



**Code:** UKCAL-CWF-CON-EIA-RPT-00007-7C07

## **Volume 7C Caledonia North 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-00007-7C07  
**Rev:** Issued  
**Date:** 18 October 2024

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

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

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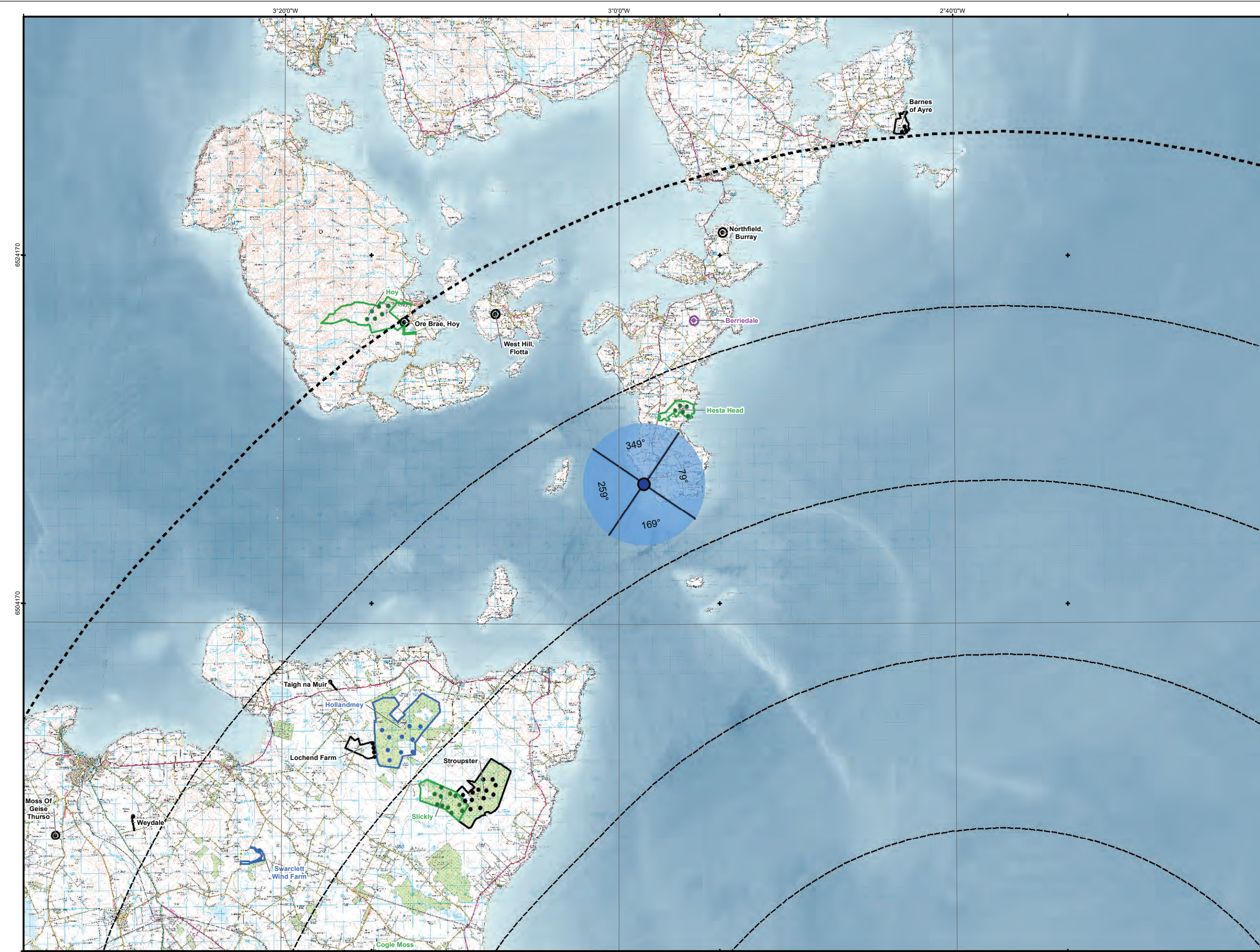
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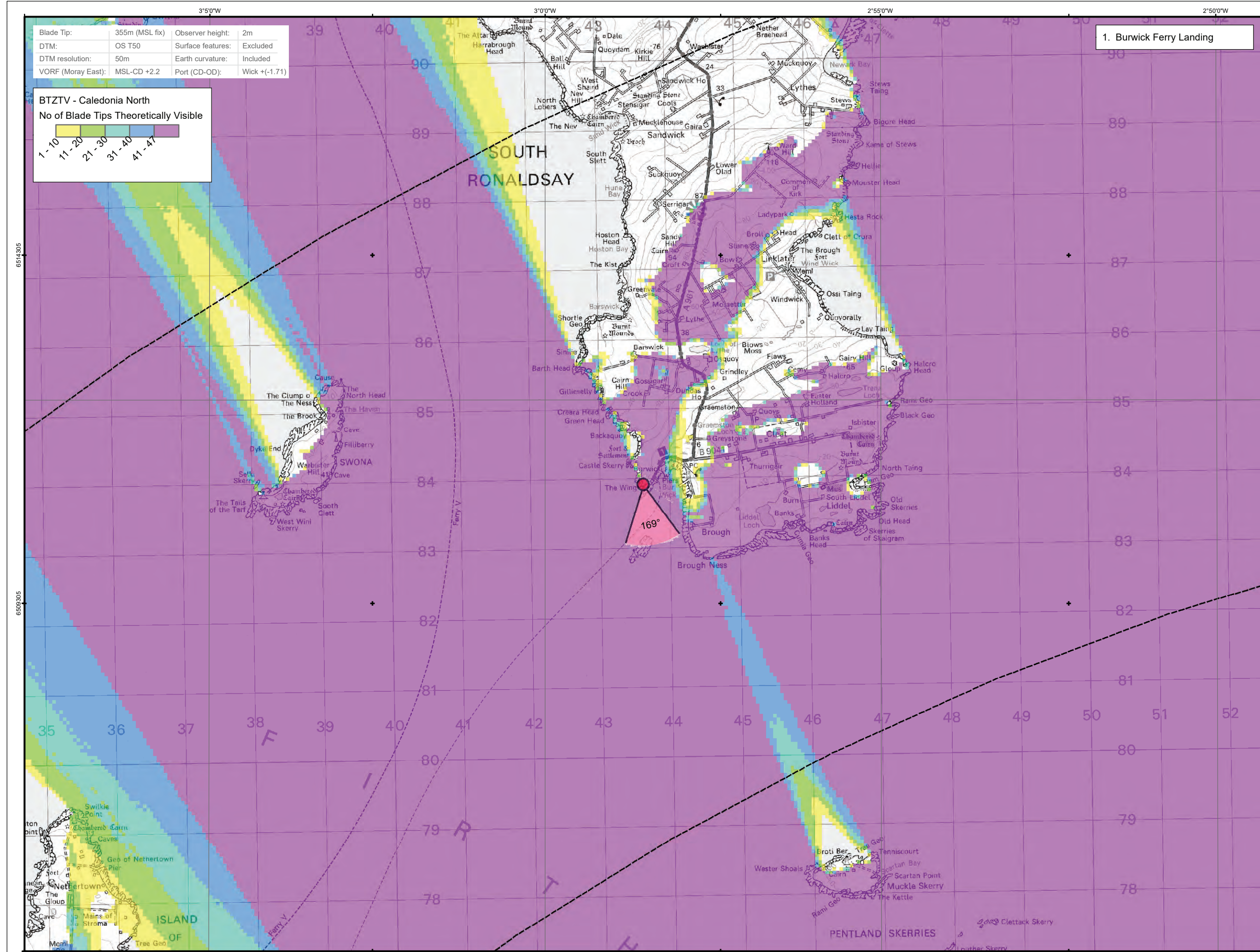
# Acronyms and Abbreviations

|              |  |
|--------------|--|
| <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 North Fixed

OSP

Caledonia North

Caledonia South

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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Scapa Flow

Orkney Islands

Pentland Firth

South Ronaldsay

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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UKCAL1\_OPN\_WNF\_ENV\_SLV\_MAP\_00110

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03

GEODETIC PARAMETERS

WGS 1984 UTM Zone 30N (EPSG:32630)

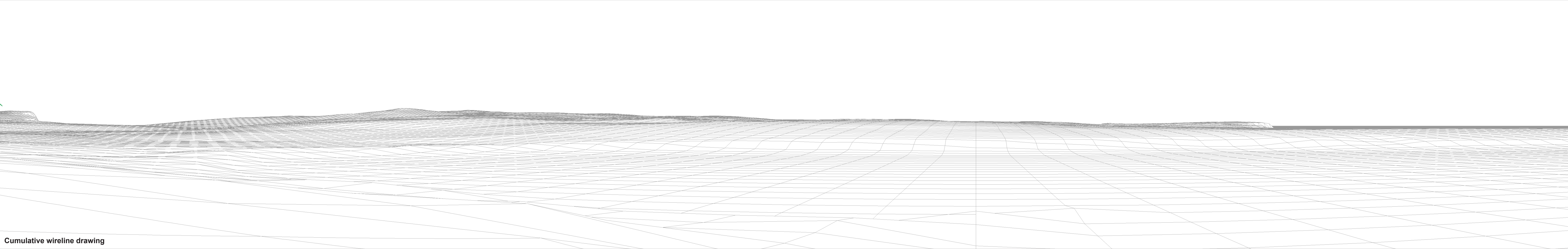
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Figure 12-1a - Viewpoint Plan  
1. Burwick Ferry Landing

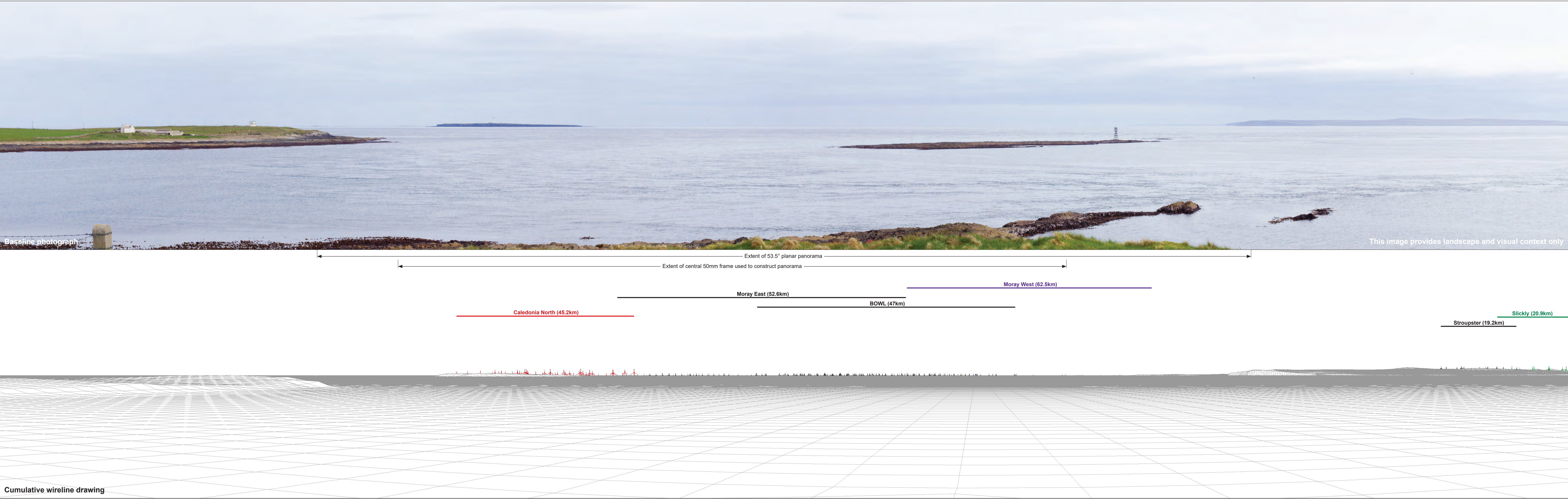
Caledonia North

|                |          |          |                       |
|----------------|----------|----------|-----------------------|
| STATUS         | Approved | SCALE    | 1:200,000<br>1:50,000 |
| DRAWING NUMBER | N/A      | SHEET NO | 01 of 22              |
|                |          | REV      | N/A                   |









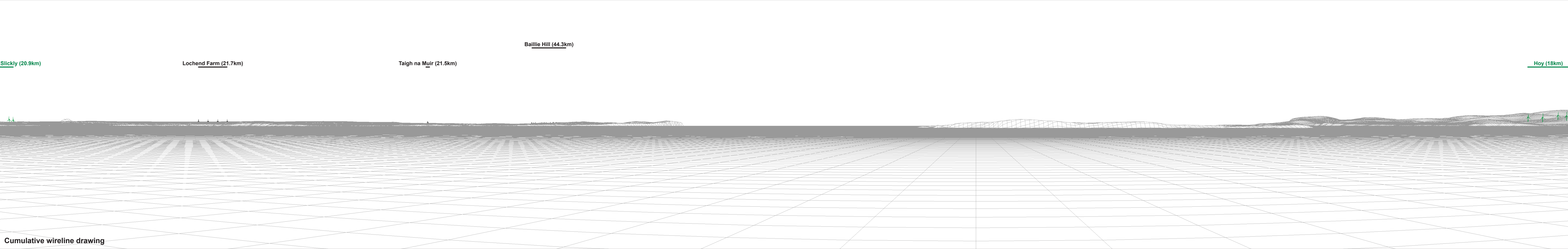
**Figure: 12.1c**  
**Viewpoint 1: Burwick Ferry Landing**  
**Caledonia North**





Baseline photograph

This image provides landscape and visual context only



Cumulative wireline drawing

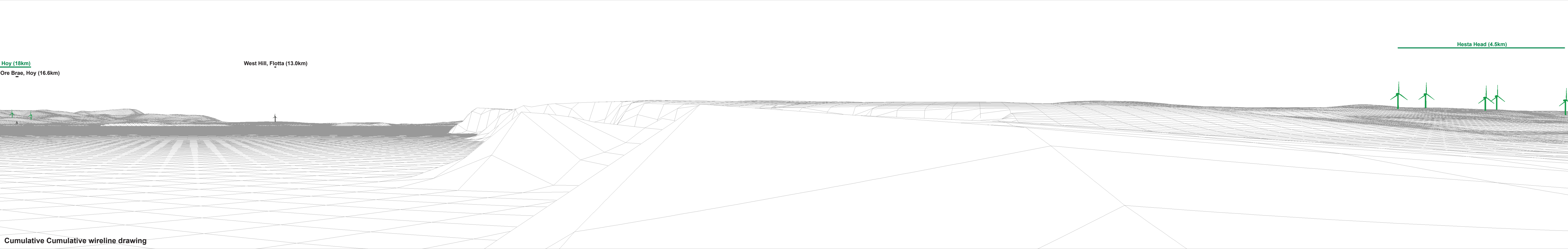
|                    |                   |                             |                              |                |                      |                                    |
|--------------------|-------------------|-----------------------------|------------------------------|----------------|----------------------|------------------------------------|
| OS reference:      | 343617 E 983920 N | Horizontal field of view:   | 90° (cylindrical projection) | Camera:        | Canon EOS 5D Mark II | Figure: 12.1d                      |
| Eye level:         | 14.91 mAOD        | Principal distance:         | 522 mm                       | Lens:          | Canon EF 50mm f/1.4  | Viewpoint 1: Burwick Ferry Landing |
| Direction of view: | 259°              | Paper size:                 | 841 x 297 mm (half A1)       | Camera height: | 1.5 m                | Caledonia North                    |
| Nearest turbine:   | 45.24 km          | Correct printed image size: | 820 x 130 mm                 | Date and time: | 07.05.2024 16:03     |                                    |



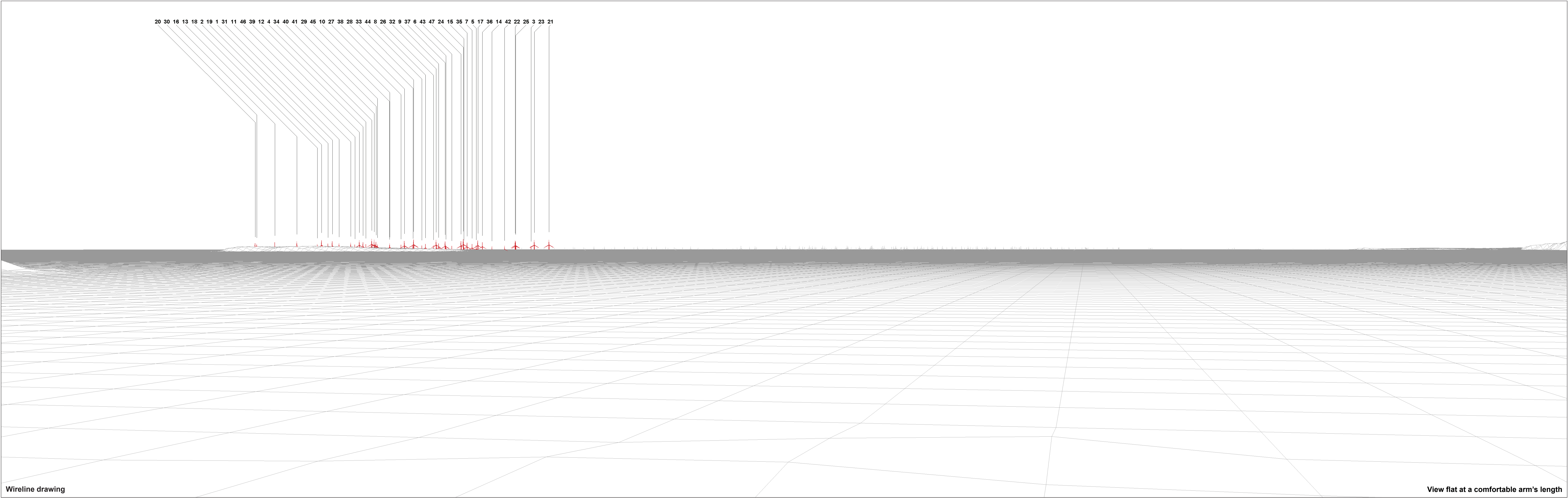


Baseline photograph

This image provides landscape and visual context only







Wireline drawing

View flat at a comfortable arm's length





Baseline photograph.

View flat at a comfortable arm's length

|                    |                   |                             |                           |                |                      |
|--------------------|-------------------|-----------------------------|---------------------------|----------------|----------------------|
| OS reference:      | 343617 E 983920 N | Horizontal field of view:   | 53.5° (planar projection) | Camera:        | Canon EOS 5D Mark II |
| Eye level:         | 14.91 mAOD        | Principal distance:         | 812.5 mm                  | Lens:          | Canon EF 50mm f/1.4  |
| Direction of view: | 169°              | Paper size:                 | 841 x 297 mm (half A1)    | Camera height: | 1.5 m                |
| Nearest turbine:   | 45.24 km          | Correct printed image size: | 820 x 260 mm              | Date and time: | 07.05.2024 16:03     |

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

Figure: 12.1g  
Viewpoint 1: Burwick Ferry Landing  
Caledonia North





Photomontage: Proposed Development.

View flat at a comfortable arm's length

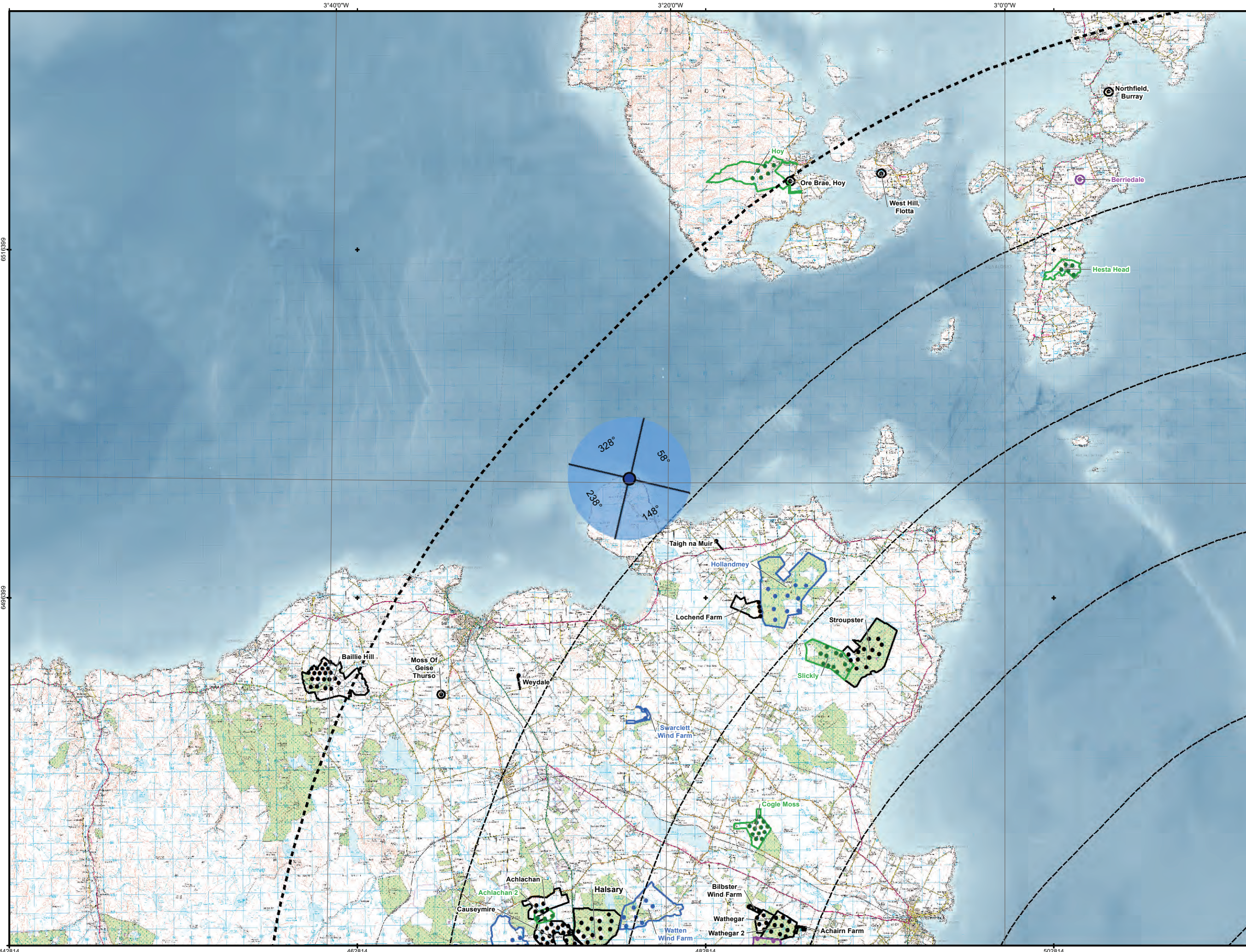
|                    |                   |                             |                           |                |                      |
|--------------------|-------------------|-----------------------------|---------------------------|----------------|----------------------|
| OS reference:      | 343617 E 983920 N | Horizontal field of view:   | 53.5° (planar projection) | Camera:        | Canon EOS 5D Mark II |
| Eye level:         | 14.91 mAOD        | Principal distance:         | 812.5 mm                  | Lens:          | Canon EF 50mm f/1.4  |
| Direction of view: | 169°              | Paper size:                 | 841 x 297 mm (half A1)    | Camera height: | 1.5 m                |
| Nearest turbine:   | 45.24 km          | Correct printed image size: | 820 x 260 mm              | Date and time: | 07.05.2024 16:03     |

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

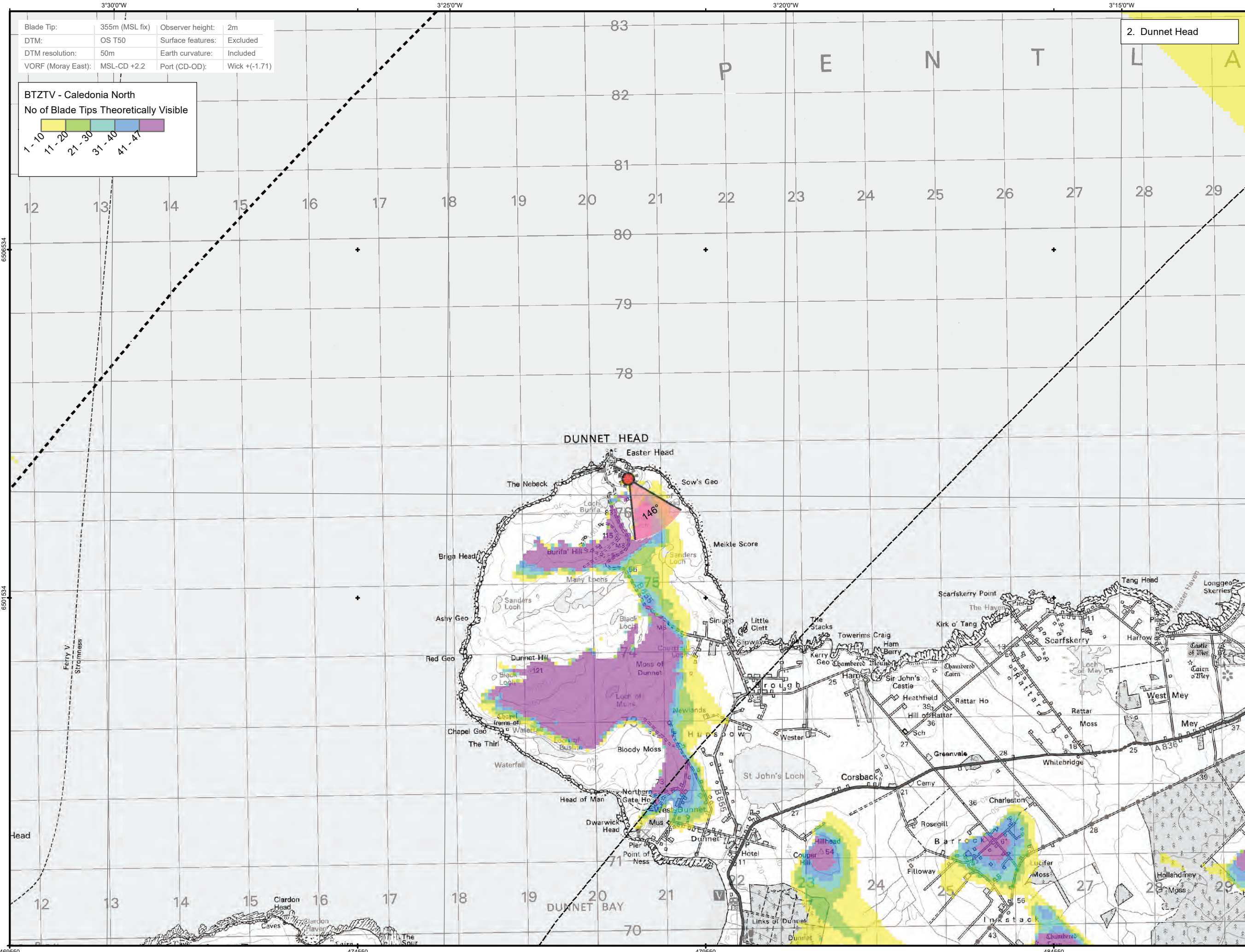
Figure: 12.1h  
Viewpoint 1: Burwick Ferry Landing  
Caledonia North

