



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

## **Volume 7D Caledonia South Appendices**

Appendix 12-3 Seascape, Landscape and Visual Impact Assessment Visualisations

Caledonia Offshore Wind Farm Ltd

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





**Code:** UKCAL-CWF-CON-EIA-RPT-00007-7D07  
**Rev:** Issued  
**Date:** 18 October 2024

# Volume 7D Appendix 12-3 Seascape, Landscape and Visual Impact Assessment Visualisations

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

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# Acronyms and Abbreviations

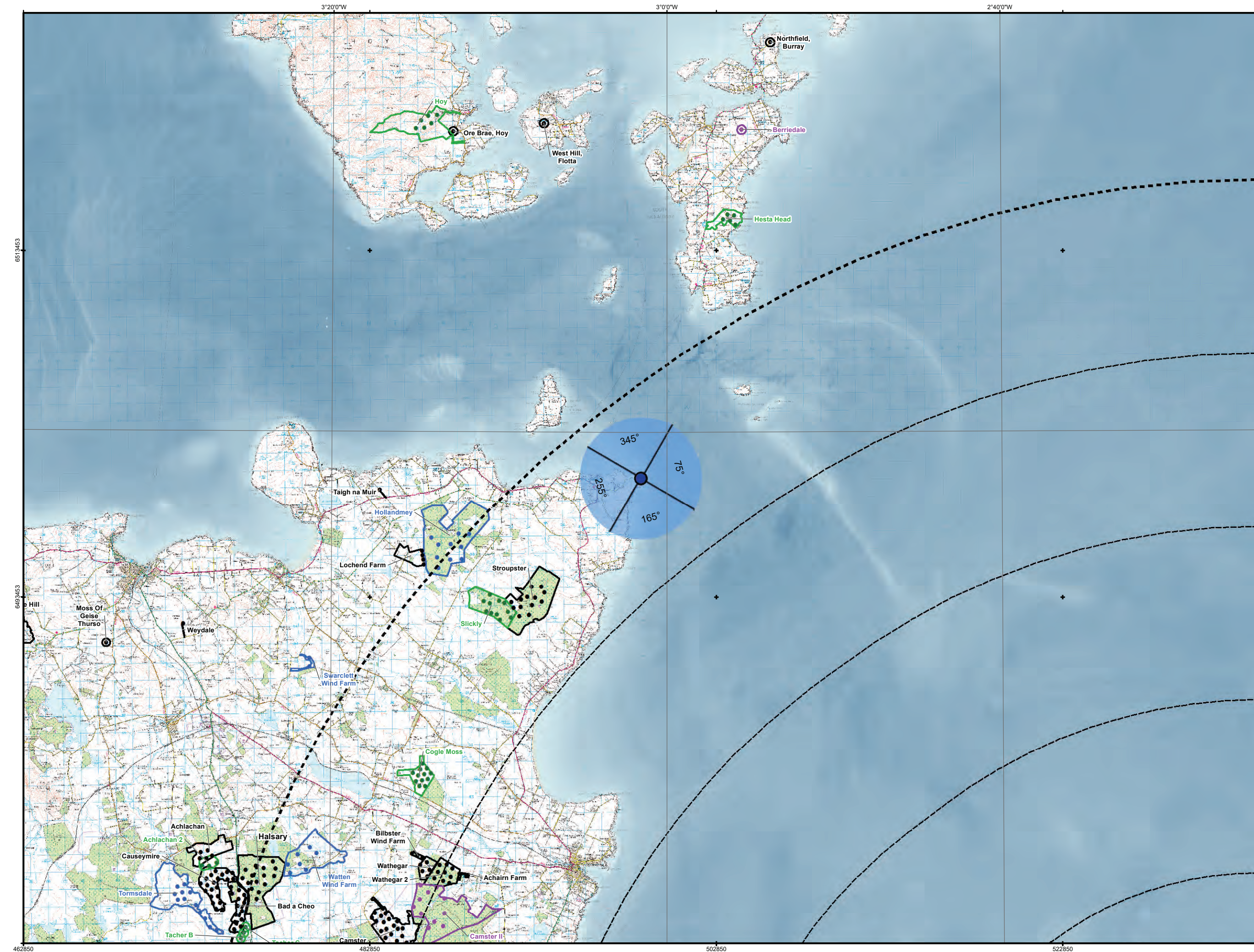
<b>BTZTV</b>	Blade Tip Zone of Theoretical Visibility
<b>OSP</b>	Offshore Substation Platform



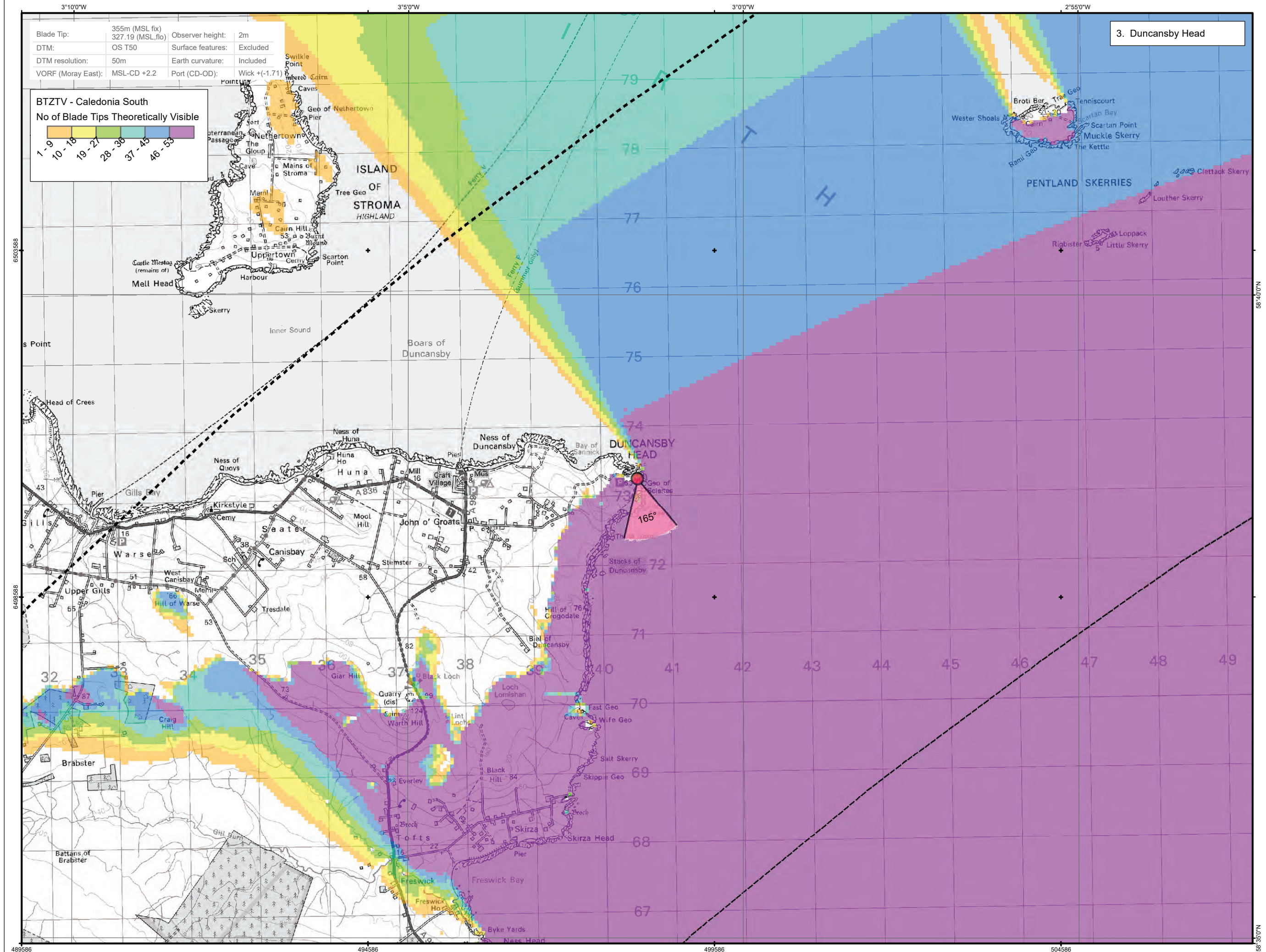








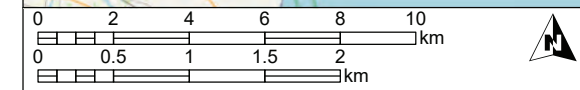
Viewpoint Location Plan Baseline Panorama (90° View)  
Scale: 1:200,000



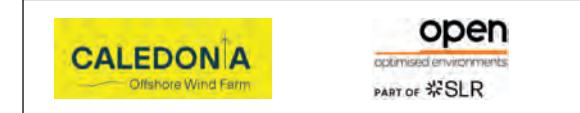
Viewpoint Location Plan (53.5° View)  
Scale: 1:50,000

- 90°Field of View  
53.5°Field of View
- Caledonia South  
Fixed/Floating
- Fixed (24 x 25MW)  
Floating (29 x 20MW)  
OSP's
- Caledonia South  
Caledonia North  
Offshore and Onshore Export Cable Corridor
- 10km Radii  
60km Study Area
- Cumulative Windfarms Status:  
Operational  
Under Construction  
Consented  
Appeal / Application

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REV	DATE	DOC STATUS	ORIGIN	REVIEW	APP
03	26/09/2024	Approved	RH	LT	LT
02	10/07/2024	For Review	RH	LT	LT
01	10/05/2024	For Review	RH	LT	LT



CONTRACTOR DRAWING NO: UKCAL1\_OPN\_WNF\_ENV\_SLV\_MAP\_00135  
CONTRACTOR REV: 03

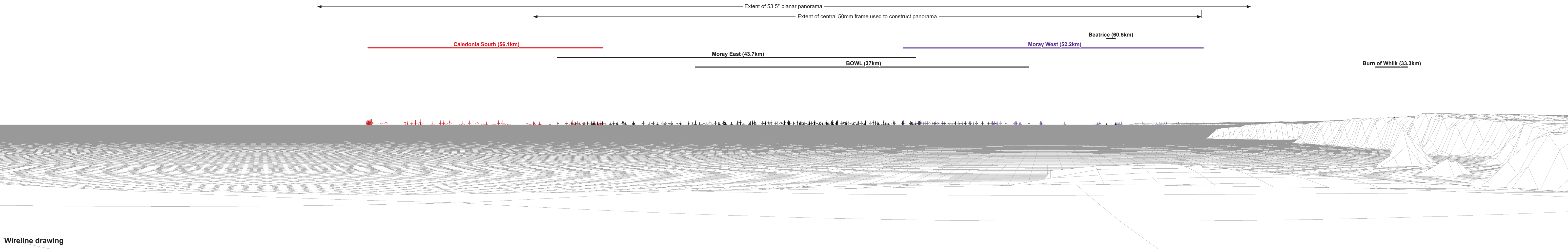
GEODETIC PARAMETERS  
WGS 1984 UTM Zone 30N (EPSG:32630)

DRAWING TITLE  
Figure 12-3a - Viewpoint Plan  
3. Duncansby Head

Caledonia South

STATUS Approved	SCALE 1:200,000 1:50,000
DRAWING NUMBER N/A	SHEET NO 03 of 22 REV N/A





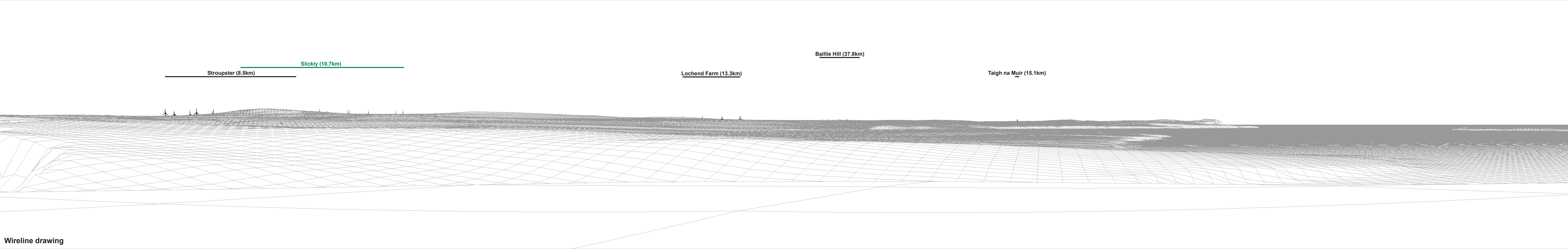
<b>OS reference:</b>	340522 E 973247 N	<b>Horizontal field of view:</b>	90° (cylindrical projection)	<b>Camera:</b>	Canon EOS 5D Mark II	<b>Figure: 12.3b</b>
<b>Eye level:</b>	63.8 mAOD	<b>Principal distance:</b>	522 mm	<b>Lens:</b>	Canon EF 50mm f/1.4	<b>Viewpoint 3: Duncansby Head</b>
<b>Direction of view:</b>	165°	<b>Paper size:</b>	841 x 297 mm (half A1)	<b>Camera height:</b>	1.5 m	<b>Caledonia South</b>
<b>Nearest turbine:</b>	56.06 km	<b>Correct printed image size:</b>	820 x 130 mm	<b>Date and time:</b>	16.10.2023 13:40	





Baseline photograph

This image provides landscape and visual context only



Wireline drawing

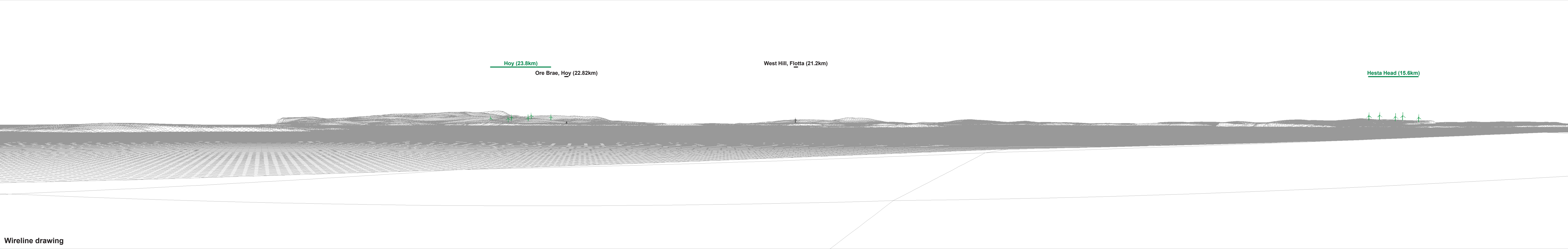
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Eye level:	63.8 mAOD	Principal distance:	522 mm	Lens:	Canon EF 50mm f/1.4	Viewpoint 3: Duncansby Head
Direction of view:	255°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m	Caledonia South
Nearest turbine:	56.06 km	Correct printed image size:	820 x 130 mm	Date and time:	16.10.2023 13:40	





Baseline photograph

This image provides landscape and visual context only



Wireline drawing

<b>OS reference:</b>	340522 E 973247 N	<b>Horizontal field of view:</b>	90° (cylindrical projection)	<b>Camera:</b>	Canon EOS 5D Mark II	<b>Figure: 12.3d</b>
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<b>Direction of view:</b>	345°	<b>Paper size:</b>	841 x 297 mm (half A1)	<b>Camera height:</b>	1.5 m	<b>Caledonia South</b>
<b>Nearest turbine:</b>	56.06 km	<b>Correct printed image size:</b>	820 x 130 mm	<b>Date and time:</b>	16.10.2023 13:40	© Crown copyright, All rights reserved (2023). Licence number 0100031673

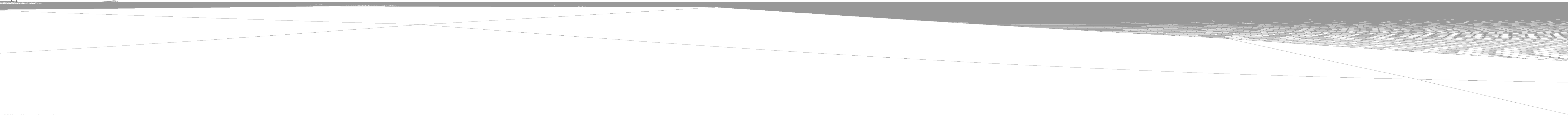




Baseline photograph

This image provides landscape and visual context only

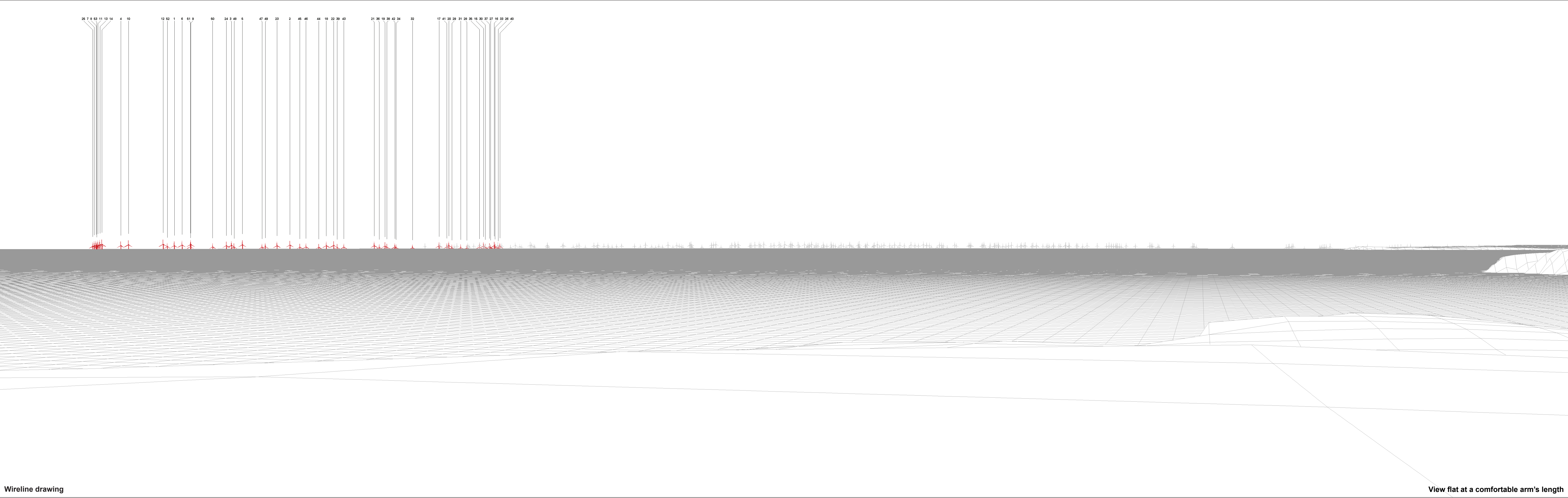
Barnes of Ayre (35.7km)



Wireline drawing

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<b>Nearest turbine:</b>	56.06 km	<b>Correct printed image size:</b>	820 x 130 mm	<b>Date and time:</b>	16.10.2023 13:40	









Baseline photograph.

View flat at a comfortable arm's length

OS reference:	340522 E 973247 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II
Eye level:	63.8 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	165°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Nearest turbine:	56.06 km	Correct printed image size:	820 x 260 mm	Date and time:	16.10.2023 13:40

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

Figure: 12.3g  
Viewpoint 3: Duncansby Head  
Caledonia South

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Photomontage: Proposed Development.

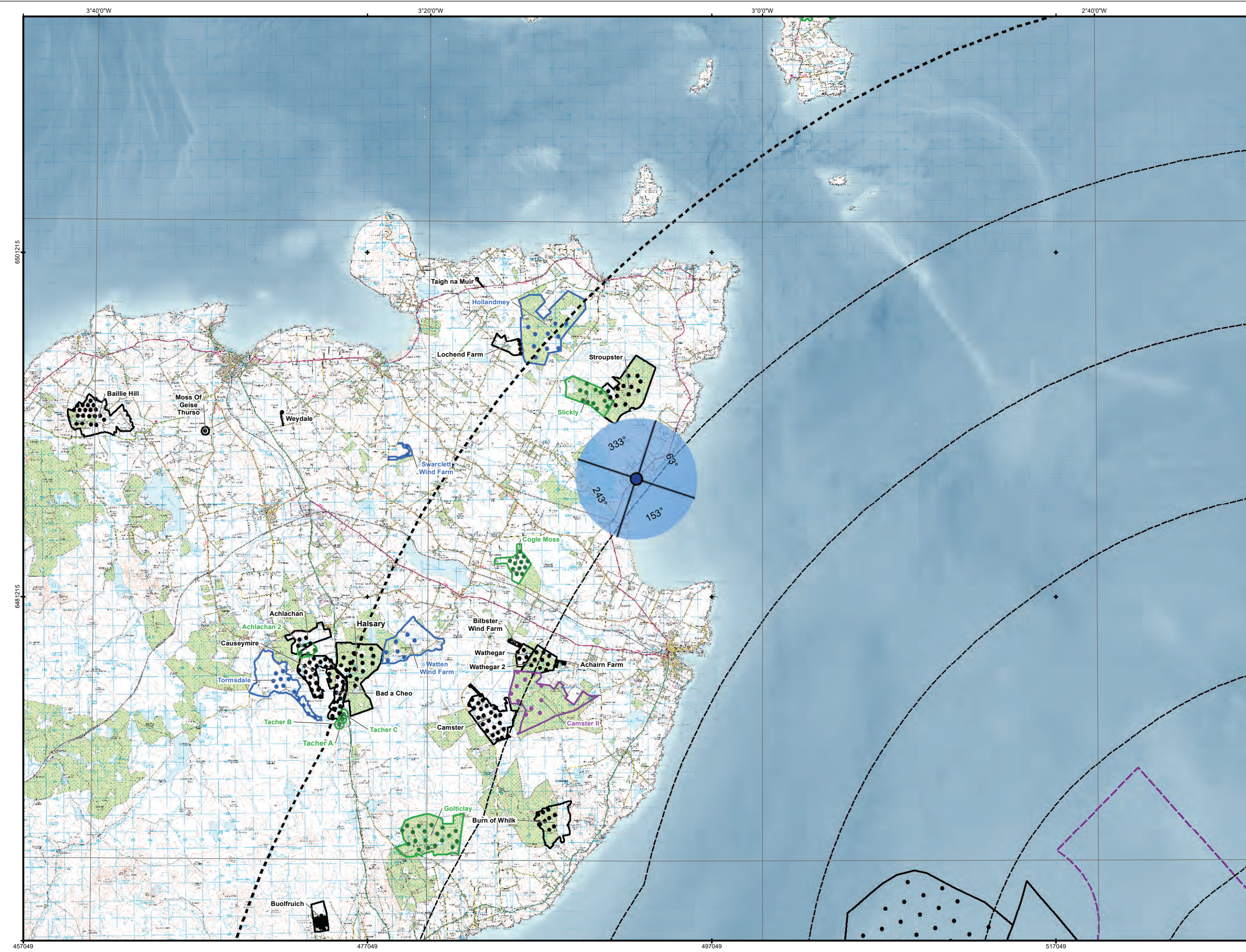
View flat at a comfortable arm's length

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Direction of view:	165°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Nearest turbine:	56.06 km	Correct printed image size:	820 x 260 mm	Date and time:	16.10.2023 13:40

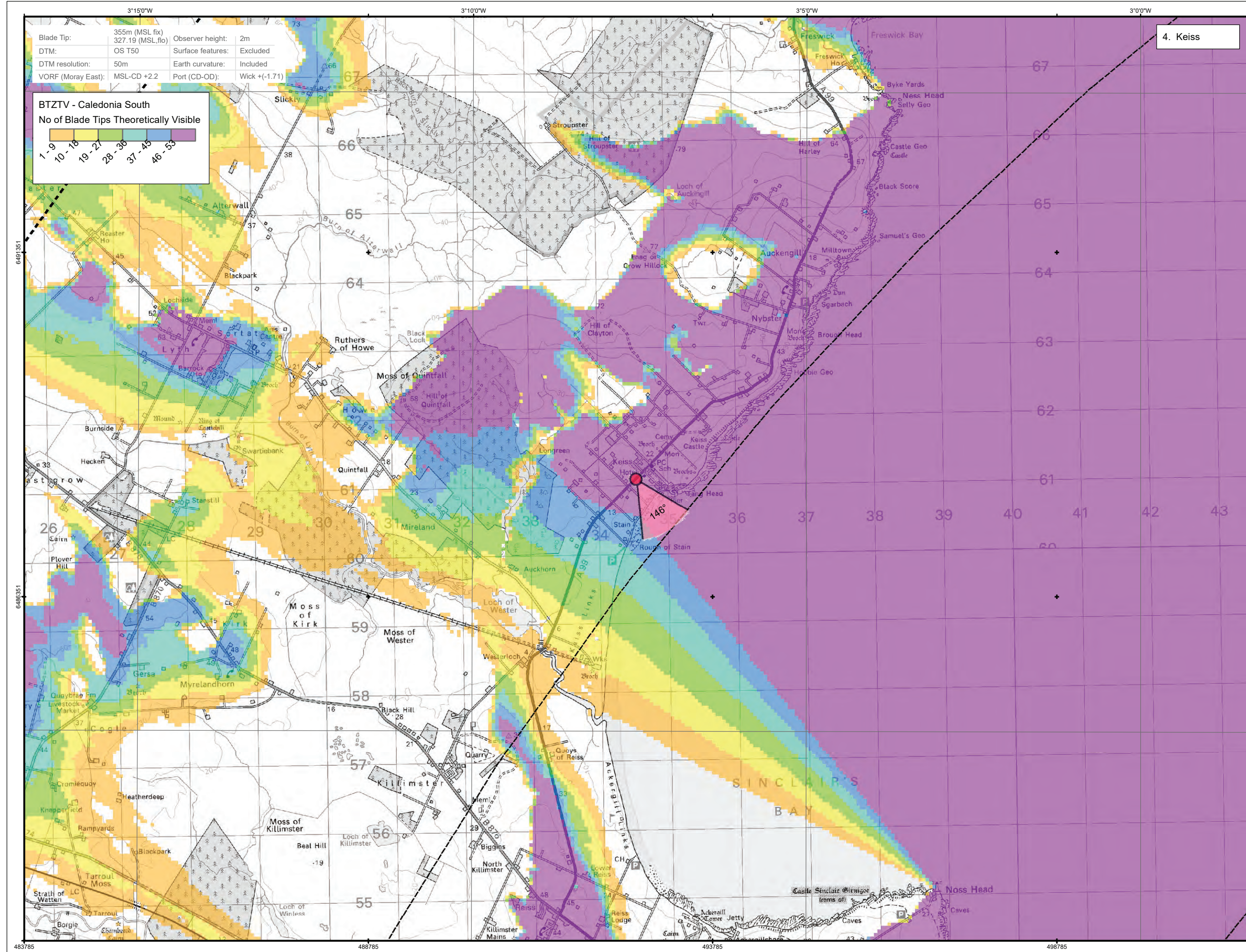
Operational and Under Construction offshore wind farms have been photomontaged in this view.

Figure: 12.3h  
Viewpoint 3: Duncansby Head  
Caledonia South





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



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

90°Field of View

53.5°Field of View

Caledonia South Fixed/Floating

Fixed (24 x 25MW)

Floating (29 x 20MW)

OSP

Caledonia South

Caledonia North

Offshore and Onshore Export Cable Corridor

10km Radii

60km Study Area

Cumulative Windfarms Status:

Operational

Under Construction

Consented

Appeal / Application

Operational

Under Construction

Consented

Appeal / Application

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0 2 4 6 8 10 km

0 0.5 1 1.5 2 km

03	26/09/2024	Approved	RH	LT	LT
02	10/07/2024	For Review	RH	LT	LT
01	10/05/2024	For Review	RH	LT	LT
REV	DATE	DOC STATUS	ORIGIN	REVIEW	APP

CALEDONIA

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open

optimised environments

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SLR

CONTRACTOR DRAWING NO

UKCAL1\_OPN\_WNF\_ENV\_SLV\_MAP\_00136

CONTRACTOR REV

03

GEODETIC PARAMETERS

WGS 1984 UTM Zone 30N (EPSG:32630)

DRAWING TITLE

Figure 12-4a - Viewpoint Plan  
4. Keiss

Caledonia South

STATUS

Approved

SCALE

1:200,000  
1:50,000

DRAWING NUMBER

N/A

SHEET NO

04 of 22

REV

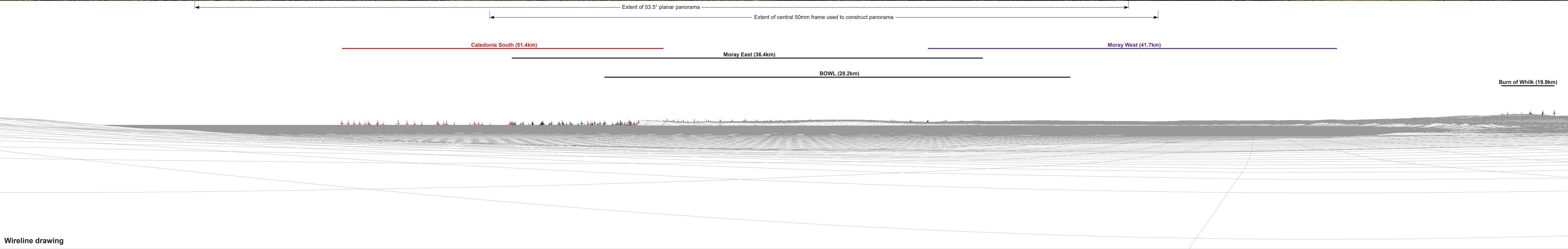
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Baseline photograph

This image provides landscape and visual context only



Wireline drawing

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Eye level:	15.4 mAOD	Principal distance:	522 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	153°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Nearest turbine:	51.45 km	Correct printed image size:	820 x 130 mm	Date and time:	17.10.2023 15:03

Figure: 12.4b  
Viewpoint 4: Keiss  
Caledonia South

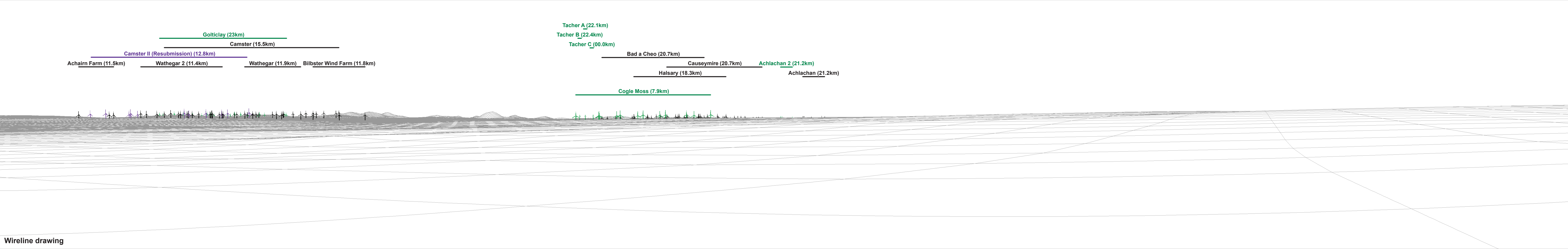
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Baseline photograph

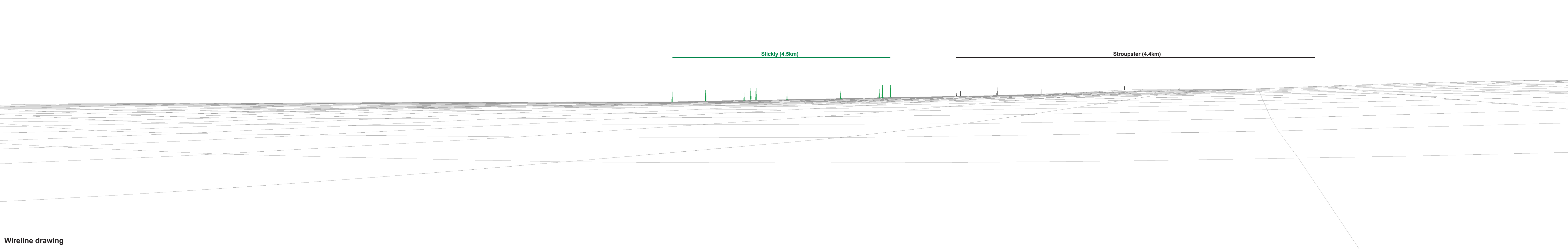
This image provides landscape and visual context only



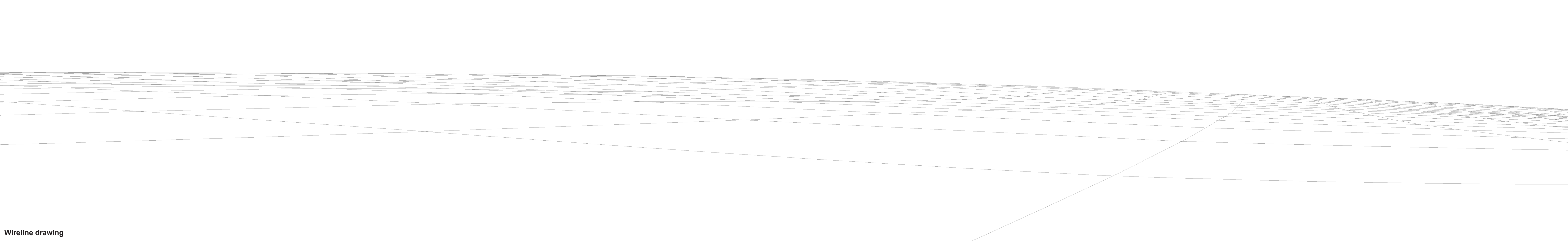
Wireline drawing

OS reference:	334539 E 961097 N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 5D Mark II	Figure: 12.4c
Eye level:	15.4 mAOD	Principal distance:	522 mm	Lens:	Canon EF 50mm f/1.4	Viewpoint 4: Keiss
Direction of view:	243°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m	Caledonia South
Nearest turbine:	51.45 km	Correct printed image size:	820 x 130 mm	Date and time:	17.10.2023 15:03	

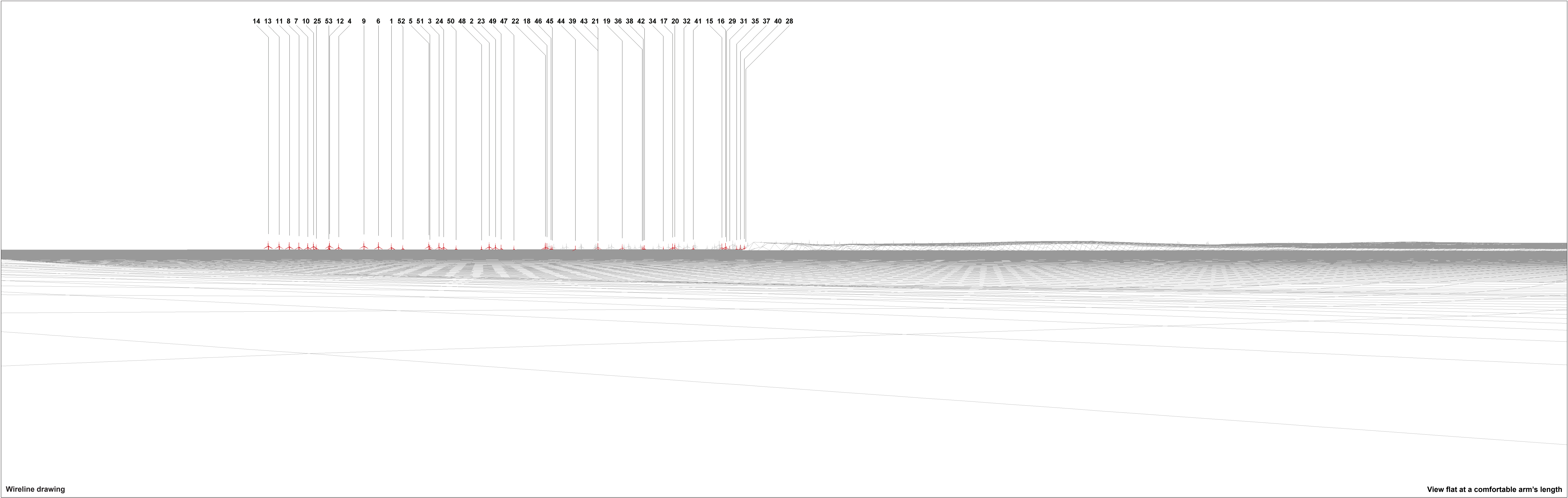
















Baseline photograph.

