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	04/11/2021 15:30	Theoretical number of Quantans hubs visible:	12

G0805LV_006_Ltr_Fig5.23

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

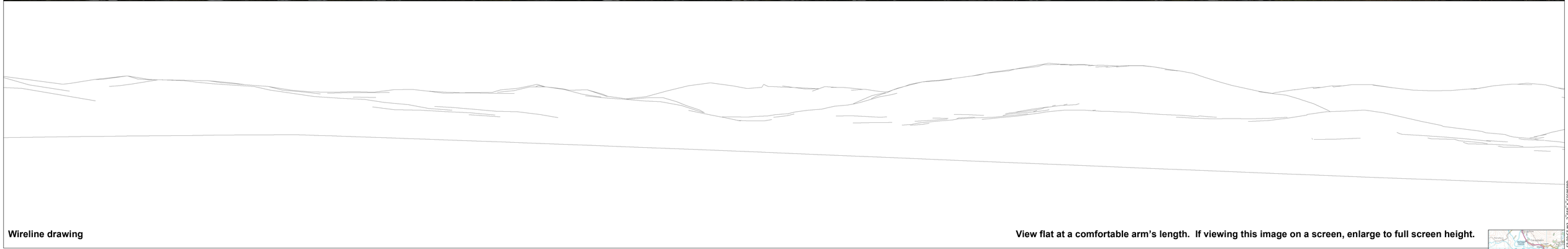
Quantans Hill Wind Farm
Figure 5.23b Viewpoint 10: Cairn Avel

VATTENFALL

natural power

OS reference:	255949E 592462N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	207 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	151°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	04/11/2021 15:30

G4080515_V_004_LW 24.04.23



View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.23c Viewpoint 10: Cairn Avel

VATTENFALL

natural power

OS reference:	255949E 592462N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	207 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	241°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	04/11/2021 15:30

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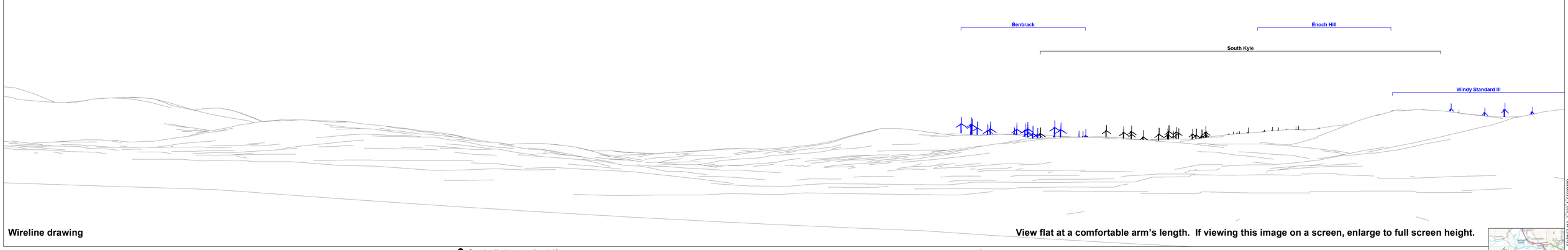


Operational/under construction wind farm
Consented wind farm

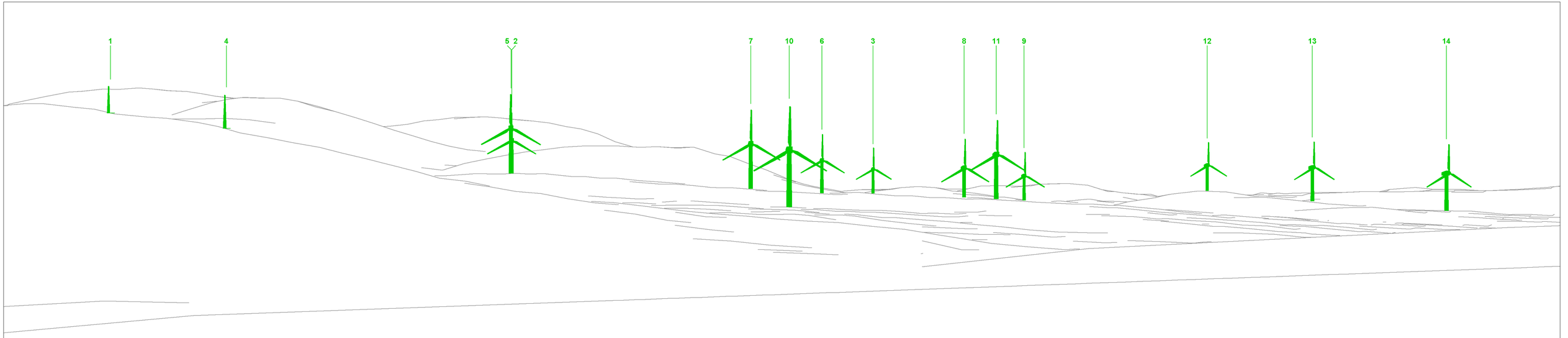
Quantans Hill Wind Farm
Figure 5.23d Viewpoint 10: Cairn Avel

VATTENFALL

natural power

OS reference:	255949E 592462N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	207 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	331°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	04/11/2021 15:30

d240561x_v_004_ uk 24.04.23



Wireline drawing

Due to the proximity of this viewpoint to the Proposed Development, all 53.5° planar projection images have been extended to 60° to accommodate the horizontal extent of turbines.

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Proposed development

Quantans Hill Wind Farm
Figure 5.23e Viewpoint 10: Cairn Avel

VATTENFALL

natural power

OS reference:	255949E 592462N	Horizontal field of view:	60° (planar projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T10
Eye level:	207 m AOD	Vertical field of view:	18.2°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	2.7 km
Direction to centre of wireline:	61°	Paper size:	945 x 297 mm	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	920 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	12

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GB0001_V_006 2 v2.0 01

Photomontage
Due to the proximity of this viewpoint to the Proposed Development, all 53.5° planar projection images have been extended to 60° to accommodate the horizontal extent of turbines.

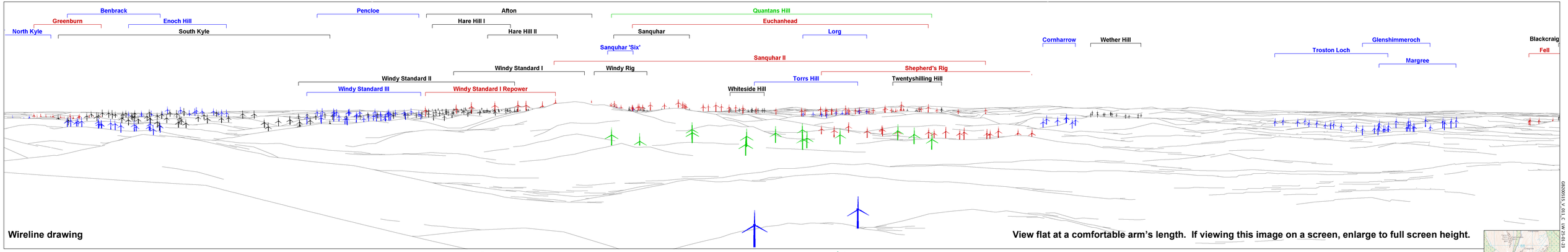
View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.23f Viewpoint 10: Cairn Avel

VATTENFALL natural power

OS reference:	255949E 592462N	Horizontal field of view:	60° (planar projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T10
Eye level:	207 m AOD	Vertical field of view:	18.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	2.7 km
Direction to centre of photograph:	61°	Paper size:	945 x 297 mm	Camera height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	920 x 260 mm	Date and time of photograph:	04/11/2021 15:30	Theoretical number of Quantans Hill hubs visible:	12

GA060614_V_006 C_Viz 2-0-13



Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.24a Viewpoint 11: Corserine (Scar of the Folk)

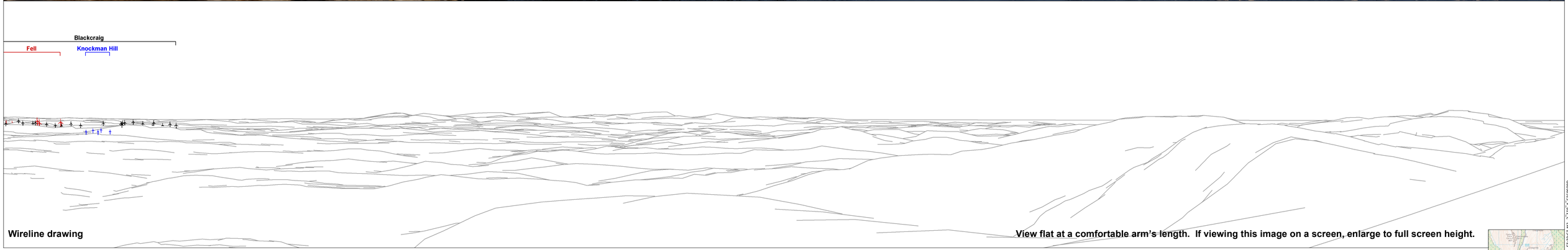
- Proposed development
- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	250445E 587285N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T10
Eye level:	798 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	10.2 km
Direction to centre of photograph:	52°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans tips visible:	14
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	05/12/2021 15:00	Theoretical number of Quantans hubs visible:	14

GB09551v_V10_C_14.04.23



View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.24b Viewpoint 11: Corserine (Scar of the Folk)

- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	250445E 587285N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	798 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	142°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	05/12/2021 15:00

G4080501_v_101_C_LW_5.24.23

Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.24c Viewpoint 11: Corserine (Scar of the Folk)

VATTENFALL

natural power

OS reference:	250445E 587285N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	798 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	232°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	05/12/2021 15:00

G0808514_V_101_C_LW_24_04_23

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

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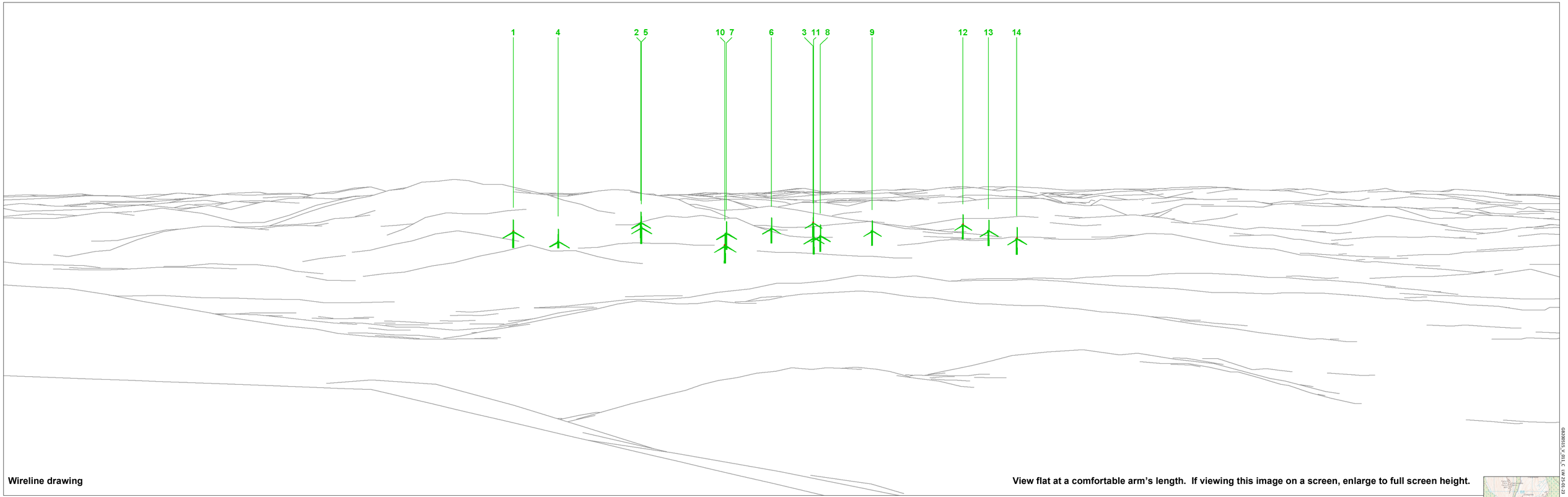
Quantans Hill Wind Farm
Figure 5.24d Viewpoint 11: Corserine (Scar of the Folk)

- Operational/under construction wind farm
- Consented wind farm

VATTENFALL

natural power

OS reference:	250445E 587285N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	798 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	322°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	05/12/2021 15:00



Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.24e Viewpoint 11: Corserine (Scar of the Folk)

Proposed development

Aviation Lighting
medium intensity (2000 candela)

VATTENFALL

natural power

OS reference:	250445E 587285N	Horizontal field of view:	53.5° (planar projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T10
Eye level:	798 m AOD	Vertical field of view:	18.2°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	10.2 km
Direction to centre of wireline:	52°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	14

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View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.24f Viewpoint 11: Corserine (Scar of the Folk)

VATTENFALL

natural power

OS reference:	250445E 587285N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T10
Eye level:	798 m AOD	Vertical field of view:	18.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	10.2 km
Direction to centre of photograph:	52°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	05/12/2021 15:00	Theoretical number of Quantans Hill hubs visible:	14

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Photomontage (NB. the intensity of lighting is estimated and for illustration only)

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

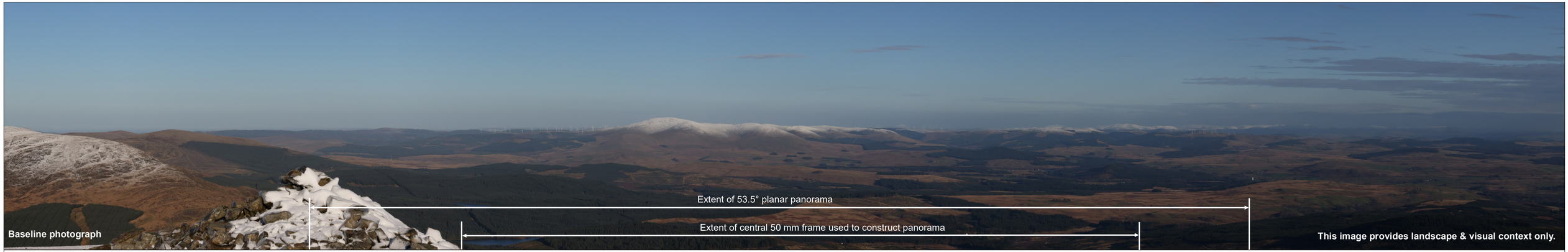
Quantans Hill Wind Farm
Figure 5.24g Viewpoint 11: Corserine (Scar of the Folk)

VATTENFALL

natural power

OS reference:	250445E 587285N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T10
Eye level:	798 m AOD	Vertical field of view:	18.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	10.2 km
Direction to centre of photograph:	52°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	05/12/2021 15:00	Theoretical number of Quantans Hill hubs visible:	14

d180515LV_01.1_LW 24.04.23



Quantans Hill Wind Farm
Figure 5.25a Viewpoint 12: Meikle Millyea

- Proposed development
- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	251840E 582891N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T10
Eye level:	745 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	12.7 km
Direction to centre of photograph:	34°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans tips visible:	14
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	05/12/2021 11:30	Theoretical number of Quantans hubs visible:	14

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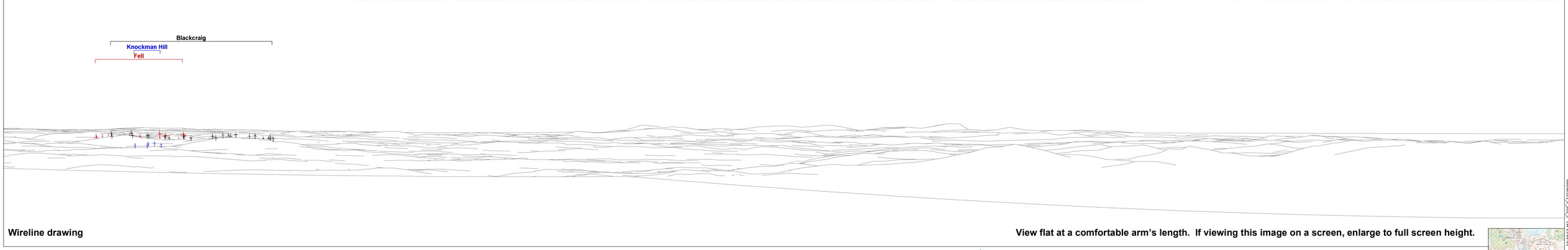

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.25b Viewpoint 12: Meikle Millyea

- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	251840E 582891N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	745 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	124°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	05/12/2021 11:30

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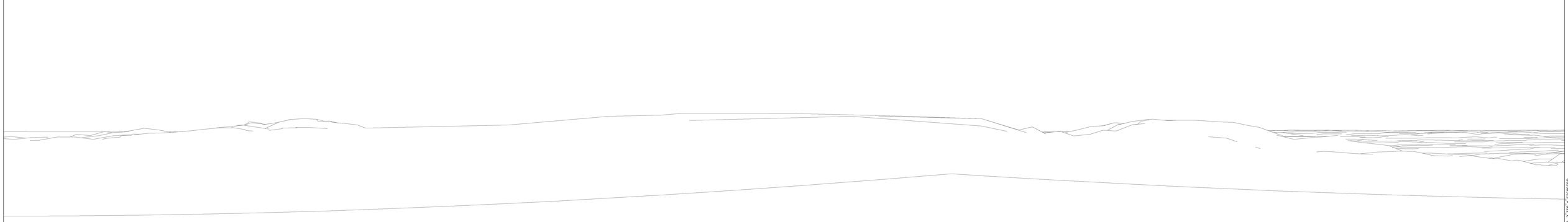

Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

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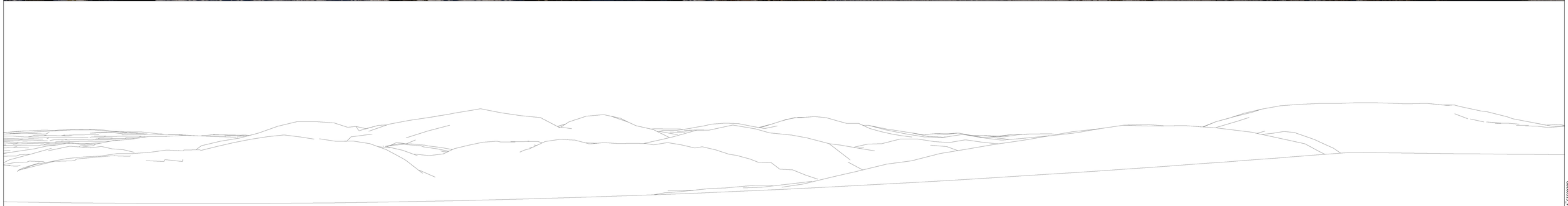
Quantans Hill Wind Farm
Figure 5.25c Viewpoint 12: Meikle Millyea

VATTENFALL

natural power

OS reference:	251840E 582891N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	745 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	214°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	05/12/2021 11:30



Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.25d Viewpoint 12: Meikle Millyea

VATTENFALL

natural power

OS reference:	251840E 582891N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	745 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	304°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
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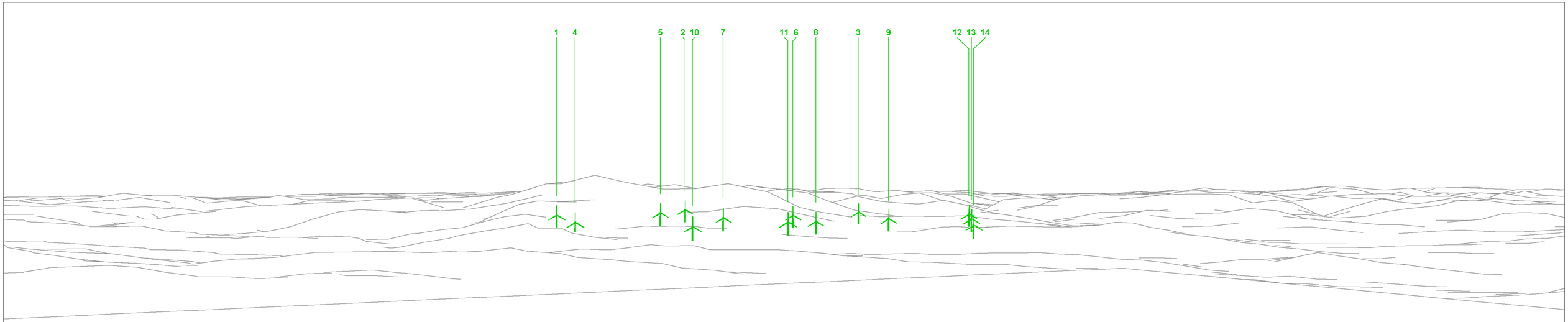

Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.25e Viewpoint 12: Meikle Millyea

Proposed development

VATTENFALL

natural power

OS reference:	251840E 582891N	Horizontal field of view:	53.5° (planar projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T10
Eye level:	745 m AOD	Vertical field of view:	18.2°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	12.7 km
Direction to centre of wireline:	34°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	14

G0806514_v_001_C_14-Feb-23

Quantans Hill Wind Farm
Figure 5.25f Viewpoint 12: Meikle Millyea

VATTENFALL

natural power

OS reference:	251840E 582891N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T10
Eye level:	745 m AOD	Vertical field of view:	18.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	12.7 km
Direction to centre of photograph:	34°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	05/12/2021 11:30	Theoretical number of Quantans Hill hubs visible:	14

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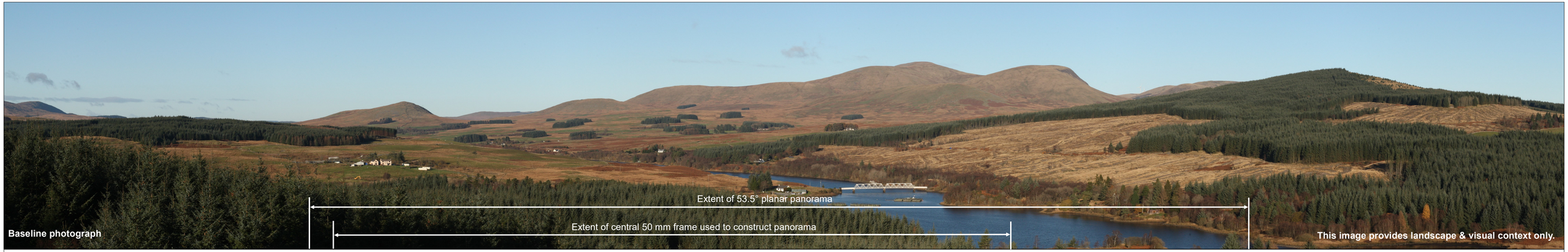
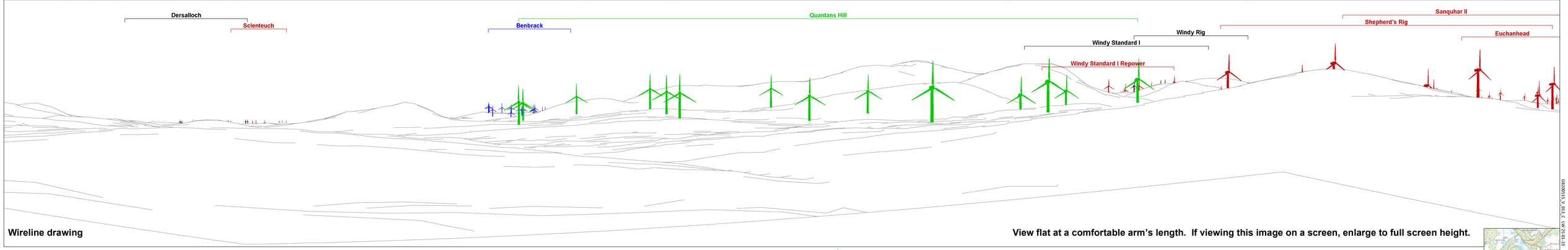




View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.26a Viewpoint 13: Dundeugh

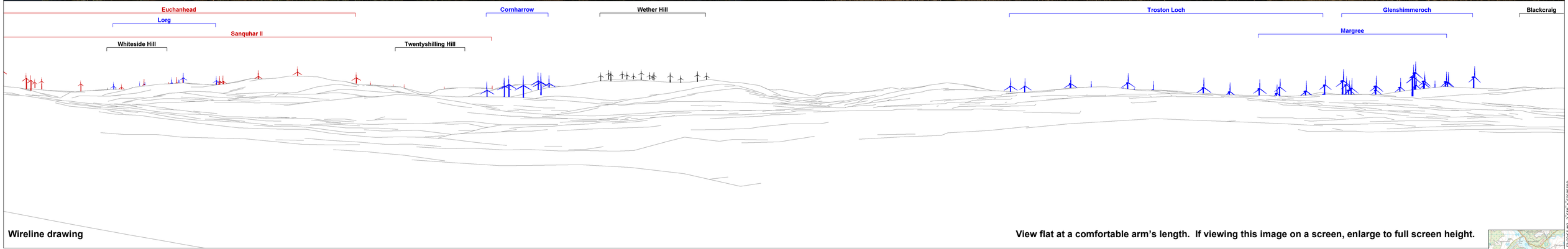
- Proposed development
- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	260968E 589738N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T14
Eye level:	223 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	3.3 km
Direction to centre of photograph:	342°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans tips visible:	14
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	21/11/2021 11:30	Theoretical number of Quantans hubs visible:	14

GB08561_V_013_C_UK3143



View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.26b Viewpoint 13: Dundeugh

- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	260968E 589738N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	223 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	72°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	21/11/2021 11:30

G:\8085\LV_01\LV_13\F13.23

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.26c Viewpoint 13: Dundeugh

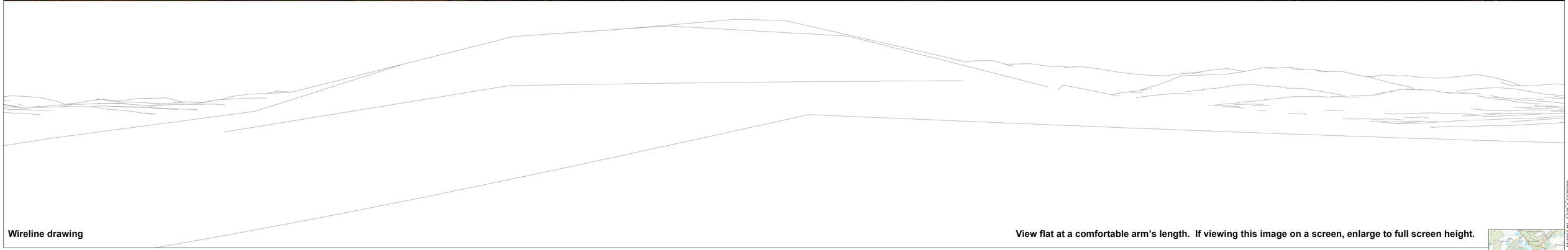
● Operational/under construction wind farm

VATTENFALL

natural power

OS reference:	260968E 589738N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	223 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	162°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	21/11/2021 11:30

G4080501_V_01_C_LW_2526.23



View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

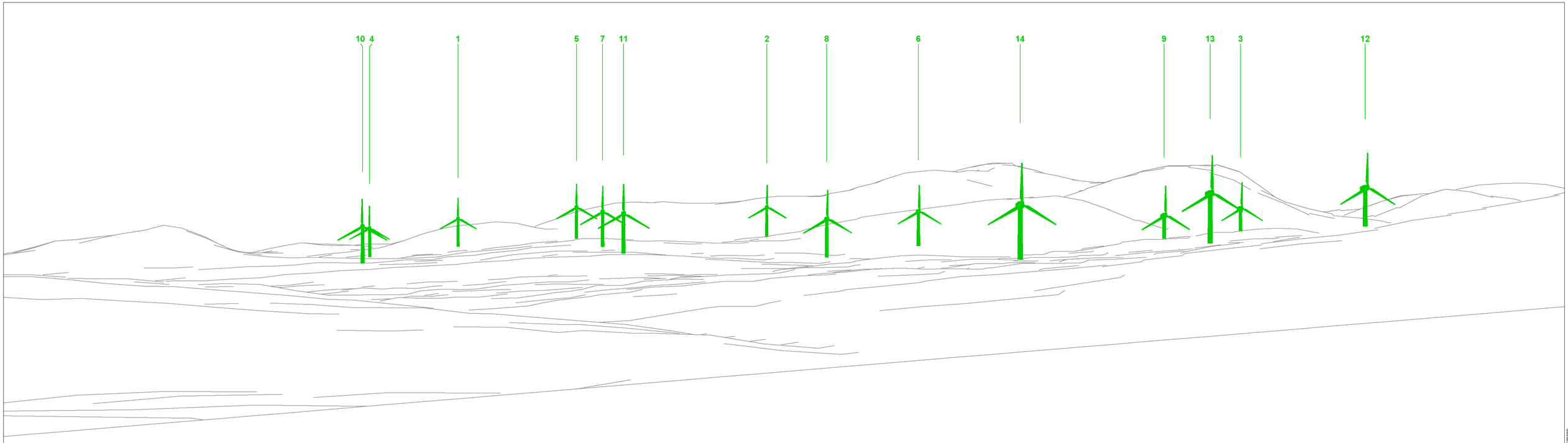
Quantans Hill Wind Farm
Figure 5.26d Viewpoint 13: Dundeugh

VATTENFALL

natural power

OS reference:	260968E 589738N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	223 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	252°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	21/11/2021 11:30

G4080501_v_0.1_ LW 21.01.23



Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.26e Viewpoint 13: Dundeugh

Proposed development

VATTENFALL

natural power

OS reference:	260968E 589738N	Horizontal field of view:	53.5° (planar projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T14
Eye level:	223 m AOD	Vertical field of view:	18.2°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	3.3 km
Direction to centre of wireline:	342°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	14