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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 North Fixed

OSP

Caledonia North

Caledonia South

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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Pentland Firth

Kyle Rann

Shetland

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  |
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CONTRACTOR REV

03

GEODETIC PARAMETERS

WGS 1984 UTM Zone 30N (EPSG:32630)

DRAWING TITLE

Figure 12-2a - Viewpoint Plan  
2. Dunnet Head

Caledonia North

STATUS

Approved

SCALE

1:200,000  
1:50,000

DRAWING NUMBER

N/A

SHEET NO

02 of 22

REV

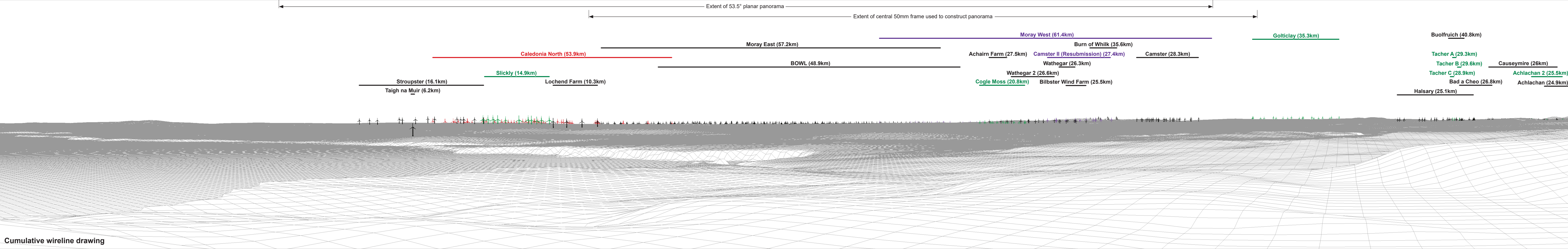
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Baseline photograph

This image provides landscape and visual context only



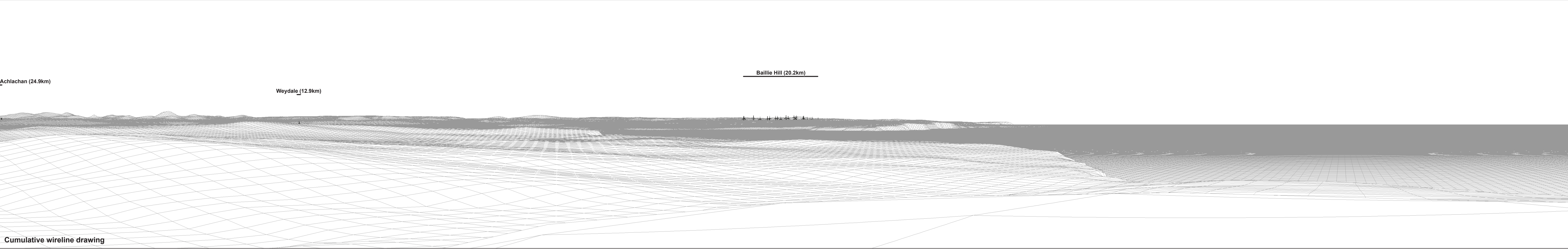
Cumulative wireline drawing





Excelling glower.com

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Cumulative wireline drawing

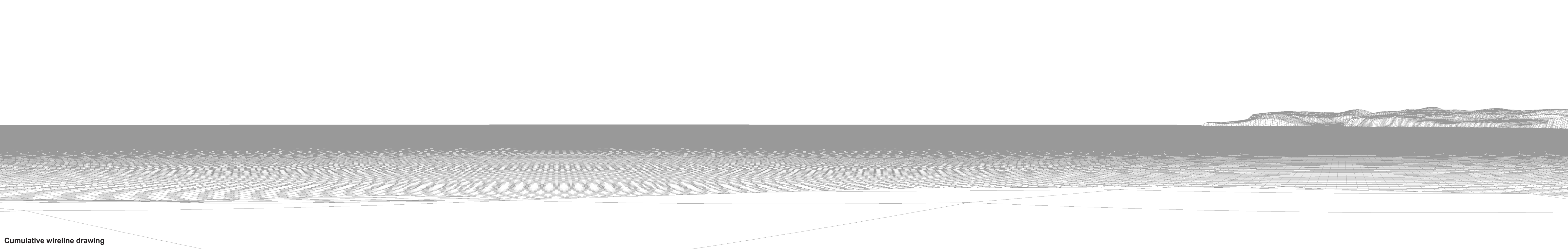
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|--------------------|-------------------|-----------------------------|------------------------------|----------------|----------------------|--|
| OS reference:      | 320531 E 976492 N | Horizontal field of view:   | 90° (cylindrical projection) | Camera:        | Canon EOS 5D Mark II | Figure: 12.2c  |
| Eye level:         | 128.8 mAOD        | Principal distance:         | 522 mm                       | Lens:          | Canon EF 50mm f/1.4  | Viewpoint 2: Dunnet Head   |
| Direction of view: | 238°              | Paper size:                 | 841 x 297 mm (half A1)       | Camera height: | 1.5 m                | Caledonia North  |
| Nearest turbine:   | 53.87 km          | Correct printed image size: | 820 x 130 mm                 | Date and time: | 17.10.2023 12:48     | © Crown copyright, All rights reserved (2023). Licence number 0100031673 |





Baseline photograph

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Cumulative wireline drawing

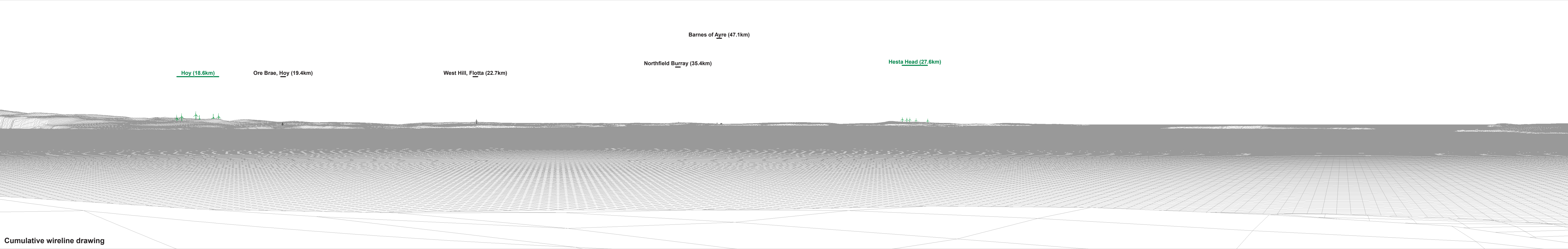
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|--------------------|-------------------|-----------------------------|------------------------------|----------------|----------------------|--|
| OS reference:      | 320531 E 976492 N | Horizontal field of view:   | 90° (cylindrical projection) | Camera:        | Canon EOS 5D Mark II | Figure: 12.2d  |
| Eye level:         | 128.8 mAOD        | Principal distance:         | 522 mm                       | Lens:          | Canon EF 50mm f/1.4  | Viewpoint 2: Dunnet Head   |
| Direction of view: | 328°              | Paper size:                 | 841 x 297 mm (half A1)       | Camera height: | 1.5 m                | Caledonia North  |
| Nearest turbine:   | 53.87 km          | Correct printed image size: | 820 x 130 mm                 | Date and time: | 17.10.2023 12:48     | © Crown copyright, All rights reserved (2023). Licence number 0100031673 |





Baseline photograph

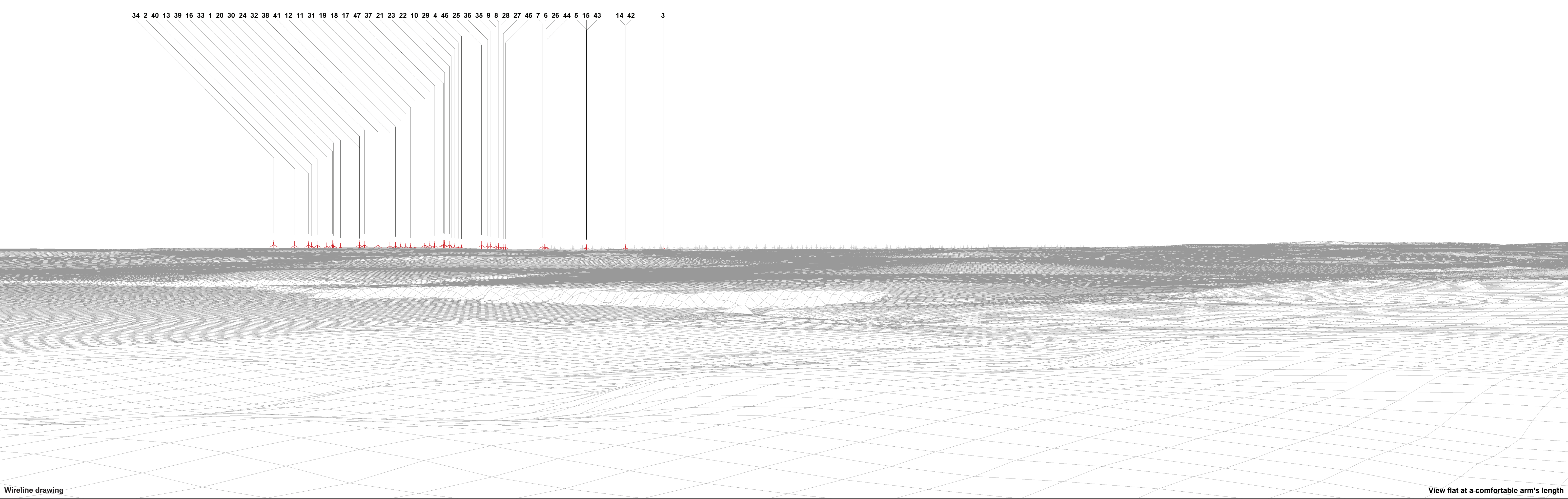
This image provides landscape and visual context only



Cumulative wireline drawing

|                    |                   |                             |                              |                |                      |                          |
|--------------------|-------------------|-----------------------------|------------------------------|----------------|----------------------|--------------------------|
| OS reference:      | 320531 E 976492 N | Horizontal field of view:   | 90° (cylindrical projection) | Camera:        | Canon EOS 5D Mark II | Figure: 12.2e            |
| Eye level:         | 128.8 mAOD        | Principal distance:         | 522 mm                       | Lens:          | Canon EF 50mm f/1.4  | Viewpoint 2: Dunnet Head |
| Direction of view: | 58°               | Paper size:                 | 841 x 297 mm (half A1)       | Camera height: | 1.5 m                | Caledonia North          |
| Nearest turbine:   | 53.87 km          | Correct printed image size: | 820 x 130 mm                 | Date and time: | 17.10.2023 12:48     |                          |





Wireline drawing

View flat at a comfortable arm's length





Baseline photograph.

View flat at a comfortable arm's length

|                           |                   |                                    |                           |                       |                      |   |   |
|---------------------------|-------------------|------------------------------------|---------------------------|-----------------------|----------------------|---|---|
| <b>OS reference:</b>      | 320531 E 976492 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: 12.2g</b><br><b>Viewpoint 2: Dunnet Head</b><br><b>Caledonia North</b> |
| <b>Eye level:</b>         | 128.8 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>   | 53.87 km          | <b>Correct printed image size:</b> | 820 x 260 mm              | <b>Date and time:</b> | 17.10.2023 12:48     |   |   |
|                           |                   |                                    |                           |                       |                      |   |   |

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Photomontage: Proposed Development.

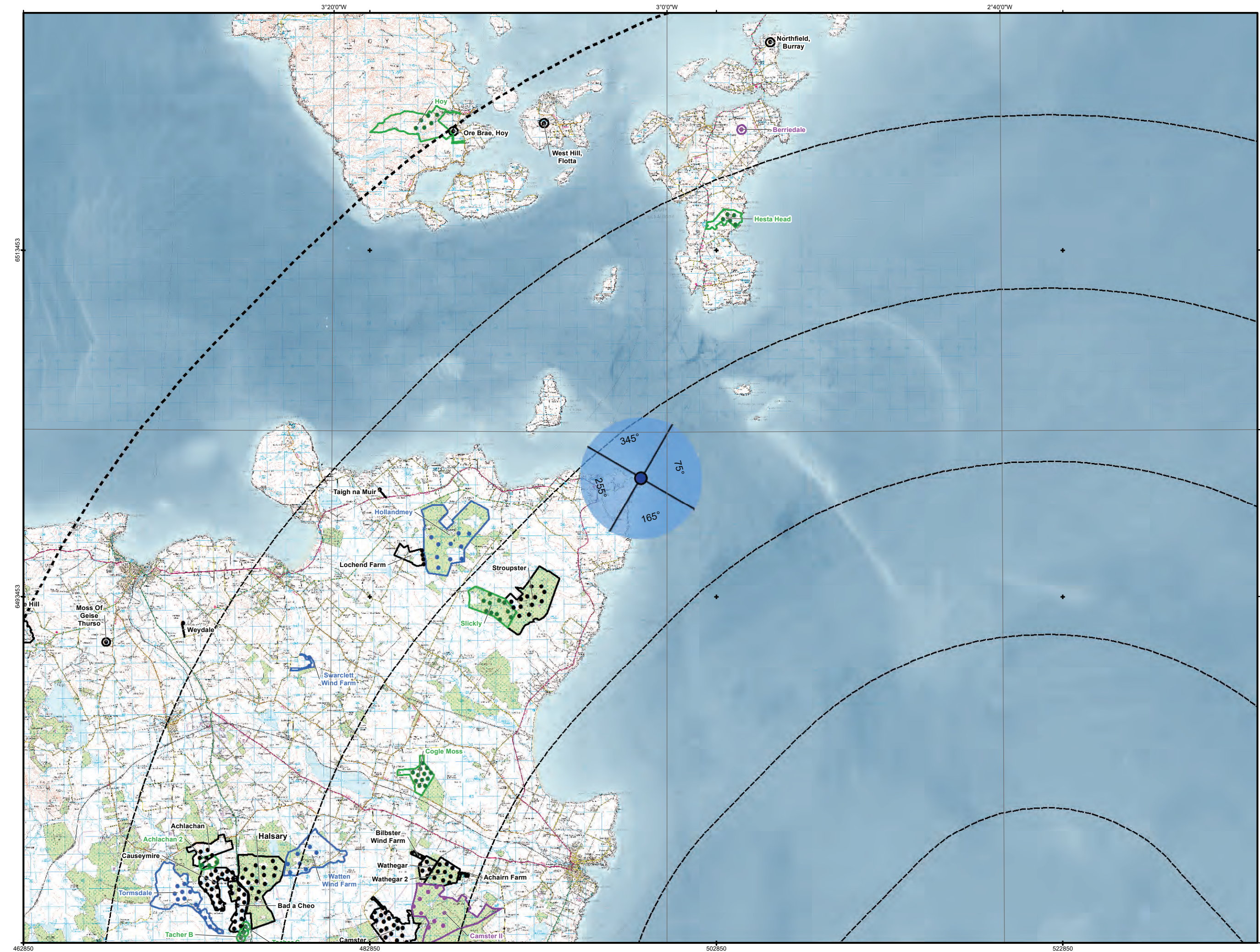
View flat at a comfortable arm's length

|                    |                   |                             |                           |                |                      |
|--------------------|-------------------|-----------------------------|---------------------------|----------------|----------------------|
| OS reference:      | 320531 E 976492 N | Horizontal field of view:   | 53.5° (planar projection) | Camera:        | Canon EOS 5D Mark II |
| Eye level:         | 128.8 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:   | 53.87 km          | Correct printed image size: | 820 x 260 mm              | Date and time: | 17.10.2023 12:48     |

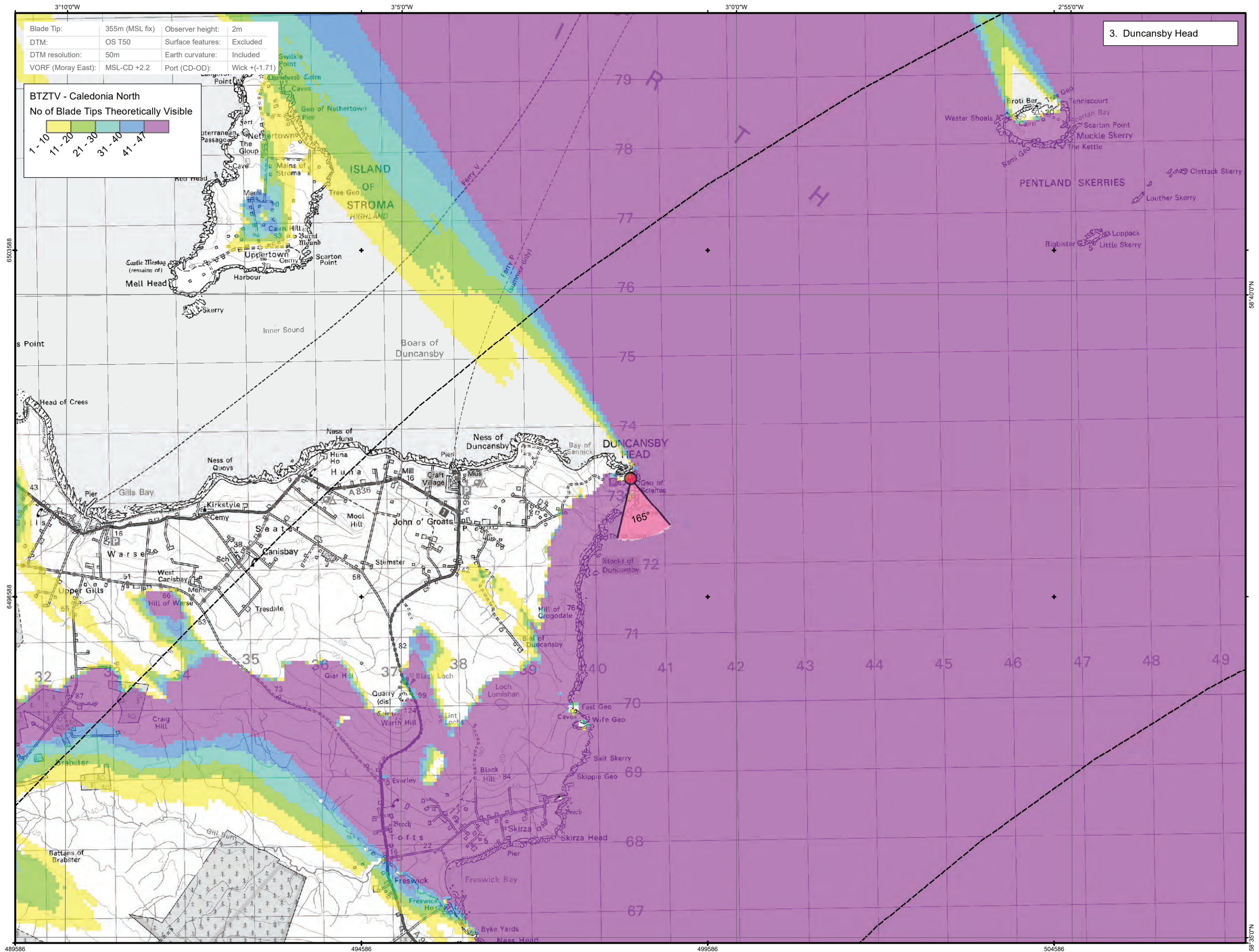
Operational and Under Construction offshore wind farms have been photomontaged in this view.

Figure: 12.2h  
Viewpoint 2: Dunnet Head  
Caledonia North





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 North Fixed

OSP

Caledonia North

Caledonia South

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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Pentland Firth

Kyle Rye

Sinclair's Bay

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  |
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03

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

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

Caledonia North

STATUS  
Approved

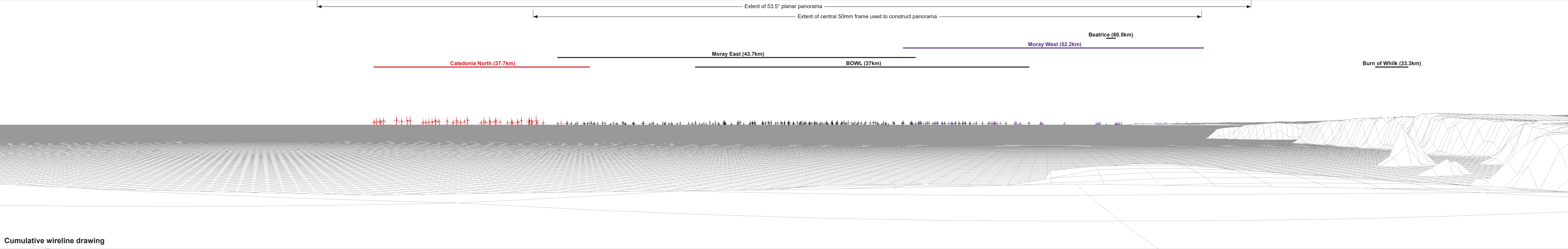
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1:50,000

SHEET NO  
03 of 22

REV  
N/A



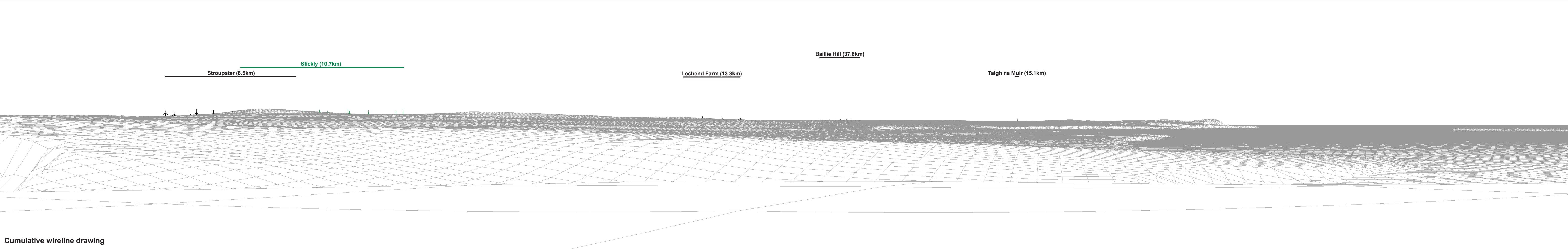






Baseline photograph

This image provides landscape and visual context only



Cumulative wireline drawing

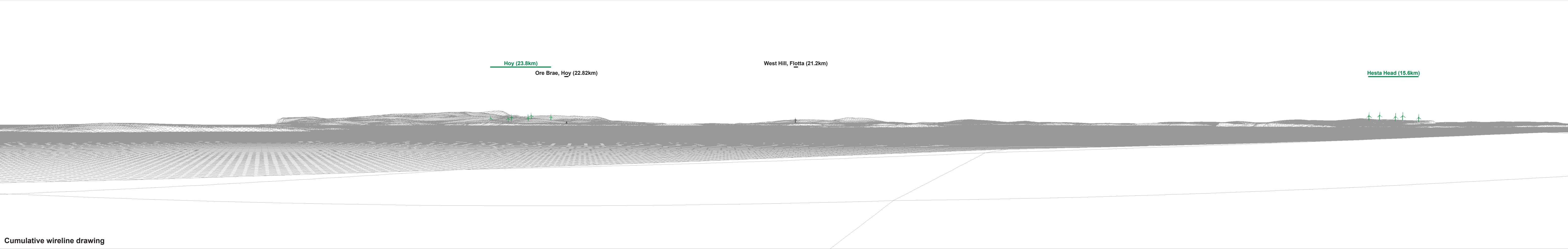
|                    |                   |                             |                              |                |                      |  |
|--------------------|-------------------|-----------------------------|------------------------------|----------------|----------------------|--|
| OS reference:      | 340522 E 973247 N | Horizontal field of view:   | 90° (cylindrical projection) | Camera:        | Canon EOS 5D Mark II | Figure: 12.3c  |
| 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 North  |
| Nearest turbine:   | 37.77 km          | Correct printed image size: | 820 x 130 mm                 | Date and time: | 16.10.2023 13:40     | © Crown copyright, All rights reserved (2023). Licence number 0100031673 |





Baseline photograph

This image provides landscape and visual context only



Cumulative wireline drawing

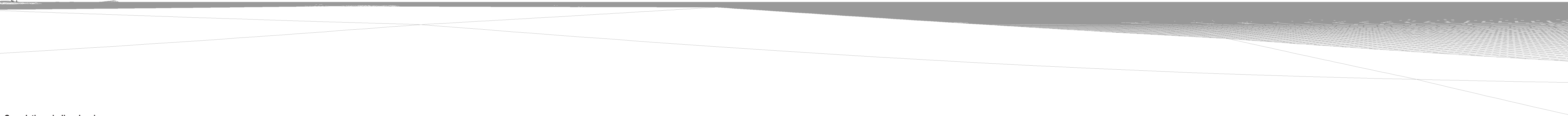




Baseline photograph

This image provides landscape and visual context only

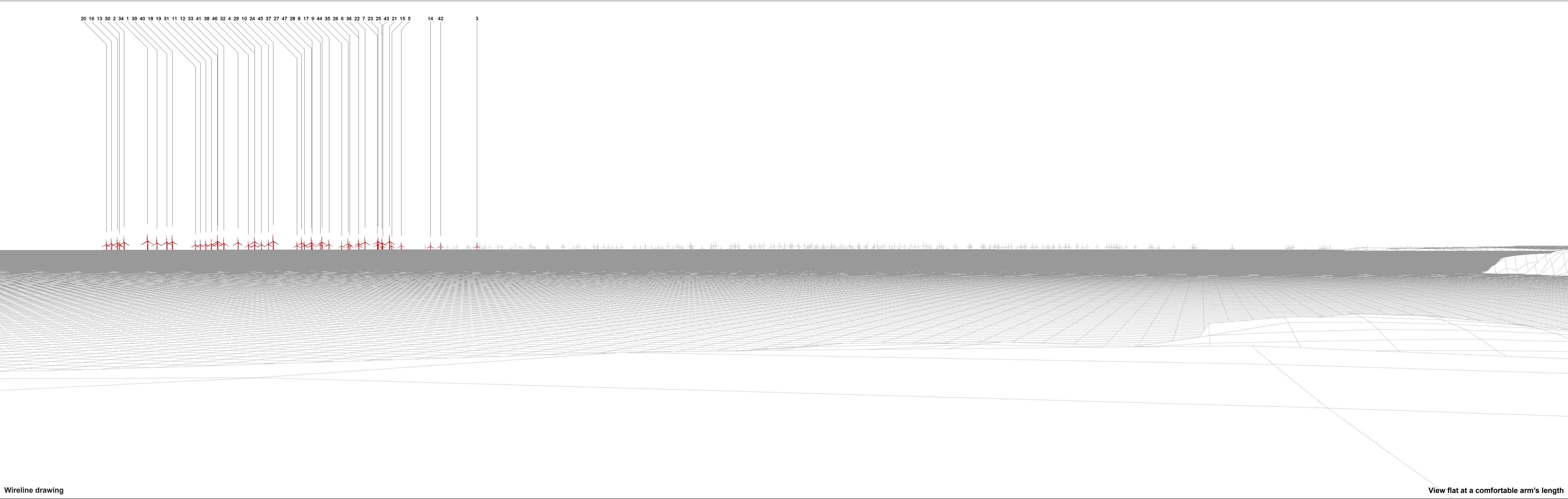
Barnes of Ayre (35.7km)



Cumulative wireline drawing

|                    |                   |                             |                              |                |                      |  |
|--------------------|-------------------|-----------------------------|------------------------------|----------------|----------------------|--|
| OS reference:      | 340522 E 973247 N | Horizontal field of view:   | 90° (cylindrical projection) | Camera:        | Canon EOS 5D Mark II | Figure: 12.3e  |
| Eye level:         | 63.8 mAOD         | Principal distance:         | 522 mm                       | Lens:          | Canon EF 50mm f/1.4  | Viewpoint 3: Duncansby Head  |
| Direction of view: | 75°               | Paper size:                 | 841 x 297 mm (half A1)       | Camera height: | 1.5 m                | Caledonia North  |
| Nearest turbine:   | 37.77 km          | Correct printed image size: | 820 x 130 mm                 | Date and time: | 16.10.2023 13:40     | © Crown copyright, All rights reserved (2023). Licence number 0100031673 |









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:   | 37.77 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 North

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Photomontage: Proposed Development.