View flat at a comfortable arm's length

OS reference:	334539 E 961097 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II
Eye level:	15.4 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	146°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Nearest turbine:	51.45 km	Correct printed image size:	820 x 260 mm	Date and time:	17.10.2023 15:03

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

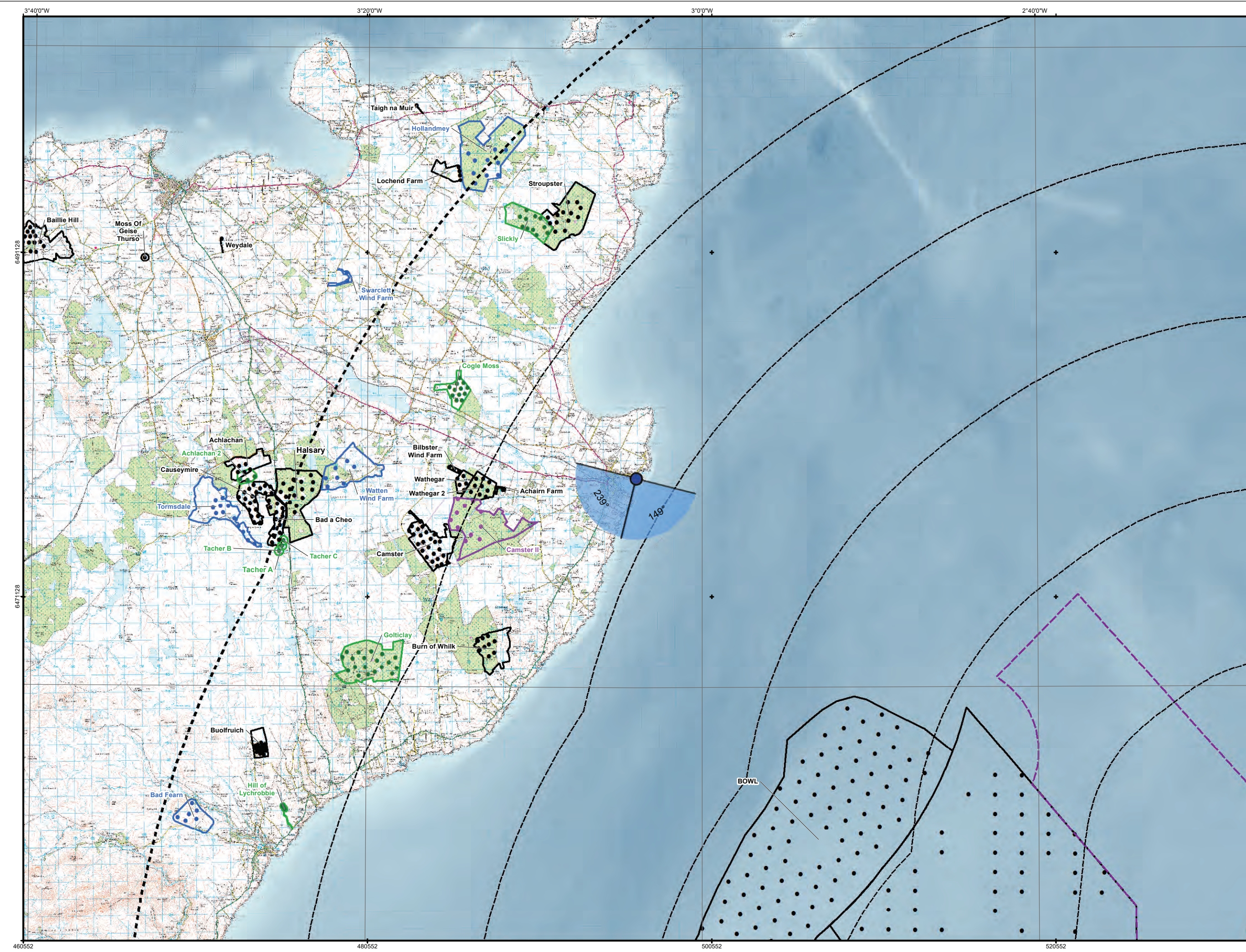




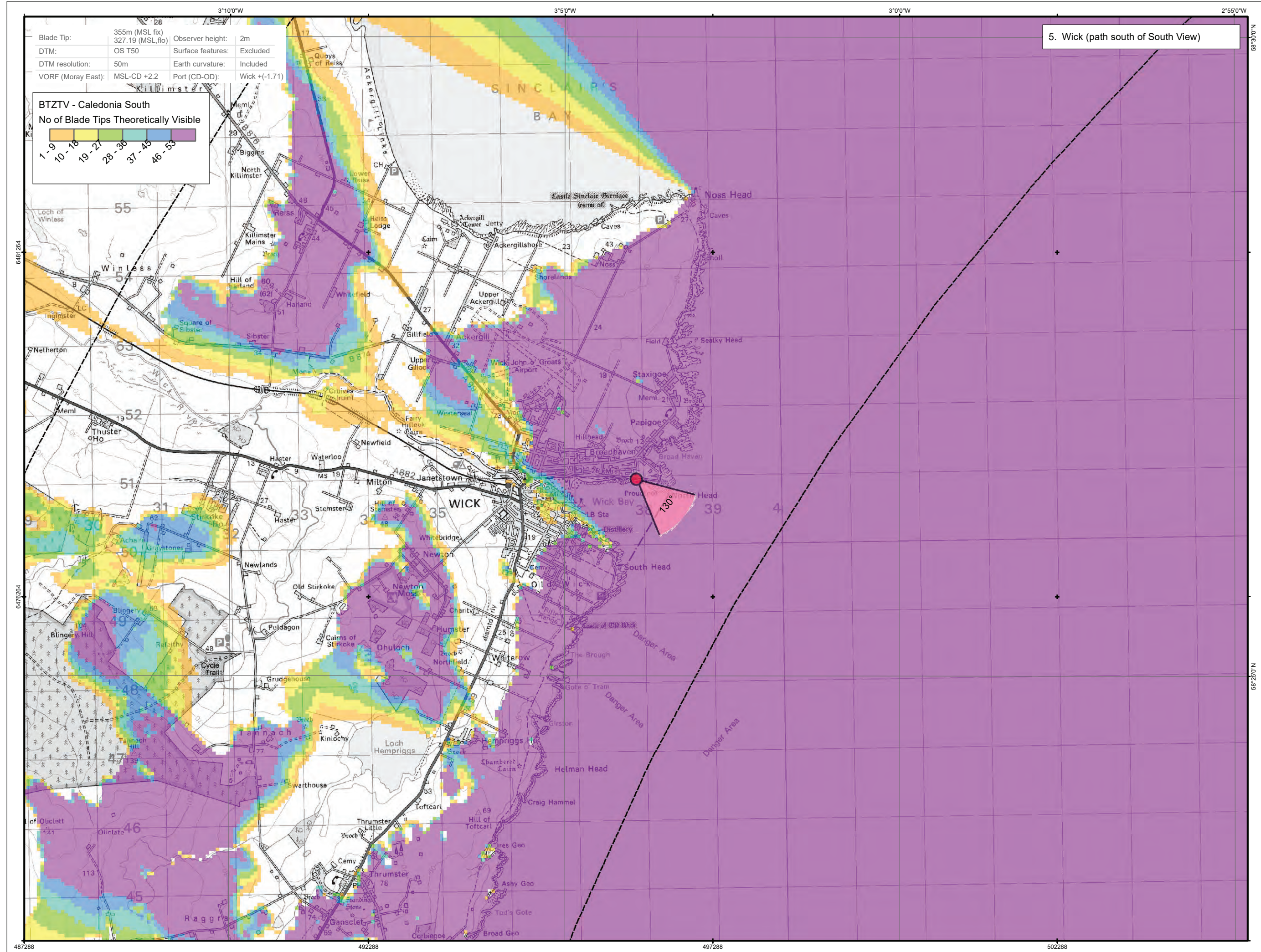
<b>OS reference:</b>	334539 E 961097 N	<b>Horizontal field of view:</b>	53.5° (planar projection)	<b>Camera:</b>	Canon EOS 5D Mark II
<b>Eye level:</b>	15.4 mAOD	<b>Principal distance:</b>	812.5 mm	<b>Lens:</b>	Canon EF 50mm f/1.4
<b>Direction of view:</b>	146°	<b>Paper size:</b>	841 x 297 mm (half A1)	<b>Camera height:</b>	1.5 m
<b>Nearest turbine:</b>	51.45 km	<b>Correct printed image size:</b>	820 x 260 mm	<b>Date and time:</b>	17.10.2023 15:03

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





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



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

90°Field of View

53.5°Field of View

Caledonia South Fixed/Floating

Fixed (24 x 25MW)

Floating (29 x 20MW)

OSP

Caledonia South

Caledonia North

Offshore and Onshore Export Cable Corridor

10km Radii

60km Study Area

Cumulative Windfarms Status:

Operational

Under Construction

Consented

Appeal / Application

Operational

Under Construction

Consented

Appeal / Application

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0 2 4 6 8 10 km

0 0.5 1 1.5 2 km

03	26/09/2024	Approved	RH	LT	LT
02	10/07/2024	For Review	RH	LT	LT
01	10/05/2024	For Review	RH	LT	LT
REV	DATE	DOC STATUS	ORIGIN	REVIEW	APP

CALEDONIA

Offshore Wind Farm

open

optimised environments

PART OF SLR

CONTRACTOR DRAWING NO  
UKCAL1\_OPN\_WNF\_ENV\_SLV\_MAP\_00137

CONTRACTOR REV  
03

GEODETIC PARAMETERS  
WGS 1984 UTM Zone 30N (EPSG:32630)

DRAWING TITLE  
Figure 12-5a - Viewpoint Plan  
5. Wick (path south of South View)

Caledonia South

STATUS  
Approved

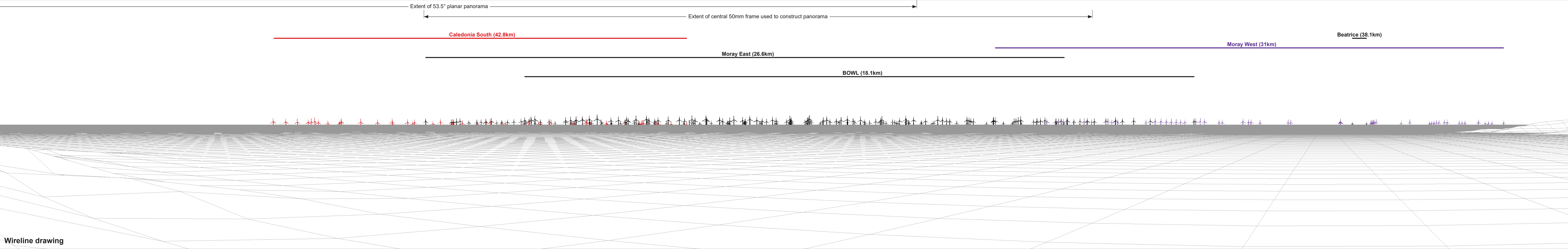
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SHEET NO  
05 of 22

REV  
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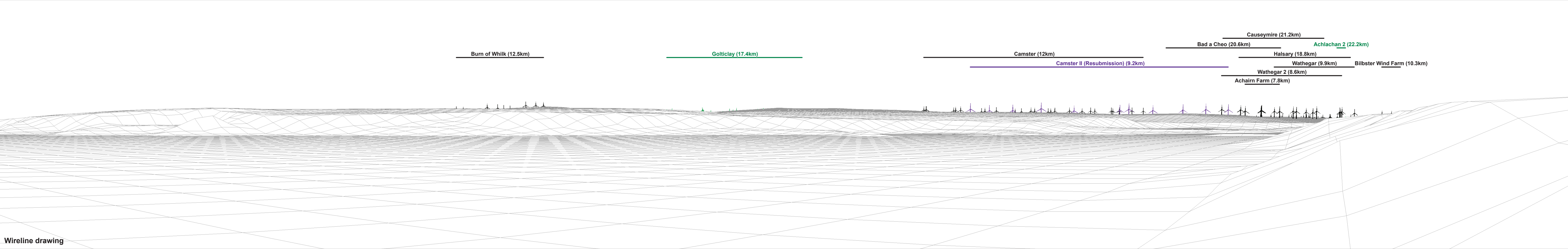






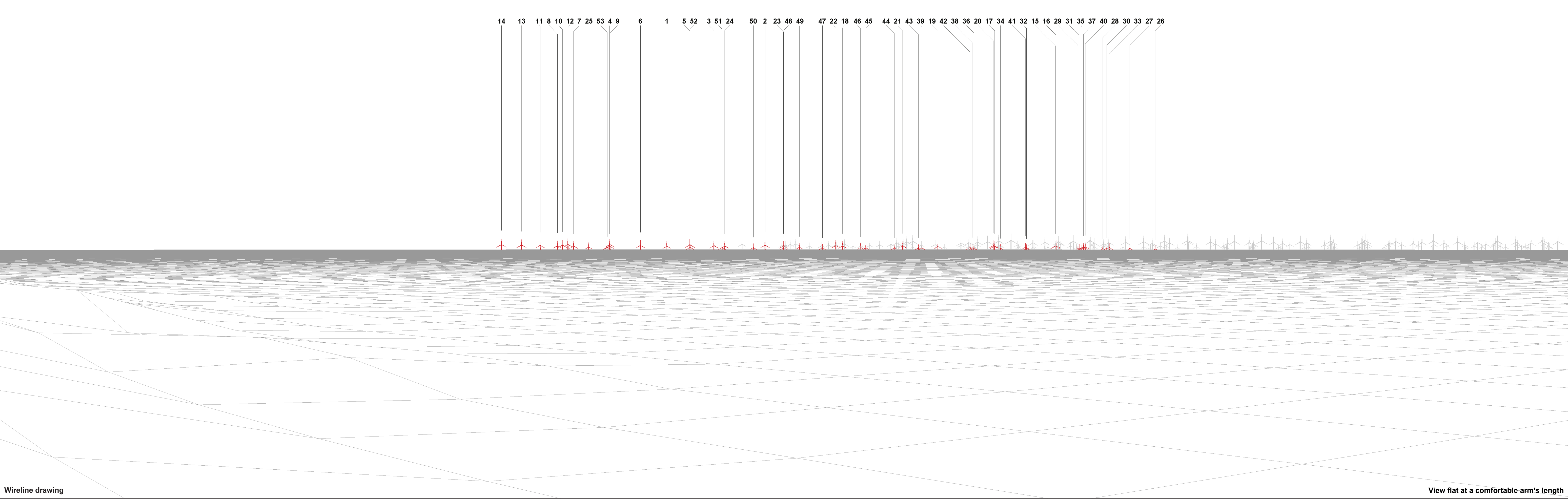
Baseline photograph

This image provides landscape and visual context only



Wireline drawing





Wireline drawing

View flat at a comfortable arm's length





Baseline photograph.

View flat at a comfortable arm's length

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Eye level:	12.1 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
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Nearest turbine:	42.77 km	Correct printed image size:	820 x 260 mm	Date and time:	16.10.2023 14:52

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

Figure: 12.5e  
Viewpoint 5: Wick (path south of South View)  
Caledonia South





Photomontage: Proposed Development.

View flat at a comfortable arm's length

OS reference:	337892 E 950958 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II
Eye level:	12.1 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	130°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Nearest turbine:	42.77 km	Correct printed image size:	820 x 260 mm	Date and time:	16.10.2023 14:52

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

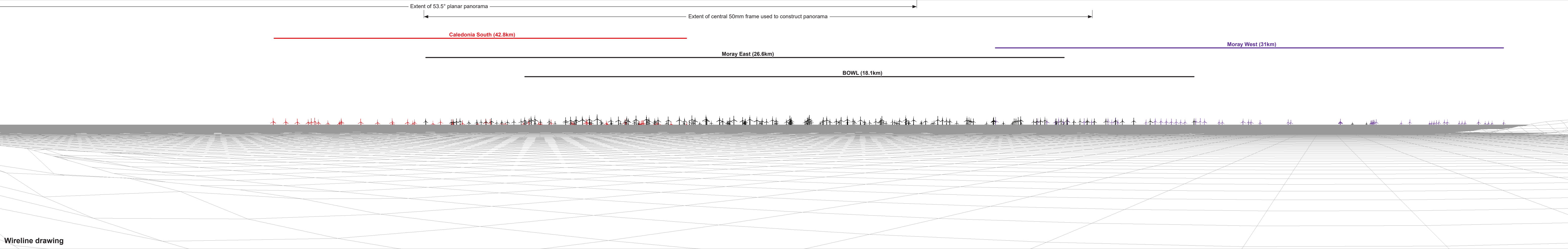
Figure: 12.5f  
Viewpoint 5: Wick (path south of South View)  
Caledonia South

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This image provides landscape and visual context only



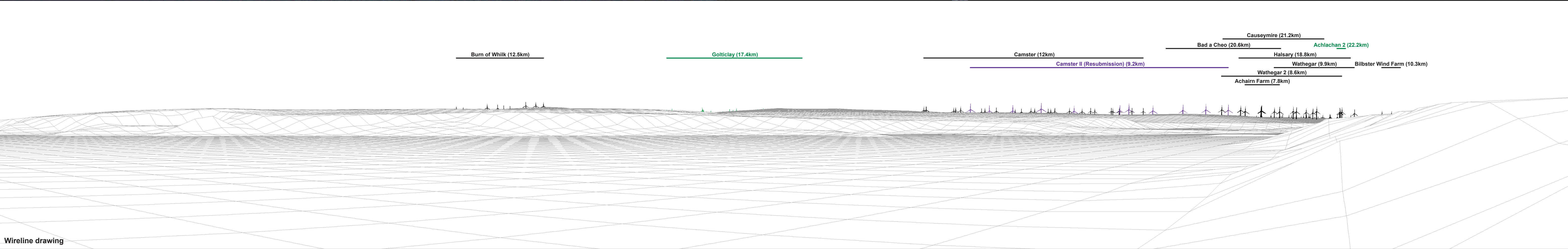
<b>OS reference:</b>	337892 E 950958 N	<b>Horizontal field of view:</b>	90° (cylindrical projection)	<b>Camera:</b>	Canon EOS 5D Mark II	<b>Figure: 12.5g</b>
<b>Eye level:</b>	12.1 mAOD	<b>Principal distance:</b>	522 mm	<b>Lens:</b>	Canon EF 50mm f/1.4	<b>Viewpoint 5: Wick (path south of South View)</b>
<b>Direction of view:</b>	149°	<b>Paper size:</b>	841 x 297 mm (half A1)	<b>Camera height:</b>	1.5 m	<b>Caledonia South</b>
<b>Nearest turbine:</b>	42.77 km	<b>Correct printed image size:</b>	820 x 130 mm	<b>Date and time:</b>	16.10.2023 18:55	© Crown copyright, All rights reserved (2023). Licence number 0100031673





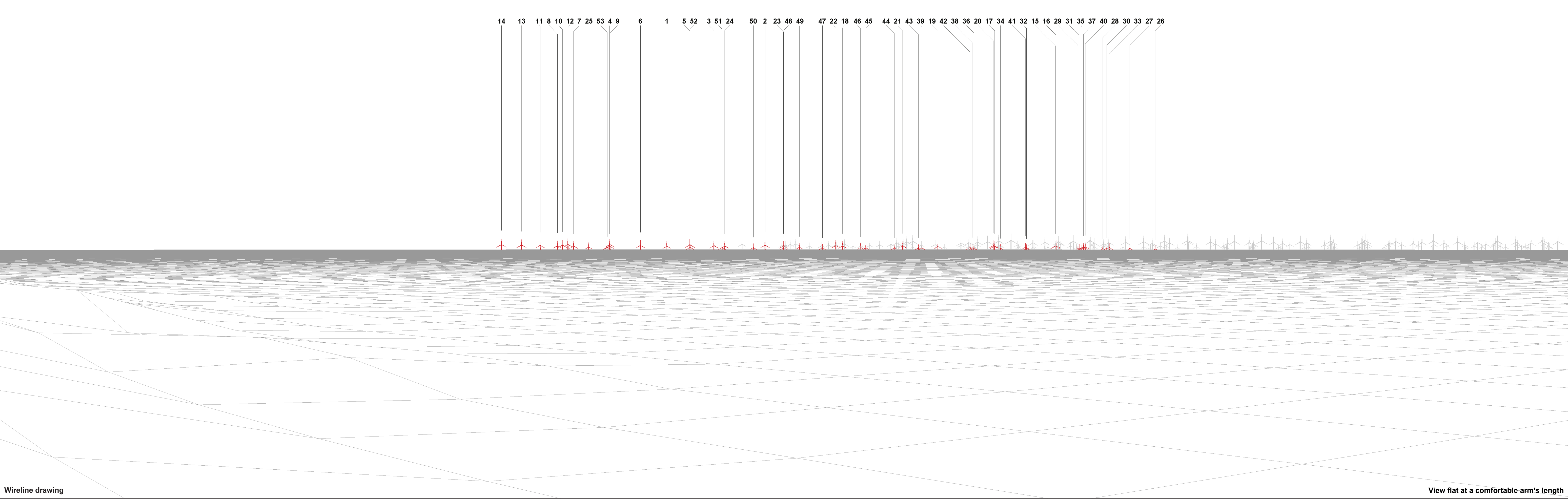
Baseline photograph

This image provides landscape and visual context only



Wireline drawing





Wireline drawing

View flat at a comfortable arm's length





Baseline photograph.

View flat at a comfortable arm's length

OS reference:	337892 E 950958 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II
Eye level:	12.1 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	130°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Nearest turbine:	42.77 km	Correct printed image size:	820 x 260 mm	Date and time:	16.10.2023 18:55

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

Figure: 12.5j  
Viewpoint 5: Wick (path south of South View)  
Caledonia South

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Photomontage: Proposed Development.

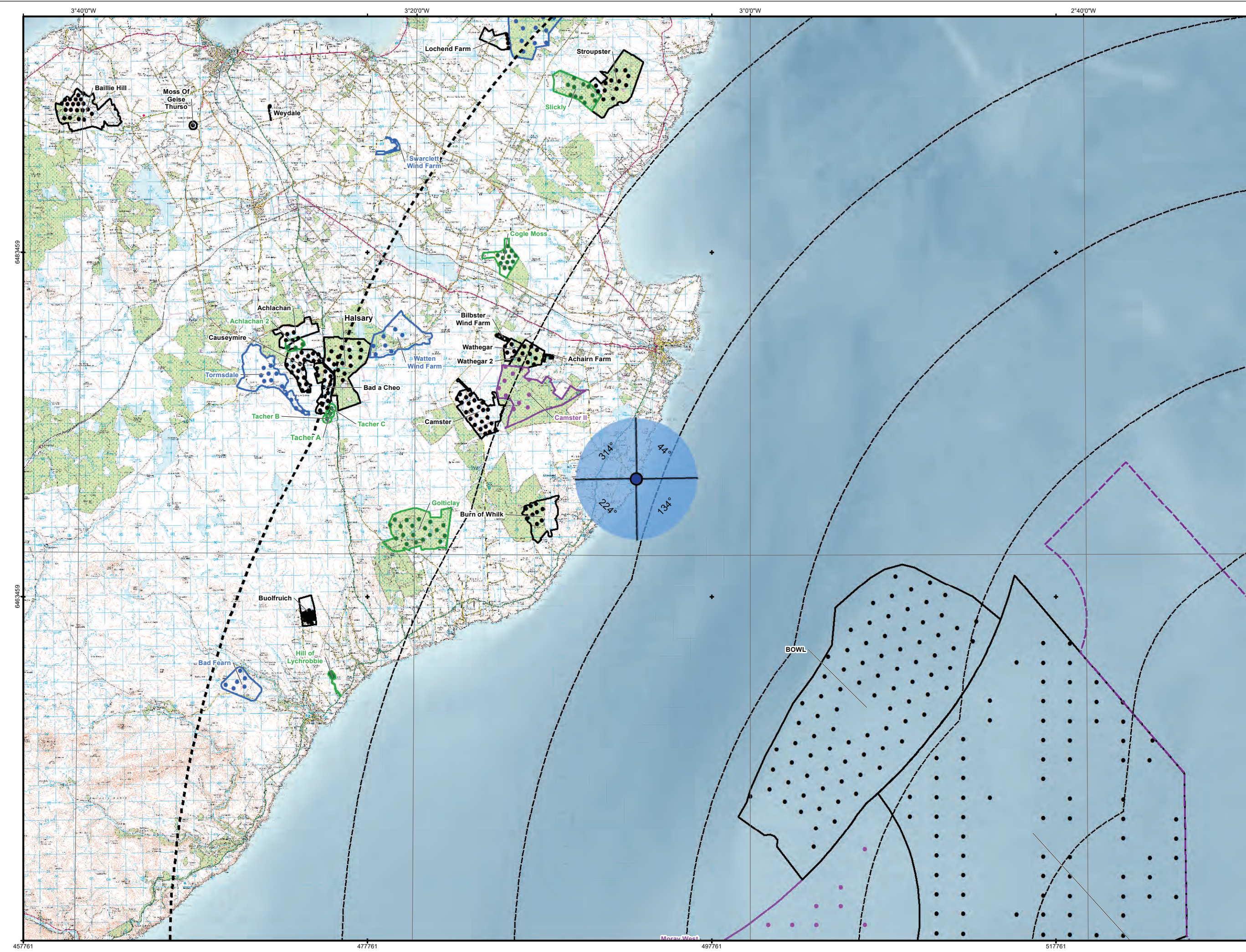
View flat at a comfortable arm's length

OS reference:	337892 E 950958 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II
Eye level:	12.1 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	130°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Nearest turbine:	42.77 km	Correct printed image size:	820 x 260 mm	Date and time:	16.10.2023 18:55

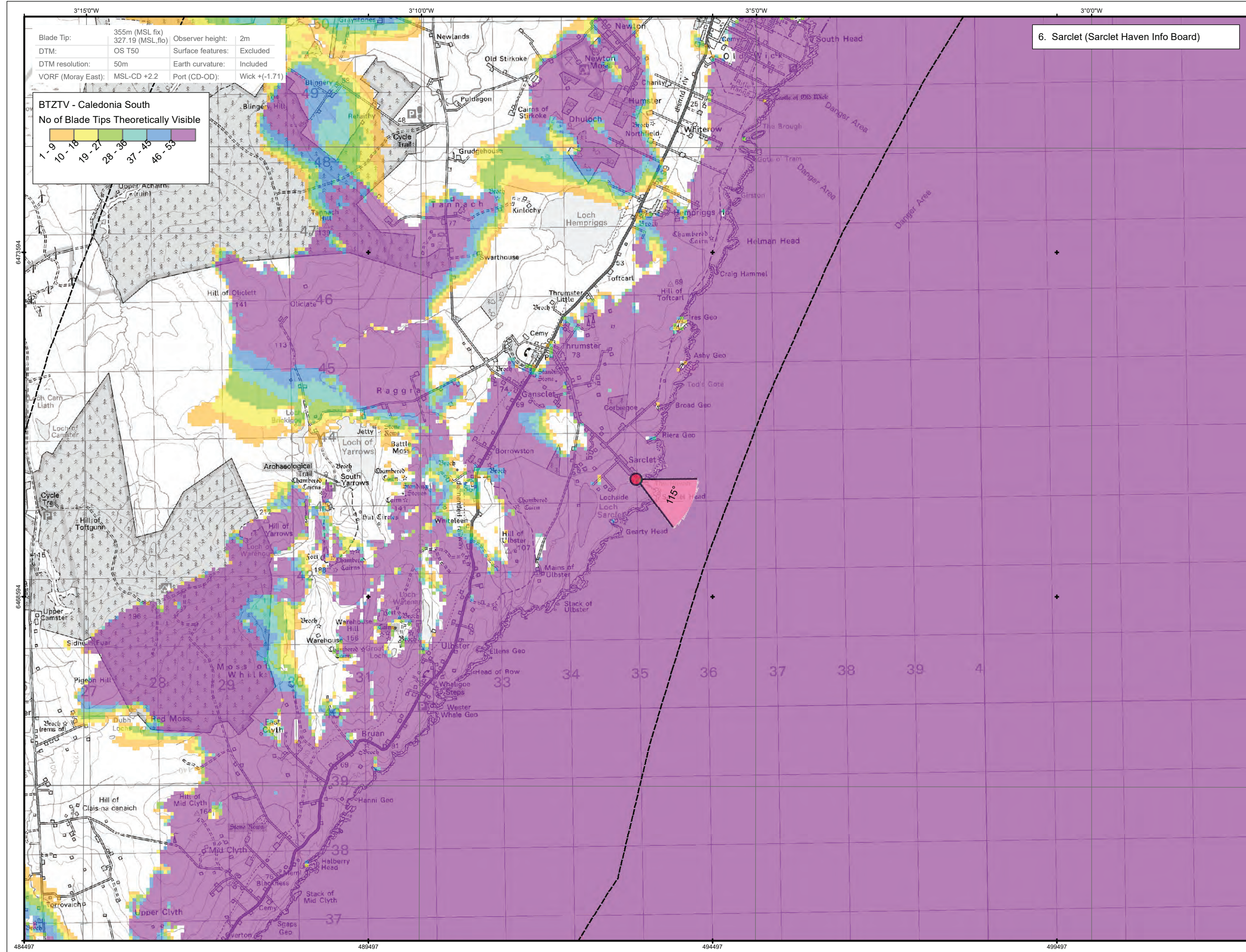
Operational and Under Construction offshore wind farms have been photomontaged in this view.

Figure: 12.5k  
Viewpoint 5: Wick (path south of South View)  
Caledonia South





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



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

90°Field of View

53.5°Field of View

Caledonia South Fixed/Floating

Fixed (24 x 25MW)

Floating (29 x 20MW)

OSP

Caledonia South

Caledonia North

Offshore and Onshore Export Cable Corridor

10km Radii

60km Study Area

Cumulative Windfarms Status:

Operational

Under Construction

Consented

Appeal / Application

Operational

Under Construction

Consented

Appeal / Application

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Sinclair's Bay

Wick

East Caithness

Cape Marine Protected Area

78

Seatrice Wind Farm

0 2 4 6 8 10

0 0.5 1 1.5 2

km

km

03	26/09/2024	Approved	RH	LT	LT
02	10/07/2024	For Review	RH	LT	LT
01	10/05/2024	For Review	RH	LT	LT
REV	DATE	DOC STATUS	ORIGIN	REVIEW	APP

CALEDONIA

Offshore Wind Farm

open

optimised environments

PART OF SLR

CONTRACTOR DRAWING NO  
UKCAL1\_OPN\_WNF\_ENV\_SLV\_MAP\_00138

CONTRACTOR REV  
03

GEOIDETIC PARAMETERS  
WGS 1984 UTM Zone 30N (EPSG:32630)

DRAWING TITLE  
Figure 12-6a - Viewpoint Plan  
6. Sarclet (Sarclet Haven Info Board)

Caledonia South

STATUS  
Approved

SCALE  
1:200,000  
1:50,000

DRAWING NUMBER  
N/A

SHEET NO  
06 of 22

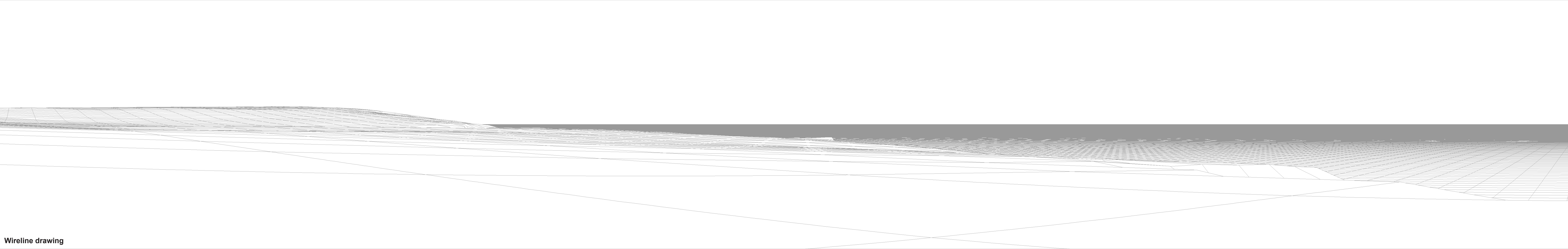
REV  
N/A





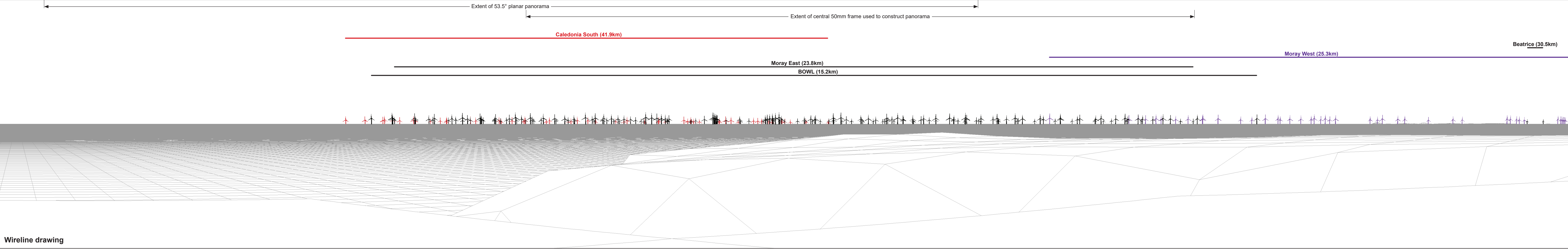
Baseline photograph

This image provides landscape and visual context only



Wireline drawing

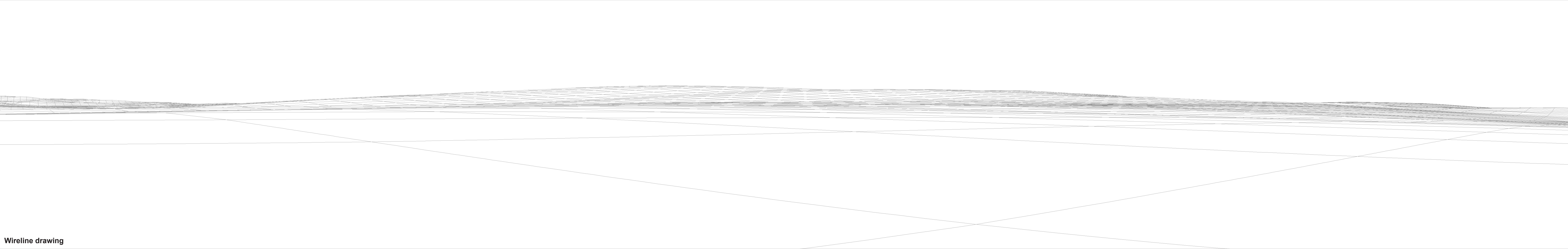




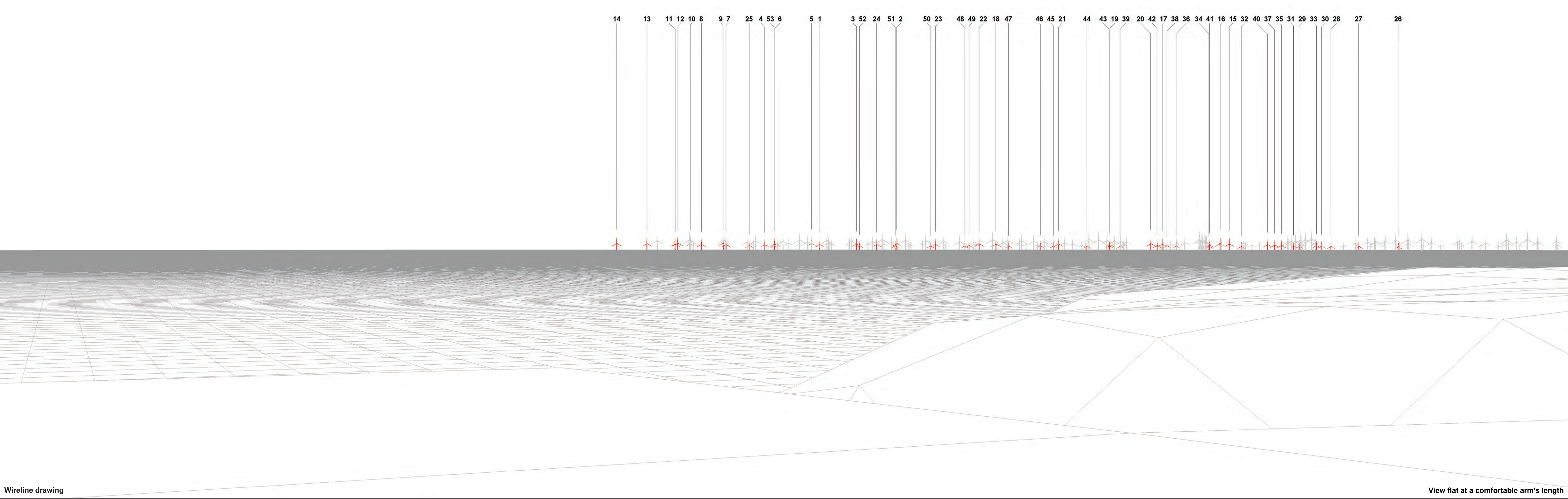
















Baseline photograph.

View flat at a comfortable arm's length

OS reference:	334987 E 943330 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II
Eye level:	40.9 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	115°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Nearest turbine:	41.95 km	Correct printed image size:	820 x 260 mm	Date and time:	16.10.2023 12:39

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

Figure: 12.6g  
Viewpoint 6: Sarclet (Sarclet Haven Info Board)  
Caledonia South

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Photomontage: Proposed Development.