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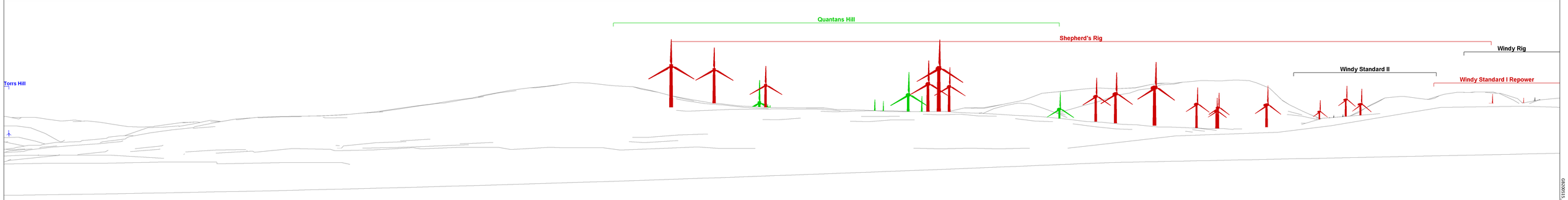
Quantans Hill Wind Farm
Figure 5.26f Viewpoint 13: Dundeugh

VATTENFALL

natural power

OS reference:	260968E 589738N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T14
Eye level:	223 m AOD	Vertical field of view:	18.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	3.3 km
Direction to centre of photograph:	342°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	21/11/2021 11:30	Theoretical number of Quantans Hill hubs visible:	14

GA0065LV_01LC_LW_FA5.23



Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.27a Viewpoint 14: Stroanfreggan Cairn

- Proposed development
- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	264016E 591423N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T12
Eye level:	196 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	3.8 km
Direction to centre of photograph:	303°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans tips visible:	8
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	06/10/2021 15:30	Theoretical number of Quantans hubs visible:	3

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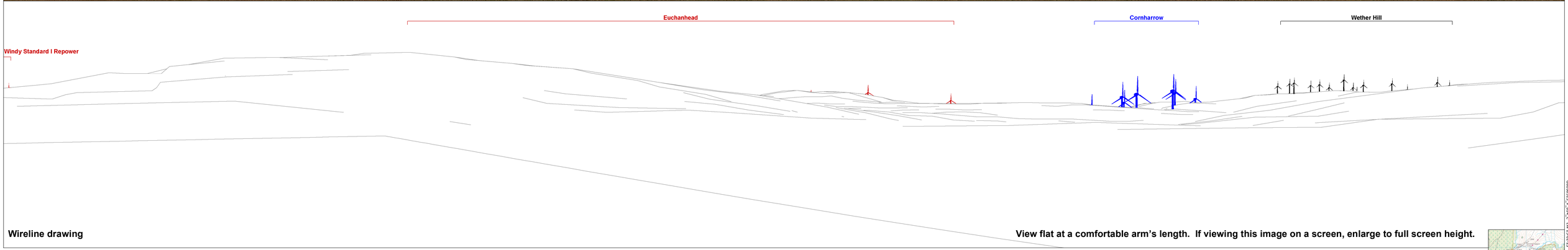


View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.27b Viewpoint 14: Stroanfreggan Cairn

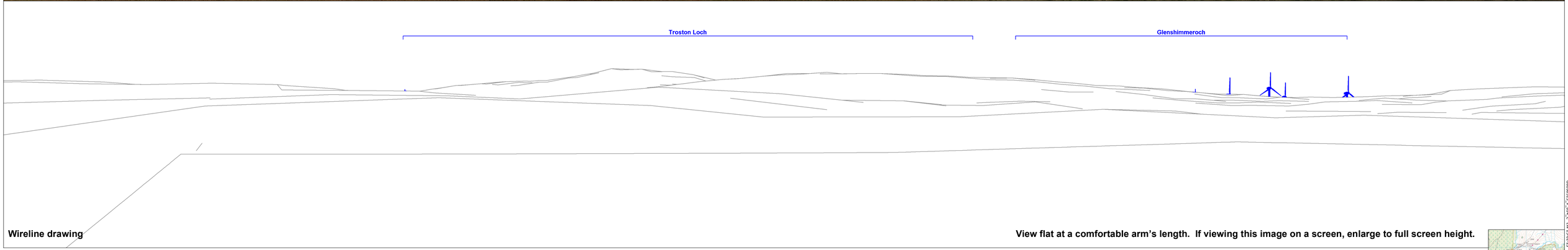
- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	264016E 591423N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	196 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	33°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	06/10/2021 15:30

G4080515_V_04-C_UK1516.23



View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.27c Viewpoint 14: Stroanfreggan Cairn

Consented wind farm

VATTENFALL

natural power

OS reference:	264016E 591423N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	196 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	123°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	06/10/2021 15:30

G4080515_V_04.1_LW 24.04.23

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.27d Viewpoint 14: Stroanfreggan Cairn

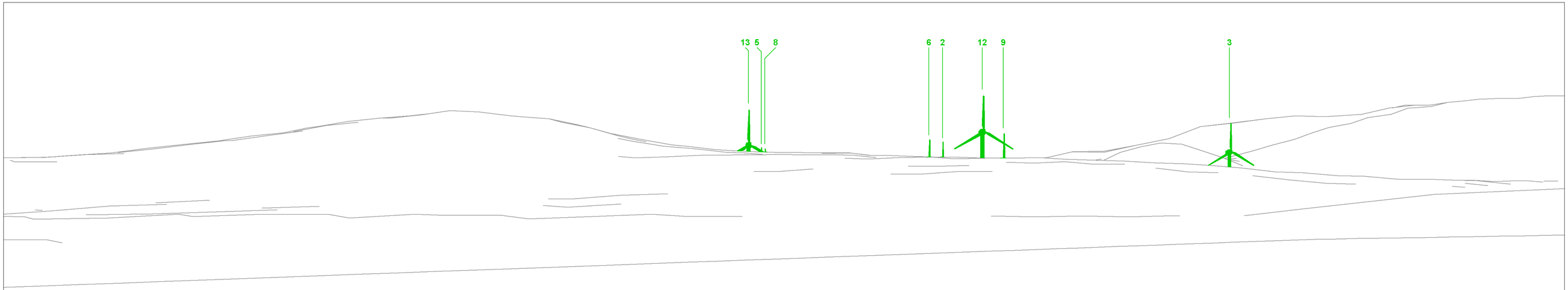
Consented wind farm

VATTENFALL

natural power

OS reference:	264016E 591423N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	196 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	213°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	06/10/2021 15:30

G4280515_v_04.c_LW 21-01-23



Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.27e Viewpoint 14: Stroanfreggan Cairn

Proposed development

VATTENFALL

natural power

OS reference:	264016E 591423N	Horizontal field of view:	53.5° (planar projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T12
Eye level:	196 m AOD	Vertical field of view:	18.2°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	3.8 km
Direction to centre of wireline:	303°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	8
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	3

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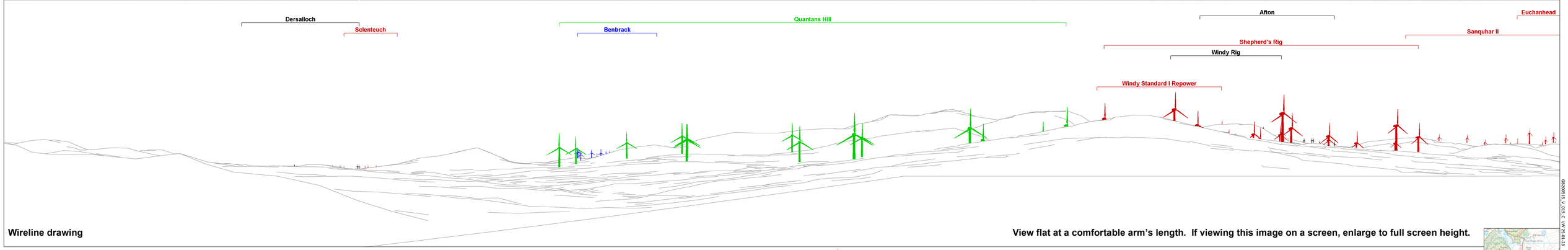
Quantans Hill Wind Farm
Figure 5.27f Viewpoint 14: Stroanfreggan Cairn

VATTENFALL

natural power

OS reference:	264016E 591423N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T12
Eye level:	196 m AOD	Vertical field of view:	18.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	3.8 km
Direction to centre of photograph:	303°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	8
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	06/10/2021 15:30	Theoretical number of Quantans Hill hubs visible:	3

GA0051LV_04-C LW 14-01-23



View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.28a Viewpoint 15: B7000 Road (South of High Bridge of Ken)

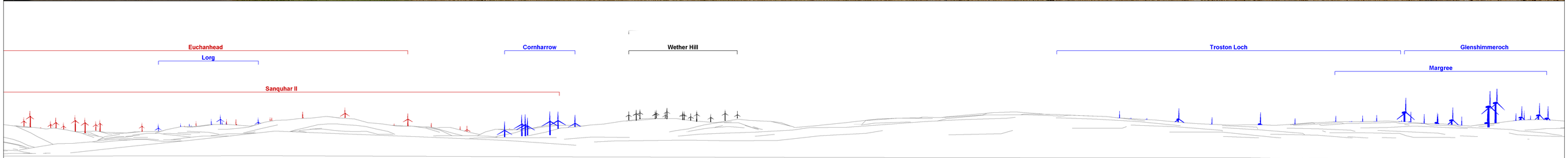
- Proposed development
- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	261841E 589276N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T14
Eye level:	212 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	4.0 km
Direction to centre of photograph:	335°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans tips visible:	14
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	08/09/2021 16:56	Theoretical number of Quantans hubs visible:	12

GH589276_V_015_C_14-Feb-23



Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.28b Viewpoint 15: B7000 Road (South of High Bridge of Ken)

- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	261841E 589276N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	212 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	65°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	08/09/2021 16:56

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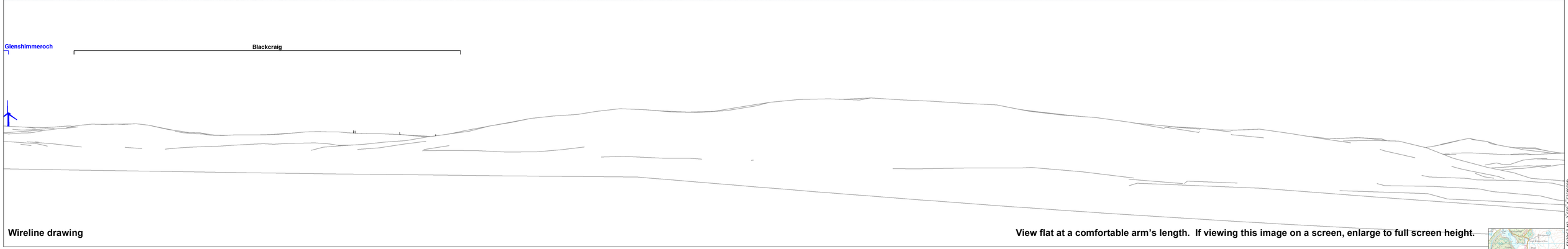

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

G4280615-V_04-C_14-Jul-23

Quantans Hill Wind Farm
Figure 5.28c Viewpoint 15: B7000 Road (South of High Bridge of Ken)

- Operational/under construction wind farm
- Consented wind farm

VATTENFALL

natural power

OS reference:	261841E 589276N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	212 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	155°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	08/09/2021 16:56

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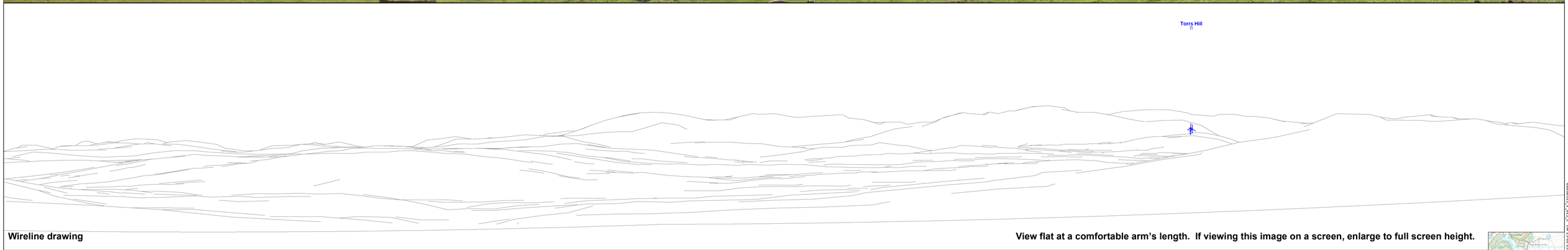


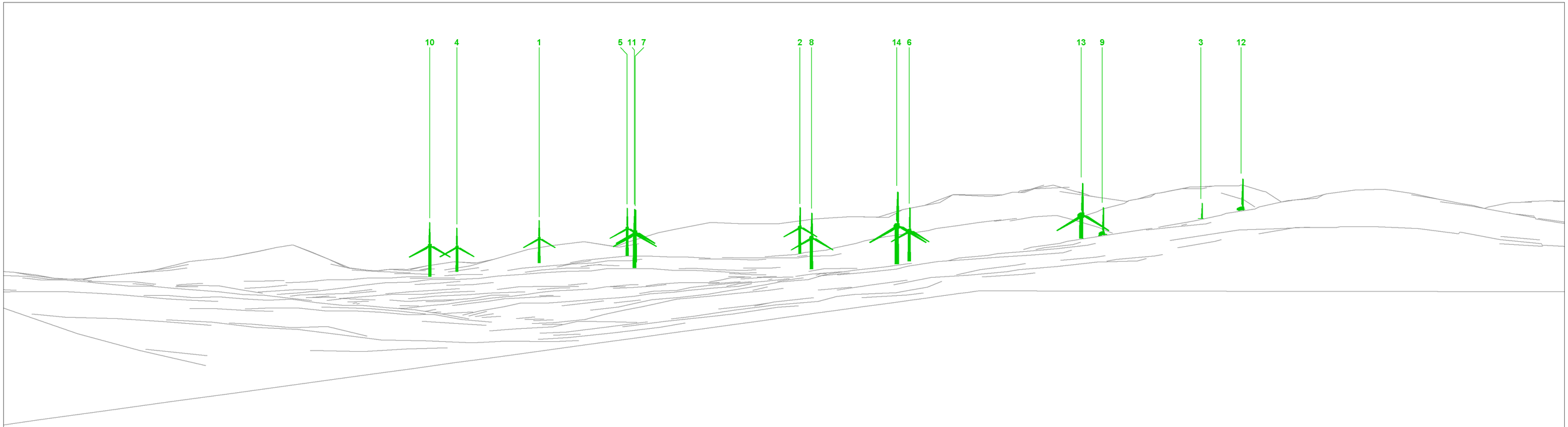
View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.28d Viewpoint 15: B7000 Road (South of High Bridge of Ken)

Consented wind farm

OS reference:	261841E 589276N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	212 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	245°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	08/09/2021 16:56

d180851v_06.c_14.10.23



Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.28e Viewpoint 15: B7000 Road (South of High Bridge of Ken)

Proposed development

VATTENFALL

natural power

OS reference:	261841E 589276N	Horizontal field of view:	53.5° (planar projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T14
Eye level:	212 m AOD	Vertical field of view:	18.2°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	4.0 km
Direction to centre of wireline:	335°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	12

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Quantans Hill Wind Farm
Figure 5.28f Viewpoint 15: B7000 Road (South of High Bridge of Ken)

VATTENFALL

natural power

OS reference:	261841E 589276N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T14
Eye level:	212 m AOD	Vertical field of view:	18.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	4.0 km
Direction to centre of photograph:	335°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	08/09/2021 16:56	Theoretical number of Quantans Hill hubs visible:	12

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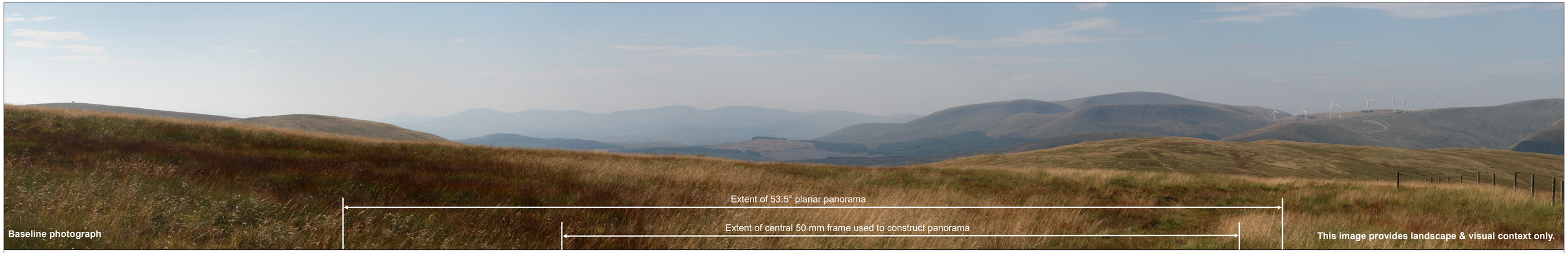
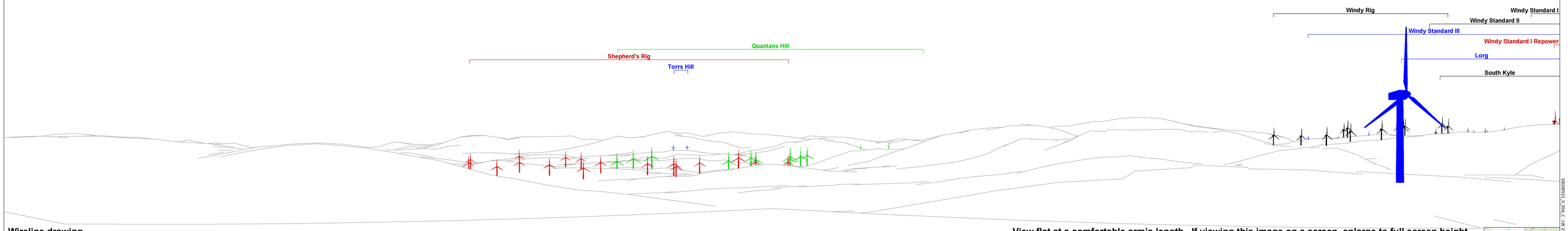




Quantans Hill Wind Farm
Figure 5.29a Viewpoint 16: Black Hill

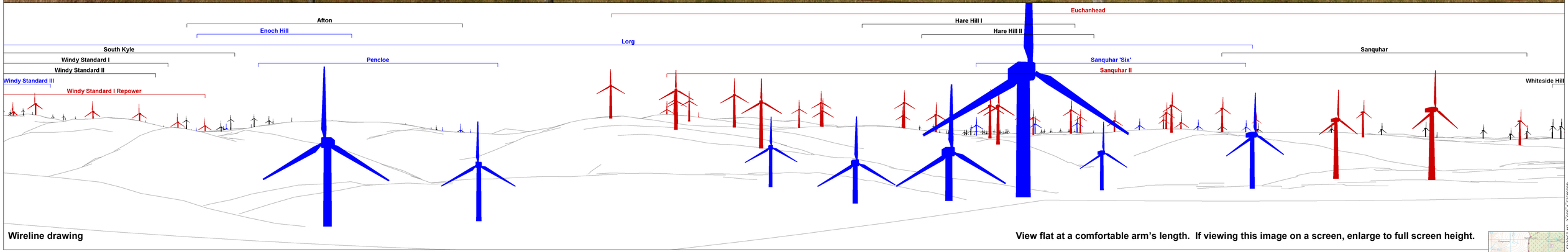
- Proposed development
- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	268838E 598906N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T3
Eye level:	566 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	8.9 km
Direction to centre of photograph:	244°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans tips visible:	12
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	08/09/2021 13:08	Theoretical number of Quantans hubs visible:	10

268838_598906_V_360_C_14-09-21



Quantans Hill Wind Farm
Figure 5.29b Viewpoint 16: Black Hill

- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	268838E 598906N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	566 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	334°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	08/09/2021 13:08

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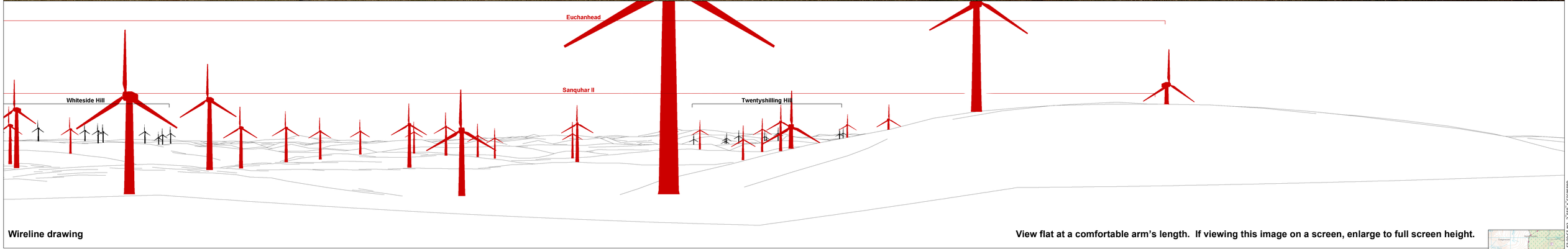


Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

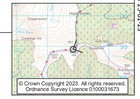
Quantans Hill Wind Farm
Figure 5.29c Viewpoint 16: Black Hill

- Operational/under construction wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	268838E 598906N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	566 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	64°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	08/09/2021 13:08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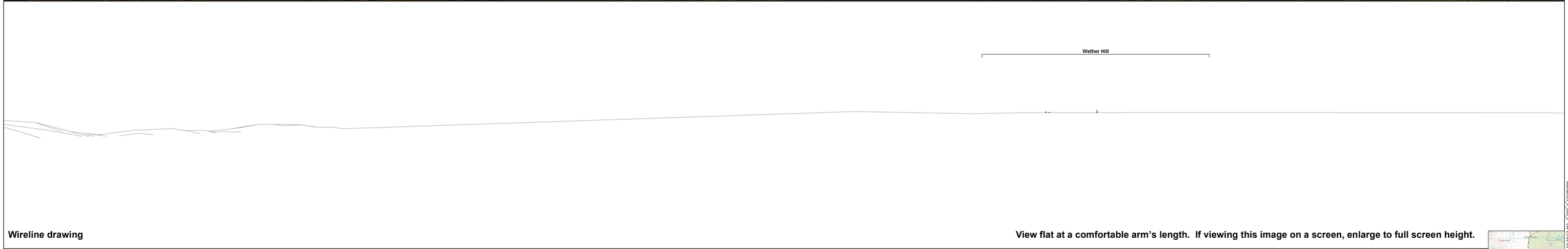

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.29d Viewpoint 16: Black Hill

● Operational/under construction wind farm

VATTENFALL

natural power

OS reference:	268838E 598906N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	566 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	154°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	08/09/2021 13:08

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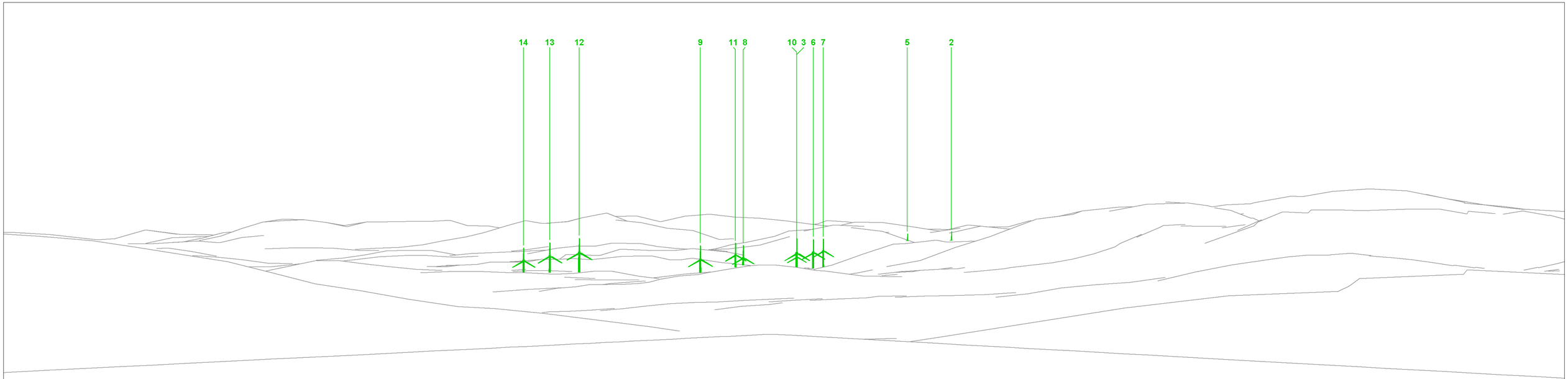

Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.29e Viewpoint 16: Black Hill

Proposed development

VATTENFALL

natural power

OS reference:	268838E 598906N	Horizontal field of view:	53.5° (planar projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T3
Eye level:	566 m AOD	Vertical field of view:	18.2°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	8.9 km
Direction to centre of wireline:	244°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	12
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	10

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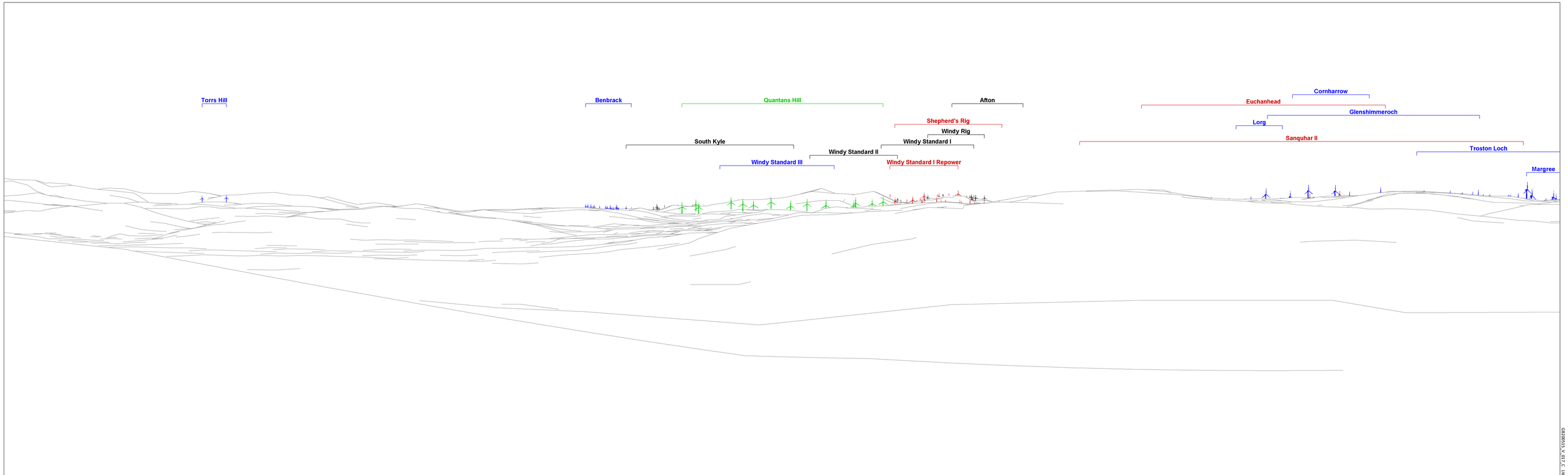
Quantans Hill Wind Farm
Figure 5.29f Viewpoint 16: Black Hill

VATTENFALL

natural power

OS reference:	268838E 598906N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T3
Eye level:	566 m AOD	Vertical field of view:	18.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	8.9 km
Direction to centre of photograph:	244°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	12
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	08/09/2021 13:08	Theoretical number of Quantans Hill hubs visible:	10

d180531LV_04LC_LW_Vp16_23



Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.30a Viewpoint 17: A762, North of New Galloway

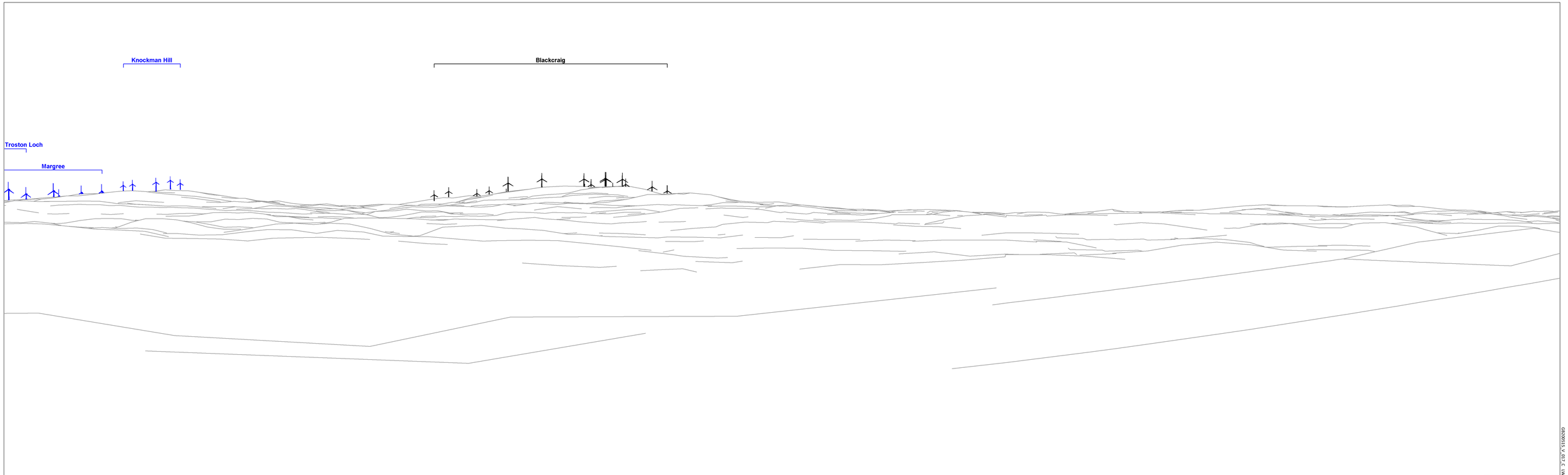
- Proposed development
- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	262989E 579023N	Horizontal field of view:	90° (cylindrical projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T14
Eye level:	104 m AOD	Vertical field of view:	28.5°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	14.2 km
Direction to centre of wireline:	347°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans tips visible:	14
Principal distance:	522 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans hubs visible:	14