View flat at a comfortable arm's length

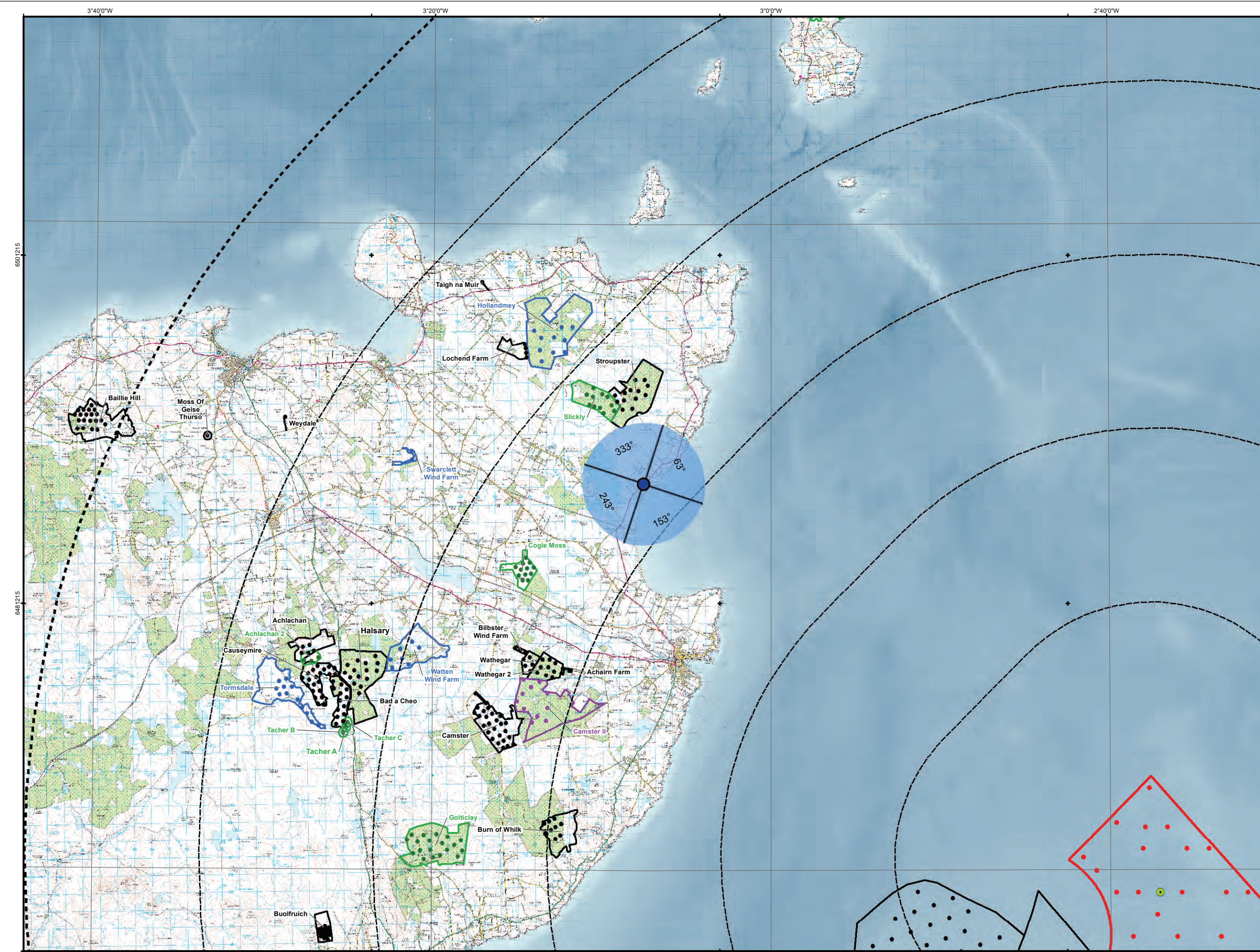
|                    |                   |                             |                           |                |                      |
|--------------------|-------------------|-----------------------------|---------------------------|----------------|----------------------|
| OS reference:      | 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:   | 37.77 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.

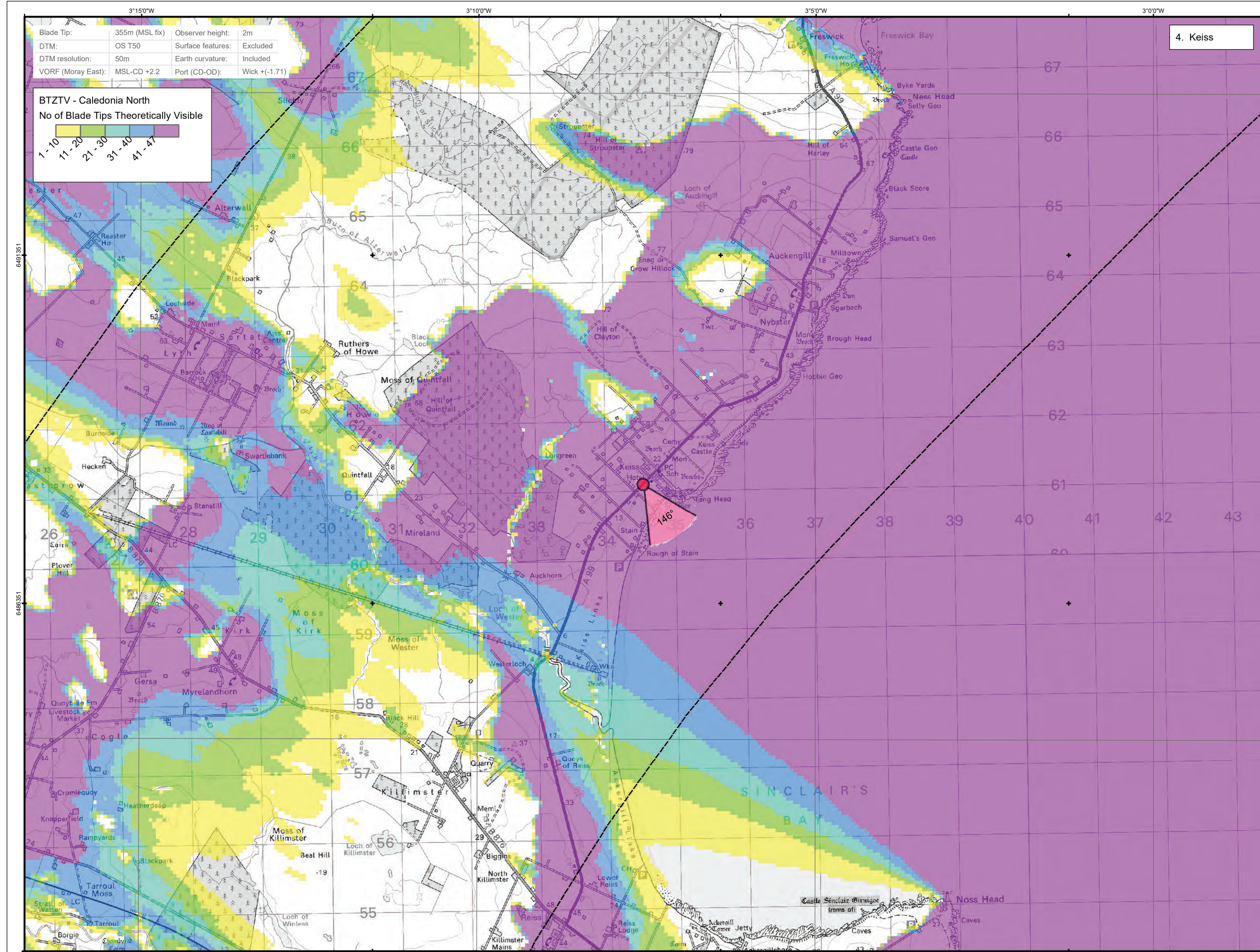
Figure: 12.3h  
Viewpoint 3: Duncansby Head  
Caledonia North

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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 North Fixed

OSP

Caledonia North

Caledonia South

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\_00113

CONTRACTOR REV  
03

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

DRAWING TITLE  
Figure 12-4a - Viewpoint Plan  
4. Keiss

Caledonia North

STATUS  
Approved

DRAWING NUMBER  
N/A

SCALE  
1:200,000  
1:50,000

SHEET NO  
04 of 22

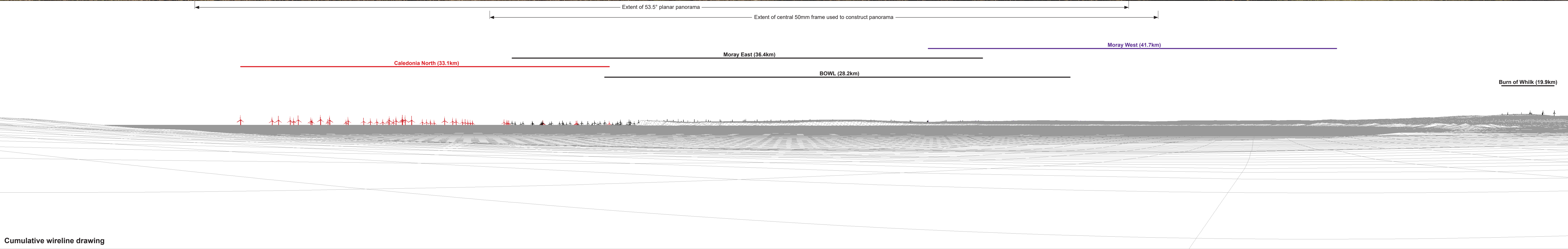
REV  
N/A





Baseline photograph

This image provides landscape and visual context only



Cumulative wireline drawing

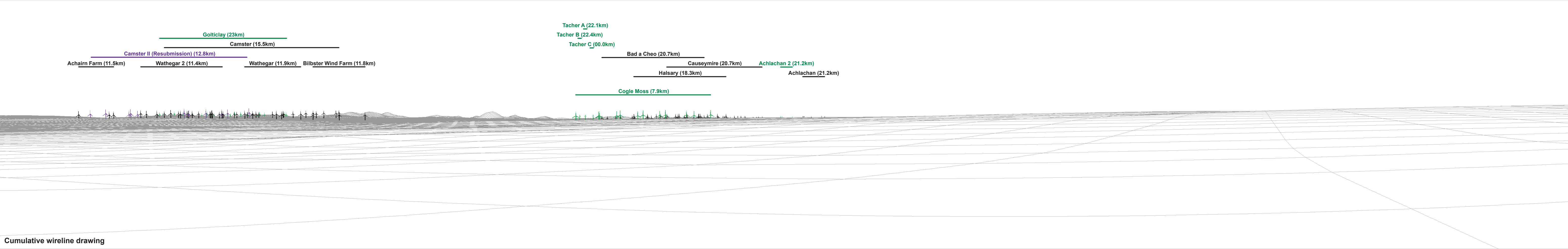
|                    |                   |                             |                              |                |                      |  |
|--------------------|-------------------|-----------------------------|------------------------------|----------------|----------------------|--|
| OS reference:      | 334539 E 961097 N | Horizontal field of view:   | 90° (cylindrical projection) | Camera:        | Canon EOS 5D Mark II | Figure: 12.4b  |
| Eye level:         | 15.4 mAOD         | Principal distance:         | 522 mm                       | Lens:          | Canon EF 50mm f/1.4  | Viewpoint 4: Keiss   |
| Direction of view: | 153°              | Paper size:                 | 841 x 297 mm (half A1)       | Camera height: | 1.5 m                | Caledonia North  |
| Nearest turbine:   | 33.14 km          | Correct printed image size: | 820 x 130 mm                 | Date and time: | 17.10.2023 15:03     | © Crown copyright, All rights reserved (2023). Licence number 0100031673 |





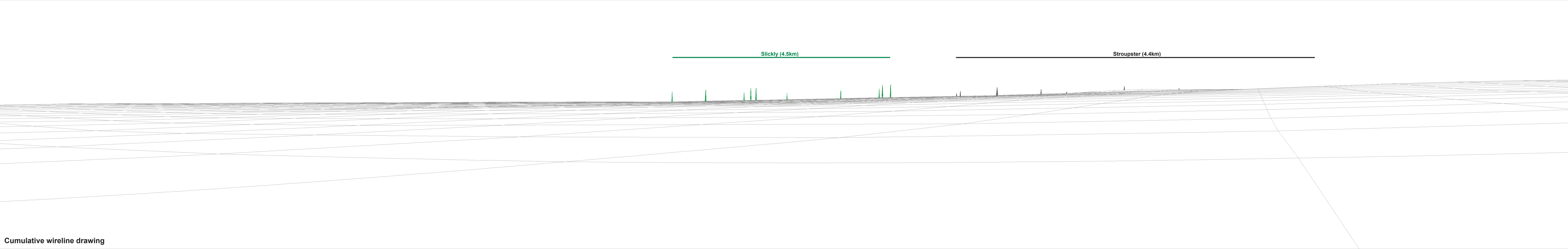
Baseline photograph

This image provides landscape and visual context only

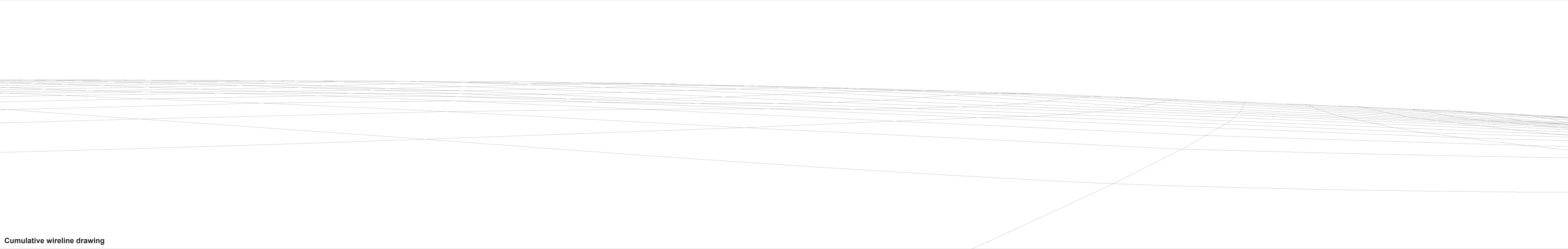


Cumulative wireline drawing

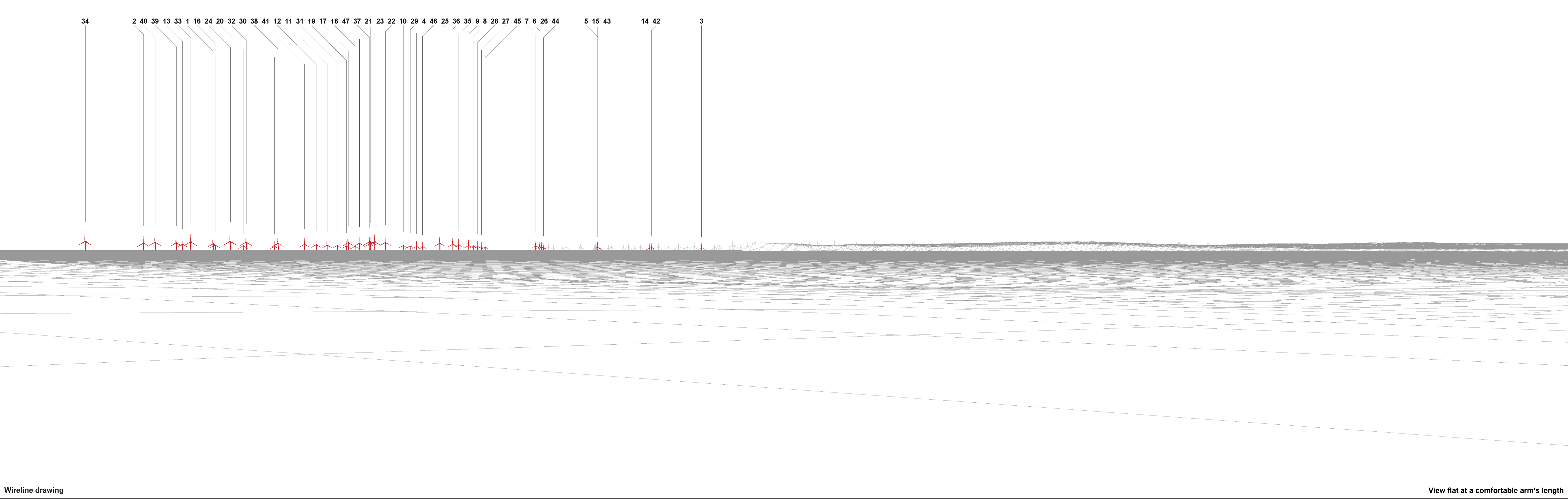












Wireline drawing

View flat at a comfortable arm's length





Baseline photograph.

View flat at a comfortable arm's length

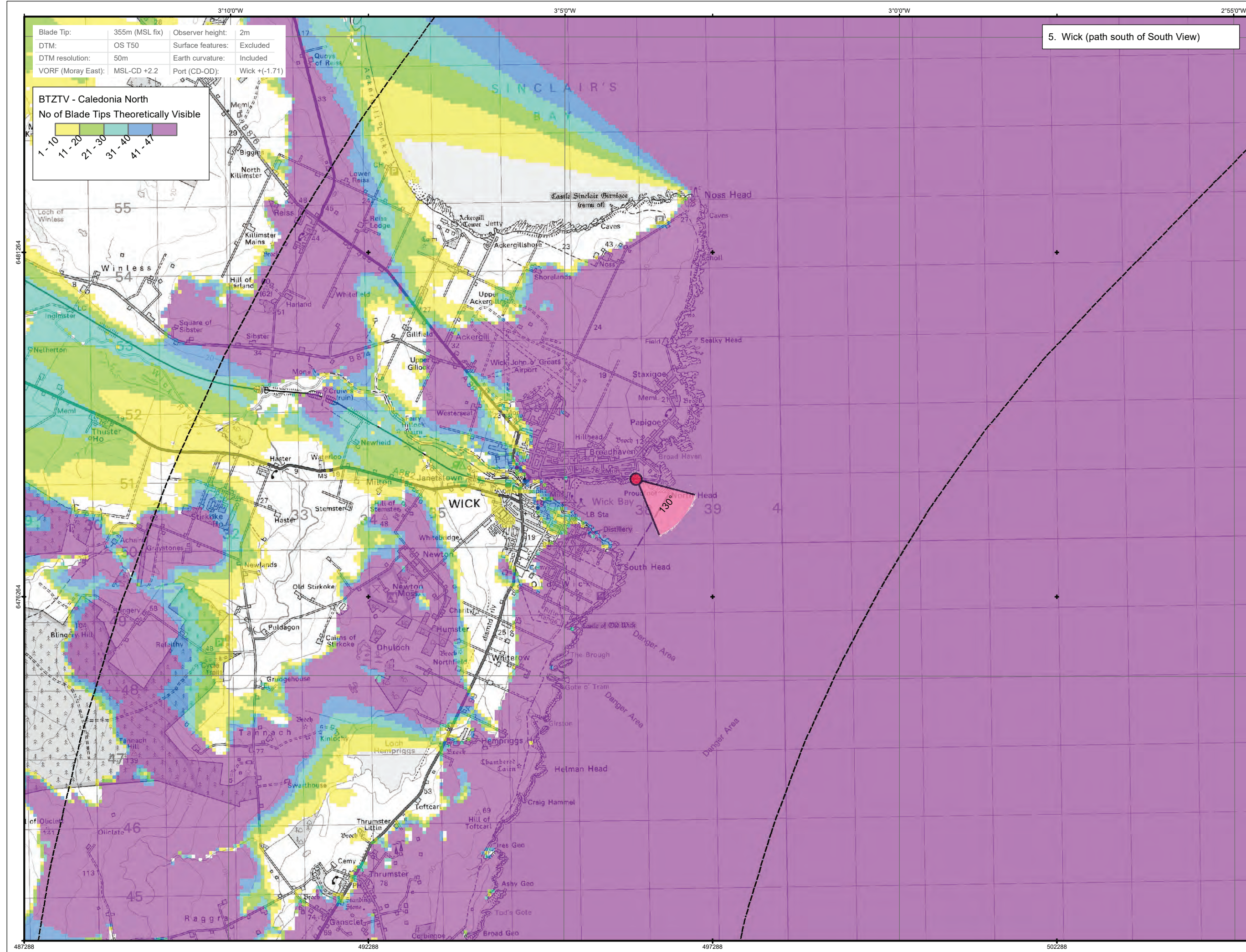
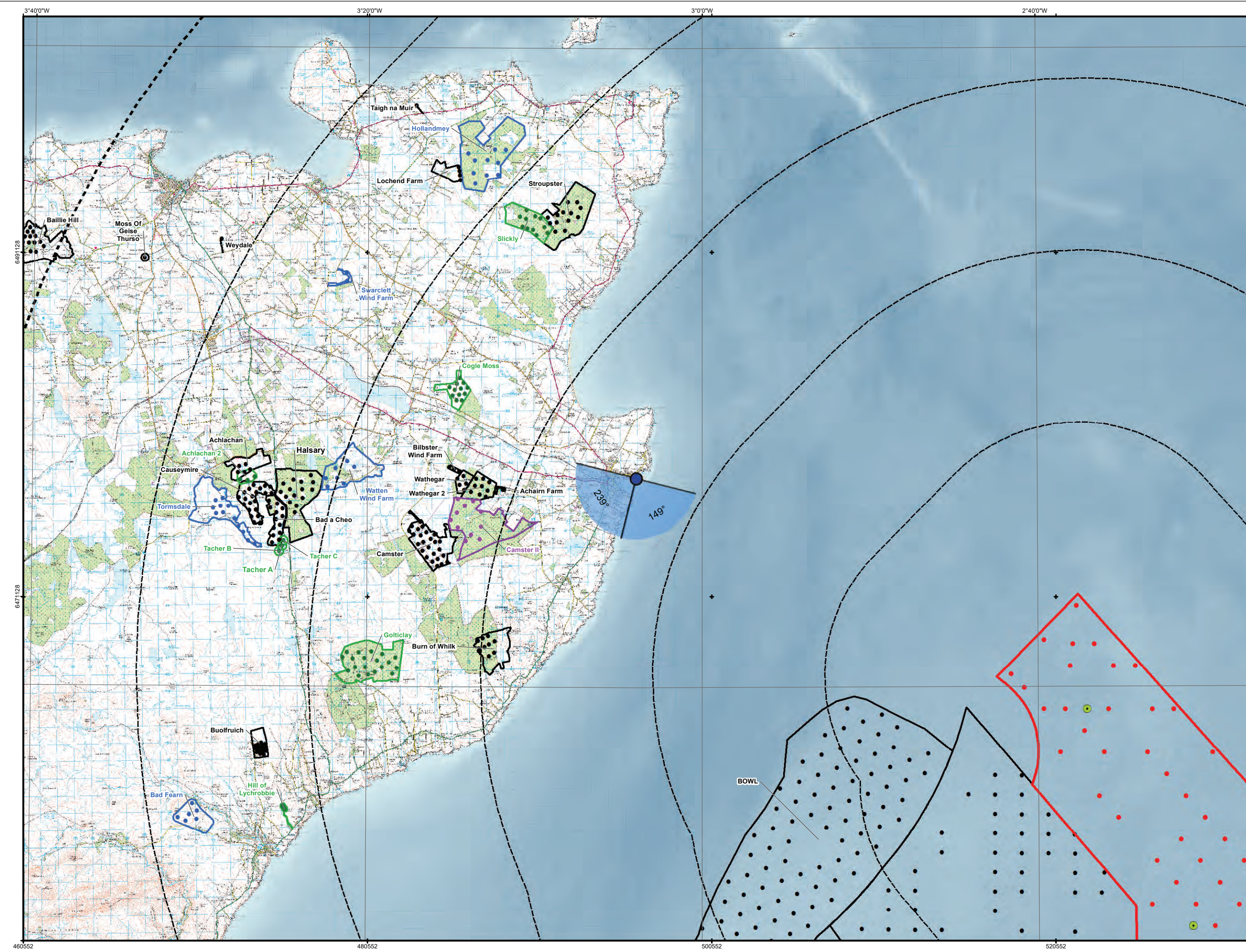
|                    |                   |                             |                           |                |                      |
|--------------------|-------------------|-----------------------------|---------------------------|----------------|----------------------|
| OS reference:      | 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:   | 33.14 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.