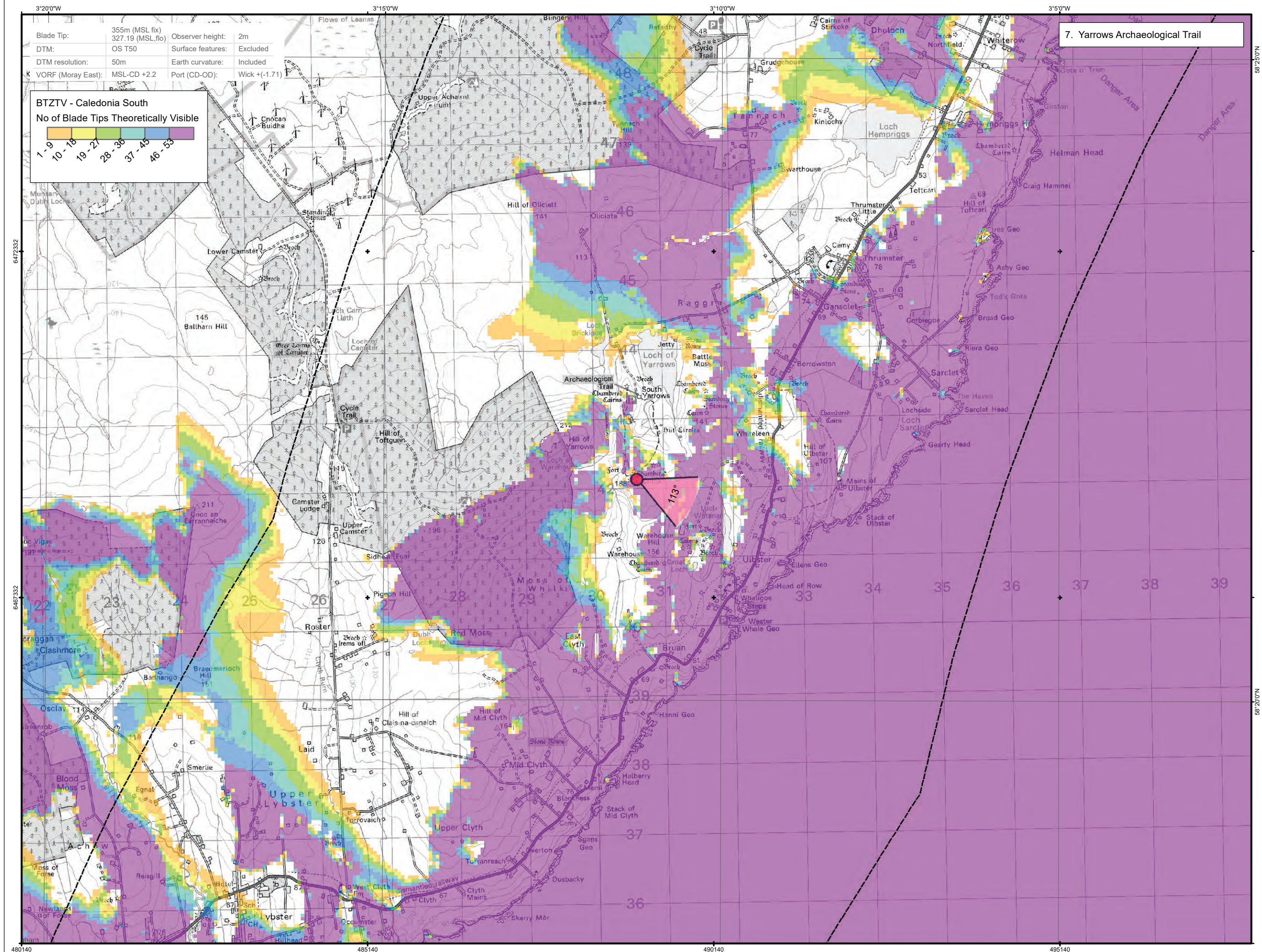
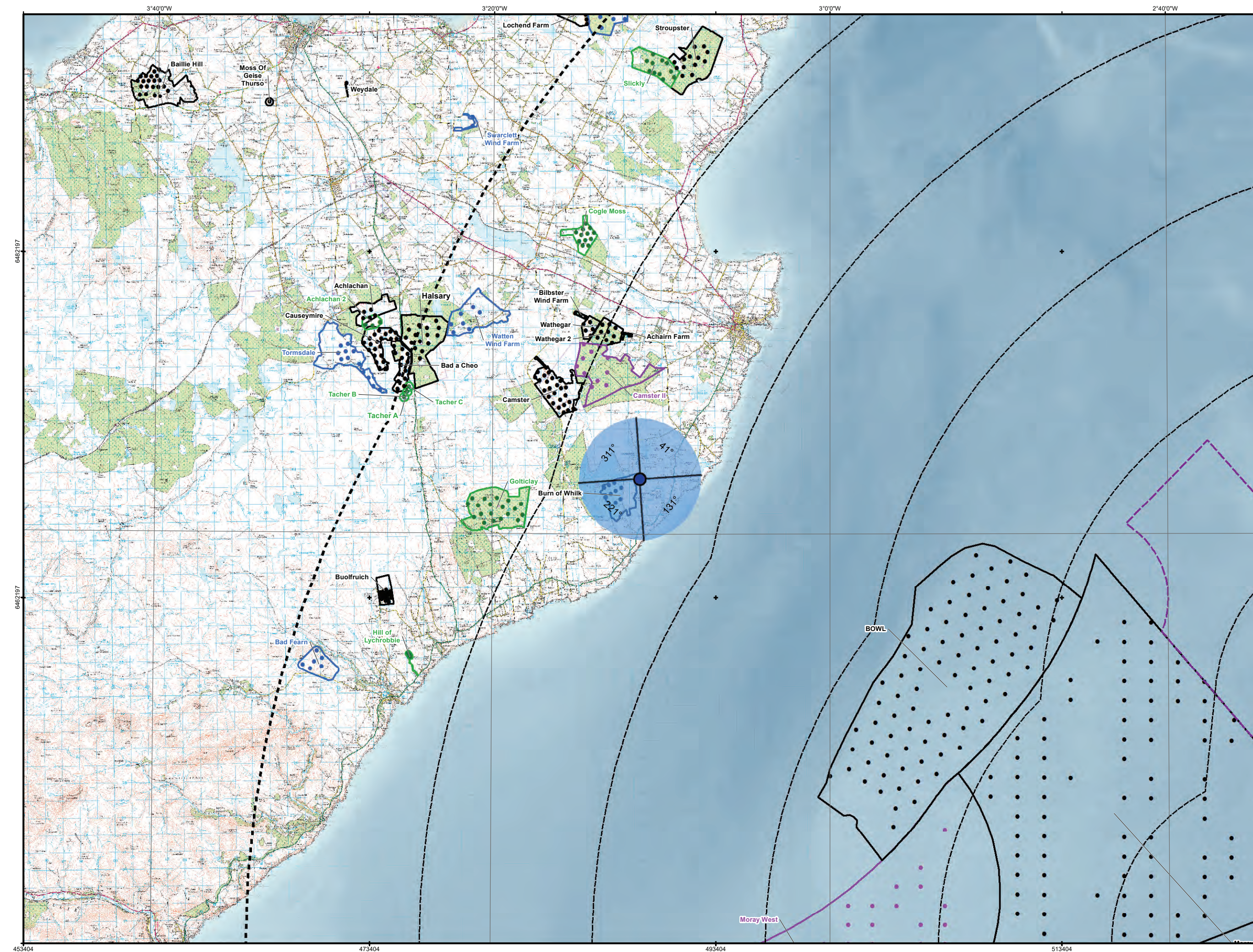
View flat at a comfortable arm's length

OS reference:	334987 E 943330 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II
Eye level:	40.9 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	115°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Nearest turbine:	41.95 km	Correct printed image size:	820 x 260 mm	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)  
Caledonia South









Baseline photograph

This image provides landscape and visual context only

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

West Hill, Flotta (51.9km)

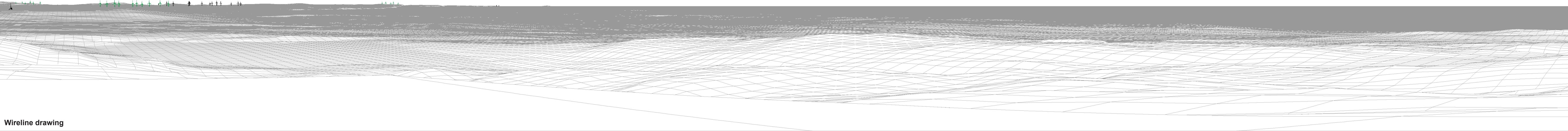
Hesta Head (48.3km)

Barnes of Ayre (67.9km)

Slickly (23.1km)

Stroupster (23.4km)

Achairn Farm (8.2km)



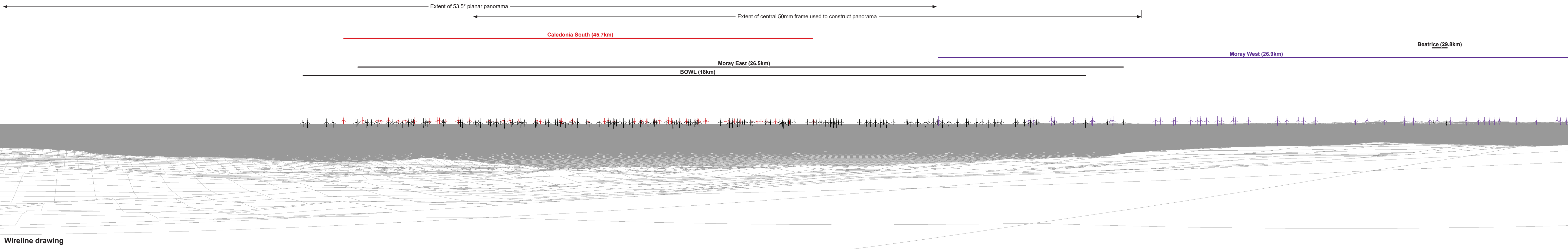
Wireline drawing





Baseline photograph

This image provides landscape and visual context only



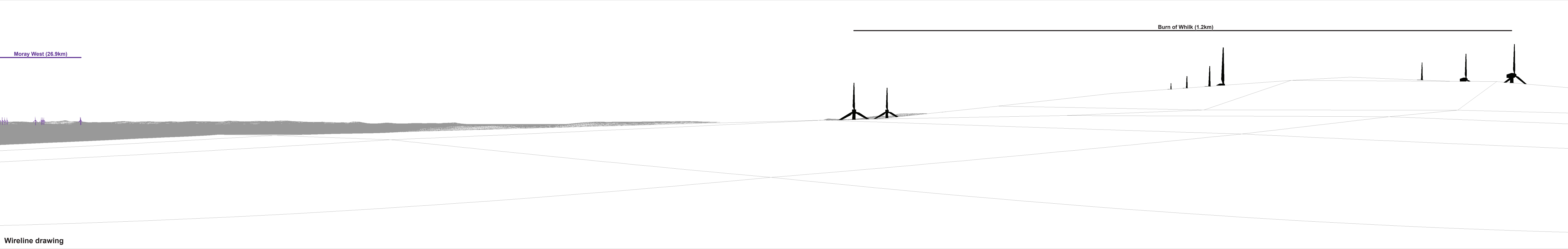
Wireline drawing





Baseline photograph

This image provides landscape and visual context only



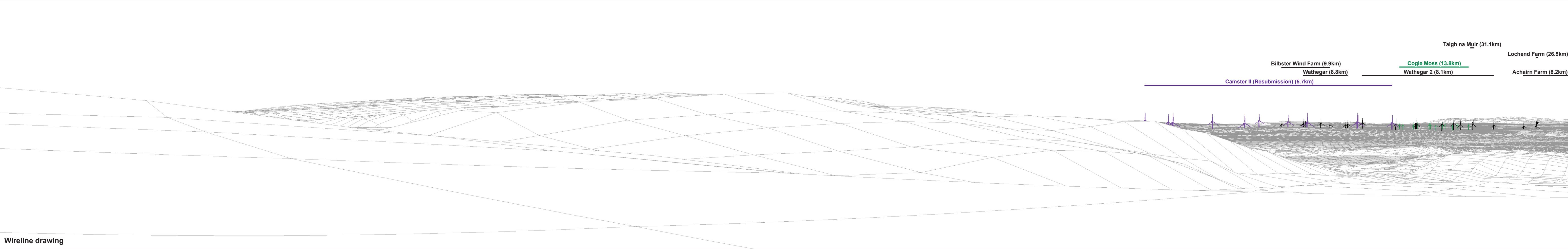
Wireline drawing





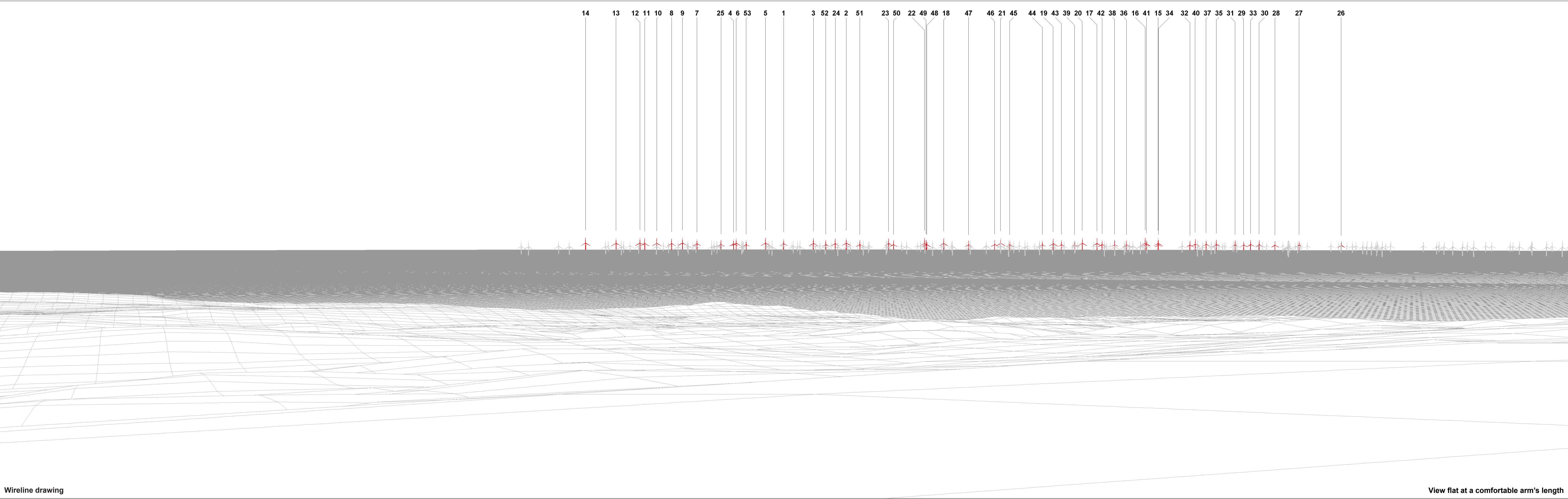
Baseline photograph

This image provides landscape and visual context only



Wireline drawing









OS reference:	330611 E 942133 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II
Eye level:	182.1 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	113°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Nearest turbine:	45.68 km	Correct printed image size:	820 x 260 mm	Date and time:	11.12.2023 13:02

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

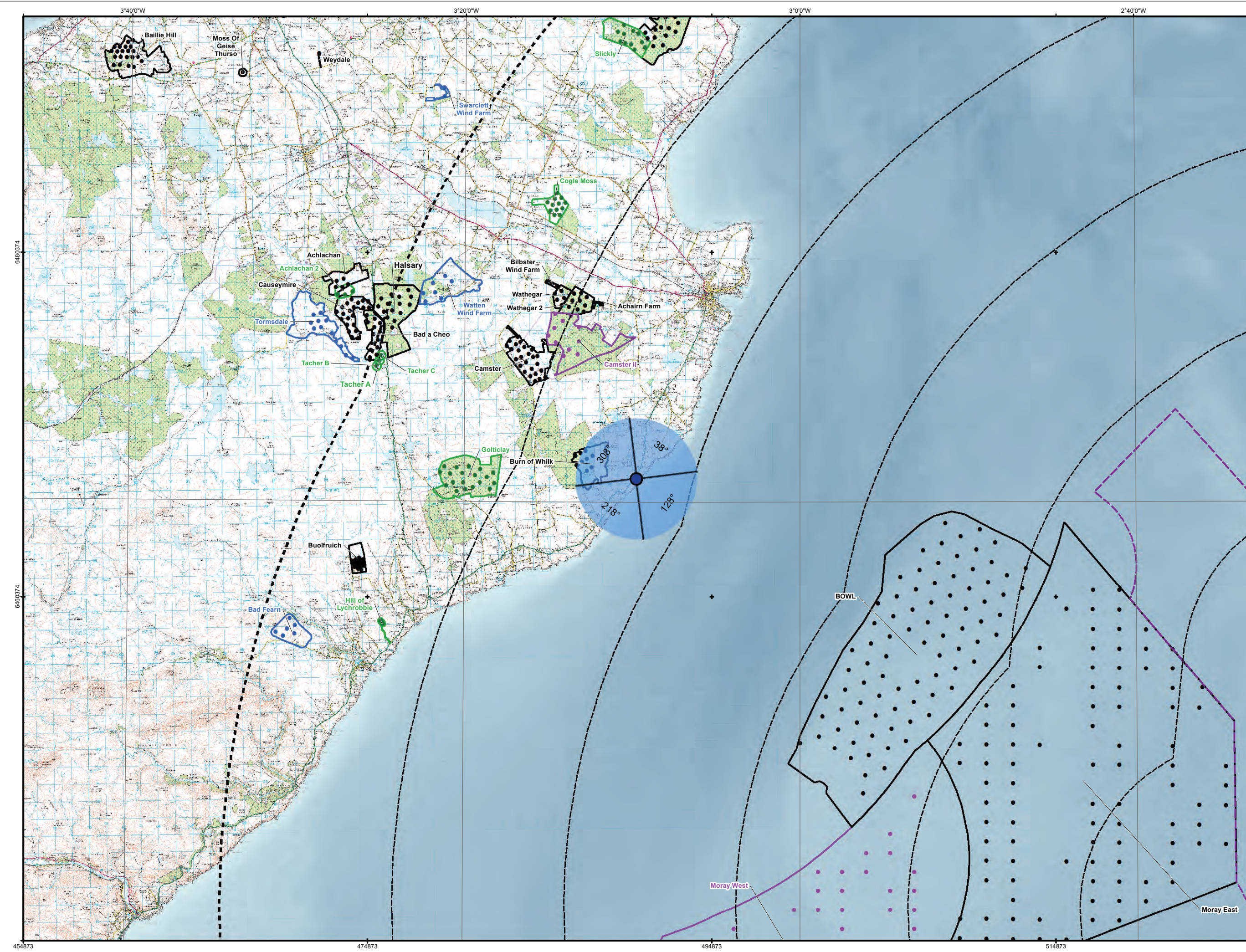




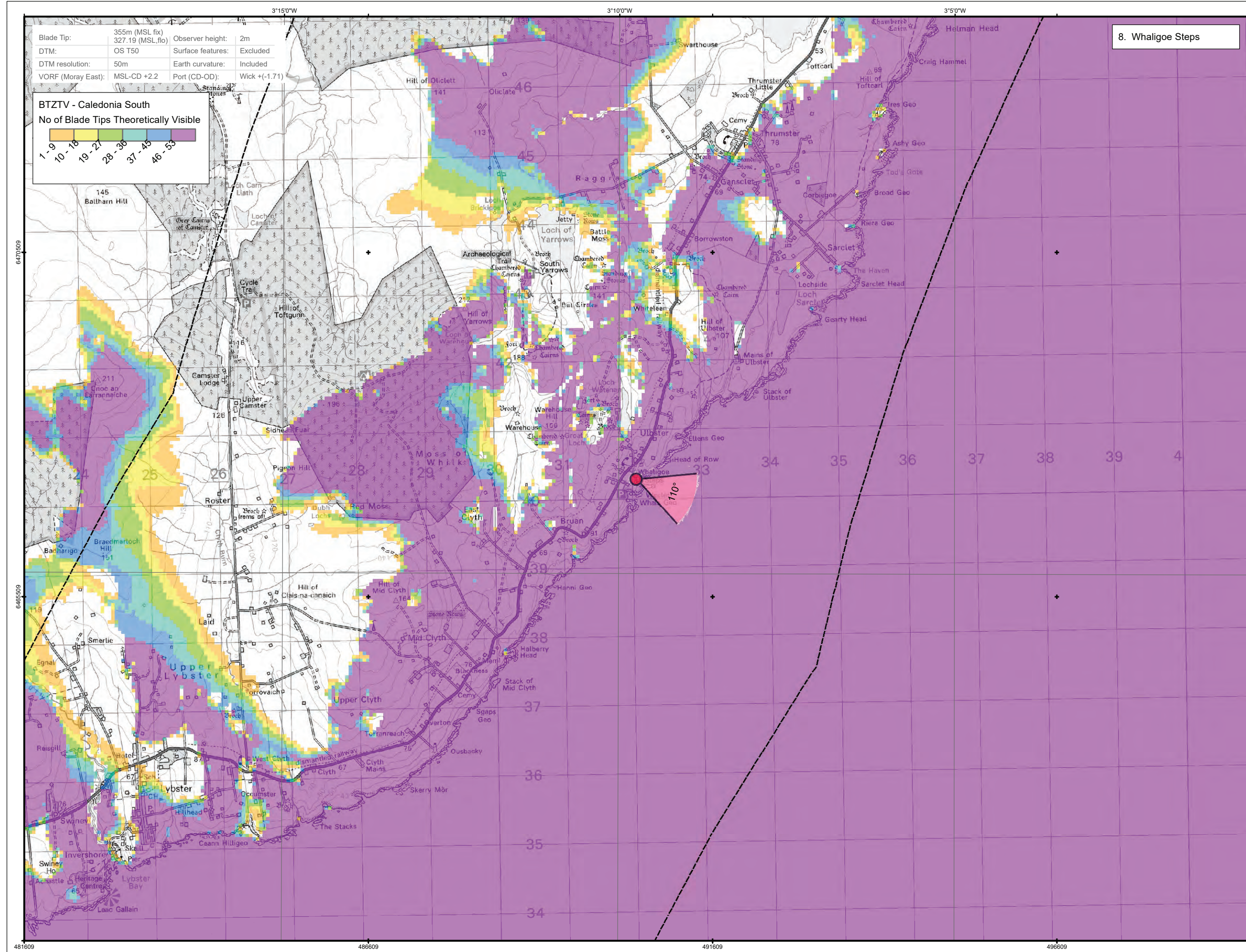
<b>OS reference:</b>	330611 E 942133 N	<b>Horizontal field of view:</b>	53.5° (planar projection)	<b>Camera:</b>	Canon EOS 5D Mark II
<b>Eye level:</b>	182.1 mAOD	<b>Principal distance:</b>	812.5 mm	<b>Lens:</b>	Canon EF 50mm f/1.4
<b>Direction of view:</b>	113°	<b>Paper size:</b>	841 x 297 mm (half A1)	<b>Camera height:</b>	1.5 m
<b>Nearest turbine:</b>	45.68 km	<b>Correct printed image size:</b>	820 x 260 mm	<b>Date and time:</b>	11.12.2023 13:02

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





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



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

90°Field of View

53.5°Field of View

Caledonia South Fixed/Floating

Fixed (24 x 25MW)

Floating (29 x 20MW)

OSP's

Caledonia South

Caledonia North

Offshore and Onshore Export Cable Corridor

10km Radii

60km Study Area

Cumulative Windfarms Status:

Operational

Under Construction

Consented

Appeal / Application

Operational

Under Construction

Consented

Appeal / Application

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0

2

4

6

8

10

0

0.5

1

1.5

2

km

km

03

26/09/2024

Approved

RH

LT

LT

02

10/07/2024

For Review

RH

LT

LT

01

10/05/2024

For Review

RH

LT

LT

REV

DATE

DOC STATUS

ORIGIN

REVIEW

APP

CALEDONIA

Offshore Wind Farm

open

optimised environments

PART OF

SLR

CONTRACTOR DRAWING NO

UKCAL1\_OPN\_WNF\_ENV\_SLV\_MAP\_00140

CONTRACTOR REV

03

GEODETIC PARAMETERS

WGS 1984 UTM Zone 30N (EPSG:32630)

DRAWING TITLE

Figure 12-8a - Viewpoint Plan  
8. Whalgie Steps

Caledonia South

STATUS

Approved

SCALE

1:200,000  
1:50,000

DRAWING NUMBER

N/A

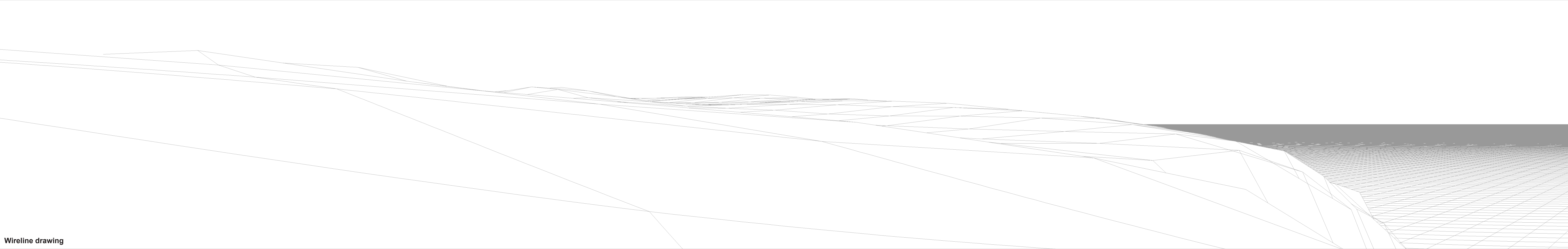
SHEET NO

08 of 22

REV

N/A

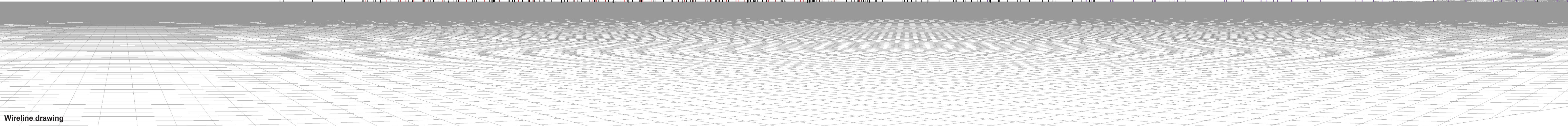
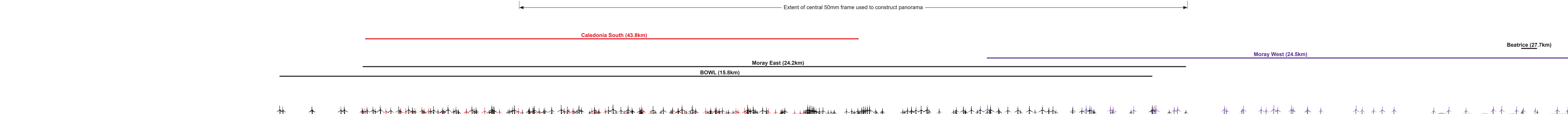








Baseline photograph This image provides landscape and visual context only



Wireline drawing

OS reference:	332053 E 940288 N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 5D Mark II	Figure: 12.8c
Eye level:	64.8 mAOD	Principal distance:	522 mm	Lens:	Canon EF 50mm f/1.4	Viewpoint 8: Whaligoe Steps
Direction of view:	128°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m	Caledonia South
Nearest turbine:	43.76 km	Correct printed image size:	820 x 130 mm	Date and time:	17.10.2023 14:16	





Baseline photograph

This image provides landscape and visual context only



Wireline drawing

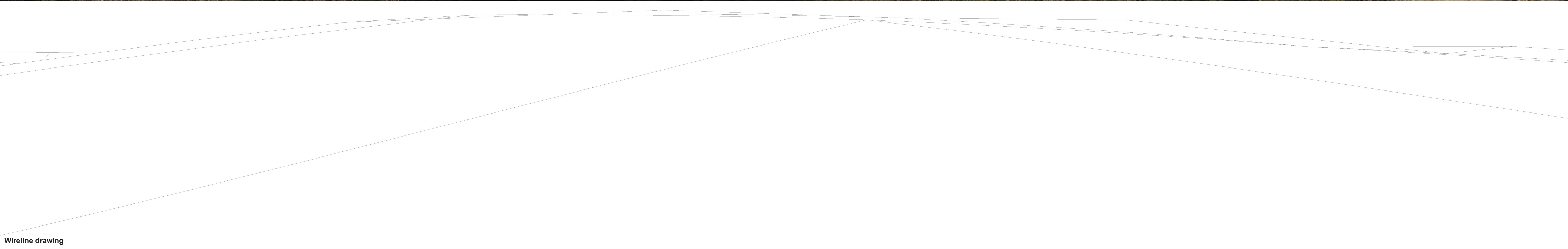
OS reference:	332053 E 940288 N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 5D Mark II	Figure: 12.8d
Eye level:	64.8 mAOD	Principal distance:	522 mm	Lens:	Canon EF 50mm f/1.4	Viewpoint 8: Whaligoe Steps
Direction of view:	218°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m	Caledonia South
Nearest turbine:	43.76 km	Correct printed image size:	820 x 130 mm	Date and time:	17.10.2023 14:16	





Baseline photograph

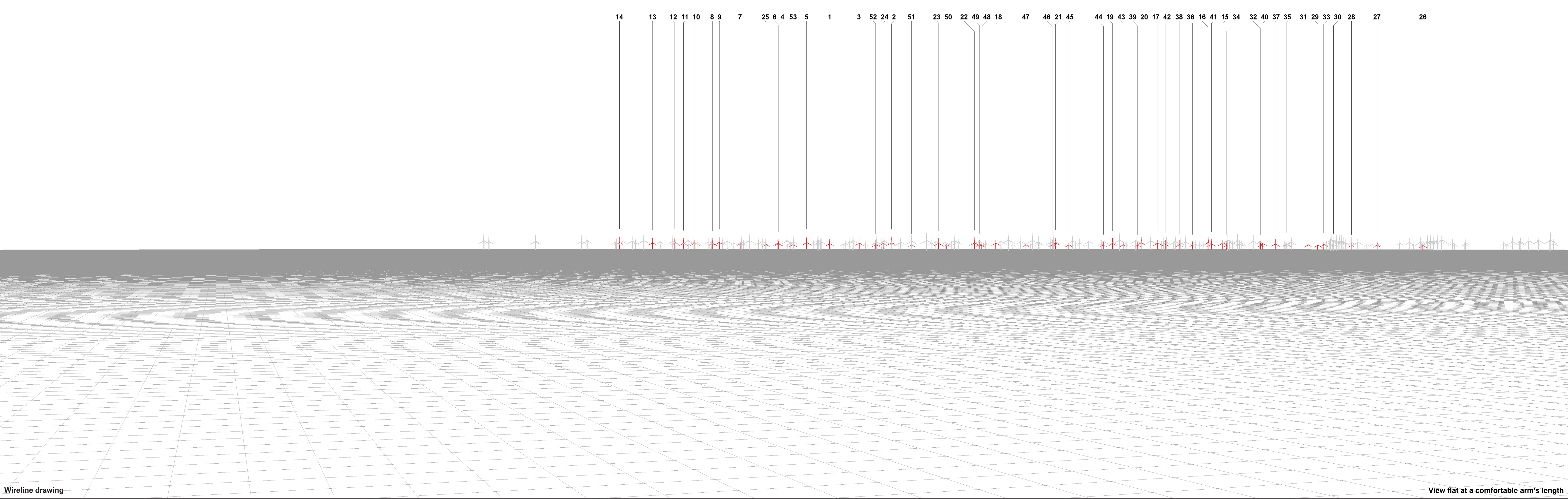
This image provides landscape and visual context only



Wireline drawing

<b>OS reference:</b>	332053 E 940288 N	<b>Horizontal field of view:</b>	90° (cylindrical projection)	<b>Camera:</b>	Canon EOS 5D Mark II	<b>Figure: 12.8e</b>
<b>Eye level:</b>	64.8 mAOD	<b>Principal distance:</b>	522 mm	<b>Lens:</b>	Canon EF 50mm f/1.4	<b>Viewpoint 8: Whaligoe Steps</b>
<b>Direction of view:</b>	308°	<b>Paper size:</b>	841 x 297 mm (half A1)	<b>Camera height:</b>	1.5 m	<b>Caledonia South</b>
<b>Nearest turbine:</b>	43.76 km	<b>Correct printed image size:</b>	820 x 130 mm	<b>Date and time:</b>	17.10.2023 14:16	





Wireline drawing

View flat at a comfortable arm's length

OS reference:	332053 E 940288 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II
Eye level:	64.8 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	110°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Nearest turbine:	43.76 km	Correct printed image size:	820 x 260 mm	Date and time:	17.10.2023 14:16

Figure: 12.8f  
Viewpoint 8: Whaligoe Steps  
Caledonia South





Baseline photograph.

View flat at a comfortable arm's length

OS reference:	332053 E 940288 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II
Eye level:	64.8 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	110°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Nearest turbine:	43.76 km	Correct printed image size:	820 x 260 mm	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 South





Photomontage: Proposed Development.

View flat at a comfortable arm's length

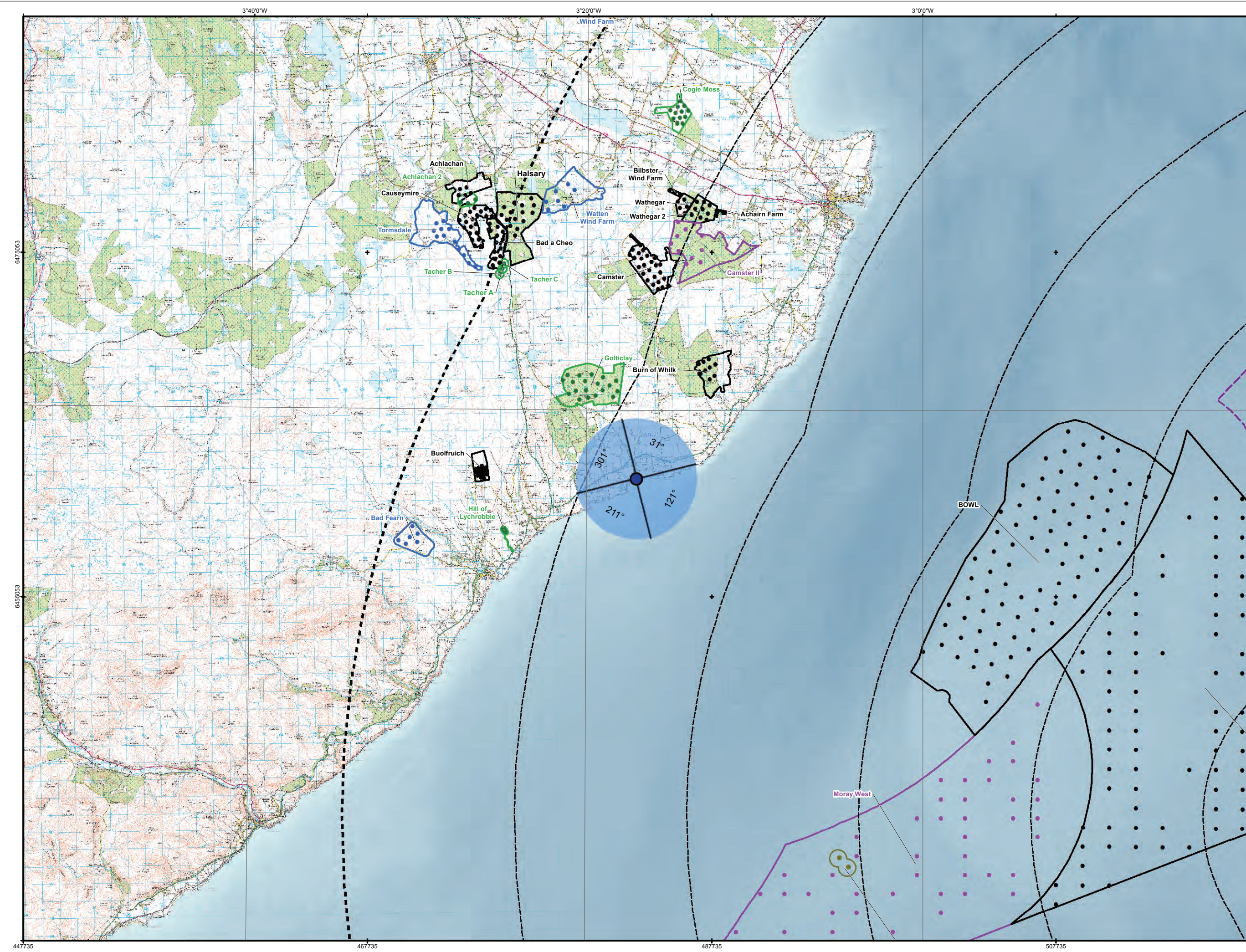
OS reference:	332053 E 940288 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II
Eye level:	64.8 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	110°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Nearest turbine:	43.76 km	Correct printed image size:	820 x 260 mm	Date and time:	17.10.2023 14:16

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

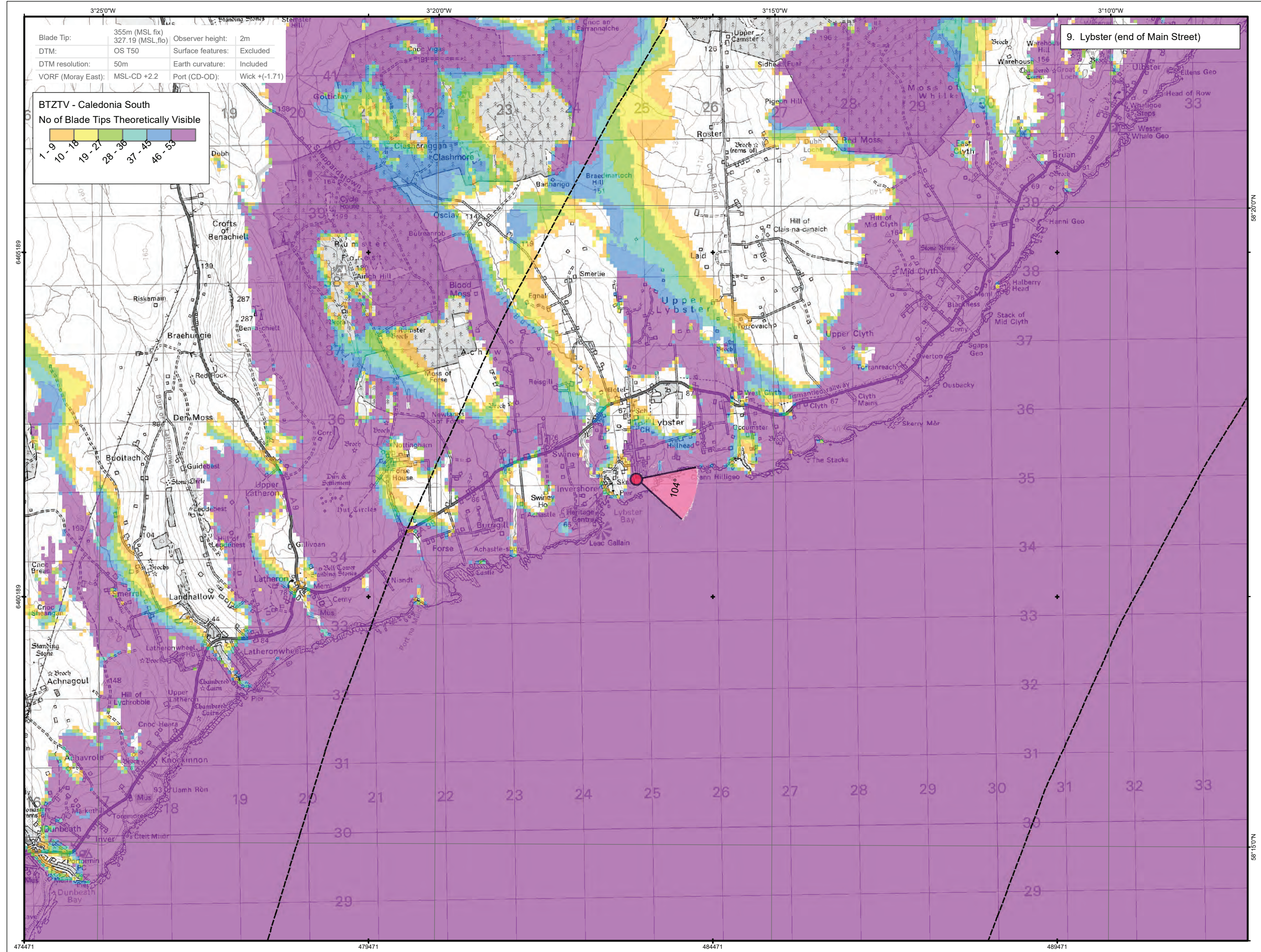
Figure: 12.8h  
Viewpoint 8: Whaligoe Steps  
Caledonia South

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



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

90°Field of View

53.5°Field of View

Caledonia South  
Fixed/Floating

Fixed (24 x 25MW)

Floating (29 x 20MW)

OSP's

Caledonia South

Caledonia North

Offshore and Onshore Export Cable Corridor

10km Radii

60km Study Area

Cumulative Windfarms Status:

Operational

Under Construction

Consented

Appeal / Application

Inactive / Decommissioned

Operational

Under Construction

Consented

Appeal / Application

Inactive / Decommissioned

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East Cumbria  
Cliffs Marine  
Protected Area

0 2 4 6 8 10 km

0 0.5 1 1.5 2 km

03	26/09/2024	Approved	RH	LT	LT
02	10/07/2024	For Review	RH	LT	LT
01	10/05/2024	For Review	RH	LT	LT
REV	DATE	DOC STATUS	ORIGIN	REVIEW	APP

CALEDONIA

open

PART OF SLR

CONTRACTOR DRAWING NO  
UKCAL1\_OPN\_WNF\_ENV\_SLV\_MAP\_00141

CONTRACTOR REV  
03

GEODETIC PARAMETERS  
WGS 1984 UTM Zone 30N (EPSG:32630)

DRAWING TITLE  
Figure 12-9a - Viewpoint Plan  
9. Lybster (end of Main Street)

Caledonia South

STATUS  
Approved

DRAWING NUMBER  
N/A

SCALE  
1:200,000  
1:50,000

SHEET NO  
09 of 22

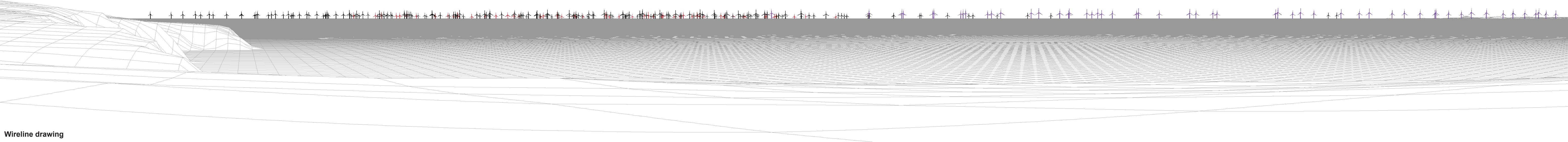
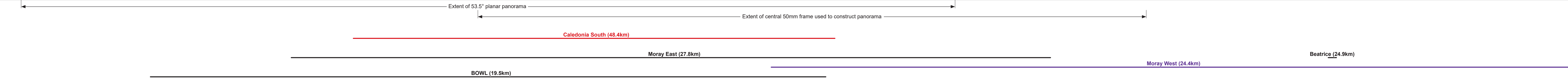
REV  
N/A





Baseline photograph

This image provides landscape and visual context only



Wireline drawing

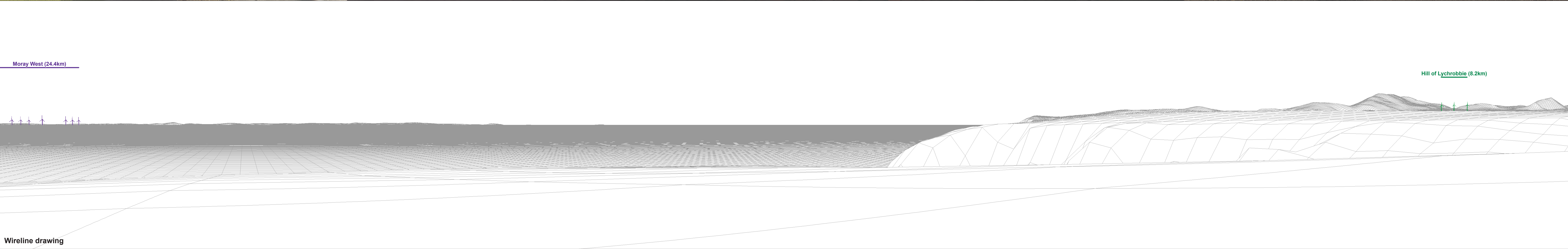
OS reference:	324836 E 935074 N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 5D Mark II	Figure: 12.9b
Eye level:	57.7 mAOD	Principal distance:	522 mm	Lens:	Canon EF 50mm f/1.4	Viewpoint 9: Lybster (end of Main Street)
Direction of view:	121°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m	Caledonia South
Nearest turbine:	48.40 km	Correct printed image size:	820 x 130 mm	Date and time:	16.10.2023 12:08	© Crown copyright, All rights reserved (2023). Licence number 0100031673





Baseline photograph

This image provides landscape and visual context only



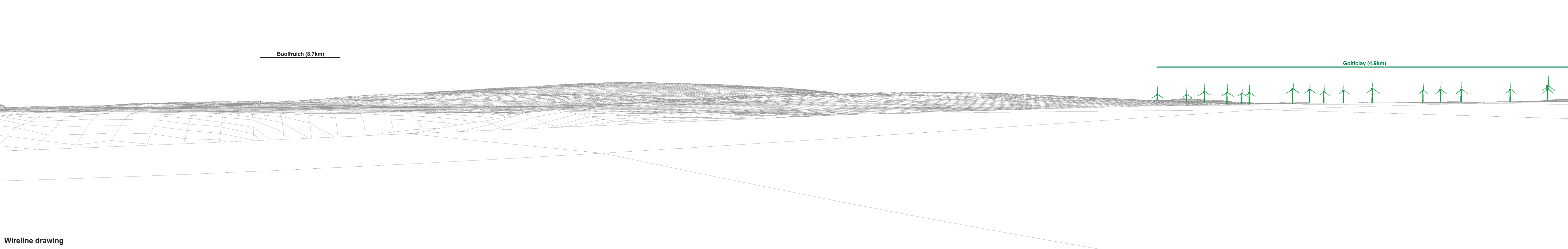
Wireline drawing





Baseline photograph

This image provides landscape and visual context only



Wireline drawing





Baseline photograph

This image provides landscape and visual context only

Golticlay (4.9km)



Burn of Whilk (7.2km)

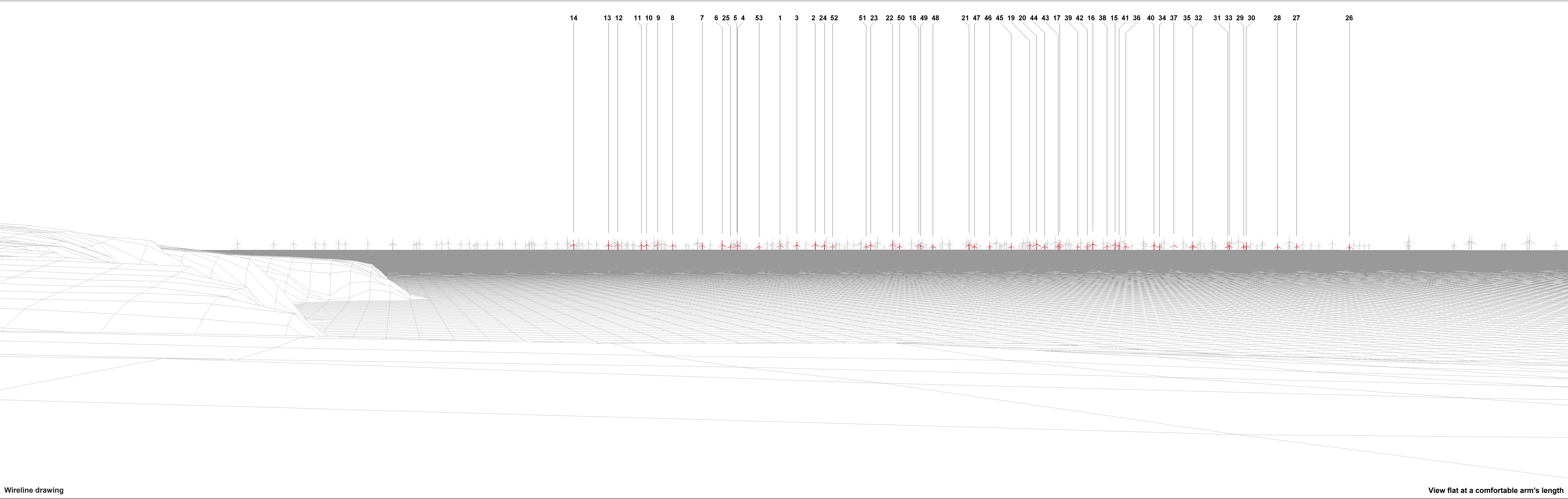


Wireline drawing

OS reference:	324836 E 935074 N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 5D Mark II
Eye level:	57.7 mAOD	Principal distance:	522 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	31°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Nearest turbine:	48.40 km	Correct printed image size:	820 x 130 mm	Date and time:	16.10.2023 12:08

Figure: 12.9e  
Viewpoint 9: Lybster (end of Main Street)  
Caledonia South  
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Baseline photograph.

