

Volume 7C Caledonia North Appendices

Appendix 12-3 Seascape, Landscape and Visual Impact Assessment Visualisations (Part 2)

Caledonia Offshore Wind Farm Ltd

5th Floor Atria One, 144 Morrison Street, Edinburgh, EH3 8EX





Rev: Issued

Date: 18 October 2024

Volume 7C Appendix 12-3 Seascape, Landscape and Visual Impact Assessment Visualisations (Part 2)

Code	UKCAL-CWF-CON-EIA-RPT-00007-7C07
Revision	Issued
Date	18 October 2024



Rev: Issued

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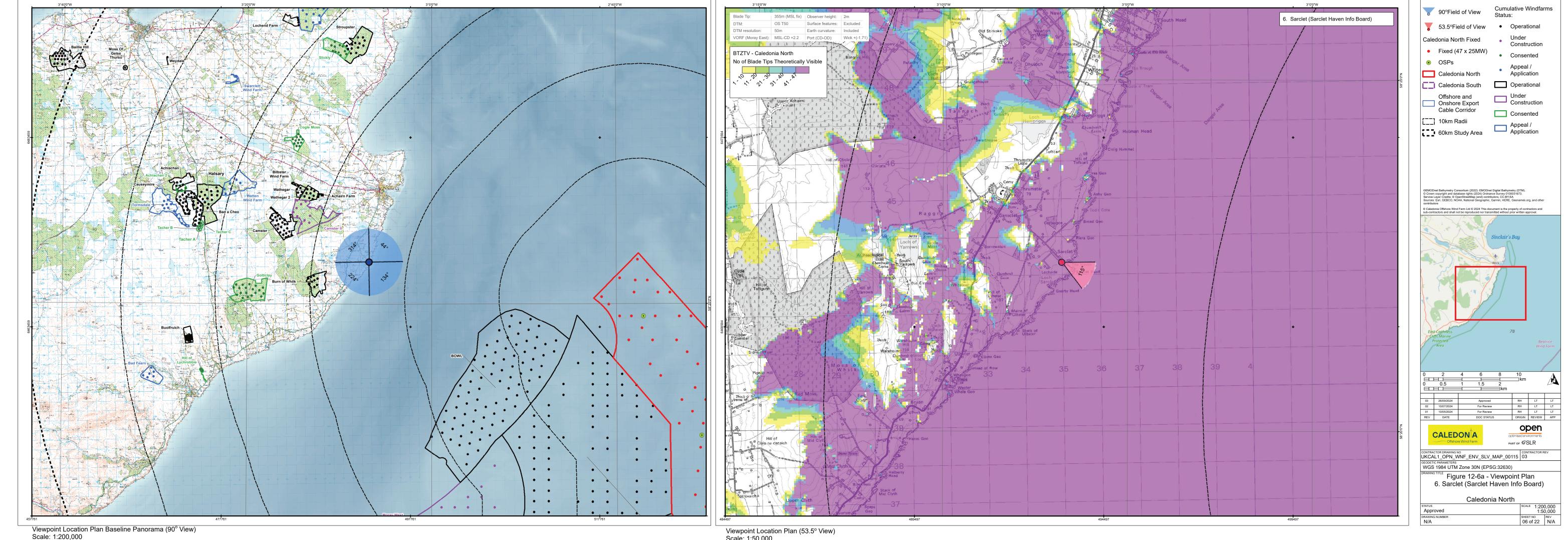


Rev: Issued

Date: 18 October 2024

Acronyms and Abbreviations

втиту	Blade Tip Zone of Theoretical Visibility
OSP	Offshore Substation Platform



Scale: 1:50,000



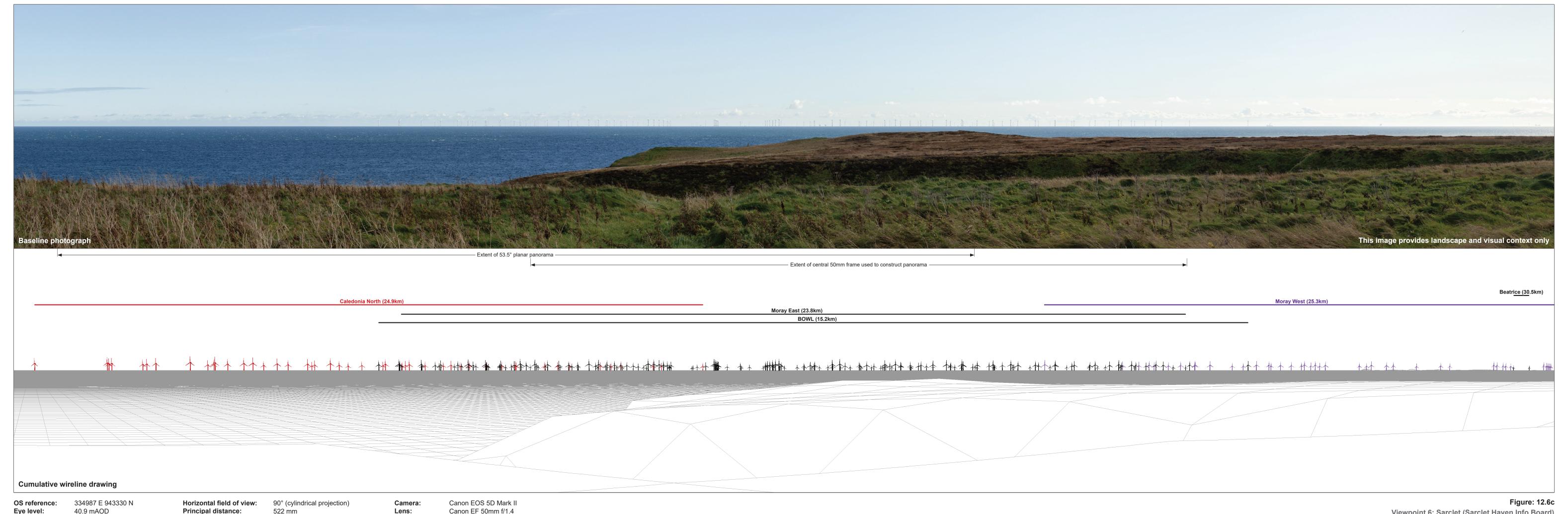
OS reference: 334987 E 943330 N 40.9 mAOD

Eye level: Direction of view: 44° Nearest turbine: 24.85 km

Principal distance: 522 mm 841 x 297 mm (half A1) Paper size: Correct printed image size: 820 x 130 mm

Canon EF 50mm f/1.4 Camera height: 1.5 m **Date and time:** 16.10.2023 12:39

Viewpoint 6: Sarclet (Sarclet Haven Info Board)



Direction of view: 134°

Nearest turbine: 24.85 km

Principal distance: Paper size: 841 x 297 mm (half A1) Correct printed image size: 820 x 130 mm

Camera height: 1.5 m

Canon EF 50mm f/1.4 **Date and time:** 16.10.2023 12:39

Viewpoint 6: Sarclet (Sarclet Haven Info Board) © Crown copyright, All rights reserved (2023). Licence number 0100031673