90°Field of View

53.5°Field of View

Caledonia North Fixed

OSP

Caledonia North

Caledonia South

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\_00114

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 North

STATUS  
Approved

SCALE  
1:200,000  
1:50,000

DRAWING NUMBER  
N/A

SHEET NO  
05 of 22

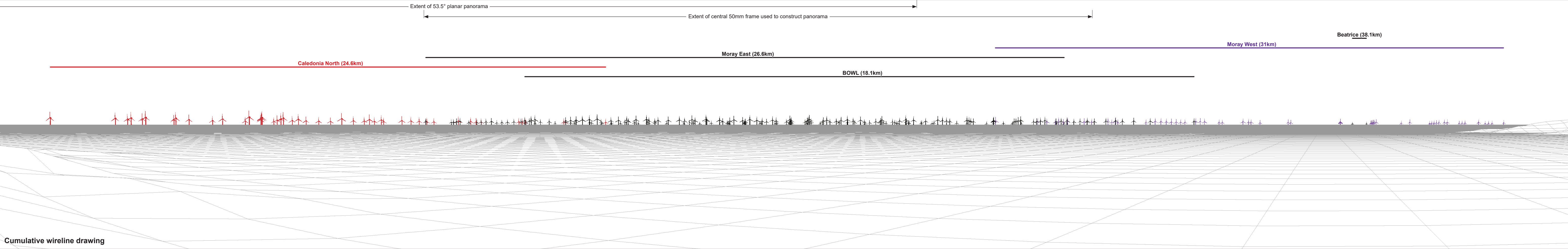
REV  
N/A





Baseline photograph

This image provides landscape and visual context only

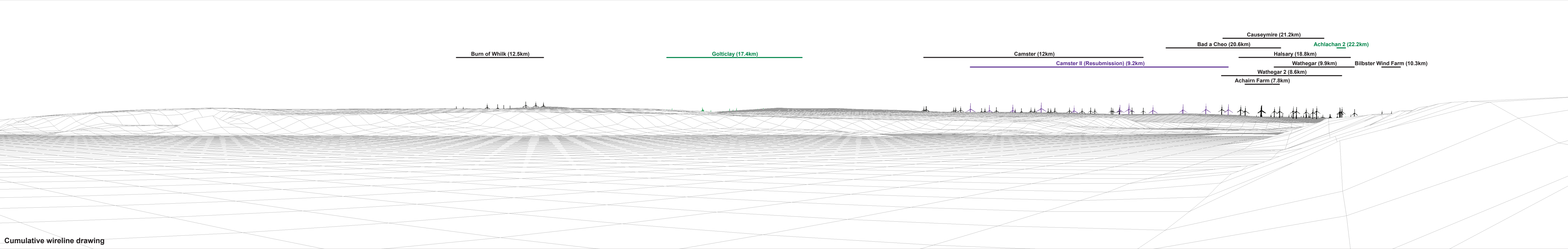






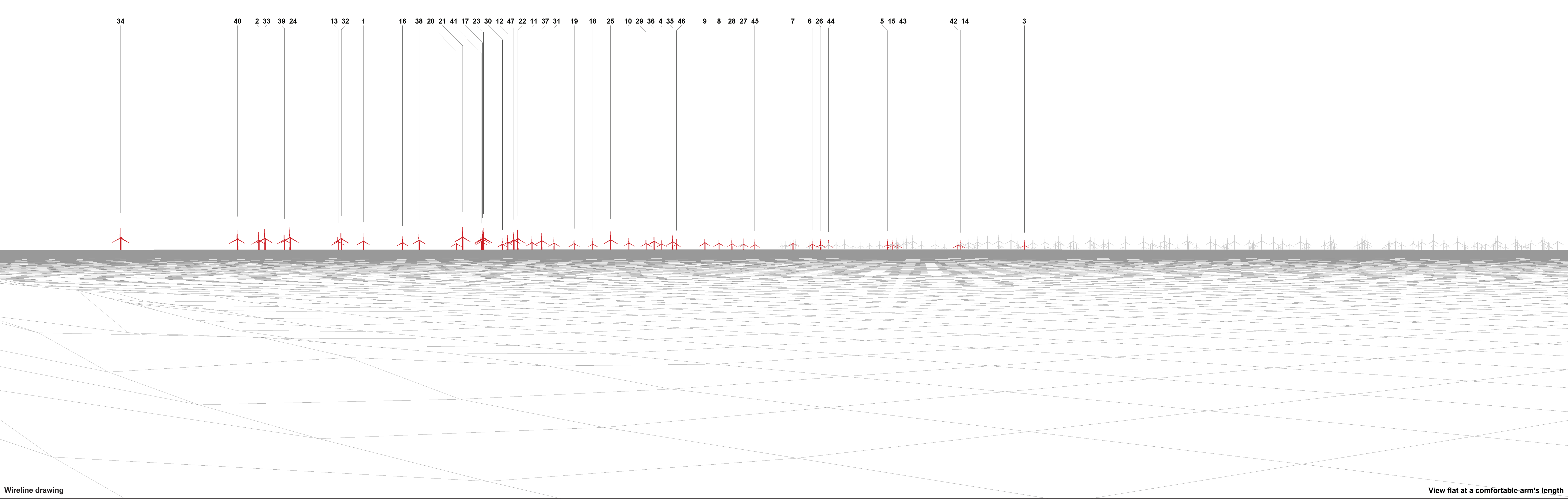
Baseline photograph

This image provides landscape and visual context only



Cumulative wireline drawing





Wireline drawing

View flat at a comfortable arm's length





Baseline photograph.

View flat at a comfortable arm's length

|                           |                   |                                    |                           |                       |                      |   |   |
|---------------------------|-------------------|------------------------------------|---------------------------|-----------------------|----------------------|---|---|
| <b>OS reference:</b>      | 337892 E 950958 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: 12.5e</b><br><b>Viewpoint 5: Wick (path south of South View)</b><br><b>Caledonia North</b> |
| <b>Eye level:</b>         | 12.1 mAOD         | <b>Principal distance:</b>         | 812.5 mm                  | <b>Lens:</b>          | Canon EF 50mm f/1.4  |   |   |
| <b>Direction of view:</b> | 130°              | <b>Paper size:</b>                 | 841 x 297 mm (half A1)    | <b>Camera height:</b> | 1.5 m                |   |   |
| <b>Nearest turbine:</b>   | 24.56 km          | <b>Correct printed image size:</b> | 820 x 260 mm              | <b>Date and time:</b> | 16.10.2023 14:52     |   |   |
|                           |                   |                                    |                           |                       |                      |   |   |





Photomontage: Proposed Development.

View flat at a comfortable arm's length

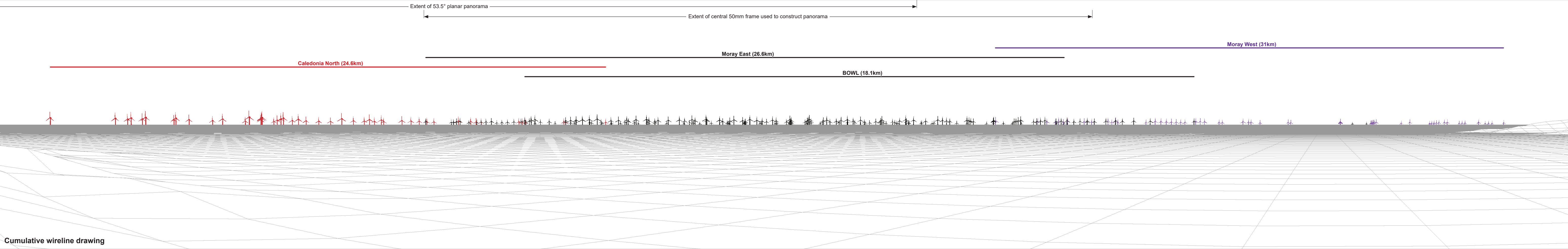
|                    |                   |                             |                           |                |                      |
|--------------------|-------------------|-----------------------------|---------------------------|----------------|----------------------|
| OS reference:      | 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:   | 24.56 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 North

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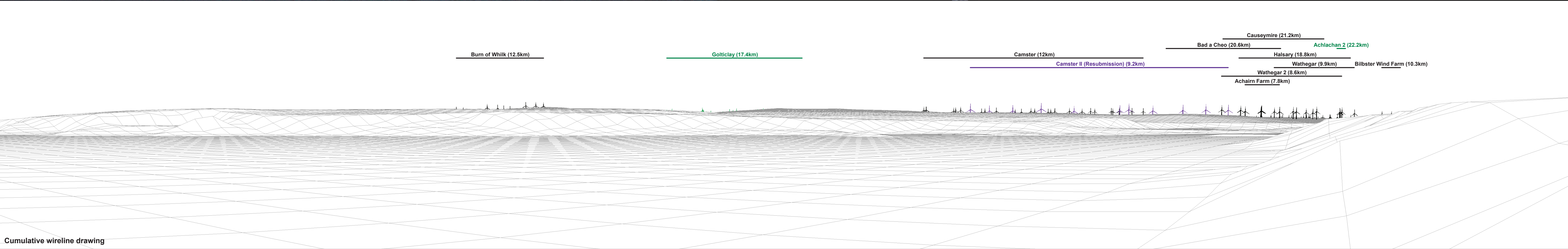






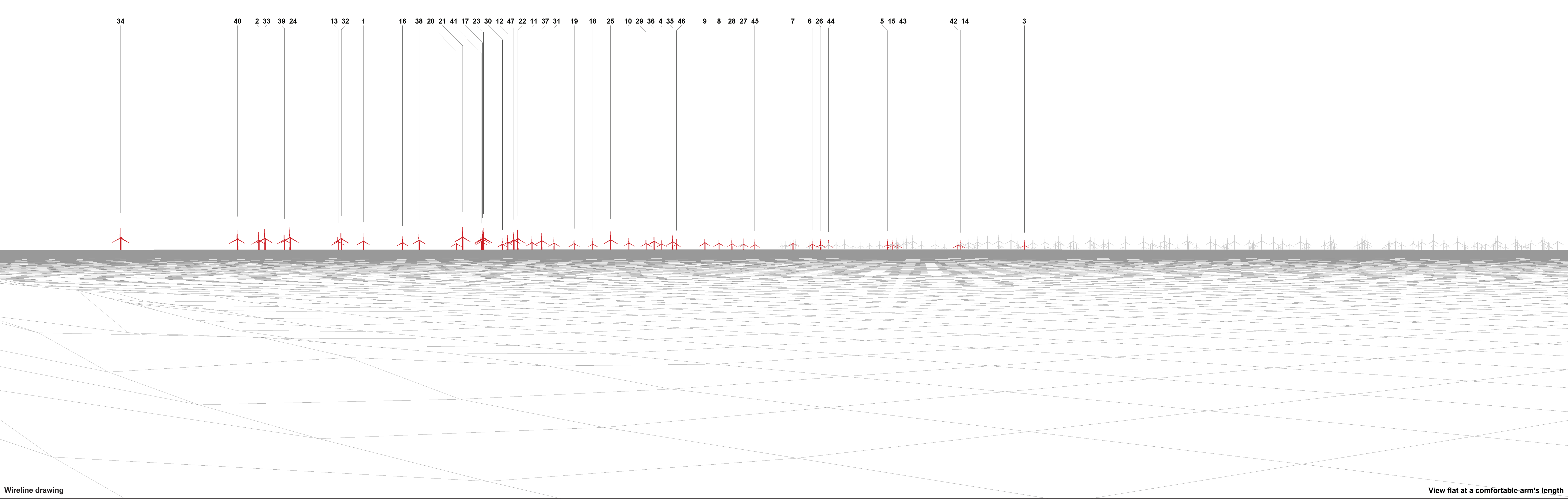
Baseline photograph

This image provides landscape and visual context only



Cumulative wireline drawing









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:   | 24.56 km          | Correct printed image size: | 820 x 260 mm              | Date and time: | 19.03.2024 19:12     |

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 North





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:   | 24.56 km          | Correct printed image size: | 820 x 260 mm              | Date and time: | 19.03.2024 19:12     |

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

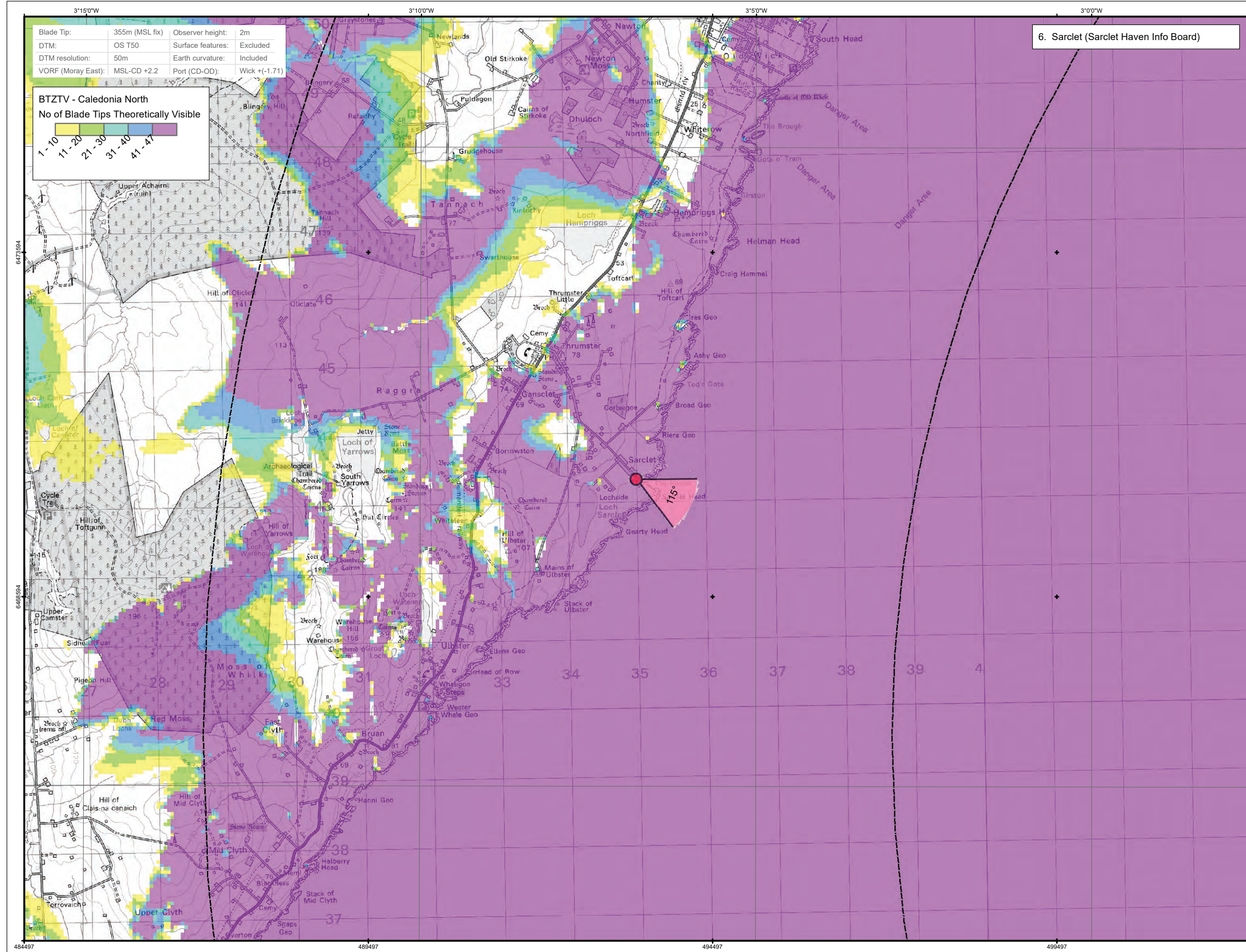
Figure: 12.5k  
Viewpoint 5: Wick (path south of South View)  
Caledonia North

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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 North Fixed

OSP

Caledonia North

Caledonia South

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

Seatrice Wind Farm

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

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PART OF SLR

CONTRACTOR DRAWING NO  
UKCAL1\_OPN\_WNF\_ENV\_SLV\_MAP\_00115

CONTRACTOR REV  
03

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

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

Caledonia North

STATUS  
Approved

DRAWING NUMBER  
N/A

SCALE  
1:200,000  
1:50,000

SHEET NO  
06 of 22

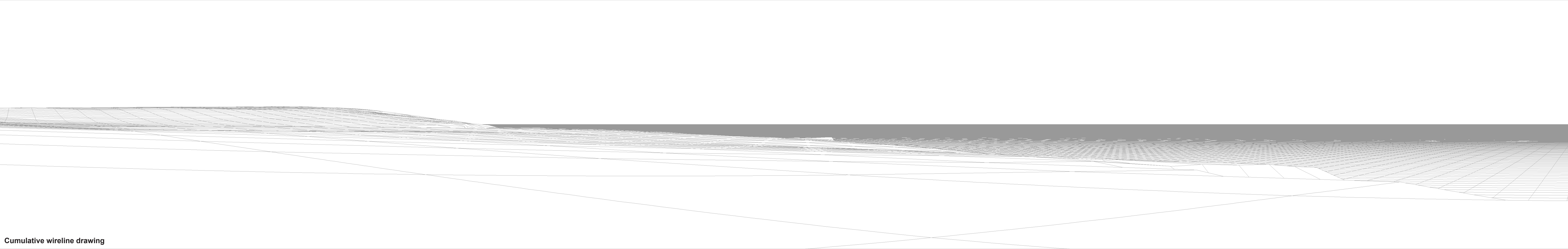
REV  
N/A





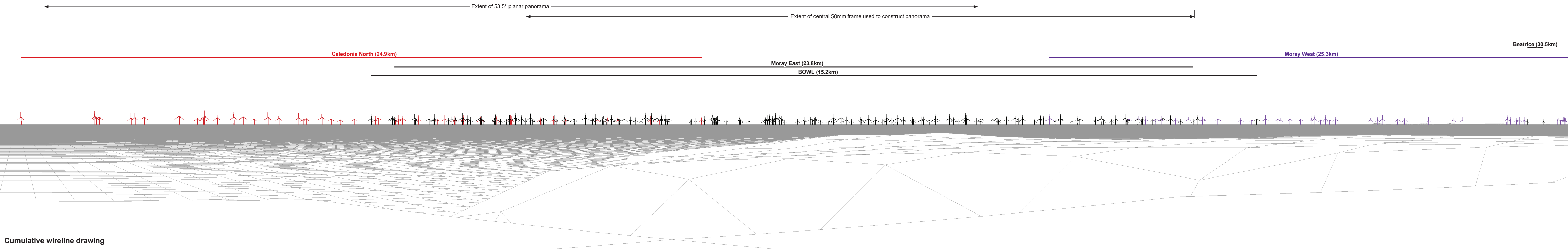
Baseline photograph

This image provides landscape and visual context only



Cumulative wireline drawing



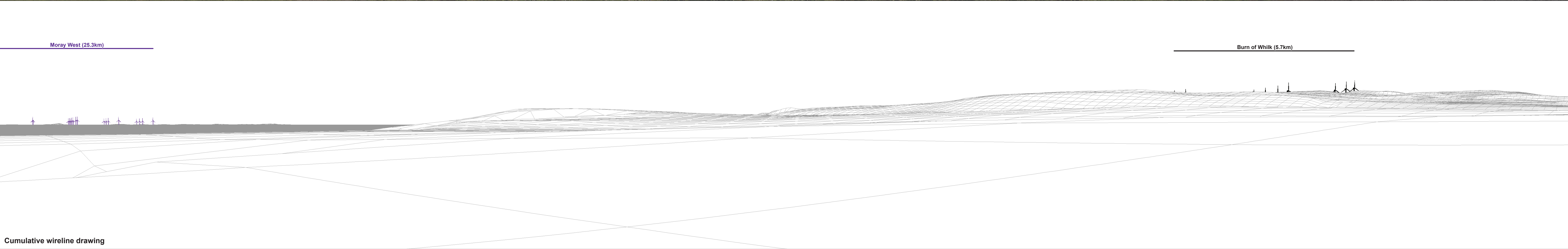






Baseline photograph

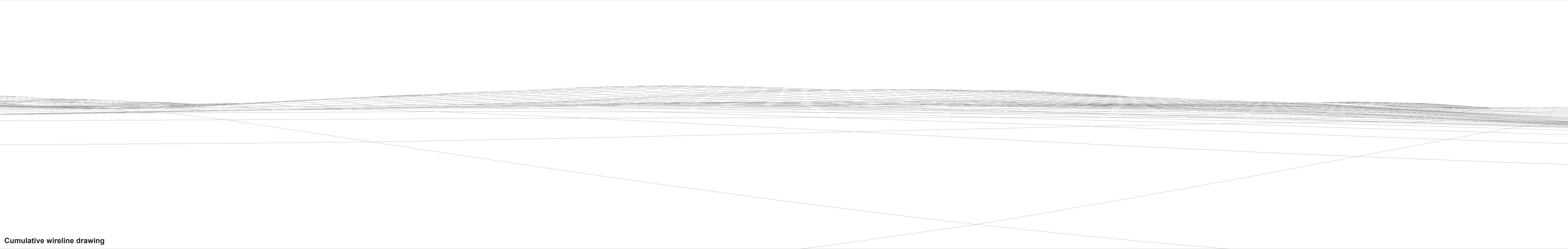
This image provides landscape and visual context only



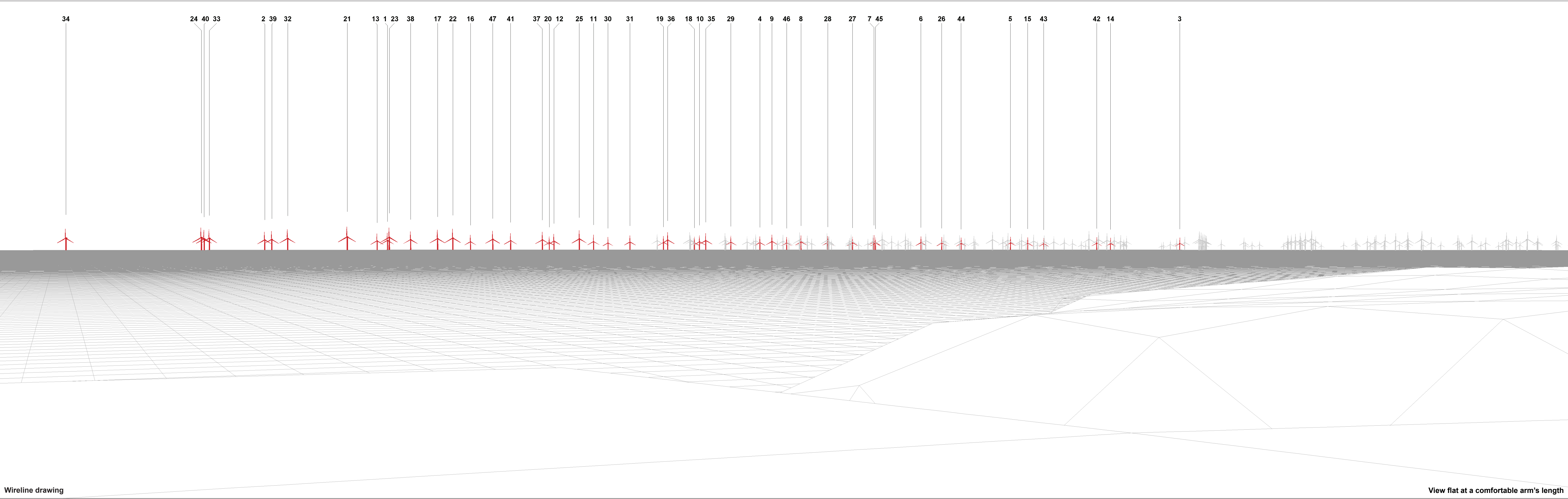
Cumulative wireline drawing

|                    |                   |                             |                              |                |                      |  |
|--------------------|-------------------|-----------------------------|------------------------------|----------------|----------------------|--|
| OS reference:      | 334987 E 943330 N | Horizontal field of view:   | 90° (cylindrical projection) | Camera:        | Canon EOS 5D Mark II | Figure: 12.6d  |
| Eye level:         | 40.9 mAOD         | Principal distance:         | 522 mm                       | Lens:          | Canon EF 50mm f/1.4  | Viewpoint 6: Sarclet (Sarclet Haven Info Board)                          |
| Direction of view: | 224°              | Paper size:                 | 841 x 297 mm (half A1)       | Camera height: | 1.5 m                | Caledonia North  |
| Nearest turbine:   | 24.85 km          | Correct printed image size: | 820 x 130 mm                 | Date and time: | 16.10.2023 12:39     | © Crown copyright, All rights reserved (2023). Licence number 0100031673 |













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:   | 24.85 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 North





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:   | 24.85 km          | Correct printed image size: | 820 x 260 mm              | Date and time: | 16.10.2023 12:39     |

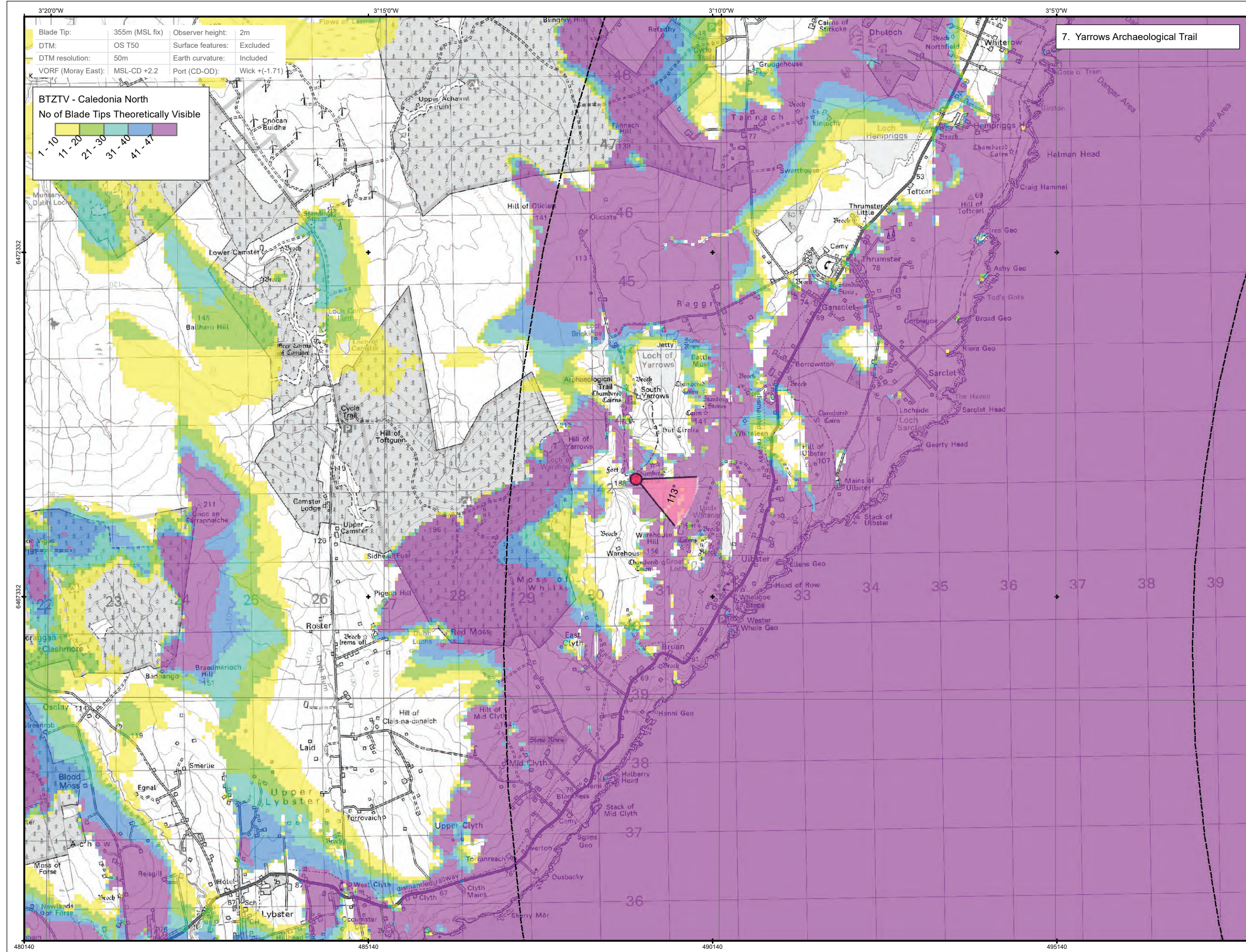
Operational and Under Construction offshore wind farms  
have been photomontaged in this view.