View flat at a comfortable arm's length

OS reference:	324836 E 935074 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II
Eye level:	57.7 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	104°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Nearest turbine:	48.40 km	Correct printed image size:	820 x 260 mm	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)  
Caledonia South





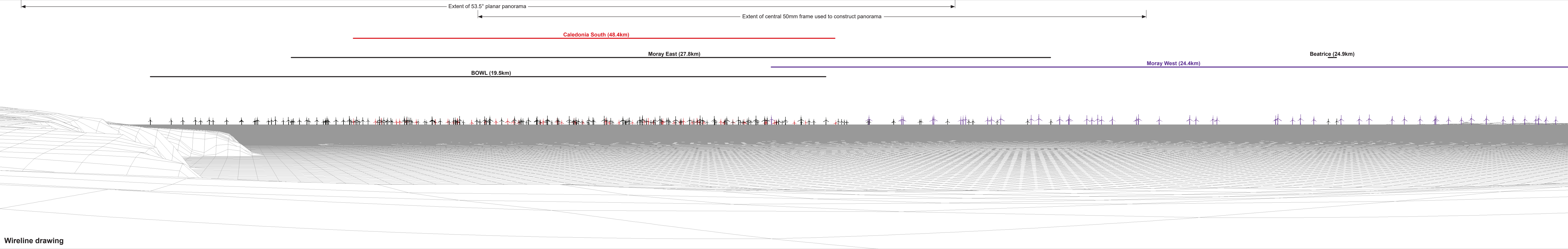
Photomontage: Proposed Development.

View flat at a comfortable arm's length

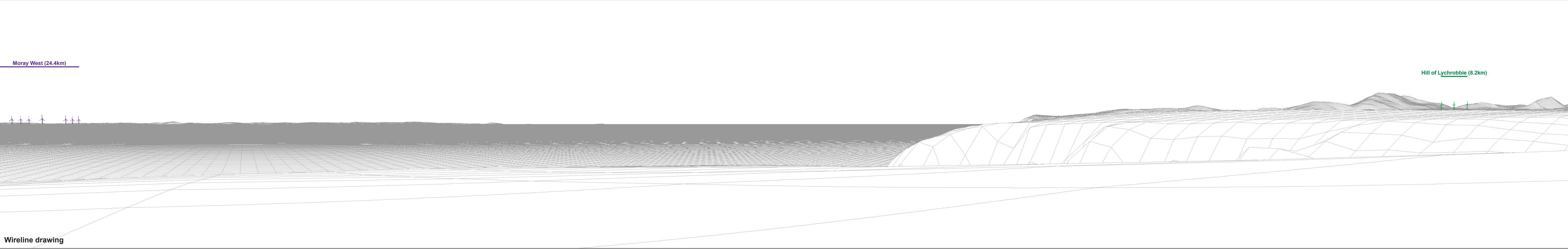
<b>OS reference:</b>	324836 E 935074 N	<b>Horizontal field of view:</b>	53.5° (planar projection)	<b>Camera:</b>	Canon EOS 5D Mark II	<b>Operational and Under Construction offshore wind farms have been photomontaged in this view.</b>	<b>Figure: 12.9h</b> <b>Viewpoint 9: Lybster (end of Main Street)</b> <b>Caledonia South</b>
<b>Eye level:</b>	57.7 mAOD	<b>Principal distance:</b>	812.5 mm	<b>Lens:</b>	Canon EF 50mm f/1.4		
<b>Direction of view:</b>	104°	<b>Paper size:</b>	841 x 297 mm (half A1)	<b>Camera height:</b>	1.5 m		
<b>Nearest turbine:</b>	48.40 km	<b>Correct printed image size:</b>	820 x 260 mm	<b>Date and time:</b>	16.10.2023 12:08		

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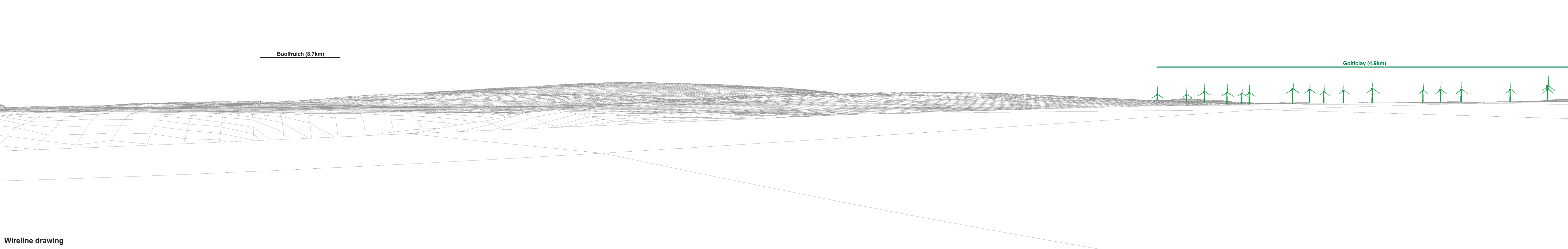






Baseline photograph

This image provides landscape and visual context only



Wireline drawing





Baseline photograph

This image provides landscape and visual context only

Golticlay (4.9km)



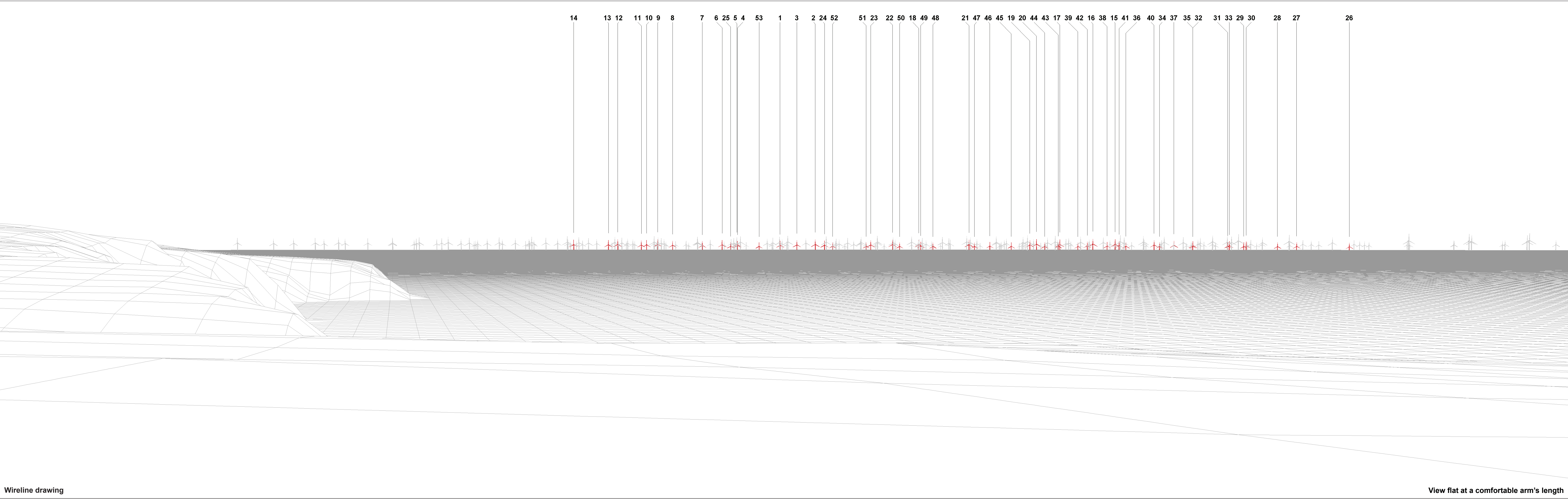
Burn of Whilk (7.2km)



Wireline drawing

<b>OS reference:</b>	324836 E 935074 N	<b>Horizontal field of view:</b>	90° (cylindrical projection)	<b>Camera:</b>	Canon EOS 5D Mark II	<b>Figure: 12.9I</b>
<b>Eye level:</b>	57.7 mAOD	<b>Principal distance:</b>	522 mm	<b>Lens:</b>	Canon EF 50mm f/1.4	<b>Viewpoint 9: Lybster (end of Main Street)</b>
<b>Direction of view:</b>	31°	<b>Paper size:</b>	841 x 297 mm (half A1)	<b>Camera height:</b>	1.5 m	<b>Caledonia South</b>
<b>Nearest turbine:</b>	48.40 km	<b>Correct printed image size:</b>	820 x 130 mm	<b>Date and time:</b>	17.10.2023 19:00	<small>© Crown copyright. All rights reserved (2023). Licence number 0100031673</small>





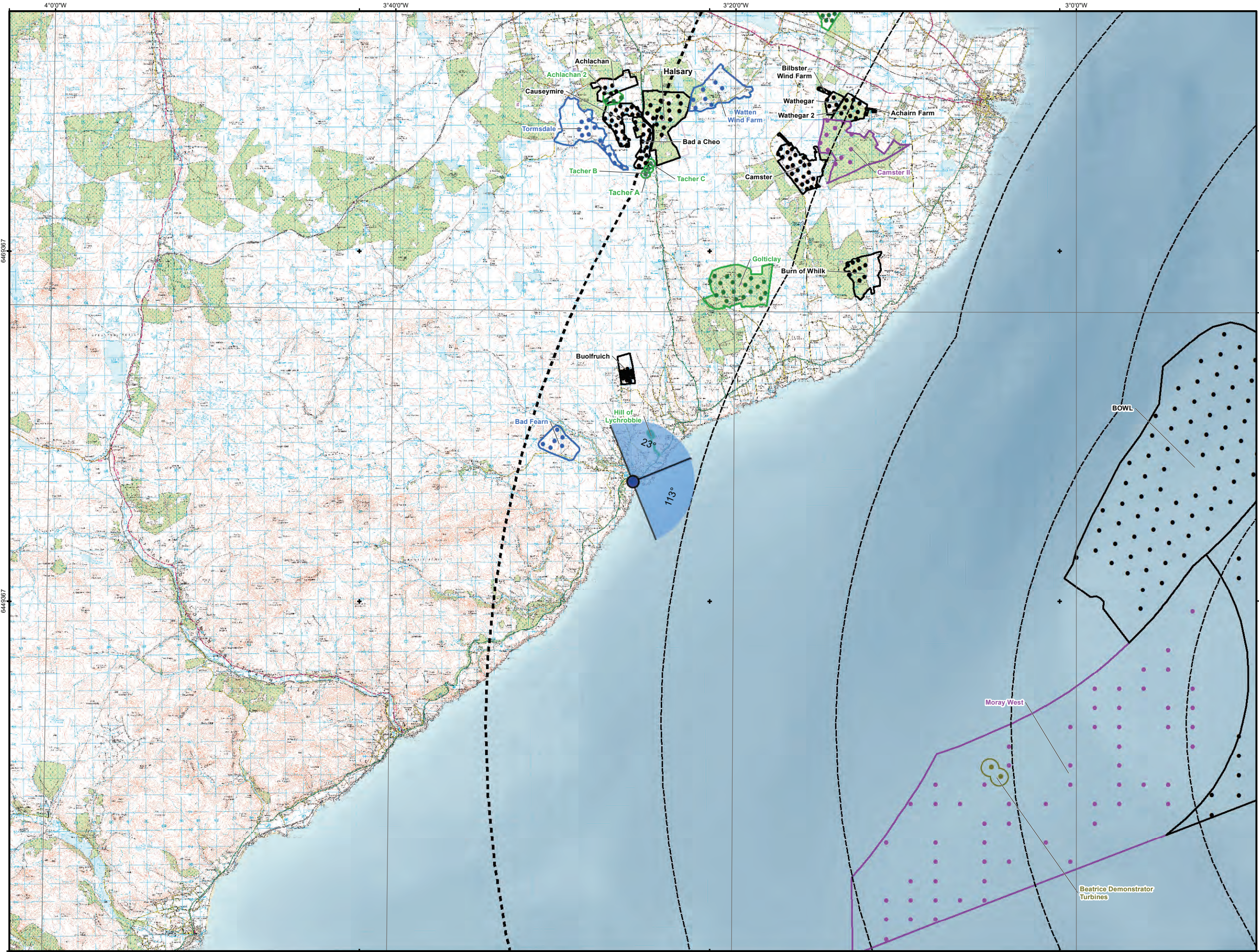




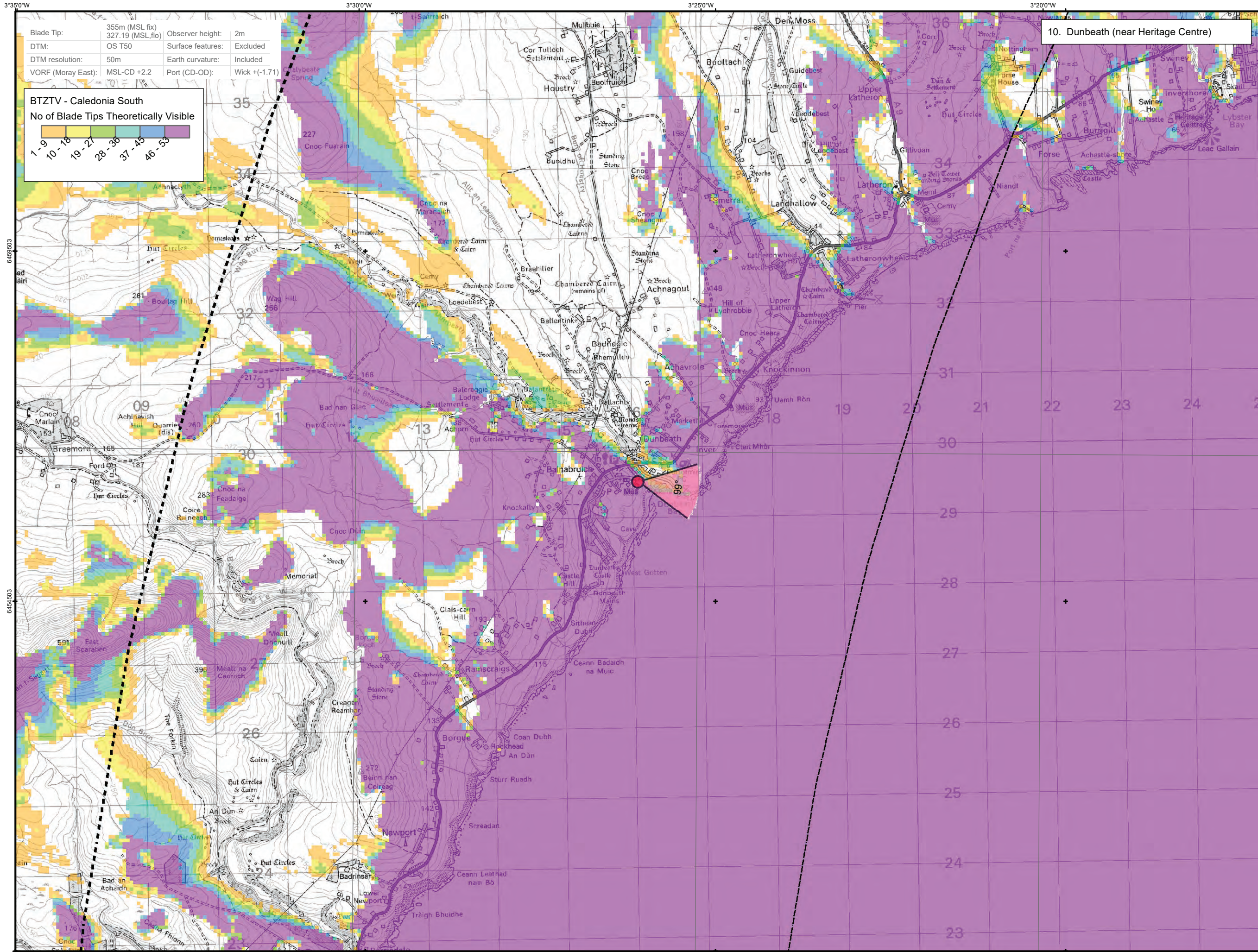








Viewpoint Location Plan Baseline Panorama (90° View)  
Scale: 1:200,000



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

90°Field of View

53.5°Field of View

Caledonia South Fixed/Floating

Fixed (24 x 25MW)

Floating (29 x 20MW)

OSP

Caledonia South

Caledonia North

Offshore and Onshore Export Cable Corridor

10km Radii

60km Study Area

Cumulative Windfarms Status:

Operational

Under Construction

Consented

Appeal / Application

Inactive / Decommissioned

Operational

Under Construction

Consented

Appeal / Application

Inactive / Decommissioned

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East Cullin Hills Marine Protected Area

0 2 4 6 8 10 km

0 0.5 1 1.5 2 km

03 26/09/2024 Approved RH LT LT

02 10/07/2024 For Review RH LT LT

01 10/05/2024 For Review RH LT LT

REV DATE DOC STATUS ORIGIN REVIEW APP

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PART OF SLR

CONTRACTOR DRAWING NO  
UKCAL1\_OPN\_WNF\_ENV\_SLV\_MAP\_00142\_03

CONTRACTOR REV

GEOIDETIC PARAMETERS  
WGS 1984 UTM Zone 30N (EPSG:32630)

DRAWING TITLE  
Figure 12-10a - Viewpoint Plan  
10. Dunbeath (near Heritage Centre)

Caledonia South

STATUS  
Approved

DRAWING NUMBER  
N/A

SCALE  
1:200,000  
1:50,000

SHEET NO  
10 of 22

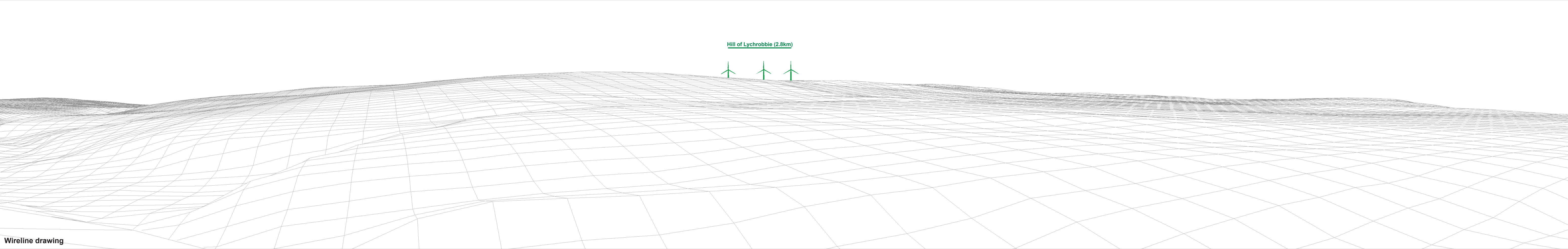
REV  
N/A





Baseline photograph

This image provides landscape and visual context only



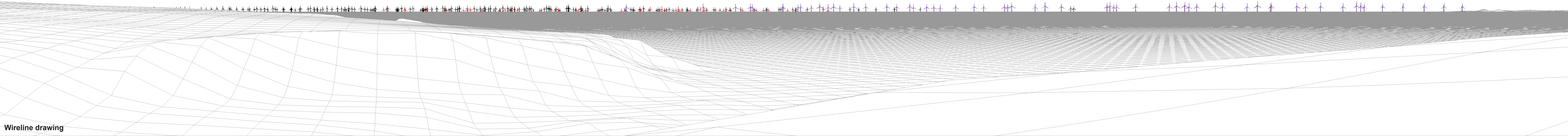
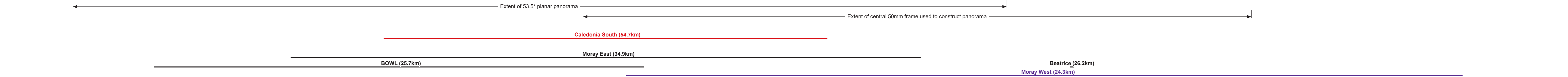
Wireline drawing





Baseline photograph

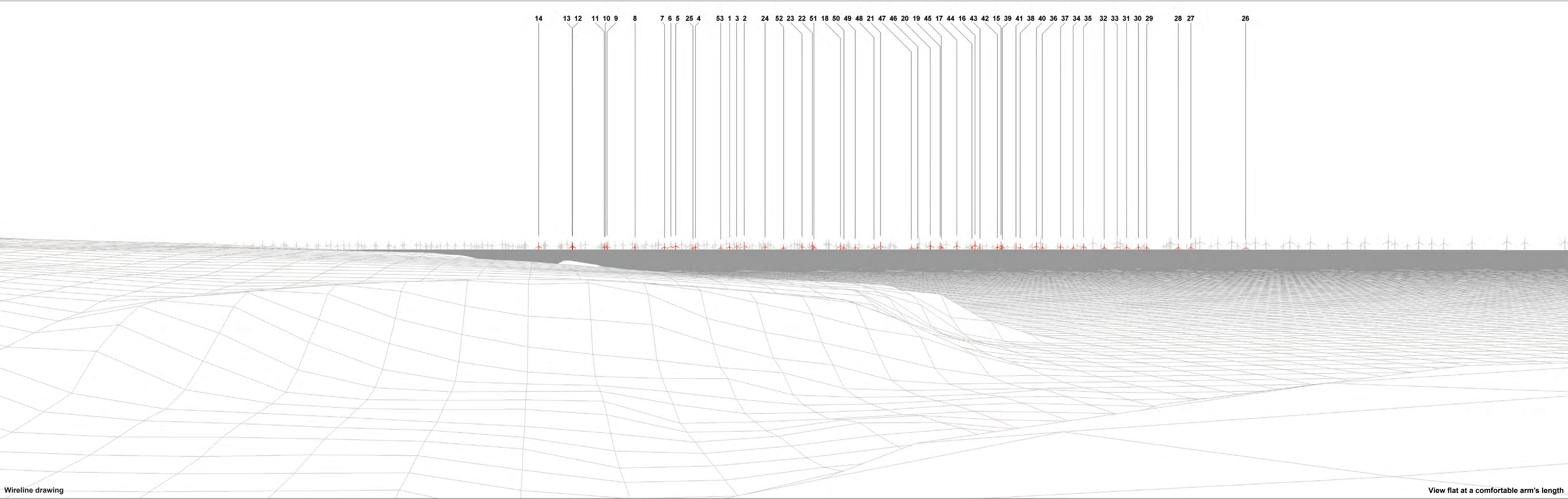
This image provides landscape and visual context only



Wireline drawing

OS reference:	316071 E 929517 N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 5D Mark II	Figure: 12.10c
Eye level:	47.1 mAOD	Principal distance:	522 mm	Lens:	Canon EF 50mm f/1.4	Viewpoint 10: Dunbeath (near Heritage Centre)
Direction of view:	113°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m	Caledonia South
Nearest turbine:	54.67 km	Correct printed image size:	820 x 130 mm	Date and time:	16.10.2023 10:00	© Crown copyright, All rights reserved (2023). Licence number 0100031673









Baseline photograph.

View flat at a comfortable arm's length

OS reference:	316071 E 929517 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II
Eye level:	47.1 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	99°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Nearest turbine:	54.67 km	Correct printed image size:	820 x 260 mm	Date and time:	16.10.2023 10:00

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

Figure: 12.10e  
Viewpoint 10: Dunbeath (near Heritage Centre)  
Caledonia South





Photomontage: Proposed Development.

View flat at a comfortable arm's length

OS reference:	316071 E 929517 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II
Eye level:	47.1 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	99°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Nearest turbine:	54.67 km	Correct printed image size:	820 x 260 mm	Date and time:	16.10.2023 10:00

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

Figure: 12.10f  
Viewpoint 10: Dunbeath (near Heritage Centre)  
Caledonia South





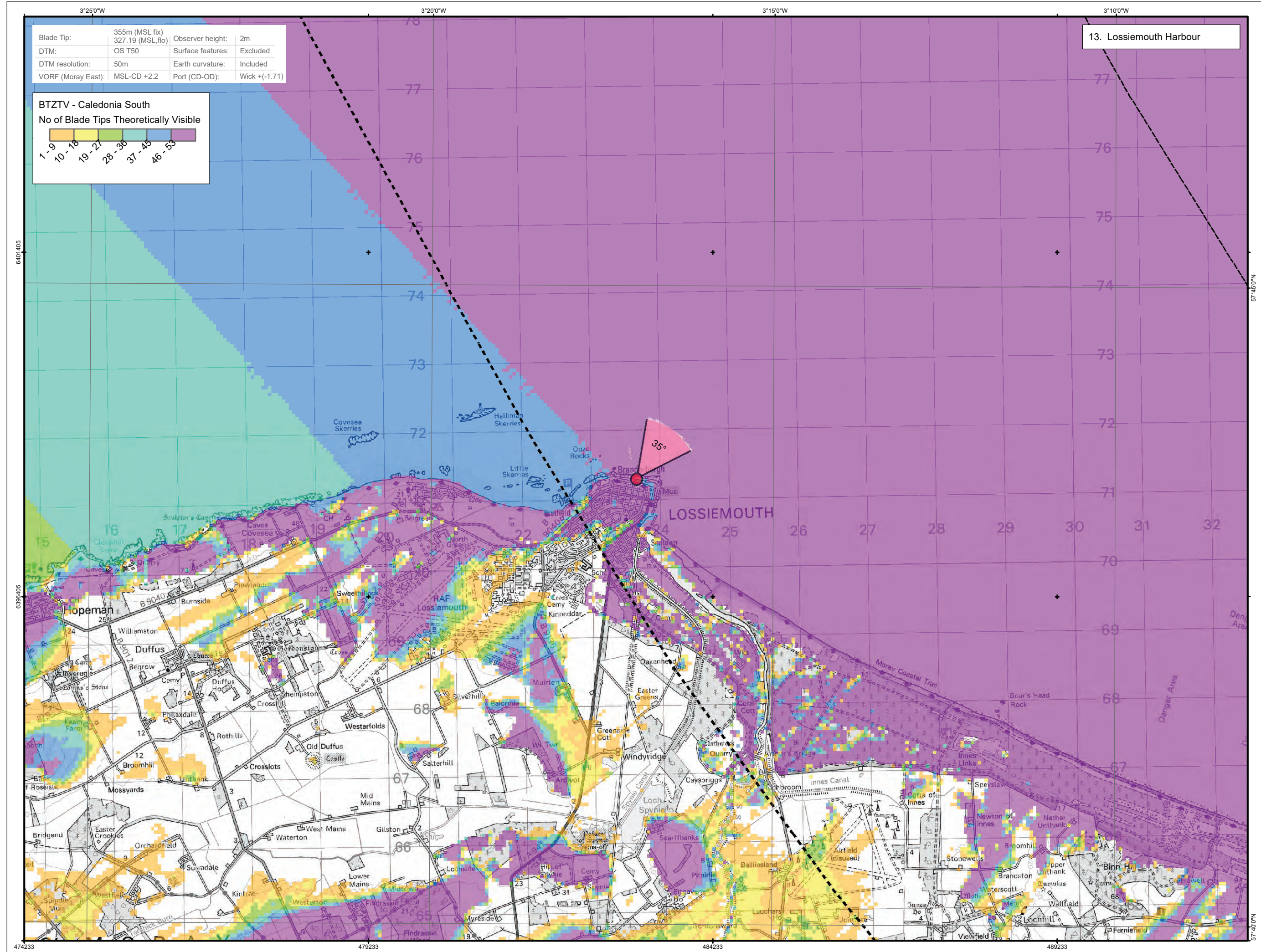








Viewpoint Location Plan Baseline Panorama (90° View)  
Scale: 1:200,000



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

90°Field of View

53.5°Field of View

Caledonia South Fixed/Floating

Floating (29 x 20MW)

OSP

Caledonia South

Caledonia North

Offshore and Onshore Export Cable Corridor

10km Radii

60km Study Area

Cumulative Windfarms Status:

Operational

Consented

Operational

Consented

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Lossiemouth

0 2 4 6 8 10

0 0.5 1 1.5 2

km

km

03	26/09/2024	Approved	RH	LT	LT
02	10/07/2024	For Review	RH	LT	LT
01	10/05/2024	For Review	RH	LT	LT
REV	DATE	DOC STATUS	ORIGIN	REVIEW	APP

CALEDONIA

Offshore Wind Farm

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PART OF

SLR

CONTRACTOR DRAWING NO  
UKCAL1\_OPN\_WNF\_ENV\_SLV\_MAP\_00145\_03

CONTRACTOR REV

GEODETIC PARAMETERS  
WGS 1984 UTM Zone 30N (EPSG:32630)

DRAWING TITLE  
Figure 12-13a - Viewpoint Plan  
13. Lossiemouth Harbour

Caledonia South

STATUS  
Approved

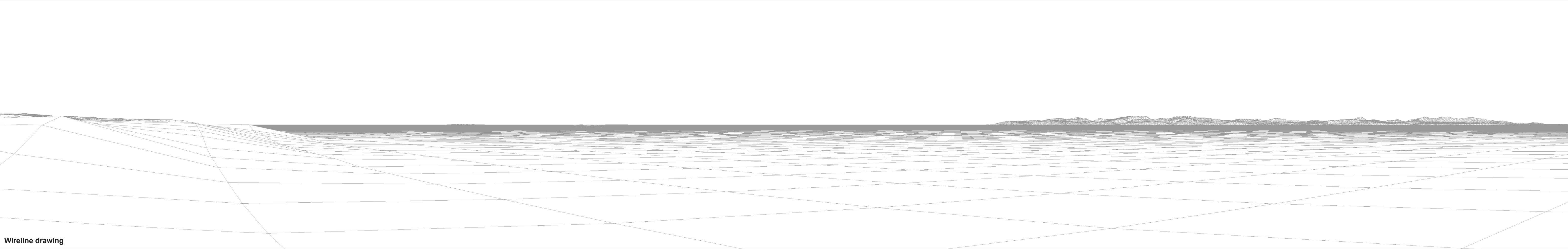
DRAWING NUMBER  
N/A

SCALE  
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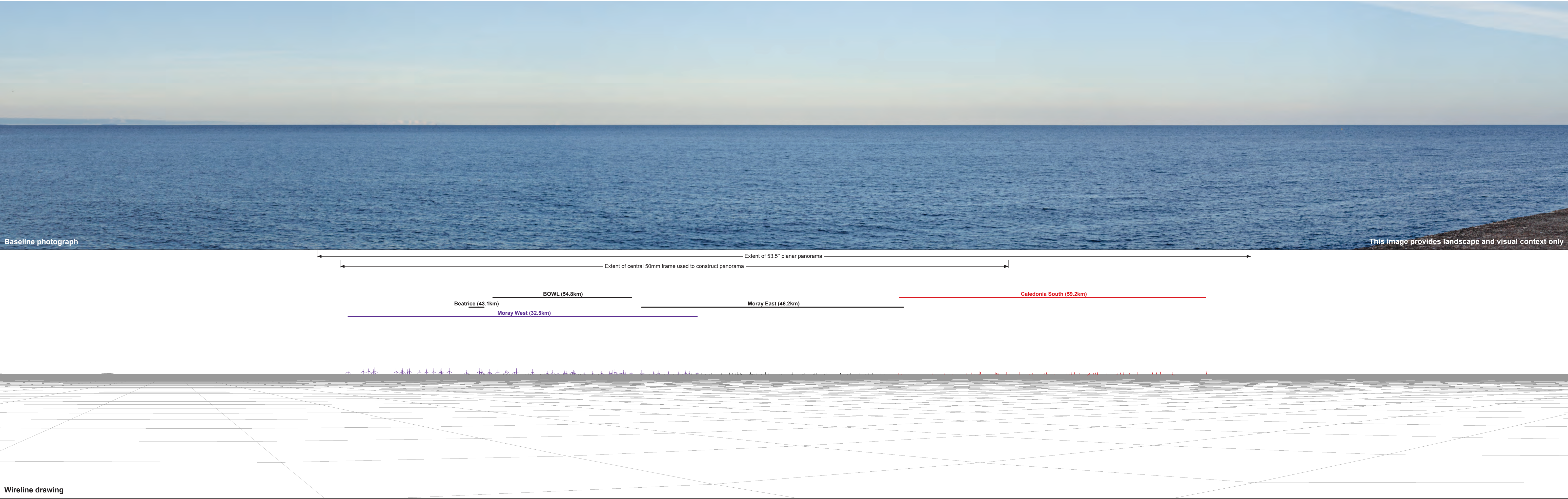
SHEET NO  
13 of 22

REV  
N/A







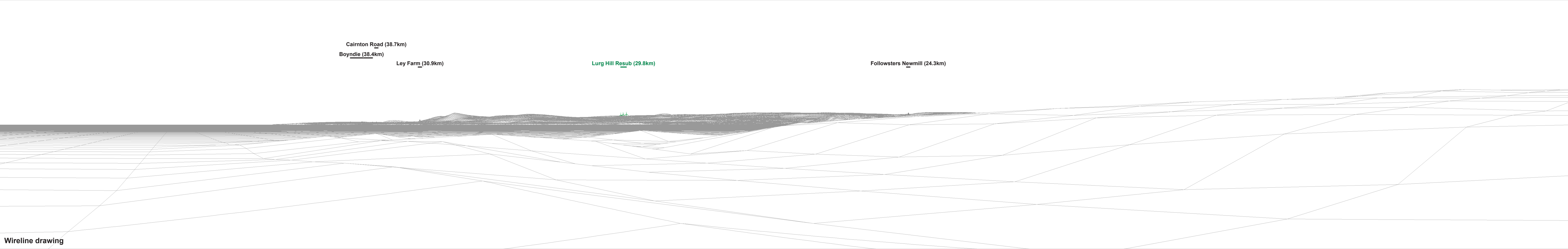






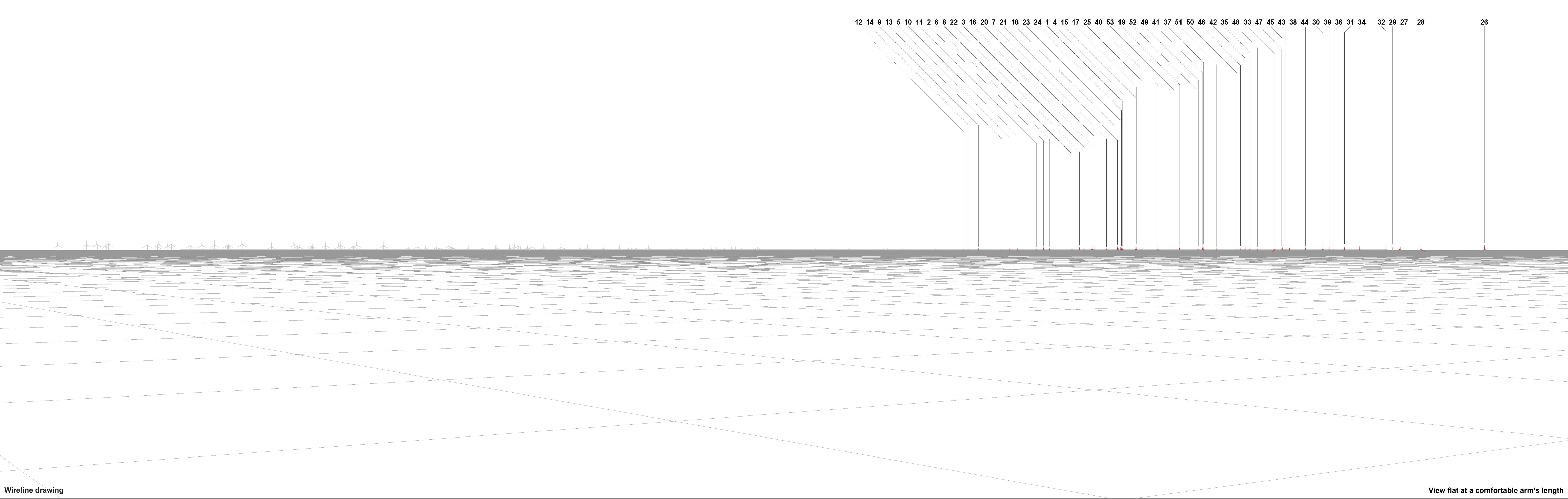
Baseline photograph

This image provides landscape and visual context only



Wireline drawing





Wireline drawing

View flat at a comfortable arm's length

<b>OS reference:</b>	323653 E 871295 N	<b>Horizontal field of view:</b>	53.5° (planar projection)	<b>Camera:</b>	Canon EOS 5D Mark II
<b>Eye level:</b>	5.8 mAOD	<b>Principal distance:</b>	812.5 mm	<b>Lens:</b>	Canon EF 50mm f/1.4
<b>Direction of view:</b>	35°	<b>Paper size:</b>	841 x 297 mm (half A1)	<b>Camera height:</b>	1.5 m
<b>Nearest turbine:</b>	59.24 km	<b>Correct printed image size:</b>	820 x 260 mm	<b>Date and time:</b>	17.10.2023 17:14

**Figure: 12.13e**  
**Viewpoint 13: Lossiemouth Harbour**  
**Caledonia South**

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Baseline photograph.