G80855 v_01 C_ch 5.30



Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.30b Viewpoint 17: A762, North of New Galloway

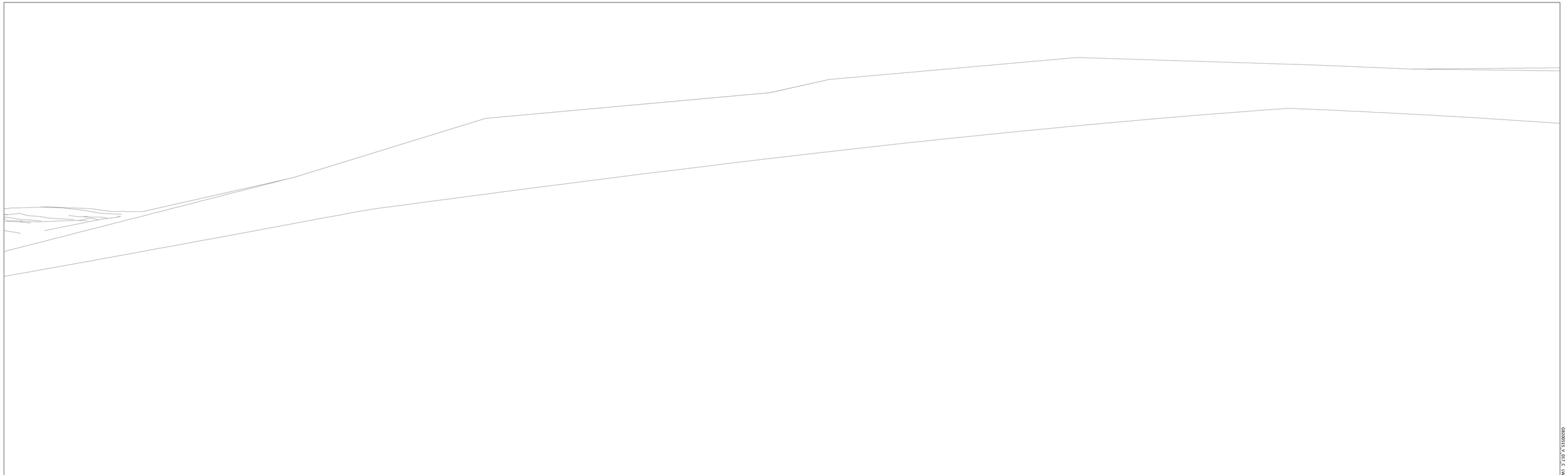
- Operational/under construction wind farm
- Consented wind farm

VATTENFALL

natural power

OS reference:	262989E 579023N	Horizontal field of view:	90° (cylindrical projection)	Camera:	n/a
Eye level:	104 m AOD	Vertical field of view:	28.5°	Lens:	n/a
Direction to centre of wireline:	77°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a

GB0955 v_01 C_UK 21-04-23



Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.30c Viewpoint 17: A762, North of New Galloway

VATTENFALL

natural power

OS reference:	262989E 579023N	Horizontal field of view:	90° (cylindrical projection)	Camera:	n/a
Eye level:	104 m AOD	Vertical field of view:	28.5°	Lens:	n/a
Direction to centre of wireline:	167°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a

0826053 v_01 C 14.04.23

Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

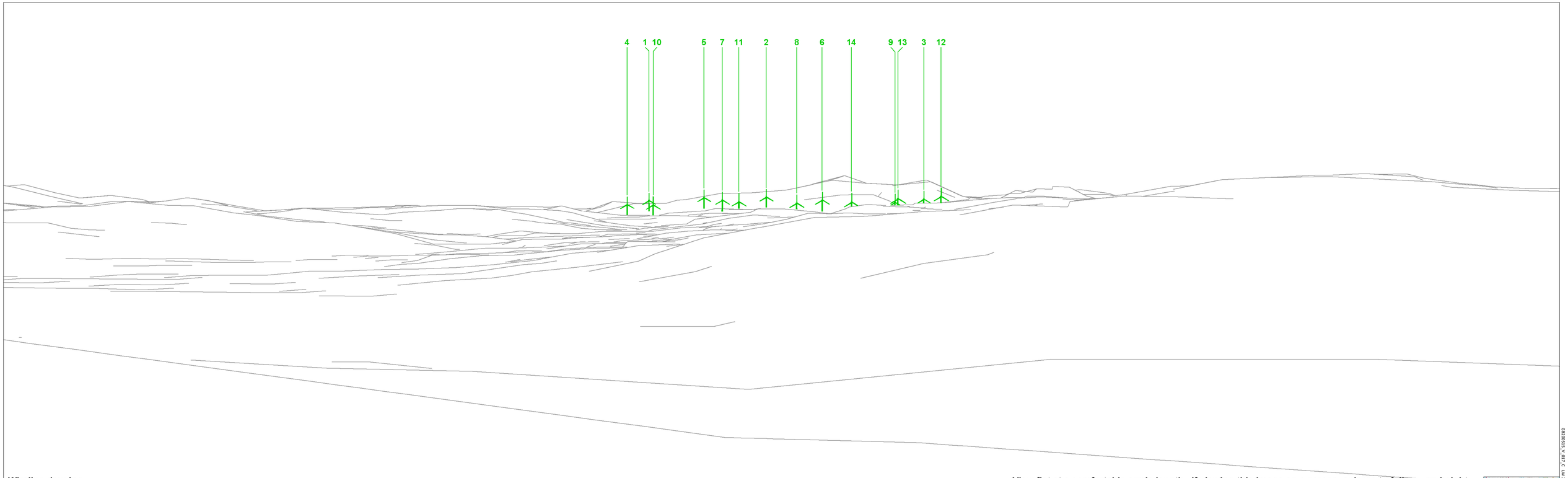
Quantans Hill Wind Farm
Figure 5.30d Viewpoint 17: A762, North of New Galloway

VATTENFALL

natural power

OS reference:	262989E 579023N	Horizontal field of view:	90° (cylindrical projection)	Camera:	n/a
Eye level:	104 m AOD	Vertical field of view:	28.5°	Lens:	n/a
Direction to centre of wireline:	257°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a

0826513_v_01_C_14-Feb-23



Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.30e Viewpoint 17: A762, North of New Galloway

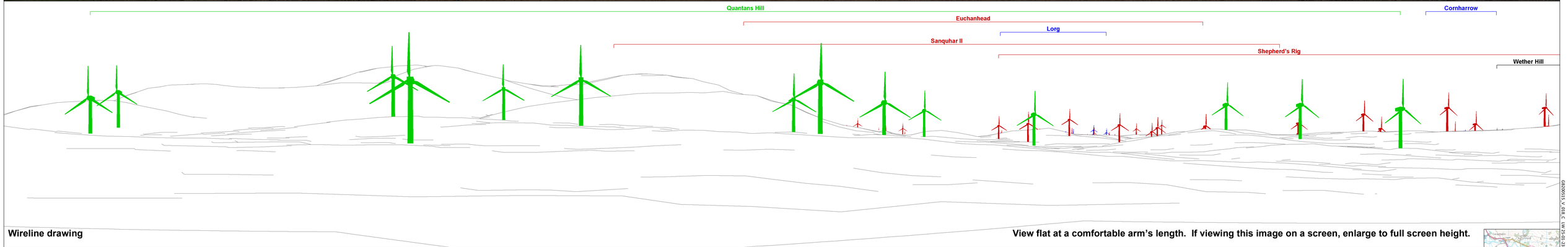
Proposed development

VATTENFALL

natural power

OS reference:	262989E 579023N	Horizontal field of view:	53.5° (planar projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T14
Eye level:	104 m AOD	Vertical field of view:	18.2°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	14.2 km
Direction to centre of wireline:	347°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	14

GB08051A_v_04.1_14-04-23



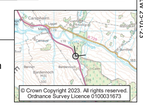
Quantans Hill Wind Farm
Figure 5.31a Viewpoint 18: A713 South of Carsphairn

- Proposed development
- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	257703E 592176N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T10
Eye level:	197 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	1.8 km
Direction to centre of photograph:	38°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans tips visible:	14
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	03/11/2021 16:10	Theoretical number of Quantans hubs visible:	14



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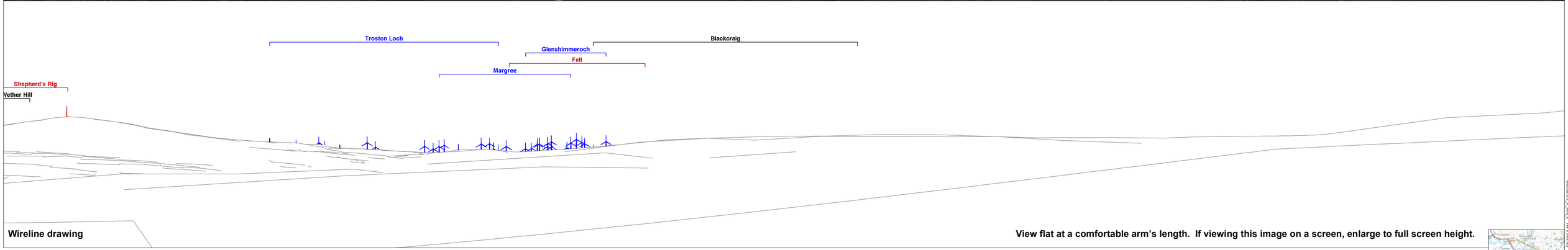

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.31b Viewpoint 18: A713 South of Carsphairn

- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	257703E 592176N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	197 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	128°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	03/11/2021 16:10

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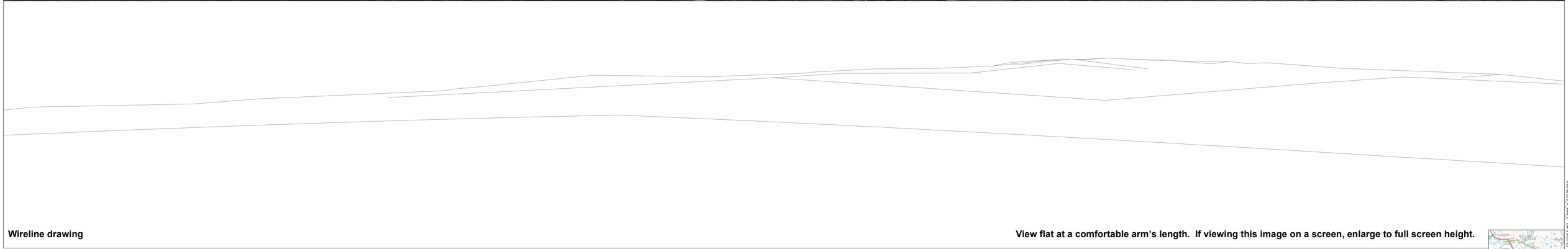

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.31c Viewpoint 18: A713 South of Carsphairn

VATTENFALL

natural power

OS reference:	257703E 592176N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	197 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	218°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	03/11/2021 16:10

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View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

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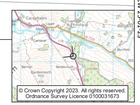
Quantans Hill Wind Farm
Figure 5.31d Viewpoint 18: A713 South of Carsphairn

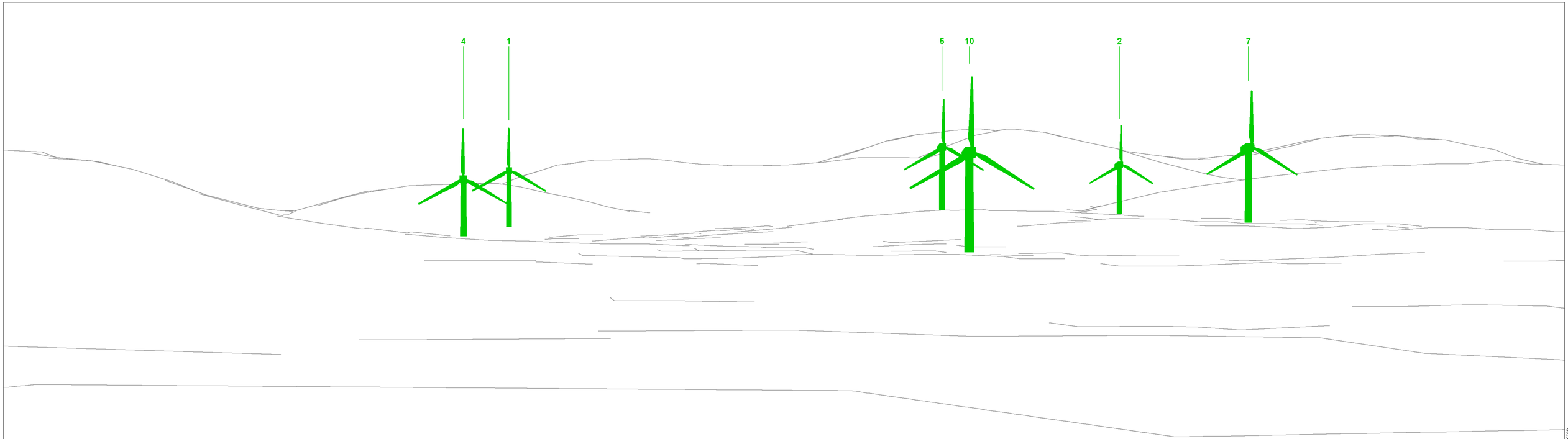
Consented wind farm

VATTENFALL

natural power

OS reference:	257703E 592176N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	197 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	308°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	03/11/2021 16:10





Wireline drawing 1 of 2 (Direction to centre of image: 10°)

Due to the proximity of this viewpoint to the Proposed Development, the 53.5° planar projection images have been split over two pages to accommodate the horizontal extent of turbines.

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.31e Viewpoint 18: A713 South of Carsphairn

Proposed development

VATTENFALL

natural power

OS reference:	257703E 592176N	Horizontal field of view:	53.5° (planar projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T10
Eye level:	197 m AOD	Vertical field of view:	18.2°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	1.8 km
Direction to centre of wireline:	10°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	14

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G:\GD\595\12_V_Std_C_UK.jpg 13

Photomontage 1 of 2 (Direction to centre of image: 10°)

Due to the proximity of this viewpoint to the Proposed Development, the 53.5° planar projection images have been split over two pages to accommodate the horizontal extent of turbines.

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm

Figure 5.31f Viewpoint 18: A713 South of Carsphairn

VATTENFALL

natural power

OS reference:	257703E 592176N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T10
Eye level:	197 m AOD	Vertical field of view:	18.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	1.8 km
Direction to centre of photograph:	10°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	03/11/2021 16:10	Theoretical number of Quantans Hill hubs visible:	14

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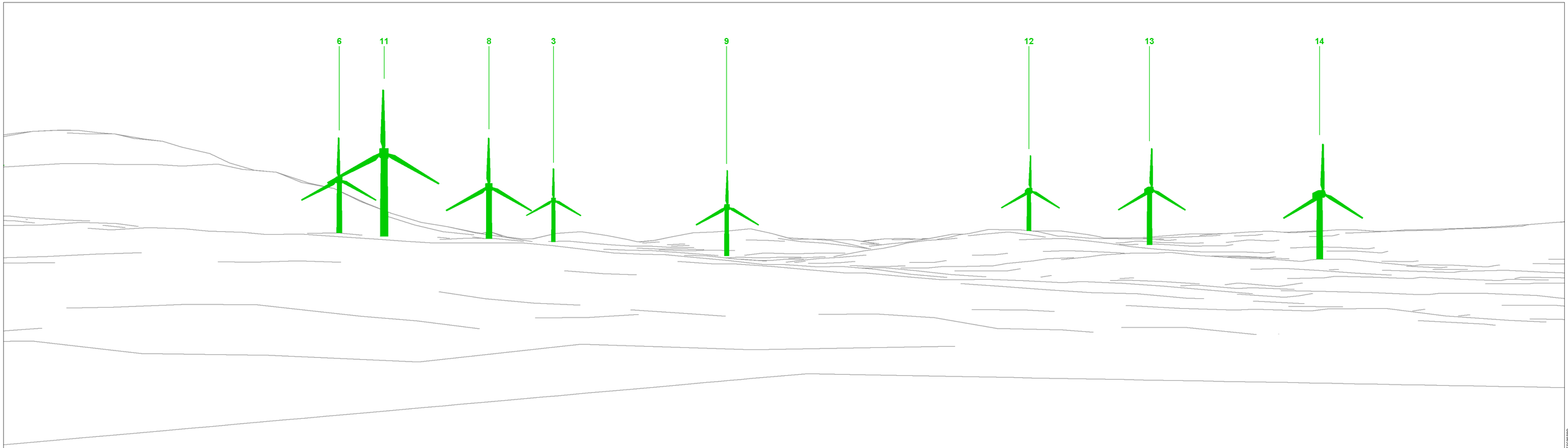
GA0051LV Rev C LW 04.04.23



Wireline drawing 2 of 2 (Direction to centre of image: 55°)

Due to the proximity of this viewpoint to the Proposed Development, the 53.5° planar projection images have been split over two pages to accommodate the horizontal extent of turbines.

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.31g Viewpoint 18: A713 South of Carsphairn

Proposed development

VATTENFALL

natural power

OS reference:	257703E 592176N	Horizontal field of view:	53.5° (planar projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T10
Eye level:	197 m AOD	Vertical field of view:	18.2°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	1.8 km
Direction to centre of wireline:	55°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	14

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Photomontage 2 of 2 (Direction to centre of image: 55°)

Due to the proximity of this viewpoint to the Proposed Development, the 53.5° planar projection images have been split over two pages to accommodate the horizontal extent of turbines.

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

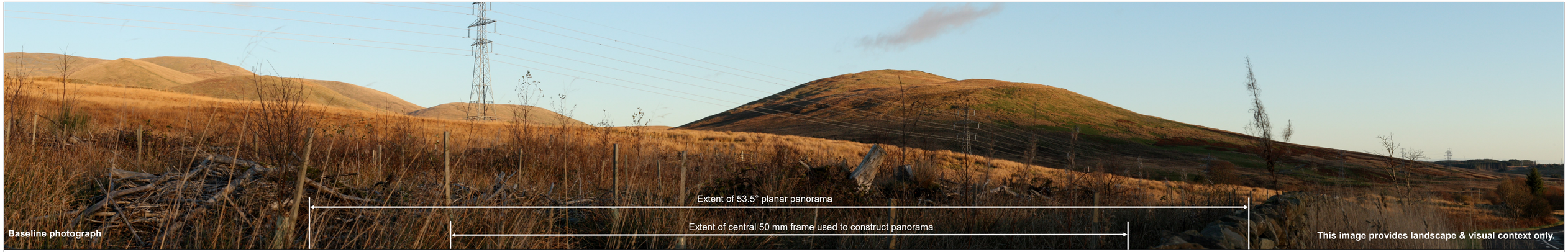
Quantans Hill Wind Farm
Figure 5.31h Viewpoint 18: A713 South of Carsphairn

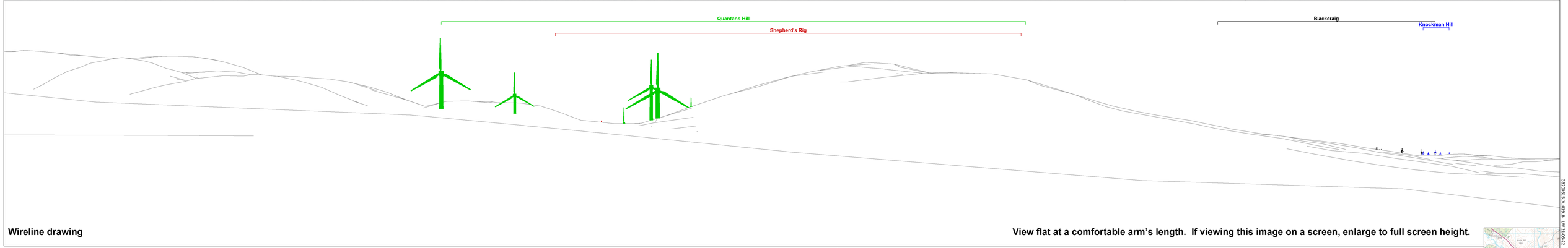
VATTENFALL

natural power

OS reference:	257703E 592176N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T10
Eye level:	197 m AOD	Vertical field of view:	18.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	1.8 km
Direction to centre of photograph:	55°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	03/11/2021 16:10	Theoretical number of Quantans Hill hubs visible:	14

GA0905LV_006_C_LW 04.23





Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.32a Viewpoint 19: A713 North of Carsphairn

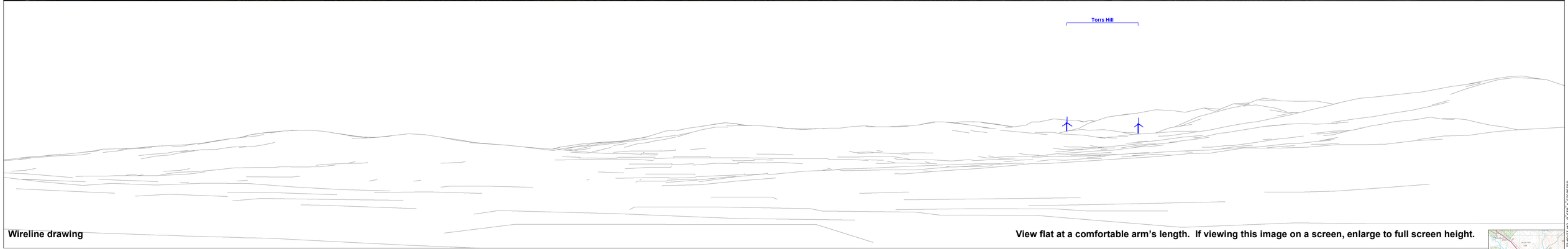
- Proposed development
- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	255347E 594789N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T4
Eye level:	215 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	2.3 km
Direction to centre of photograph:	96°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans tips visible:	6
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	21/11/2021 15:15	Theoretical number of Quantans hubs visible:	5

G4806514_V_09.8_UH 14.06.22



View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.32b Viewpoint 19: A713 North of Carsphairn

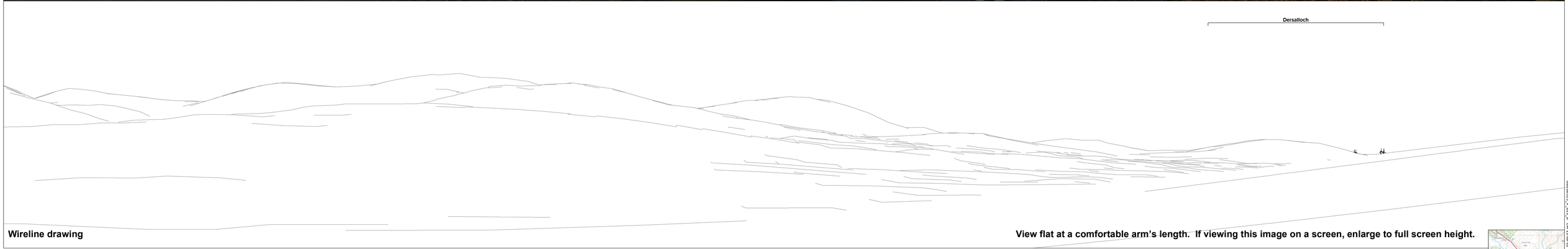
Consented wind farm

VATTENFALL

natural power

OS reference:	255347E 594789N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	215 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	186°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	21/11/2021 15:15

GA8056LV_09.9 14/12/22



View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.32c Viewpoint 19: A713 North of Carsphairn

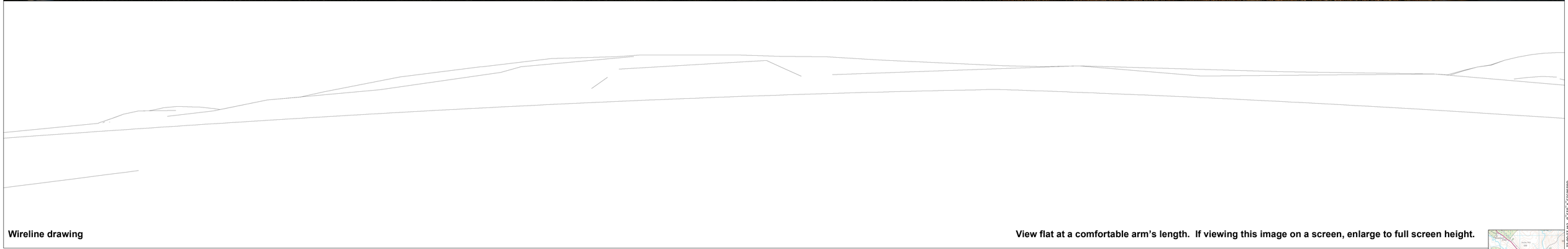
● Operational/under construction wind farm

VATTENFALL

natural power

OS reference:	255347E 594789N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	215 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	276°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	21/11/2021 15:15

G4826515_V_09.9 (A1) 06.22



View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

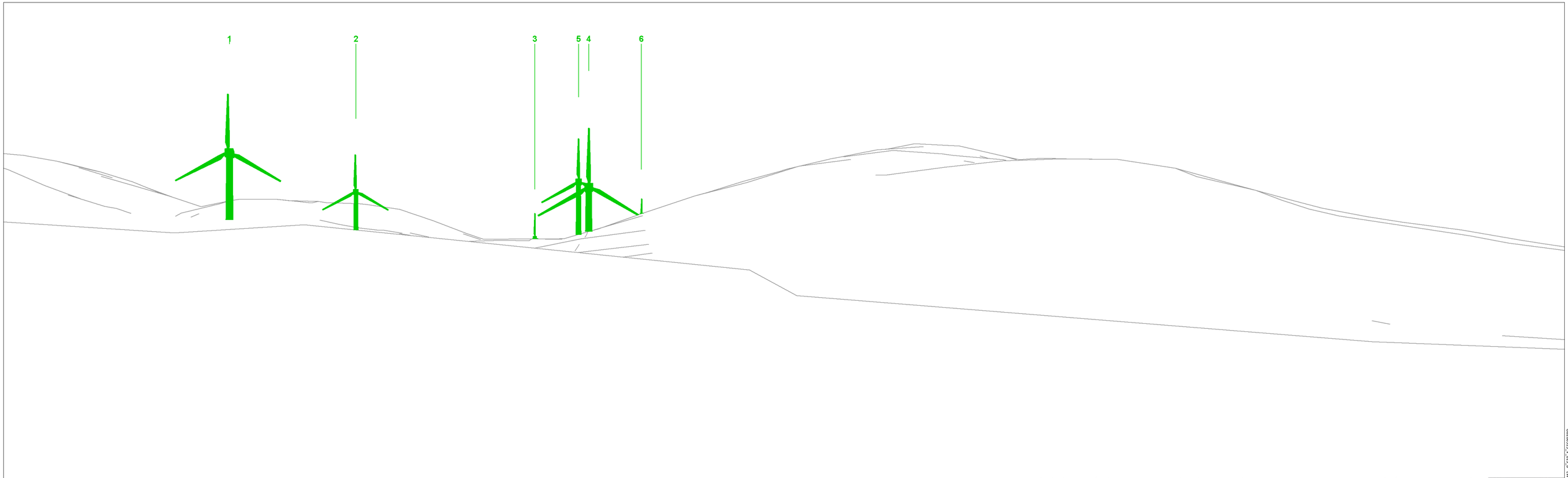
Quantans Hill Wind Farm
Figure 5.32d Viewpoint 19: A713 North of Carsphairn

VATTENFALL

natural power

OS reference:	255347E 594789N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	215 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	6°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	21/11/2021 15:15

G4D0051V_019.9 (A1)16.32



Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.32e Viewpoint 19: A713 North of Carsphairn

Proposed development

VATTENFALL

natural power

OS reference:	255347E 594789N	Horizontal field of view:	53.5° (planar projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T4
Eye level:	215 m AOD	Vertical field of view:	18.2°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	2.3 km
Direction to centre of wireline:	96°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	6
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	5

G4806514_V_09.9 14.10.22

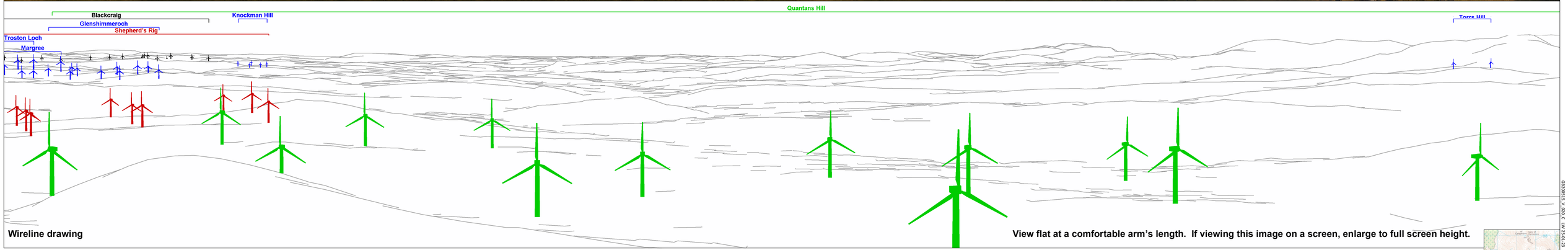
Quantans Hill Wind Farm
Figure 5.32f Viewpoint 19: A713 North of Carsphairn

VATTENFALL

natural power

OS reference:	255347E 594789N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T4
Eye level:	215 m AOD	Vertical field of view:	18.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	2.3 km
Direction to centre of photograph:	96°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	6
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	21/11/2021 15:15	Theoretical number of Quantans Hill hubs visible:	5

