

Code: UKCAL-CWF-CON-EIA-RPT-00007-7D07

Volume 7D Caledonia South Appendices

Appendix 12-3 Seascape, Landscape and Visual Impact Assessment Visualisations (Part 4)

Caledonia Offshore Wind Farm Ltd

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Volume 7D Appendix 12-3 Seascape, Landscape and Visual Impact Assessment Visualisations (Part 4)

Code	UKCAL-CWF-CON-EIA-RPT-00007-7D07
Revision	Issued
Date	18 October 2024



List of Figures

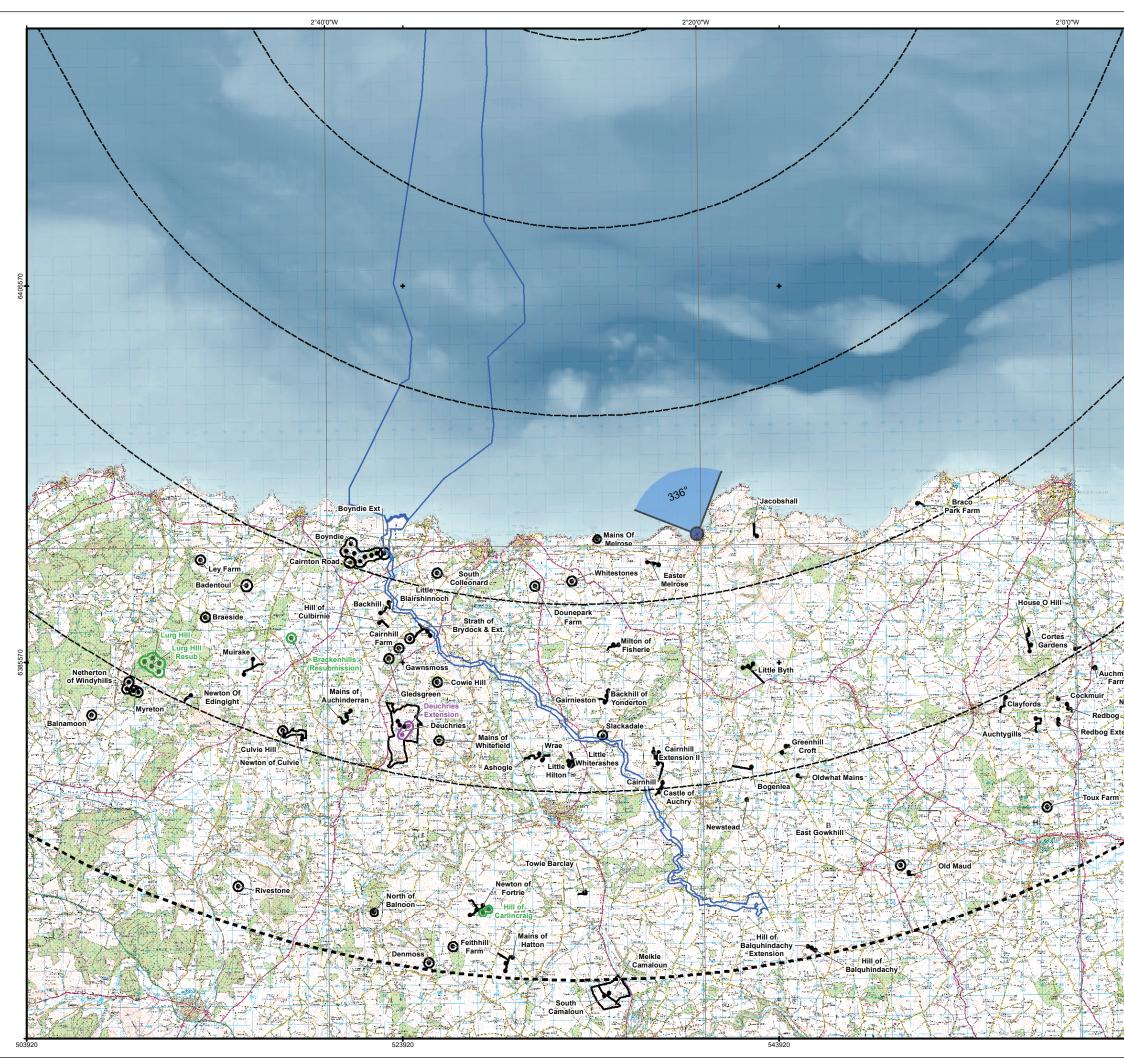
Viewpoint locations are presented in Volume 7D, Appendix 12-2: Seascape, Landscape and Visual Impact Assessment Figures.

- Figure 12–19: Viewpoint 19: Gardenstown, Harbour Road.
- Figure 12–20: Viewpoint 20: Rosehearty Harbour.
- Figure 12–21: Viewpoint 21: B9031, west of Fraserburgh.
- Figure 12–22: Viewpoint 22: Ferry Route (Kirkwall to Aberdeen).