View flat at a comfortable arm's length

<b>OS reference:</b>	323653 E 871295 N	<b>Horizontal field of view:</b>	53.5° (planar projection)	<b>Camera:</b>	Canon EOS 5D Mark II
<b>Eye level:</b>	5.8 mAOD	<b>Principal distance:</b>	812.5 mm	<b>Lens:</b>	Canon EF 50mm f/1.4
<b>Direction of view:</b>	35°	<b>Paper size:</b>	841 x 297 mm (half A1)	<b>Camera height:</b>	1.5 m
<b>Nearest turbine:</b>	59.24 km	<b>Correct printed image size:</b>	820 x 260 mm	<b>Date and time:</b>	17.10.2023 17:14

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

**Figure: 12.13f**  
Viewpoint 13: Lossiemouth Harbour  
Caledonia South





Photomontage: Proposed Development.

View flat at a comfortable arm's length

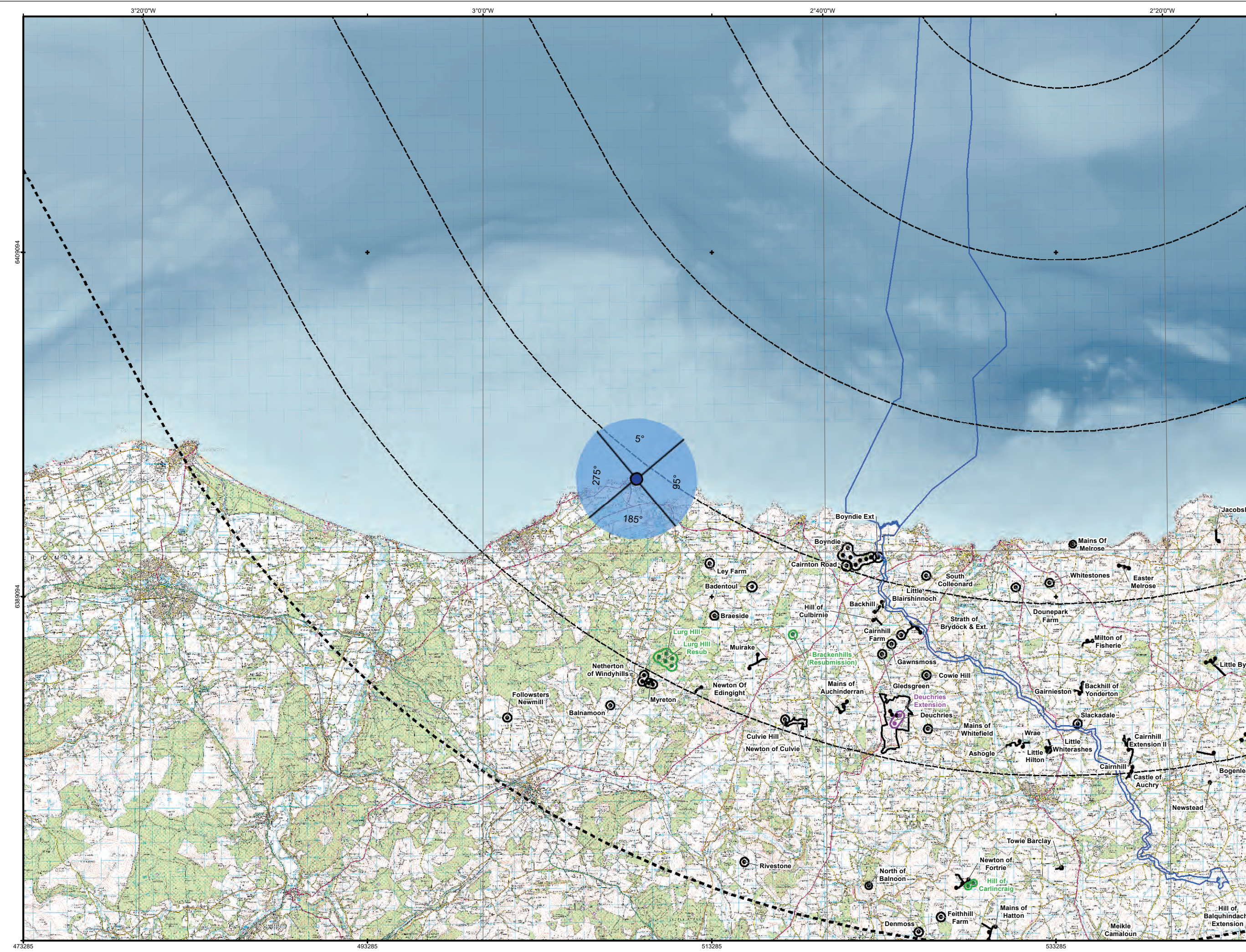
<b>OS reference:</b>	323653 E 871295 N	<b>Horizontal field of view:</b>	53.5° (planar projection)	<b>Camera:</b>	Canon EOS 5D Mark II
<b>Eye level:</b>	5.8 mAOD	<b>Principal distance:</b>	812.5 mm	<b>Lens:</b>	Canon EF 50mm f/1.4
<b>Direction of view:</b>	35°	<b>Paper size:</b>	841 x 297 mm (half A1)	<b>Camera height:</b>	1.5 m
<b>Nearest turbine:</b>	59.24 km	<b>Correct printed image size:</b>	820 x 260 mm	<b>Date and time:</b>	17.10.2023 17:14

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

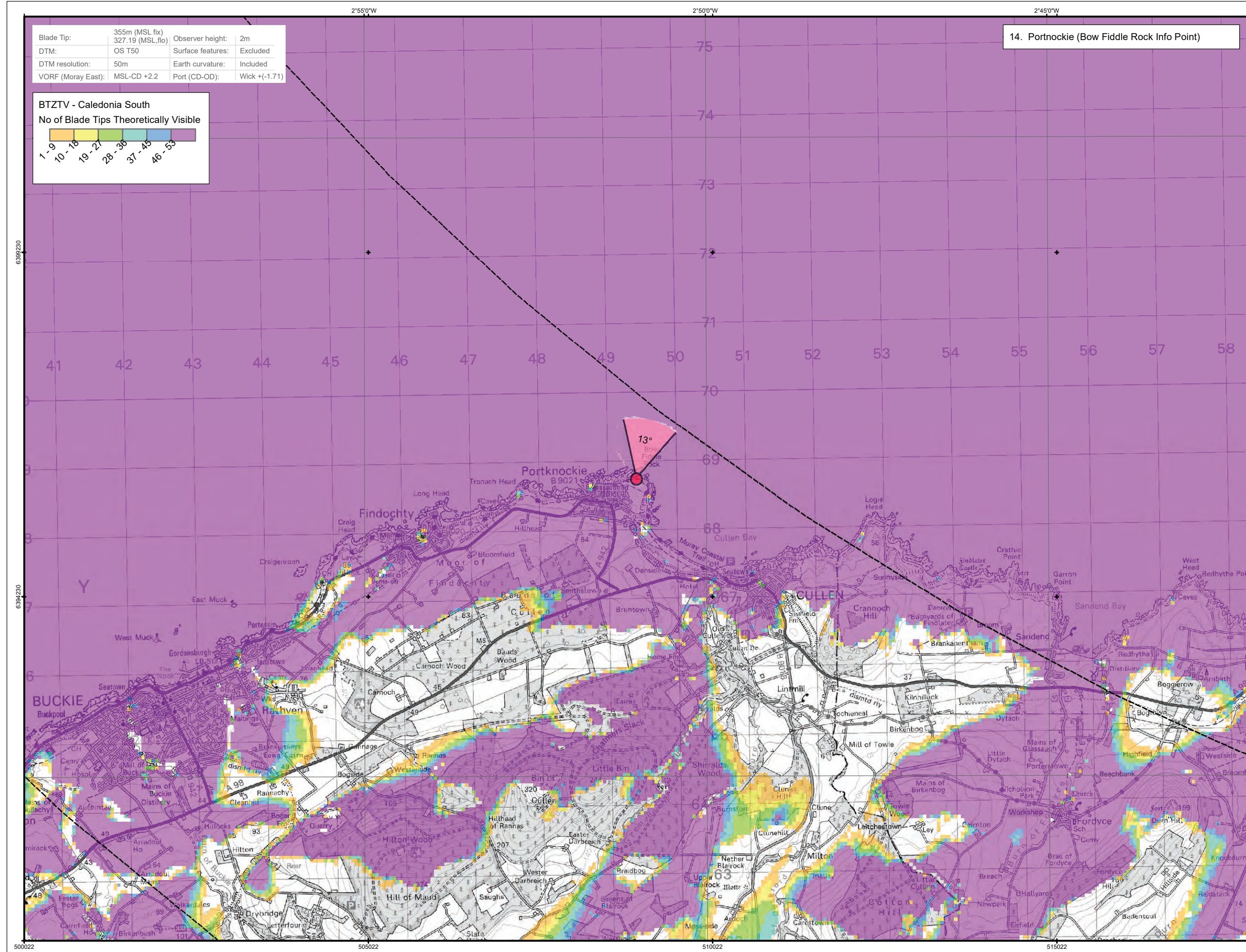
**Figure: 12.13g**  
**Viewpoint 13: Lossiemouth Harbour**  
**Caledonia South**

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



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

90°Field of View

53.5°Field of View

Caledonia South Fixed/Floating

OSP

Caledonia South

Caledonia North

Offshore and Onshore Export Cable Corridor

10km Radii

60km Study Area

Cumulative Windfarms Status:

Operational

Under Construction

Consented

Operational

Under Construction

Consented

Fixed (24 x 25MW)

Floating (29 x 20MW)

OSP

Caledonia South

Caledonia North

Offshore and Onshore Export Cable Corridor

10km Radii

60km Study Area

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0 2 4 6 8 10 km

0 0.5 1 1.5 2 km

03	26/09/2024	Approved	RH	LT	LT
02	10/07/2024	For Review	RH	LT	LT
01	10/05/2024	For Review	RH	LT	LT
REV	DATE	DOC STATUS	ORIGIN	REVIEW	APP

CALEDONIA

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SLR

CONTRACTOR DRAWING NO  
UKCAL1\_OPN\_WNF\_ENV\_SLV\_MAP\_00146\_03

CONTRACTOR REV

GEODETIC PARAMETERS  
WGS 1984 UTM Zone 30N (EPSG:32630)

Figure 12-14a - Viewpoint Plan  
14. Portnockie (Bow Fiddle Rock Info Point)  
Caledonia South

STATUS  
Approved

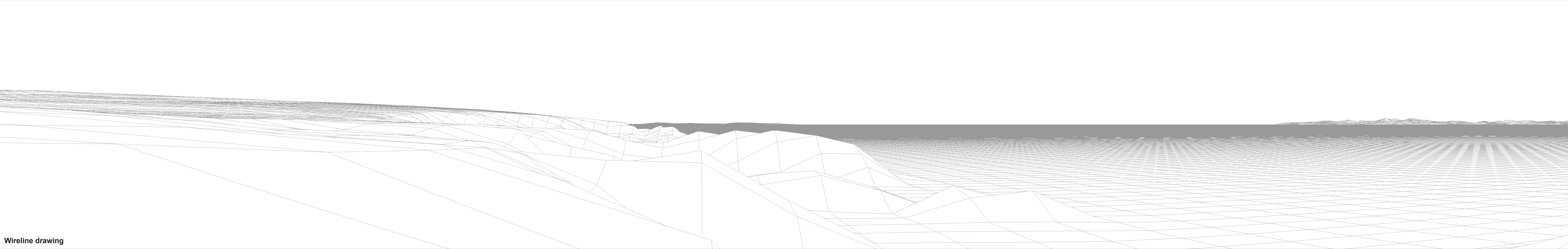
DRAWING NUMBER  
N/A

SCALE  
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1:50,000

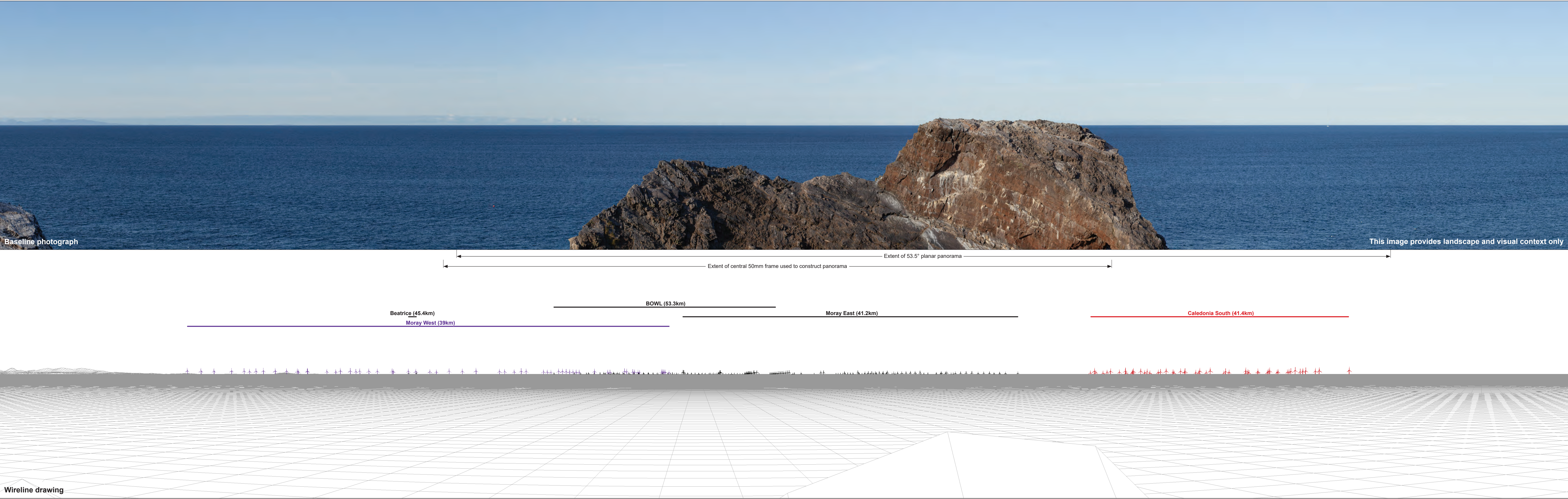
SHEET NO  
14 of 22

REV  
N/A

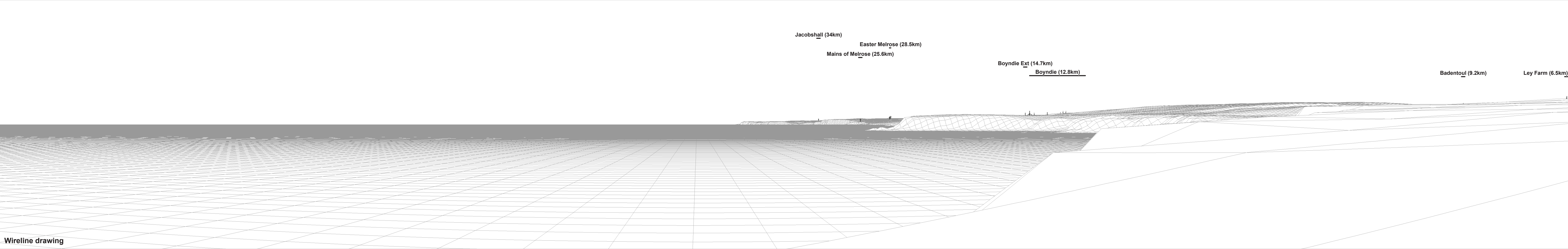










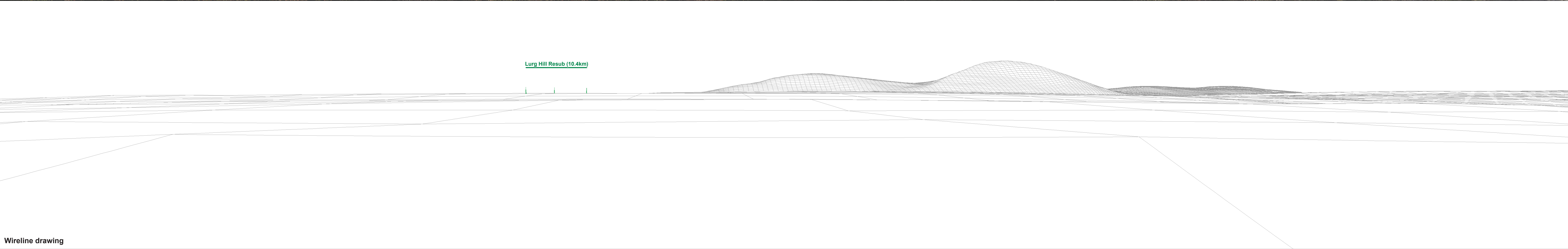






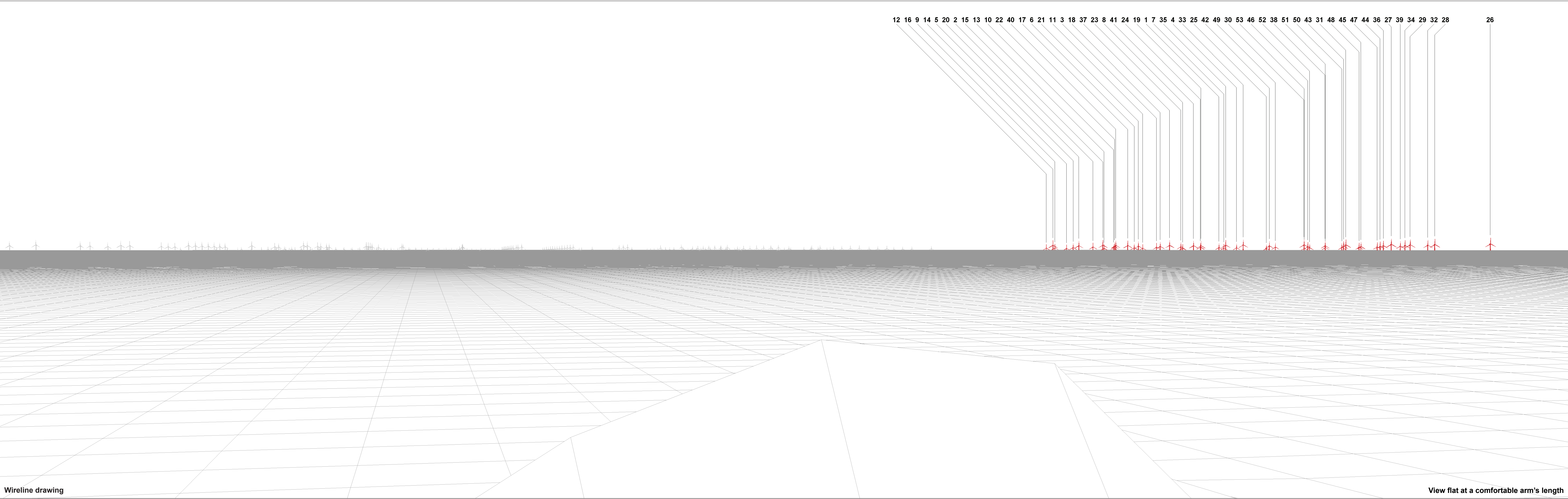
Baseline photograph

This image provides landscape and visual context only



Wireline drawing





Wireline drawing

View flat at a comfortable arm's length









Photomontage: Proposed Development.

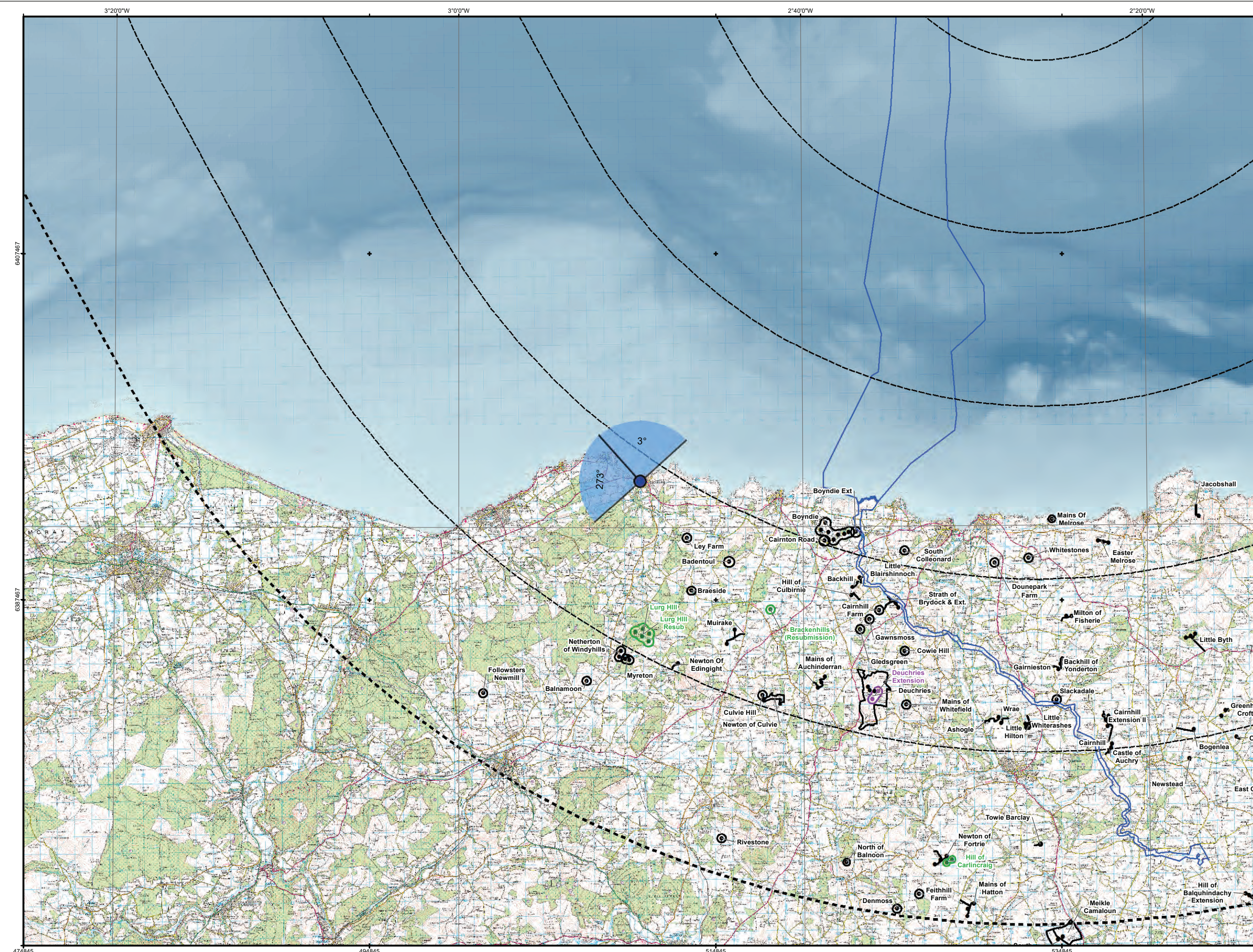
View flat at a comfortable arm's length

OS reference:	349409 E 868739 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II
Eye level:	30.1 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	13°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Nearest turbine:	41.38 km	Correct printed image size:	820 x 260 mm	Date and time:	17.10.2023 16:04

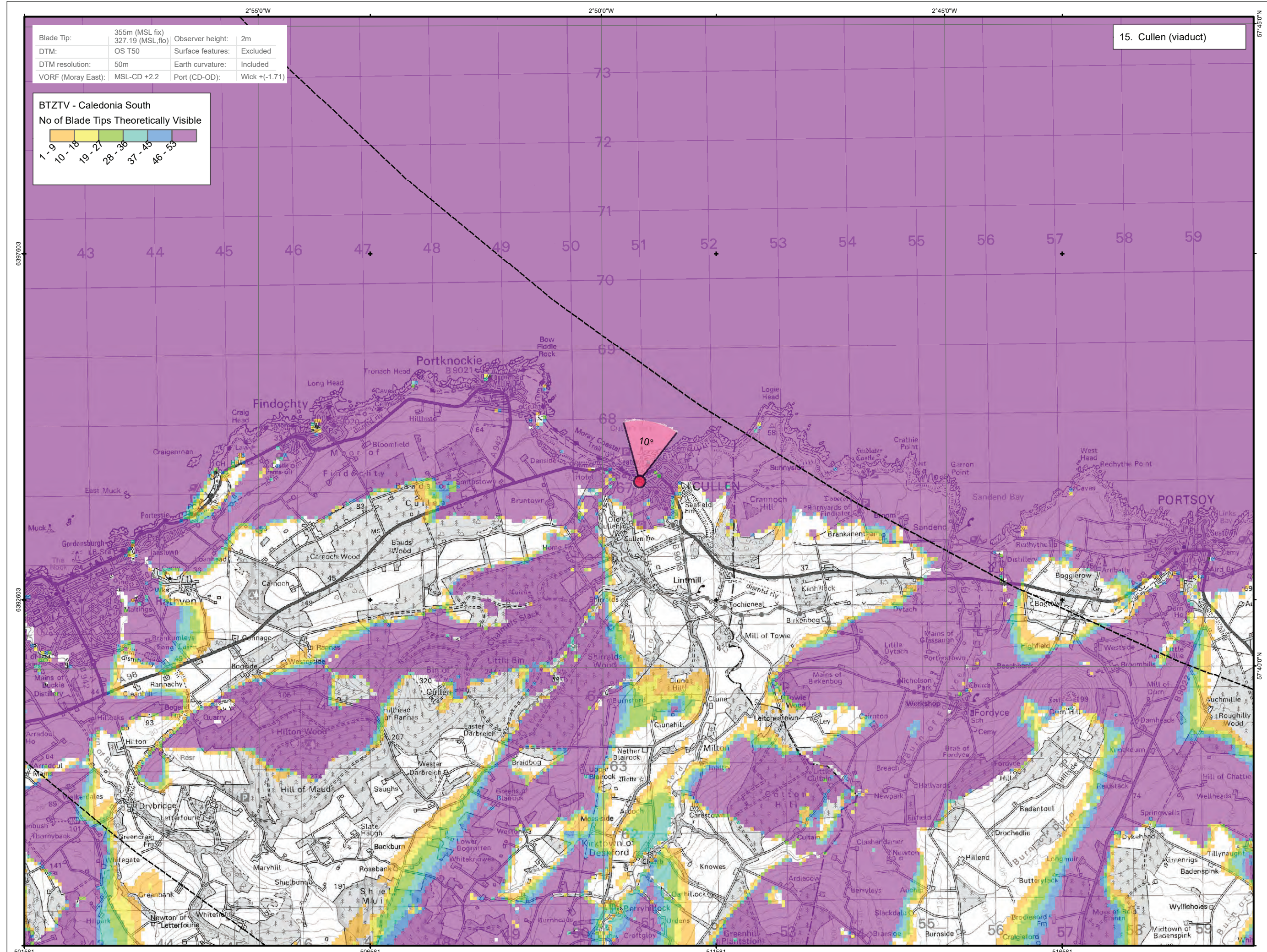
Operational and Under Construction offshore wind farms have been photomontaged in this view.

Figure: 12.14h  
Viewpoint 14: Portnockie (Bow Fiddle Rock Info Point)  
Caledonia South





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



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

90°Field of View

53.5°Field of View

Caledonia South Fixed/Floating

OSP

Caledonia South

Caledonia North

Offshore and Onshore Export Cable Corridor

10km Radii

60km Study Area

Cumulative Windfarms Status:

Operational

Under Construction

Consented

Operational

Under Construction

Consented

Fixed (24 x 25MW)

Floating (29 x 20MW)

OSP

15. Cullen (viaduct)

0 2 4 6 8 10 km

0 0.5 1 1.5 2 km

03 26/09/2024 Approved RH LT LT

02 10/07/2024 For Review RH LT LT

01 10/05/2024 For Review RH LT LT

REV DATE DOC STATUS ORIGIN REVIEW APP

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PART OF SLR

CONTRACTOR DRAWING NO

UKCAL1 OPN WNF ENV SLV MAP\_00147 03

CONTRACTOR REV

GEODETIC PARAMETERS

WGS 1984 UTM Zone 30N (EPSG:32630)

DRAWING TITLE

Figure 12-15a - Viewpoint Plan

15. Cullen (viaduct)

Caledonia South

STATUS

Approved

SCALE

1:200,000

1:50,000

DRAWING NUMBER

N/A

SHEET NO

15 of 22

REV

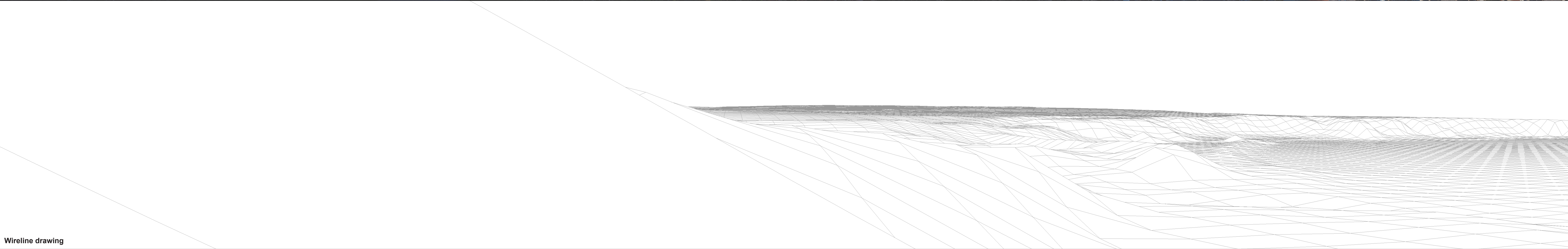
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Baseline photograph

This image provides landscape and visual context only



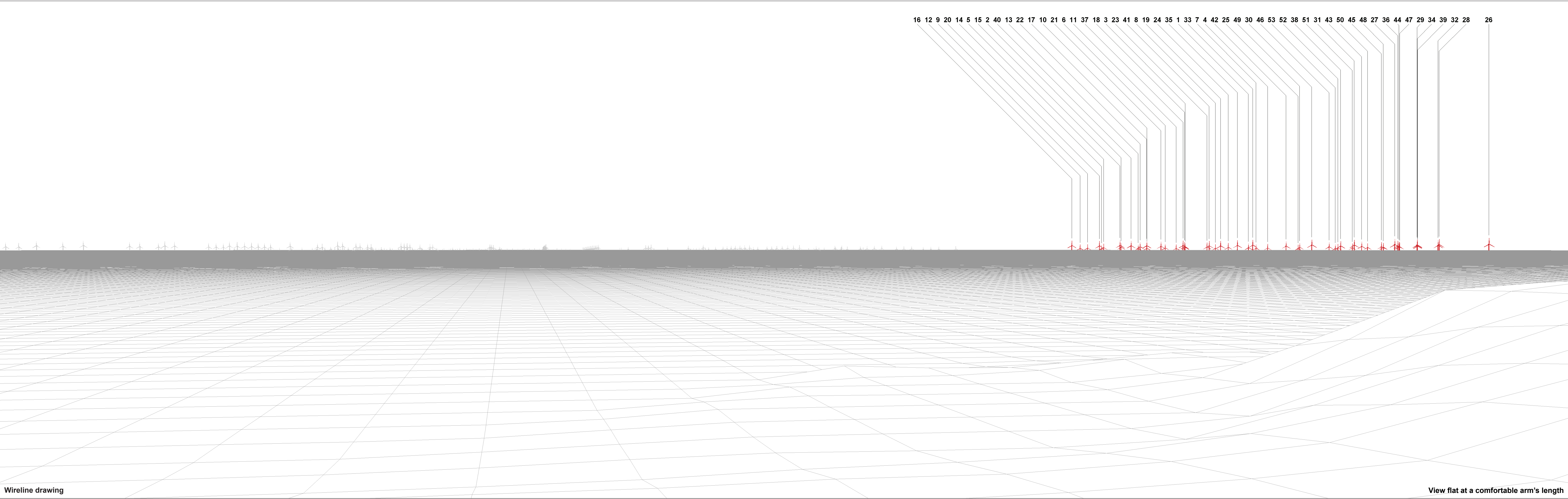
Wireline drawing

OS reference:	350944 E 867089 N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 5D Mark II	Figure: 12.15b
Eye level:	30.7 mAOD	Principal distance:	522 mm	Lens:	Canon EF 50mm f/1.4	Viewpoint 15: Cullen (viaduct)
Direction of view:	273°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m	Caledonia South
Nearest turbine:	41.82 km	Correct printed image size:	820 x 130 mm	Date and time:	17.10.2023 15:27	© Crown copyright, All rights reserved (2023). Licence number 0100031673















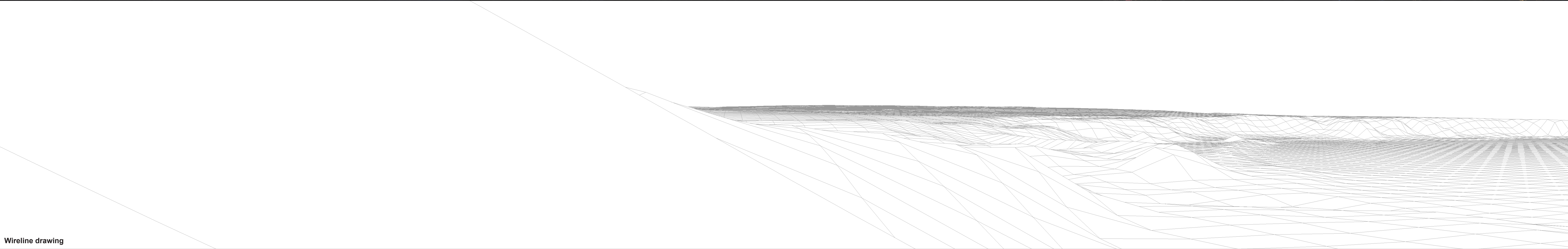






Baseline photograph

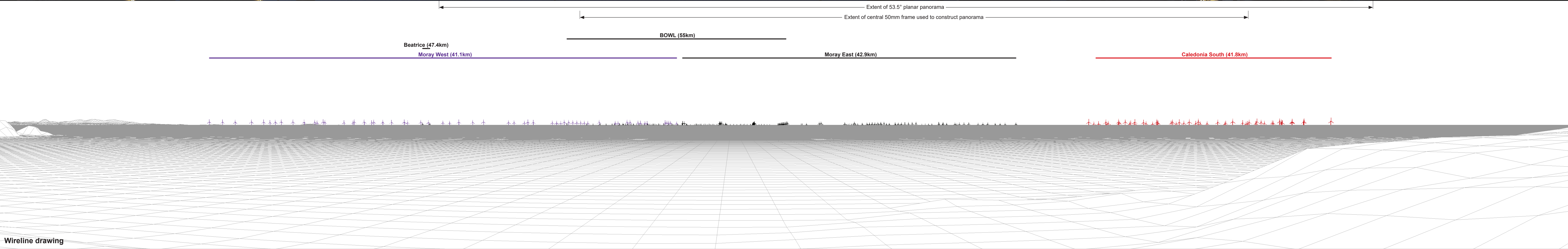
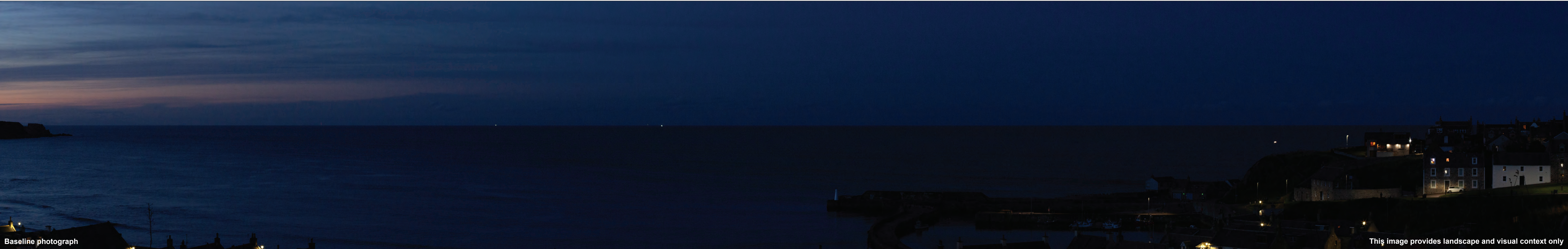
This image provides landscape and visual context only



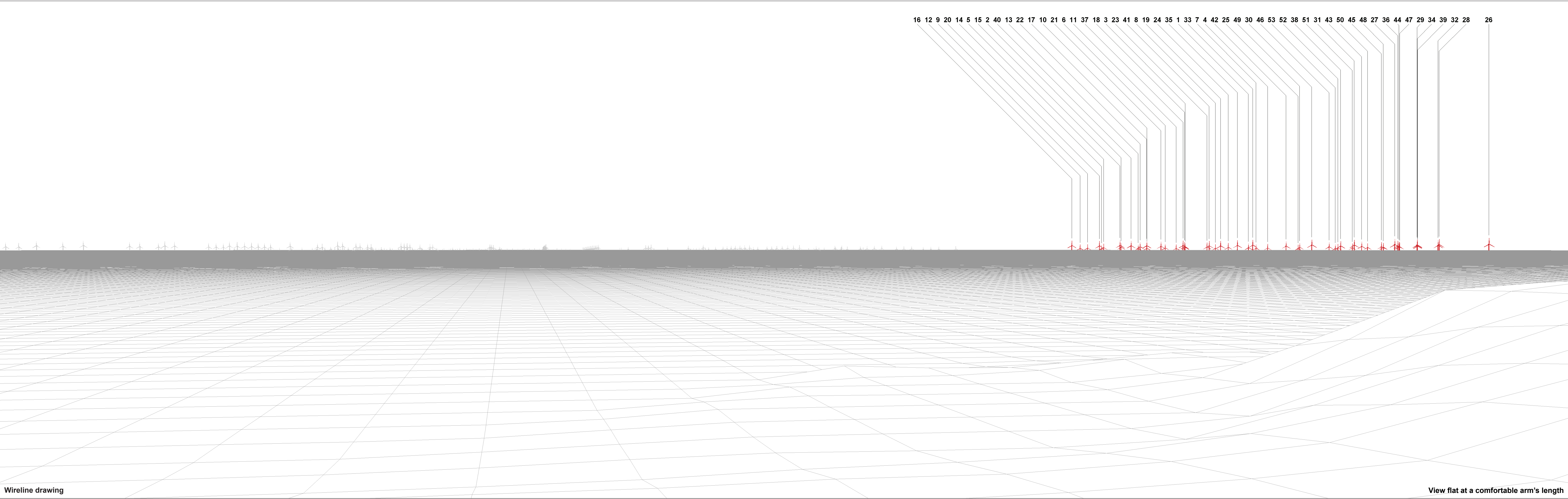
Wireline drawing

<b>OS reference:</b> 350944 E 867089 N		<b>Horizontal field of view:</b> 90° (cylindrical projection)		<b>Camera:</b> Canon EOS 5D Mark II		<b>Figure: 12.15g</b>	
<b>Eye level:</b> 30.7 mAOD		<b>Principal distance:</b> 522 mm		<b>Lens:</b> Canon EF 50mm f/1.4		<b>Viewpoint 15: Cullen (viaduct)</b>	
<b>Direction of view:</b> 273°		<b>Paper size:</b> 841 x 297 mm (half A1)		<b>Camera height:</b> 1.5 m		<b>Caledonia South</b>	
<b>Nearest turbine:</b> 41.82 km		<b>Correct printed image size:</b> 820 x 130 mm		<b>Date and time:</b> 23.10.2023 18:27		<small>© Crown copyright, All rights reserved (2023). Licence number 0100031673</small>	













Baseline photograph.