OS reference: 334987 E 943330 N **Eye level:** 40.9 mAOD

Direction of view: 224°

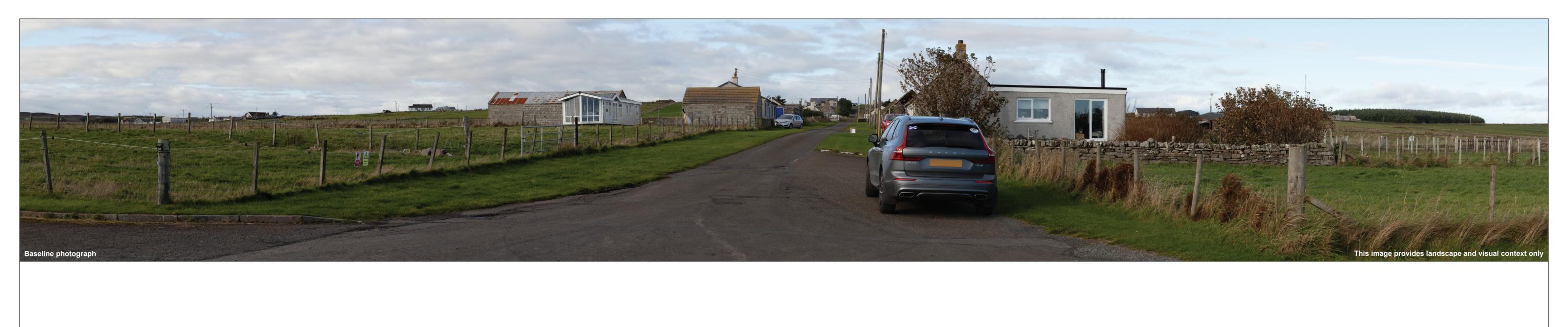
Nearest turbine: 24.85 km

Horizontal field of view: 90° (cylindrical projection) 522 mm 841 x 297 mm (half A1) Principal distance: Paper size: Correct printed image size: 820 x 130 mm

Camera: Camera height: 1.5 m

Canon EOS 5D Mark II Canon EF 50mm f/1.4 **Date and time:** 16.10.2023 12:39

Figure: 12.6d Viewpoint 6: Sarclet (Sarclet Haven Info Board) © Crown copyright, All rights reserved (2023). Licence number 0100031673



Cumulative wireline drawing

OS reference: 334987 E 943330 N 40.9 mAOD Eye level:

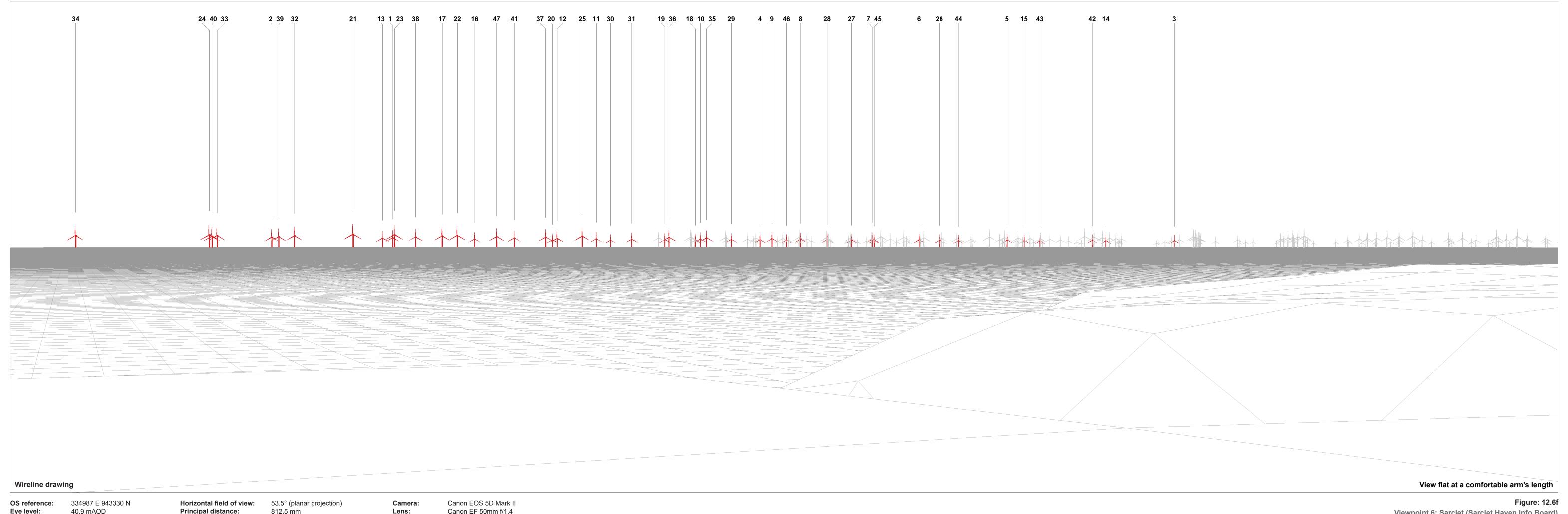
Direction of view: 314°
Nearest turbine: 24.85 km

Horizontal field of view: 90° (cylindrical projection) Principal distance: 522 mm 841 x 297 mm (half A1) Paper size: Correct printed image size: 820 x 130 mm

Canon EOS 5D Mark II Canon EF 50mm f/1.4 Camera: Camera height: 1.5 m

Date and time: 16.10.2023 12:39

Figure: 12.6e Viewpoint 6: Sarclet (Sarclet Haven Info Board) © Crown copyright, All rights reserved (2023). Licence number 0100031673



OS reference: 334987 E 9433 Eye level: 40.9 mAOD Direction of view: 115° Nearest turbine: 24.85 km

Principal distance: 53.5° (planar projection)
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Canon EOS 5D Mar Lens: Canon EF 50mm f/1 Camera height: 1.5 m Date and time: 16.10.2023 12:39

Figure: 12.6f
Viewpoint 6: Sarclet (Sarclet Haven Info Board)

Caledonia North

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OS reference: 334987 E 943330 N 40.9 mAOD Eye level: Direction of view: 115° Nearest turbine: 24.85 km

53.5° (planar projection) Horizontal field of view: Principal distance: 812.5 mm 841 x 297 mm (half A1) Paper size: Correct printed image size: 820 x 260 mm

Canon EOS 5D Mark II Camera: Lens: Camera height: 1.5 m

Canon EF 50mm f/1.4 **Date and time:** 16.10.2023 12:39

Operational and Under Construction offshore wind farms have been photomontaged in this view.

Viewpoint 6: Sarclet (Sarclet Haven Info Board) © Crown copyright, All rights reserved (2023). Licence number 0100031673



OS reference: 334987 E 943330 N Eye level: 40.9 mAOD Direction of view: 115°

Nearest turbine: 24.85 km

Horizontal field of view: 53.5° (planar projection)

Principal distance: 812.5 mm

Paper size: 841 x 297 mm (half A1)

Correct printed image size: 820 x 260 mm

lanar projection)

m

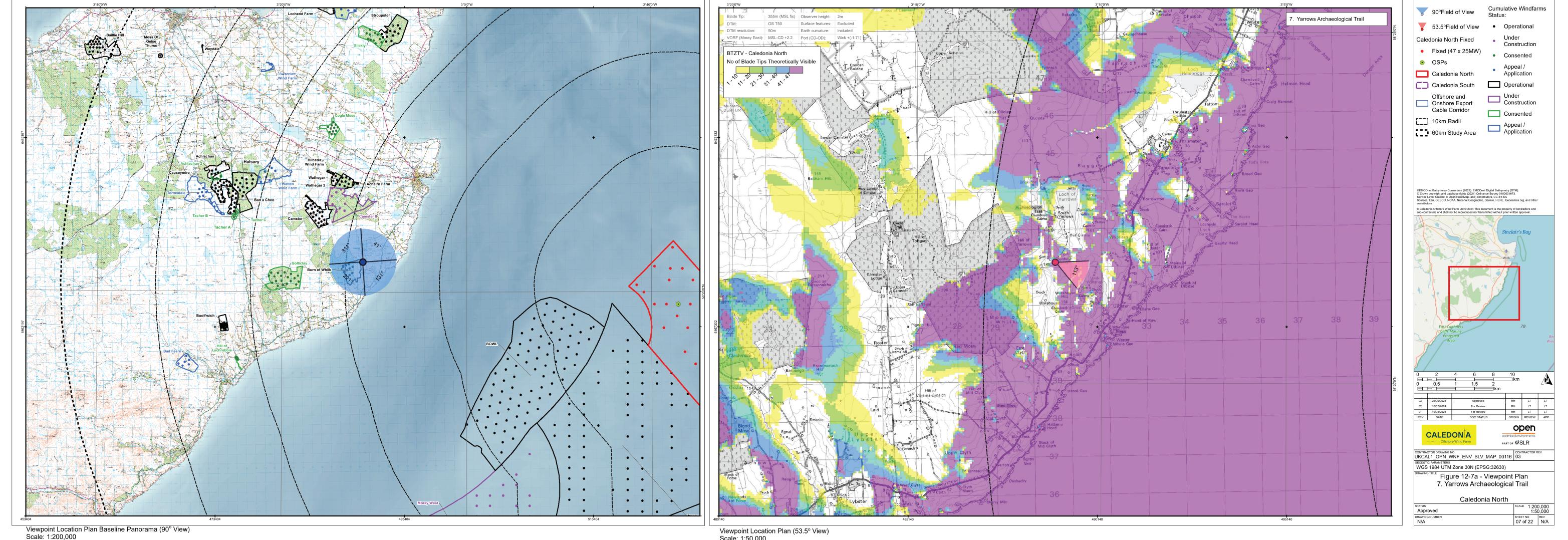
Lens:
Camera horizontal Camera horizontal

Lens: Canon EF 50mm f/1.4
Camera height: 1.5 m
Date and time: 16.10.2023 12:39

Operational and Under Construction offshore wind farms have been photomontaged in this view.