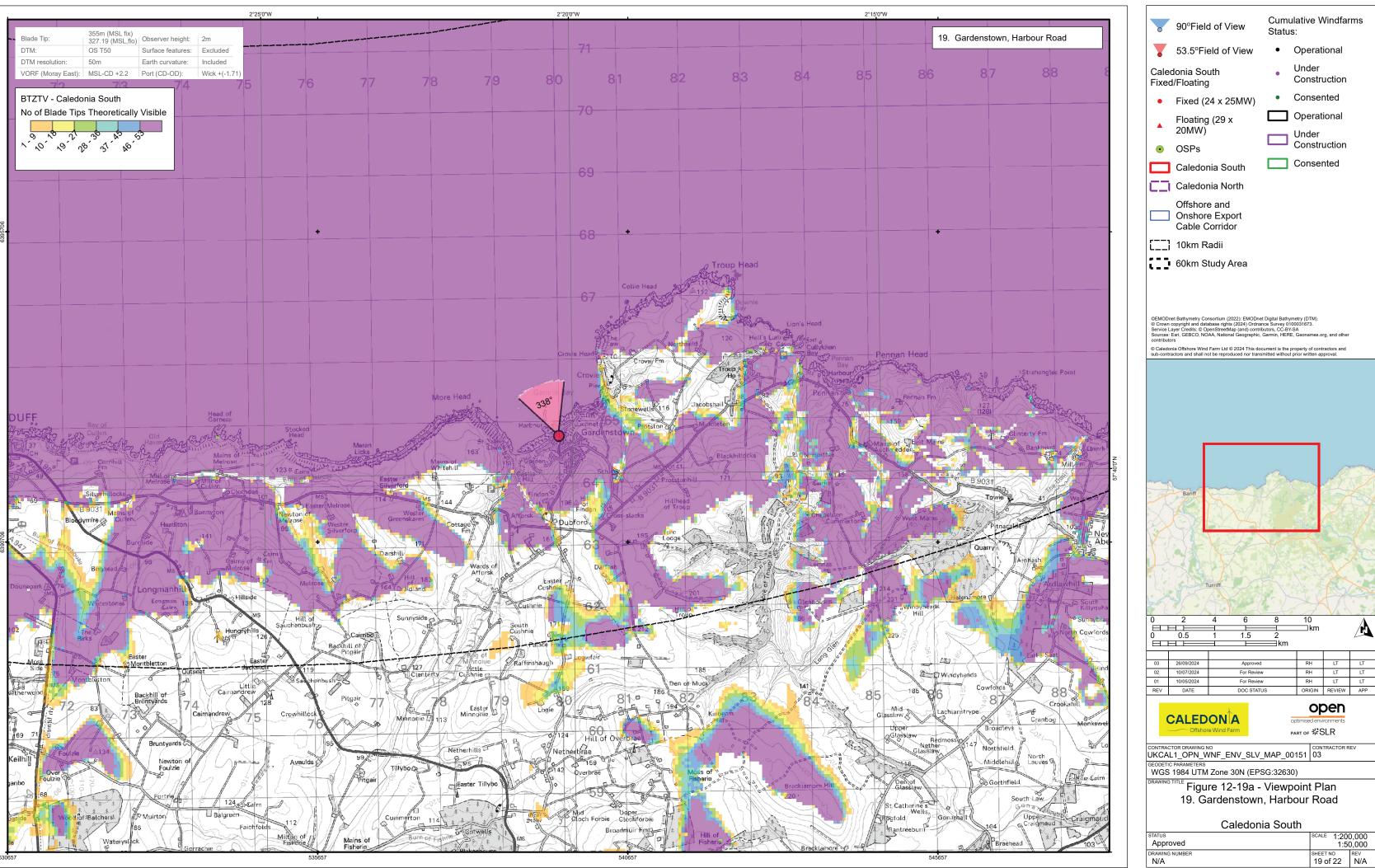
Acronyms and Abbreviations

BTZTV	Blade Tip Zone of Theoretical Visibility	
OSP	Offshore Substation Platform	

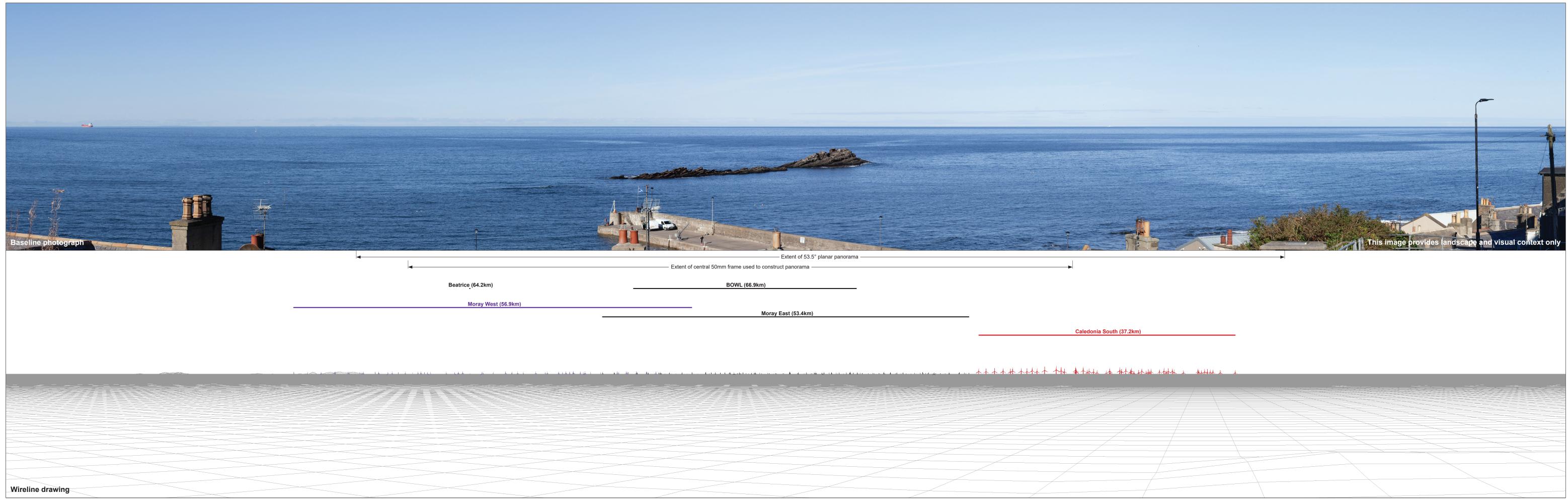


Viewpoint Location Plan Baseline Panorama (90° View) Scale: 1:200,000





Viewpoint Location Plan (53.5° View) Scale: 1:50,000



 OS reference:
 379990 E 864763 N

 Eye level:
 22.0 mAOD

 Direction of view:
 336°
 Nearest turbine: 37.25 km

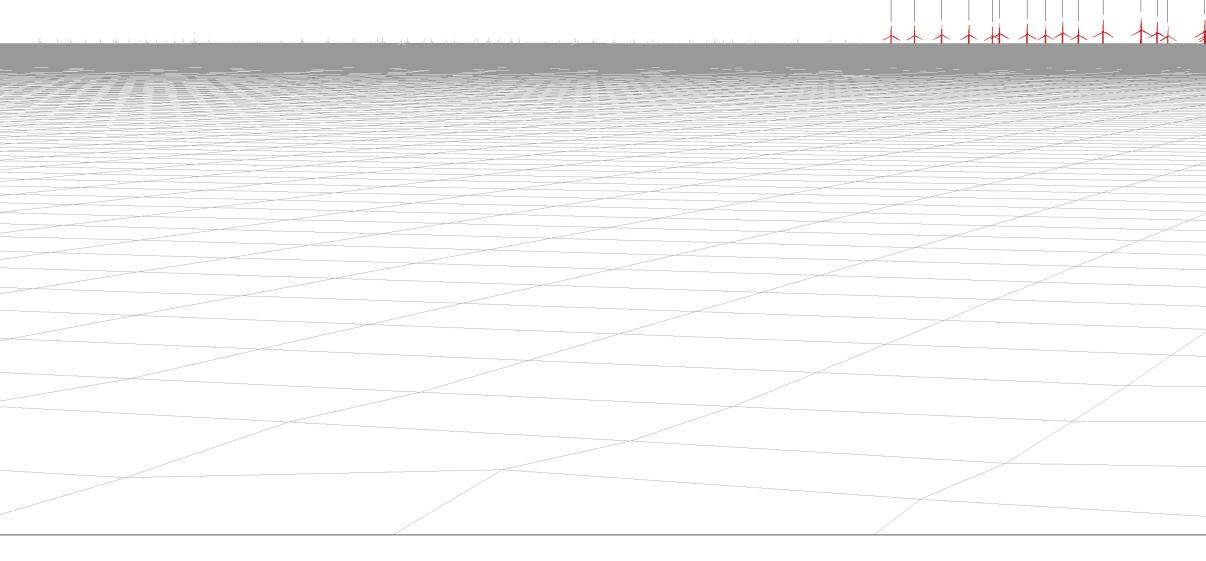
Horizontal field of view: Principal distance: Paper size: Correct printed image size: 820 x 130 mm

90° (cylindrical projection) 522 mm 841 x 297 mm (half A1)

Canon EOS 5D Mark II Canon EF 50mm f/1.4 Camera: Lens: Camera height: 1.5 m Date and time: 17.10.2023 12:51

Figure: 12.19b Viewpoint 19: Gardenstown, Harbour Road Caledonia South

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Wireline drawir	na					
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OS reference:	379990 E 864763 N	Horizontal field of view:	52 5° (planar projection)	Comoroi	Canon EOS 5D Mark II	
			53.5° (planar projection)	Camera:		
Eye level:	22.0 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4	
Direction of view:		Paper size:	841 x 297 mm (half A1)			
			041 X 297 11111 (11all AT)	Camera neight.	1.0 111	
Nearest turbine:	37.25 km	Correct printed image size:	820 x 260 mm	Date and time:	17.10.2023 12:51	



16 40 15 37 20 33 35 17 30 41 27 26 31 21 28 19 22 29 2 42 18 5 9 38 12 32 23 3

34 3 36 14 6 43 10 24 13 46 4	39 11 44 45 1 8 47 4 7 48 50 51 52 25	53
/		
	View flat a	at a comfortable arm's length

Figure: 12.19c Viewpoint 19: Gardenstown, Harbour Road Caledonia South





 OS reference:
 379990 E 864763 N

 Eye level:
 22.0 mAOD

 Direction of view:
 338°

 Nearest turbine:
 37.25 km

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

Camera:Canon EOS 5D Mark IILens:Canon EF 50mm f/1.4Camera height:1.5 mDate and time:17.10.2023 12:51

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

Figure: 12.19d Viewpoint 19: Gardenstown, Harbour Road Caledonia South © Crown copyright, All rights reserved (2023). Licence number 0100031673





 OS reference:
 379990 E 864763 N

 Eye level:
 22.0 mAOD

 Direction of view:
 338°

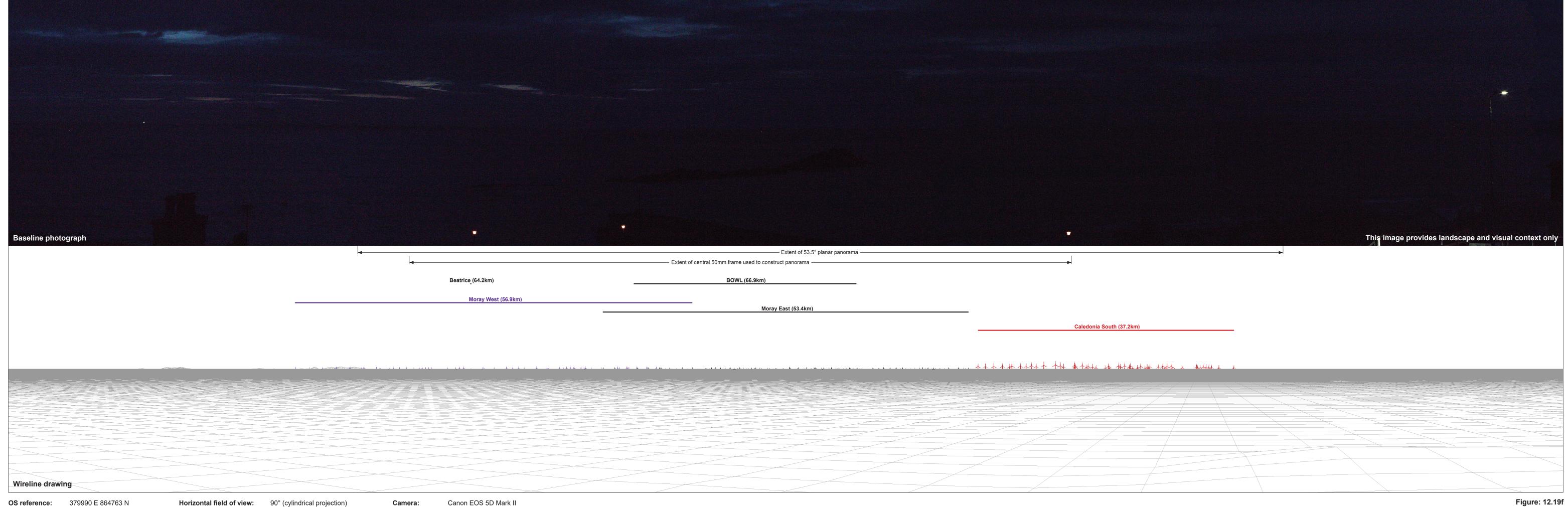
 Nearest turbine:
 37.25 km

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

Camera:Canon EOS 5D Mark IILens:Canon EF 50mm f/1.4Camera height:1.5 mDate and time:17.10.2023 12:51

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

Figure: 12.19e Viewpoint 19: Gardenstown, Harbour Road Caledonia South © Crown copyright, All rights reserved (2023). Licence number 0100031673



5 reference:	379990 E 80
ye level:	22.0 mAOD
Direction of view:	336°
learest turbine:	37.94 km

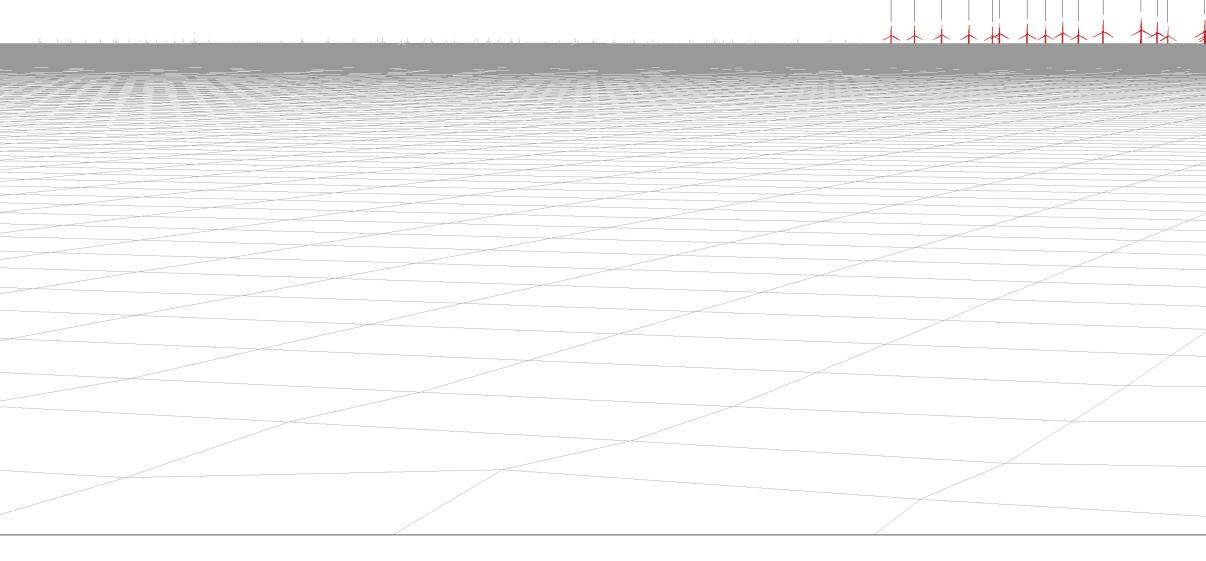
Principal distance: Paper size: Correct printed image size: 820 x 130 mm