GA0805LV_0918_WM1106-32



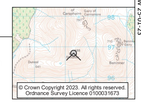
Quantans Hill Wind Farm
Figure 5.33a Viewpoint 20: Black Shoulder

- Proposed development
- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

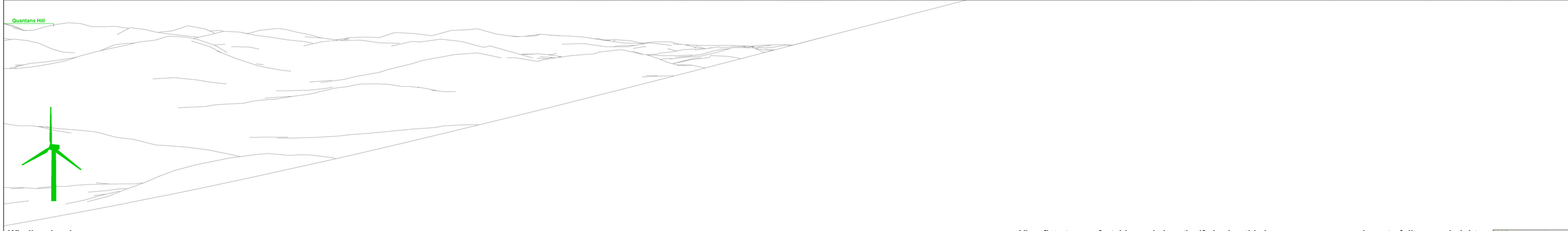
VATTENFALL

natural power

OS reference:	259270E 596792N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T2
Eye level:	683 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	1.5 km
Direction to centre of photograph:	180°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans tips visible:	14
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	27/08/2021 18:00	Theoretical number of Quantans hubs visible:	14



GA0805LV_006C_LW_FIG5.33



Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

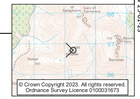
Quantans Hill Wind Farm
Figure 5.33b Viewpoint 20: Black Shoulder

Proposed development

VATTENFALL

natural power

OS reference:	259270E 596792N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	683 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	270°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	27/08/2021 18:00



GA0805LY_001C_UK1516.23

Wireline drawing

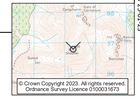
View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.33c Viewpoint 20: Black Shoulder

VATTENFALL

natural power

OS reference:	259270E 596792N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	683 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	0°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	27/08/2021 18:00



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View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

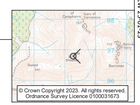
Quantans Hill Wind Farm
Figure 5.33d Viewpoint 20: Black Shoulder

- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

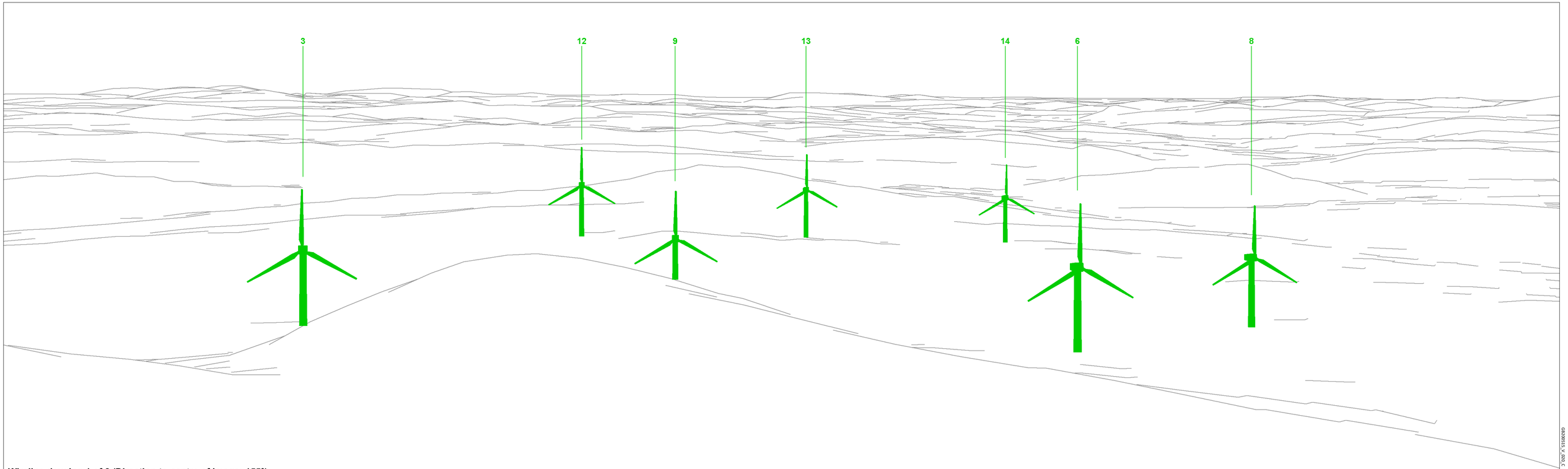
VATTENFALL

natural power

OS reference:	259270E 596792N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	683 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	90°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	27/08/2021 18:00



G4080515_v_006_LW_FIG5.33



Wireline drawing 1 of 2 (Direction to centre of image: 155°)

Due to the proximity of this viewpoint to the Proposed Development, the 53.5° planar projection images have been split over two pages to accommodate the horizontal extent of turbines.

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

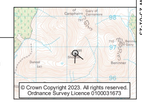
Quantans Hill Wind Farm
Figure 5.33e Viewpoint 20: Black Shoulder

Proposed development

VATTENFALL

natural power

OS reference:	259270E 596792N	Horizontal field of view:	53.5° (planar projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T2
Eye level:	683 m AOD	Vertical field of view:	18.2°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	1.5 km
Direction to centre of wireline:	155°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	14



G:\8\0\6\5\1\4_v_0\0___

Photomontage 1 of 2 (Direction to centre of image: 155°)

Due to the proximity of this viewpoint to the Proposed Development, the 53.5° planar projection images have been split over two pages to accommodate the horizontal extent of turbines.

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.33f Viewpoint 20: Black Shoulder

VATTENFALL

natural power

OS reference:	259270E 596792N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T2
Eye level:	683 m AOD	Vertical field of view:	18.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	1.5 km
Direction to centre of photograph:	155°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	27/08/2021 18:00	Theoretical number of Quantans Hill hubs visible:	14

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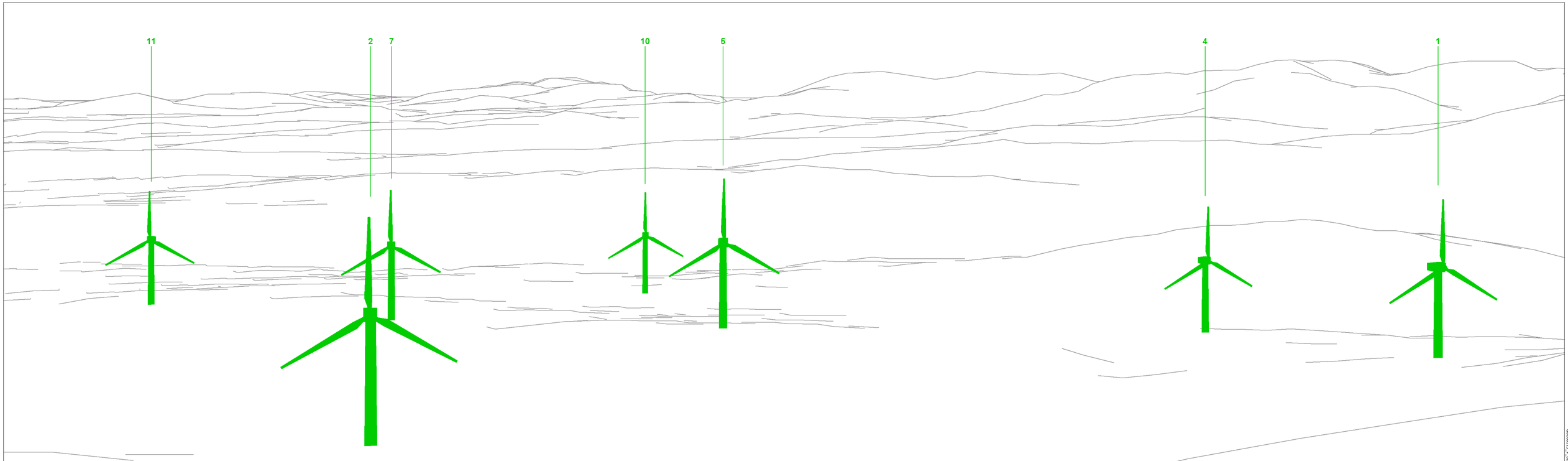


Wireline drawing 2 of 2 (Direction to centre of image: 205°)

Due to the proximity of this viewpoint to the Proposed Development, the 53.5° planar projection images have been split over two pages to accommodate the horizontal extent of turbines.

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

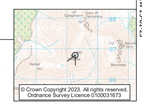
Quantans Hill Wind Farm
Figure 5.33g Viewpoint 20: Black Shoulder

Proposed development

VATTENFALL

natural power

OS reference:	259270E 596792N	Horizontal field of view:	53.5° (planar projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T2
Eye level:	683 m AOD	Vertical field of view:	18.2°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	1.5 km
Direction to centre of wireline:	205°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	14



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Photomontage 2 of 2 (Direction to centre of image: 205°)

Due to the proximity of this viewpoint to the Proposed Development, the 53.5° planar projection images have been split over two pages to accommodate the horizontal extent of turbines.

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

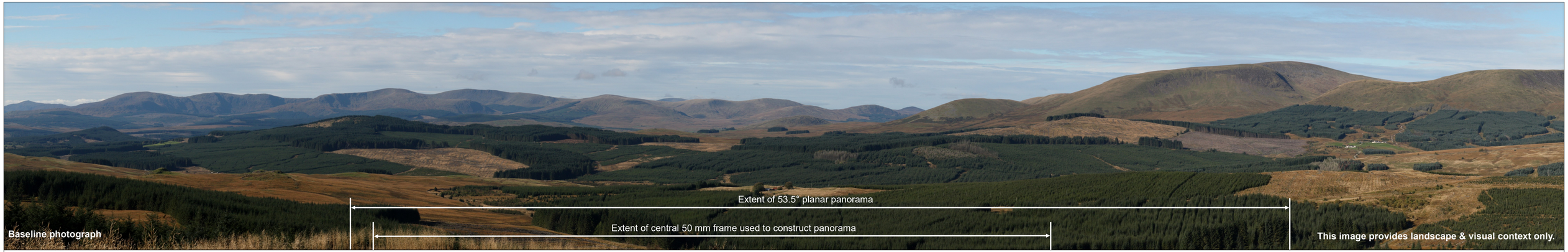
Quantans Hill Wind Farm
Figure 5.33h Viewpoint 20: Black Shoulder

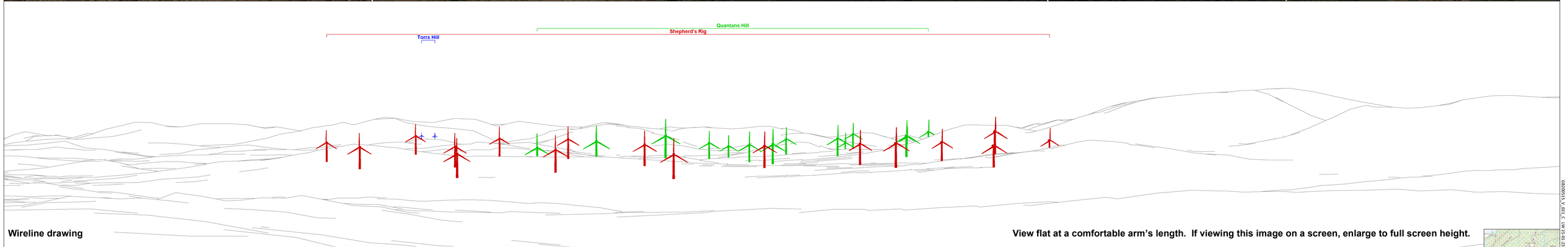
VATTENFALL

natural power

OS reference:	259270E 596792N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T2
Eye level:	683 m AOD	Vertical field of view:	18.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	1.5 km
Direction to centre of photograph:	205°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	27/08/2021 18:00	Theoretical number of Quantans Hill hubs visible:	14

GA0045LV_006 C_VP20_23





Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.34a Viewpoint 21: Manquhill Hill

- Proposed development
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	266163E 594663N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T12
Eye level:	421 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	5.1 km
Direction to centre of photograph:	268°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans tips visible:	14
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	06/10/2021 11:40	Theoretical number of Quantans hubs visible:	14

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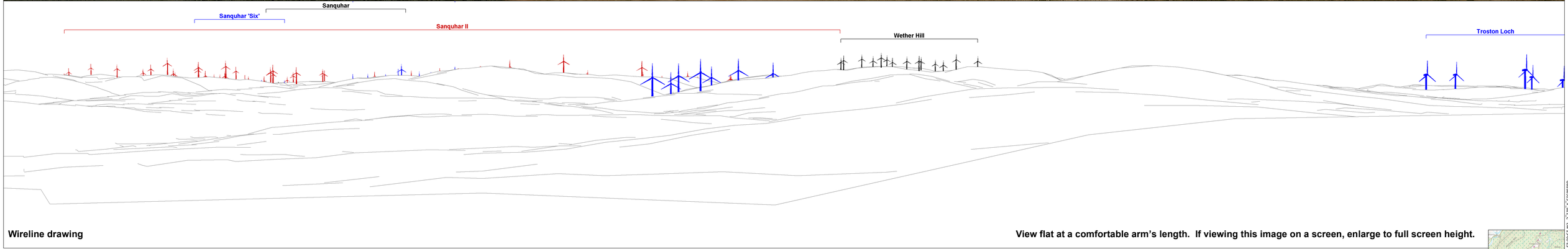

Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.34b Viewpoint 21: Manquhill Hill

- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	266163E 594663N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	421 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	358°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	06/10/2021 11:40

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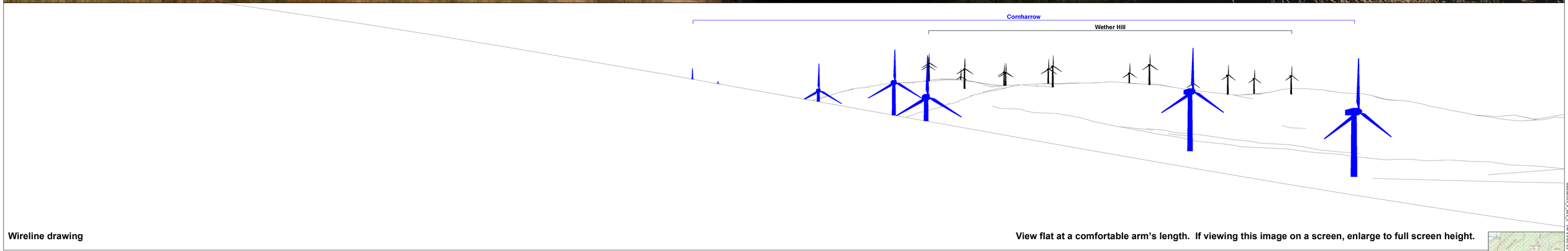
G4080514_v_001_ viewpoint 23



View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.34c Viewpoint 21: Manquhill Hill

- Operational/under construction wind farm
- Consented wind farm

VATTENFALL

natural power

OS reference:	266163E 594663N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	421 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	88°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	06/10/2021 11:40

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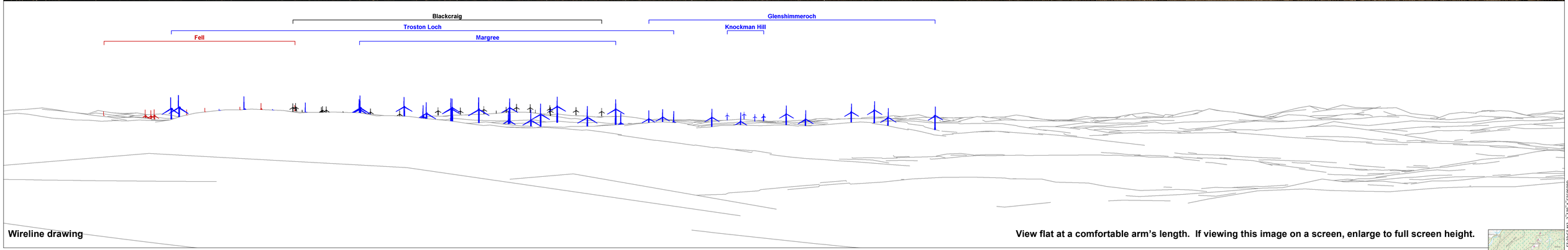

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.34d Viewpoint 21: Manquhill Hill

- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	266163E 594663N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	421 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	178°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	06/10/2021 11:40

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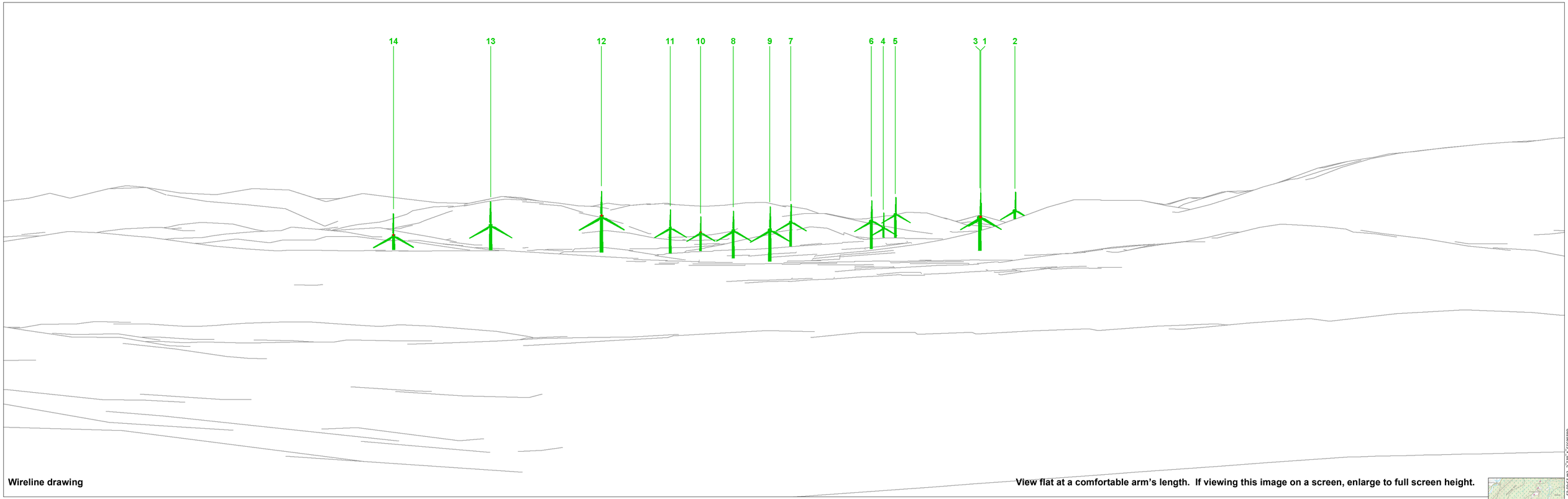

Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.34e Viewpoint 21: Manquhill Hill

Proposed development

Aviation Lighting

medium intensity (2000 candela)

VATTENFALL

natural power

OS reference:	266163E 594663N	Horizontal field of view:	53.5° (planar projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T12
Eye level:	421 m AOD	Vertical field of view:	18.2°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	5.1 km
Direction to centre of wireline:	268°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	14

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View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.34f Viewpoint 21: Manquhill Hill

VATTENFALL

natural power

OS reference:	266163E 594663N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T12
Eye level:	421 m AOD	Vertical field of view:	18.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	5.1 km
Direction to centre of photograph:	268°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	06/10/2021 11:40	Theoretical number of Quantans Hill hubs visible:	14

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Photomontage (NB. the intensity of lighting is estimated and for illustration only)

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.34g Viewpoint 21: Manquhill Hill

VATTENFALL

natural power

OS reference:	266163E 594663N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T12
Eye level:	421 m AOD	Vertical field of view:	18.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	5.1 km
Direction to centre of photograph:	268°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	06/10/2021 11:40	Theoretical number of Quantans Hill hubs visible:	14

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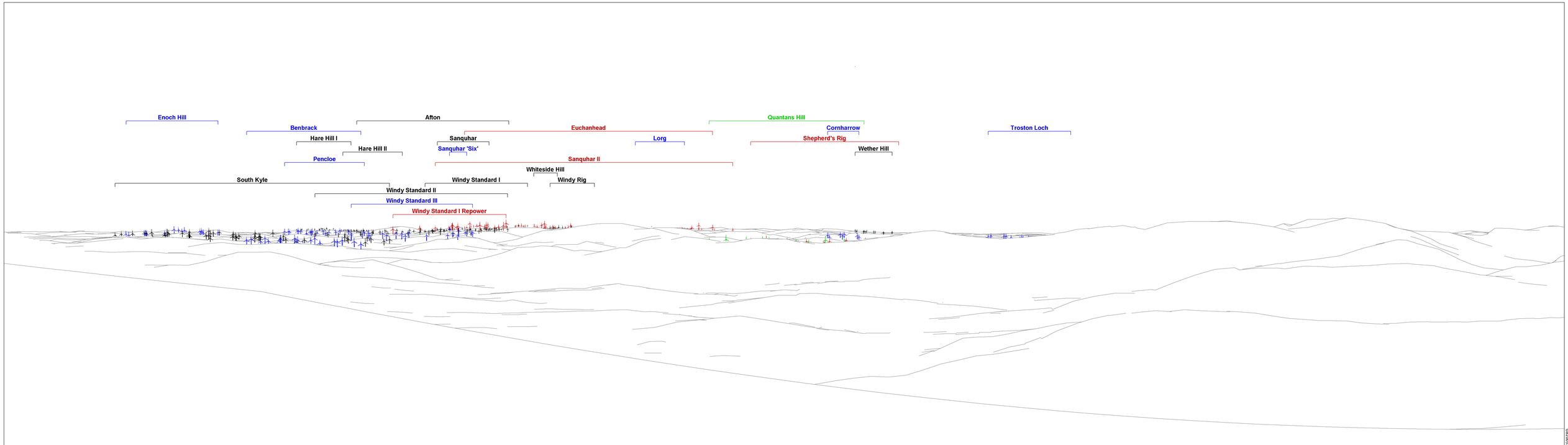


Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

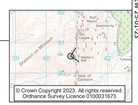
Quantans Hill Wind Farm
Figure 5.35a Viewpoint 22: Maiden's Bed

- Proposed development
- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	240797E 590550N	Horizontal field of view:	90° (cylindrical projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T4
Eye level:	766 m AOD	Vertical field of view:	28.5°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	17.3 km
Direction to centre of wireline:	78°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans tips visible:	11
Principal distance:	522 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans hubs visible:	2



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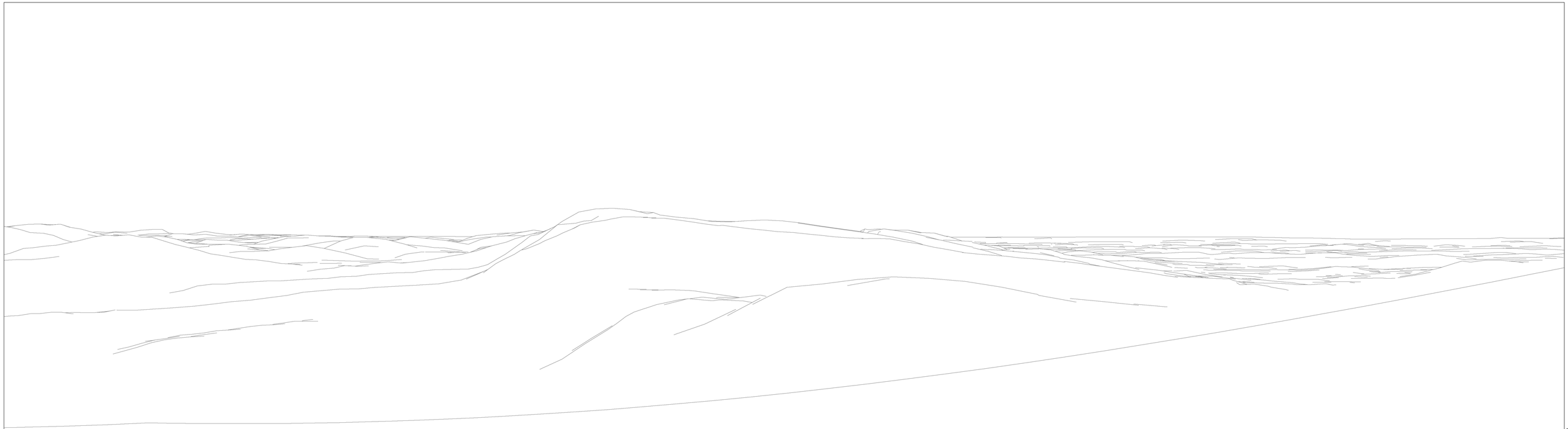

Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.35b Viewpoint 22: Maiden's Bed

VATTENFALL

natural power

OS reference:	240797E 590550N	Horizontal field of view:	90° (cylindrical projection)	Camera:	n/a
Eye level:	766 m AOD	Vertical field of view:	28.5°	Lens:	n/a
Direction to centre of wireline:	168°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a

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Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.35c Viewpoint 22: Maiden's Bed

VATTENFALL

natural power

OS reference:	240797E 590550N	Horizontal field of view:	90° (cylindrical projection)	Camera:	n/a
Eye level:	766 m AOD	Vertical field of view:	28.5°	Lens:	n/a
Direction to centre of wireline:	258°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a

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Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

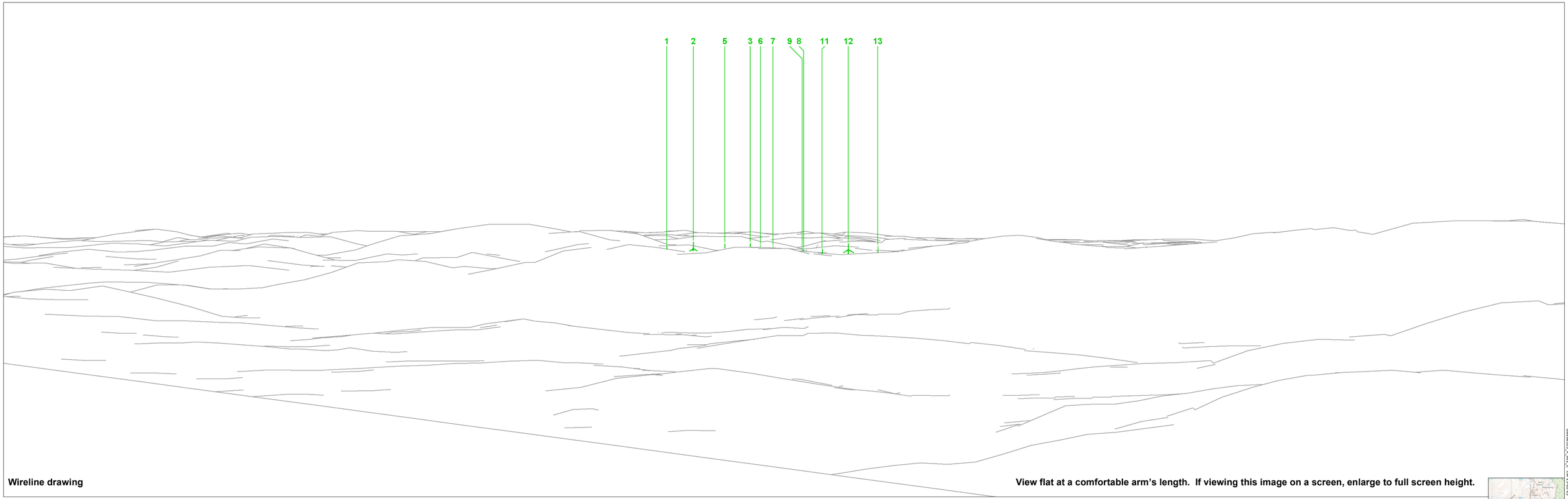
Quantans Hill Wind Farm
Figure 5.35d Viewpoint 22: Maiden's Bed

VATTENFALL

natural power

OS reference:	240797E 590550N	Horizontal field of view:	90° (cylindrical projection)	Camera:	n/a
Eye level:	766 m AOD	Vertical field of view:	28.5°	Lens:	n/a
Direction to centre of wireline:	348°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a

G0809514_V_022_C_LW_F5.35.23



Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.35e Viewpoint 22: Maiden's Bed

Proposed development

VATTENFALL

natural power

OS reference:	240797E 590550N	Horizontal field of view:	53.5° (planar projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T4
Eye level:	766 m AOD	Vertical field of view:	18.2°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	17.3 km
Direction to centre of wireline:	78°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	11
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	2