Figure: 12.6h
Viewpoint 6: Sarclet (Sarclet Haven Info Board)
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Scale: 1:50,000



Hoy (51.6km) Ore Brae, Hoy (51.3km)

Slickly (23.1km)

Hesta Head (48.3km)

Achairn Farm (8.2km)

Cumulative wireline drawing

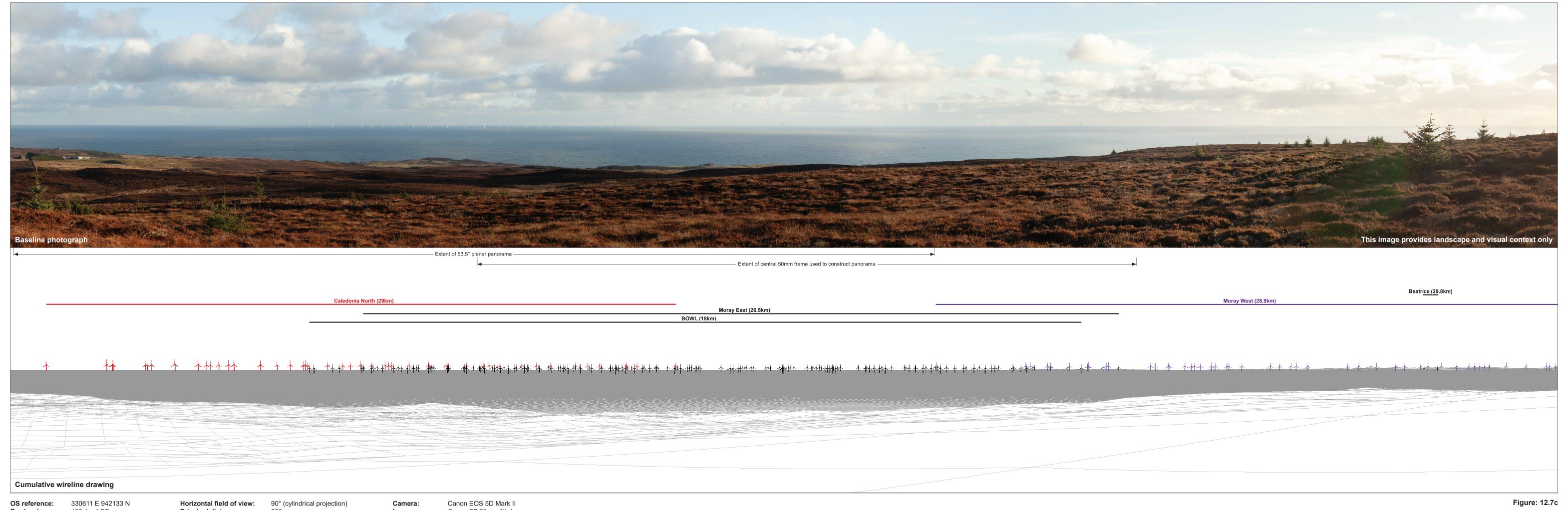
OS reference: 330611 E 942133 N Eye level: 182.1 mAOD

Direction of view: 41° Nearest turbine: 29.04 km

Horizontal field of view: 90° (cylindrical projection) Principal distance: 522 mm 841 x 297 mm (half A1) Paper size: Correct printed image size: 820 x 130 mm

Canon EOS 5D Mark II Camera: Canon EF 50mm f/1.4 Camera height: 1.5 m Date and time: 11.12.2023 13:02

Figure: 12.7b Viewpoint 7: Yarrows Archaeological Trail Caledonia North © Crown copyright, All rights reserved (2023). Licence number 0100031673



182.1 mAOD **Direction of view: 131°**

Nearest turbine: 29.04 km

Principal distance: 841 x 297 mm (half A1) Paper size: Correct printed image size: 820 x 130 mm

Camera height: 1.5 m **Date and time:** 11.12.2023 13:02

Canon EF 50mm f/1.4

Viewpoint 7: Yarrows Archaeological Trail © Crown copyright, All rights reserved (2023). Licence number 0100031673



OS reference: 330611 E 942133 N
Eye level: 182.1 mAOD
Direction of view: 221°
Nearest turbine: 29.04 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 130 mm

Camera: Canon EOS 5D Mark II
Lens: Canon EF 50mm f/1.4
Camera height: 1.5 m
Date and time: 11.12.2023 13:02

Figure: 12.7d
Viewpoint 7: Yarrows Archaeological Trail
Caledonia North

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Lochend Farm (26.5km)

Achairn Farm (8.2km)

Bilbster Wind Farm (9.9km) Cogle Moss (13.8km)

Wathegar 2 (8.1km)

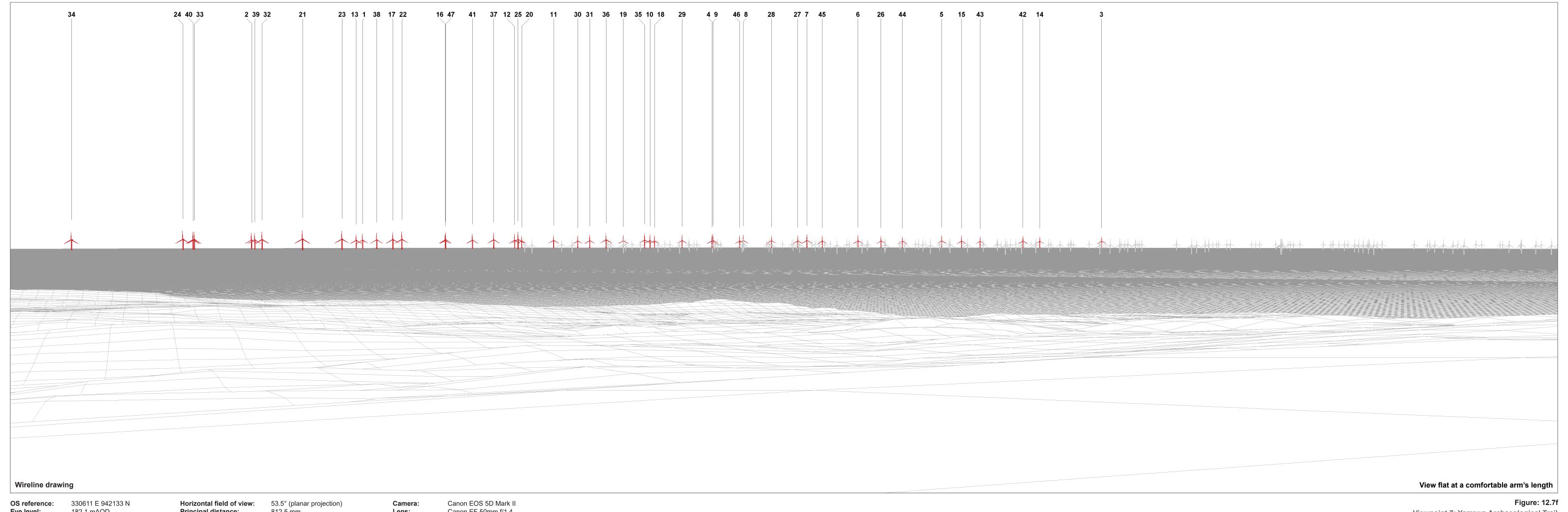
Cumulative wireline drawing

OS reference: 330611 E 942133 N 182.1 mAOD Eye level: Direction of view: 311°
Nearest turbine: 29.04 km