Figure: 12.6h  
Viewpoint 6: Sarclet (Sarclet Haven Info Board)  
Caledonia North





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 North Fixed

OSP

Caledonia North

Caledonia South

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 Coshness Cliffs Marine Protected Area

78

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\_00116

CONTRACTOR REV

03

GEODETIC PARAMETERS

WGS 1984 UTM Zone 30N (EPSG:32630)

DRAWING TITLE

Figure 12-7a - Viewpoint Plan

7. Yarrows Archaeological Trail

Caledonia North

STATUS

Approved

SCALE

1:200,000

1:50,000

DRAWING NUMBER

N/A

SHEET NO

07 of 22

REV

N/A





Baseline photograph

This image provides landscape and visual context only

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

West Hill, Flotta (51.9km)

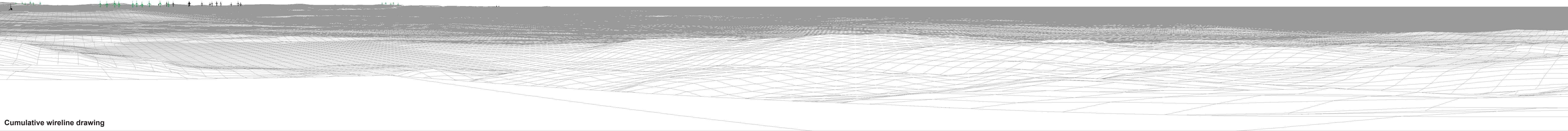
Hesta Head (48.3km)

Barnes of Ayre (67.9km)

Slickly (23.1km)

Stroupster (23.4km)

Achairn Farm (8.2km)



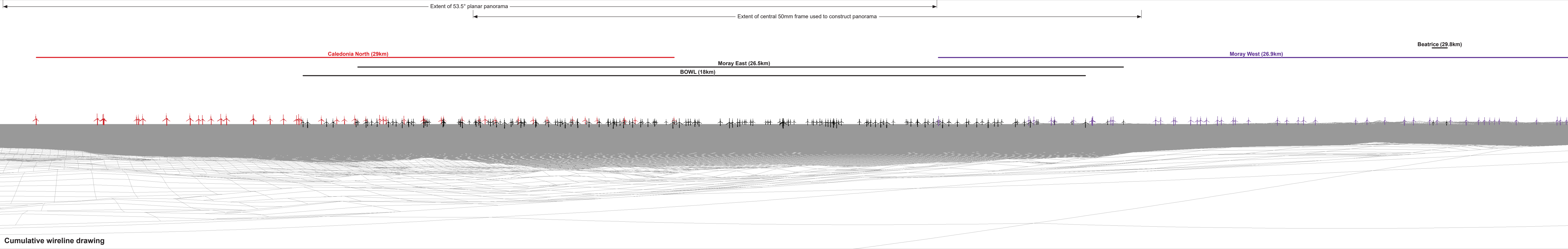
Cumulative wireline drawing





Baseline photograph

This image provides landscape and visual context only



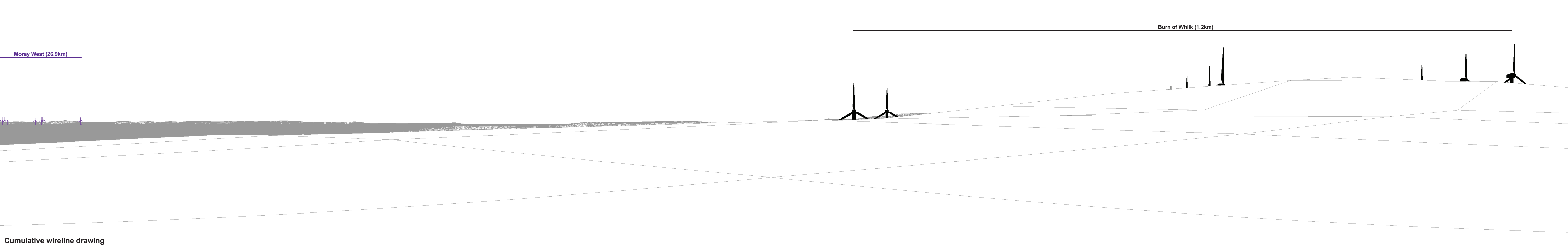
Cumulative wireline drawing





Baseline photograph

This image provides landscape and visual context only

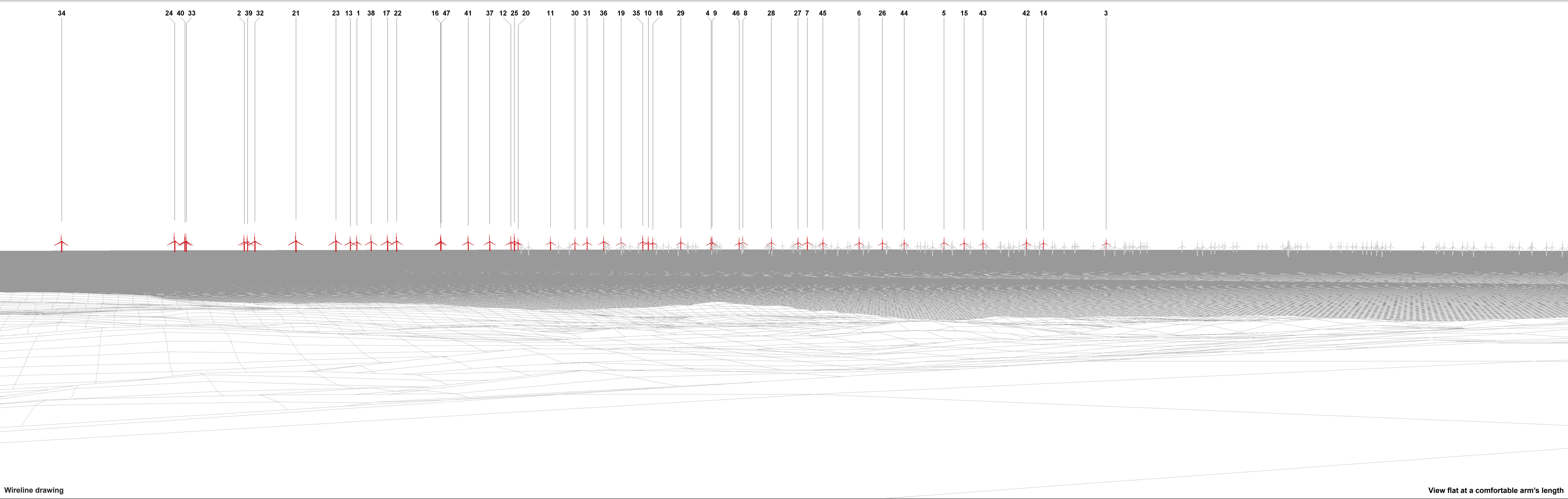


Cumulative wireline drawing









Wireline drawing

View flat at a comfortable arm's length





|                           |                   |                                    |                           |                       |                      |
|---------------------------|-------------------|------------------------------------|---------------------------|-----------------------|----------------------|
| <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>   | 29.04 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.



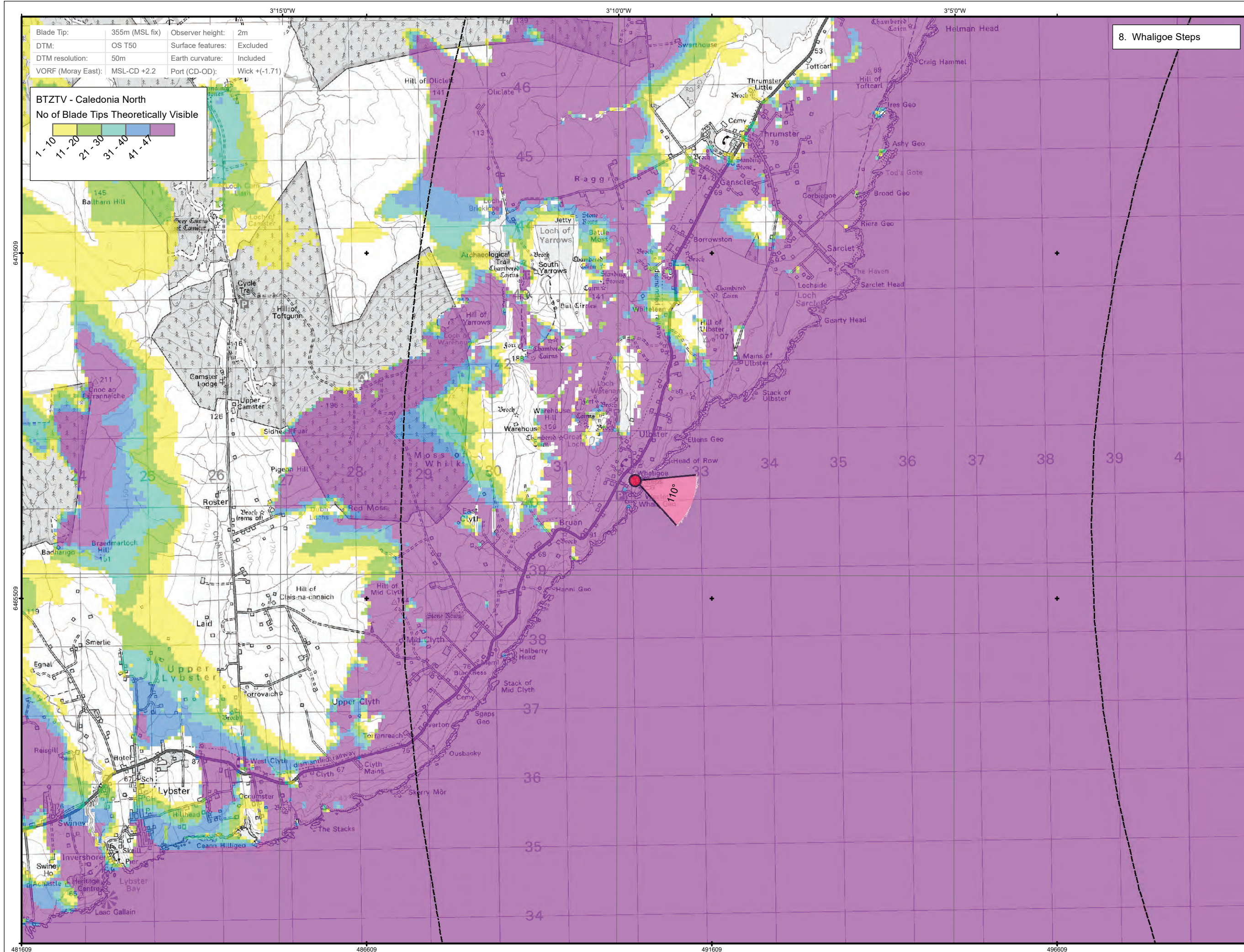
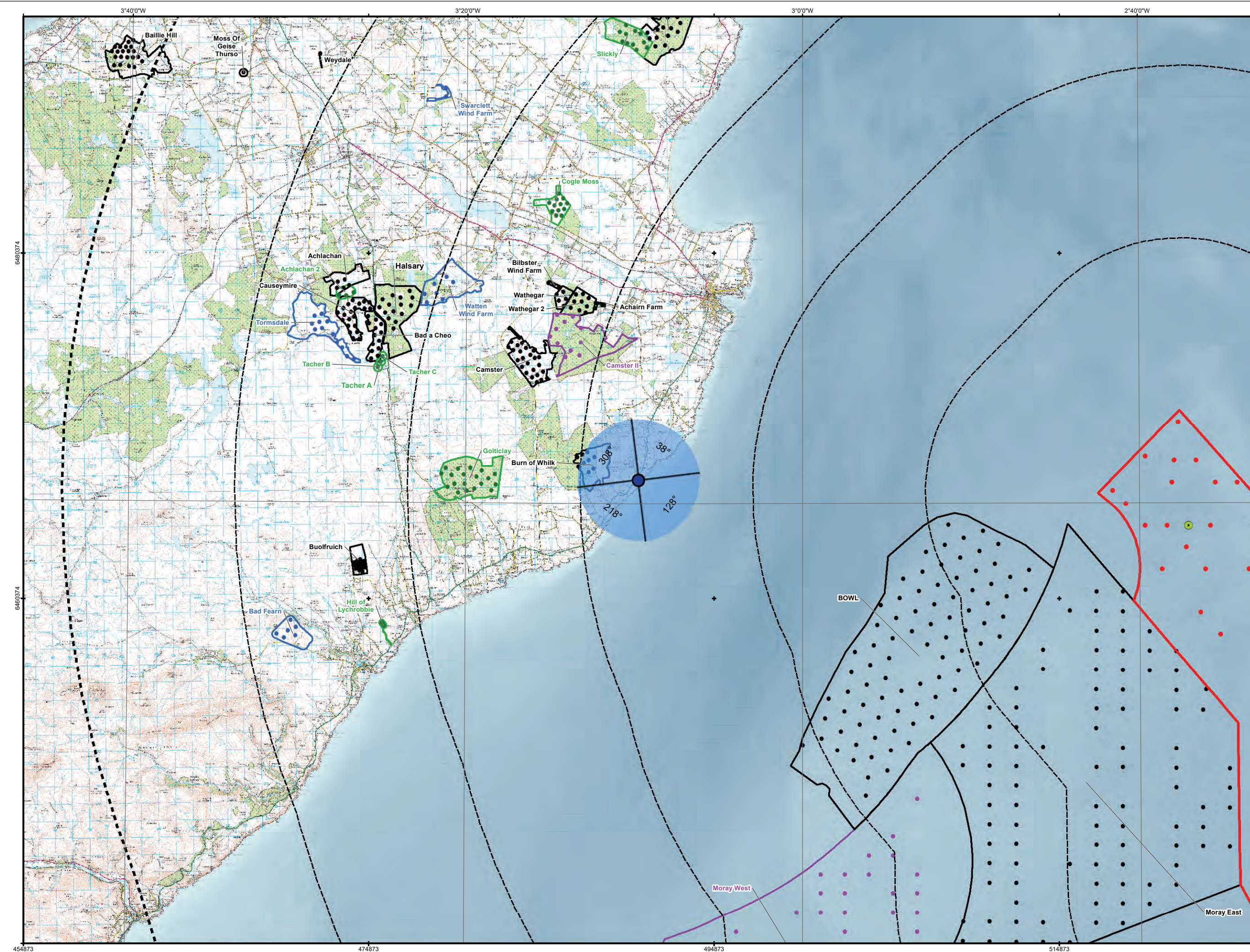


|                    |                   |                             |                           |                |                      |
|--------------------|-------------------|-----------------------------|---------------------------|----------------|----------------------|
| OS reference:      | 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:   | 29.04 km          | Correct printed image size: | 820 x 260 mm              | Date and time: | 11.12.2023 13:02     |

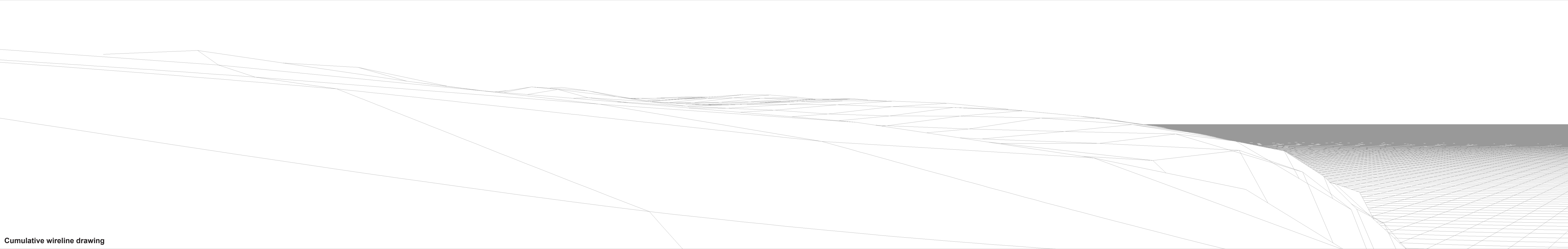
Operational and Under Construction offshore wind farms have been photomontaged in this view.

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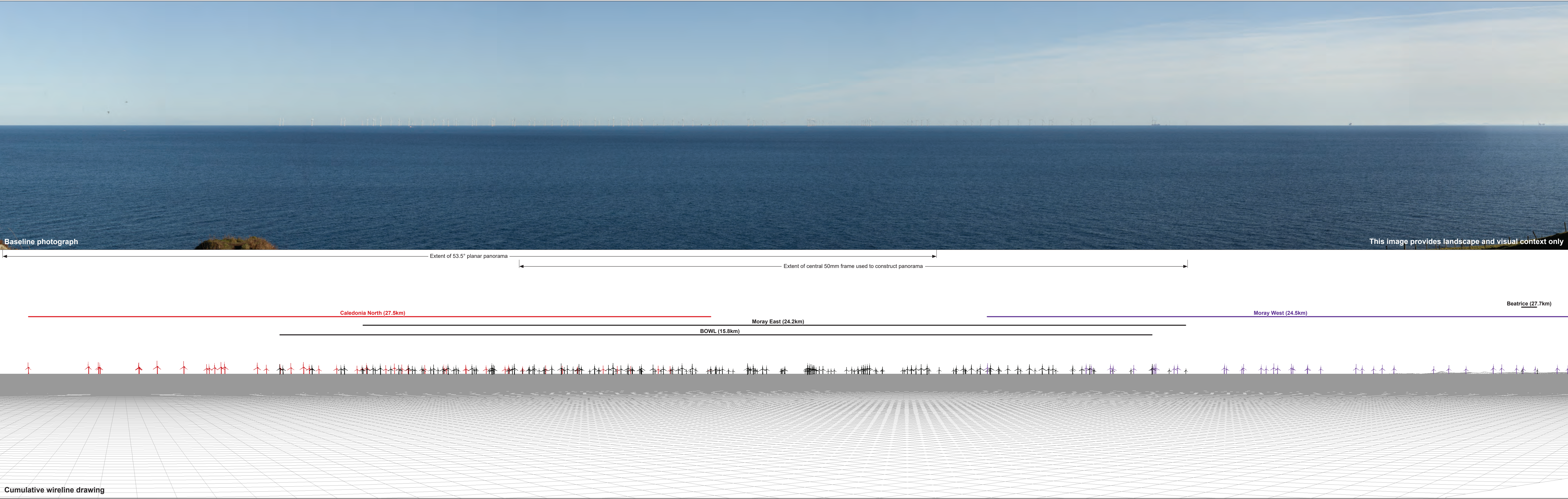
















Baseline photograph

This image provides landscape and visual context only



Cumulative wireline drawing

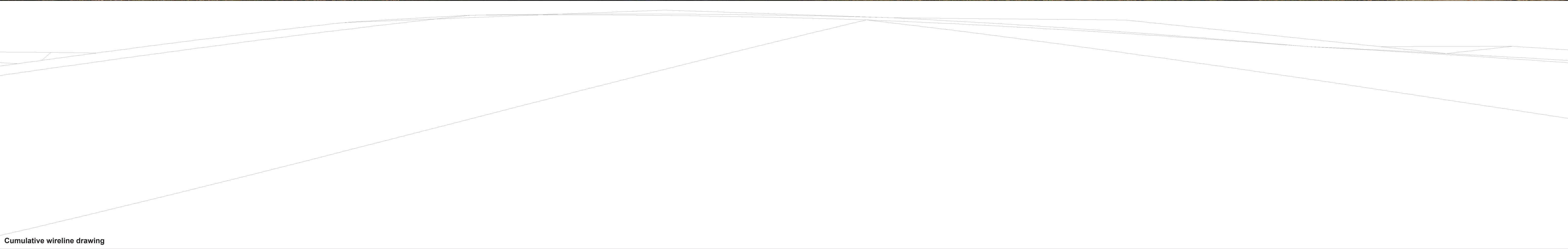
|                    |                   |                             |                              |                |                      |                             |
|--------------------|-------------------|-----------------------------|------------------------------|----------------|----------------------|-----------------------------|
| 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 North             |
| Nearest turbine:   | 27.47 km          | Correct printed image size: | 820 x 130 mm                 | Date and time: | 17.10.2023 14:16     |                             |





Baseline photograph

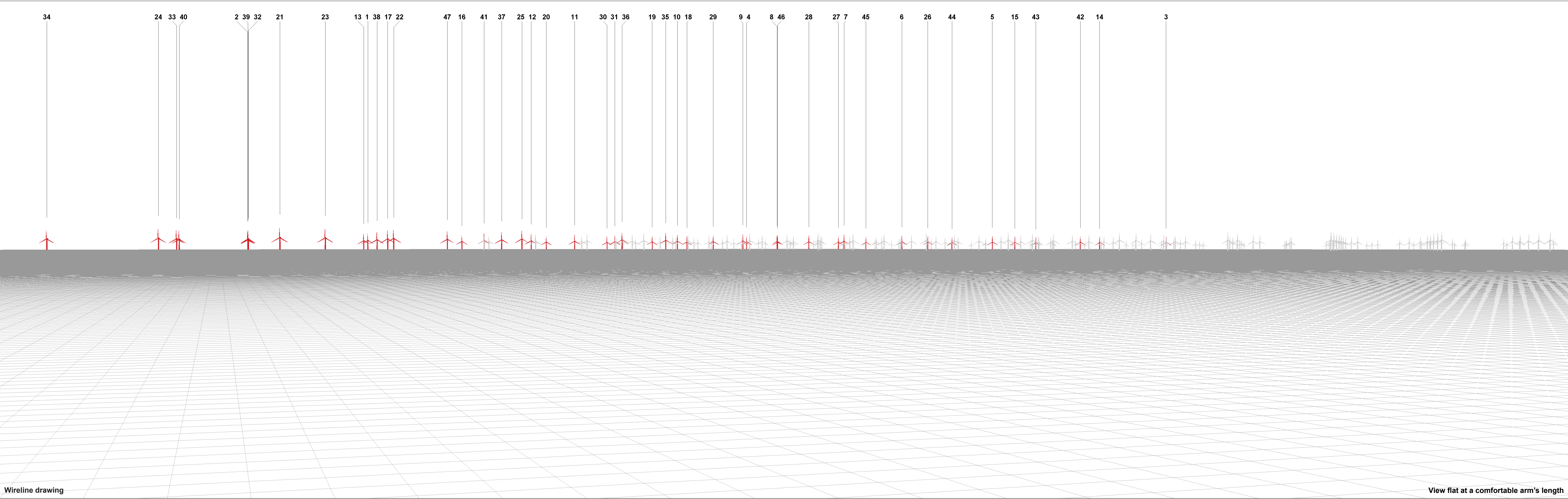
This image provides landscape and visual context only



Cumulative wireline drawing

|                    |                   |                             |                              |                |                      |  |
|--------------------|-------------------|-----------------------------|------------------------------|----------------|----------------------|--|
| OS reference:      | 332053 E 940288 N | Horizontal field of view:   | 90° (cylindrical projection) | Camera:        | Canon EOS 5D Mark II | Figure: 12.8e  |
| Eye level:         | 64.8 mAOD         | Principal distance:         | 522 mm                       | Lens:          | Canon EF 50mm f/1.4  | Viewpoint 8: Whaligoe Steps  |
| Direction of view: | 308°              | Paper size:                 | 841 x 297 mm (half A1)       | Camera height: | 1.5 m                | Caledonia North  |
| Nearest turbine:   | 27.47 km          | Correct printed image size: | 820 x 130 mm                 | Date and time: | 17.10.2023 14:16     | © Crown copyright, All rights reserved (2023). Licence number 0100031673 |









|                           |                   |                                    |                           |                       |                      |
|---------------------------|-------------------|------------------------------------|---------------------------|-----------------------|----------------------|
| <b>OS reference:</b>      | 332053 E 940288 N | <b>Horizontal field of view:</b>   | 53.5° (planar projection) | <b>Camera:</b>        | Canon EOS 5D Mark II |
| <b>Eye level:</b>         | 64.8 mAOD         | <b>Principal distance:</b>         | 812.5 mm                  | <b>Lens:</b>          | Canon EF 50mm f/1.4  |
| <b>Direction of view:</b> | 110°              | <b>Paper size:</b>                 | 841 x 297 mm (half A1)    | <b>Camera height:</b> | 1.5 m                |
| <b>Nearest turbine:</b>   | 27.47 km          | <b>Correct printed image size:</b> | 820 x 260 mm              | <b>Date and time:</b> | 17.10.2023 14:16     |

**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:      | 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:   | 27.47 km          | Correct printed image size: | 820 x 260 mm              | Date and time: | 17.10.2023 14:16     |

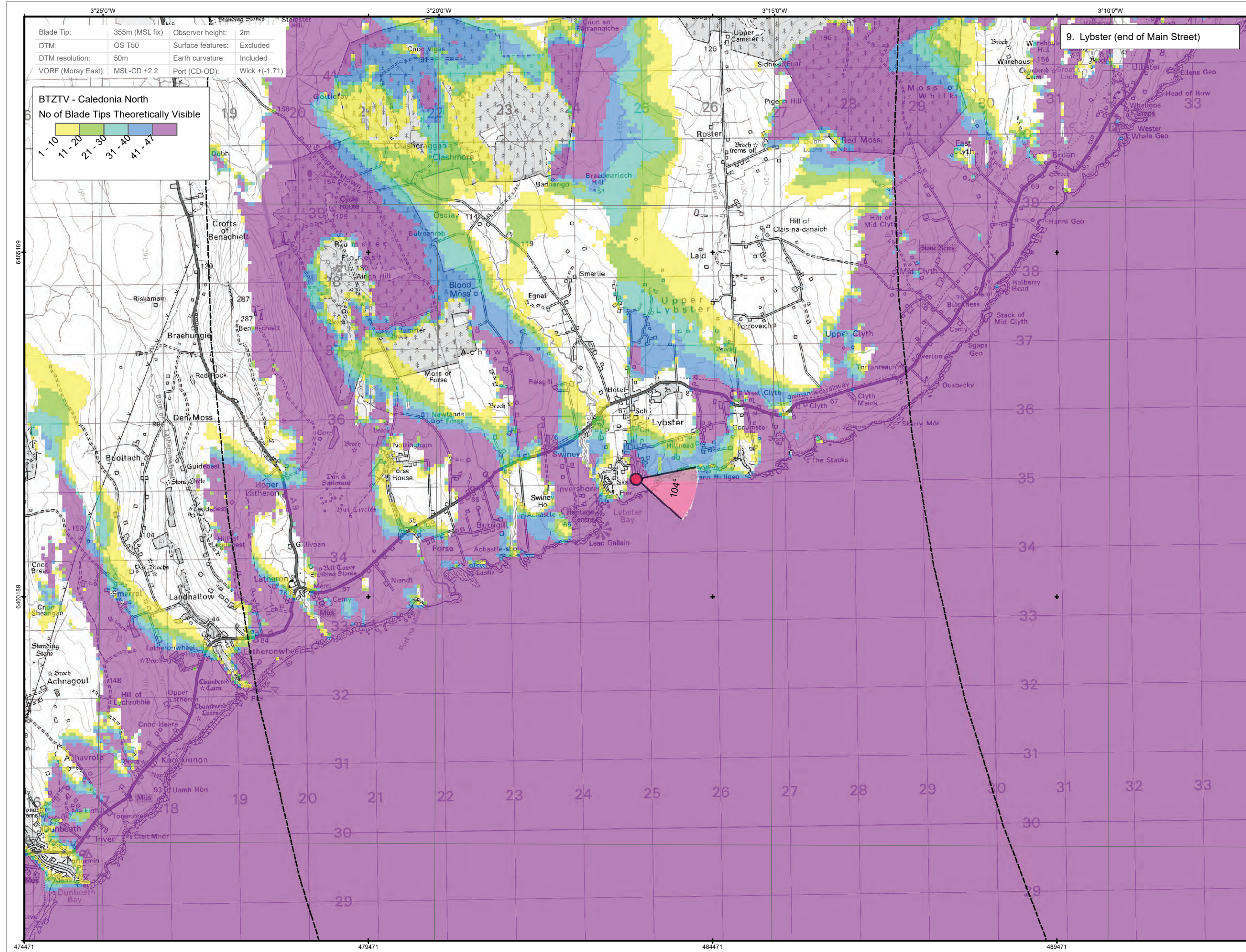
Operational and Under Construction offshore wind farms have been photomontaged in this view.