522 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: 19.03.2024 20:12

Viewpoint 19: Gardenstown, Harbour Road Caledonia South

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Wireline drawin	19							
OS reference:	379990 E 864763	M	Horizontal field of view:	53.5° (planar projection)	0	amera:	Canon EOS 5D Mark II	
		N I						
Eye level:	22.0 mAOD		Principal distance:	812.5 mm	L	ens:	Canon EF 50mm f/1.4	
			Deperaire					
Direction of view:	330		Paper size:	841 x 297 mm (half A1)			1.5 m	
Nearest turbine:	37.94 km		Correct printed image size:	820 x 260 mm	п	ate and time	19.03.2024 20:12	
			printoa iniago oizoi				10.00.2027 20.12	



16 40 15 37 20 33 35 17 30 41 27 26 31 21 28 19 22 29 2 42 18 5 9 38 12 32 23 3

34 3 36 14 6 43 10 24 1	3 46 49 39 11 44 45 1 8 47 4	7 48 50 51 52 25 53	
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/		View flat at a comfo	rtahle arm'e longth
			and and a length

Figure: 12.19g Viewpoint 19: Gardenstown, Harbour Road Caledonia South



Baseline photograph.

OS reference: 379990 E 864763 N Eye level: Direction of view: 338° Nearest turbine: 37.94 km

22.0 mAOD

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

812.5 mm 841 x 297 mm (half A1)

Canon EOS 5D Mark II Camera: Lens: Camera height: 1.5 m Date and time: 19.03.2024 20:12

Canon EF 50mm f/1.4

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

View flat at a comfortable arm's length

Figure: 12.19h Viewpoint 19: Gardenstown, Harbour Road Caledonia South © Crown copyright, All rights reserved (2023). Licence number 0100031673



Photomontage: Proposed Development.

OS reference: 379990 E 864763 N Eye level: 22.0 mAOD Direction of view: 338° Nearest turbine: 37.94 km

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

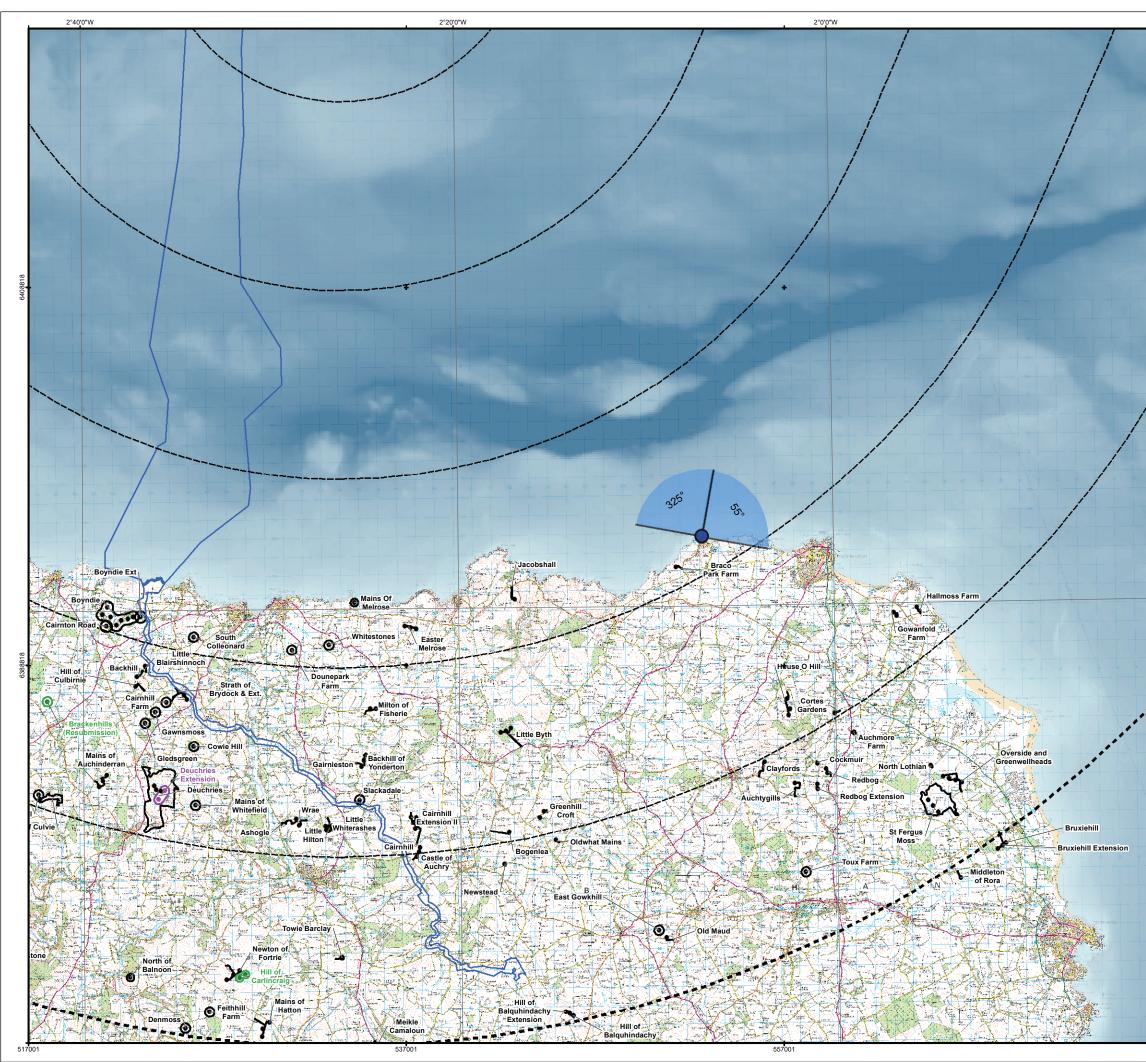
812.5 mm 841 x 297 mm (half A1)

Canon EOS 5D Mark II Camera: Lens: Canon EF 50mm f/1.4 Camera height: 1.5 m Date and time: 19.03.2024 20:12

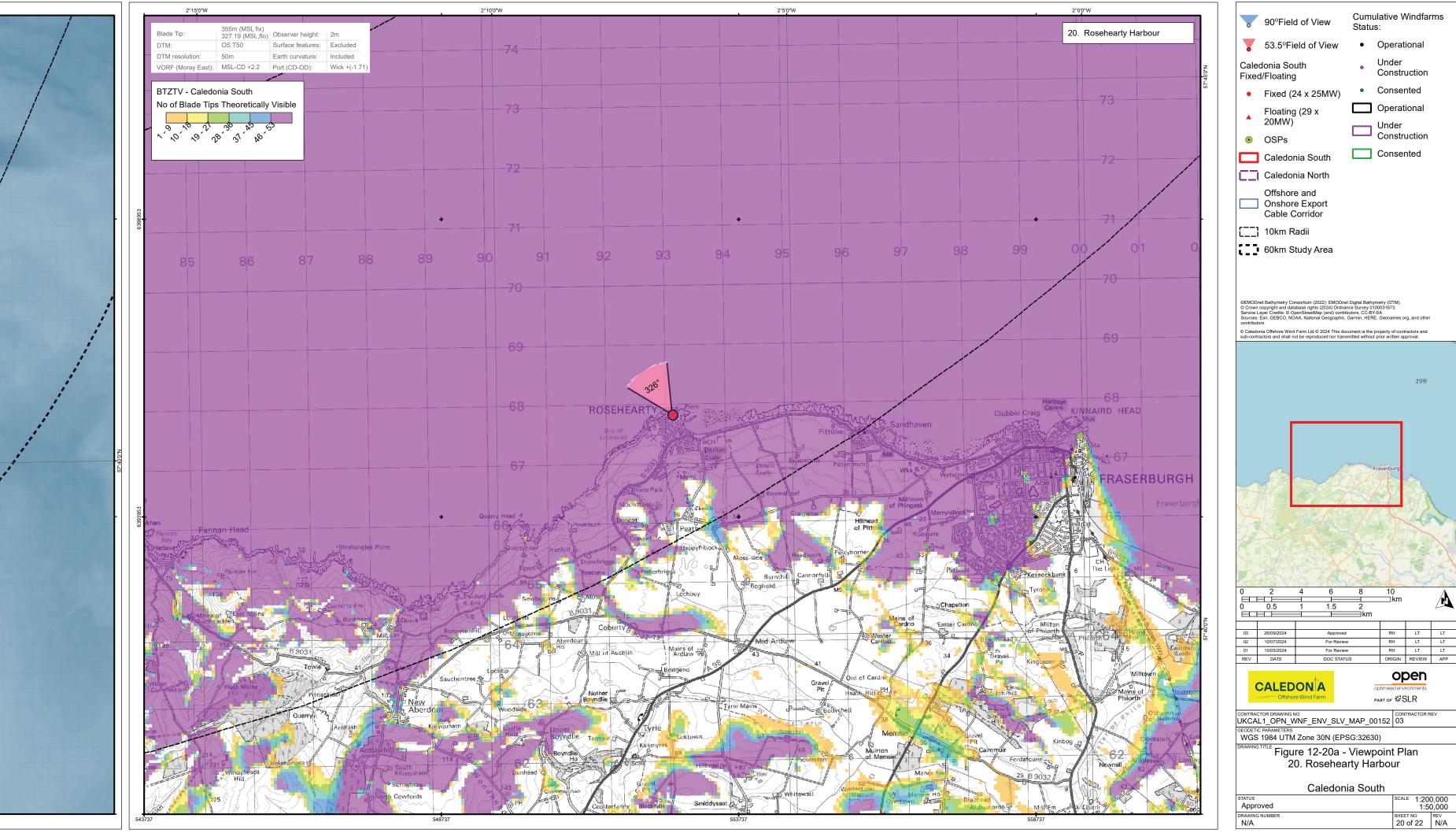
Operational and Under Construction offshore wind farms have been photomontaged in this view.