Horizontal field of view: 90° (cylindrical projection) 522 mm 841 x 297 mm (half A1) Principal distance: Paper size: Correct printed image size: 820 x 130 mm

Canon EOS 5D Mark II Camera: Canon EF 50mm f/1.4 Camera height: 1.5 m Date and time: 11.12.2023 13:02

Figure: 12.7e Viewpoint 7: Yarrows Archaeological Trail Caledonia North



Eye level: 182.1 mAOD Direction of view: 113°

Nearest turbine: 29.04 km

Principal distance: 812.5 mm 841 x 297 mm (half A1) Paper size: Correct printed image size: 820 x 260 mm

Canon EF 50mm f/1.4 Camera height: 1.5 m **Date and time:** 11.12.2023 13:02

Viewpoint 7: Yarrows Archaeological Trail © Crown copyright, All rights reserved (2023). Licence number 0100031673



OS reference: 330611 E 942133 N
Eye level: 182.1 mAOD
Direction of view: 113°
Nearest turbine: 29.04 km

Horizontal field of view: 53.5° (planar projection)

Principal distance: 812.5 mm

Paper size: 841 x 297 mm (half A1)

Correct printed image size: 820 x 260 mm

Camera: Canon EOS 5D Mark II
Lens: Canon EF 50mm f/1.4
Camera height: 1.5 m
Date and time: 11.12.2023 13:02

Operational and Under Construction offshore wind farms have been photomontaged in this view.

Figure: 12.7g
Viewpoint 7: Yarrows Archaeological Trail
Caledonia North
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OS reference: 330611 E 942133 N
Eye level: 182.1 mAOD
Direction of view: 113°
Nearest turbine: 29.04 km

Horizontal field of view: 53.5° (planar projection)

Principal distance: 812.5 mm

Paper size: 841 x 297 mm (half A1)

Correct printed image size: 820 x 260 mm

5° (planar projection)

.5 mm

Camera: Canon

Lens: Canon

x 297 mm (half A1)

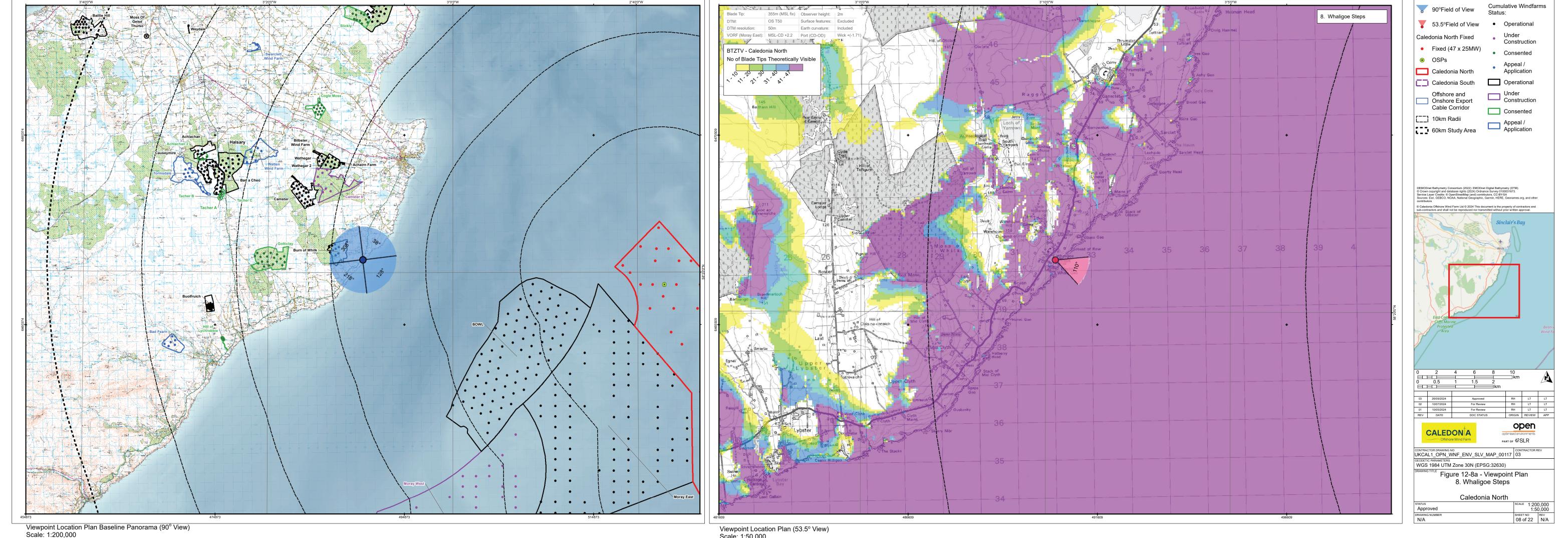
Camera height: 1.5 m

Camera: Canon EOS 5D Mark II
Lens: Canon EF 50mm f/1.4
Camera height: 1.5 m
Date and time: 11.12.2023 13:02

Operational and Under Construction offshore wind farms have been photomontaged in this view.

Figure: 12.7h
Viewpoint 7: Yarrows Archaeological Trail
Caledonia North

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Scale: 1:50,000



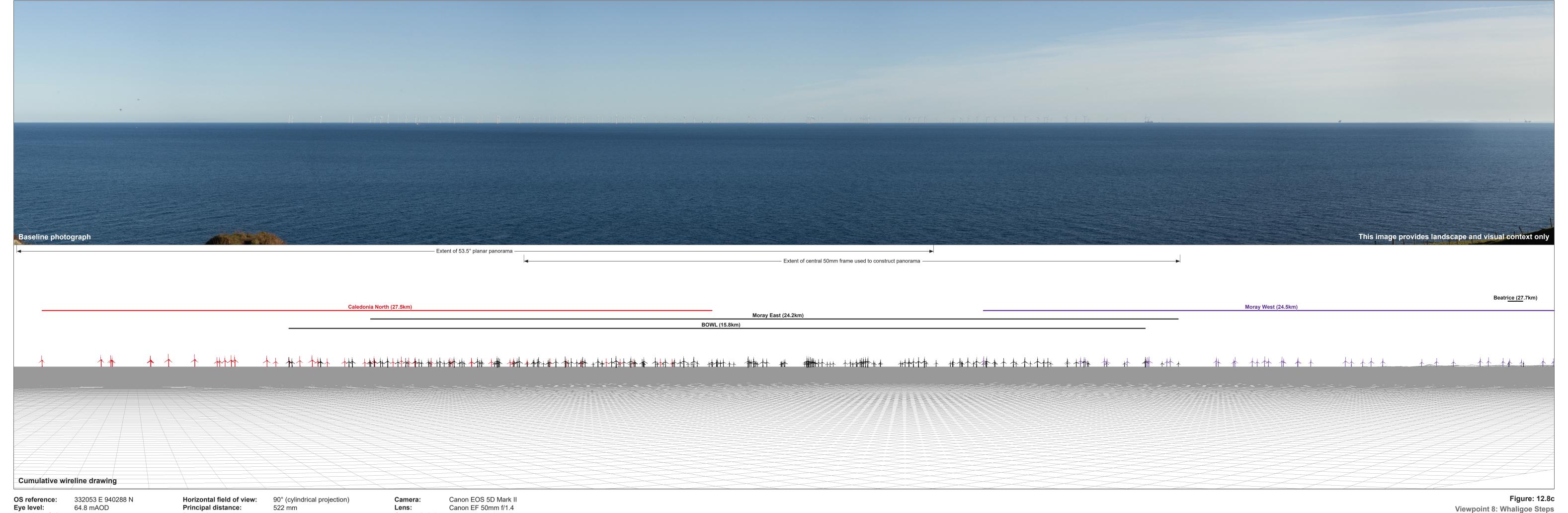
OS reference: 332053 E 940288 N
Eye level: 64.8 mAOD
Direction of view: 38°
Nearest turbine: 27.47 km Principal distance: 522 mm