Figure: 12.8h  
Viewpoint 8: Whaligoe Steps  
Caledonia North





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 North Fixed

OSP

Caledonia North

Caledonia South

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 Cullinness 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

Offshore Wind Farm

open

optimised environments

PART OF SLR

CONTRACTOR DRAWING NO

UKCAL1\_OPN\_WNF\_ENV\_SLV\_MAP\_00118

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 North

STATUS

Approved

DRAWING NUMBER

N/A

SCALE

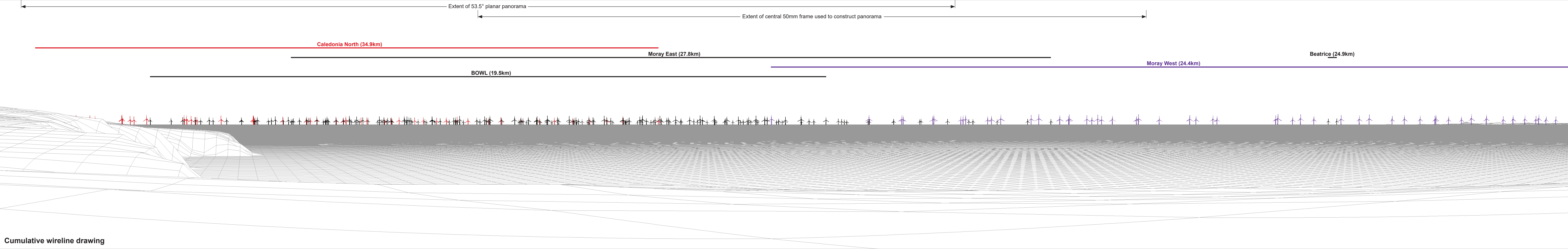
1:200,000  
1:50,000

SHEET NO

09 of 22

N/A



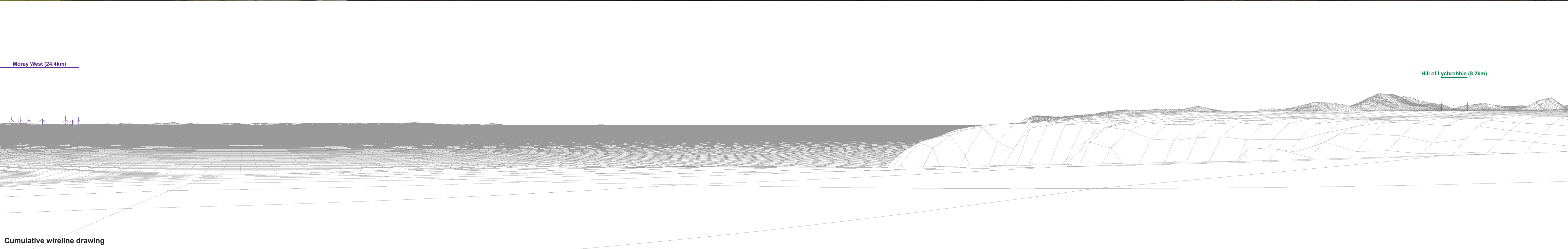






Baseline photograph

This image provides landscape and visual context only



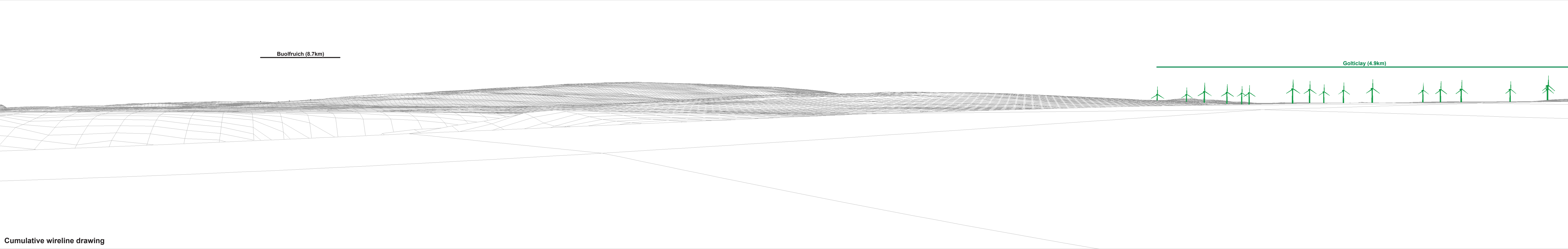
Cumulative wireline drawing





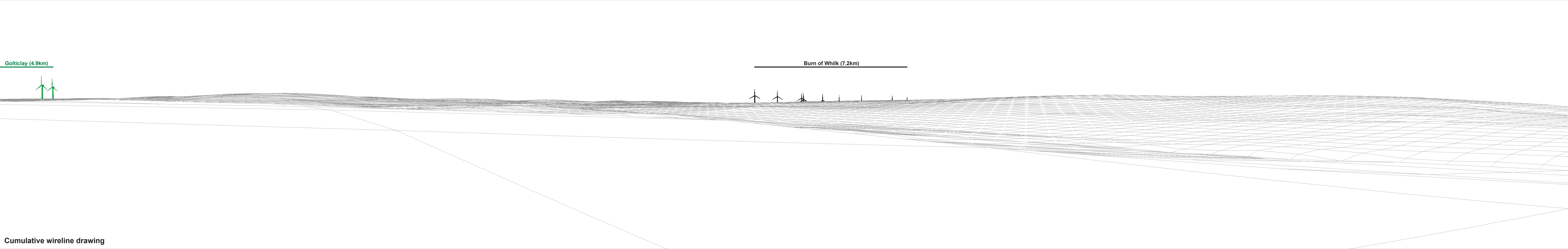
Baseline photograph

This image provides landscape and visual context only

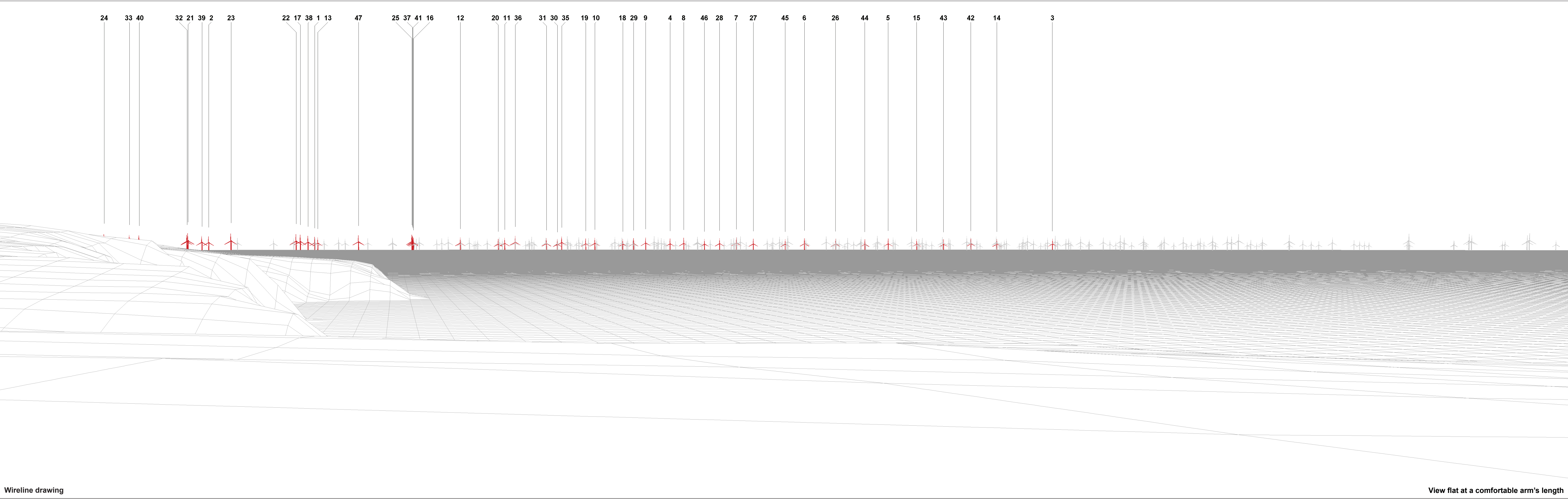


Cumulative wireline drawing













Baseline photograph.

View flat at a comfortable arm's length

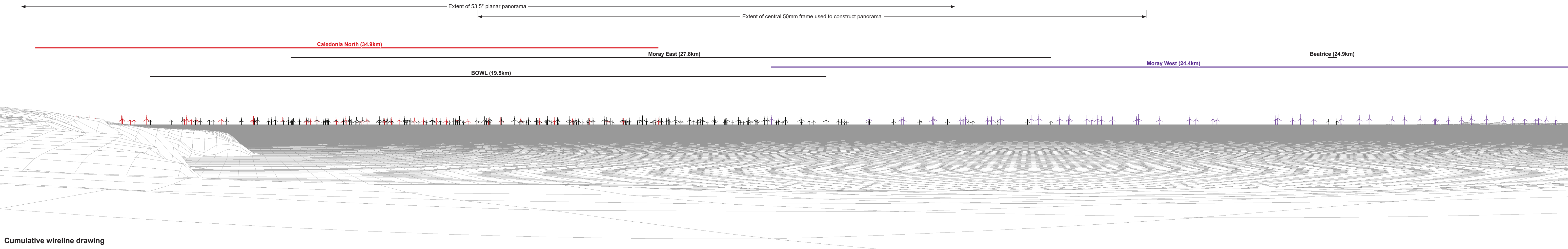
|                    |                   |                             |                           |                |                      |   |   |
|--------------------|-------------------|-----------------------------|---------------------------|----------------|----------------------|---|---|
| OS reference:      | 324836 E 935074 N | Horizontal field of view:   | 53.5° (planar projection) | Camera:        | Canon EOS 5D Mark II | Operational and Under Construction offshore wind farms<br>have been photomontaged in this view. | Figure: 12.9g<br>Viewpoint 9: Lybster (end of Main Street)<br>Caledonia North |
| 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:   | 34.93 km          | Correct printed image size: | 820 x 260 mm              | Date and time: | 16.10.2023 12:08     |   |   |
|                    |                   |                             |                           |                |                      |   |   |

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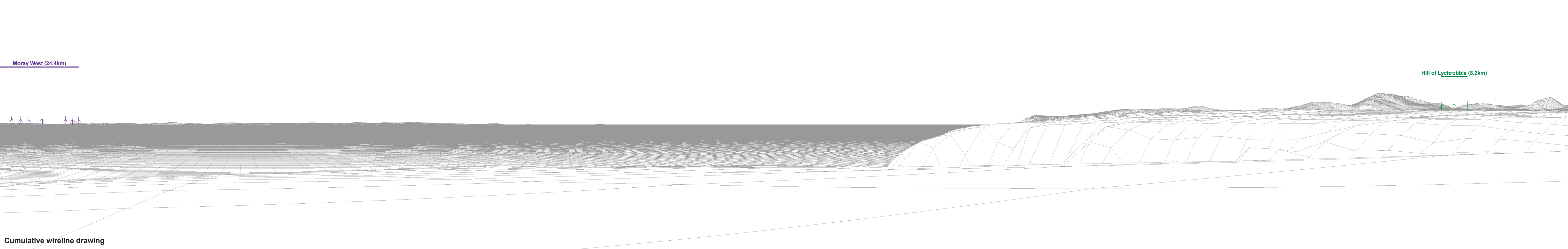






Baseline photograph

This image provides landscape and visual context only



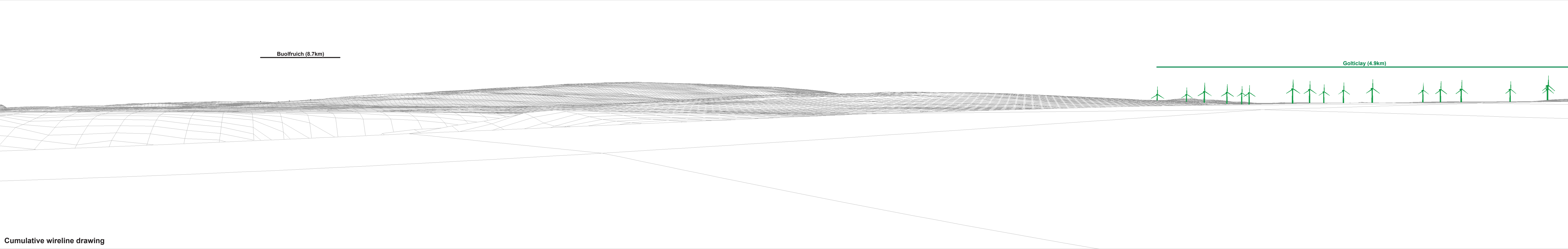
Cumulative wireline drawing





Baseline photograph

This image provides landscape and visual context only



Cumulative wireline drawing





Baseline photograph

This image provides landscape and visual context only

Golticlay (4.9km)



Burn of Whilk (7.2km)

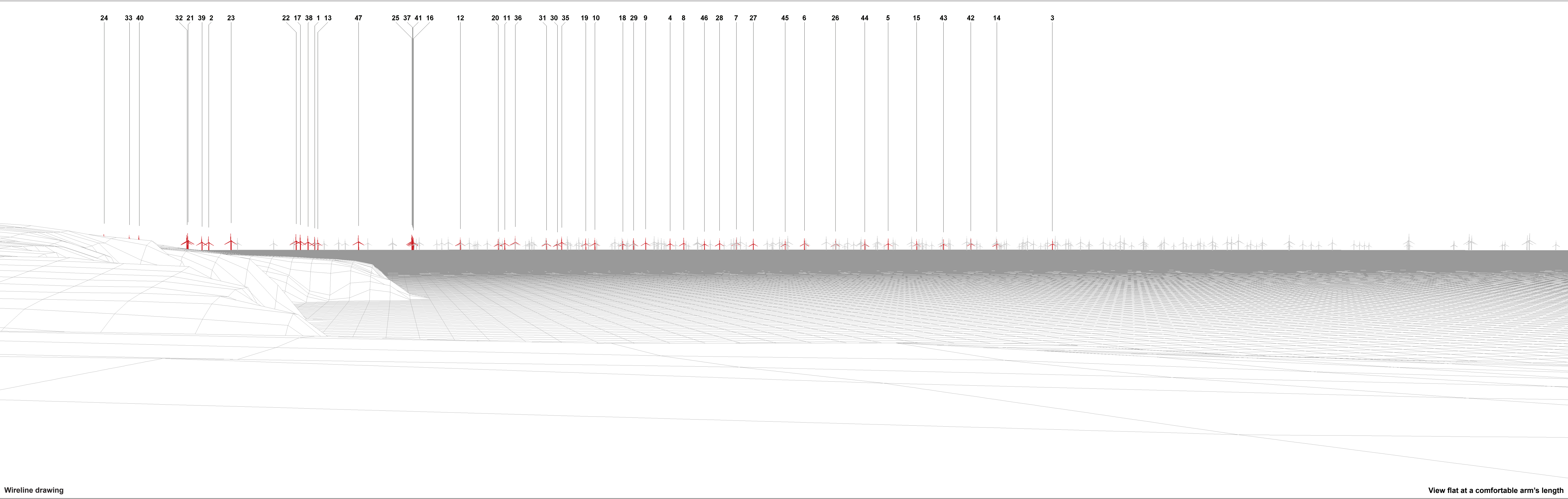


Cumulative wireline drawing

|                    |                   |                             |                              |                |                      |
|--------------------|-------------------|-----------------------------|------------------------------|----------------|----------------------|
| 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:   | 34.93 km          | Correct printed image size: | 820 x 130 mm                 | Date and time: | 17.10.2023 19:00     |

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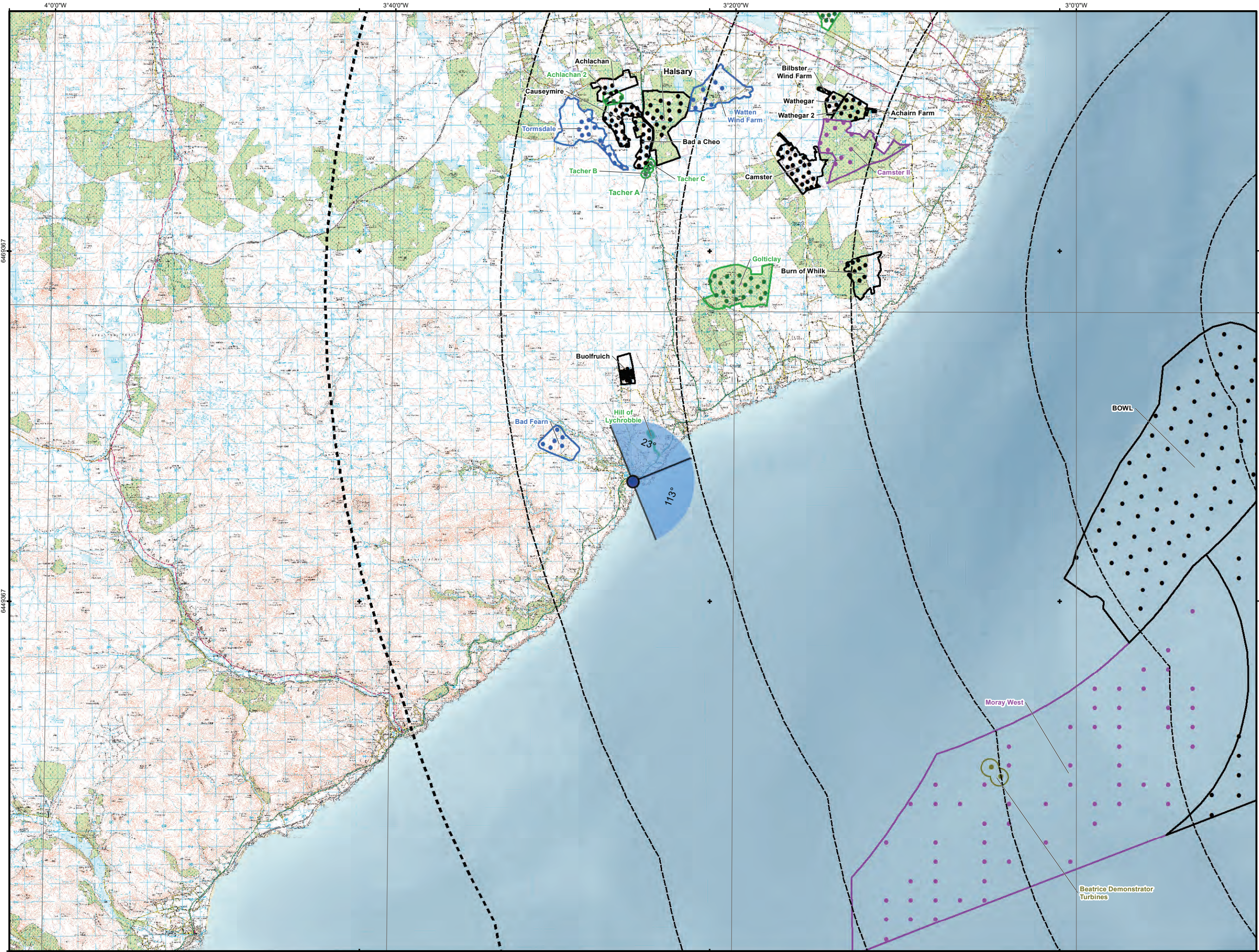




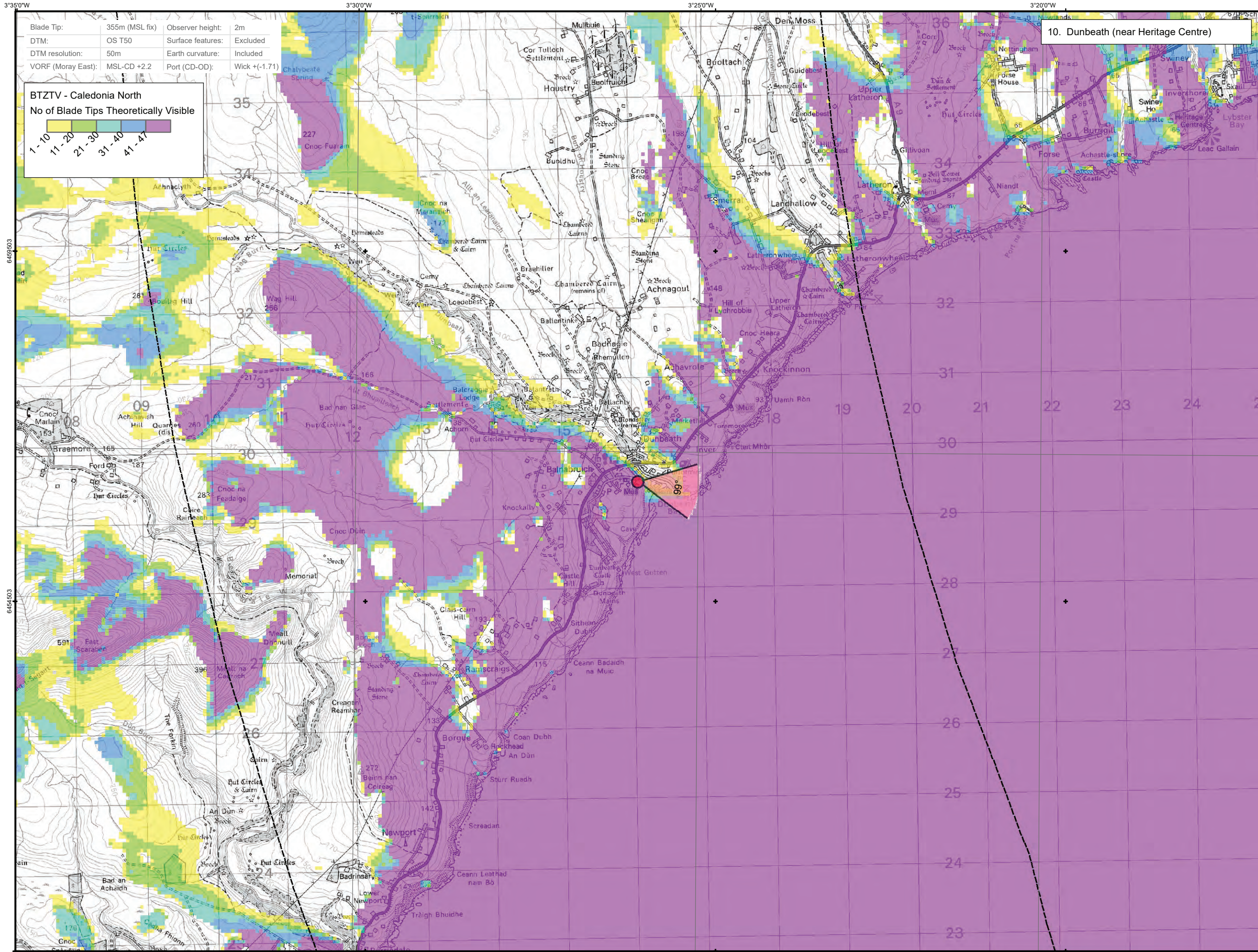








Viewpoint Location Plan Baseline Panorama (90° View)  
Scale: 1:200,000



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

90°Field of View

53.5°Field of View

Caledonia North Fixed

Fixed (47 x 25MW)