View flat at a comfortable arm's length

OS reference:	350944 E 867089 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II
Eye level:	30.7 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	10°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Nearest turbine:	41.82 km	Correct printed image size:	820 x 260 mm	Date and time:	23.10.2023 18:27

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

Figure: 12.15j  
Viewpoint 15: Cullen (viaduct)  
Caledonia South





Photomontage: Proposed Development.

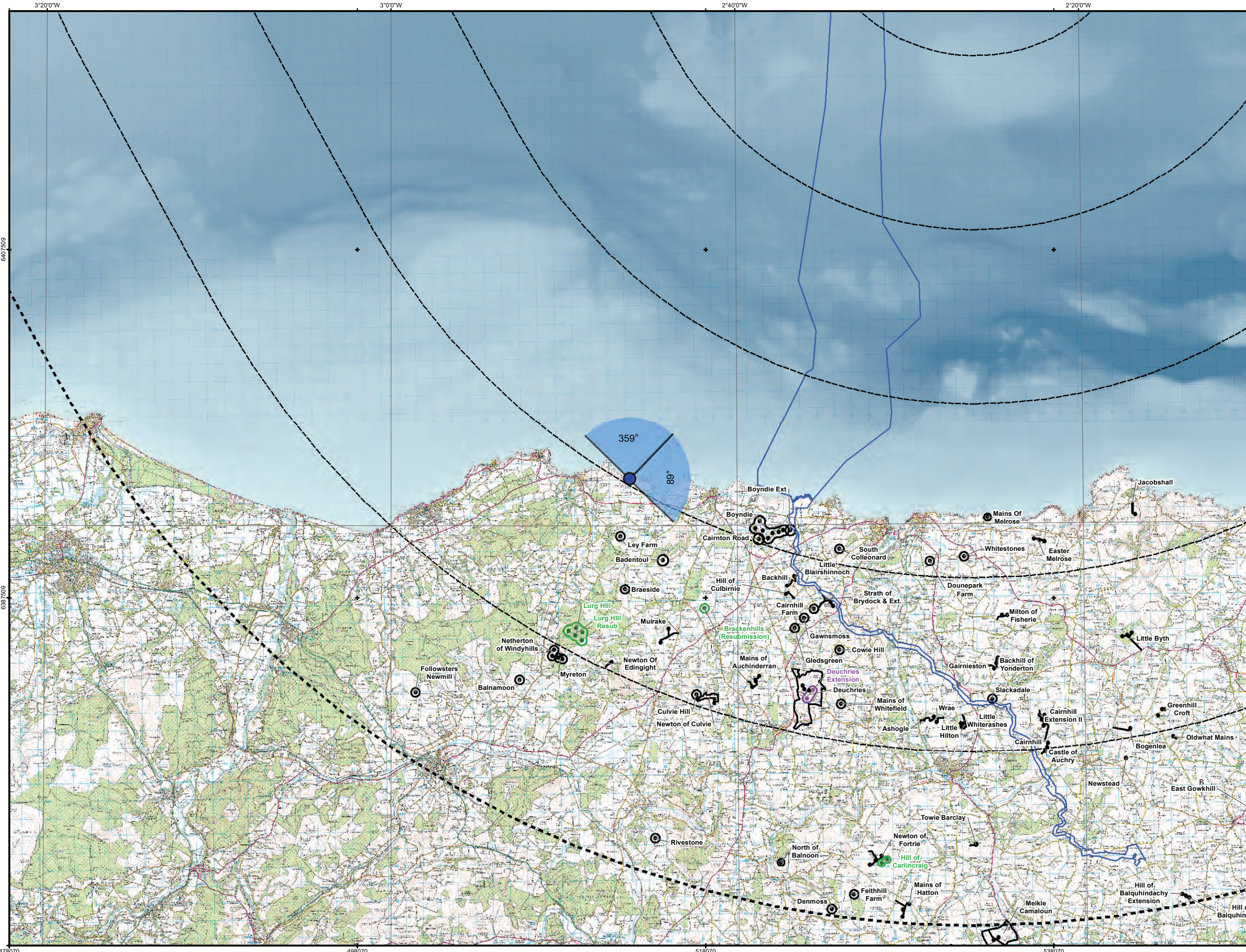
View flat at a comfortable arm's length

OS reference:	350944 E 867089 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II
Eye level:	30.7 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	10°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Nearest turbine:	41.82 km	Correct printed image size:	820 x 260 mm	Date and time:	23.10.2023 18:27

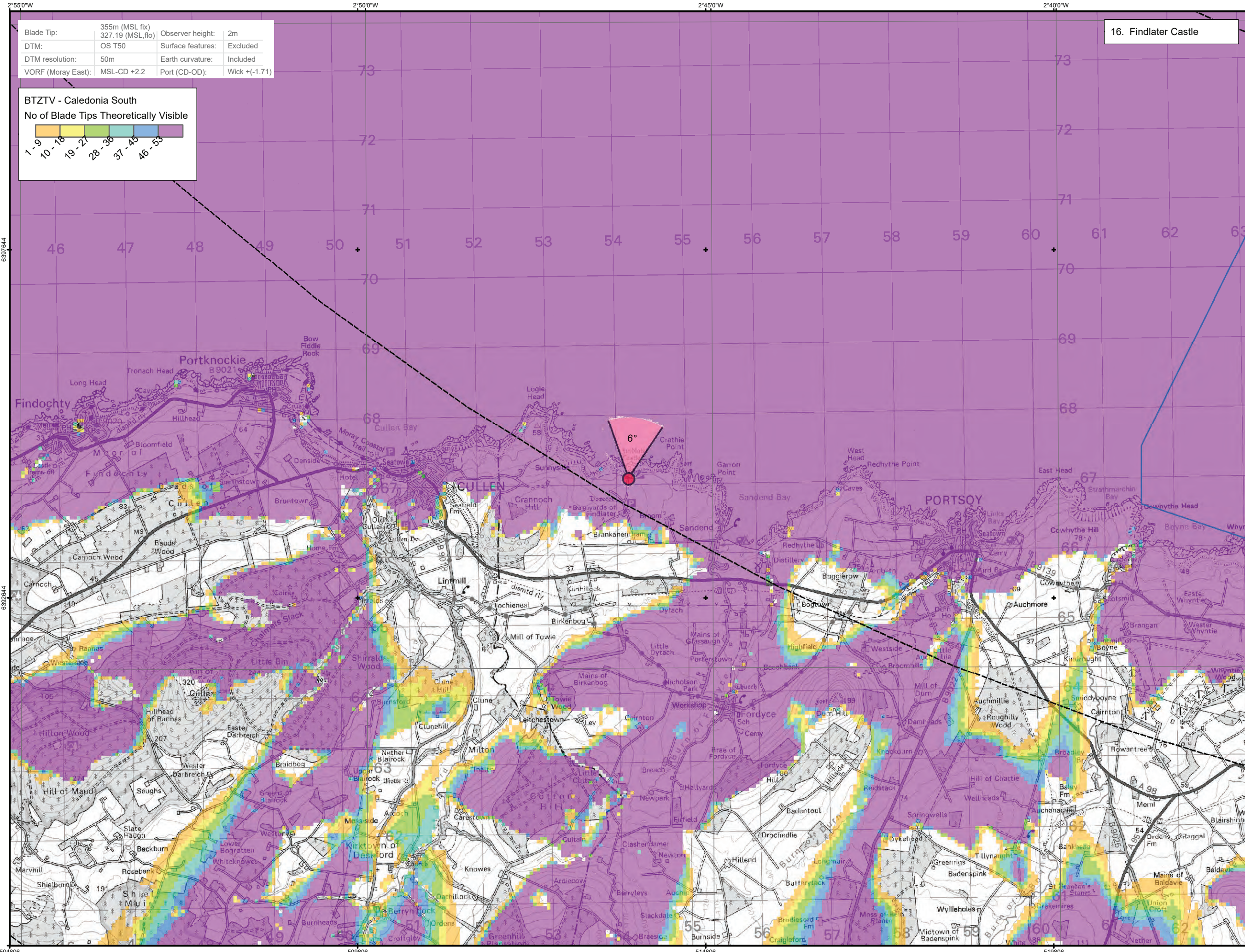
Operational and Under Construction offshore wind farms  
have been photomontaged in this view.

Figure: 12.15k  
Viewpoint 15: Cullen (viaduct)  
Caledonia South





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

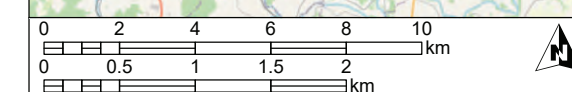


Viewpoint Location Plan (53.5° View)  
Scale: 1:50,000

- 90°Field of View
  - 53.5°Field of View
  - Caledonia South Fixed/Floating
  - OSP
  - Caledonia South
  - Caledonia North
  - Offshore and Onshore Export Cable Corridor
  - 10km Radii
  - 60km Study Area
- Cumulative Windfarms Status:
- Operational
  - Under Construction
  - Consented
  - Operational
  - Under Construction
  - Consented

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REV	DATE	DOC STATUS	ORIGIN	REVIEW	APP
03	26/09/2024	Approved	RH	LT	LT
02	10/07/2024	For Review	RH	LT	LT
01	10/05/2024	For Review	RH	LT	LT



CONTRACTOR DRAWING NO  
UKCAL1 OPN WNF ENV SLV MAP\_00148 03

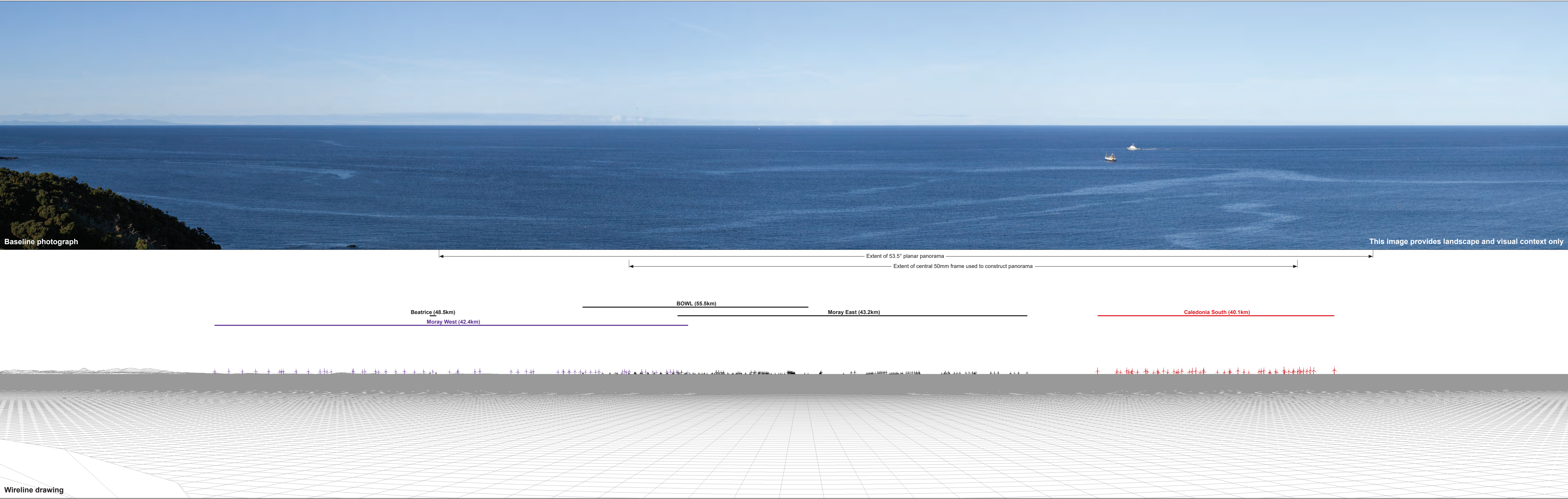
GEODETIC PARAMETERS  
WGS 1984 UTM Zone 30N (EPSG:32630)

DRAWING TITLE  
Figure 12-16a - Viewpoint Plan  
16. Findlater Castle

Caledonia South

STATUS Approved	SCALE 1:200,000 1:50,000
DRAWING NUMBER N/A	SHEET NO 16 of 22 REV N/A



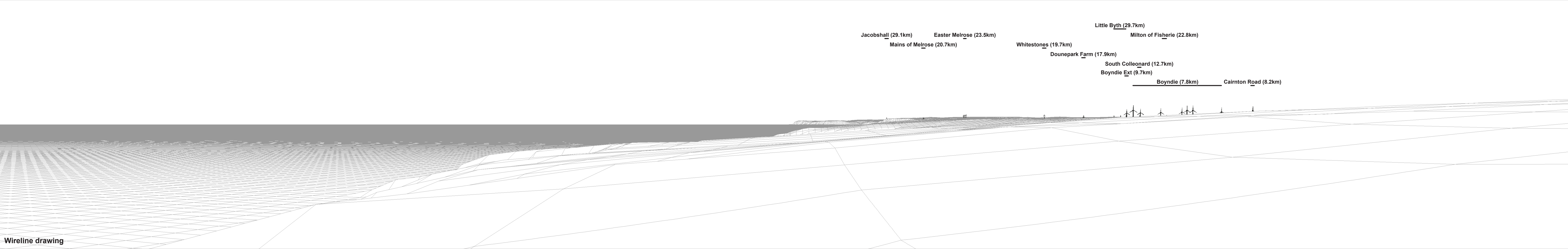






Baseline photograph

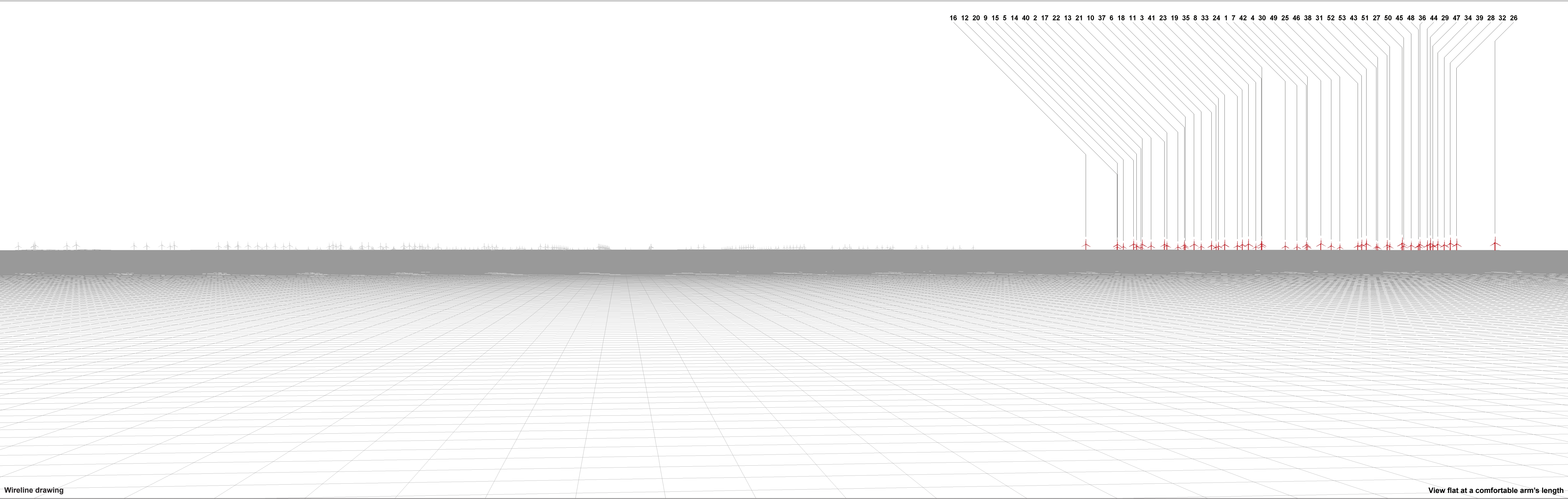
This image provides landscape and visual context only



Wireline drawing

OS reference:	354170 E 867083 N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 5D Mark II	Figure: 12.16c
Eye level:	56.7 mAOD	Principal distance:	522 mm	Lens:	Canon EF 50mm f/1.4	Viewpoint 16: Findlater Castle
Direction of view:	89°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m	Caledonia South
Nearest turbine:	40.09 km	Correct printed image size:	820 x 130 mm	Date and time:	17.10.2023 14:57	© Crown copyright, All rights reserved (2023). Licence number 0100031673





Wireline drawing

View flat at a comfortable arm's length





Baseline photograph.

View flat at a comfortable arm's length

OS reference:

354170 E 867083 N

Eye level:

56.7 mAOD

Direction of view:

6°

Nearest turbine:

40.09 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 14:57

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

Figure: 12.16e  
Viewpoint 16: Findlater Castle  
Caledonia South





Photomontage: Proposed Development.

View flat at a comfortable arm's length

OS reference:	354170 E 867083 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II
Eye level:	56.7 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	6°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Nearest turbine:	40.09 km	Correct printed image size:	820 x 260 mm	Date and time:	17.10.2023 14:57

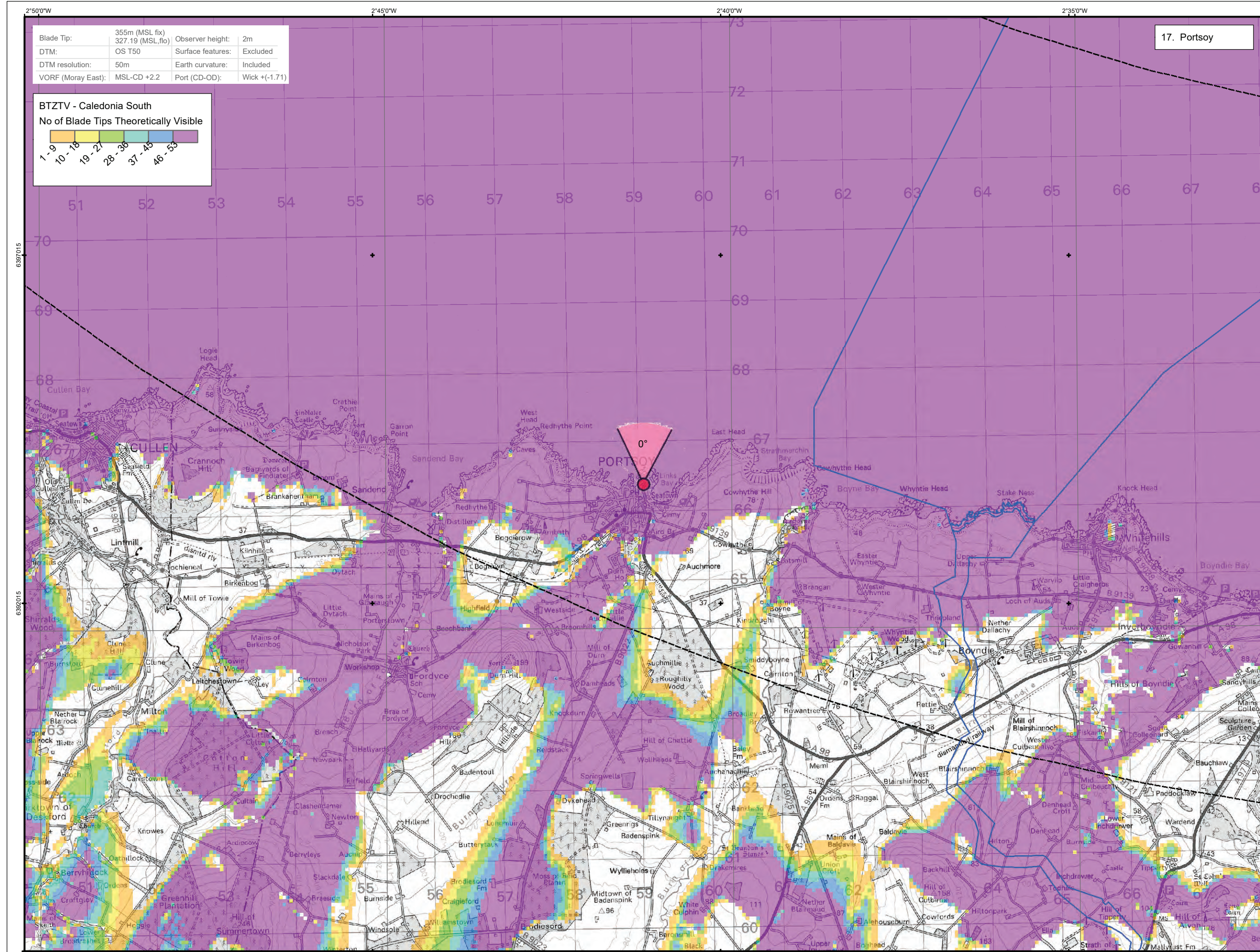
Operational and Under Construction offshore wind farms have been photomontaged in this view.

Figure: 12.16f  
Viewpoint 16: Findlater Castle  
Caledonia South





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



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

90°Field of View

53.5°Field of View

Caledonia South Fixed/Floating

OSP

Caledonia North

Offshore and Onshore Export Cable Corridor

10km Radii

60km Study Area

Cumulative Windfarms Status:

Operational

Under Construction

Consented

Operational

Under Construction

Consented

Fixed (24 x 25MW)

Floating (29 x 20MW)

OSP

Caledonia South

Caledonia North

Offshore and Onshore Export Cable Corridor

10km Radii

60km Study Area

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0 2 4 6 8 10

0 0.5 1 1.5 2

km

km

03 26/09/2024 Approved RH LT LT

02 10/07/2024 For Review RH LT LT

01 10/05/2024 For Review RH LT LT

REV DATE DOC STATUS ORIGIN REVIEW APP

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PART OF SLR

CONTRACTOR DRAWING NO

UKCAL1 OPN WNF ENV SLV MAP\_00149 03

CONTRACTOR REV

GEODETIC PARAMETERS

WGS 1984 UTM Zone 30N (EPSG:32630)

DRAWING TITLE

Figure 12-17a - Viewpoint Plan

17. Portsoy

Caledonia South

STATUS

Approved

SCALE

1:200,000

DRAWING NUMBER

N/A

SHEET NO

17 of 22

CONTRACTOR REV

N/A

REV

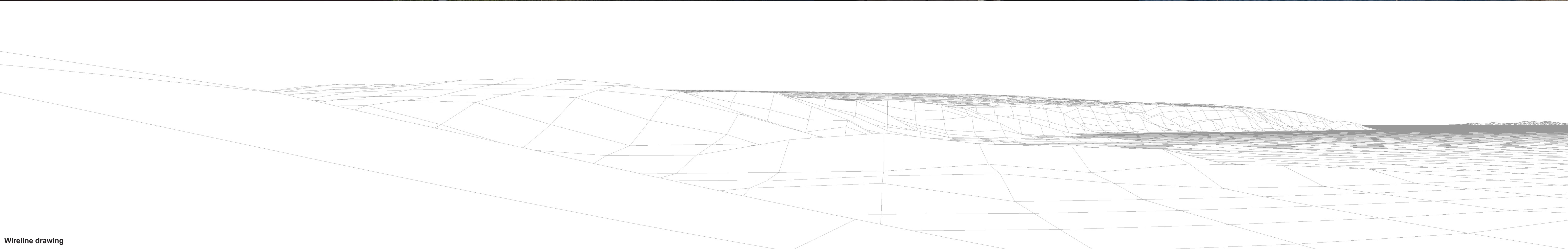
N/A





Baseline photograph

This image provides landscape and visual context only



Wireline drawing

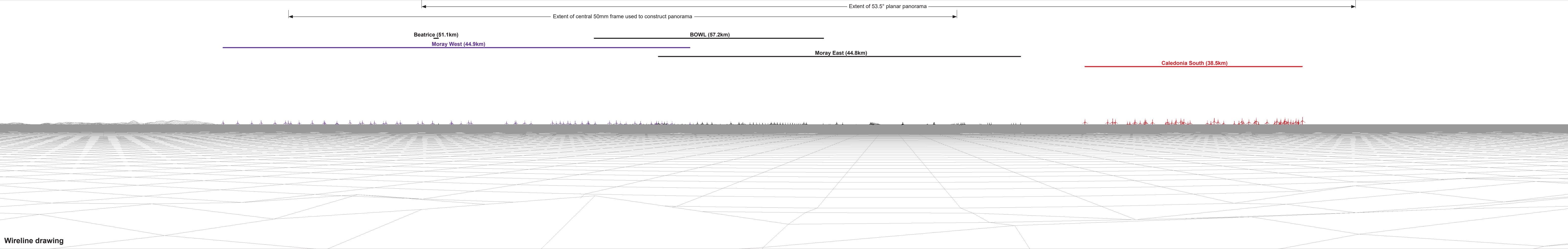
<b>OS reference:</b>	359070 E 866381 N	<b>Horizontal field of view:</b>	90° (cylindrical projection)	<b>Camera:</b>	Canon EOS 5D Mark II	<b>Figure: 12.17b</b>
<b>Eye level:</b>	11.9 mAOD	<b>Principal distance:</b>	522 mm	<b>Lens:</b>	Canon EF 50mm f/1.4	<b>Viewpoint 17: Portsoy</b>
<b>Direction of view:</b>	264°	<b>Paper size:</b>	841 x 297 mm (half A1)	<b>Camera height:</b>	1.5 m	<b>Caledonia South</b>
<b>Nearest turbine:</b>	38.48 km	<b>Correct printed image size:</b>	820 x 130 mm	<b>Date and time:</b>	17.10.2023 14:25	© Crown copyright, All rights reserved (2023). Licence number 0100031673





Baseline photograph

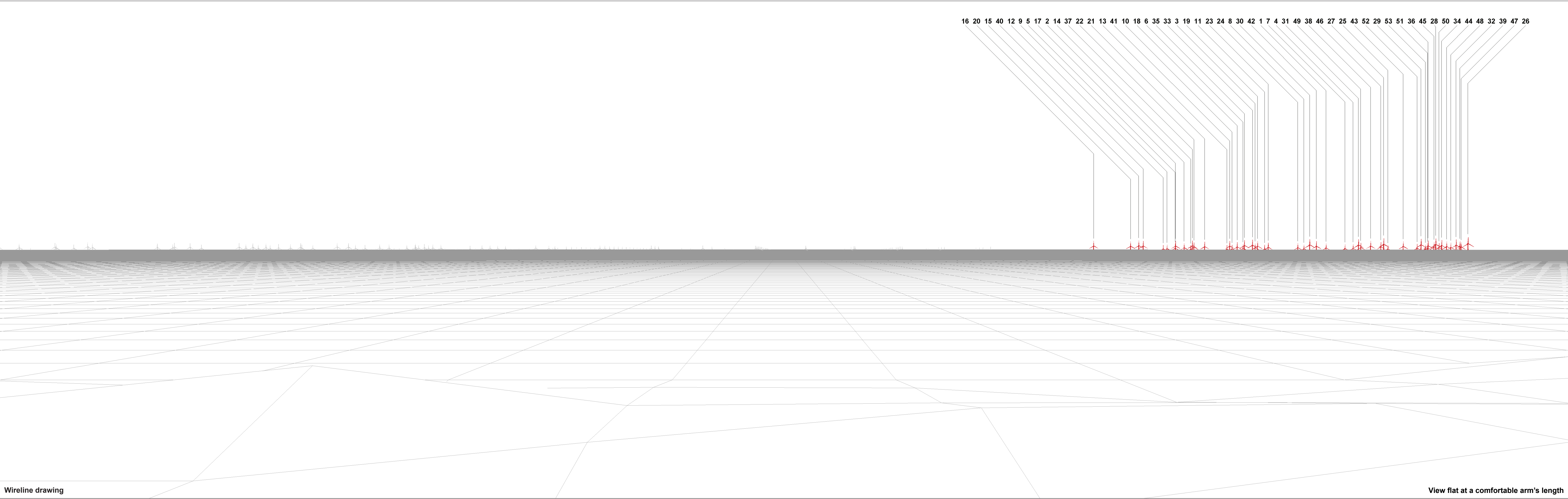
This image provides landscape and visual context only



Wireline drawing

OS reference:	359070 E 866381 N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 5D Mark II	Figure: 12.17c
Eye level:	11.9 mAOD	Principal distance:	522 mm	Lens:	Canon EF 50mm f/1.4	Viewpoint 17: Portsoy
Direction of view:	354°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m	Caledonia South
Nearest turbine:	38.48 km	Correct printed image size:	820 x 130 mm	Date and time:	17.10.2023 14:25	





Wireline drawing

View flat at a comfortable arm's length

<b>OS reference:</b>	359070 E 866381 N	<b>Horizontal field of view:</b>	53.5° (planar projection)	<b>Camera:</b>	Canon EOS 5D Mark II
<b>Eye level:</b>	11.9 mAOD	<b>Principal distance:</b>	812.5 mm	<b>Lens:</b>	Canon EF 50mm f/1.4
<b>Direction of view:</b>	0°	<b>Paper size:</b>	841 x 297 mm (half A1)	<b>Camera height:</b>	1.5 m
<b>Nearest turbine:</b>	38.48 km	<b>Correct printed image size:</b>	820 x 260 mm	<b>Date and time:</b>	17.10.2023 14:25

**Figure: 12.17d**  
**Viewpoint 17: Portsoy**  
**Caledonia South**





Baseline photograph.

View flat at a comfortable arm's length

OS reference:	359070 E 866381 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II
Eye level:	11.9 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	0°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Nearest turbine:	38.48 km	Correct printed image size:	820 x 260 mm	Date and time:	17.10.2023 14:25

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

Figure: 12.17e  
Viewpoint 17: Portsoy  
Caledonia South





Photomontage: Proposed Development.

View flat at a comfortable arm's length

OS reference:	359070 E 866381 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II
Eye level:	11.9 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	0°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Nearest turbine:	38.48 km	Correct printed image size:	820 x 260 mm	Date and time:	17.10.2023 14:25

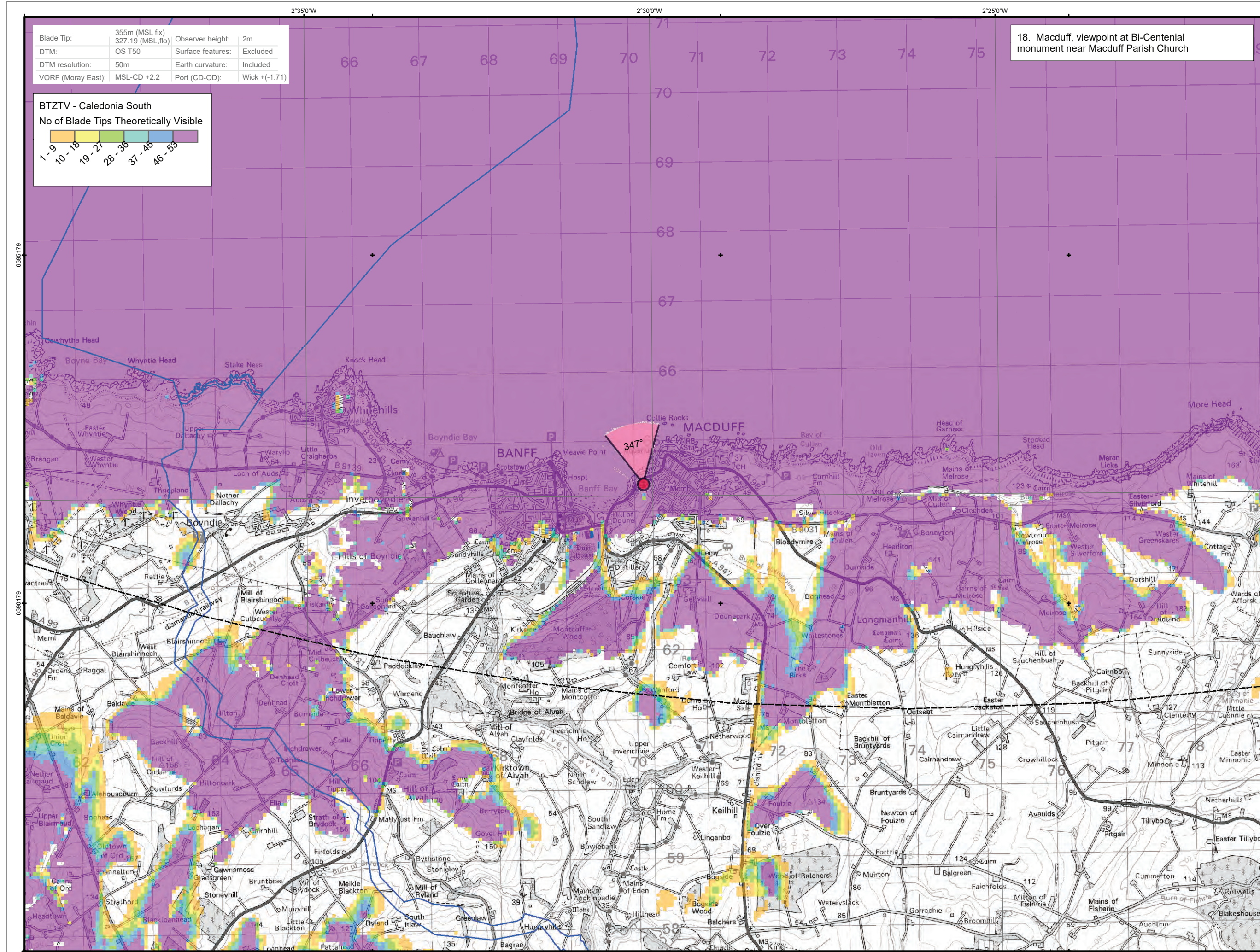
Operational and Under Construction offshore wind farms  
have been photomontaged in this view.