Paper size: 841 x 297 mm (half A1)

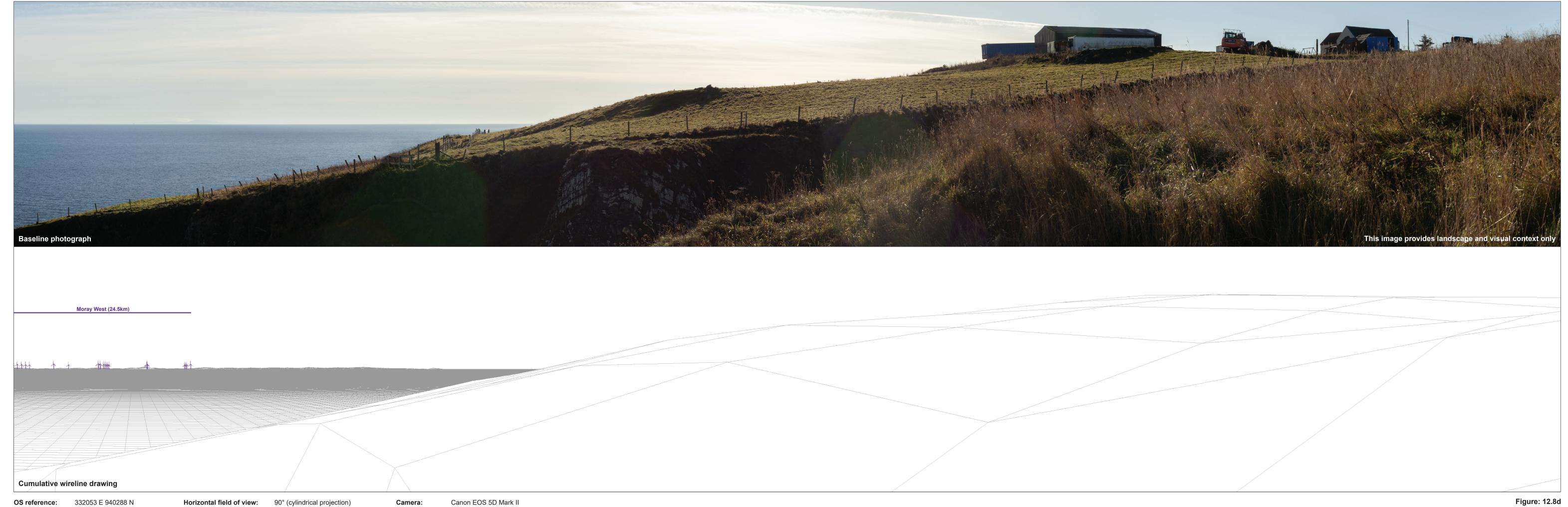
Correct printed image size: 820 x 130 mm Camera: Canon EOS 5D Mark II
Lens: Canon EF 50mm f/1.4
Camera height: 1.5 m
Date and time: 17.10.2023 14:16

Viewpoint 8: Whaligoe Steps

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Eye level: 64.8 mAOD Principal distance: 522 mm Lens: Canon EF 50mm f/1.4 Canon EF 50m



OS reference: 332053 E 940288 N
Eye level: 64.8 mAOD
Direction of view: 218°
Nearest turbine: 27.47 km

Horizontal field of view: 90° (cylindrical projection) Principal distance: 522 mm 841 x 297 mm (half A1) Paper size: Correct printed image size: 820 x 130 mm

Camera: Canon EOS 5D Mark II
Lens: Canon EF 50mm f/1.4
Camera height: 1.5 m **Date and time:** 17.10.2023 14:16

Viewpoint 8: Whaligoe Steps Caledonia North



OS reference: 332053 E 940288 N
Eye level: 64.8 mAOD
Direction of view: 308°
Nearest turbine: 27.47 km

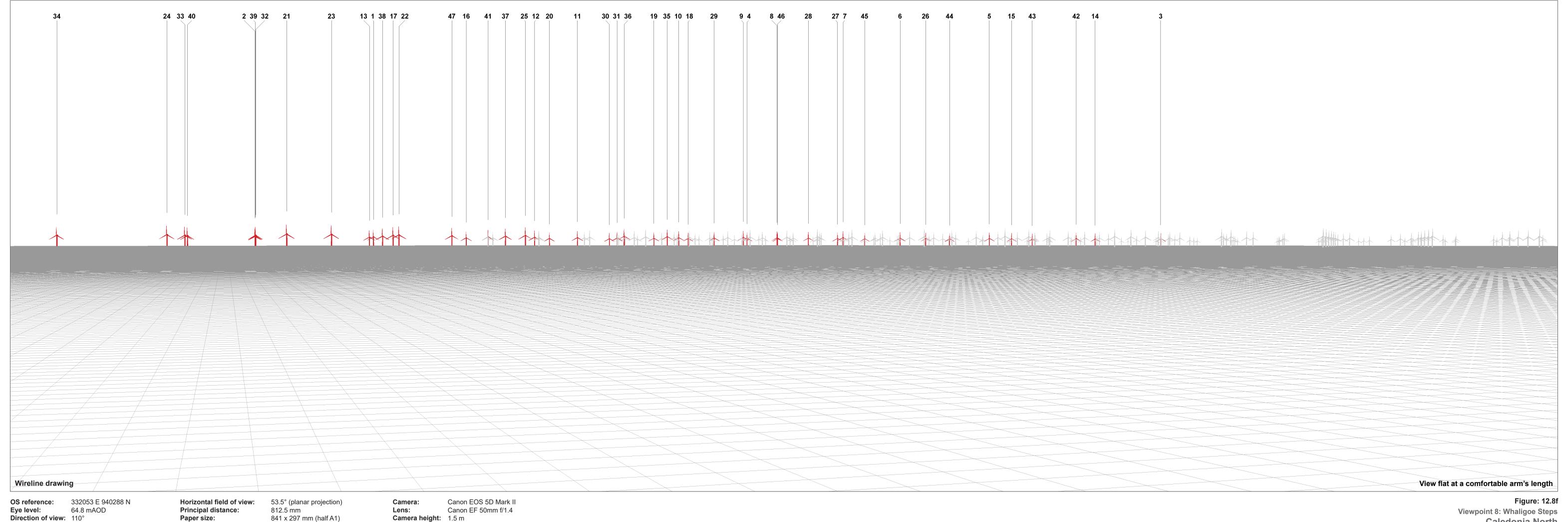
Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm Principal distance: 522 mm

Paper size: 841 x 297 mm (half A1)

Correct printed image size: 820 x 130 mm

Camera: Canon EOS 5D Mark II
Lens: Canon EF 50mm f/1.4
Camera height: 1.5 m
Date and time: 17.10.2023 14:16

Figure: 12.8e
Viewpoint 8: Whaligoe Steps © Crown copyright, All rights reserved (2023). Licence number 0100031673



Nearest turbine: 27.47 km

Correct printed image size: 820 x 260 mm

Date and time: 17.10.2023 14:16

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OS reference: 332053 E 940288 N
Eye level: 64.8 mAOD
Direction of view: 110°
Nearest turbine: 27.47 km

Horizontal field of view: 53.5° (planar projection)
Principal distance: 812.5 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Canon EOS 5D Mark II
Lens: Canon EF 50mm f/1.4
Camera height: 1.5 m
Date and time: 17.10.2023 14:16

Operational and Under Construction offshore wind farms have been photomontaged in this view.