OSP

Caledonia North

Caledonia South

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

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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SLR

CONTRACTOR DRAWING NO

UKCAL1\_OPN\_WNF\_ENV\_SLV\_MAP\_00119

CONTRACTOR REV

03

GEODETIC PARAMETERS

WGS 1984 UTM Zone 30N (EPSG:32630)

DRAWING TITLE

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

Caledonia North

STATUS

Approved

SCALE

1:200,000  
1:50,000

DRAWING NUMBER

N/A

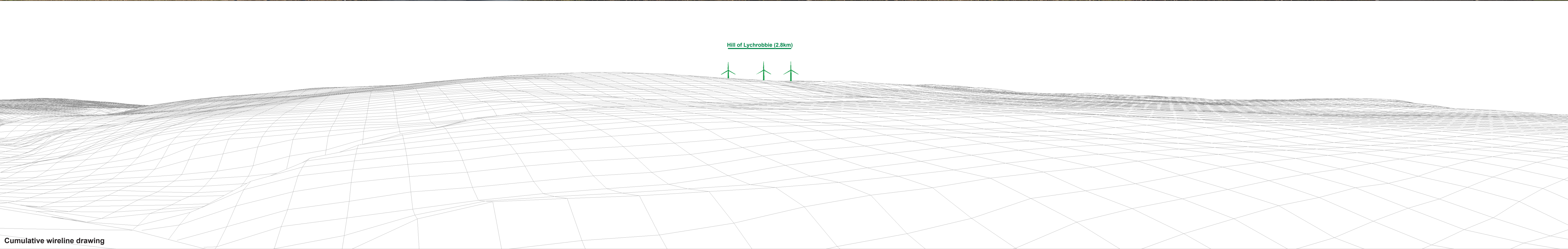
SHEET NO

10 of 22

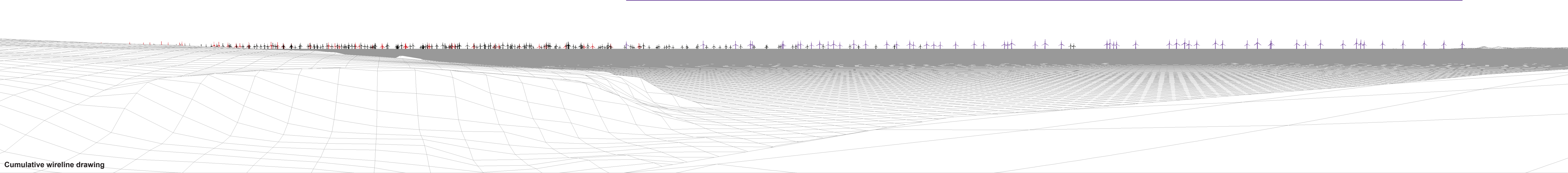
REV

N/A

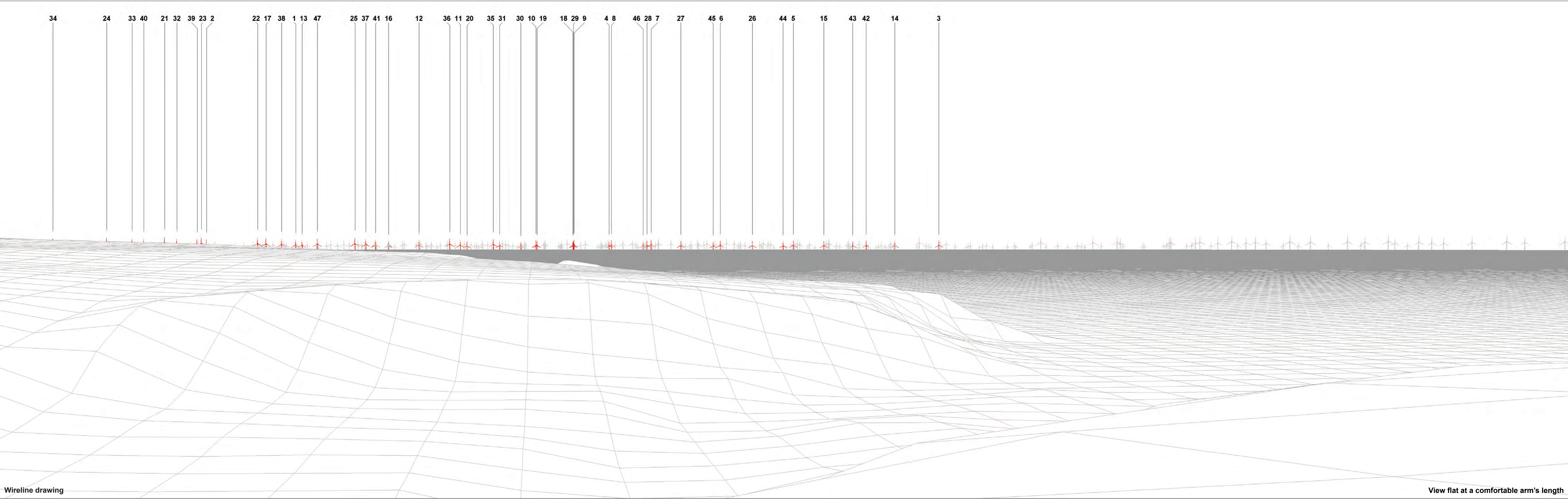












Wireline drawing

View flat at a comfortable arm's length





Baseline photograph.

View flat at a comfortable arm's length

|                           |                   |                                    |                           |                       |                      |   |   |
|---------------------------|-------------------|------------------------------------|---------------------------|-----------------------|----------------------|---|---|
| <b>OS reference:</b>      | 316071 E 929517 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: 12.10e</b><br><b>Viewpoint 10: Dunbeath (near Heritage Centre)</b><br><b>Caledonia North</b> |
| <b>Eye level:</b>         | 47.1 mAOD         | <b>Principal distance:</b>         | 812.5 mm                  | <b>Lens:</b>          | Canon EF 50mm f/1.4  |   |   |
| <b>Direction of view:</b> | 99°               | <b>Paper size:</b>                 | 841 x 297 mm (half A1)    | <b>Camera height:</b> | 1.5 m                |   |   |
| <b>Nearest turbine:</b>   | 44.53 km          | <b>Correct printed image size:</b> | 820 x 260 mm              | <b>Date and time:</b> | 16.10.2023 10:00     |   |   |
|                           |                   |                                    |                           |                       |                      |   |   |

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Photomontage: Proposed Development.

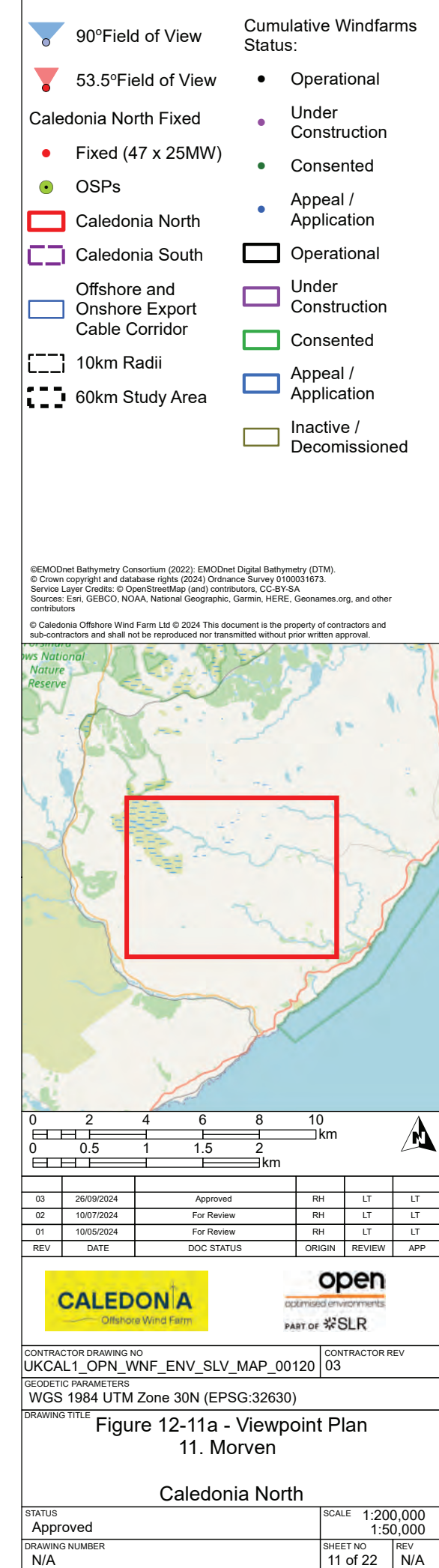
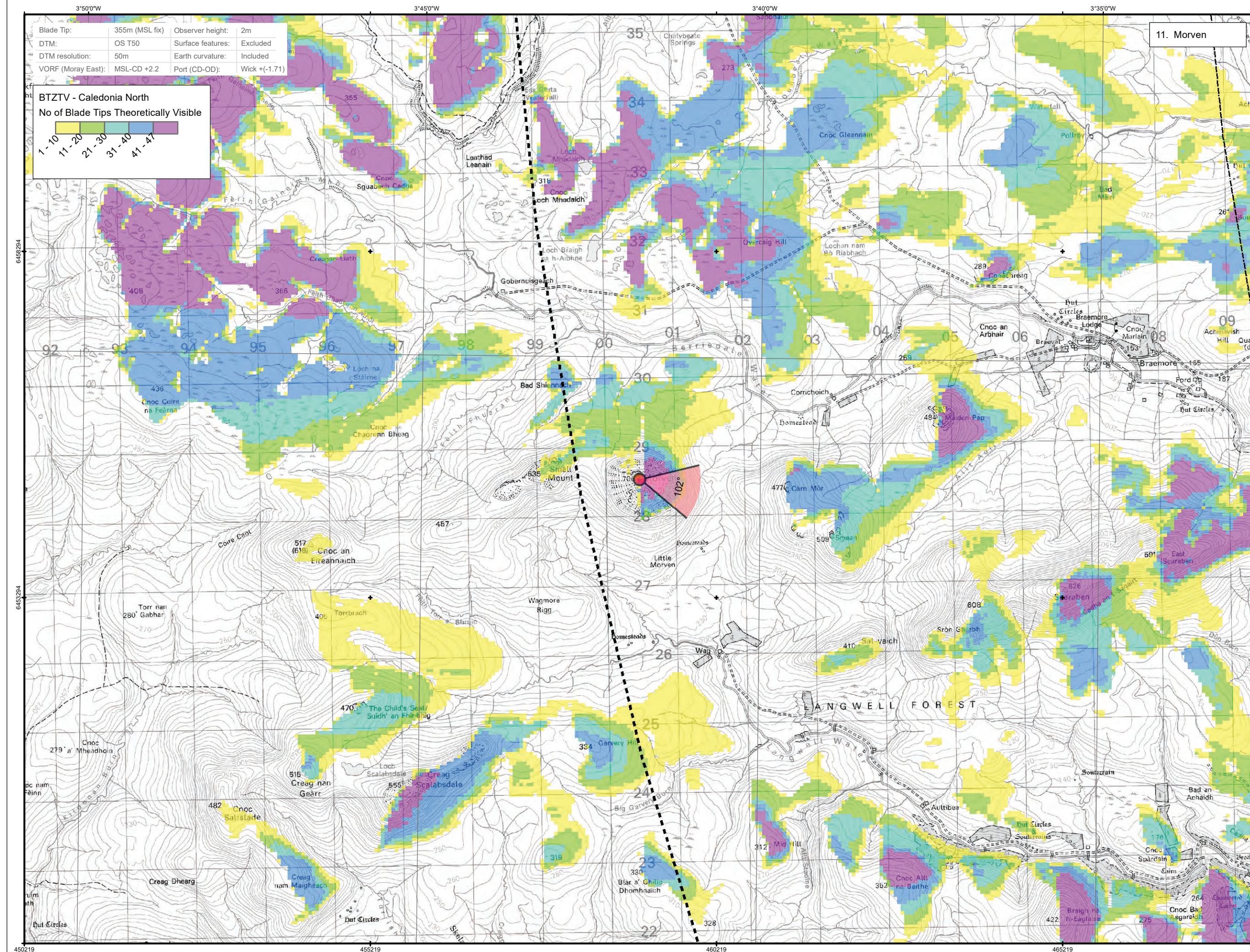
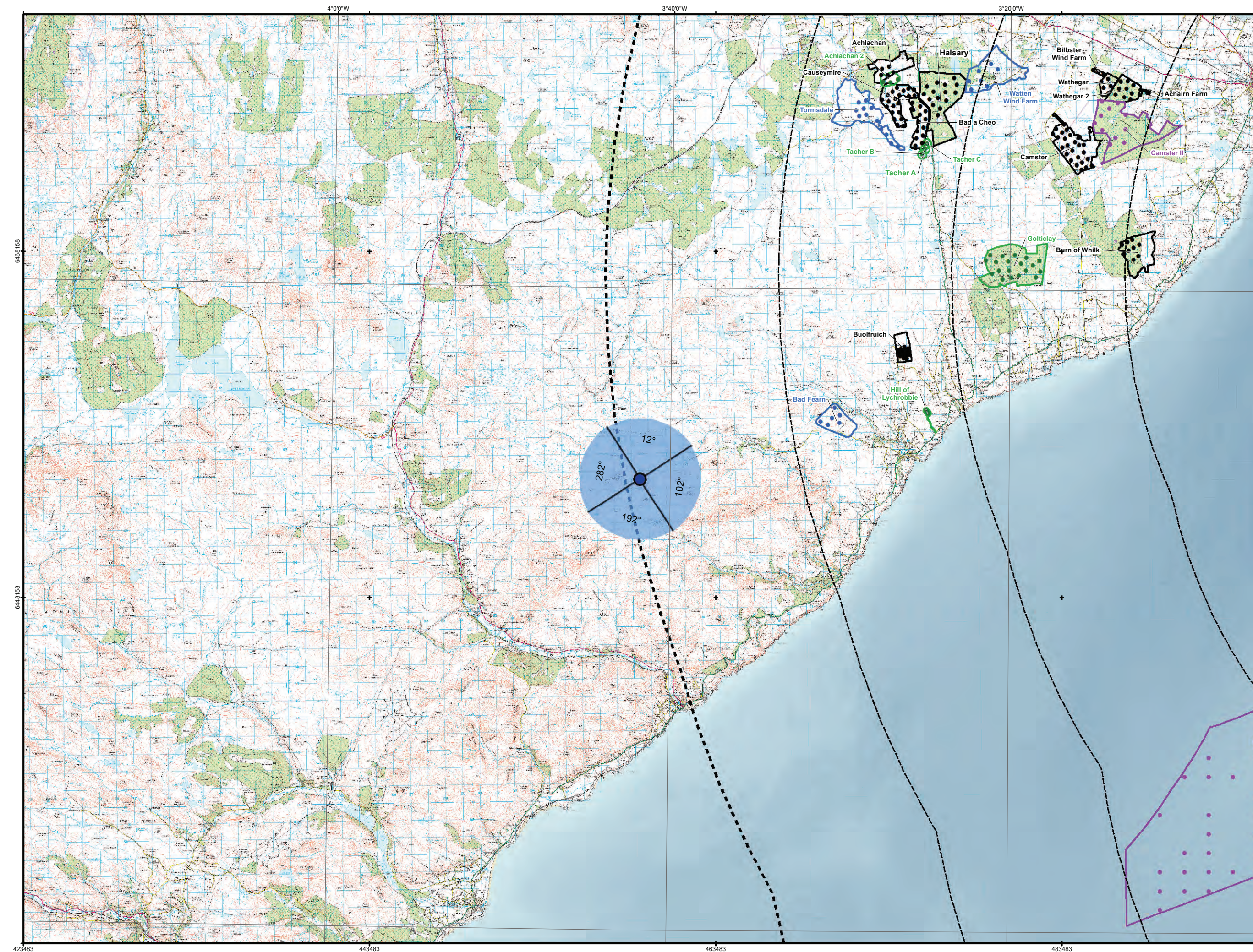
View flat at a comfortable arm's length

|                    |                   |                             |                           |                |                      |
|--------------------|-------------------|-----------------------------|---------------------------|----------------|----------------------|
| 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:   | 44.53 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 North



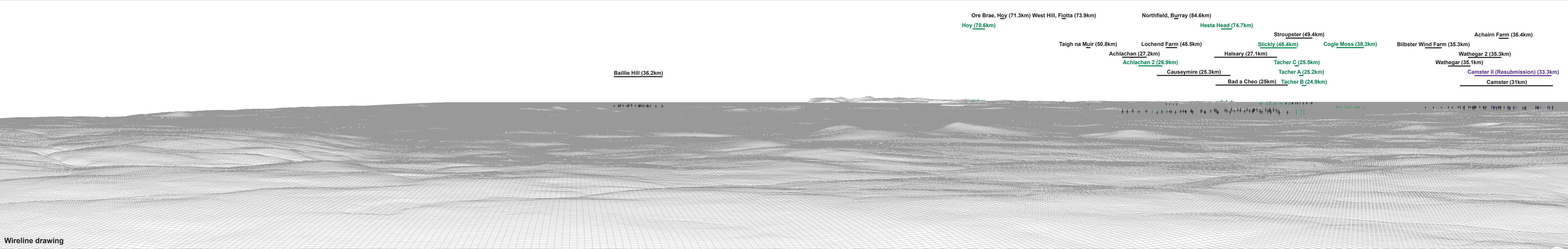






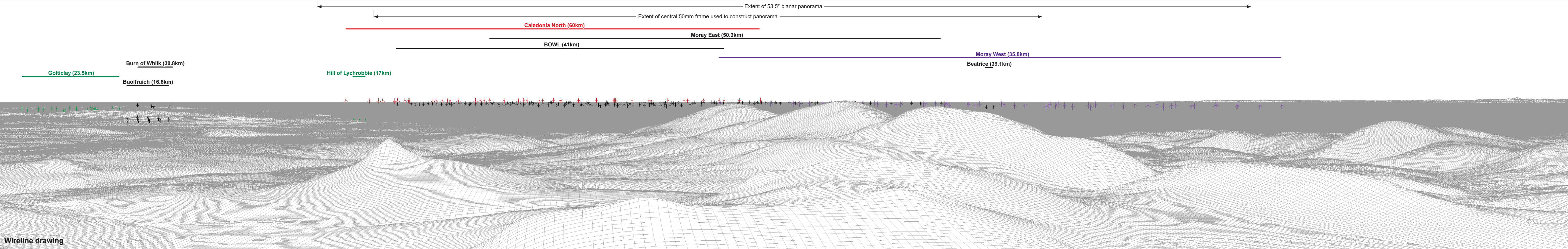
Baseline photograph

This image provides landscape and visual context only



Wireline drawing



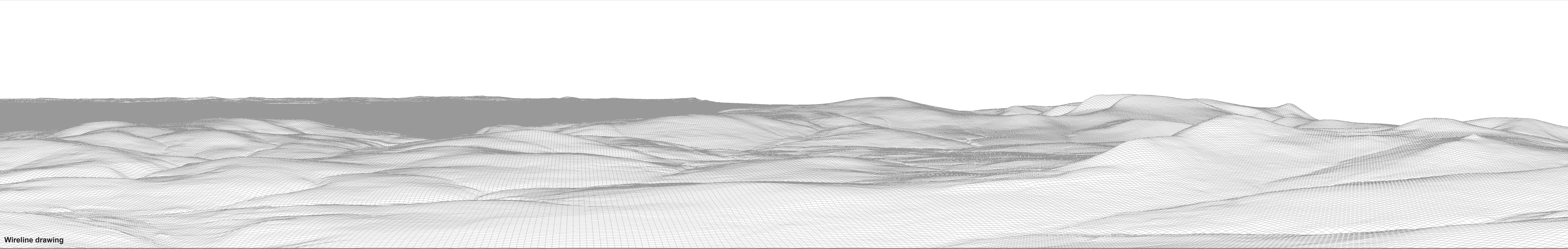






Baseline photograph

This image provides landscape and visual context only



Wireline drawing

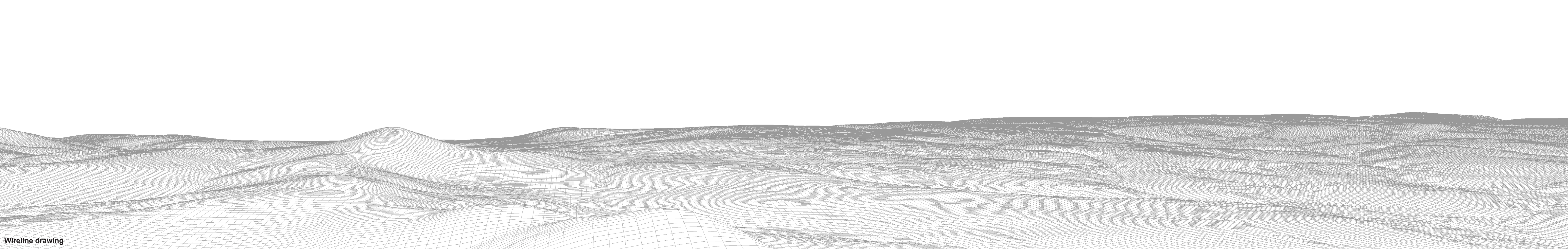
|                           |                    |                                    |                              |                       |                      |                             |
|---------------------------|--------------------|------------------------------------|------------------------------|-----------------------|----------------------|-----------------------------|
| <b>OS reference:</b>      | 300474 E 9285369 N | <b>Horizontal field of view:</b>   | 90° (cylindrical projection) | <b>Camera:</b>        | Canon EOS 5D Mark II | <b>Figure: 12.11d</b>       |
| <b>Eye level:</b>         | 703.3 mAOD         | <b>Principal distance:</b>         | 522 mm                       | <b>Lens:</b>          | Canon EF 50mm f/1.4  | <b>Viewpoint 11: Morven</b> |
| <b>Direction of view:</b> | 192°               | <b>Paper size:</b>                 | 841 x 297 mm (half A1)       | <b>Camera height:</b> | 1.5 m                | <b>Caledonia North</b>      |
| <b>Nearest turbine:</b>   | 60.01 km           | <b>Correct printed image size:</b> | 820 x 130 mm                 | <b>Date and time:</b> | 03.05.2024 16:11     |                             |





Baseline photograph

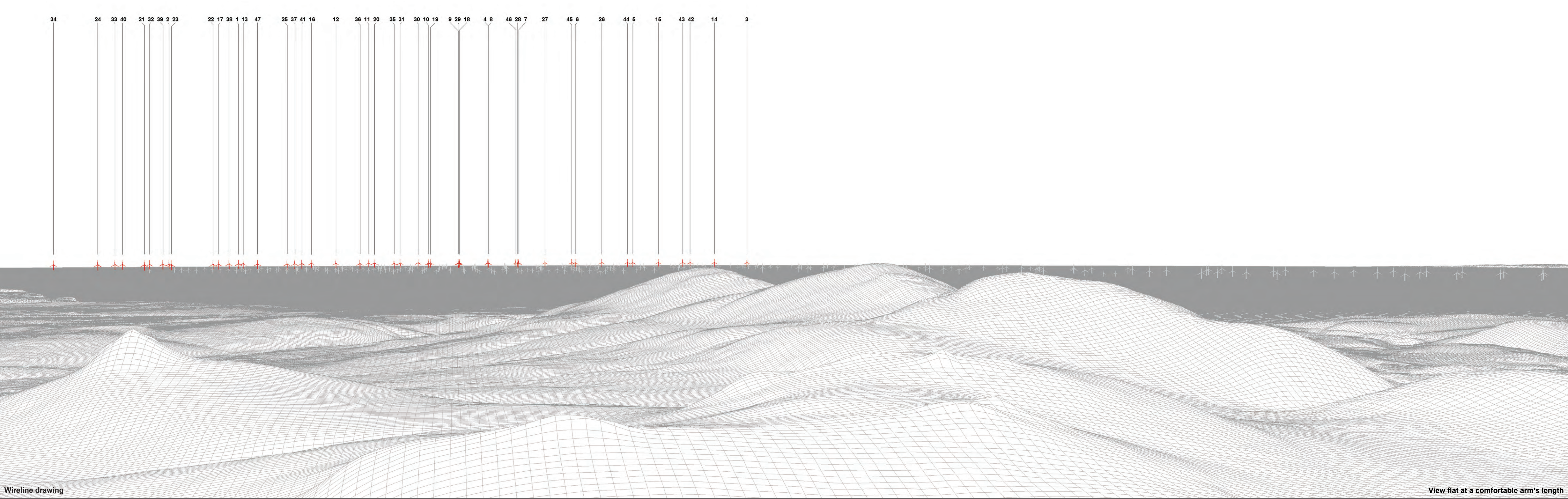
This image provides landscape and visual context only



Wireline drawing

|                           |                    |                                    |                              |                       |                      |                             |
|---------------------------|--------------------|------------------------------------|------------------------------|-----------------------|----------------------|-----------------------------|
| <b>OS reference:</b>      | 300474 E 9285369 N | <b>Horizontal field of view:</b>   | 90° (cylindrical projection) | <b>Camera:</b>        | Canon EOS 5D Mark II | <b>Figure: 12.11e</b>       |
| <b>Eye level:</b>         | 703.3 mAOD         | <b>Principal distance:</b>         | 522 mm                       | <b>Lens:</b>          | Canon EF 50mm f/1.4  | <b>Viewpoint 11: Morven</b> |
| <b>Direction of view:</b> | 282°               | <b>Paper size:</b>                 | 841 x 297 mm (half A1)       | <b>Camera height:</b> | 1.5 m                | <b>Caledonia North</b>      |
| <b>Nearest turbine:</b>   | 60.01 km           | <b>Correct printed image size:</b> | 820 x 130 mm                 | <b>Date and time:</b> | 03.05.2024 16:11     |                             |





Wireline drawing

View flat at a comfortable arm's length





Baseline photograph: Operational and Under Construction windfarms have been montaged in this view.