View flat at a comfortable arm's length

Figure: 12.19i Viewpoint 19: Gardenstown, Harbour Road Caledonia South © Crown copyright, All rights reserved (2023). Licence number 0100031673

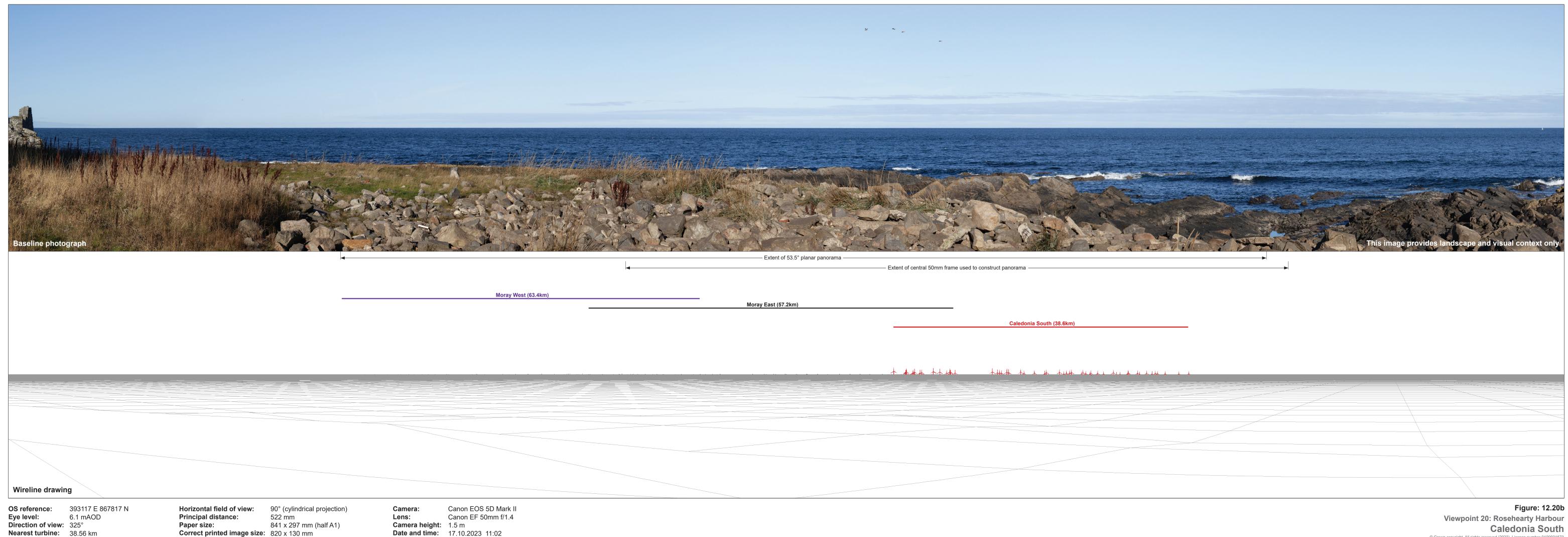


Viewpoint Location Plan Baseline Panorama (90° View) Scale: 1:200,000



Viewpoint Location Plan (53.5° View) Scale: 1:50,000

1°40'0"W



Viewpoint 20: Rosehearty Harbour Caledonia South © Crown copyright, All rights reserved (2023). Licence number 0100031673



Viewpoint 20: Rosehearty Harbour Caledonia South © Crown copyright, All rights reserved (2023). Licence number 0100031673

Wireline drawing

OS reference: 393117 E 867817 N Eye level: 6.1 mAOD **Direction of view:** 326° Nearest turbine: 38.56 km

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

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 11:02

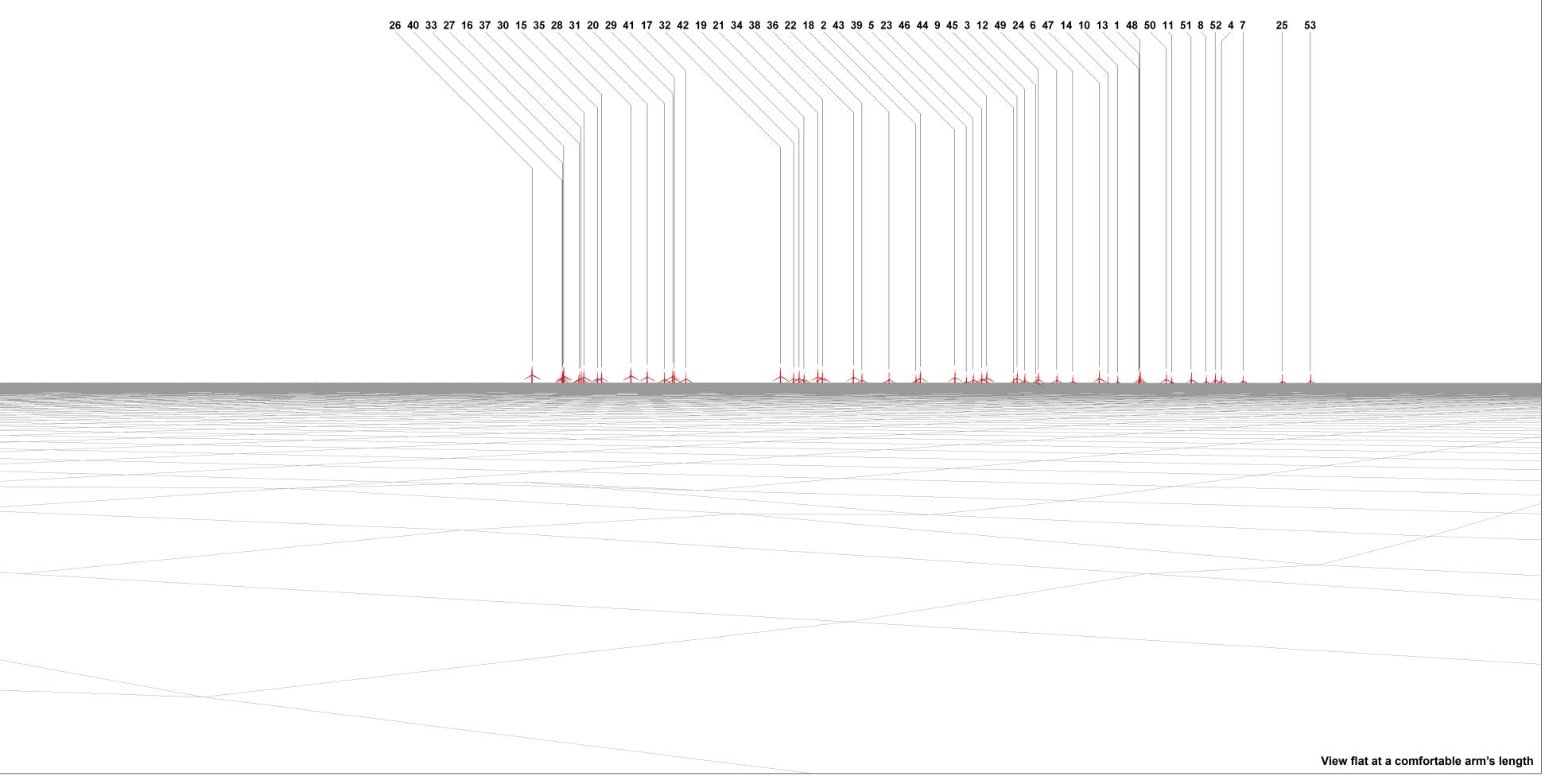


Figure: 12.20d Viewpoint 20: Rosehearty Harbour **Caledonia South** © Crown copyright, All rights reserved (2023). Licence number 0100031673



 OS reference:
 393117 E 8

 Eye level:
 6.1 mAOD

 Direction of view:
 326°

 Nearest turbine:
 38.56 km

393117 E 867817 N 6.1 mAOD

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

Camera:Canon EOS 5D Mark IILens:Canon EF 50mm f/1.4Camera height:1.5 mDate and time:17.10.2023 11:02

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

Figure: 12.20e Viewpoint 20: Rosehearty Harbour Caledonia South © Crown copyright, All rights reserved (2023). Licence number 0100031673