Figure: 12.8g
Viewpoint 8: Whaligoe Steps
Caledonia North
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OS reference: 332053 Eye level: 64.8 m Direction of view: 110° 64.8 mAOD Nearest turbine: 27.47 km

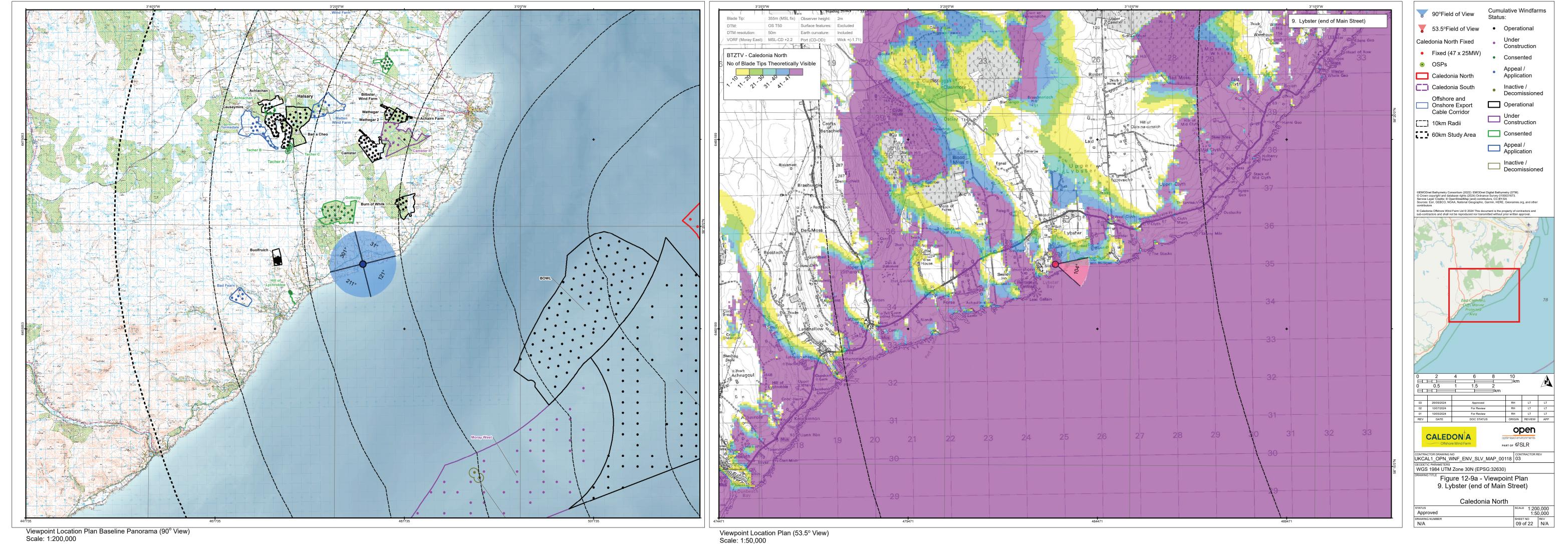
Paper size: Correct printed image size: 820 x 260 mm

Horizontal field of view: 53.5° (planar projection) Principal distance: 812.5 mm 841 x 297 mm (half A1)

Canon EOS 5D Mark II Camera: Lens: Canon EF 50mm f/1.4
Camera height: 1.5 m **Date and time:** 17.10.2023 14:16

Operational and Under Construction offshore wind farms have been photomontaged in this view.

Figure: 12.8h
Viewpoint 8: Whaligoe Steps Caledonia North © Crown copyright, All rights reserved (2023). Licence number 0100031673





57.7 mAOD Direction of view: 121°

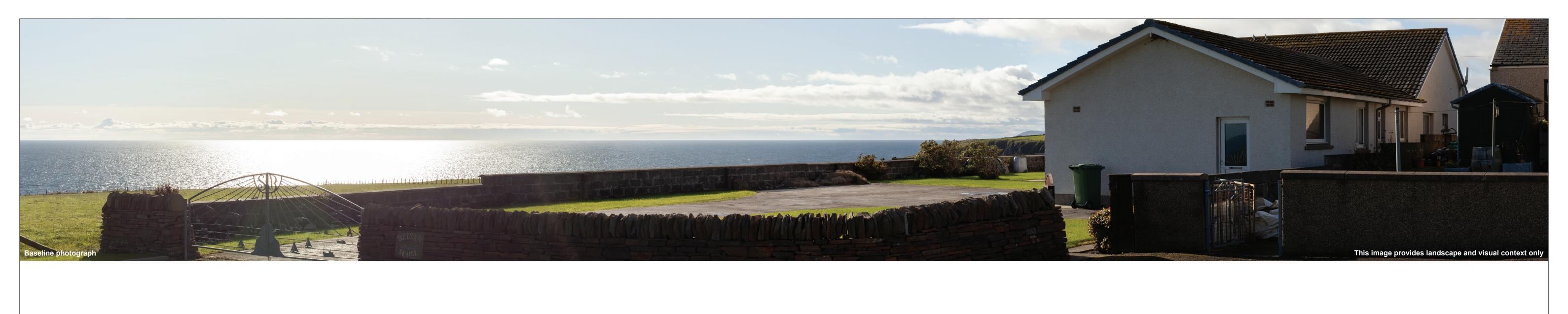
Nearest turbine: 34.93 km

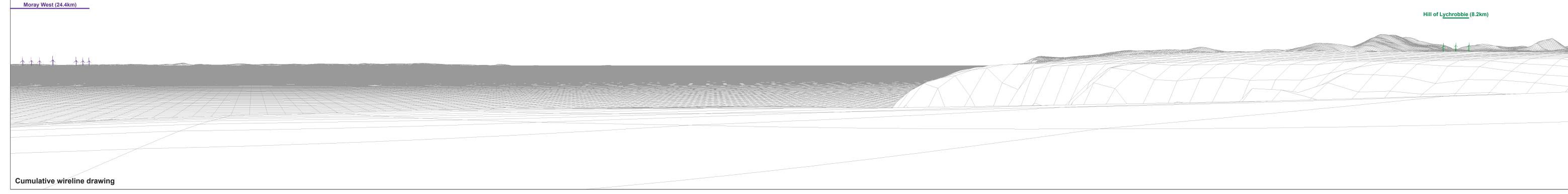
Principal distance: 841 x 297 mm (half A1) Paper size: Correct printed image size: 820 x 130 mm

Canon EF 50mm f/1.4 Camera height: 1.5 m

Date and time: 16.10.2023 12:08

Viewpoint 9: Lybster (end of Main Street)





OS reference: 324836 E 935074 N
Eye level: 57.7 mAOD
Direction of view: 211°
Nearest turbine: 34.93 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 130 mm

Camera: Canon EOS 5D Mark II
Lens: Canon EF 50mm f/1.4
Camera height: 1.5 m
Date and time: 16.10.2023 12:08

Figure: 12.9c
Viewpoint 9: Lybster (end of Main Street)
Caledonia North





Cumulative wireline drawing

OS reference: 324836 E 935074 N 57.7 mAOD Eye level: Direction of view: 301°

Nearest turbine: 34.93 km

Principal distance: Paper size:

Correct printed image size: 820 x 130 mm

Horizontal field of view: 90° (cylindrical projection) 522 mm 841 x 297 mm (half A1)

Canon EOS 5D Mark II Canon EF 50mm f/1.4 Camera: Camera height: 1.5 m

Date and time: 16.10.2023 12:08

Figure: 12.9d Viewpoint 9: Lybster (end of Main Street) Caledonia North



Golticlay (4.9km)

Burn of Whilk (7.2km)