Figure: 12.17f  
Viewpoint 17: Portsoy  
Caledonia South





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



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

90°Field of View

53.5°Field of View

Caledonia South Fixed/Floating

OSP

Caledonia South

Caledonia North

Offshore and Onshore Export Cable Corridor

10km Radii

60km Study Area

Cumulative Windfarms Status:

Operational

Under Construction

Consented

Operational

Under Construction

Consented

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0 2 4 6 8 10 km

0 0.5 1 1.5 2 km

03	26/09/2024	Approved	RH	LT	LT
02	10/07/2024	For Review	RH	LT	LT
01	10/05/2024	For Review	RH	LT	LT
REV	DATE	DOC STATUS	ORIGIN	REVIEW	APP

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CONTRACTOR DRAWING NO  
UKCAL1 OPN WNF ENV SLV MAP\_00150 03

CONTRACTOR REV

GEODETIC PARAMETERS  
WGS 1984 UTM Zone 30N (EPSG:32630)

DRAWING TITLE  
Figure 12-18a - Viewpoint Plan  
18. Macduff, viewpoint at Bi-Centennial monument near Macduff Parish Church  
Caledonia South

STATUS  
Approved

DRAWING NUMBER  
N/A

SCALE  
1:200,000  
1:50,000

SHEET NO  
18 of 22

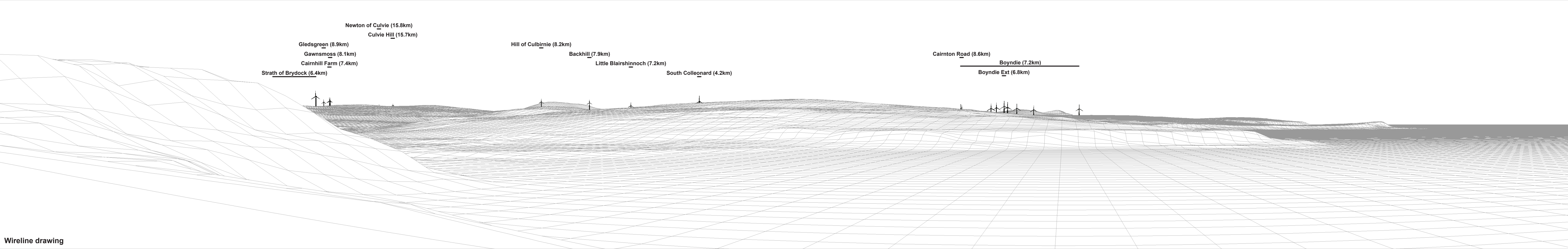
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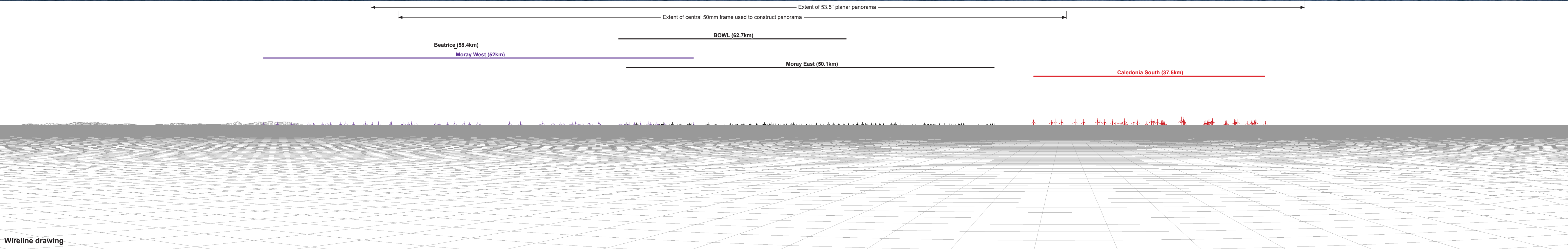
Baseline photograph

This image provides landscape and visual context only

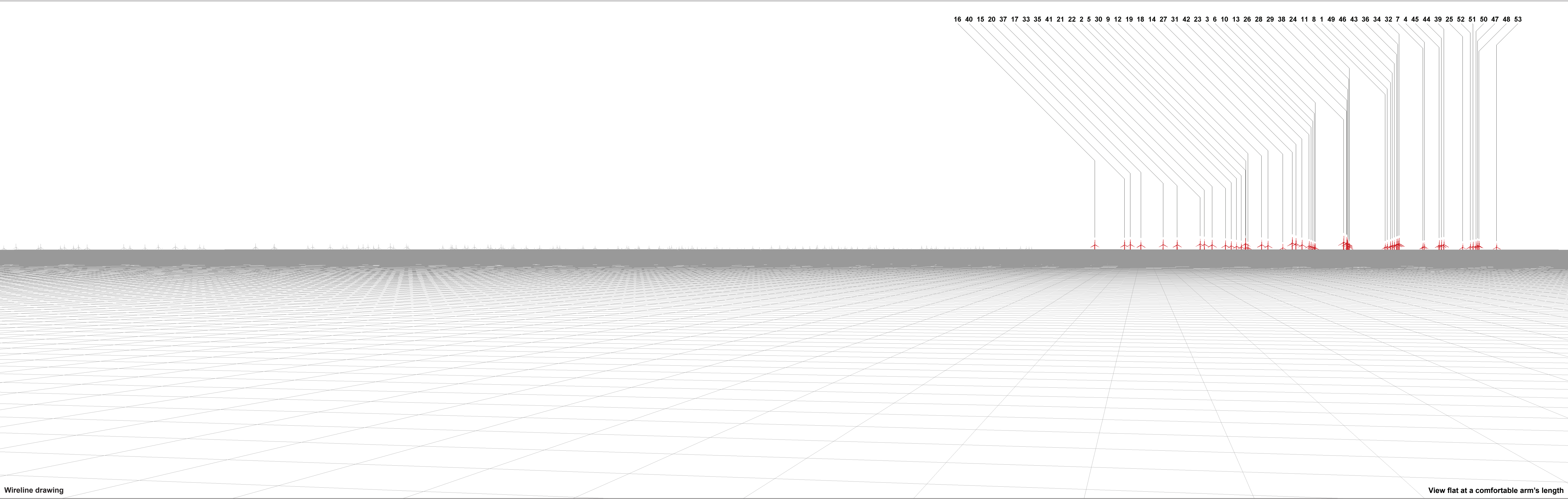


Wireline drawing









Wireline drawing

View flat at a comfortable arm's length

OS reference:	370127 E 864382 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II	Figure: 12.18d
Eye level:	30.6 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4	Viewpoint 18: Macduff, viewpoint at Bi-Centennial monument near Macduff Parish Church
Direction of view:	347°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m	Caledonia South
Nearest turbine:	37.49 km	Correct printed image size:	820 x 260 mm	Date and time:	17.10.2023 13:42	© Crown copyright. All rights reserved (2023). Licence number 0100031673





Baseline photograph.

View flat at a comfortable arm's length

OS reference:	370127 E 864382 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II
Eye level:	30.6 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	347°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Nearest turbine:	37.49 km	Correct printed image size:	820 x 260 mm	Date and time:	17.10.2023 13:42

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

**Figure: 12.18e**  
Viewpoint 18: Macduff, viewpoint at Bi-Centennial monument near Macduff Parish Church  
**Caledonia South**





Photomontage: Proposed Development.

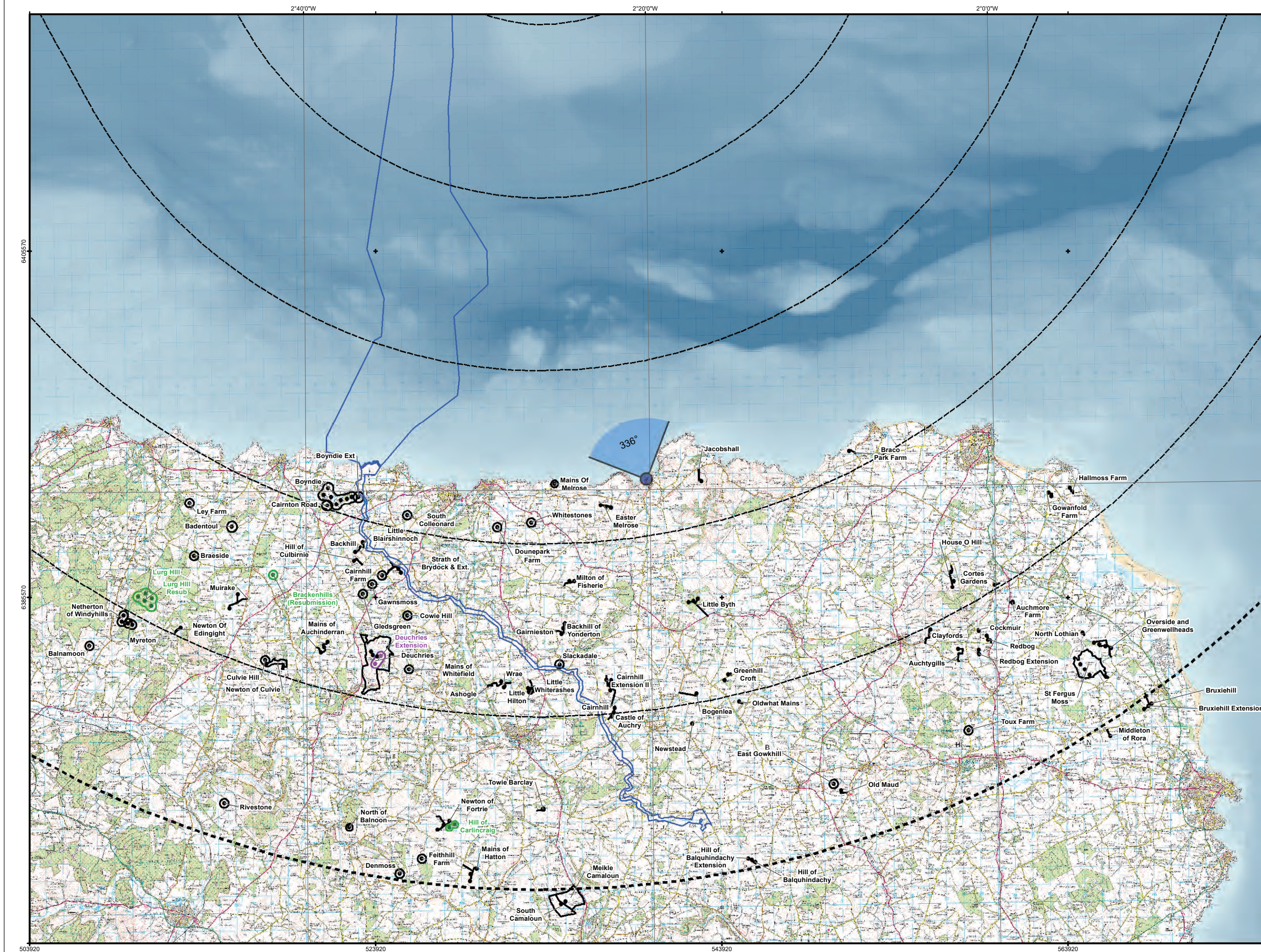
View flat at a comfortable arm's length

OS reference:	370127 E 864382 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II
Eye level:	30.6 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	347°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Nearest turbine:	37.49 km	Correct printed image size:	820 x 260 mm	Date and time:	17.10.2023 13:42

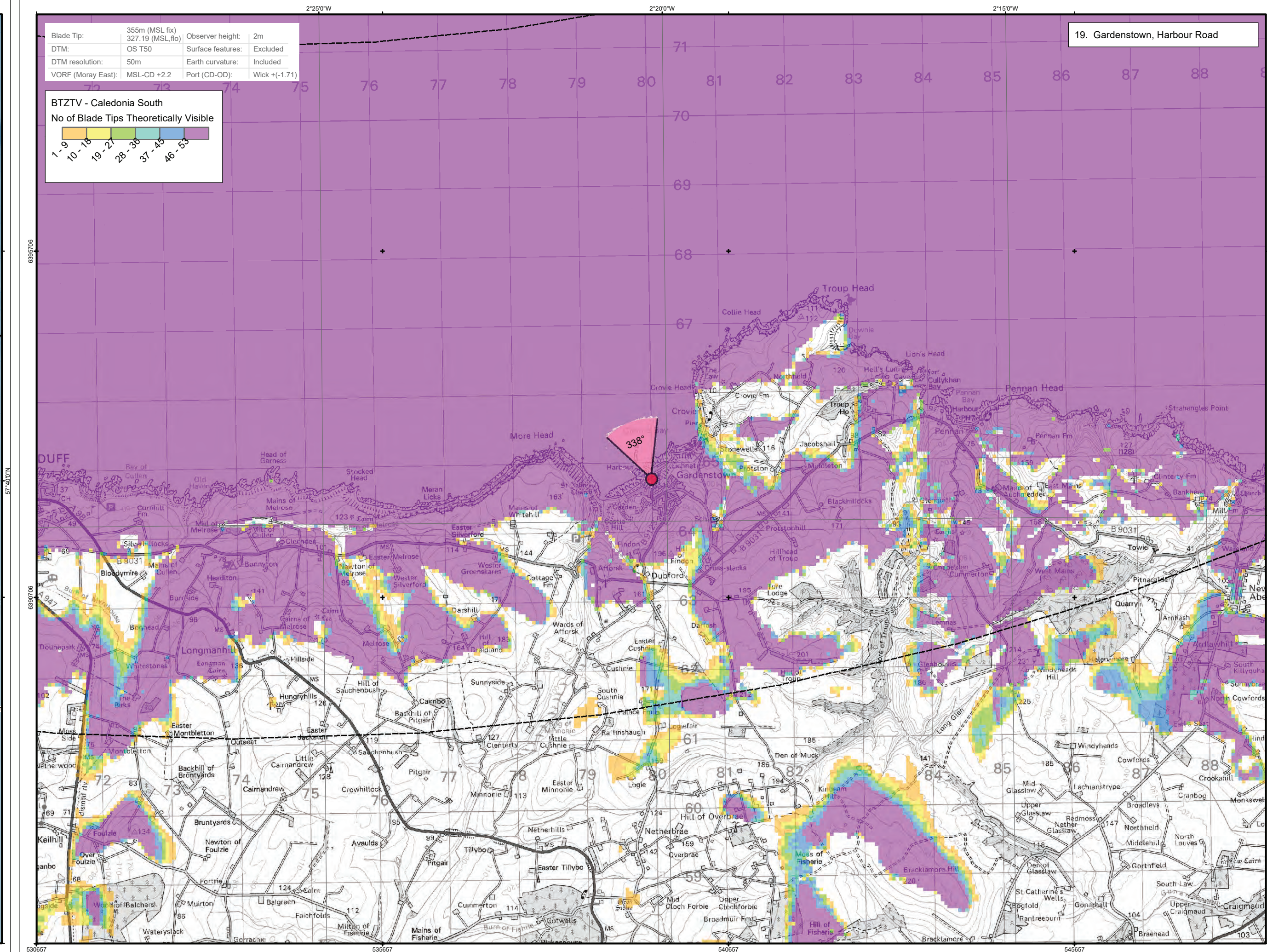
Operational and Under Construction offshore wind farms have been photomontaged in this view.

Figure: 12.18f  
Viewpoint 18: Macduff, viewpoint at Bi-Centennial monument near Macduff Parish Church  
Caledonia South





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



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

90° Field of View

53.5° Field of View

Caledonia South Fixed/Floating

Fixed (24 x 25MW)

Floating (29 x 20MW)

OSP

Caledonia South

Caledonia North

Offshore and Onshore Export Cable Corridor

10km Radii

60km Study Area

Cumulative Windfarms Status:

Operational

Under Construction

Consented

Operational

Under Construction

Consented

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0

2

4

6

8

10

0

0.5

1

1.5

2

03	26/09/2024	Approved	RH	LT	LT
02	10/07/2024	For Review	RH	LT	LT
01	10/05/2024	For Review	RH	LT	LT
REV	DATE	DOC STATUS	ORIGIN	REVIEW	APP

CALEDONIA

Offshore Wind Farm

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GEOSCIENCE SCOTLAND

PART OF

SLR

CONTRACTOR DRAWING NO  
UKCAL1\_OPN\_WNF\_ENV\_SLV\_MAP\_00151

CONTRACTOR REV  
03

GEODETIC PARAMETERS  
WGS 1984 UTM Zone 30N (EPSG:32630)

DRAWING TITLE  
Figure 12-19a - Viewpoint Plan  
19. Gardenstown, Harbour Road

STATUS  
Approved

DRAWING NUMBER  
N/A

SCALE  
1:200,000  
1:50,000

SHEET NO  
19 of 22

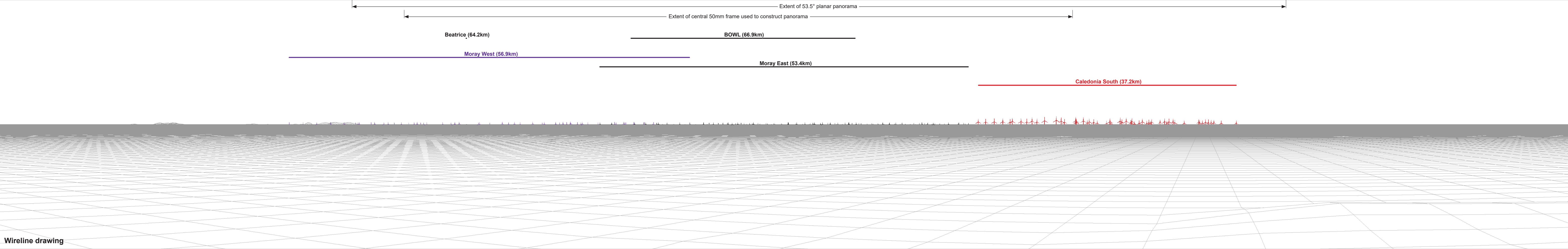
REV  
N/A





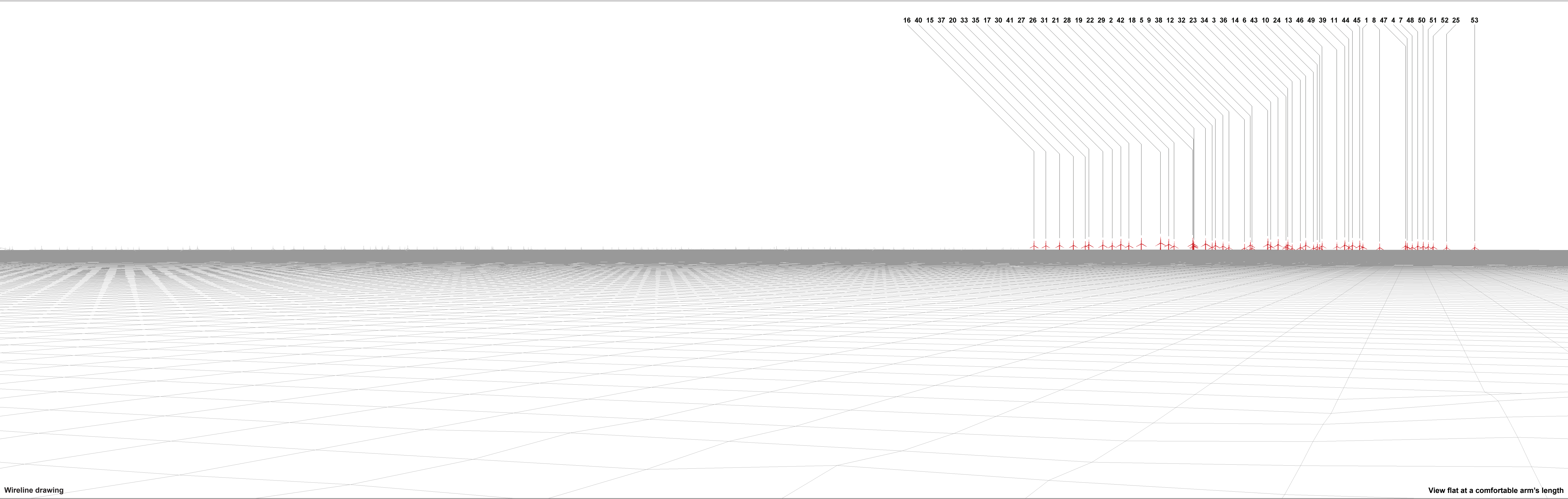
Baseline photograph

This image provides landscape and visual context only



Wireline drawing





Wireline drawing

View flat at a comfortable arm's length

OS reference:	379990 E 864763 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II
Eye level:	22.0 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	338°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Nearest turbine:	37.25 km	Correct printed image size:	820 x 260 mm	Date and time:	17.10.2023 12:51

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





Baseline photograph.

View flat at a comfortable arm's length

<b>S reference:</b>	379990 E 864763 N	<b>Horizontal field of view:</b>	53.5° (planar projection)	<b>Camera:</b>	Canon EOS 5D Mark II	<b>Operational and Under Construction offshore wind farms have been photomontaged in this view.</b>	<b>Figure: 12.19d</b>
<b>Eye level:</b>	22.0 mAOD	<b>Principal distance:</b>	812.5 mm	<b>Lens:</b>	Canon EF 50mm f/1.4		
<b>Direction of view:</b>	338°	<b>Paper size:</b>	841 x 297 mm (half A1)	<b>Camera height:</b>	1.5 m		
<b>Nearest turbine:</b>	37.25 km	<b>Correct printed image size:</b>	820 x 260 mm	<b>Date and time:</b>	17.10.2023 12:51		
						<b>Viewpoint 19: Gardenstown, Harbour Road</b>	<b>Caledonia South</b>
						<small>© Crown copyright. All rights reserved (2023). Licence number 0100031673</small>	



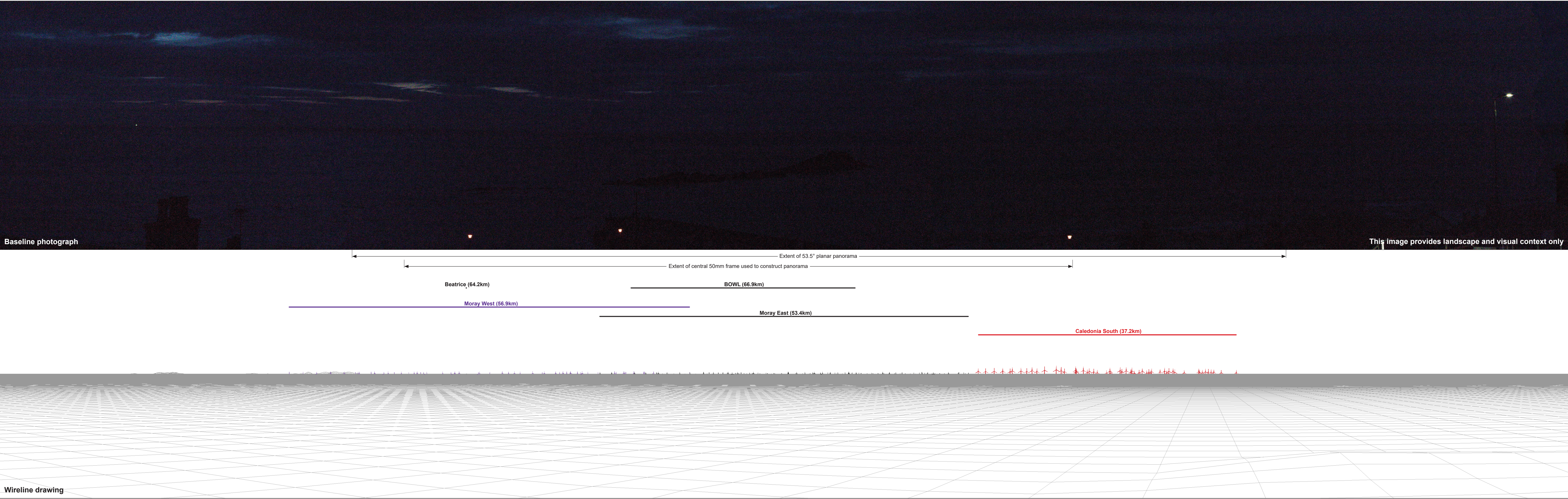


<b>OS reference:</b>	379990 E 864763 N	<b>Horizontal field of view:</b>	53.5° (planar projection)	<b>Camera:</b>	Canon EOS 5D Mark II
<b>Eye level:</b>	22.0 mAOD	<b>Principal distance:</b>	812.5 mm	<b>Lens:</b>	Canon EF 50mm f/1.4
<b>Direction of view:</b>	338°	<b>Paper size:</b>	841 x 297 mm (half A1)	<b>Camera height:</b>	1.5 m
<b>Nearest turbine:</b>	37.25 km	<b>Correct printed image size:</b>	820 x 260 mm	<b>Date and time:</b>	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**





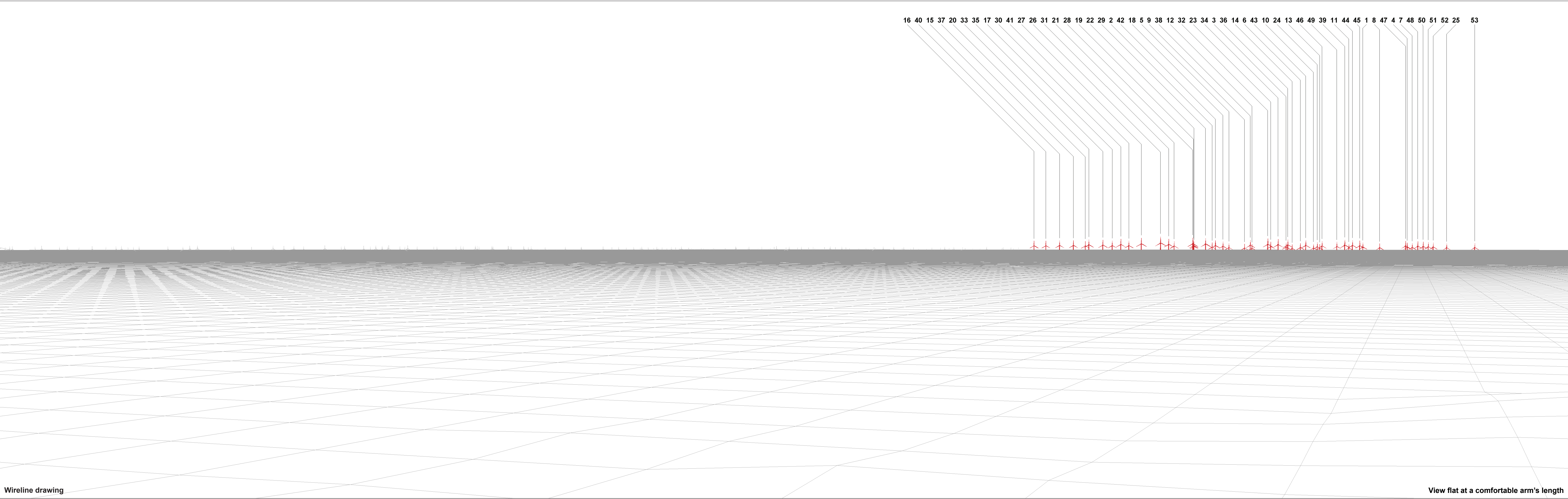
Baseline photograph

This image provides landscape and visual context only

Wireline drawing

OS reference:	379990 E 864763 N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 5D Mark II	Figure: 12.19f
Eye level:	22.0 mAOD	Principal distance:	522 mm	Lens:	Canon EF 50mm f/1.4	Viewpoint 19: Gardenstown, Harbour Road
Direction of view:	336°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m	Caledonia South
Nearest turbine:	37.94 km	Correct printed image size:	820 x 130 mm	Date and time:	19.03.2024 20:12	© Crown copyright, All rights reserved (2023). Licence number 0100031673





Wireline drawing

View flat at a comfortable arm's length

OS reference:	379990 E 864763 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II
Eye level:	22.0 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	338°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Nearest turbine:	37.94 km	Correct printed image size:	820 x 260 mm	Date and time:	19.03.2024 20:12

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

View flat at a comfortable arm's length

OS reference:	379990 E 864763 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II
Eye level:	22.0 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	338°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Nearest turbine:	37.94 km	Correct printed image size:	820 x 260 mm	Date and time:	19.03.2024 20:12

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



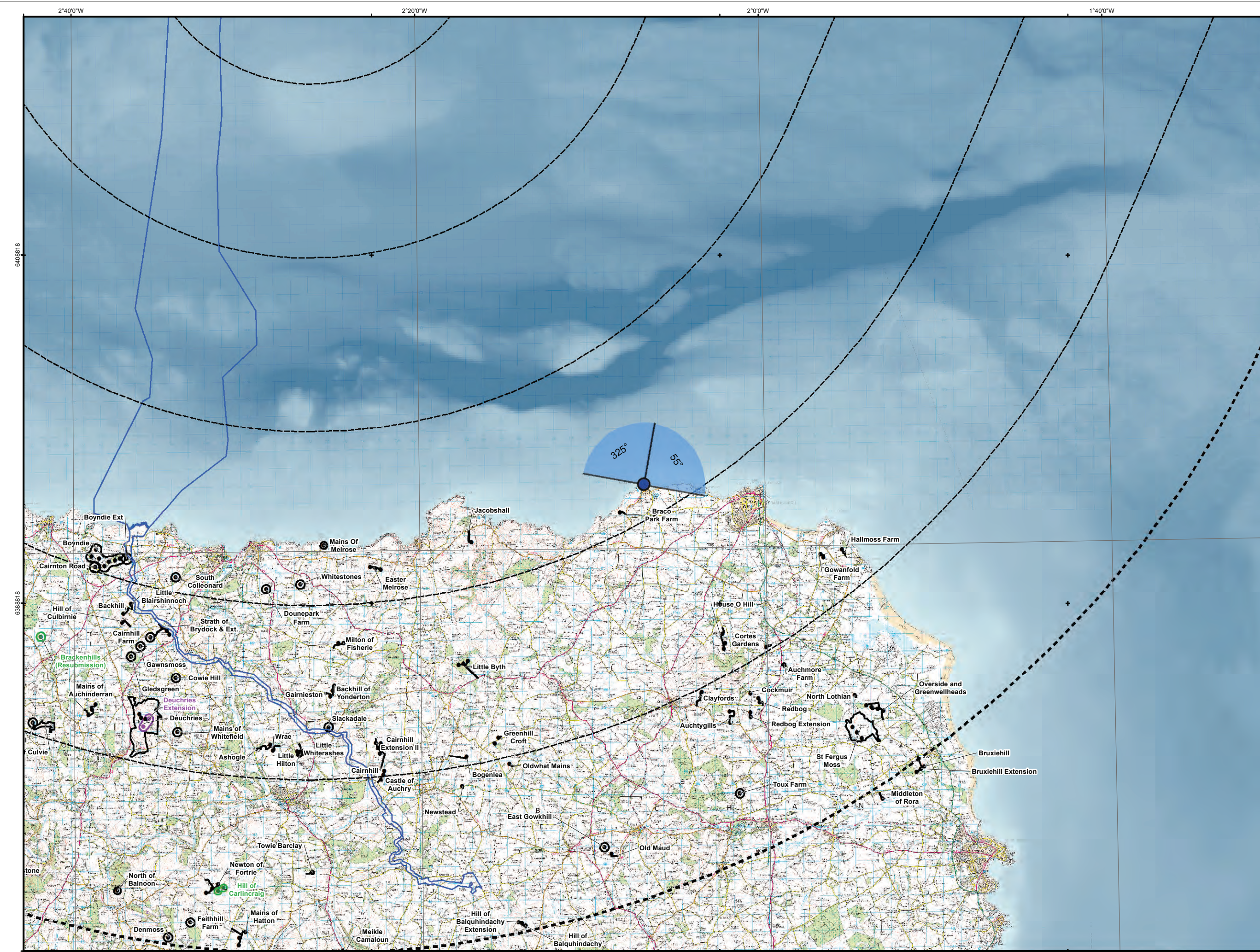


Photomontage: Proposed Development.

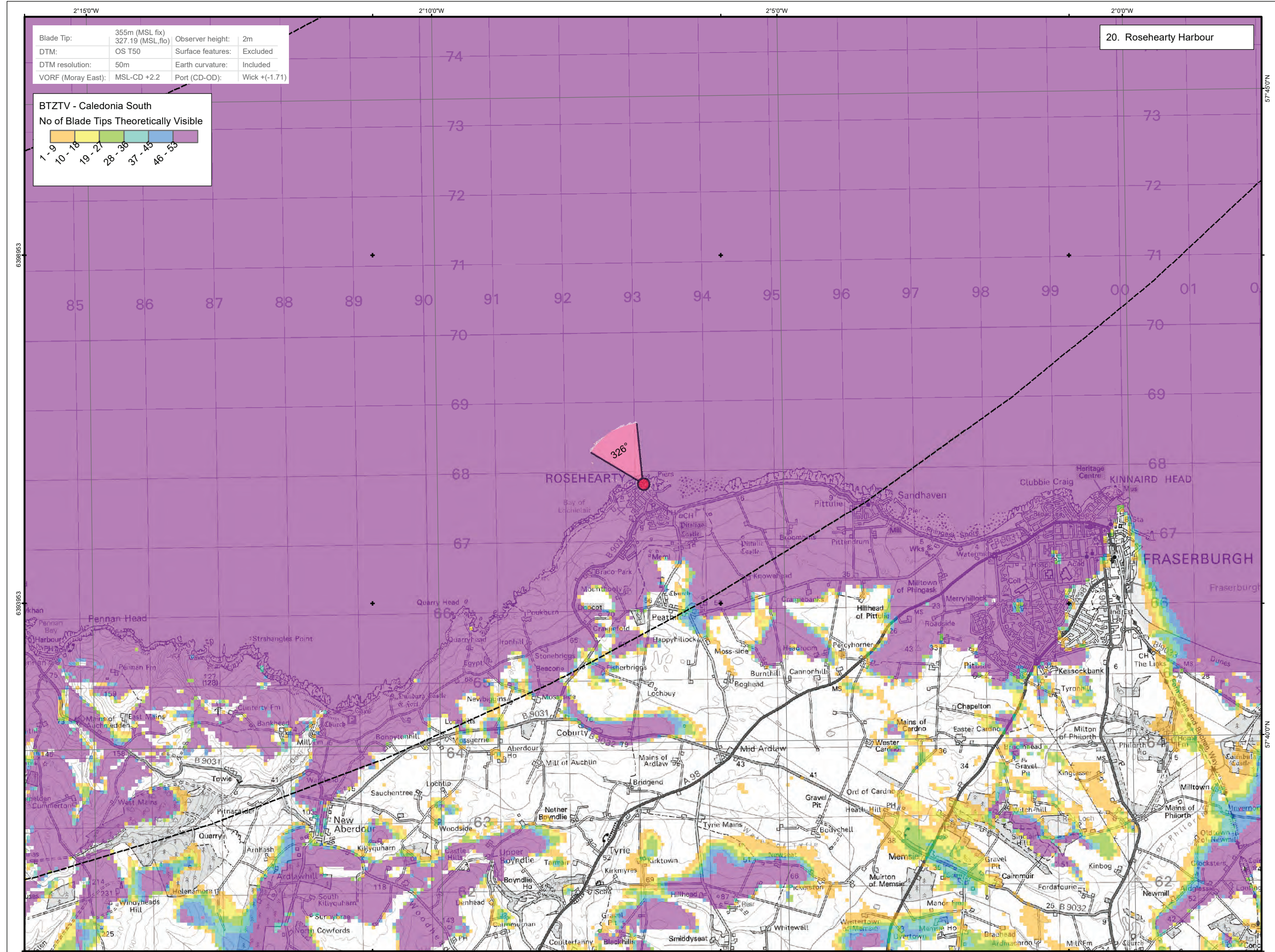
View flat at a comfortable arm's length

OS reference:	379990 E 864763 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II	Operational and Under Construction offshore wind farms have been photomontaged in this view.	Figure: 12.19i Viewpoint 19: Gardenstown, Harbour Road Caledonia South <small>© Crown copyright, All rights reserved (2023). Licence number 0100031673</small>
Eye level:	22.0 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4		
Direction of view:	338°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m		
Nearest turbine:	37.94 km	Correct printed image size:	820 x 260 mm	Date and time:	19.03.2024 20:12		





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



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

90°Field of View

53.5°Field of View

Caledonia South Fixed/Floating

Offshore and Onshore Export Cable Corridor

10km Radii

60km Study Area

Cumulative Windfarms Status:

Operational

Under Construction

Consented

Operational

Under Construction

Consented

Fixed (24 x 25MW)

Floating (29 x 20MW)

OSP's

Caledonia South

Caledonia North

Offshore and Onshore Export Cable Corridor

10km Radii

60km Study Area

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199

Fraserburgh

0 2 4 6 8 10

0 0.5 1 1.5 2

km

km

03

26/09/2024

Approved

RH

LT

LT

02

10/07/2024

For Review

RH

LT

LT

01

10/05/2024

For Review

RH

LT

LT

REV

DATE

DOC STATUS

ORIGIN

REVIEW

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PART OF

SLR

CONTRACTOR DRAWING NO

UKCAL1\_OPN\_WNF\_ENV\_SLV\_MAP\_00152\_03

CONTRACTOR REV

03

GEODETIC PARAMETERS

WGS 1984 UTM Zone 30N (EPSG:32630)

DRAWING TITLE

Figure 12-20a - Viewpoint Plan  
20. Rosehearty Harbour

Caledonia South

STATUS

Approved

SCALE

1:200,000

DRAWING NUMBER

N/A

SHEET NO

20 of 22

REVIEW

N/A

APP

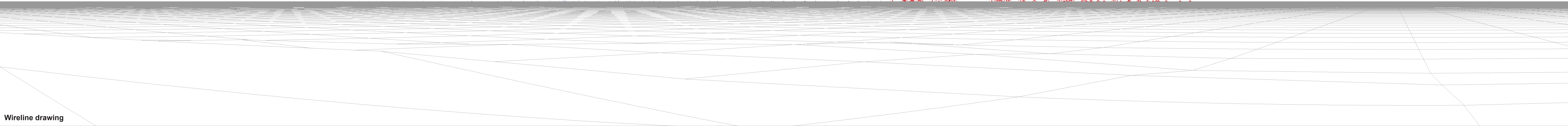
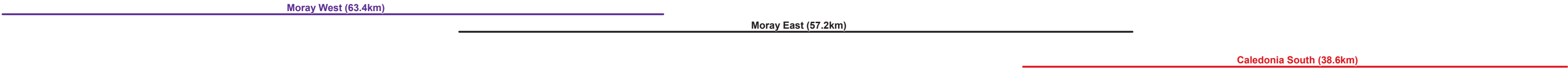
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Baseline photograph

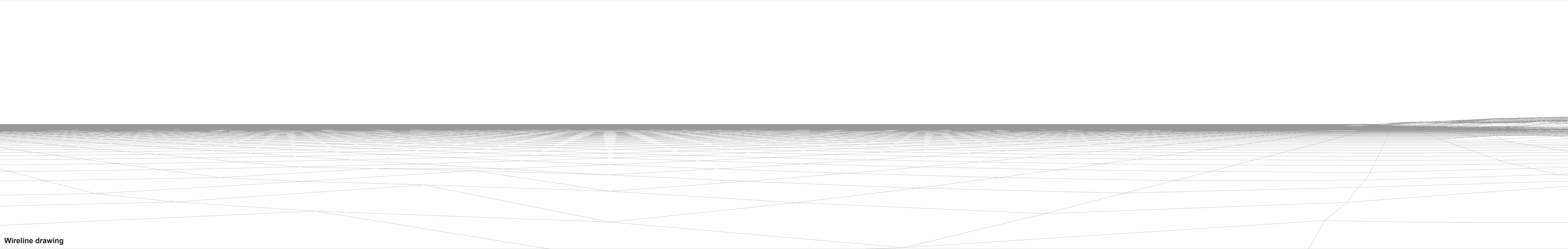
This image provides landscape and visual context only



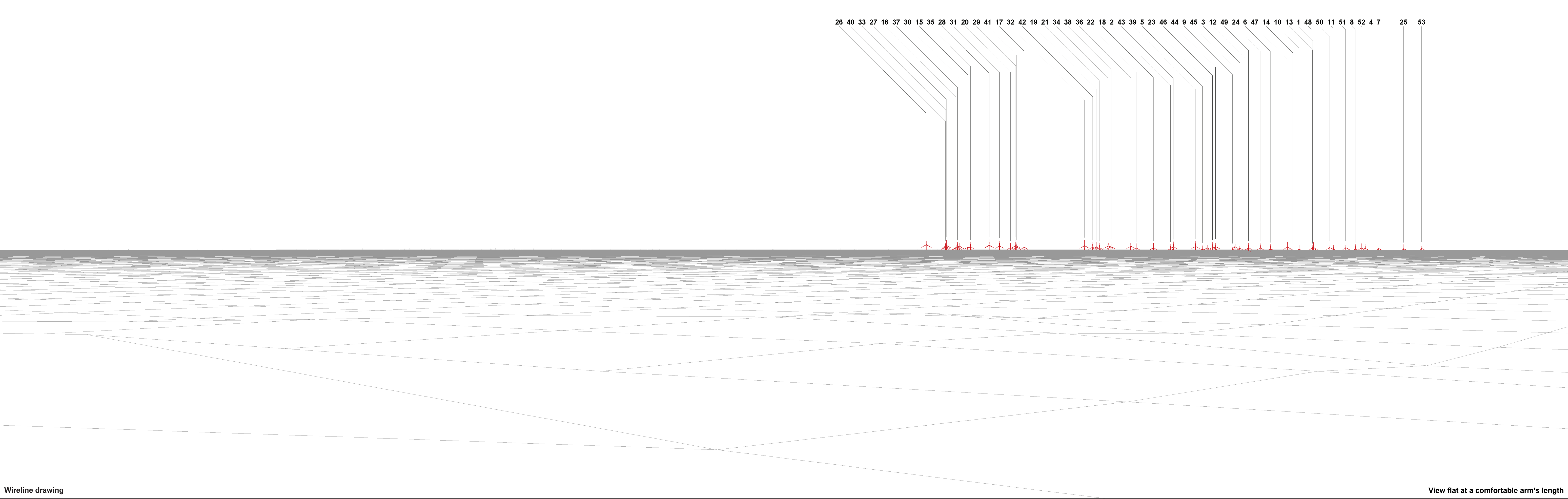
Wireline drawing

<b>OS reference:</b>	393117 E 867817 N	<b>Horizontal field of view:</b>	90° (cylindrical projection)	<b>Camera:</b>	Canon EOS 5D Mark II	<b>Figure: 12.20b</b>
<b>Eye level:</b>	6.1 mAOD	<b>Principal distance:</b>	522 mm	<b>Lens:</b>	Canon EF 50mm f/1.4	<b>Viewpoint 20: Rosehearty Harbour</b>
<b>Direction of view:</b>	325°	<b>Paper size:</b>	841 x 297 mm (half A1)	<b>Camera height:</b>	1.5 m	<b>Caledonia South</b>
<b>Nearest turbine:</b>	38.56 km	<b>Correct printed image size:</b>	820 x 130 mm	<b>Date and time:</b>	17.10.2023 11:02	









Wireline drawing

View flat at a comfortable arm's length

OS reference:	393117 E 867817 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II
Eye level:	6.1 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	326°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Nearest turbine:	38.56 km	Correct printed image size:	820 x 260 mm	Date and time:	17.10.2023 11:02

Figure: 12.20d  
Viewpoint 20: Rosehearty Harbour  
Caledonia South





Baseline photograph.