 OS reference:
 393117 E 8

 Eye level:
 6.1 mAOD

 Direction of view:
 326°

 Nearest turbine:
 38.56 km

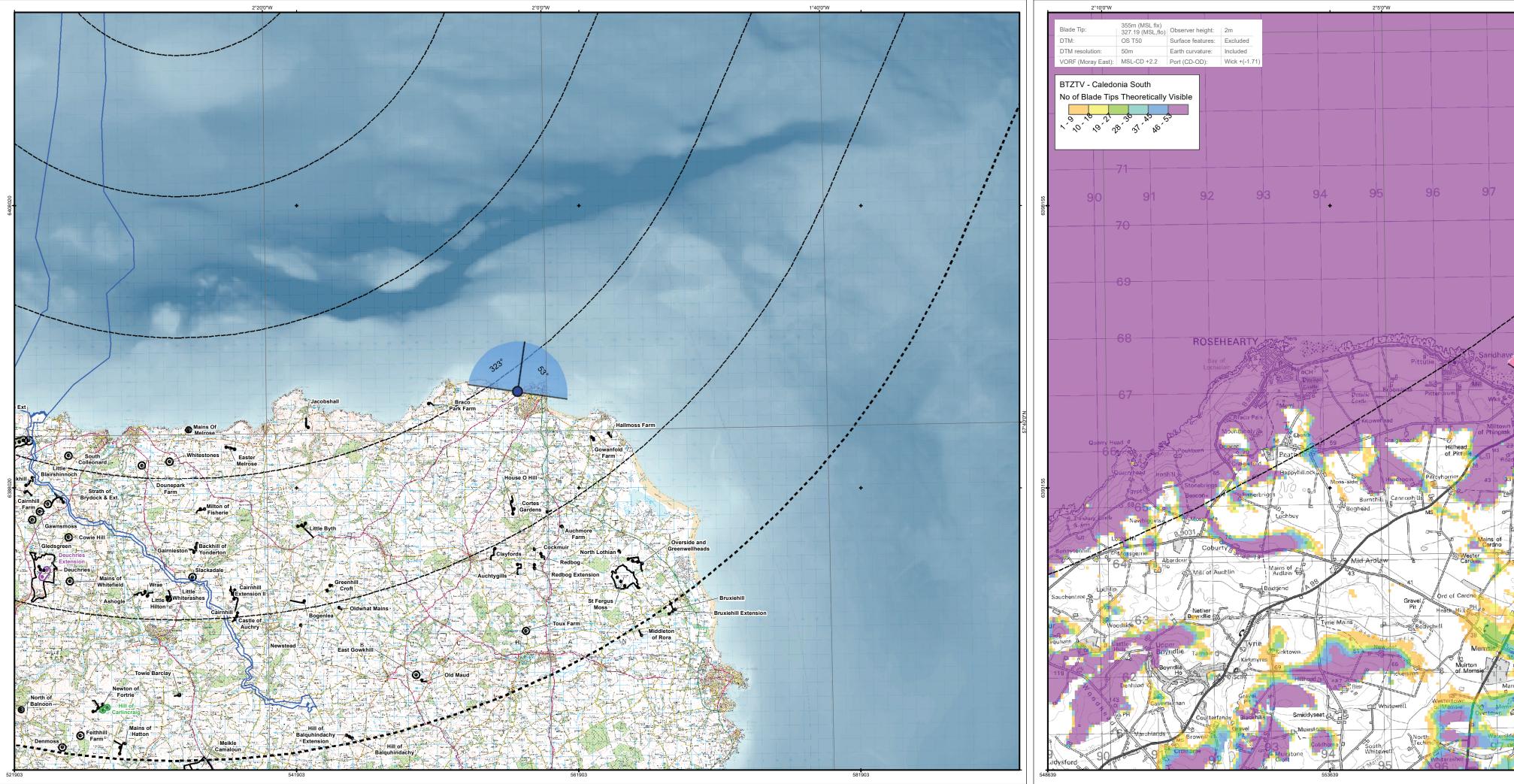
393117 E 867817 N

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

Camera:Canon EOS 5D Mark IILens:Canon EF 50mm f/1.4Camera height:1.5 mDate and time:17.10.2023 11:02

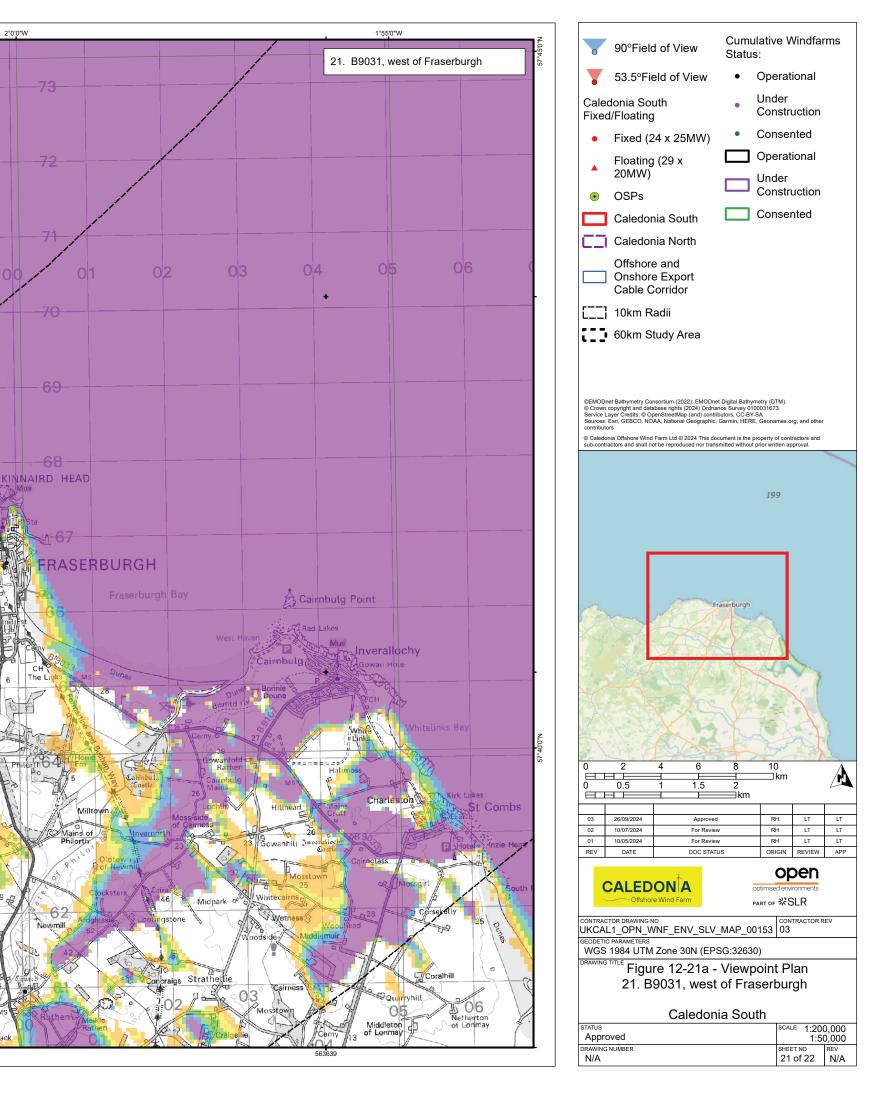
Operational and Under Construction offshore wind farms have been photomontaged in this view.

Figure: 12.20f Viewpoint 20: Rosehearty Harbour Caledonia South © Crown copyright, All rights reserved (2023). Licence number 0100031673



Viewpoint Location Plan Baseline Panorama (90° View) Scale: 1:200,000

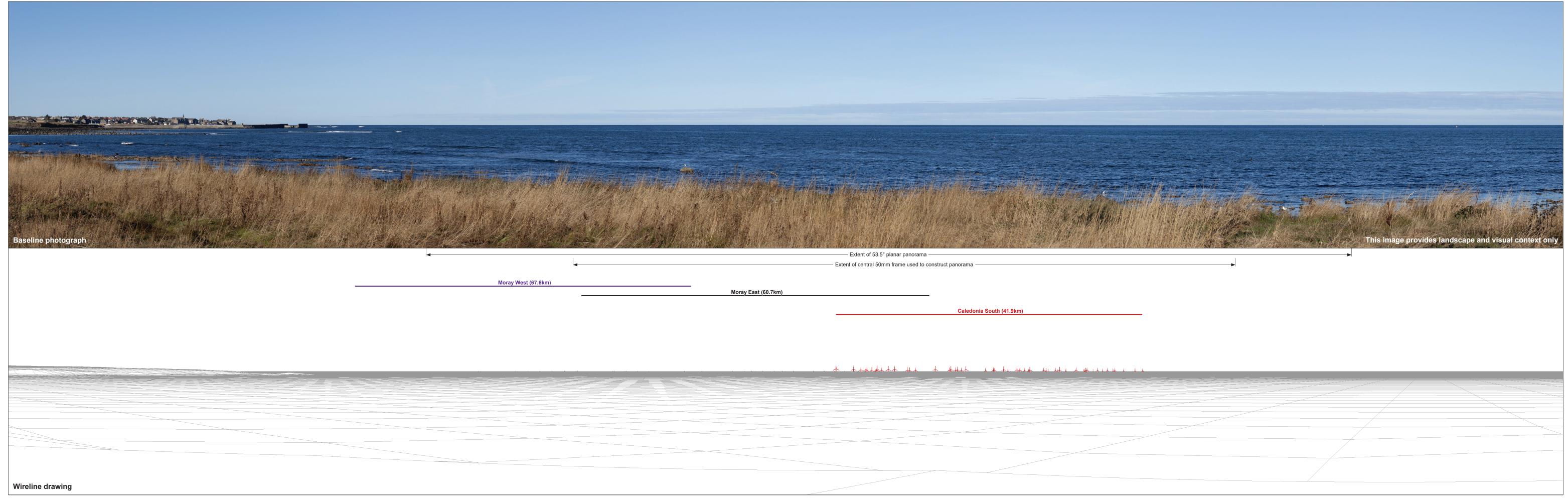
Viewpoint Location Plan (53.5° View) Scale: 1:50,000