1

Cumulative wireline drawing

OS reference: 324836 E 935074 N **Eye level:** 57.7 mAOD

Direction of view: 31°
Nearest turbine: 34.93 km

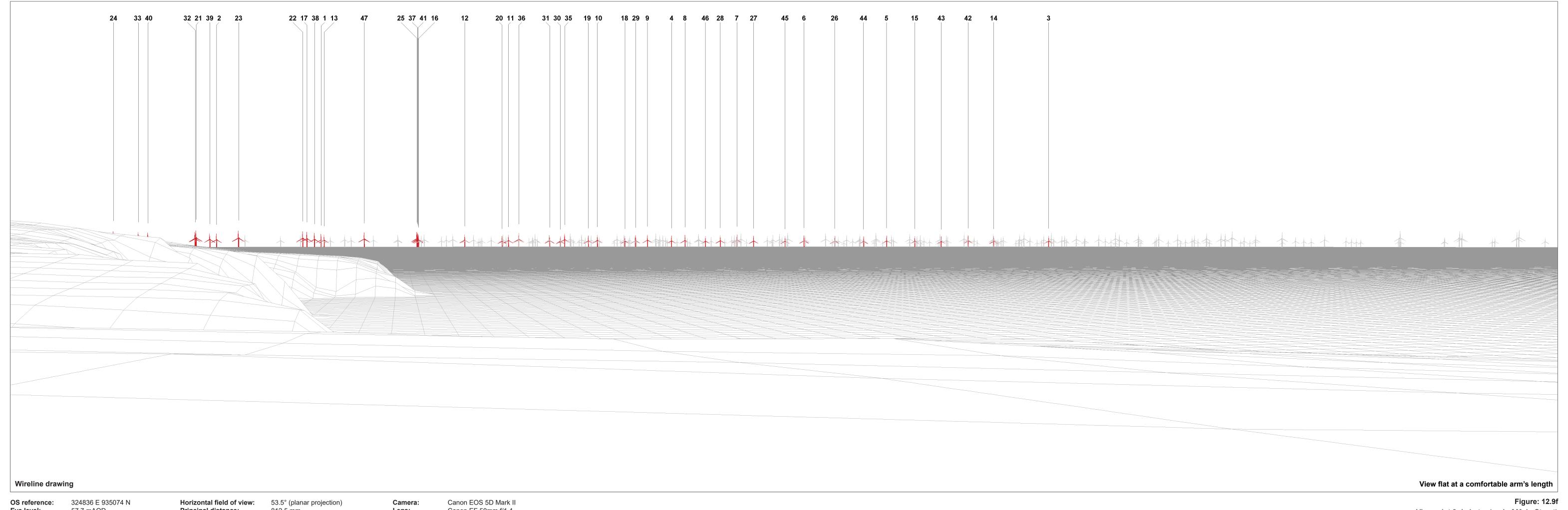
Horizo Princi_l Paper

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 130 mm

Camera: Canon EOS 5D Mark II
Lens: Canon EF 50mm f/1.4
Camera height: 1.5 m

Date and time: 16.10.2023 12:08

Figure: 12.9e
Viewpoint 9: Lybster (end of Main Street)
Caledonia North



OS reference: 324836 E 93
Eye level: 57.7 mAOD
Direction of view: 104°
Nearest turbine: 34.93 km

Principal distance: 53.5° (planar projection)
812.5 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Canon EOS 5D Mark II
Lens: Canon EF 50mm f/1.4
Camera height: 1.5 m
Date and time: 16.10.2023 12:08

Figure: 12.9f
Viewpoint 9: Lybster (end of Main Street)
Caledonia North
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OS reference: 324836 E 9
Eye level: 57.7 mAOD
Direction of view: 104°
Nearest turbine: 34.93 km 324836 E 935074 N 57.7 mAOD Horizontal field of view: 53.5° (planar projection)
Principal distance: 812.5 mm 812.5 mm 841 x 297 mm (half A1) Paper size:

Correct printed image size: 820 x 260 mm

Camera: Canon EOS 5D Mark II
Lens: Canon EF 50mm f/1.4
Camera height: 1.5 m
Date and time: 16.10.2023 12:08

Operational and Under Construction offshore wind farms have been photomontaged in this view.

Figure: 12.9g Viewpoint 9: Lybster (end of Main Street) © Crown copyright, All rights reserved (2023). Licence number 0100031673



OS reference: 324836 E 935074 N
Eye level: 57.7 mAOD
Direction of view: 104°
Nearest turbine: 34.93 km

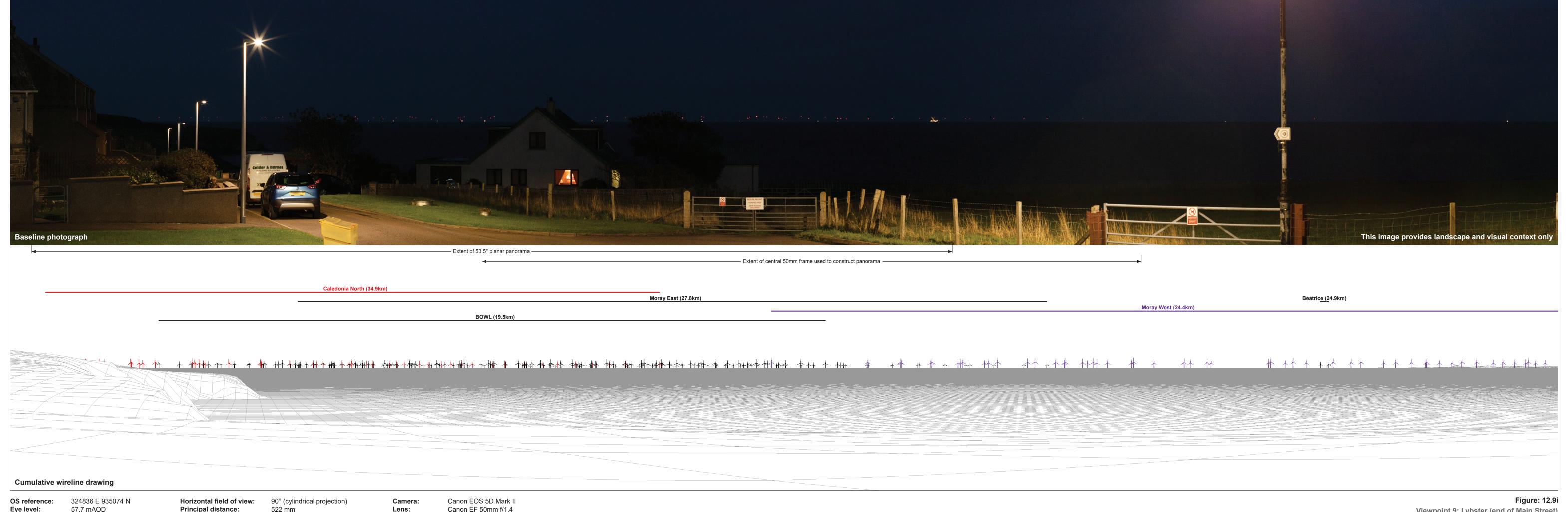
Horizontal field of view: 53.5° (planar projection)
Principal distance: 812.5 mm
Paper size: 841 x 297 mm (half A1)

Correct printed image size: 820 x 260 mm

Camera: Canon EOS 5D Mark II
Lens: Canon EF 50mm f/1.4
Camera height: 1.5 m
Date and time: 16.10.2023 12:08

Operational and Under Construction offshore wind farms have been photomontaged in this view.