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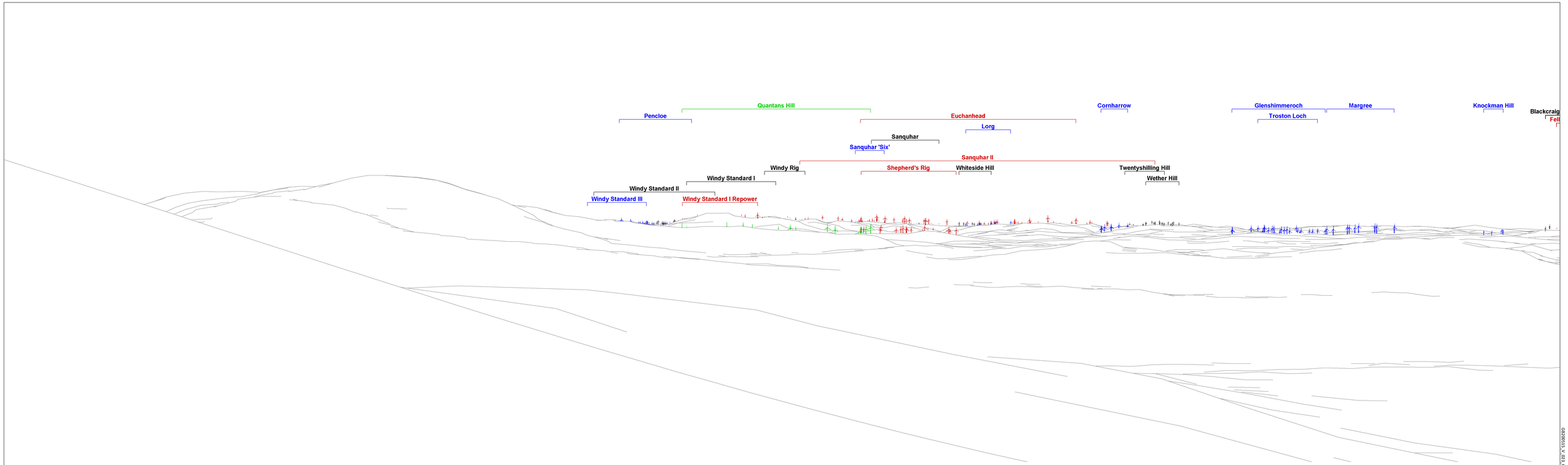

Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.36a Viewpoint 23: Darnaw Memorial

- Proposed development
- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	251592E 576550N	Horizontal field of view:	90° (cylindrical projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T10
Eye level:	424 m AOD	Vertical field of view:	28.5°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	18.6 km
Direction to centre of wireline:	24°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans tips visible:	13
Principal distance:	522 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans hubs visible:	9

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GB0955A_v_023_C_14.Jul.23

Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.36b Viewpoint 23: Darnaw Memorial

- Operational/under construction wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	251592E 576550N	Horizontal field of view:	90° (cylindrical projection)	Camera:	n/a
Eye level:	424 m AOD	Vertical field of view:	28.5°	Lens:	n/a
Direction to centre of wireline:	114°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a

GB0955A v.1.03 C 14.04.23

Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.36c Viewpoint 23: Darnaw Memorial

VATTENFALL

natural power

OS reference:	251592E 576550N	Horizontal field of view:	90° (cylindrical projection)	Camera:	n/a
Eye level:	424 m AOD	Vertical field of view:	28.5°	Lens:	n/a
Direction to centre of wireline:	204°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a

GB0951v1.0 24.11.23

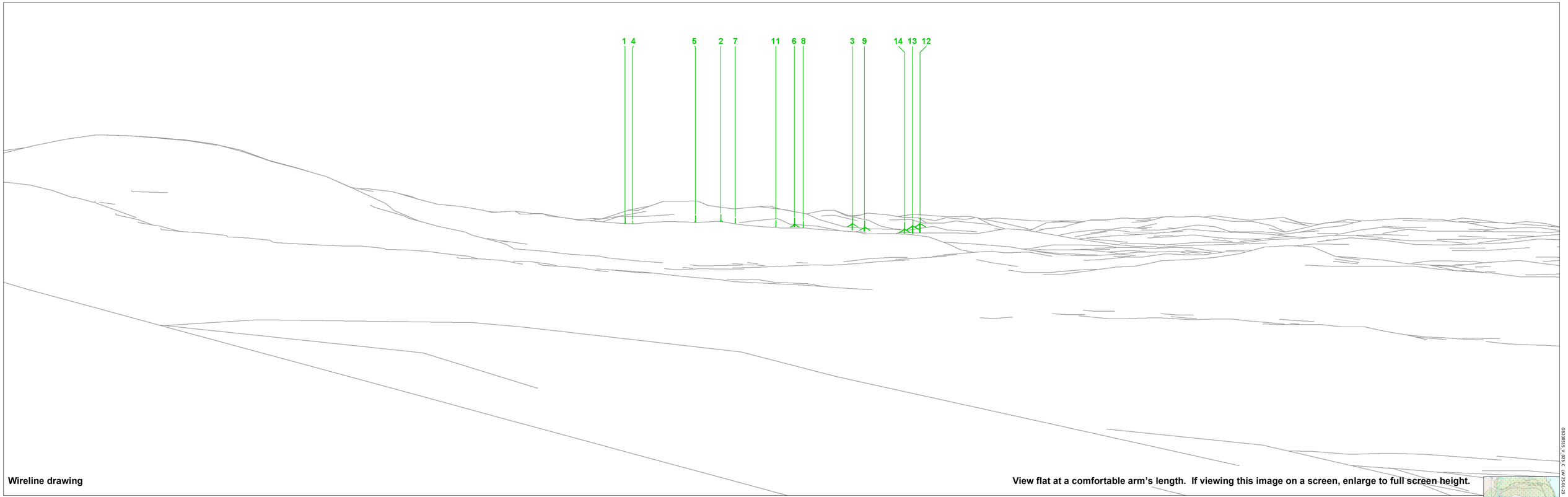
Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.36d Viewpoint 23: Darnaw Memorial

OS reference:	251592E 576550N	Horizontal field of view:	90° (cylindrical projection)	Camera:	n/a
Eye level:	424 m AOD	Vertical field of view:	28.5°	Lens:	n/a
Direction to centre of wireline:	294°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a

G0280513_V_02.0_LW_F5.36.23



Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.36e Viewpoint 23: Darnaw Memorial

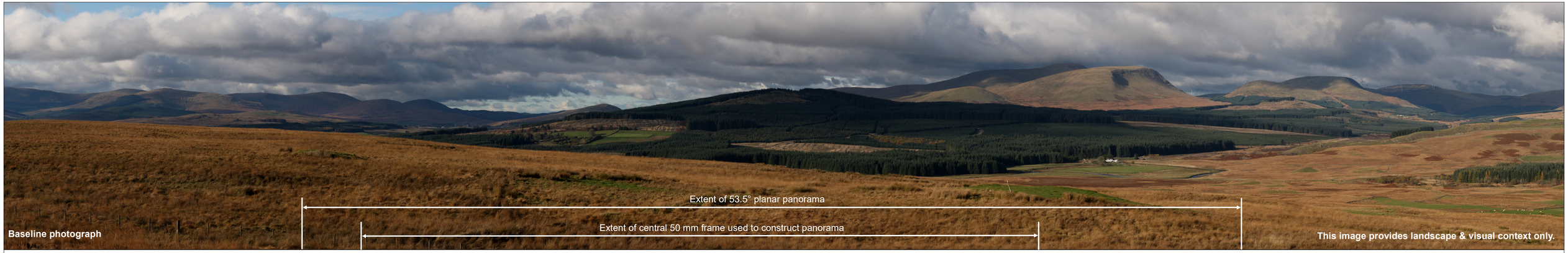
Proposed development

VATTENFALL

natural power

OS reference:	251592E 576550N	Horizontal field of view:	53.5° (planar projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T10
Eye level:	424 m AOD	Vertical field of view:	18.2°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	18.6 km
Direction to centre of wireline:	24°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	13
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	9

G4080615_V_02.C_UH_F5.23



Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.37a Viewpoint 24: Culmark Hill

- Proposed development
- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	264372E 589719N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T4
Eye level:	615 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	5.0 km
Direction to centre of photograph:	314°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans tips visible:	14
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	03/11/2021 12:45	Theoretical number of Quantans hubs visible:	12

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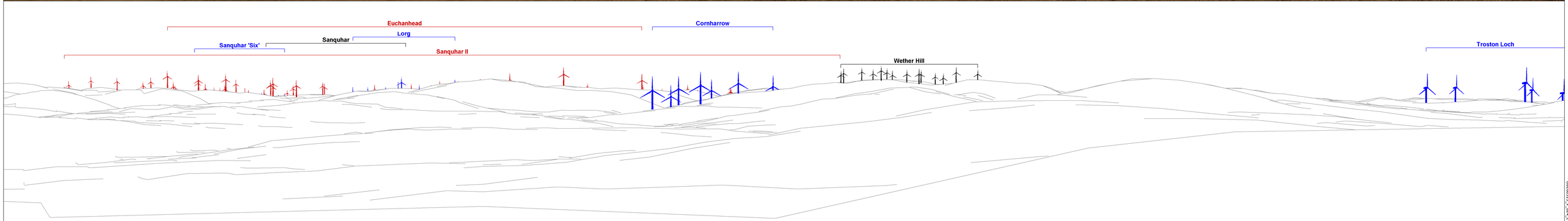
G0805514_v_024_c_LW 24 04 23



Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.37b Viewpoint 24: Culmark Hill

- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	264372E 589719N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	615 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	44°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	03/11/2021 12:45

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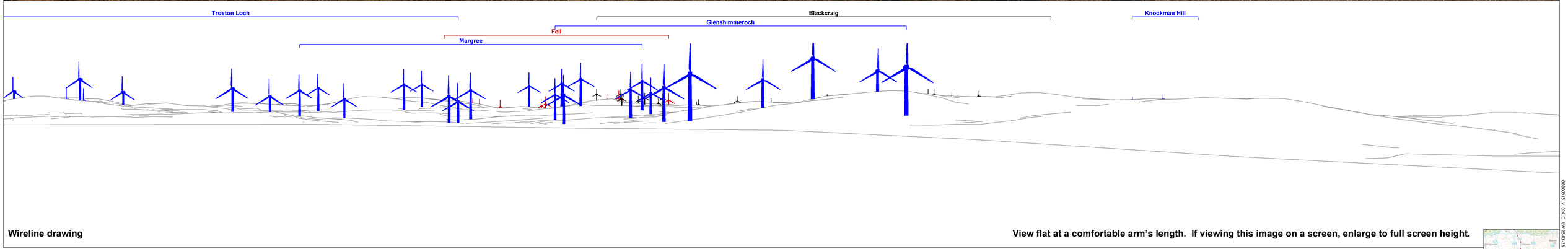

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.37c Viewpoint 24: Culmark Hill

- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	264372E 589719N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	615 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	134°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	03/11/2021 12:45

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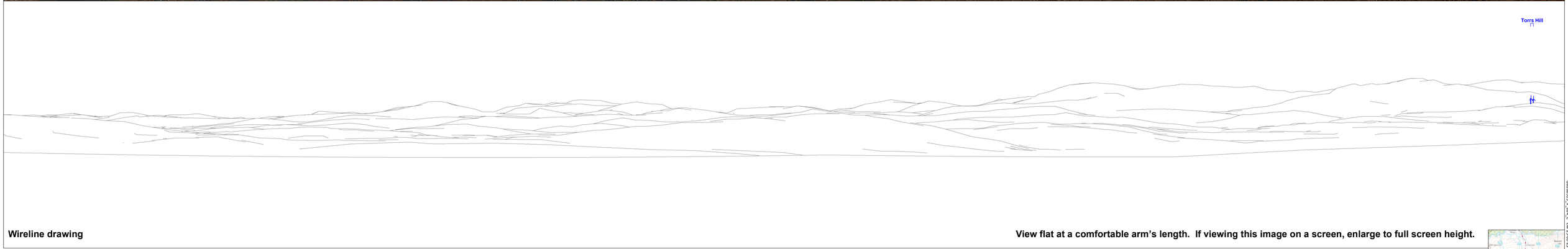

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

G4080515_V_04_C_LW_21-01-13

Quantans Hill Wind Farm
Figure 5.37d Viewpoint 24: Culmark Hill

Consented wind farm

VATTENFALL

natural power

OS reference:	264372E 589719N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	615 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	224°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	03/11/2021 12:45

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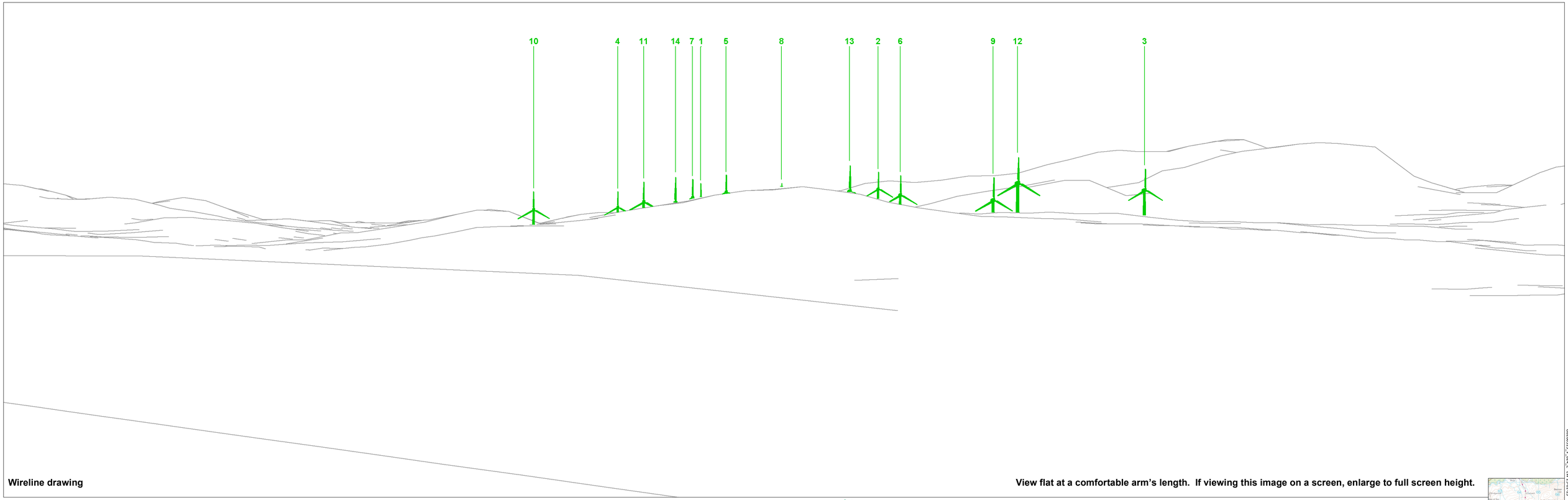

Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.37e Viewpoint 24: Culmark Hill

Proposed development

VATTENFALL

natural power

OS reference:	264372E 589719N	Horizontal field of view:	53.5° (planar projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T4
Eye level:	615 m AOD	Vertical field of view:	18.2°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	5.0 km
Direction to centre of wireline:	314°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	12

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View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.37f Viewpoint 24: Culmark Hill

VATTENFALL

natural power

OS reference:	264372E 589719N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T4
Eye level:	615 m AOD	Vertical field of view:	18.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	5.0 km
Direction to centre of photograph:	314°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	03/11/2021 12:45	Theoretical number of Quantans Hill hubs visible:	12

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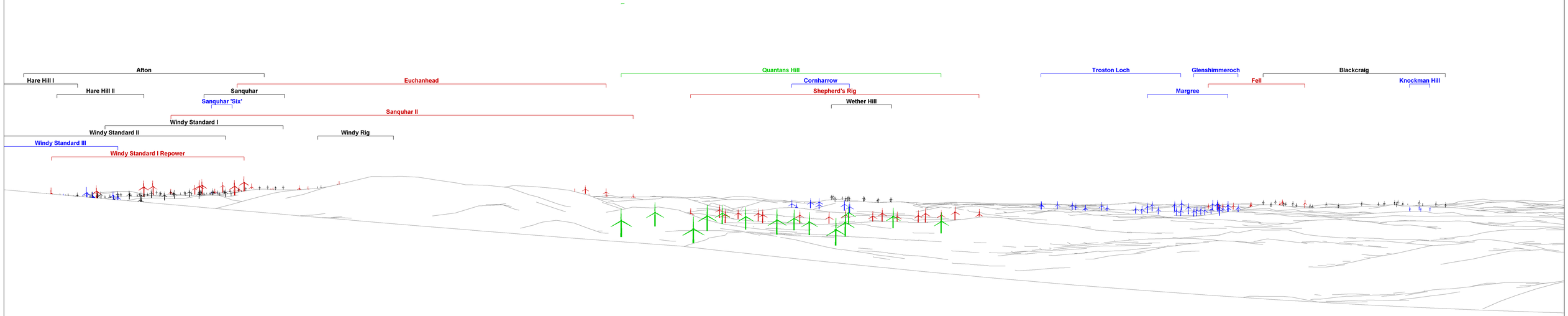


Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.38a Viewpoint 25: Coran of Portmark

- Proposed development
- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	250933E 593667N	Horizontal field of view:	90° (cylindrical projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T4
Eye level:	617 m AOD	Vertical field of view:	28.5°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	6.8 km
Direction to centre of wireline:	85°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans tips visible:	14
Principal distance:	522 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans hubs visible:	14

GB59514_V_05C_14.34.13

Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

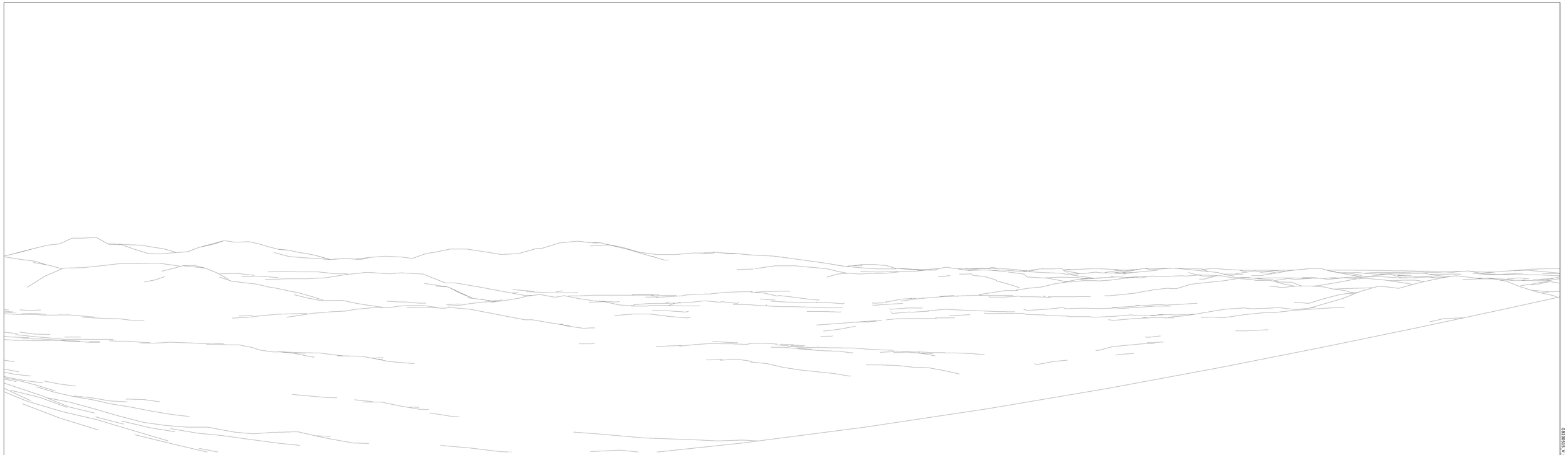
Quantans Hill Wind Farm
Figure 5.38b Viewpoint 25: Coran of Portmark

VATTENFALL

natural power

OS reference:	250933E 593667N	Horizontal field of view:	90° (cylindrical projection)	Camera:	n/a
Eye level:	617 m AOD	Vertical field of view:	28.5°	Lens:	n/a
Direction to centre of wireline:	175°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a

GB593667 V 250933 E 14 Feb 23



Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.38c Viewpoint 25: Coran of Portmark

VATTENFALL

natural power

OS reference:	250933E 593667N	Horizontal field of view:	90° (cylindrical projection)	Camera:	n/a
Eye level:	617 m AOD	Vertical field of view:	28.5°	Lens:	n/a
Direction to centre of wireline:	265°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a

GB0955LV_250_C_14_Feb_23

Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.38d Viewpoint 25: Coran of Portmark

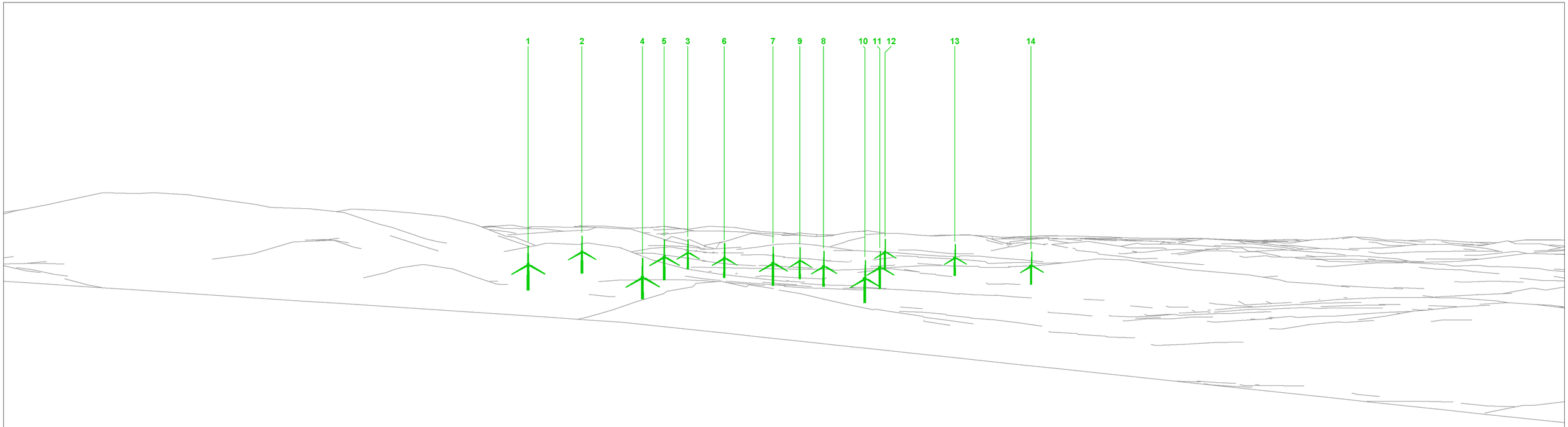
- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	250933E 593667N	Horizontal field of view:	90° (cylindrical projection)	Camera:	n/a
Eye level:	617 m AOD	Vertical field of view:	28.5°	Lens:	n/a
Direction to centre of wireline:	355°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a

GB0955 v_05c 14.04.23



Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 5.38e Viewpoint 25: Coran of Portmark

Proposed development

VATTENFALL

natural power

OS reference:	250933E 593667N	Horizontal field of view:	53.5° (planar projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T4
Eye level:	617 m AOD	Vertical field of view:	18.2°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	6.8 km
Direction to centre of wireline:	85°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	14

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Wireline drawing

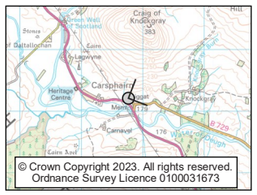
Quantans Hill Wind Farm
Residential Figure A5.5.1
Viewpoint 1: North Liggate

- Proposed Quantans Hill Wind Farm
- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

natural power

VATTENFALL

OS reference:	256766E 593209N	Nearest turbine:	T10
Eye level:	181 m AOD	Minimum distance:	1.6 km
Direction to centre of wireline:	66°	Theoretical number of tips visible:	13
Horizontal field of view:	90° (cylindrical projection)	Theoretical number of hubs visible:	12



Wireline drawing

GB200515_V_030_C LW 25-01-23

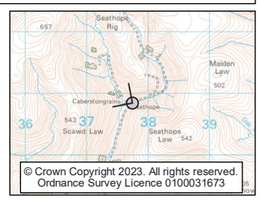
Quantans Hill Wind Farm
Residential Figure A5.5.2
Viewpoint 2: South Liggate

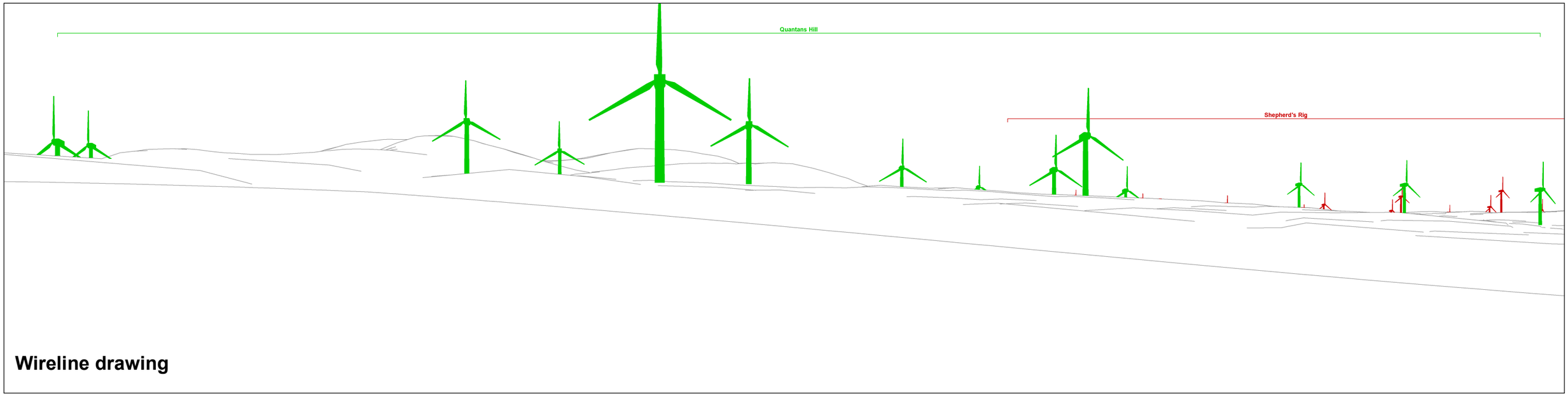
- Proposed Quantans Hill Wind Farm
- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

natural power

VATTENFALL

OS reference:	256747E 593189N	Nearest turbine:	T10
Eye level:	179 m AOD	Minimum distance:	1.6 km
Direction to centre of wireline:	66°	Theoretical number of tips visible:	13
Horizontal field of view:	90° (cylindrical projection)	Theoretical number of hubs visible:	12



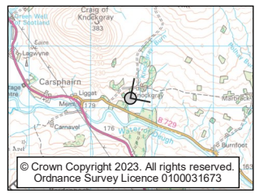


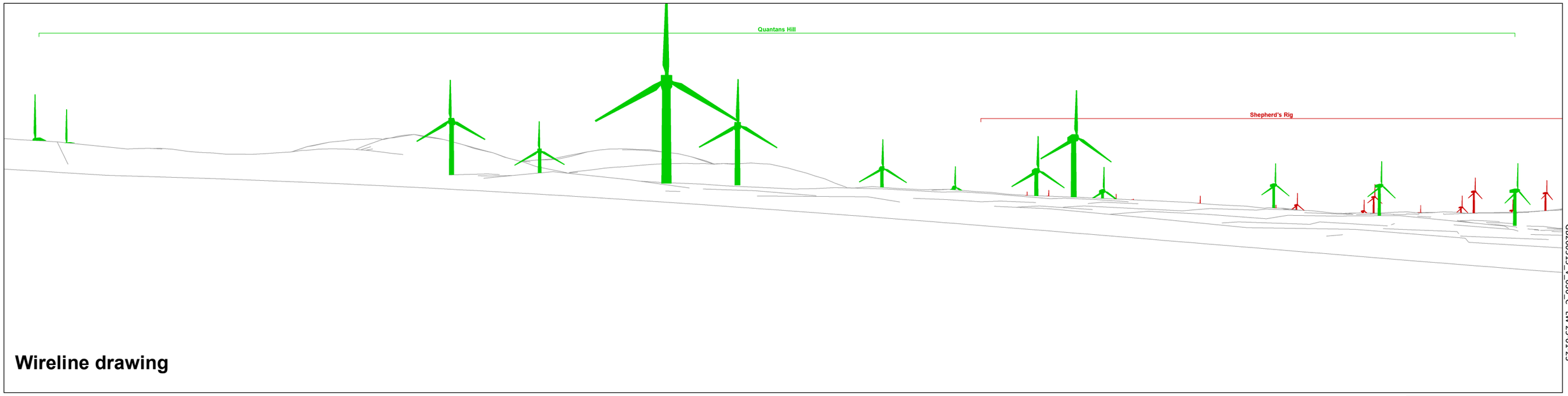
Wireline drawing

Quantans Hill Wind Farm
Residential Figure A5.5.3
Viewpoint 3: Knockgray Cottage

- Proposed Quantans Hill Wind Farm
- Other proposed wind farm

OS reference:	257650E 593153N	Nearest turbine:	T10
Eye level:	180 m AOD	Minimum distance:	0.9 km
Direction to centre of wireline:	46°	Theoretical number of tips visible:	14
Horizontal field of view:	100° (cylindrical projection)	Theoretical number of hubs visible:	14