2°0'0"W

1. J. T.

Clubbie C



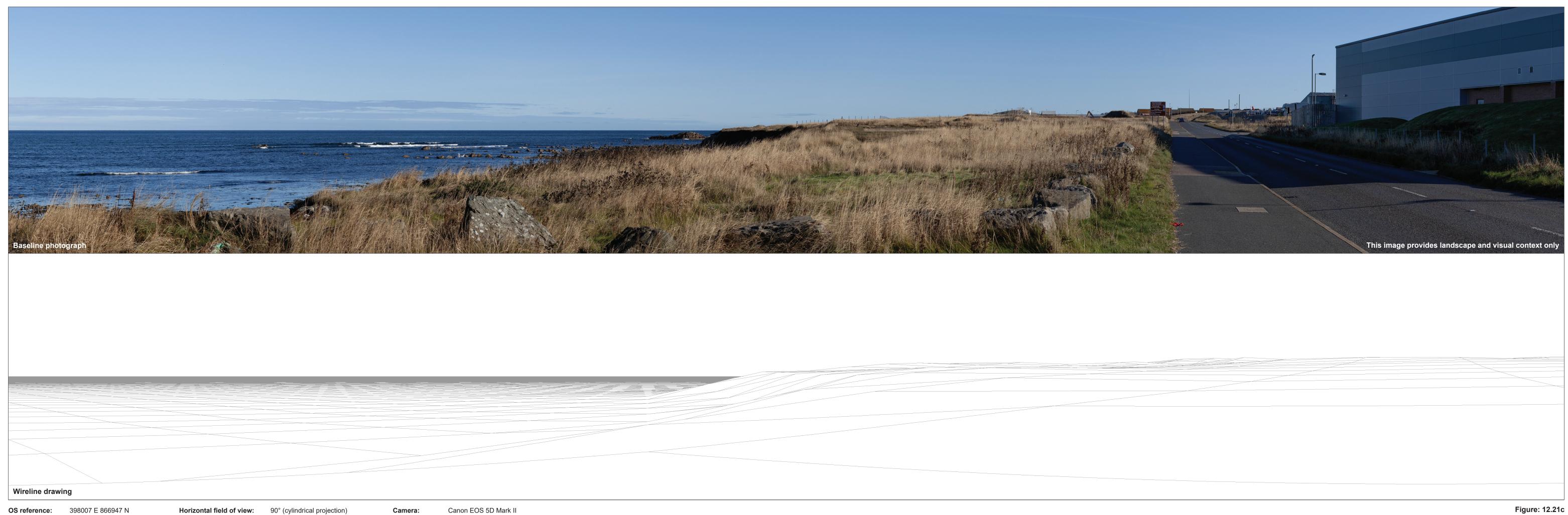
OS reference: 398007 E 866947 N Eye level: 6.5 mAOD Direction of view: 323° Nearest turbine: 41.86 km

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

522 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 11:25

Figure: 12.21b Viewpoint 21: B9031, west of Fraserburgh Caledonia South



 OS reference:
 398007 E 866947 N

 Eye level:
 6.5 mAOD

 Direction of view:
 53°

 Nearest turbine:
 41.86 km

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

Camera:Canon EOS 5D Mark IILens:Canon EF 50mm f/1.4Camera height:1.5 mDate and time:17.10.2023 11:25

Viewpoint 21: B9031, west of Fraserburgh Caledonia South

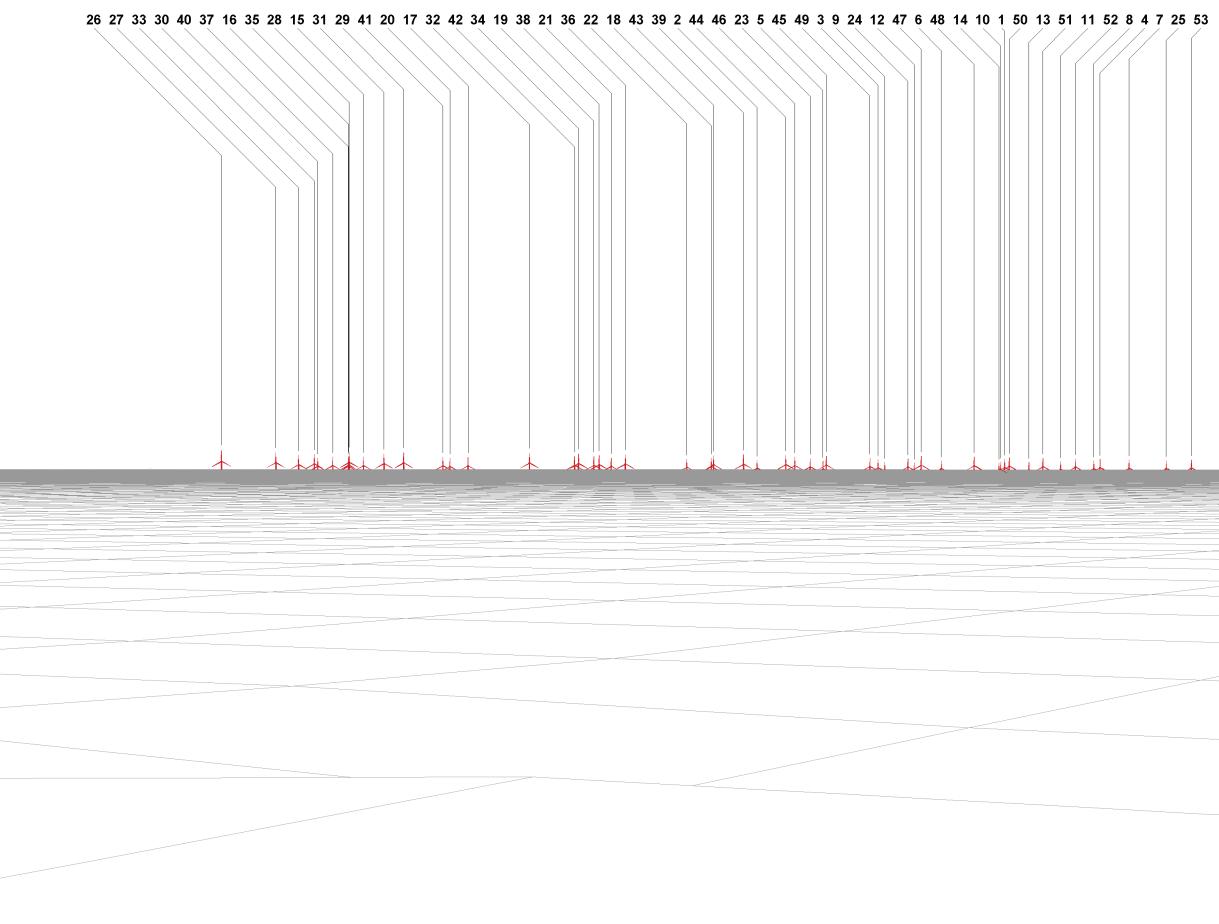
Wireline drawing

OS reference: 398007 E 866947 N Eye level: 6.5 mAOD Direction of view: 329° Nearest turbine: 41.86 km

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

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 11:25



View flat at a comfortable arm's length

Figure: 12.21d Viewpoint 21: B9031, west of Fraserburgh Caledonia South © Crown copyright, All rights reserved (2023). Licence number 0100031673



 OS reference:
 398007 E 86

 Eye level:
 6.5 mAOD

 Direction of view:
 329°

 Nearest turbine:
 41.86 km

398007 E 866947 N

Horizontal field of view: Principal distance: Paper size: Correct printed image size: 820 x 260 mm

53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1)

Canon EOS 5D Mark II Camera: Lens:Canon EF 50mm f/1.4Camera height:1.5 mDate and time:17.10.2023 11:25

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Figure: 12.21e Viewpoint 21: B9031, west of Fraserburgh Caledonia South © Crown copyright, All rights reserved (2023). Licence number 0100031673



 OS reference:
 398007 E 86

 Eye level:
 6.5 mAOD

 Direction of view:
 329°

 Nearest turbine:
 41.86 km

398007 E 866947 N

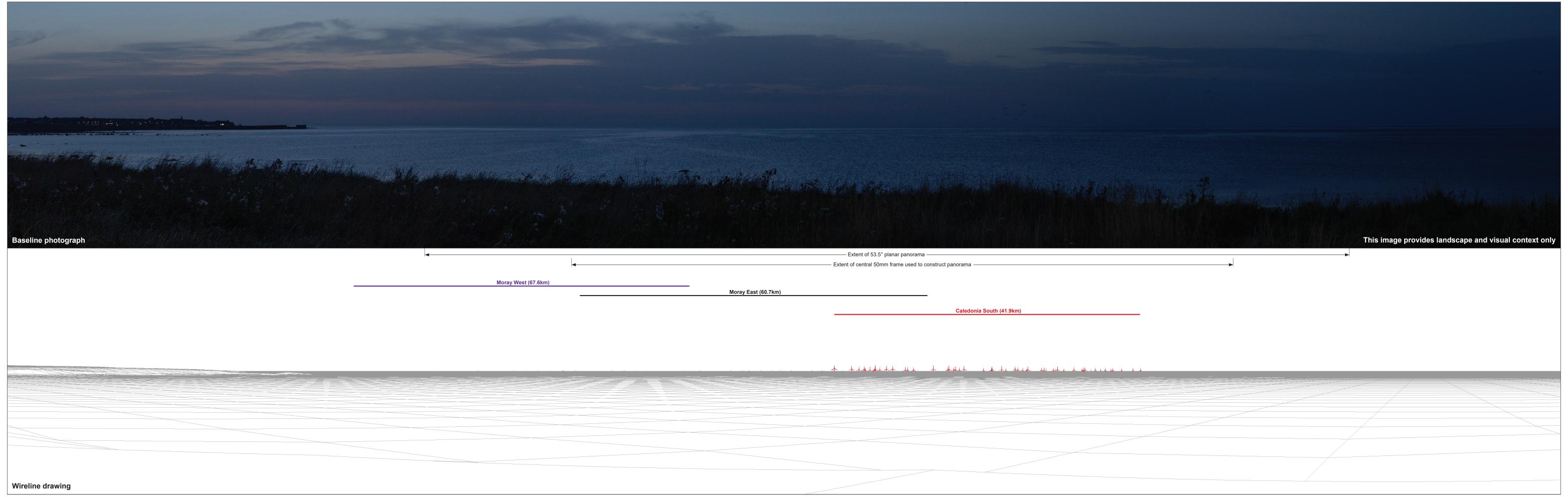
Horizontal field of view: Principal distance: Paper size: Correct printed image size: 820 x 260 mm

53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1)

Canon EOS 5D Mark II Camera: Lens:Canon EF 50mm f/1.4Camera height:1.5 mDate and time:17.10.2023 11:25

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

Figure: 12.21f Viewpoint 21: B9031, west of Fraserburgh **Caledonia South** © Crown copyright, All rights reserved (2023). Licence number 0100031673



398007 E 866947 N OS reference: Eye level: 6.5 mAOD **Direction of view:** 323° Nearest turbine: 41.86 km

Horizontal field of view: Principal distance: Paper size: Correct printed image size: 820 x 130 mm