Figure: 12.9h
Viewpoint 9: Lybster (end of Main Street)
Caledonia North



Eye level: 57.7 mAOD

Direction of view: 121°

Nearest turbine: 34.93 km

Principal distance: 522 mm

Paper size: 841 x 297 mm (half A1)

Correct printed image size: 820 x 130 mm

ojection)

Camera: Canon EOS 5D Mar

Lens: Canon EF 50mm f/1

Camera height: 1.5 m

Date and time: 17.10.2023 19:00

Viewpoint 9: Lybster (end of Main Street)

Caledonia North

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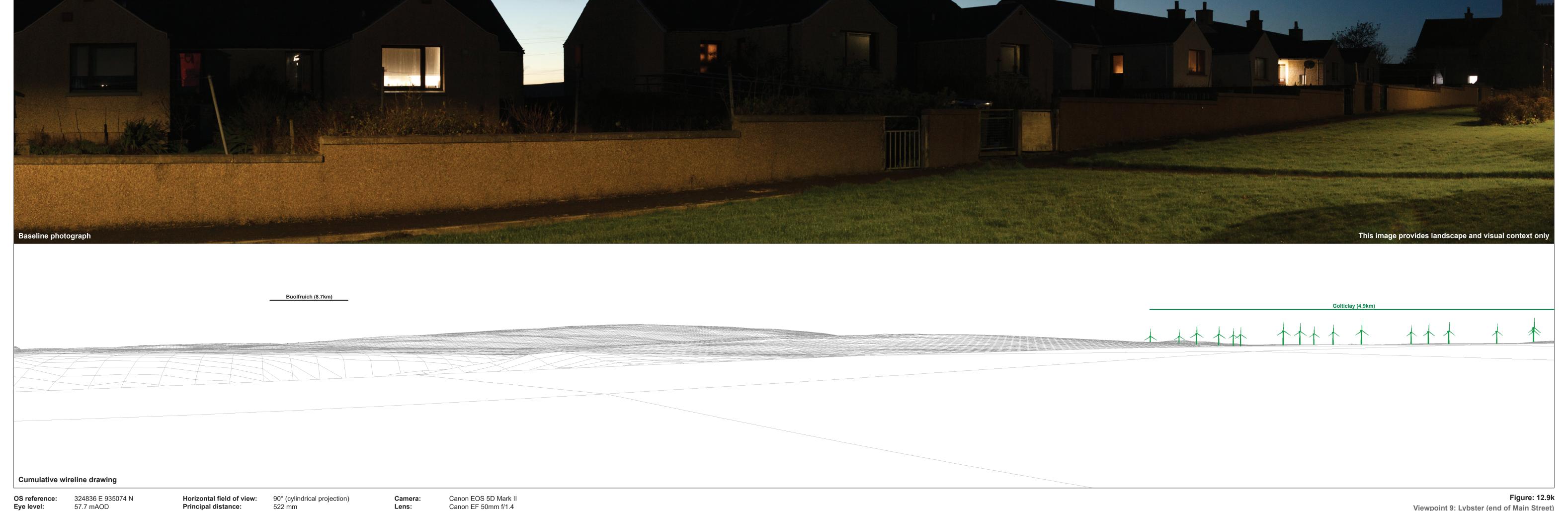


57.7 mAOD Eye level:

Direction of view: 211° Nearest turbine: 34.93 km Principal distance: 522 mm 841 x 297 mm (half A1) Paper size: Correct printed image size: 820 x 130 mm

Canon EF 50mm f/1.4 Camera height: 1.5 m **Date and time:** 17.10.2023 19:00

Viewpoint 9: Lybster (end of Main Street) Caledonia North



57.7 mAOD Eye level: Direction of view: 301° Nearest turbine: 34.93 km

Principal distance: 522 mm 841 x 297 mm (half A1) Paper size: Correct printed image size: 820 x 130 mm

Camera height: 1.5 m

Date and time: 17.10.2023 19:00

Viewpoint 9: Lybster (end of Main Street) Caledonia North



Golticlay (4.9km)

Burn of Whilk (7.2km)

Cumulative wireline drawing

OS reference: 324836 E 935074 N Eye level: 57.7 mAOD

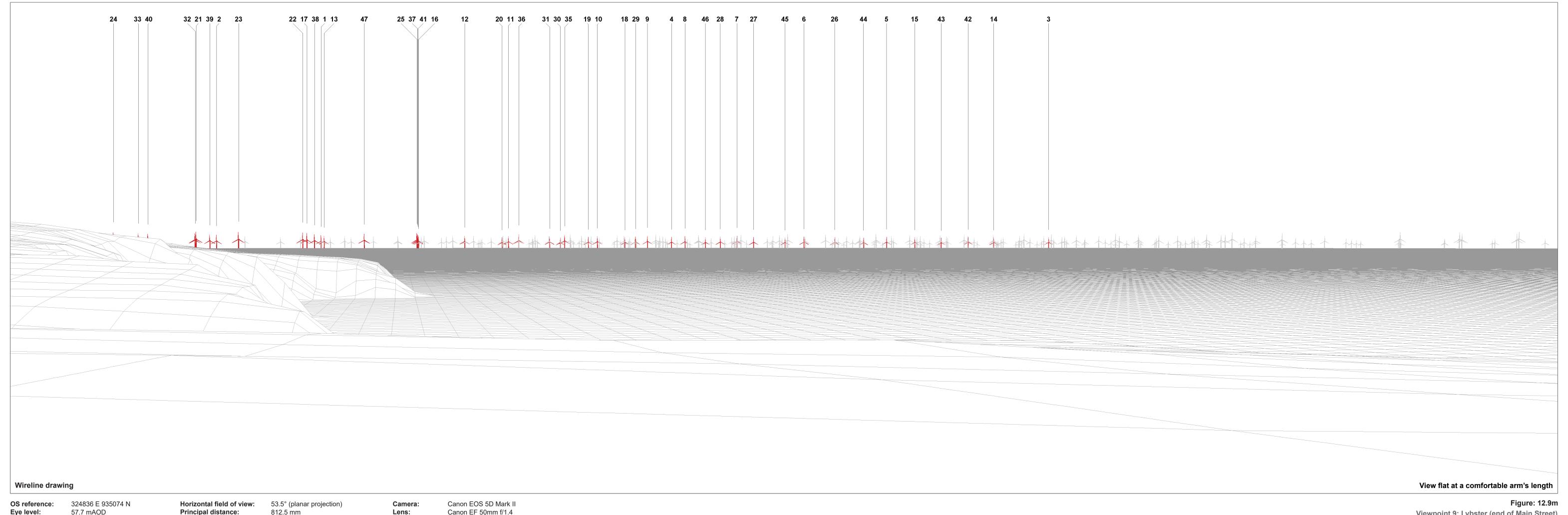
Direction of view: 31°
Nearest turbine: 34.93 km

Principal distance: Paper size: Correct printed image size: 820 x 130 mm

Horizontal field of view: 90° (cylindrical projection) 522 mm 841 x 297 mm (half A1)

Canon EOS 5D Mark II Canon EF 50mm f/1.4 Camera: Camera height: 1.5 m **Date and time:** 17.10.2023 19:00

Figure: 12.9I Viewpoint 9: Lybster (end of Main Street) Caledonia North



Eye level: Direction of view: 104° Nearest turbine: 34.93 km

Principal distance: 812.5 mm 841 x 297 mm (half A1) Paper size: Correct printed image size: 820 x 260 mm

Canon EF 50mm f/1.4 Camera height: 1.5 m **Date and time:** 17.10.2023 19:00

Viewpoint 9: Lybster (end of Main Street) © Crown copyright, All rights reserved (2023). Licence number 0100031673



OS reference: 324836 E 935074 N Eye level: 57.7 mAOD Direction of view: 104° Nearest turbine: 34.93 km

Horizontal field of view: 53.5° (planar projection) Principal distance: 812.5 mm 841 x 297 mm (half A1)

Paper size: Correct printed image size: 820 x 260 mm

Canon EOS 5D Mark II Camera: Canon EF 50mm f/1.4 Camera height: 1.5 m **Date and time:** 17.10.2023 19:00

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Figure: 12.9n Viewpoint 9: Lybster (end of Main Street) Caledonia North © Crown copyright, All rights reserved (2023). Licence number 0100031673



OS reference: 324836 E 935074 N Eye level: 57.7 mAOD Direction of view: 104° Nearest turbine: 34.93 km

Horizontal field of view: 53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1)

Principal distance: Paper size:

Correct printed image size: 820 x 260 mm

Canon EOS 5D Mark II Camera: Canon EF 50mm f/1.4 Camera height: 1.5 m **Date and time:** 17.10.2023 19:00

Operational and Under Construction offshore wind farms have been photomontaged in this view.

Figure: 12.9o Viewpoint 9: Lybster (end of Main Street) © Crown copyright, All rights reserved (2023). Licence number 0100031673

Caledonia Offshore Wind Farm 5th Floor, Atria One 144 Morrison Street Edinburgh EH3 8EX

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