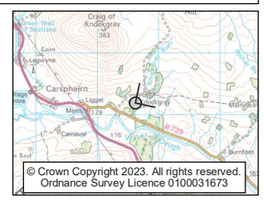
Wireline drawing

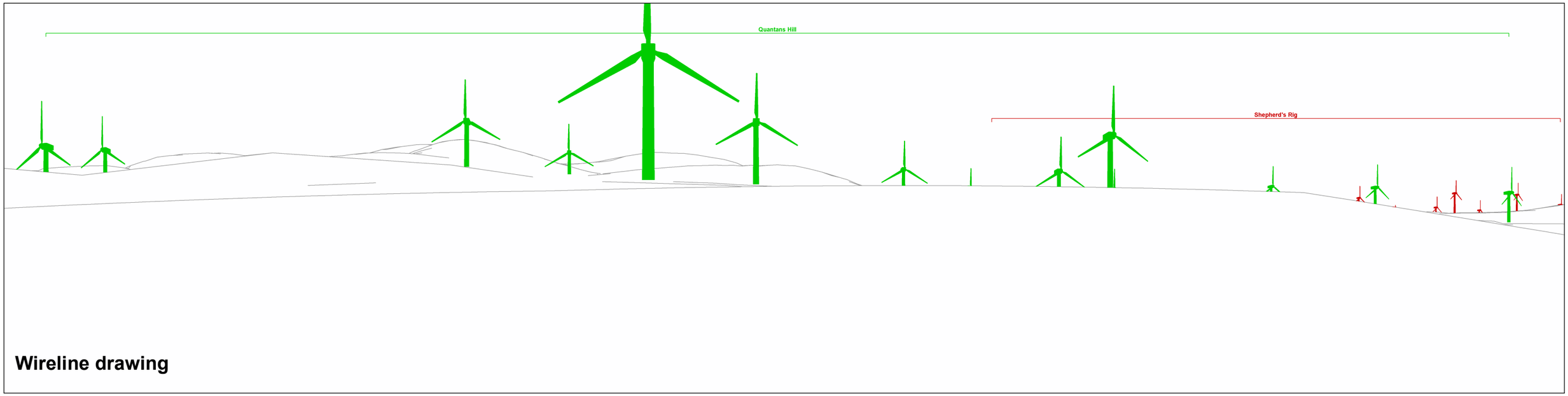
GB200515_V_030_C LW 25-01-23

Quantans Hill Wind Farm
Residential Figure A5.5.4
Viewpoint 4: Stables Cottage

- Proposed Quantans Hill Wind Farm
- Other proposed wind farm

OS reference:	257622E 593186N	Nearest turbine:	T10
Eye level:	182 m AOD	Minimum distance:	0.9 km
Direction to centre of wireline:	48°	Theoretical number of tips visible:	14
Horizontal field of view:	100° (cylindrical projection)	Theoretical number of hubs visible:	12



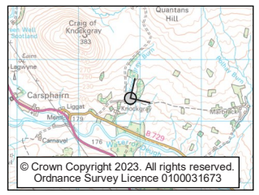


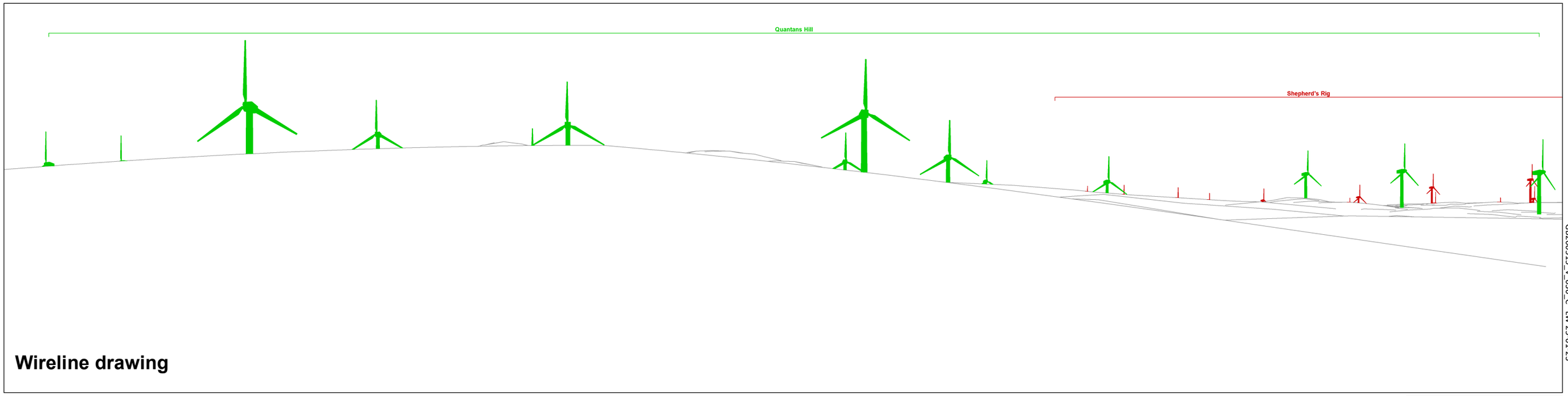
Wireline drawing

Quantans Hill Wind Farm
Residential Figure A5.5.5
Viewpoint 5: Knockgray Farm

- Proposed Quantans Hill Wind Farm
- Other proposed wind farm

OS reference:	257846E 59372N	Nearest turbine:	T10
Eye level:	198 m AOD	Minimum distance:	0.6 km
Direction to centre of wireline:	46°	Theoretical number of tips visible:	14
Horizontal field of view:	115° (cylindrical projection)	Theoretical number of hubs visible:	12





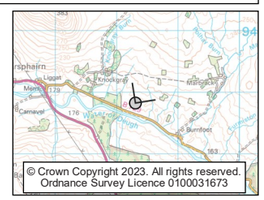
Wireline drawing

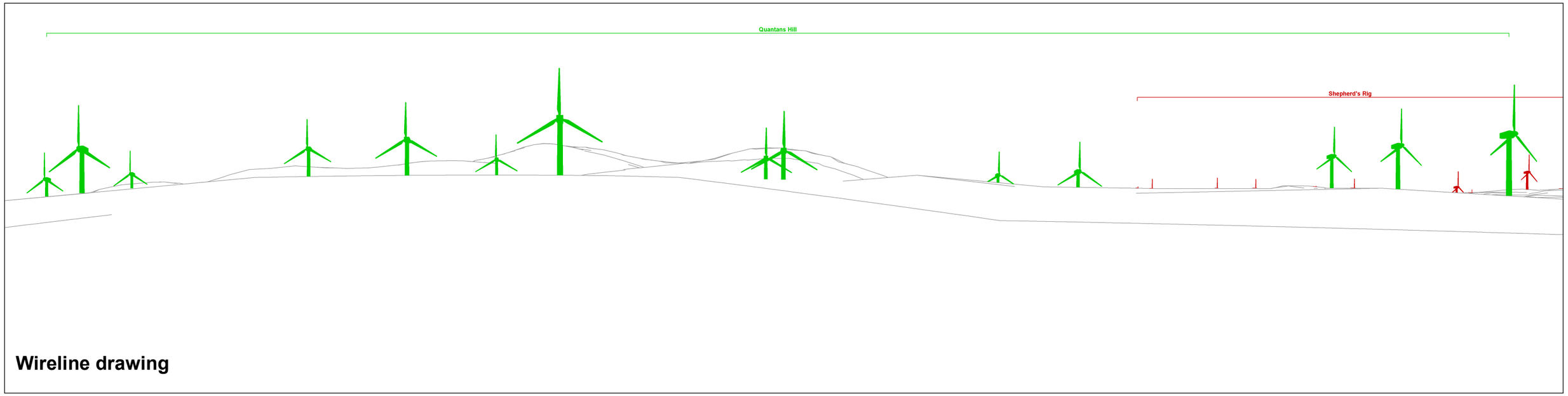
GB200515_V_030_C LW 25-01-23

Quantans Hill Wind Farm
Residential Figure A5.5.6
Viewpoint 6: Marbrae Farm

- Proposed Quantans Hill Wind Farm
- Other proposed wind farm

OS reference:	258306E 592824N	Nearest turbine:	T10
Eye level:	175 m AOD	Minimum distance:	1.1 km
Direction to centre of wireline:	33°	Theoretical number of tips visible:	14
Horizontal field of view:	110° (cylindrical projection)	Theoretical number of hubs visible:	12



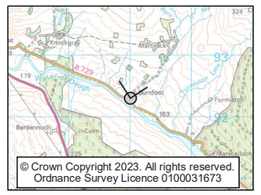


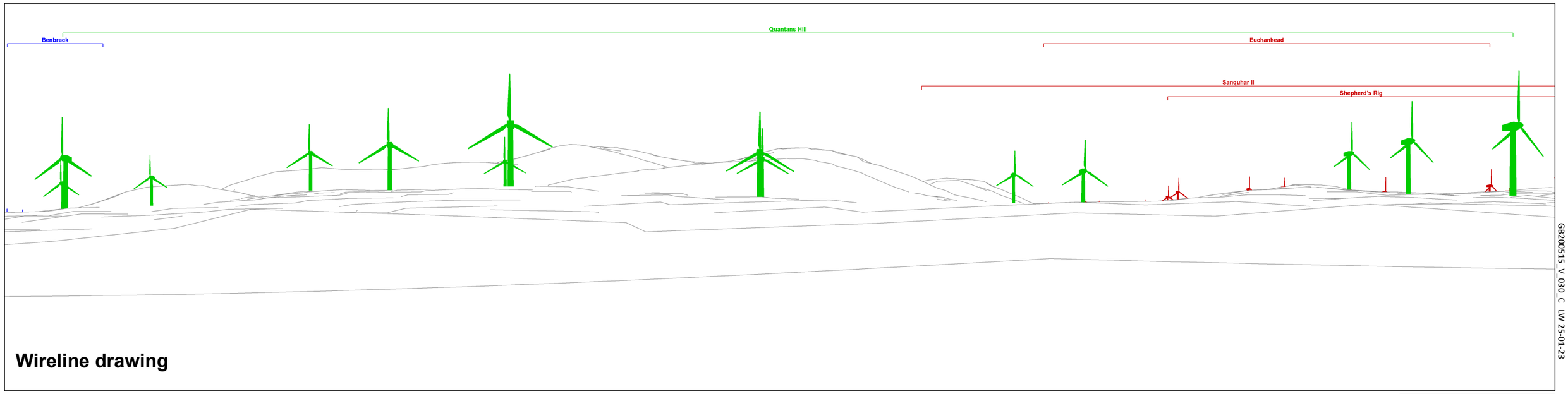
Wireline drawing

Quantans Hill Wind Farm
Residential Figure A5.5.7
Viewpoint 7: Old Burnfoot Cottage

- Proposed Quantans Hill Wind Farm
- Other proposed wind farm

OS reference:	259009E 592300N	Nearest turbine:	T11
Eye level:	161 m AOD	Minimum distance:	1.5 km
Direction to centre of wireline:	19°	Theoretical number of tips visible:	14
Horizontal field of view:	100° (cylindrical projection)	Theoretical number of hubs visible:	14





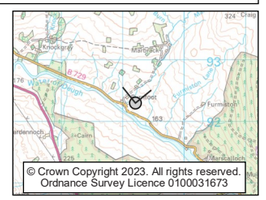
Wireline drawing

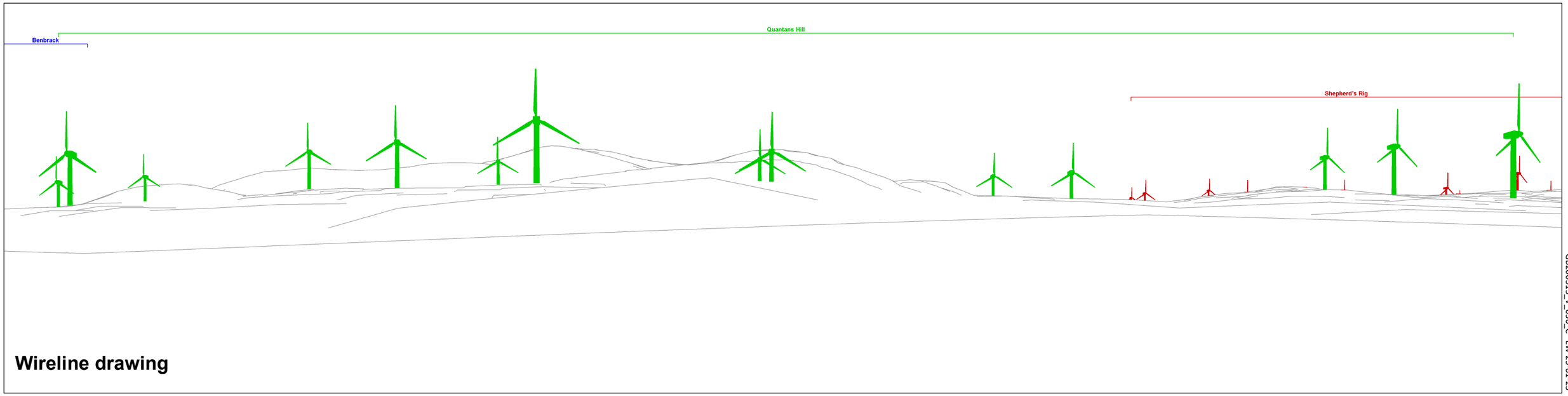
GB200515_V_030_C LW 25-01-23

Quantans Hill Wind Farm
Residential Figure A5.5.8
Viewpoint 8: Burnfoot

- Proposed Quantans Hill Wind Farm
- Consented wind farm
- Other proposed wind farm

OS reference:	259207E 592296N	Nearest turbine:	T14
Eye level:	171 m AOD	Minimum distance:	1.4 km
Direction to centre of wireline:	14°	Theoretical number of tips visible:	14
Horizontal field of view:	100° (cylindrical projection)	Theoretical number of hubs visible:	14





Wireline drawing

GB200515_V_030_C LW 25-01-23

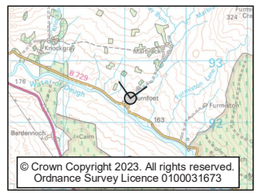
Quantans Hill Wind Farm
Residential Figure A5.5.9
Viewpoint 9: Burniston

- Proposed Quantans Hill Wind Farm
- Other proposed wind farm

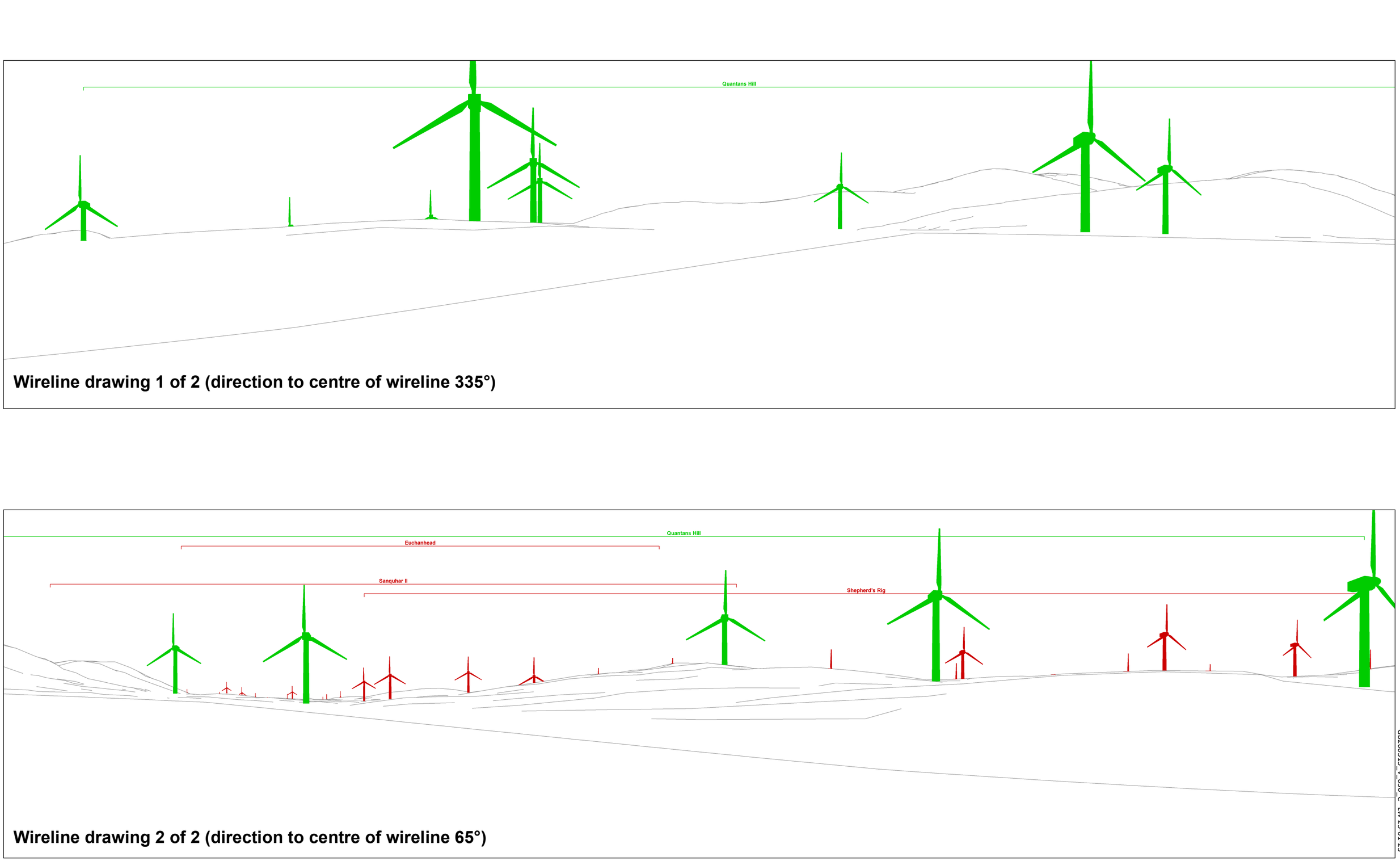
natural power

VATTENFALL

OS reference:	259094E 592391N	Nearest turbine:	T14
Eye level:	170 m AOD	Minimum distance:	1.4 km
Direction to centre of wireline:	18°	Theoretical number of tips visible:	14
Horizontal field of view:	105° (cylindrical projection)	Theoretical number of hubs visible:	14



Wireline drawing 1 of 2 (direction to centre of wireline 335°)



Wireline drawing 2 of 2 (direction to centre of wireline 65°)

GB200515_V_030_C LW 25-01-23

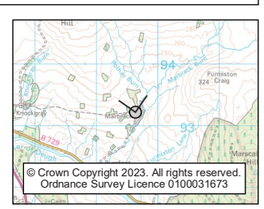
Quantans Hill Wind Farm
Residential Figure A5.5.10
Viewpoint 10: Marbrack & Marbrack Cottage

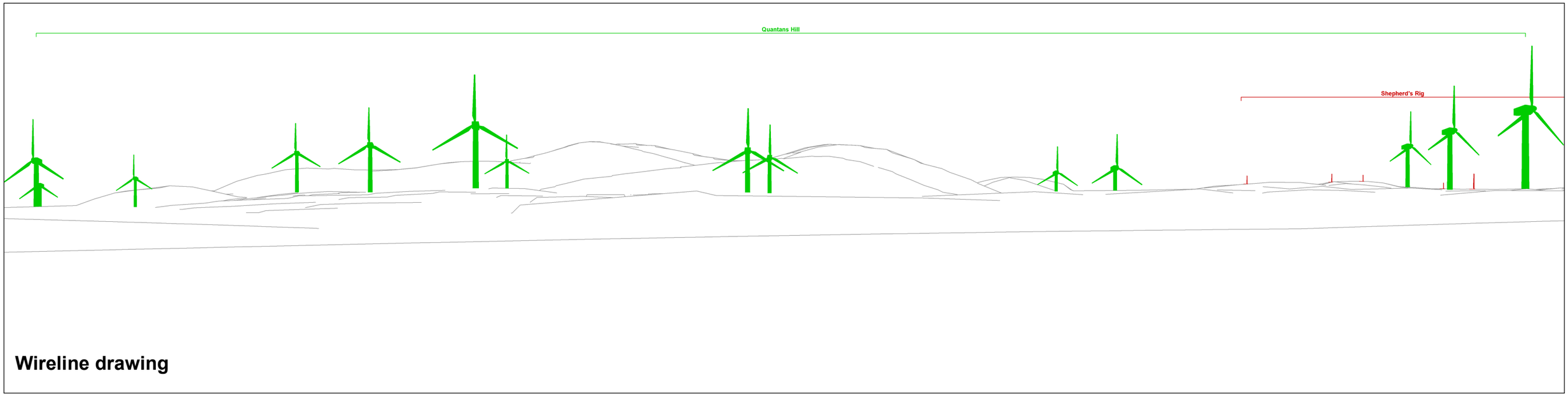
Proposed Quantans Hill Wind Farm
Other proposed wind farm

natural power

VATTENFALL

OS reference:	259636E 593216N	Nearest turbine:	T11
Eye level:	216 m AOD	Minimum distance:	0.8 km
Direction to centre of wireline:	(see above)	Theoretical number of tips visible:	14
Horizontal field of view:	2x90° (cylindrical projection)	Theoretical number of hubs visible:	13





Wireline drawing

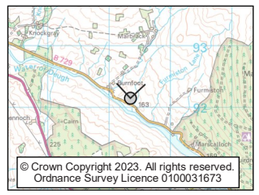
Quantans Hill Wind Farm
Residential Figure A5.5.11
Viewpoint 11: Polwhim

- Proposed Quantans Hill Wind Farm
- Other proposed wind farm

natural power

VATTENFALL

OS reference:	259349E 592144N	Nearest turbine:	T14
Eye level:	164 m AOD	Minimum distance:	1.3 km
Direction to centre of wireline:	10°	Theoretical number of tips visible:	14
Horizontal field of view:	90° (cylindrical projection)	Theoretical number of hubs visible:	14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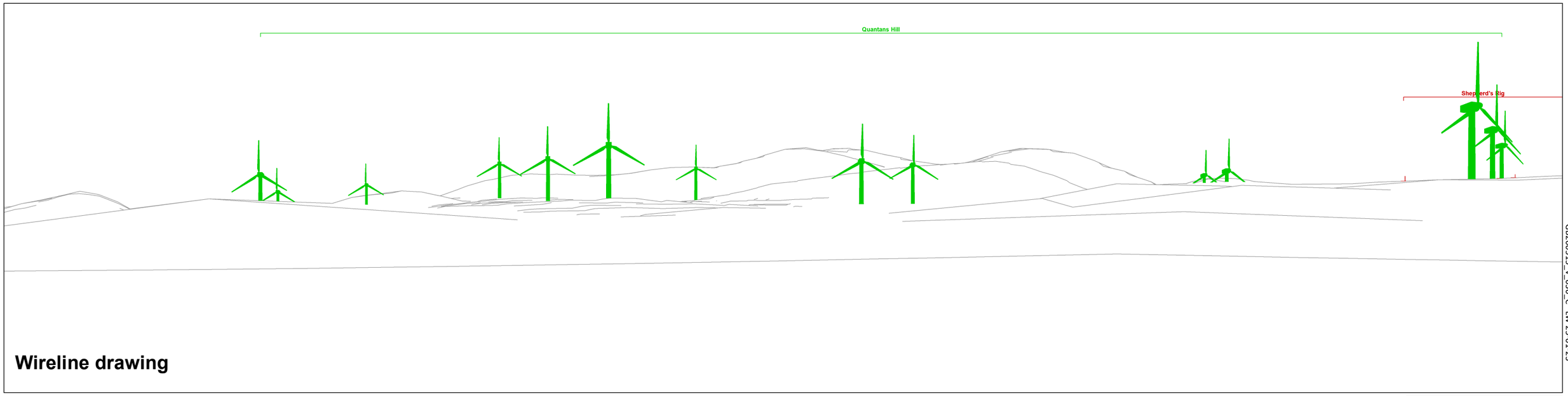


Wireline drawing

GB200515_V_030_C LW 25-01-23

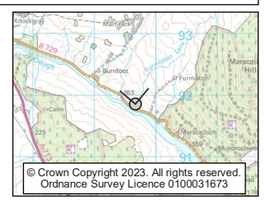
Quantans Hill Wind Farm
Residential Figure A5.5.12
Viewpoint 12: Kensglen

- Proposed Quantans Hill Wind Farm
- Other proposed wind farm

natural power

VATTENFALL

OS reference:	259670E 591855N	Nearest turbine:	T14
Eye level:	162 m AOD	Minimum distance:	1.3 km
Direction to centre of wireline:	355°	Theoretical number of tips visible:	14
Horizontal field of view:	90° (cylindrical projection)	Theoretical number of hubs visible:	14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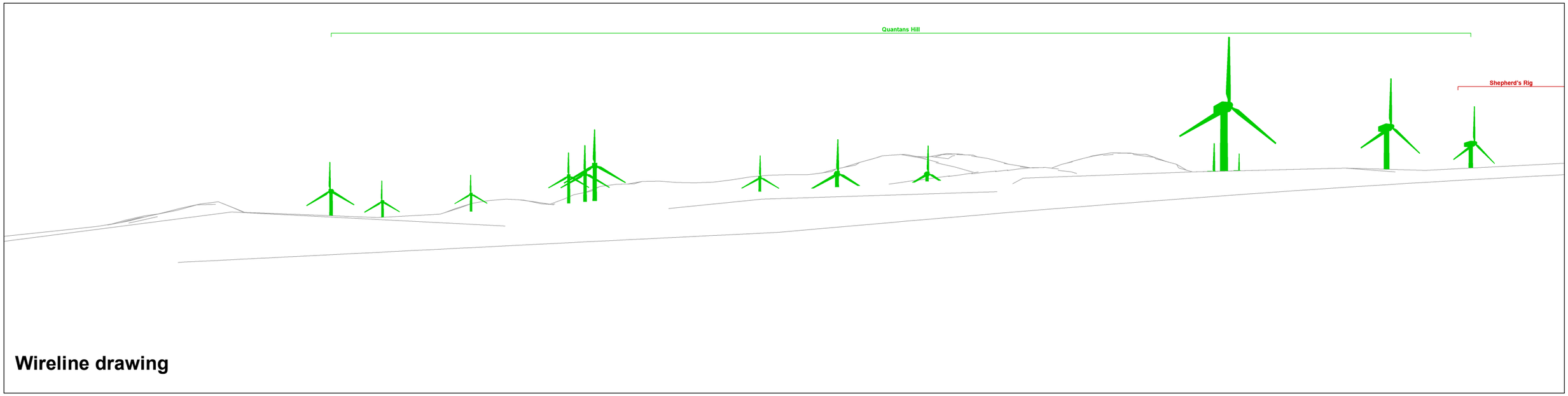


Wireline drawing

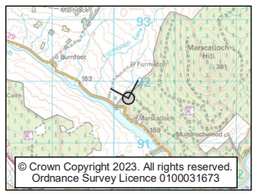
Quantans Hill Wind Farm
Residential Figure A5.5.13
Viewpoint 13: Netherloskie

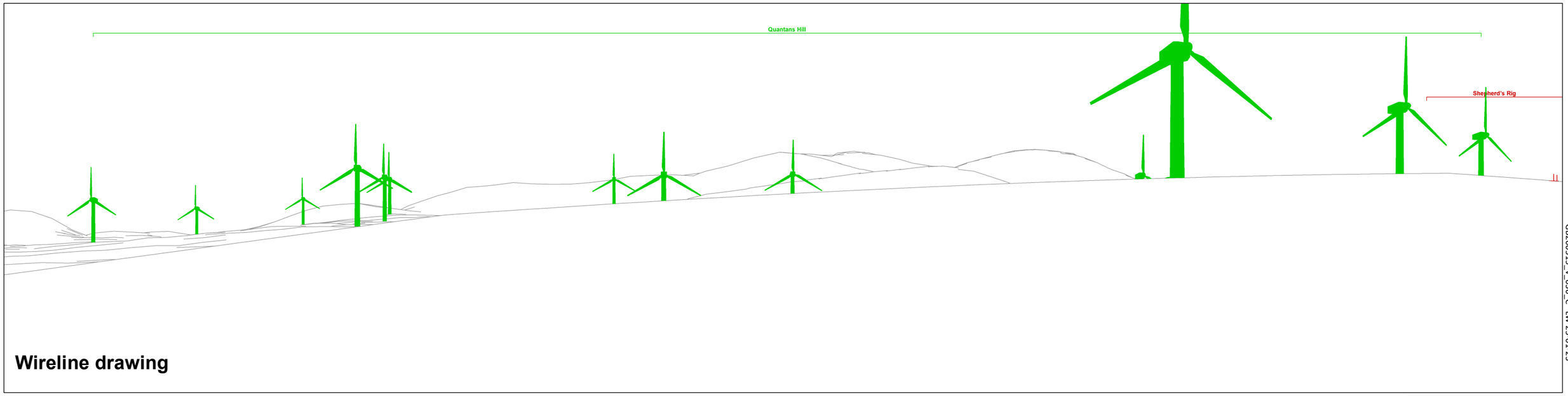
- Proposed Quantans Hill Wind Farm
- Other proposed wind farm

natural power

VATTENFALL

OS reference:	260241E 591723N	Nearest turbine:	T14
Eye level:	175 m AOD	Minimum distance:	1.2 km
Direction to centre of wireline:	343°	Theoretical number of tips visible:	14
Horizontal field of view:	90° (cylindrical projection)	Theoretical number of hubs visible:	12





Wireline drawing

GB200515_V_030_C LW 25-01-23

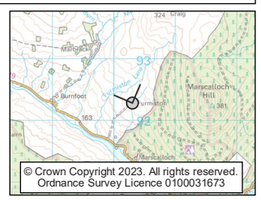
Quantans Hill Wind Farm
Residential Figure A5.5.14
Viewpoint 14: Furmiston

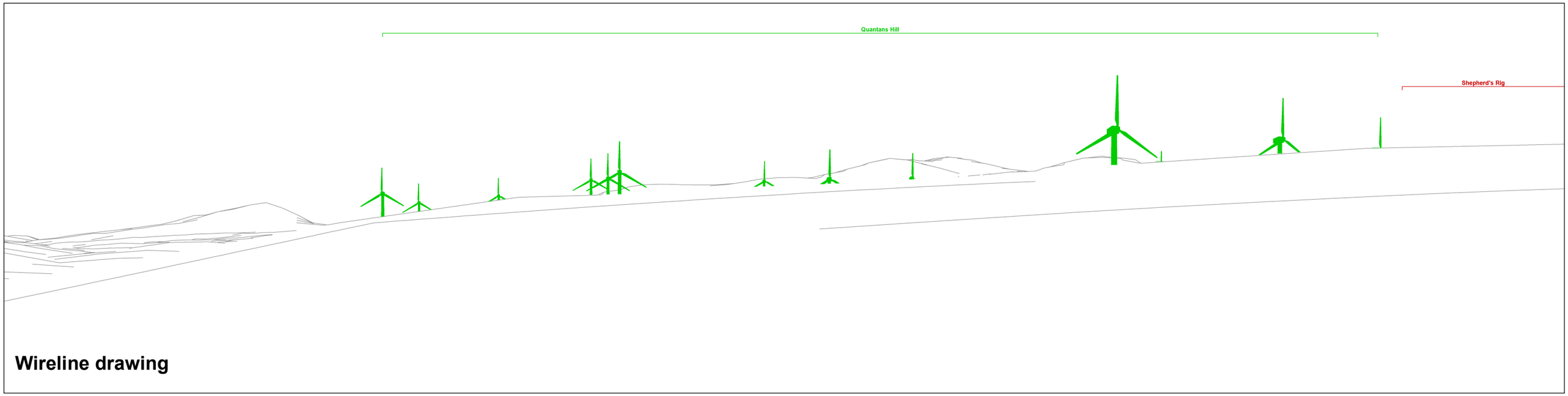
- Proposed Quantans Hill Wind Farm
- Other proposed wind farm

natural power

VATTENFALL

OS reference:	260303E 592280N	Nearest turbine:	T14
Eye level:	218 m AOD	Minimum distance:	0.7 km
Direction to centre of wireline:	348°	Theoretical number of tips visible:	14
Horizontal field of view:	90° (cylindrical projection)	Theoretical number of hubs visible:	13