90° (cylindrical projection) 522 mm 841 x 297 mm (half A1)

Camera: Canon EOS 5D Mark II Lens: Canon EF 50mm f/1.4 Camera height: 1.5 m Date and time: 08.09.2023 20:24

Figure: 12.21g Viewpoint 21: B9031, west of Fraserburgh Caledonia South © Crown copyright, All rights reserved (2023). Licence number 0100031673



 OS reference:
 398007 E 866947 N

 Eye level:
 6.5 mAOD

 Direction of view:
 53°

 Nearest turbine:
 41.86 km

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

841 x 297 mm (half A1)

Canon EOS 5D Mark II Canon EF 50mm f/1.4 Lens: Camera height: 1.5 m Date and time: 08.09.2023 20:24

Viewpoint 21: B9031, west of Fraserburgh Caledonia South

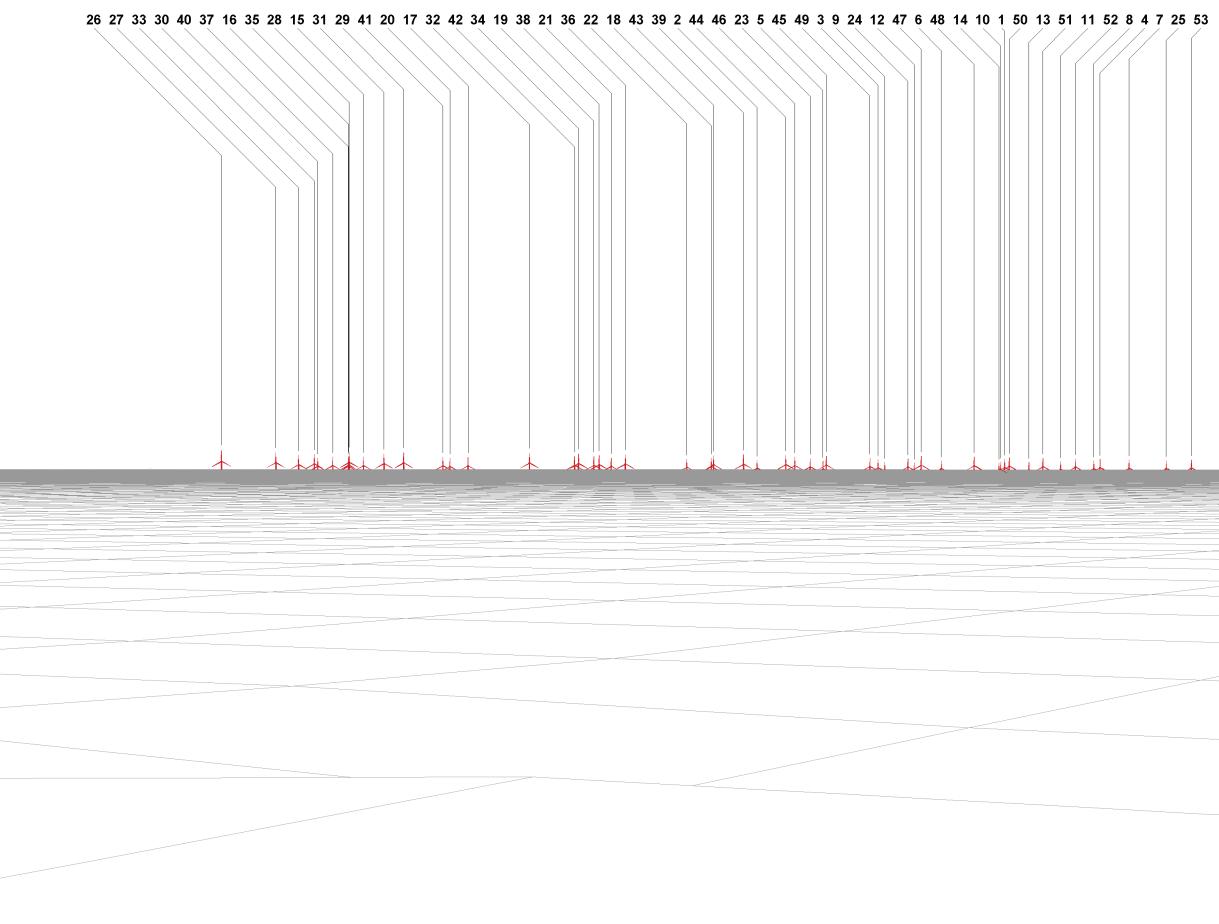
Wireline drawing

OS reference: 398007 E 866947 N Eye level: 6.5 mAOD Direction of view: 329° Nearest turbine: 41.86 km

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

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: 08.09.2023 20:24



View flat at a comfortable arm's length

Figure: 12.21i Viewpoint 21: B9031, west of Fraserburgh Caledonia South © Crown copyright, All rights reserved (2023). Licence number 0100031673



OS reference: Eye level: Direction of view: 329° Nearest turbine: 41.86 km

398007 E 866947 N 6.5 mAOD

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

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: 08.09.2023 20:24

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

Figure: 12.21j Viewpoint 21: B9031, west of Fraserburgh **Caledonia South** © Crown copyright, All rights reserved (2023). Licence number 0100031673



OS reference: Eye level: **Direction of view:** 329° Nearest turbine: 41.86 km

398007 E 866947 N 6.5 mAOD

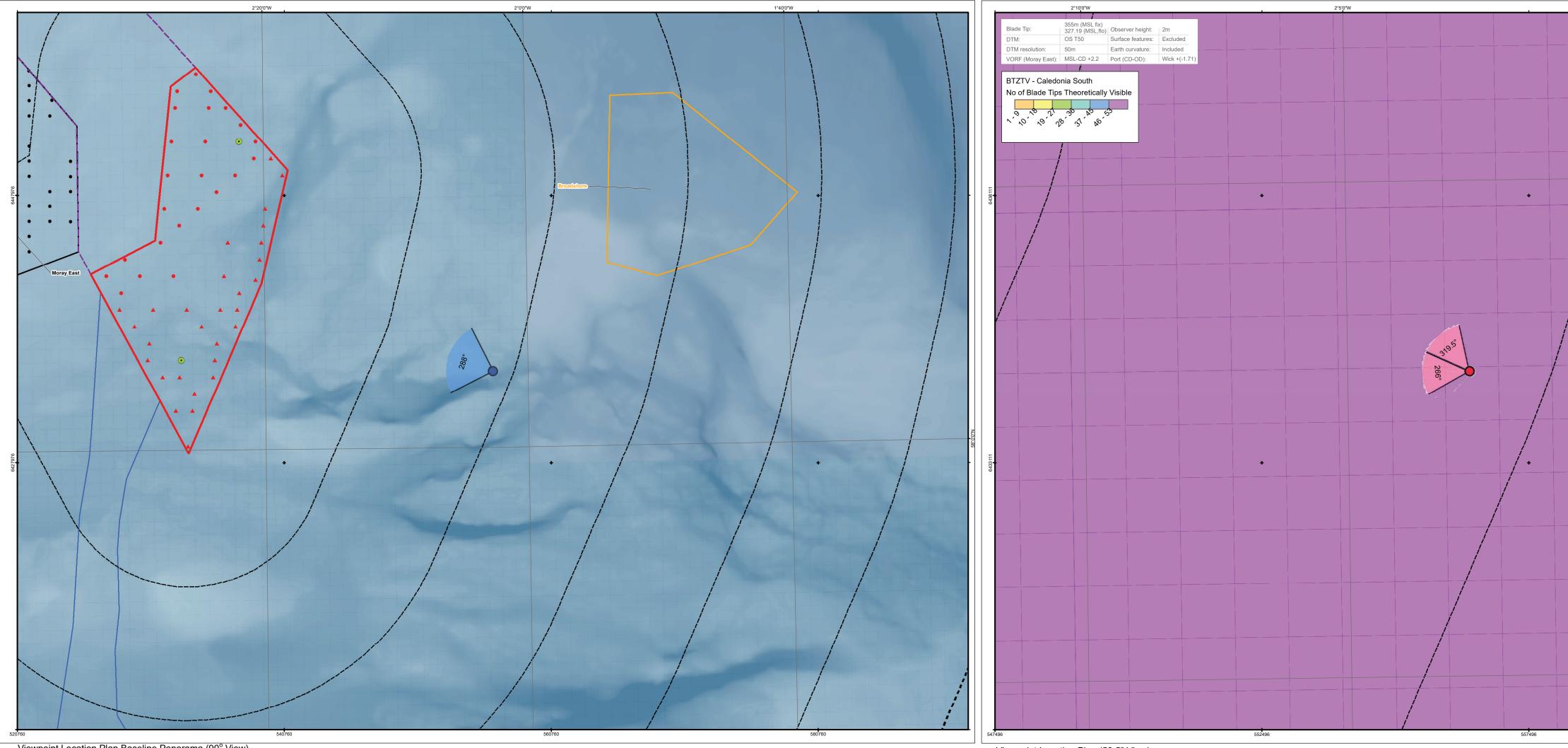
Horizontal field of view: 53.5° (planar projection) Principal distance: Paper size: Correct printed image size: 820 x 260 mm