View flat at a comfortable arm's length

OS reference:	393117 E 867817 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II
Eye level:	6.1 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	326°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Nearest turbine:	38.56 km	Correct printed image size:	820 x 260 mm	Date 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





Photomontage: Proposed Development.

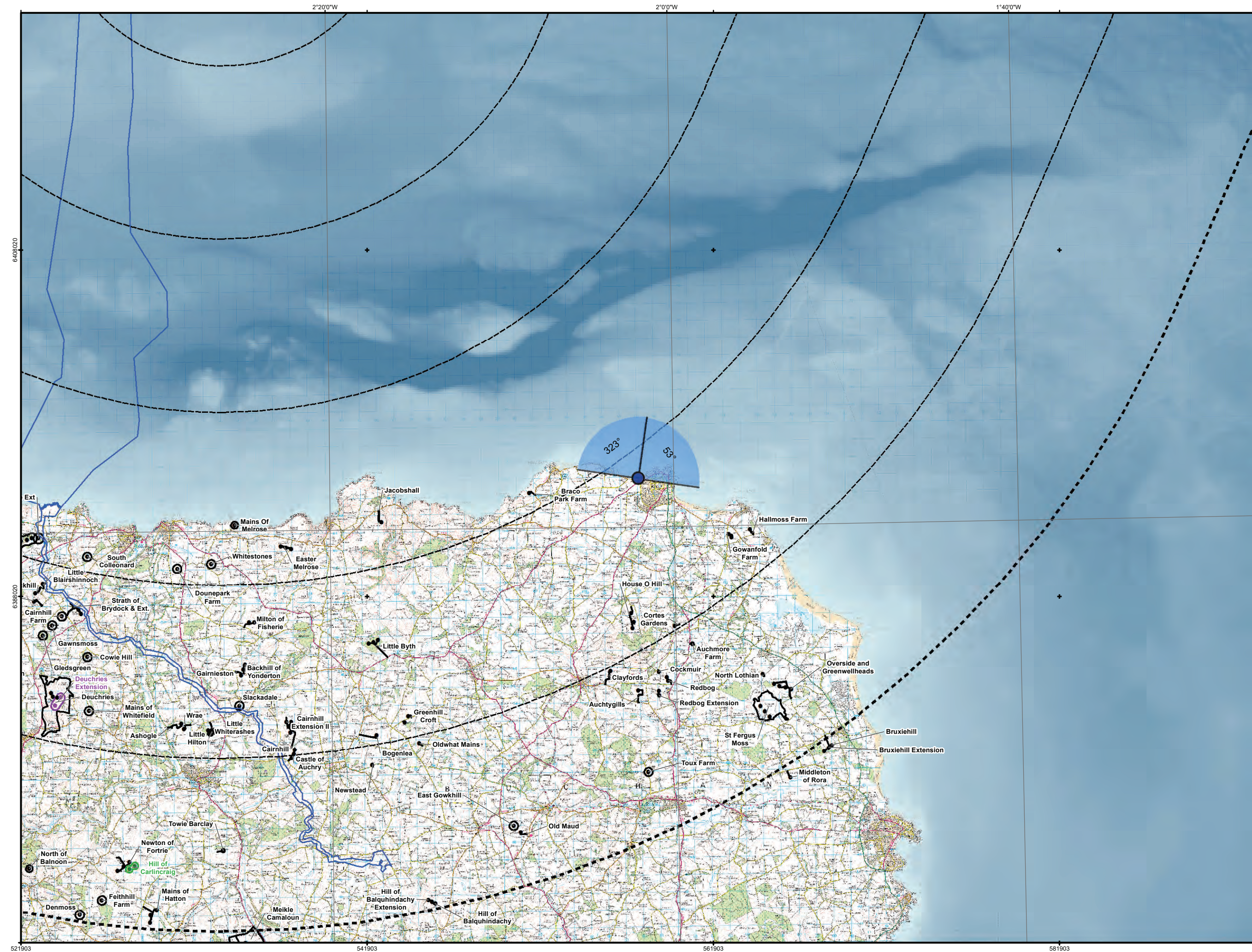
View flat at a comfortable arm's length

OS reference:	393117 E 867817 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II
Eye level:	6.1 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	326°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Nearest turbine:	38.56 km	Correct printed image size:	820 x 260 mm	Date and time:	17.10.2023 11:02

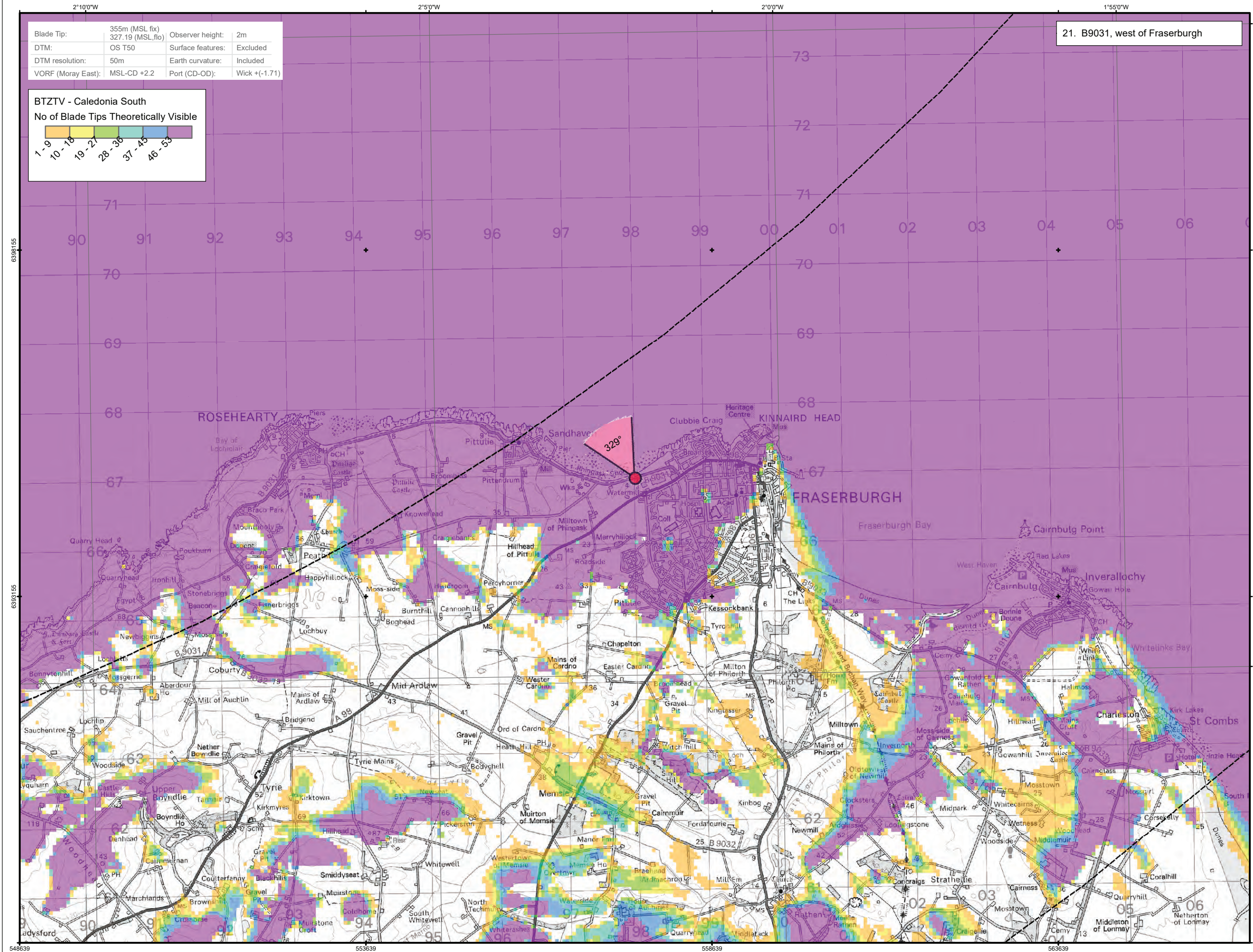
Operational and Under Construction offshore wind farms have been photomontaged in this view.

Figure: 12.20f  
Viewpoint 20: Rosehearty Harbour  
Caledonia South





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



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

90°Field of View

53.5°Field of View

Caledonia South

Fixed/Floating

Fixed (24 x 25MW)

Floating (29 x 20MW)

OSP's

Caledonia South

Caledonia North

Offshore and Onshore Export Cable Corridor

10km Radii

60km Study Area

Cumulative Windfarms Status:

Operational

Under Construction

Consented

Operational

Under Construction

Consented

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199

0

2

4

6

8

10

0

0.5

1

1.5

2

km

km

03	26/09/2024	Approved	RH	LT	LT
02	10/07/2024	For Review	RH	LT	LT
01	10/05/2024	For Review	RH	LT	LT
REV	DATE	DOC STATUS	ORIGIN	REVIEW	APP

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PART OF SLR

CONTRACTOR DRAWING NO  
UKCAL1\_OPN\_WNF\_ENV\_SLV\_MAP\_00153\_03

CONTRACTOR REV

GEOMETRIC PARAMETERS  
WGS 1984 UTM Zone 30N (EPSG:32630)

DRAWING TITLE  
Figure 12-21a - Viewpoint Plan  
21. B9031, west of Fraserburgh

STATUS  
Approved

DRAWING NUMBER  
N/A

SCALE  
1:200,000  
1:50,000

SHEET NO  
21 of 22

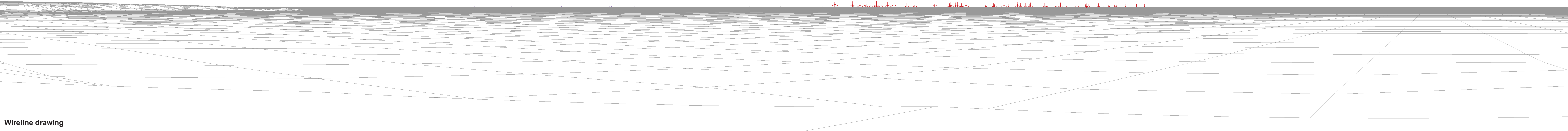
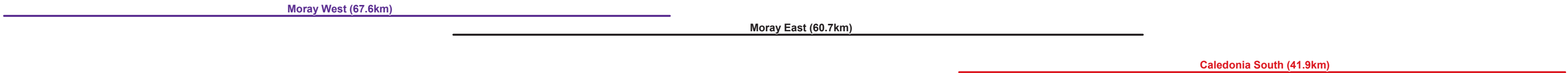
REV  
N/A





Baseline photograph

This image provides landscape and visual context only



Wireline drawing

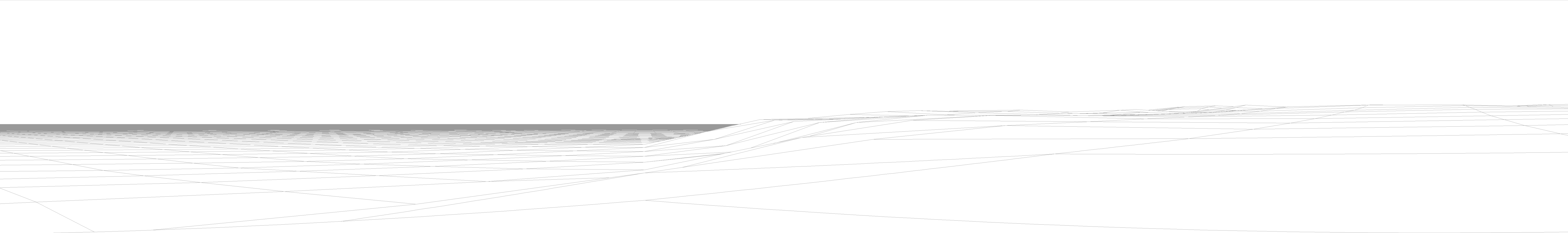
<b>OS reference:</b>	398007 E 866947 N	<b>Horizontal field of view:</b>	90° (cylindrical projection)	<b>Camera:</b>	Canon EOS 5D Mark II	<b>Figure: 12.21b</b>
<b>Eye level:</b>	6.5 mAOD	<b>Principal distance:</b>	522 mm	<b>Lens:</b>	Canon EF 50mm f/1.4	<b>Viewpoint 21: B9031, west of Fraserburgh</b>
<b>Direction of view:</b>	323°	<b>Paper size:</b>	841 x 297 mm (half A1)	<b>Camera height:</b>	1.5 m	<b>Caledonia South</b>
<b>Nearest turbine:</b>	41.86 km	<b>Correct printed image size:</b>	820 x 130 mm	<b>Date and time:</b>	17.10.2023 11:25	© Crown copyright, All rights reserved (2023). Licence number 0100031673





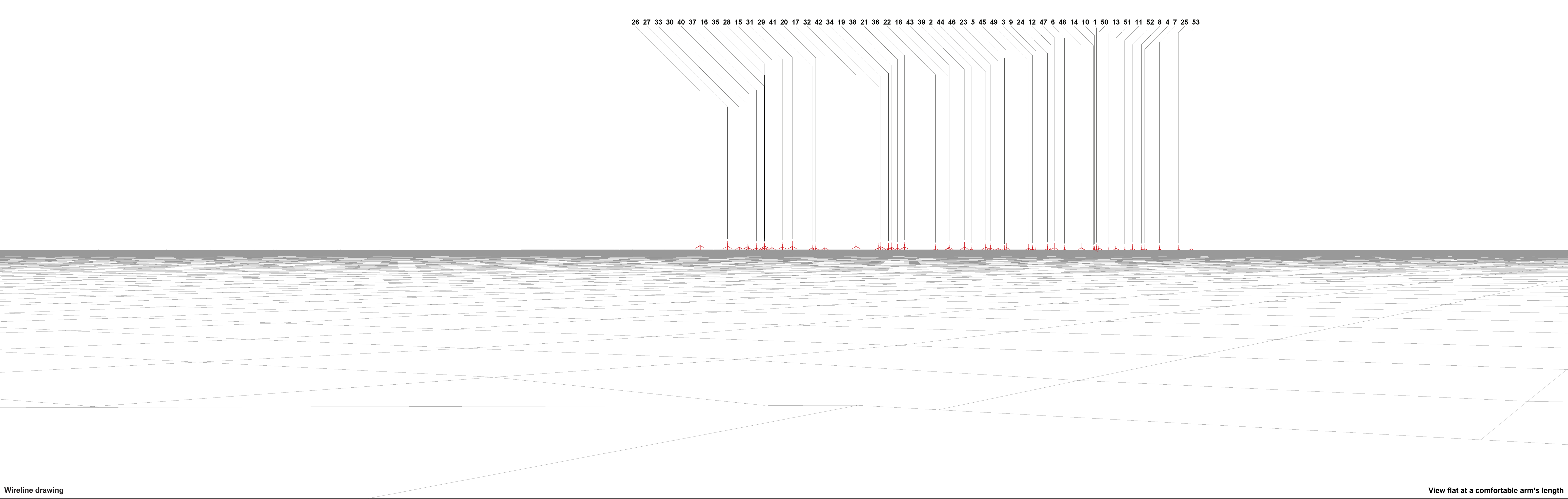
Baseline photograph

This image provides landscape and visual context only



Wireline drawing









Baseline photograph.

View flat at a comfortable arm's length

OS reference:	398007 E 866947 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II
Eye level:	6.5 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	329°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Nearest turbine:	41.86 km	Correct printed image size:	820 x 260 mm	Date and time:	17.10.2023 11:25

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

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





Photomontage: Proposed Development.

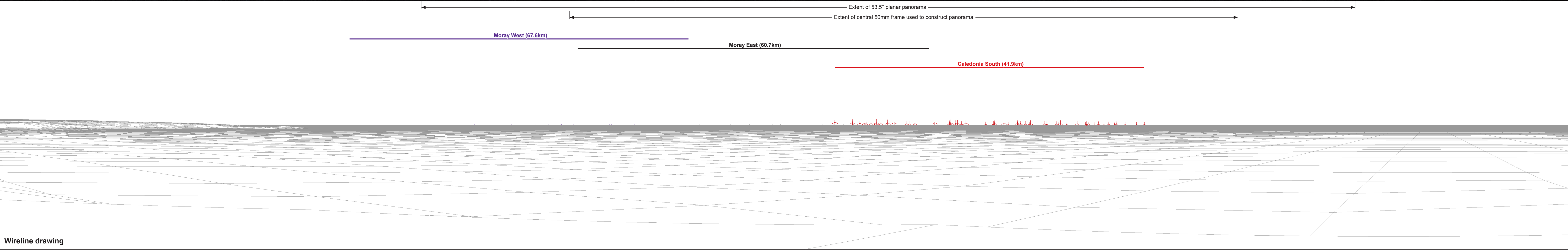
View flat at a comfortable arm's length

OS reference:	398007 E 866947 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II
Eye level:	6.5 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	329°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Nearest turbine:	41.86 km	Correct printed image size:	820 x 260 mm	Date 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





<b>OS reference:</b>	398007 E 866947 N	<b>Horizontal field of view:</b>	90° (cylindrical projection)	<b>Camera:</b>	Canon EOS 5D Mark II	<b>Figure: 12.21g</b> <b>Viewpoint 21: B9031, west of Fraserburgh</b> <b>Caledonia South</b>
<b>Eye level:</b>	6.5 mAOD	<b>Principal distance:</b>	522 mm	<b>Lens:</b>	Canon EF 50mm f/1.4	
<b>Direction of view:</b>	323°	<b>Paper size:</b>	841 x 297 mm (half A1)	<b>Camera height:</b>	1.5 m	
<b>Nearest turbine:</b>	41.86 km	<b>Correct printed image size:</b>	820 x 130 mm	<b>Date and time:</b>	08.09.2023 20:24	

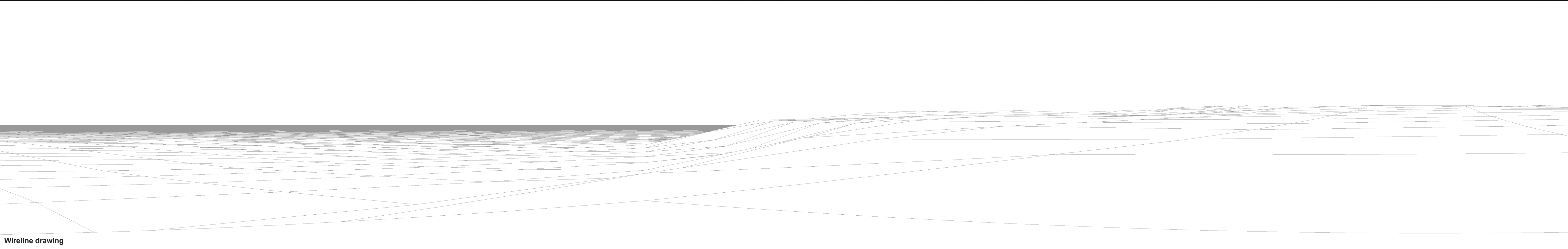
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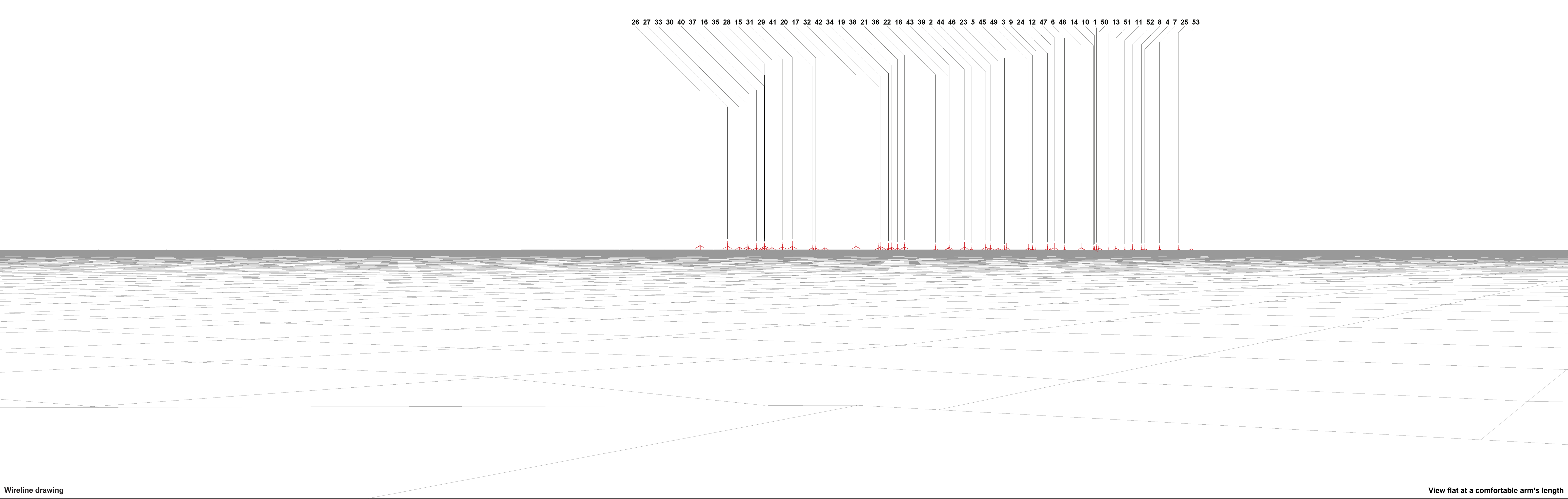
Baseline photograph

This image provides landscape and visual context only



Wireline drawing









Baseline photograph.

View flat at a comfortable arm's length

OS reference:	398007 E 866947 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II
Eye level:	6.5 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	329°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Nearest turbine:	41.86 km	Correct printed image size:	820 x 260 mm	Date and time:	08.09.2023 20:24

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





Photomontage: Proposed Development.

View flat at a comfortable arm's length

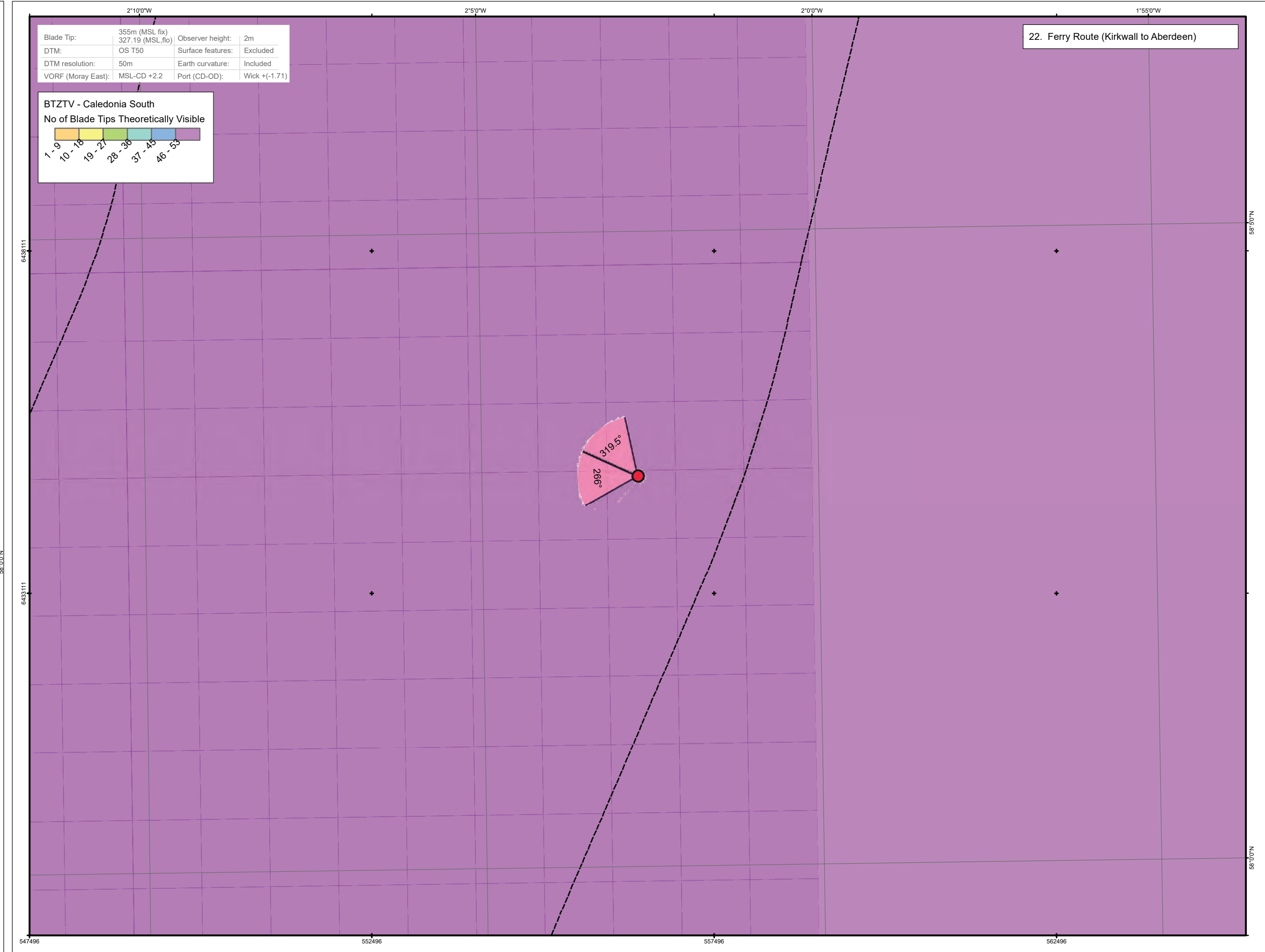
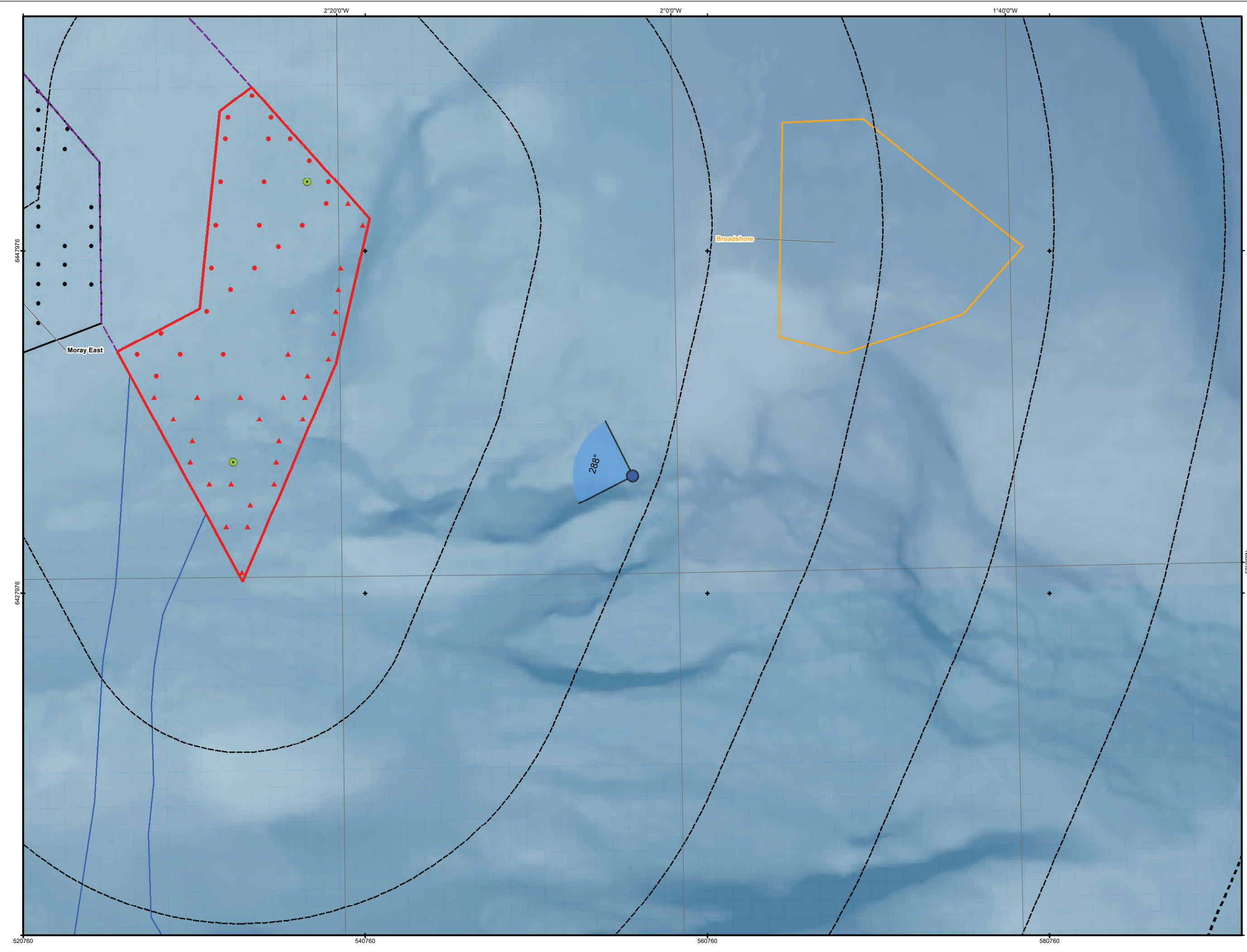
OS reference:	398007 E 866947 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mark II
Eye level:	6.5 mAOD	Principal distance:	812.5 mm	Lens:	Canon EF 50mm f/1.4
Direction of view:	329°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m
Nearest turbine:	41.86 km	Correct printed image size:	820 x 260 mm	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

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90°Field of View

53.5°Field of View

Caledonia South

Fixed/Floating

Fixed (24 x 25MW)

Floating (29 x 20MW)

OSP

Caledonia South

Caledonia North

Offshore and Onshore Export Cable Corridor

10km Radii

60km Study Area

Cumulative Windfarms Status:

Operational

Operational

Scoping

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0 2 4 6 8 10

0 0.5 1 1.5 2

km

03	26/09/2024	Approved	RH	LT	LT
02	10/07/2024	For Review	RH	LT	LT
01	10/05/2024	For Review	RH	LT	LT
REV	DATE	DOC STATUS	ORIGIN	REVIEW	APP

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PART OF

SLR

CONTRACTOR DRAWING NO

UKCAL1\_OPN\_WNF\_ENV\_SLV\_MAP\_00154

CONTRACTOR REV

03

GEODETIC PARAMETERS

WGS 1984 UTM Zone 30N (EPSG:32630)

DRAWING TITLE

Figure 12-22a - Viewpoint Plan  
22. Ferry Route (Kirkwall to Aberdeen)

Caledonia South

STATUS

Approved

SCALE

1:200,000

DRAWING NUMBER

N/A

SHEET NO

22 of 22

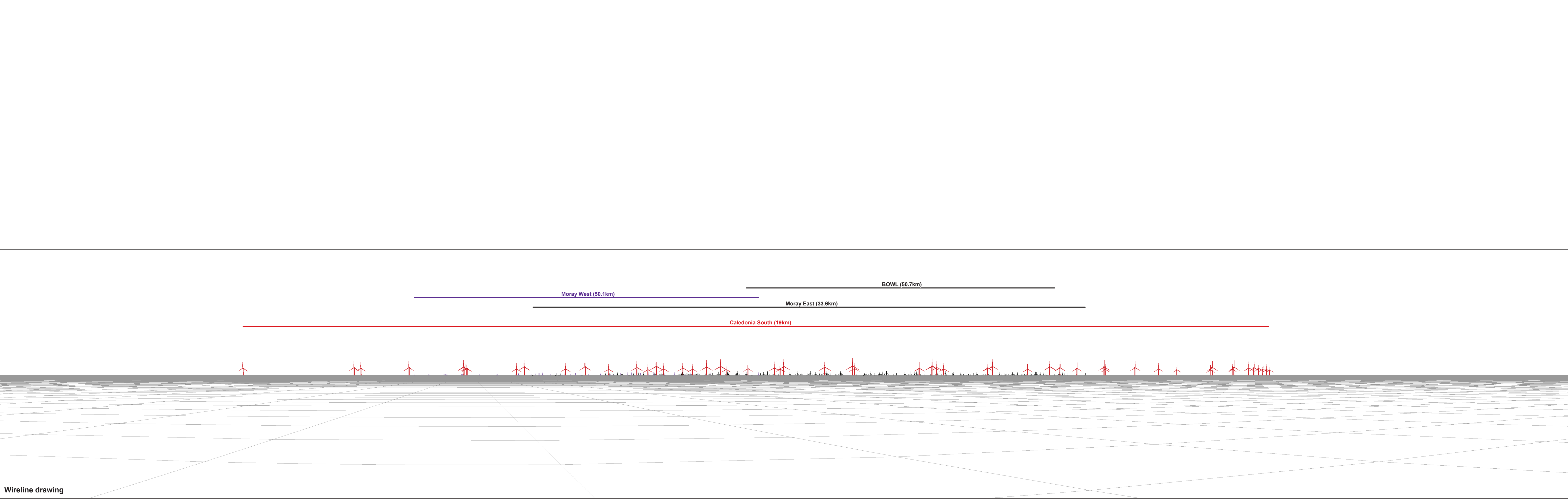
REV

N/A

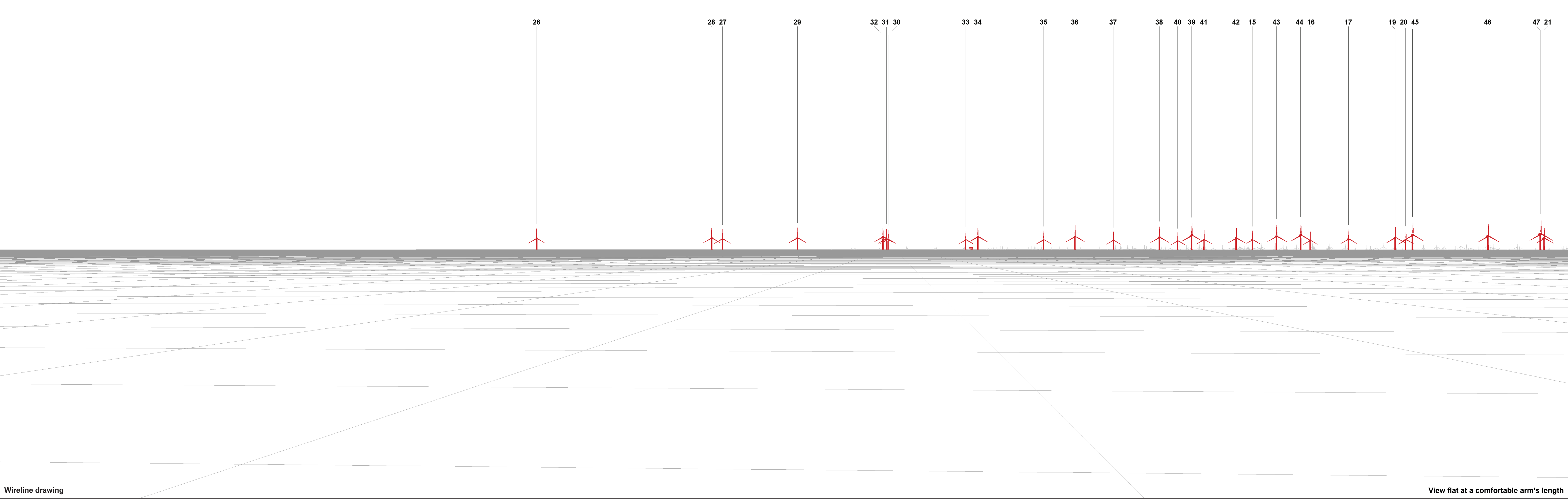
APP

N/A

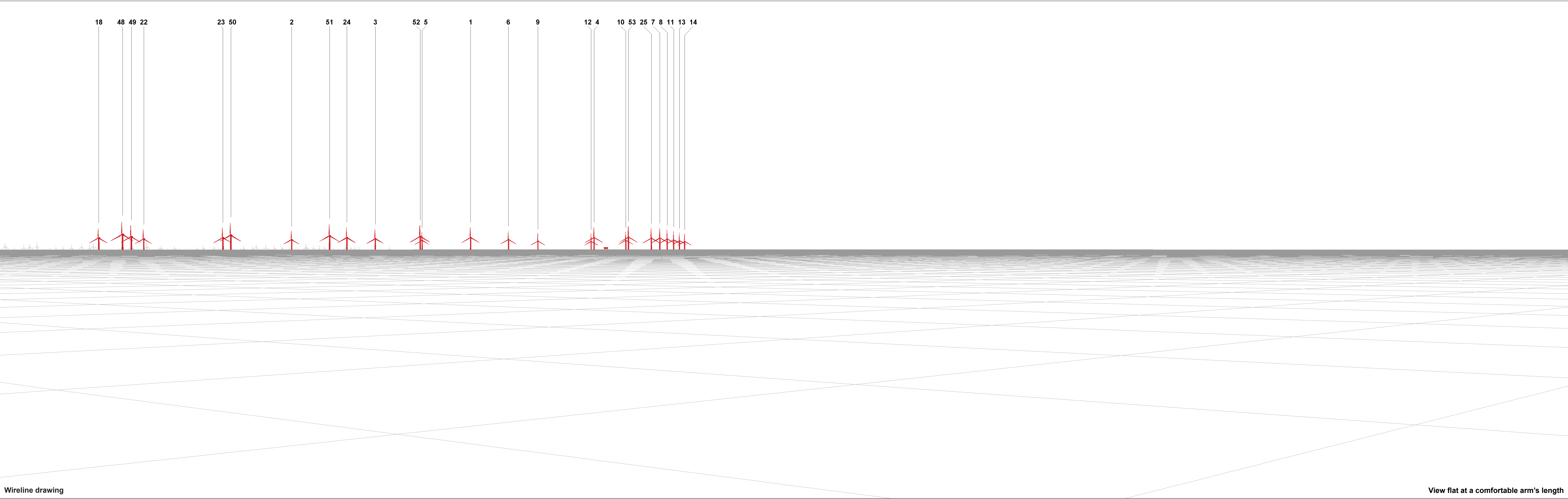












Wireline drawing

View flat at a comfortable arm's length

OS reference: 397455 E 906915 N  
Eye level: 5.0 mAOOD  
Direction of view: 319.5°  
Nearest turbine: 19.05 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: 5 m  
Date and time: 00.00.2024 00:00

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

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