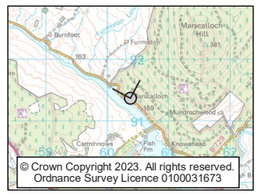


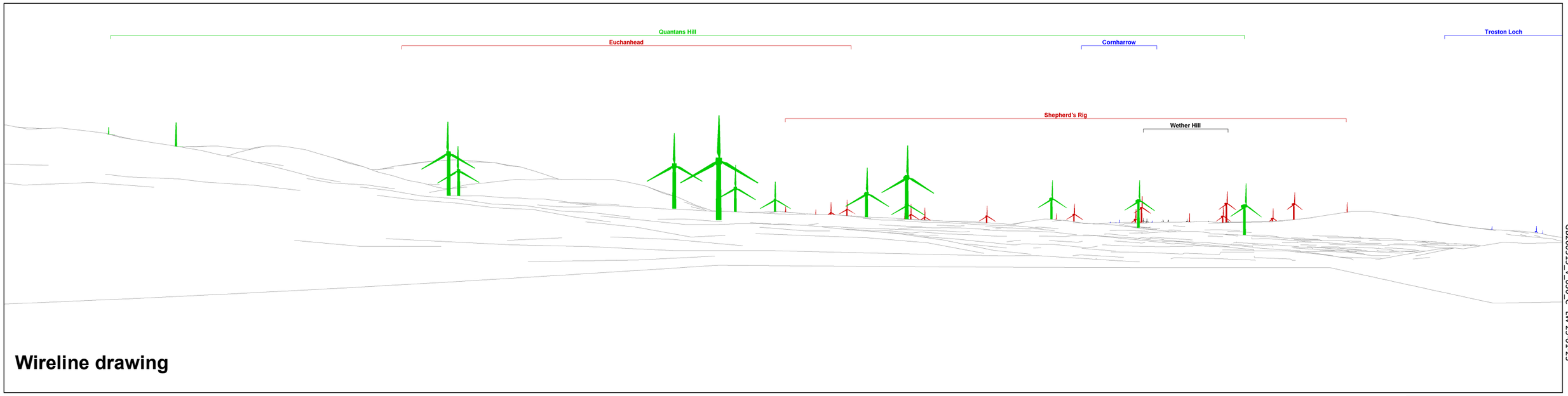
Wireline drawing

Quantans Hill Wind Farm
Residential Figure A5.5.15
Viewpoint 15: Marscalloch Cottage

- Proposed Quantans Hill Wind Farm
- Other proposed wind farm

OS reference:	260378E 591364N	Nearest turbine:	T14
Eye level:	161 m AOD	Minimum distance:	1.6 km
Direction to centre of wireline:	343°	Theoretical number of tips visible:	13
Horizontal field of view:	90° (cylindrical projection)	Theoretical number of hubs visible:	11





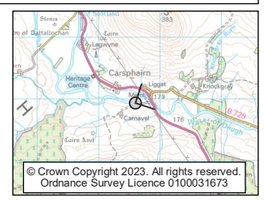
Wireline drawing

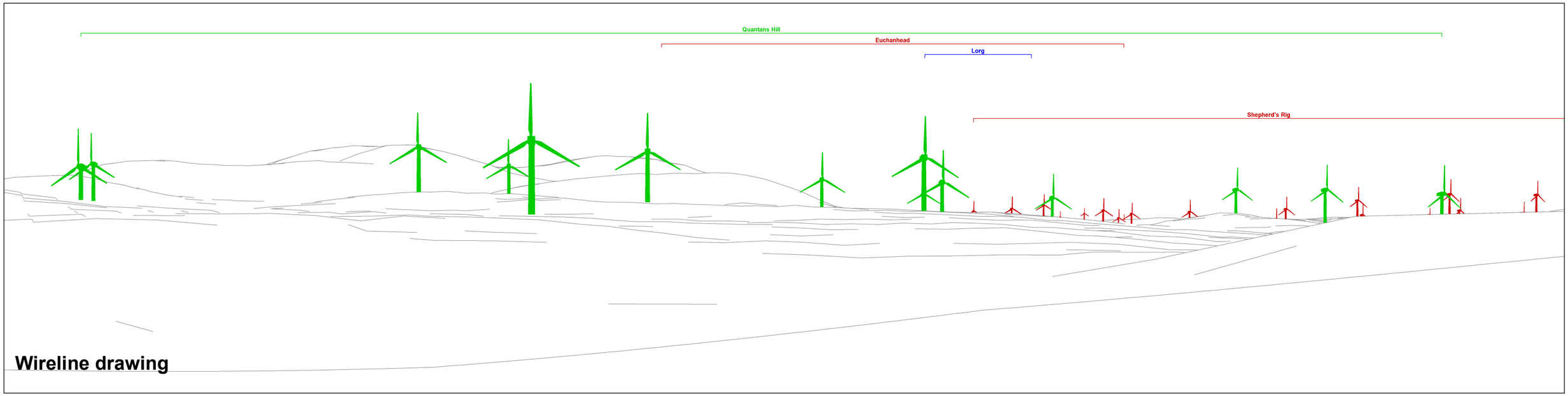
GB200515_V_030_C LW 25-01-23

Quantans Hill Wind Farm
Residential Figure A5.5.16
Viewpoint 16: Property near Liggat Bridge

- Proposed Quantans Hill Wind Farm
- Consented wind farm
- Other proposed wind farm

OS reference:	256601E 592931N	Nearest turbine:	T10
Eye level:	183 m AOD	Minimum distance:	1.9 km
Direction to centre of wireline:	63°	Theoretical number of tips visible:	14
Horizontal field of view:	90° (cylindrical projection)	Theoretical number of hubs visible:	12

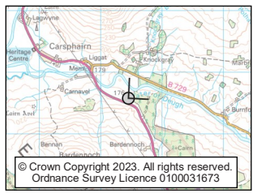




Quantans Hill Wind Farm
Residential Figure A5.5.17
Viewpoint 17: White Crook

- Proposed Quantans Hill Wind Farm
- Consented wind farm
- Other proposed wind farm

OS reference:	257453E 592577N	Nearest turbine:	T10
Eye level:	183 m AOD	Minimum distance:	1.5 km
Direction to centre of wireline:	45°	Theoretical number of tips visible:	14
Horizontal field of view:	90° (cylindrical projection)	Theoretical number of hubs visible:	14



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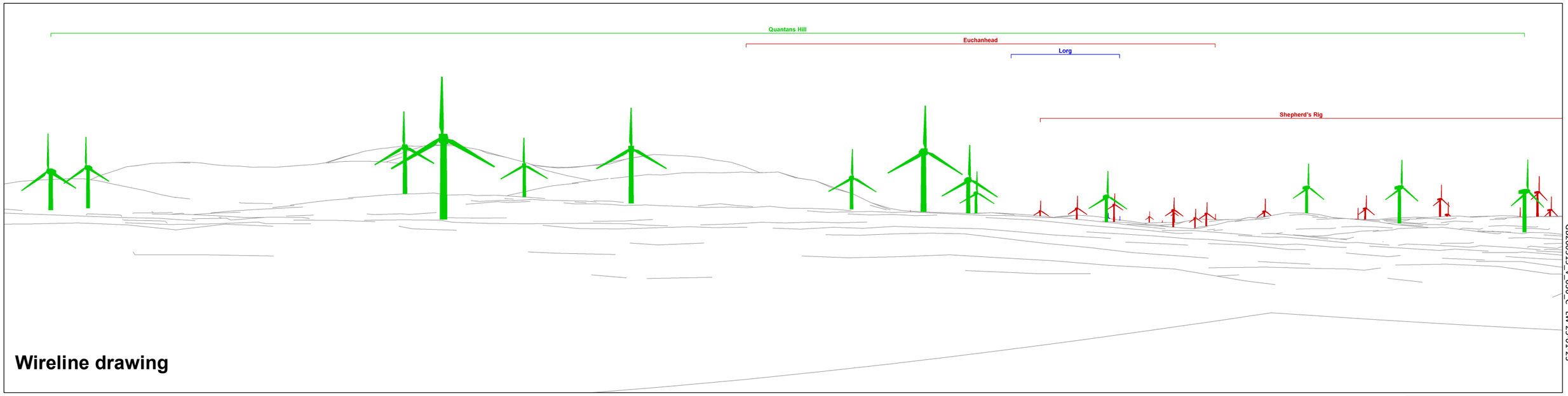

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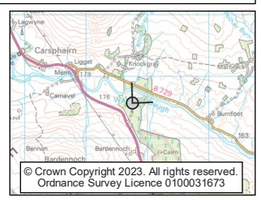
Quantans Hill Wind Farm
Residential Figure A5.5.18
Viewpoint 18: Cumnock Knowes

- Proposed Quantans Hill Wind Farm
- Consented wind farm
- Other proposed wind farm

OS reference:	257756E 592567N	Nearest turbine:	T10
Eye level:	194 m AOD	Minimum distance:	1.4 km
Direction to centre of wireline:	39°	Theoretical number of tips visible:	14
Horizontal field of view:	90° (cylindrical projection)	Theoretical number of hubs visible:	14



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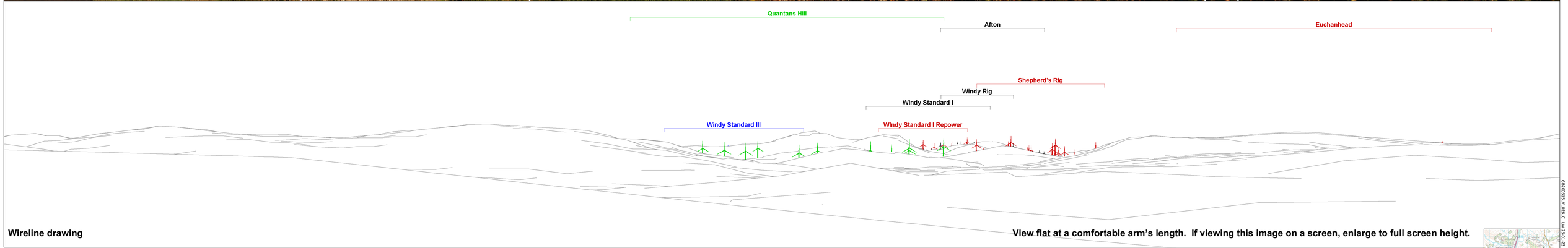


View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 9.10a Cultural Heritage Viewpoint 1: Earlstoun Castle

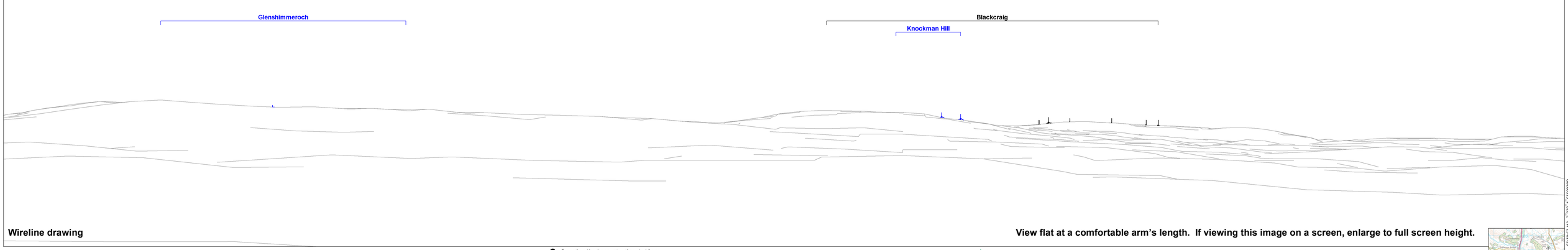
- Proposed development
- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	260711E 583874N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T14
Eye level:	58 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	9.1 km
Direction to centre of photograph:	353°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans tips visible:	11
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	21/11/2021 09:45	Theoretical number of Quantans hubs visible:	10

GB0501A_Quan_13_Fig10.9a.10.23



View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 9.10b Cultural Heritage Viewpoint 1: Earlstoun Castle

- Operational/under construction wind farm
- Consented wind farm

VATTENFALL

natural power

OS reference:	260711E 583874N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	58 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	83°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	21/11/2021 09:45

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View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 9.10c Cultural Heritage Viewpoint 1: Earlstoun Castle

VATTENFALL

natural power

OS reference:	260711E 583874N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	58 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	173°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	21/11/2021 09:45

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View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 9.10d Cultural Heritage Viewpoint 1: Earlstoun Castle

VATTENFALL

natural power

OS reference:	260711E 583874N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	58 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	263°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	21/11/2021 09:45

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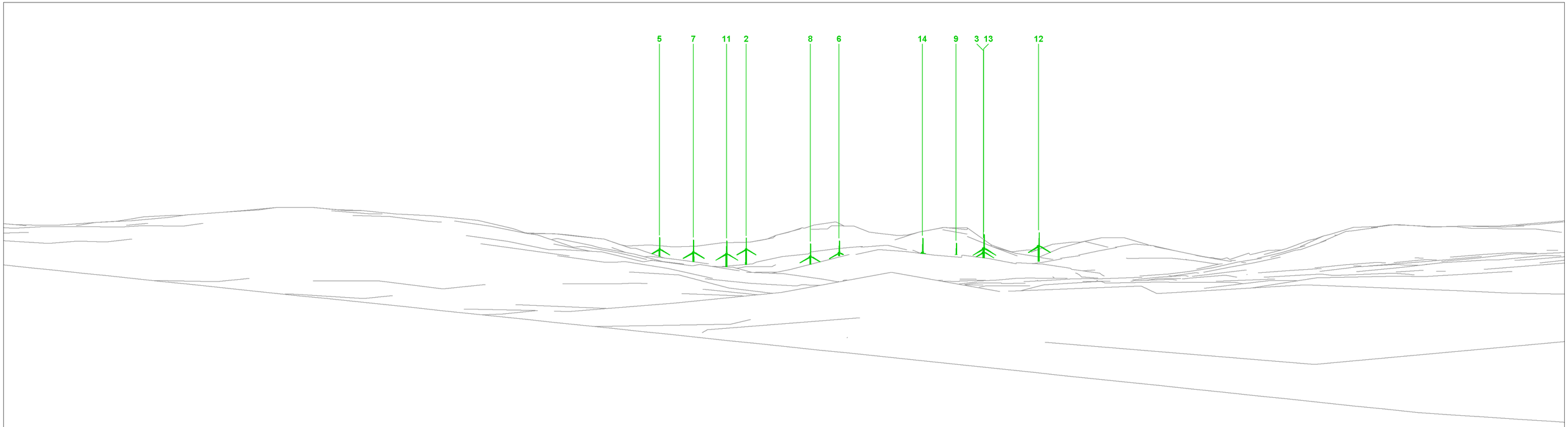

Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 9.10e Cultural Heritage Viewpoint 1: Earlstoun Castle

Proposed development

VATTENFALL

natural power

OS reference:	260711E 583874N	Horizontal field of view:	53.5° (planar projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T14
Eye level:	58 m AOD	Vertical field of view:	18.2°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	9.1 km
Direction to centre of wireline:	353°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	11
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	10

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View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

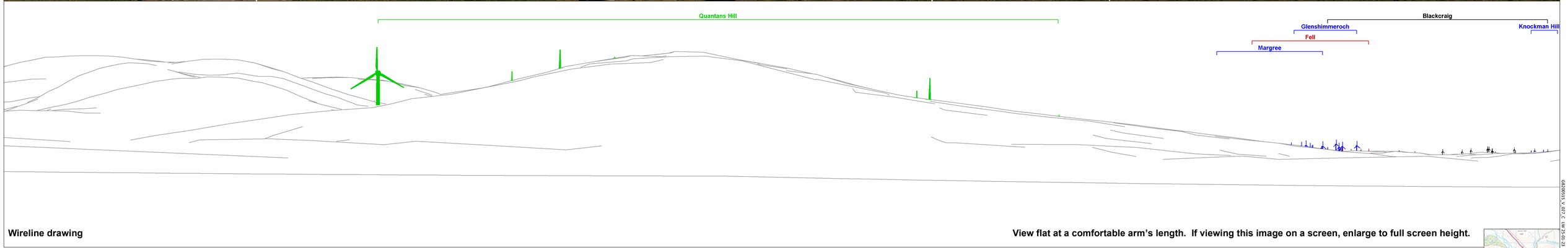
Quantans Hill Wind Farm
Figure 9.10f Cultural Heritage Viewpoint 1: Earlstoun Castle

VATTENFALL

natural power

OS reference:	260711E 583874N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T14
Eye level:	58 m AOD	Vertical field of view:	18.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	9.1 km
Direction to centre of photograph:	353°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	11
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	21/11/2021 09:45	Theoretical number of Quantans Hill hubs visible:	10

d:\projects\LV_QHC_LW_FIG9.10.3



Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 9.11a Cultural Heritage Viewpoint 2: Holm of Daltallochan

- Proposed development
- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	255284E 594221N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T4
Eye level:	189 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	2.4 km
Direction to centre of photograph:	88°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans tips visible:	6
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	21/11/2021 14:30	Theoretical number of Quantans hubs visible:	1

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G:\8205\5.4_GD\7_LVIA\Fig9.11.3

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Consented wind farm

Quantans Hill Wind Farm
Figure 9.11b Cultural Heritage Viewpoint 2: Holm of Daltallochan

VATTENFALL

natural power

OS reference:	255284E 594221N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	189 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	178°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	21/11/2021 14:30

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G4080515_V_02_C_LW_FIG9.11

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 9.11c Cultural Heritage Viewpoint 2: Holm of Daltallochan

VATTENFALL

natural power

OS reference:	255284E 594221N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	189 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	268°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	21/11/2021 14:30

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View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 9.11d Cultural Heritage Viewpoint 2: Holm of Daltallochan

Consented wind farm
Other proposed wind farm

VATTENFALL

natural power

OS reference:	255284E 594221N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	189 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	358°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	21/11/2021 14:30

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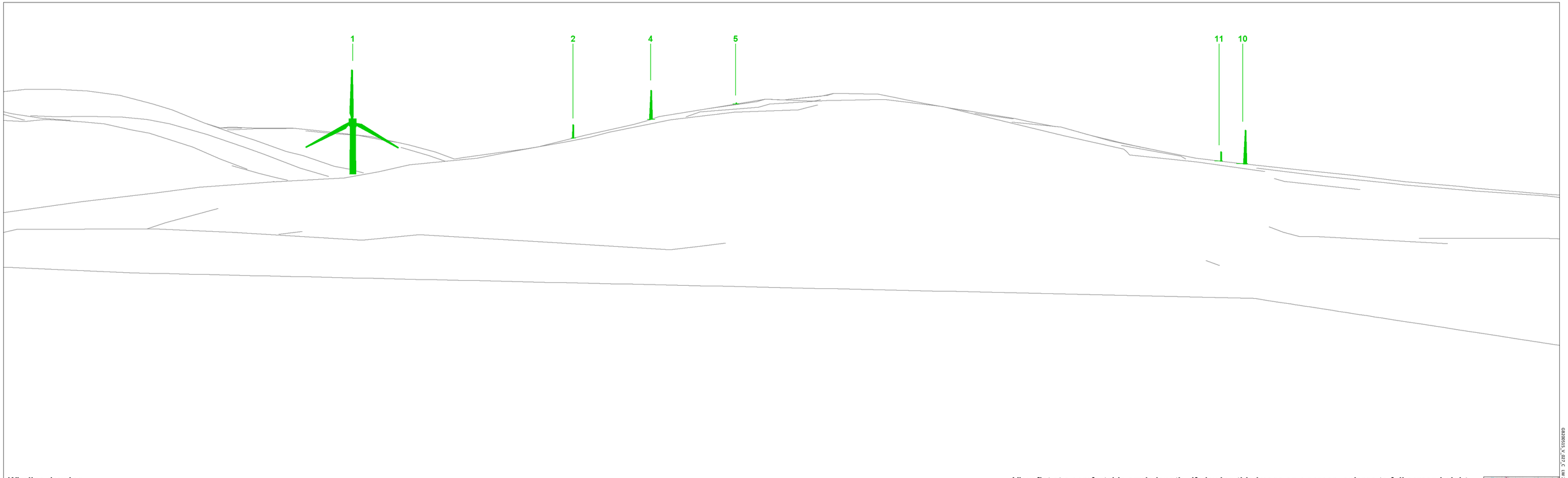

Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 9.11e Cultural Heritage Viewpoint 2: Holm of Daltallochan

Proposed development

VATTENFALL

natural power

OS reference:	255284E 594221N	Horizontal field of view:	53.5° (planar projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T4
Eye level:	189 m AOD	Vertical field of view:	18.2°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	2.4 km
Direction to centre of wireline:	88°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	6
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	1

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View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 9.11f Cultural Heritage Viewpoint 2: Holm of Daltallochan

VATTENFALL

natural power

OS reference:	255284E 594221N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T4
Eye level:	189 m AOD	Vertical field of view:	18.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	2.4 km
Direction to centre of photograph:	88°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	6
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	21/11/2021 14:30	Theoretical number of Quantans Hill hubs visible:	1

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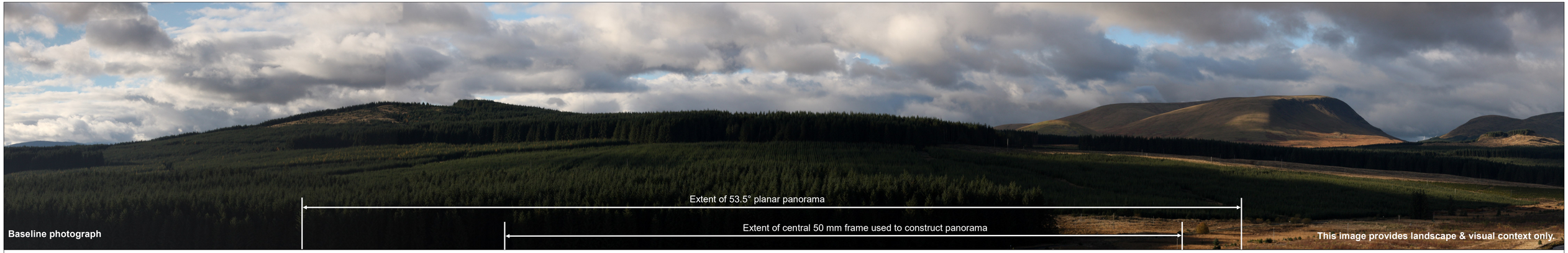

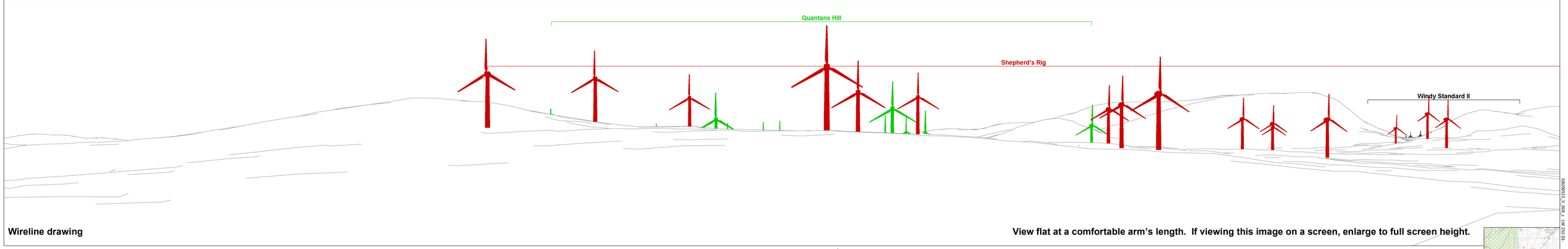

Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 9.12a Cultural Heritage Viewpoint 3: Stroanfreggan Craig Fort

- Proposed development
- Operational/under construction wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	263696E 592068N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T12
Eye level:	230 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	3.1 km
Direction to centre of photograph:	298°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans tips visible:	11
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	03/11/2021 14:15	Theoretical number of Quantans hubs visible:	5

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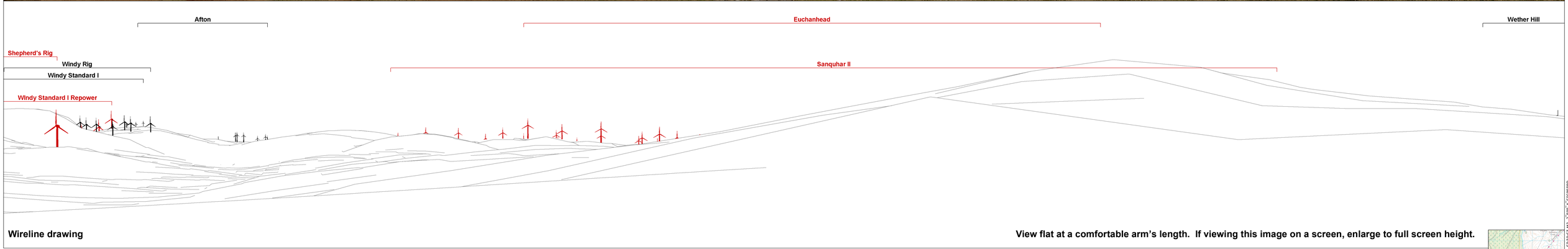

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 9.12b Cultural Heritage Viewpoint 3: Stroanfreggan Craig Fort

- Operational/under construction wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	263696E 592068N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	230 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	28°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	03/11/2021 14:15

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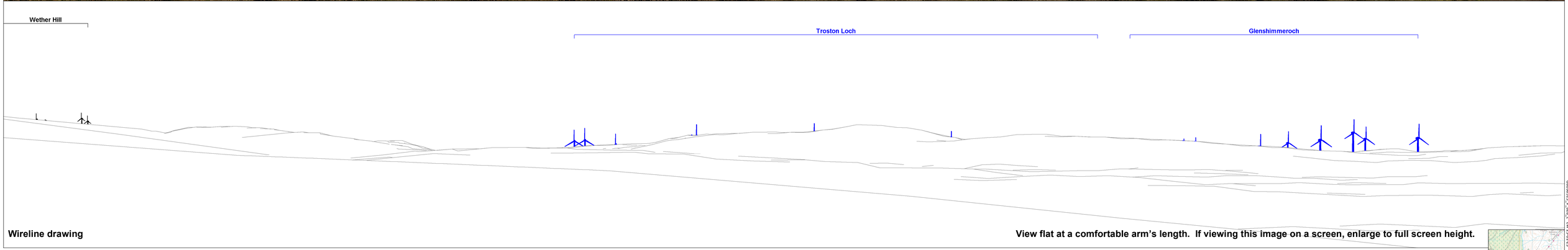

Quantans Hill Wind Farm
Figure 9.12c Cultural Heritage Viewpoint 3: Stroanfreggan Craig Fort

- Operational/under construction wind farm
- Consented wind farm

VATTENFALL

natural power

OS reference:	263696E 592068N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	230 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	118°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	03/11/2021 14:15

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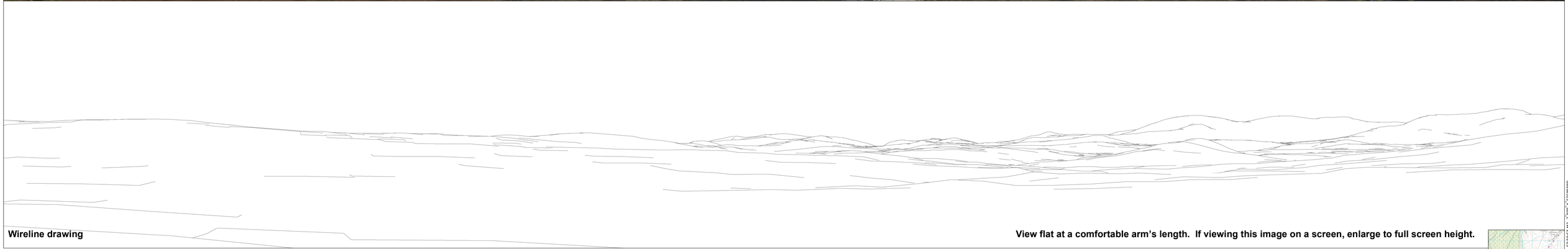

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 9.12d Cultural Heritage Viewpoint 3: Stroanfreggan Craig Fort

VATTENFALL

natural power

OS reference:	263696E 592068N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 1ds Mk III
Eye level:	230 m AOD	Vertical field of view:	14.2°	Lens:	50 mm f1.4
Direction to centre of photograph:	208°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Principal distance:	522 mm	Correct printed image size:	820 x 130 mm	Date and time of photograph:	03/11/2021 14:15