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: 08.09.2023 20:24

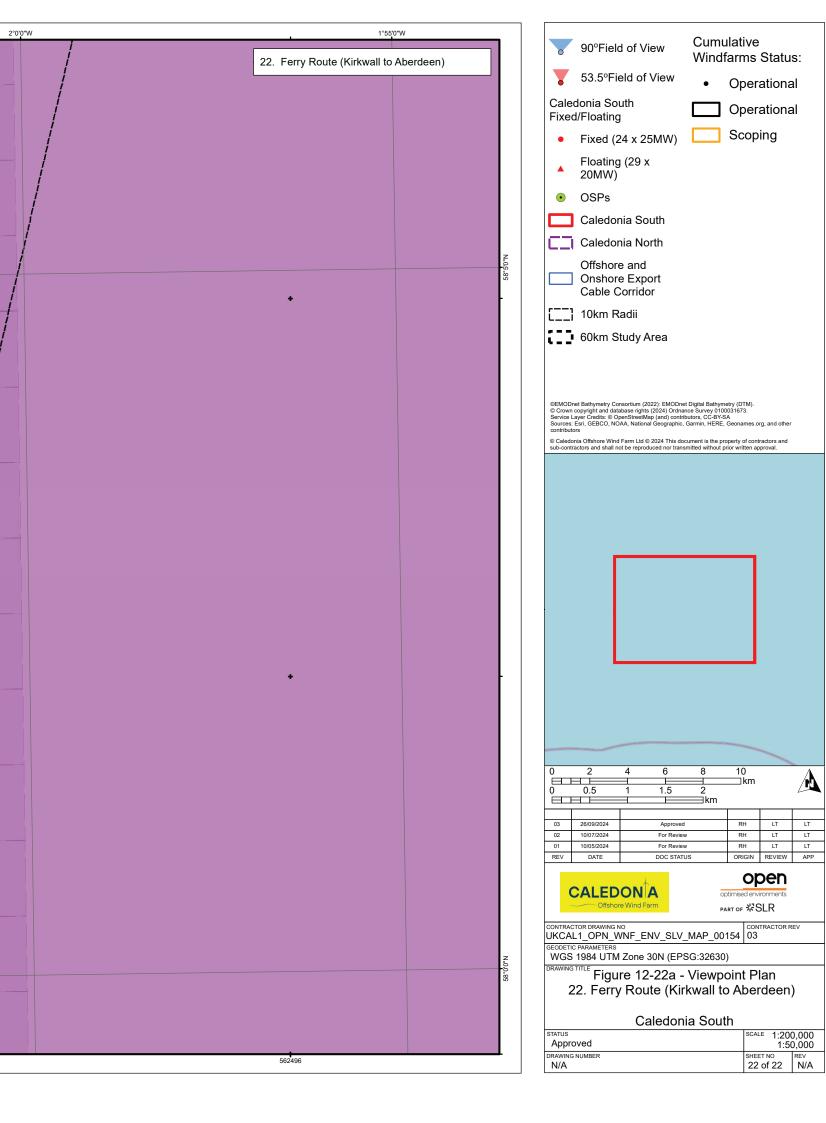
Operational and Under Construction offshore wind farms have been photomontaged in this view.

Figure: 12.21k Viewpoint 21: B9031, west of Fraserburgh **Caledonia South** © Crown copyright, All rights reserved (2023). Licence number 0100031673



Viewpoint Location Plan Baseline Panorama (90° View) Scale: 1:200,000

Viewpoint Location Plan (53.5° View) Scale: 1:50,000



Wireline drawing OS reference: 397455 E 906915 N. Eye level: 5.0 mAOD Principal distance: 622 mm Camera: Canon EOS 5D Mark II Lens: Canon EF 50mm f/1.4 Paper size: 622 mm (half A1) Paper size: 620 x 130 mm Direction of view: 19.05 km

st (50.1km)		BOWL (50.7km)	
(00. tkm)	Moray East (33.6km)		
Caledo	onia South (19km)		
the second secon			* + + +



Figure: 12.22b Viewpoint 22: Ferry Route (Kirkwall to Aberdeen) Caledonia South

-			
Wireline drawing			

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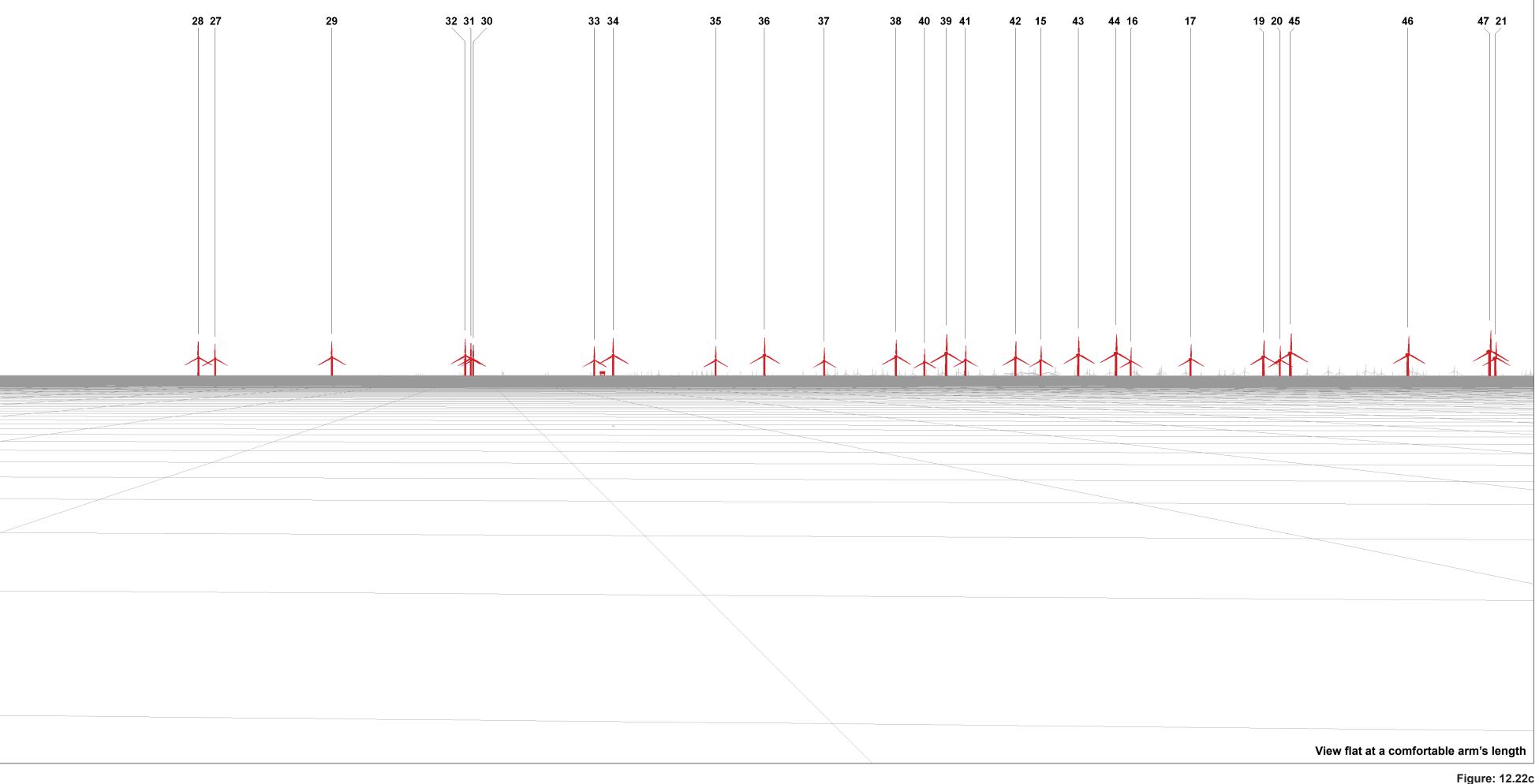
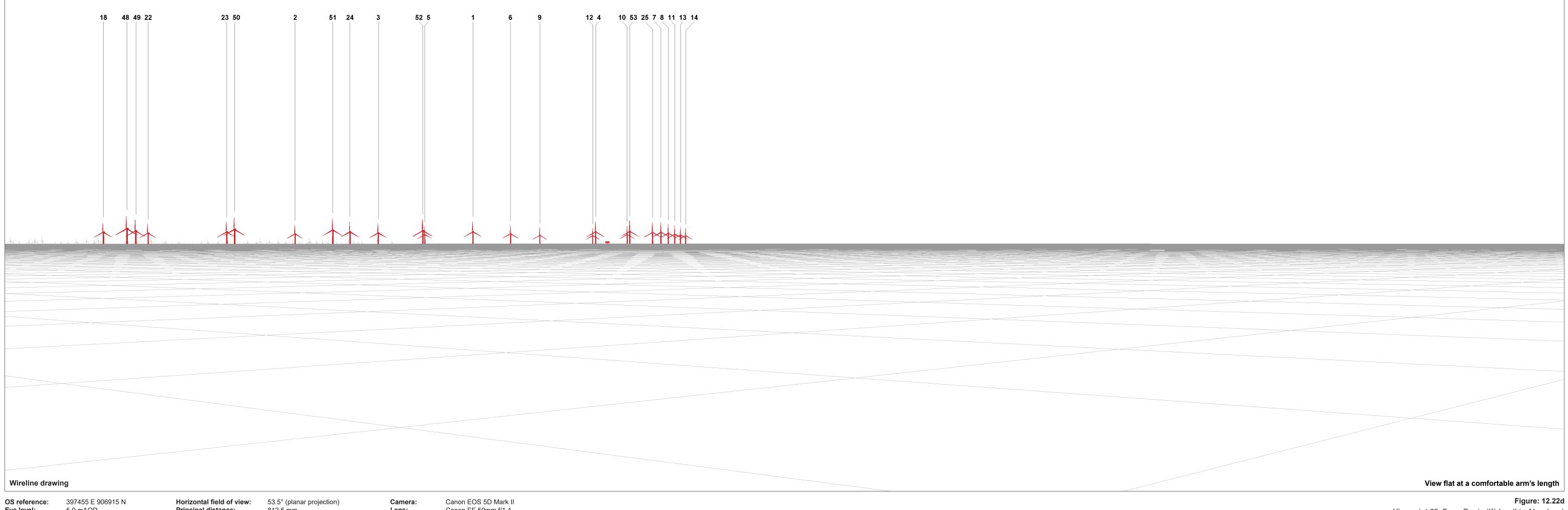


Figure: 12.22c Viewpoint 22: Ferry Route (Kirkwall to Aberdeen) Caledonia South © Crown copyright, All rights reserved (2023). Licence number 0100031673



Eye level: 5.0 mAOD **Direction of view:** 319.5° Nearest turbine: 19.05 km

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

812.5 mm 841 x 297 mm (half A1)

Lens: Canon EF 50mm f/1.4 Camera height: 5 m Date and time: 00.00.2024 00:00

Viewpoint 22: Ferry Route (Kirkwall to Aberdeen) **Caledonia South**

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

www.caledoniaoffshorewind.com