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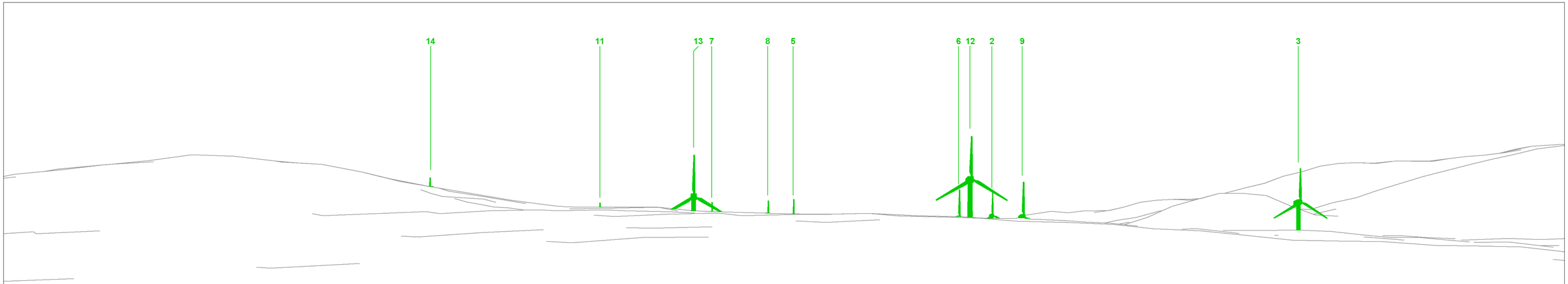

Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 9.12e Cultural Heritage Viewpoint 3: Stroanfreggan Craig Fort

Proposed development

VATTENFALL

natural power

OS reference:	263696E 592068N	Horizontal field of view:	53.5° (planar projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T12
Eye level:	230 m AOD	Vertical field of view:	18.2°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	3.1 km
Direction to centre of wireline:	298°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	11
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	5

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Quantans Hill Wind Farm

Figure 9.12f Cultural Heritage Viewpoint 3: Stroanfreggan Craig Fort

VATTENFALL

natural power

OS reference:	263696E 592068N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 1ds Mk III	Nearest Quantans Hill turbine:	T12
Eye level:	230 m AOD	Vertical field of view:	18.2°	Lens:	50 mm f1.4	Distance to nearest Quantans Hill turbine:	3.1 km
Direction to centre of photograph:	298°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	11
Principal distance:	812.5 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	03/11/2021 14:15	Theoretical number of Quantans Hill hubs visible:	5

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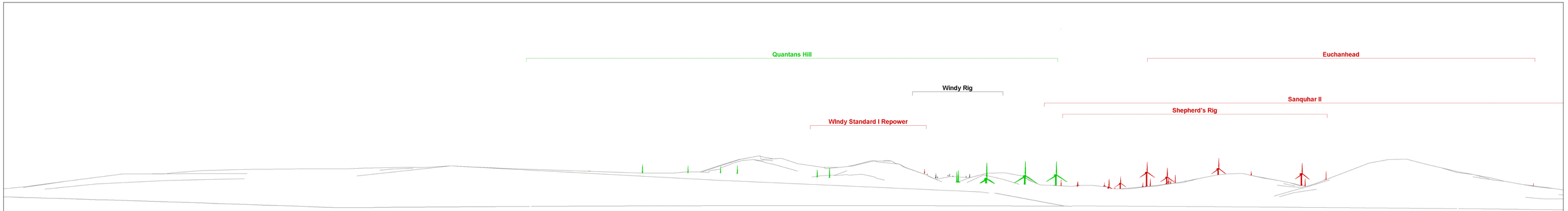

Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 9.13 Cultural Heritage Viewpoint 4: Polmaddy (SM5391)

- Proposed Quantans Hill Wind Farm
- Operational/under construction wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	259026E 587842N	Horizontal field of view:	90° (cylindrical projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T14
Eye level:	136 m AOD	Vertical field of view:	28.5°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	5.3 km
Direction to centre of photograph:	4°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	11
Principal distance:	522 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	3

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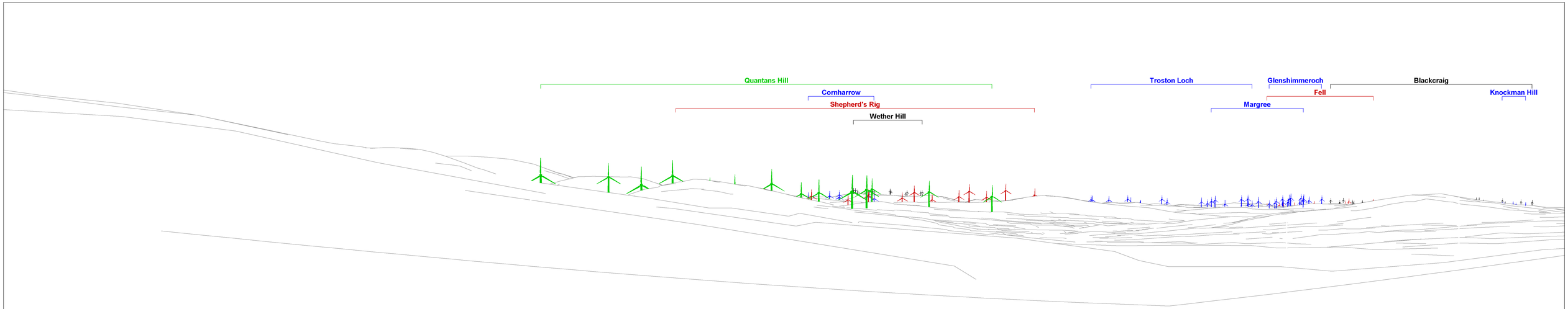

Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 9.14 Cultural Heritage Viewpoint 5: Woodhead Lead Mines (SM5184)

- Proposed Quantans Hill Wind Farm
- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	253133E 593687N	Horizontal field of view:	90° (cylindrical projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T3
Eye level:	267 m AOD	Vertical field of view:	28.5°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	4.8 km
Direction to centre of photograph:	84°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	522 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	11

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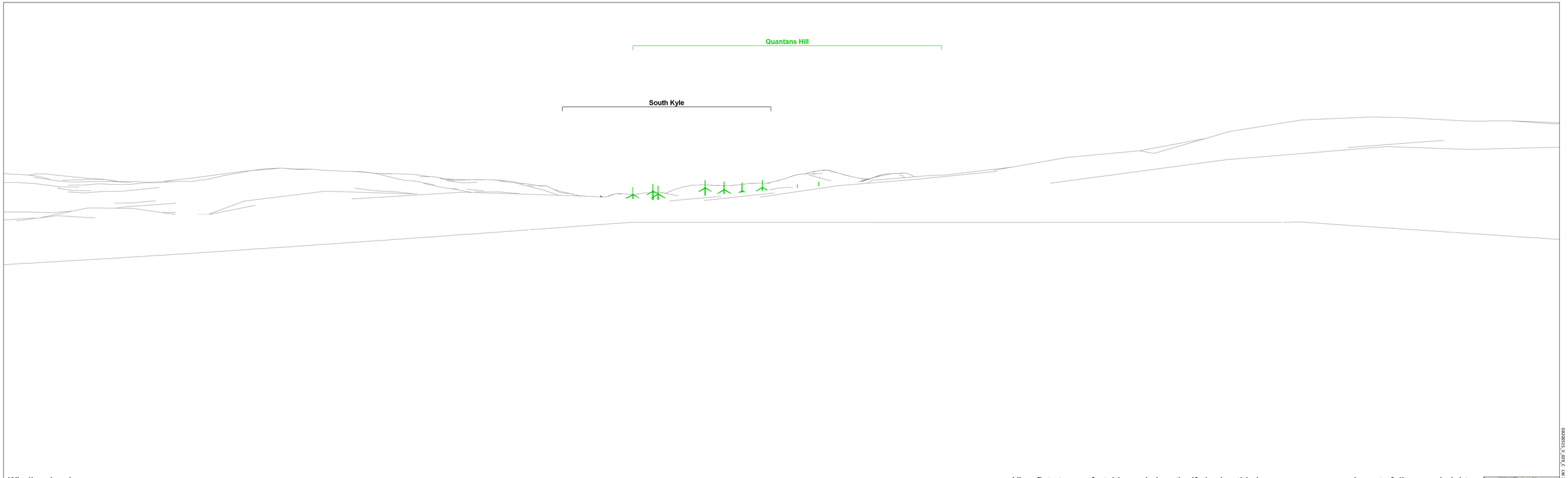

Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 9.15 Cultural Heritage Viewpoint 6: Earlston Castle (SM1118)

- Proposed Quantans Hill Wind Farm
- Operational/under construction wind farm

VATTENFALL

natural power

OS reference:	261274E 584029N	Horizontal field of view:	90° (cylindrical projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T14
Eye level:	89 m AOD	Vertical field of view:	28.5°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	9.0 km
Direction to centre of photograph:	350°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	10
Principal distance:	522 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	7

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Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 9.16 Cultural Heritage Viewpoint 7: Holm of Daltallochan Cross Slab (SM1106)

- Proposed Quantans Hill Wind Farm
- Operational/under construction wind farm
- Consented wind farm

VATTENFALL

natural power

OS reference:	255520E 594167N	Horizontal field of view:	90° (cylindrical projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T3
Eye level:	187 m AOD	Vertical field of view:	28.5°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	2.2 km
Direction to centre of photograph:	87°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	3
Principal distance:	522 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	1

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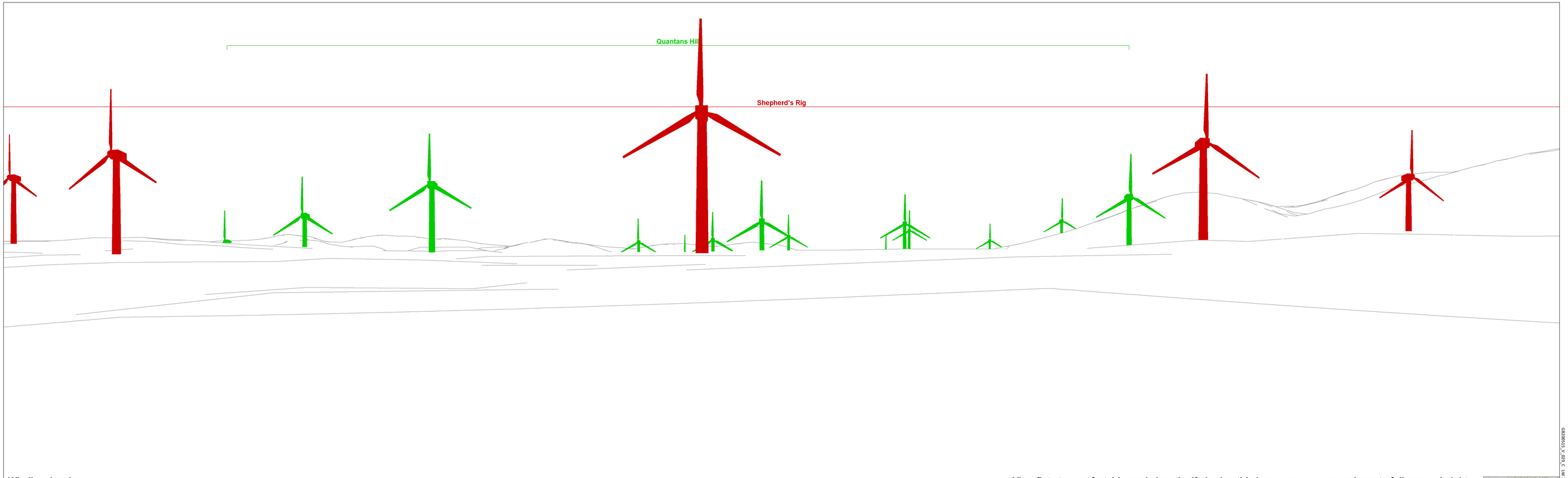

Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 9.17 Cultural Heritage Viewpoint 8: Craigengillan Cairn (SM2238)

Proposed Quantans Hill Wind Farm
Other proposed wind farm

VATTENFALL

natural power

OS reference:	262696E 594489N	Horizontal field of view:	90° (cylindrical projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T12
Eye level:	273 m AOD	Vertical field of view:	28.5°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	1.7 km
Direction to centre of photograph:	268°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	522 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	12

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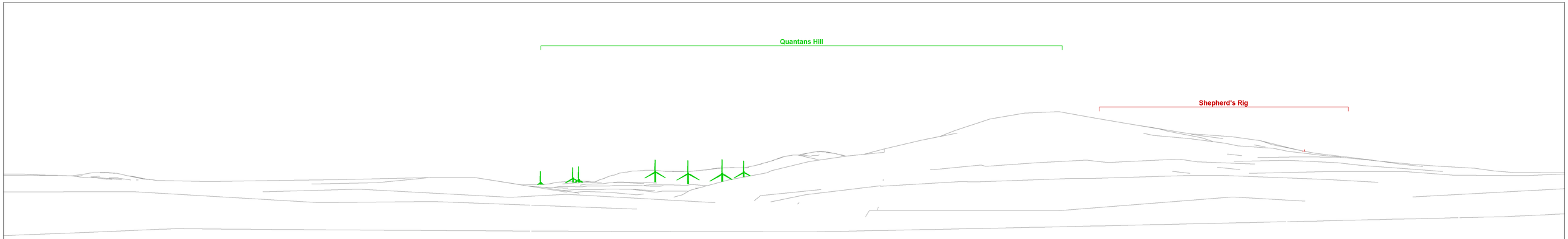

Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 9.18 Cultural Heritage Viewpoint 9: Dundeugh Castle (SM2476)

- Proposed Quantans Hill Wind Farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	260105E 588037N	Horizontal field of view:	90° (cylindrical projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T14
Eye level:	109 m AOD	Vertical field of view:	28.5°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	4.9 km
Direction to centre of photograph:	354°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	7
Principal distance:	522 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	7

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Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 9.19 Cultural Heritage Viewpoint 10: Braidenoch Hill Cross Slabs (SM1105)

- Operational/under construction wind farm
- Consented wind farm

VATTENFALL

natural power

OS reference:	257085E 590984N	Horizontal field of view:	90° (cylindrical projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T7
Eye level:	309 m AOD	Vertical field of view:	28.5°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	3.1 km
Direction to centre of photograph:	35°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	0
Principal distance:	522 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	0

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Wireline drawing

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View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm

Figure 9.20 Cultural Heritage Viewpoint 11: Lagwine Cairn (MDF3478)

VATTENFALL

natural power

OS reference:	256066E 593987N	Horizontal field of view:	90° (cylindrical projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T3
Eye level:	199 m AOD	Vertical field of view:	28.5°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	1.8 km
Direction to centre of photograph:	83°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	0
Principal distance:	522 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	0

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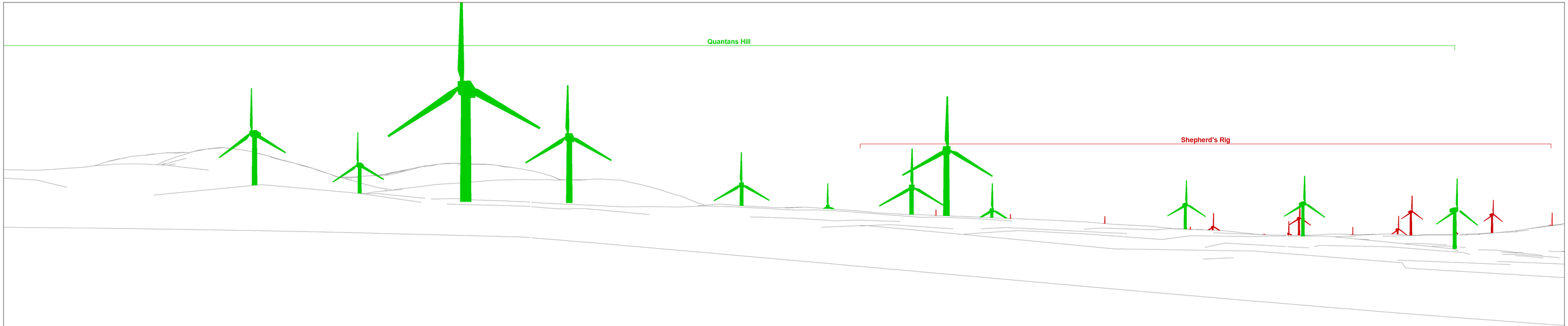

Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 9.21 Cultural Heritage Viewpoint 12: Knockgray Policies (MDG25538)

- Proposed Quantans Hill Wind Farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	257663E 593157N	Horizontal field of view:	90° (cylindrical projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T7
Eye level:	181 m AOD	Vertical field of view:	28.5°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	0.9 km
Direction to centre of photograph:	56°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	522 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	14

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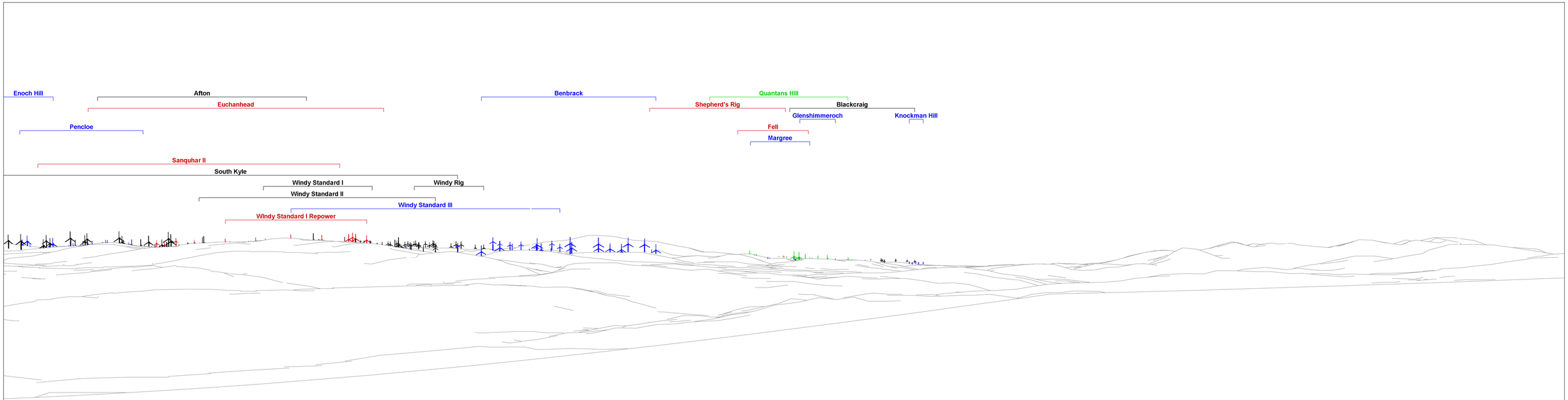

Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 9.22 Cultural Heritage Viewpoint 13: Craigengillan (GDL111)

- Proposed Quantans Hill Wind Farm
- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	245007E 605098N	Horizontal field of view:	90° (cylindrical projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T1
Eye level:	362 m AOD	Vertical field of view:	28.5°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	16.0 km
Direction to centre of photograph:	126°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	12
Principal distance:	522 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	2

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Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 9.23 Cultural Heritage Viewpoint 14: Little Auchrae (MDG11404)

- Proposed Quantans Hill Wind Farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	263854E 593974N	Horizontal field of view:	90° (cylindrical projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T12
Eye level:	251 m AOD	Vertical field of view:	28.5°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	2.7 km
Direction to centre of photograph:	275°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	522 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	12

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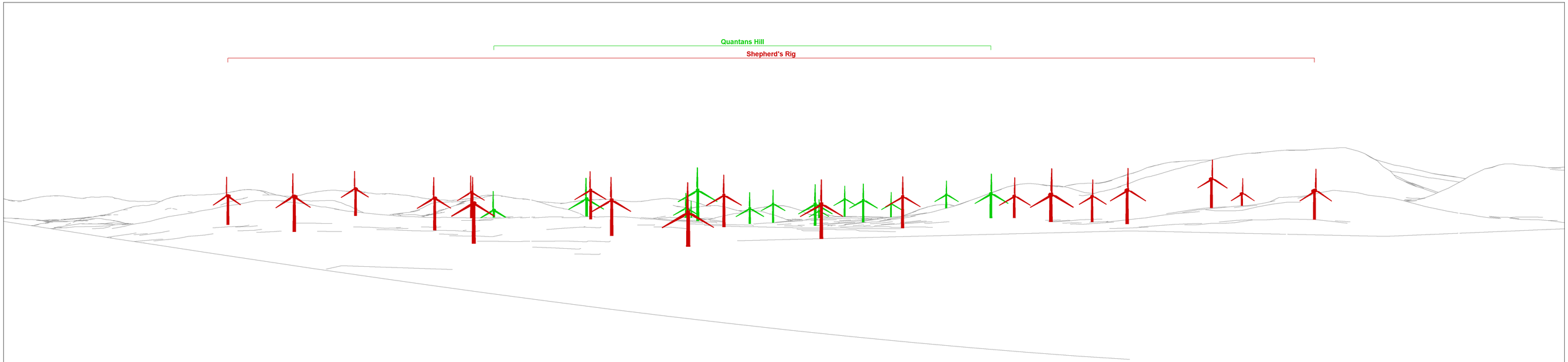

Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 9.24 Cultural Heritage Viewpoint 15: Round Craigs (MDG3944)

- Proposed Quantans Hill Wind Farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	264866E 593742N	Horizontal field of view:	90° (cylindrical projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T12
Eye level:	310 m AOD	Vertical field of view:	28.5°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	3.7 km
Direction to centre of photograph:	277°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	522 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	14

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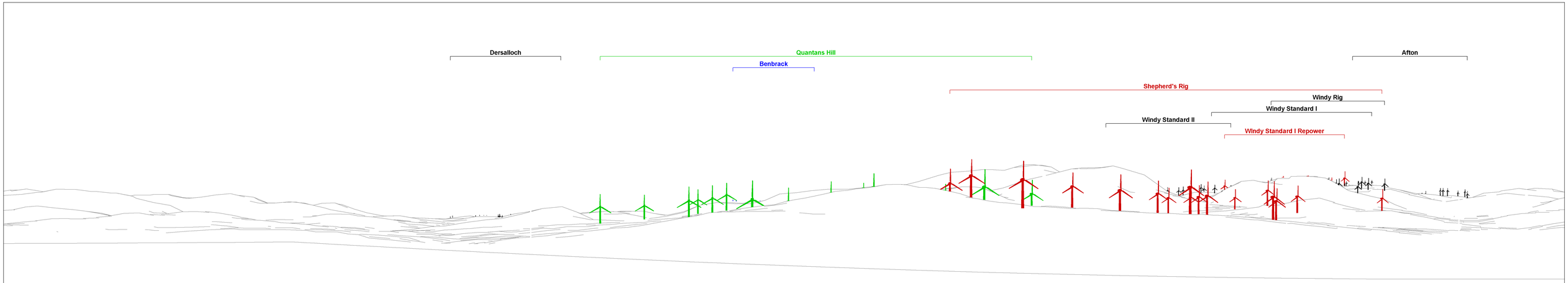

Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 9.25 Cultural Heritage Viewpoint 16: Culmark Hill (MDG3845)

- Proposed Quantans Hill Wind Farm
- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	263422E 589556N	Horizontal field of view:	90° (cylindrical projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T14
Eye level:	260 m AOD	Vertical field of view:	28.5°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	4.5 km
Direction to centre of photograph:	320°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	522 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	9

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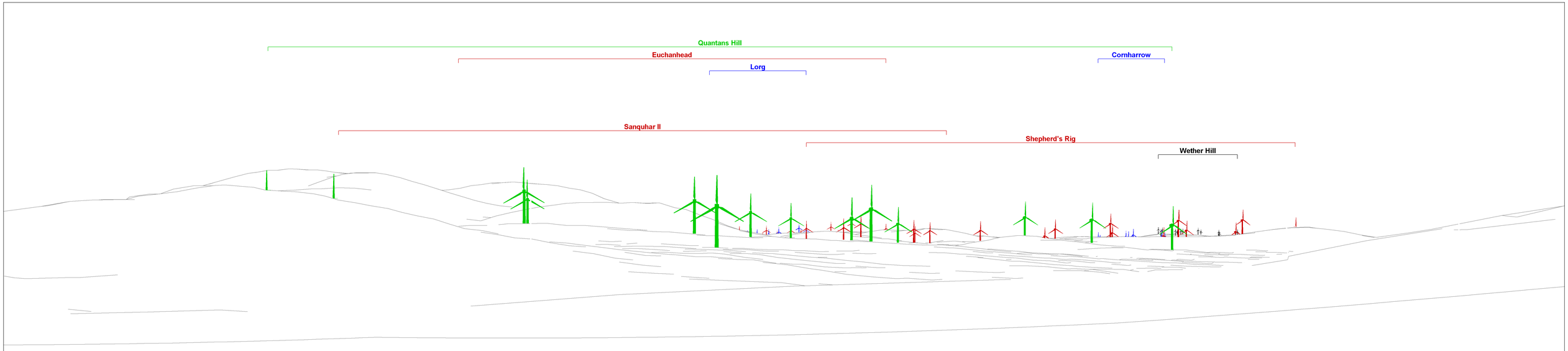

Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 9.26 Cultural Heritage Viewpoint 17: Bardennoch-Garryhorn ASA

- Proposed Quantans Hill Wind Farm
- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	255932E 592367N	Horizontal field of view:	90° (cylindrical projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T7
Eye level:	213 m AOD	Vertical field of view:	28.5°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	2.8 km
Direction to centre of photograph:	60°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	522 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	12

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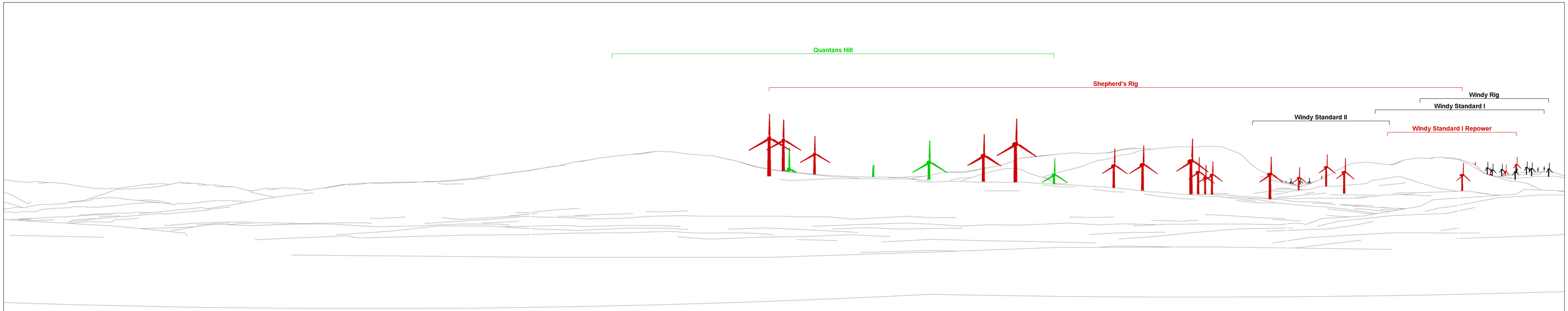

Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 9.27 Cultural Heritage Viewpoint 18: Stroanfreggan ASA

- Proposed Quantans Hill Wind Farm
- Operational/under construction wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	264000E 591000N	Horizontal field of view:	90° (cylindrical projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T13
Eye level:	198 m AOD	Vertical field of view:	28.5°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	4.0 km
Direction to centre of photograph:	307°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	8
Principal distance:	522 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	4

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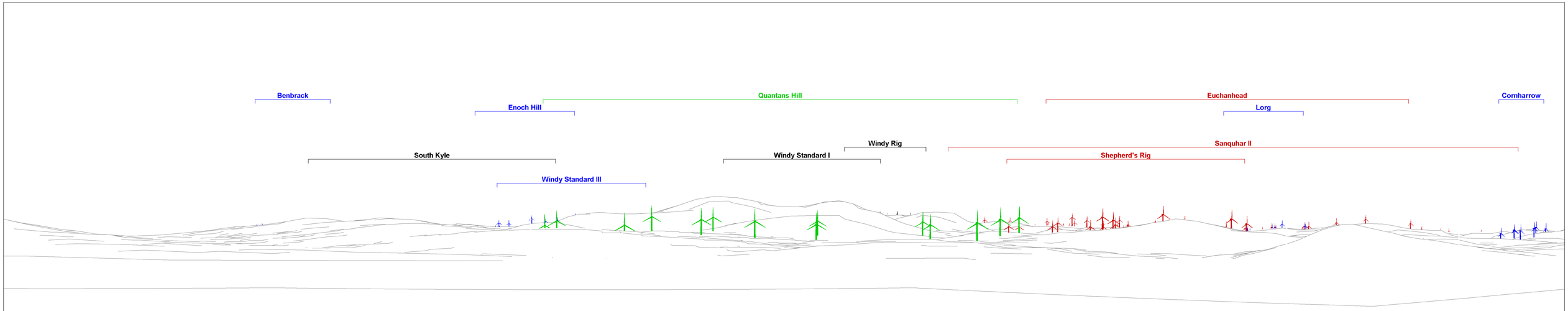

Wireline drawing

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

Quantans Hill Wind Farm
Figure 9.28 Cultural Heritage Viewpoint 19: Polharrow Burn ASA

- Proposed Quantans Hill Wind Farm
- Operational/under construction wind farm
- Consented wind farm
- Other proposed wind farm

VATTENFALL

natural power

OS reference:	258000E 587000N	Horizontal field of view:	90° (cylindrical projection)	Camera:	n/a	Nearest Quantans Hill turbine:	T14
Eye level:	173 m AOD	Vertical field of view:	28.5°	Lens:	n/a	Distance to nearest Quantans Hill turbine:	6.4 km
Direction to centre of photograph:	11°	Paper size:	841 x 297 mm (half A1)	Viewer height:	1.5 m AGL	Theoretical number of Quantans Hill tips visible:	14
Principal distance:	522 mm	Correct printed image size:	820 x 260 mm	Date and time of photograph:	n/a	Theoretical number of Quantans Hill hubs visible:	14

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The Greenhouse
Forrest Estate, Dalry
Castle Douglas
DG7 3XS
Scotland

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