View flat at a comfortable arm's length

|                    |                    |                             |                           |                |                      |
|--------------------|--------------------|-----------------------------|---------------------------|----------------|----------------------|
| OS reference:      | 300474 E 9285369 N | Horizontal field of view:   | 53.5° (planar projection) | Camera:        | Canon EOS 5D Mark II |
| Eye level:         | 703.3 mAOD         | Principal distance:         | 812.5 mm                  | Lens:          | Canon EF 50mm f/1.4  |
| Direction of view: | 102°               | Paper size:                 | 841 x 297 mm (half A1)    | Camera height: | 1.5 m                |
| Nearest turbine:   | 60.01 km           | Correct printed image size: | 820 x 260 mm              | Date and time: | 03.05.2024 16:11     |

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

Figure: 12.11g  
Viewpoint 11: Morven  
Caledonia North



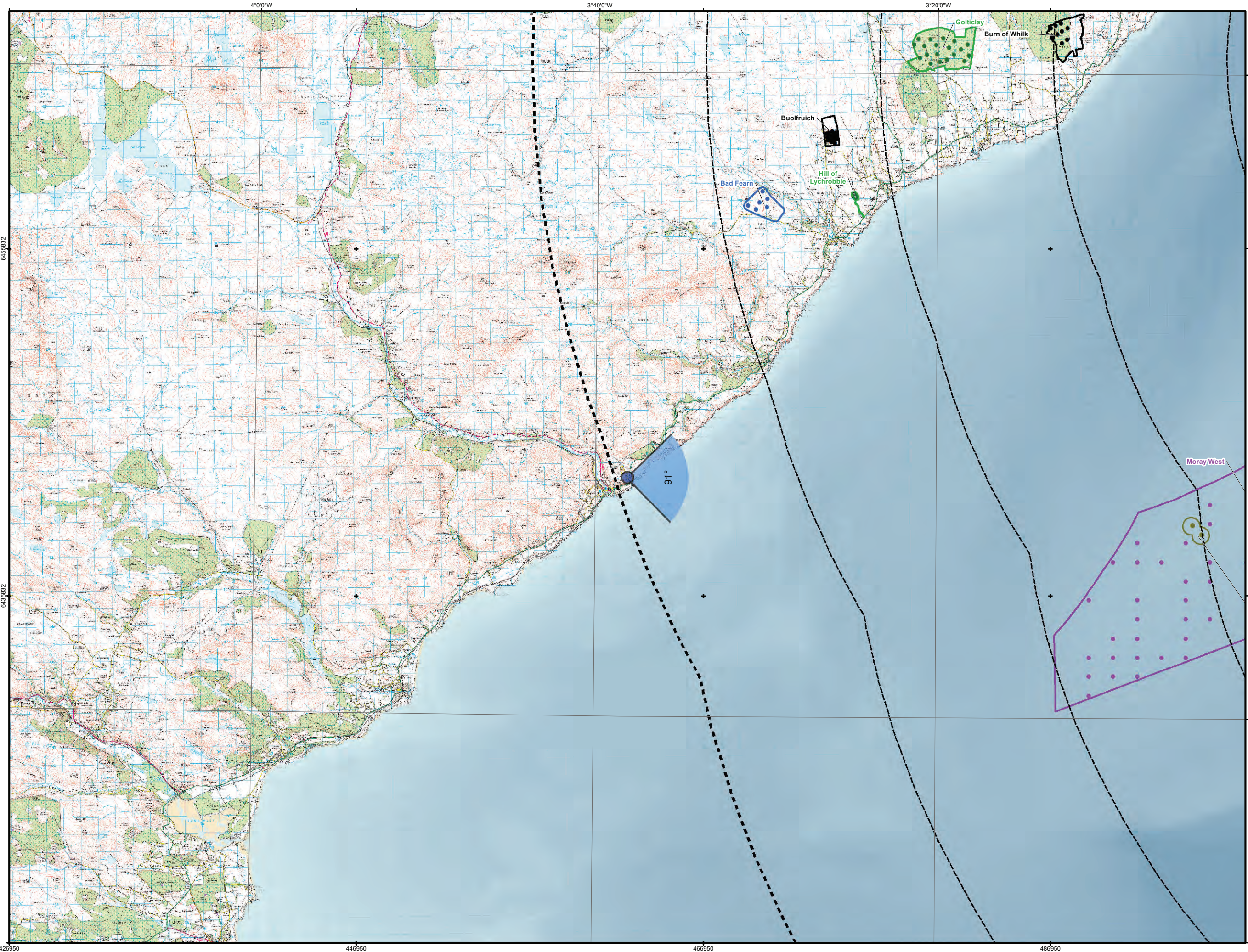


Photomontage: Proposed Development.

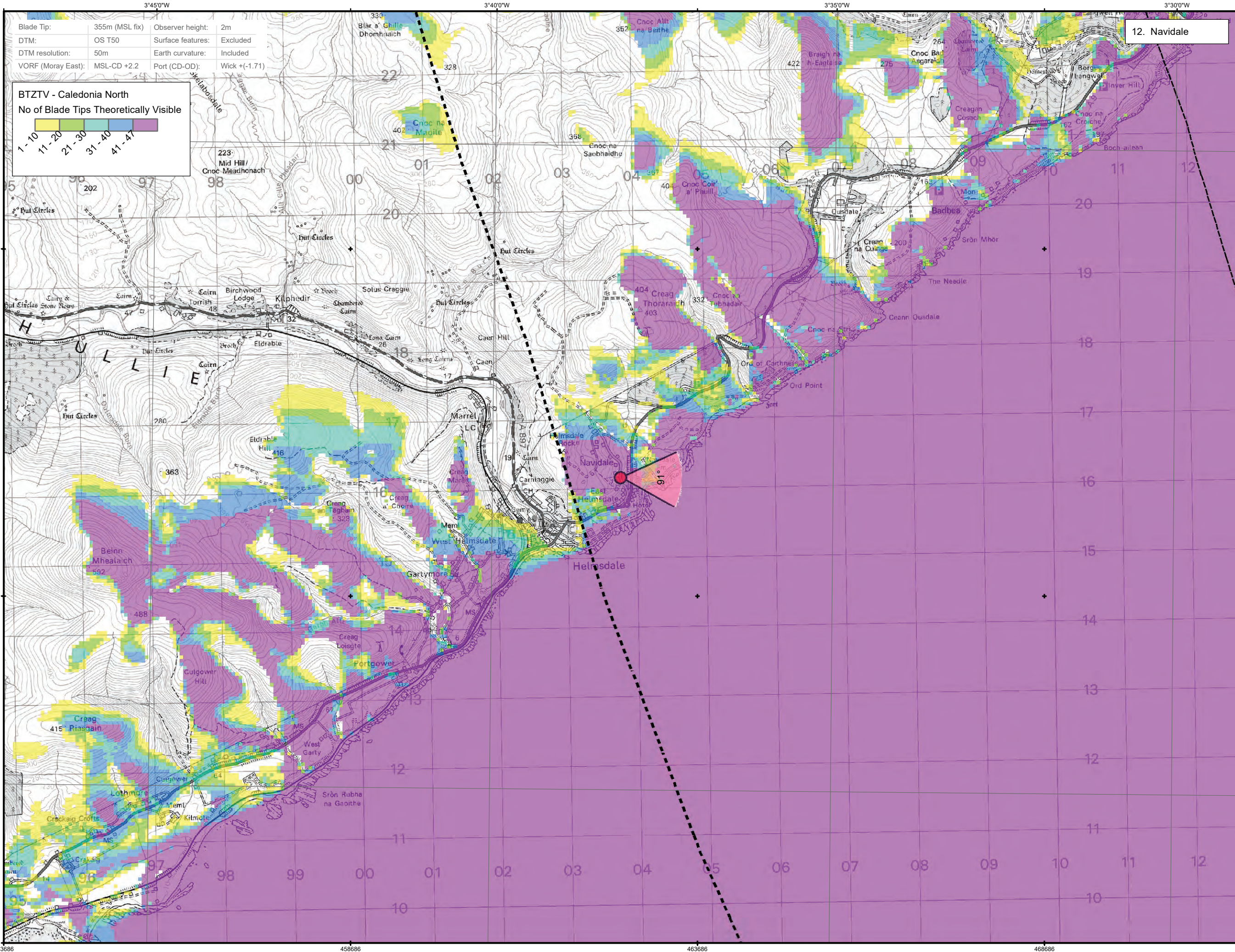
View flat at a comfortable arm's length

|                           |                    |                                    |                           |                       |                      |   |  |
|---------------------------|--------------------|------------------------------------|---------------------------|-----------------------|----------------------|---|--|
| <b>OS reference:</b>      | 300474 E 9285369 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: 12.11h</b><br><b>Viewpoint 11: Morven Caledonia North</b> |
| <b>Eye level:</b>         | 703.3 mAOD         | <b>Principal distance:</b>         | 812.5 mm                  | <b>Lens:</b>          | Canon EF 50mm f/1.4  |   |  |
| <b>Direction of view:</b> | 102°               | <b>Paper size:</b>                 | 841 x 297 mm (half A1)    | <b>Camera height:</b> | 1.5 m                |   |  |
| <b>Nearest turbine:</b>   | 60.01 km           | <b>Correct printed image size:</b> | 820 x 260 mm              | <b>Date and time:</b> | 03.05.2024 16:11     |   |  |





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 North Fixed

Fixed (47 x 25MW)

OSP

Caledonia North

Caledonia South

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 C  
Cliffs  
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A

0

2

4

6

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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\_00121

CONTRACTOR REV  
03

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

DRAWING TITLE  
Figure 12-12a - Viewpoint Plan  
12. Navidale

Caledonia North

STATUS  
Approved

SCALE  
1:200,000  
1:50,000

DRAWING NUMBER  
N/A

SHEET NO  
12 of 22

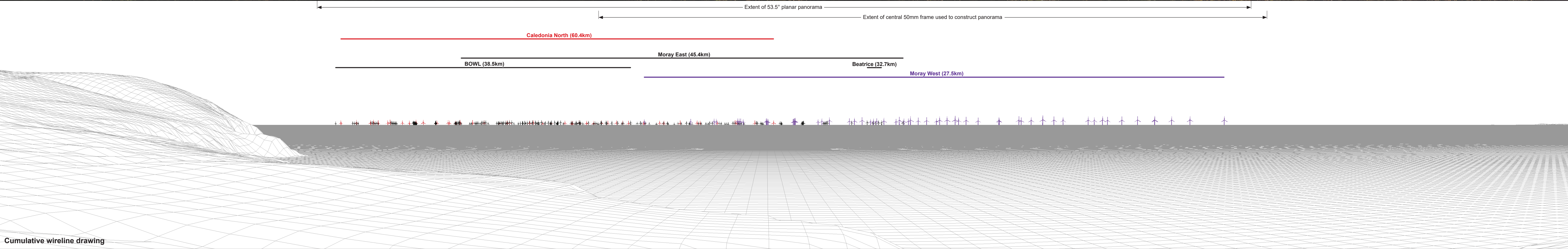
REV  
N/A





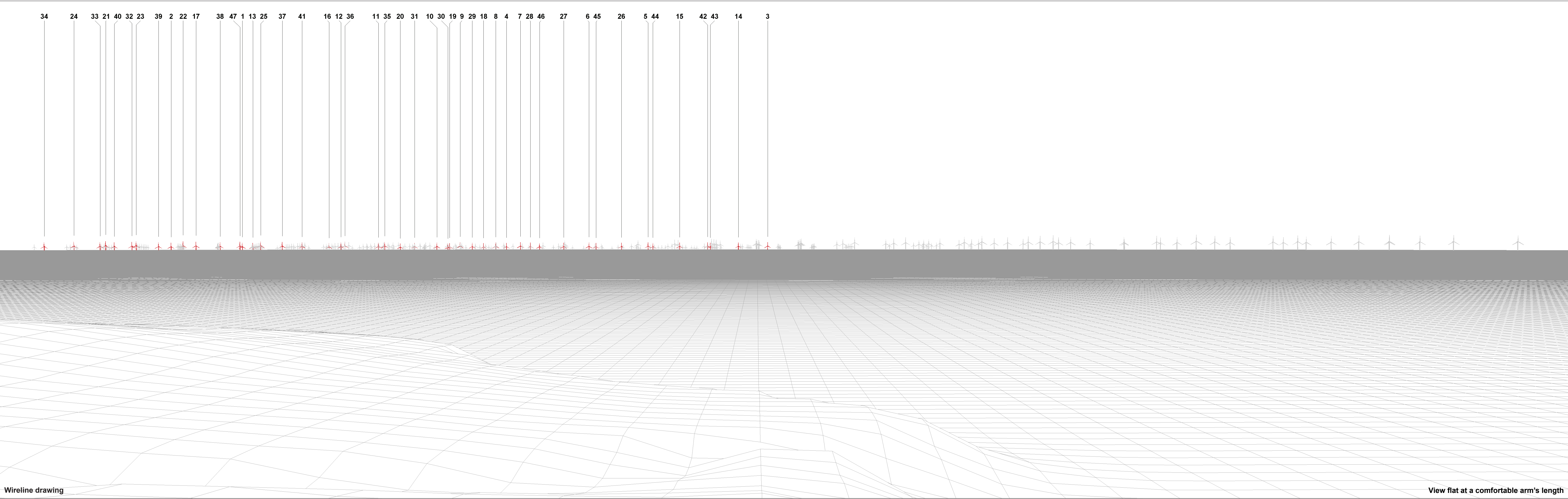
Baseline photograph

This image provides landscape and visual context only



|                    |                   |                             |                              |                |                      |                        |
|--------------------|-------------------|-----------------------------|------------------------------|----------------|----------------------|------------------------|
| OS reference:      | 303766 E 916161 N | Horizontal field of view:   | 90° (cylindrical projection) | Camera:        | Canon EOS 5D Mark II | Figure: 12.12b         |
| Eye level:         | 85.4 mAOD         | Principal distance:         | 522 mm                       | Lens:          | Canon EF 50mm f/1.4  | Viewpoint 12: Navidale |
| Direction of view: | 91°               | Paper size:                 | 841 x 297 mm (half A1)       | Camera height: | 1.5 m                | Caledonia North        |
| Nearest turbine:   | 60.36 km          | Correct printed image size: | 820 x 130 mm                 | Date and time: | 16.10.2023 09:13     |                        |









Baseline photograph.

View flat at a comfortable arm's length

|                    |                   |                             |                           |                |                      |
|--------------------|-------------------|-----------------------------|---------------------------|----------------|----------------------|
| OS reference:      | 303766 E 916161 N | Horizontal field of view:   | 53.5° (planar projection) | Camera:        | Canon EOS 5D Mark II |
| Eye level:         | 85.4 mAOD         | Principal distance:         | 812.5 mm                  | Lens:          | Canon EF 50mm f/1.4  |
| Direction of view: | 91°               | Paper size:                 | 841 x 297 mm (half A1)    | Camera height: | 1.5 m                |
| Nearest turbine:   | 60.36 km          | Correct printed image size: | 820 x 260 mm              | Date and time: | 16.10.2023 09:13     |

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

Figure: 12.12d  
Viewpoint 12: Navidale  
Caledonia North





Photomontage: Proposed Development.

View flat at a comfortable arm's length

|                    |                   |                             |                           |                |                      |
|--------------------|-------------------|-----------------------------|---------------------------|----------------|----------------------|
| OS reference:      | 303766 E 916161 N | Horizontal field of view:   | 53.5° (planar projection) | Camera:        | Canon EOS 5D Mark II |
| Eye level:         | 85.4 mAOD         | Principal distance:         | 812.5 mm                  | Lens:          | Canon EF 50mm f/1.4  |
| Direction of view: | 91°               | Paper size:                 | 841 x 297 mm (half A1)    | Camera height: | 1.5 m                |
| Nearest turbine:   | 60.36 km          | Correct printed image size: | 820 x 260 mm              | Date and time: | 16.10.2023 09:13     |

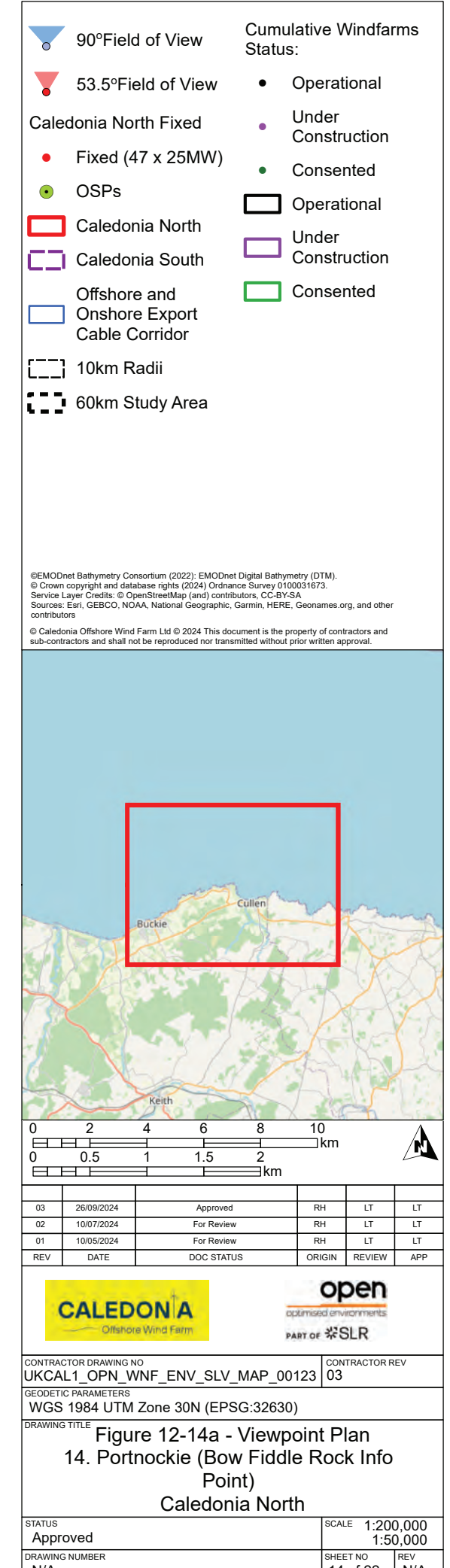
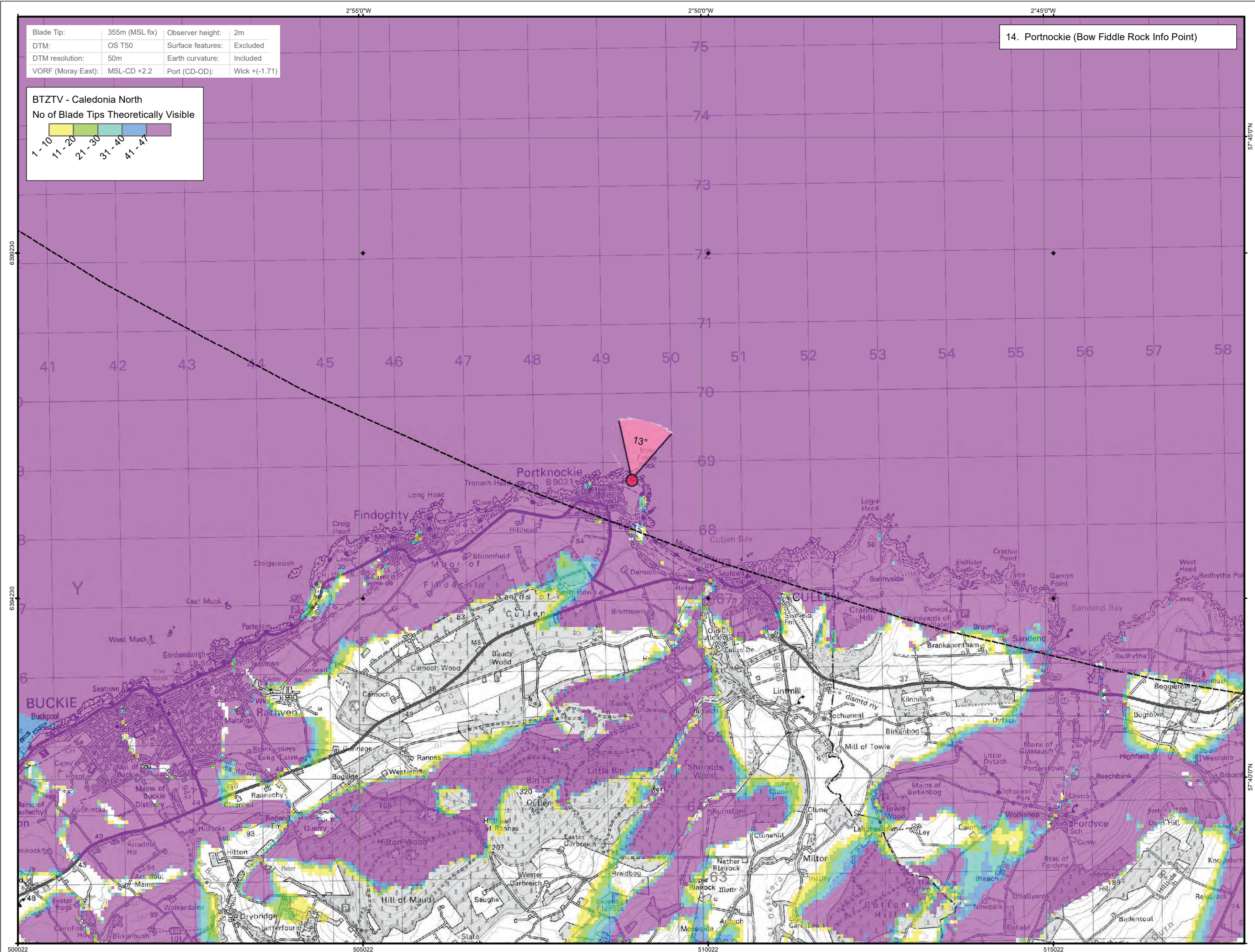
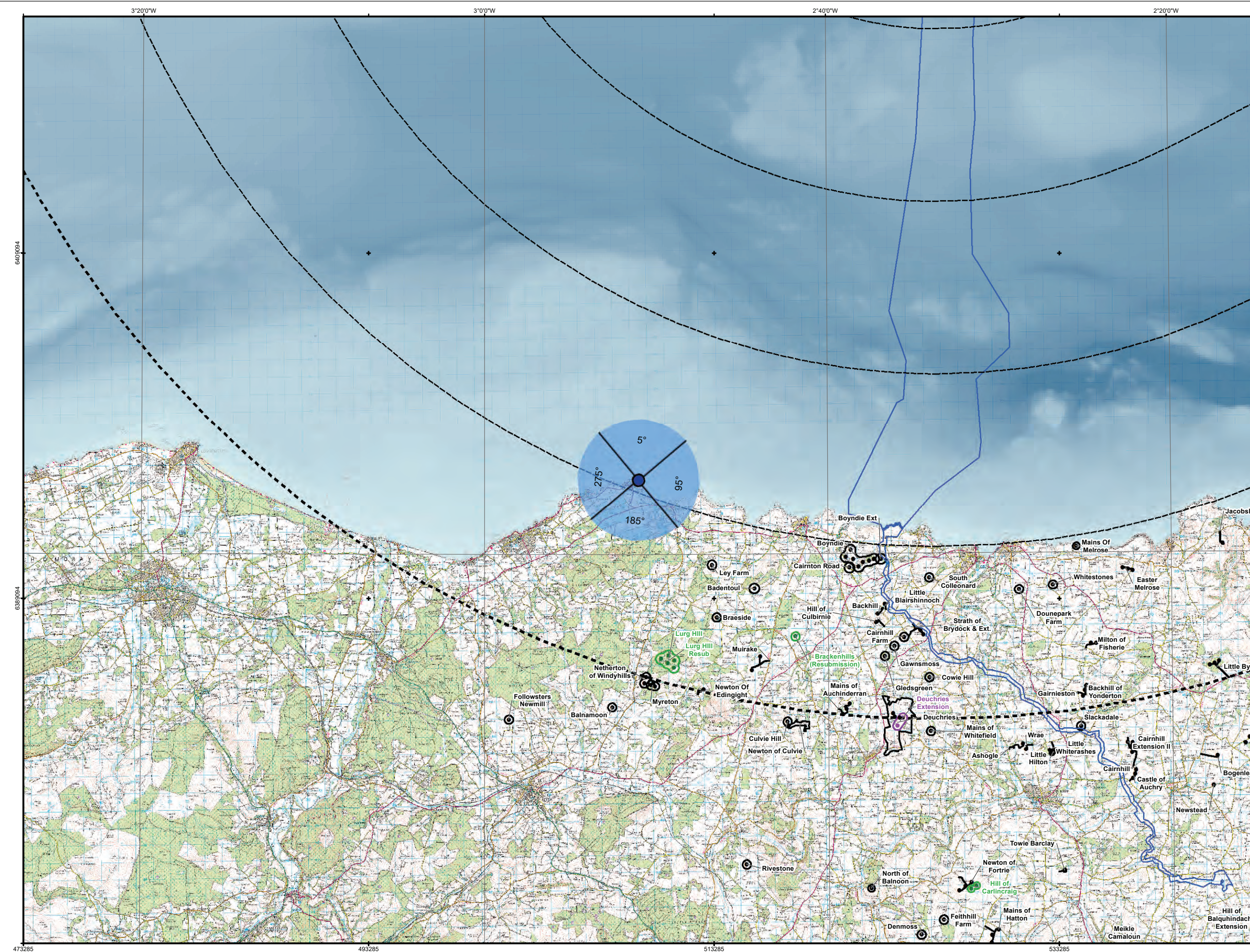
Operational and Under Construction offshore wind farms have been photomontaged in this view.

Figure: 12.12e  
Viewpoint 12: Navidale  
Caledonia North

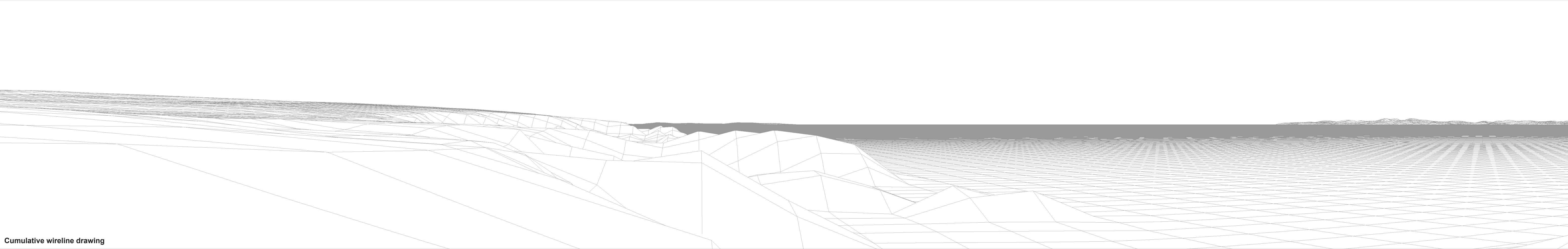




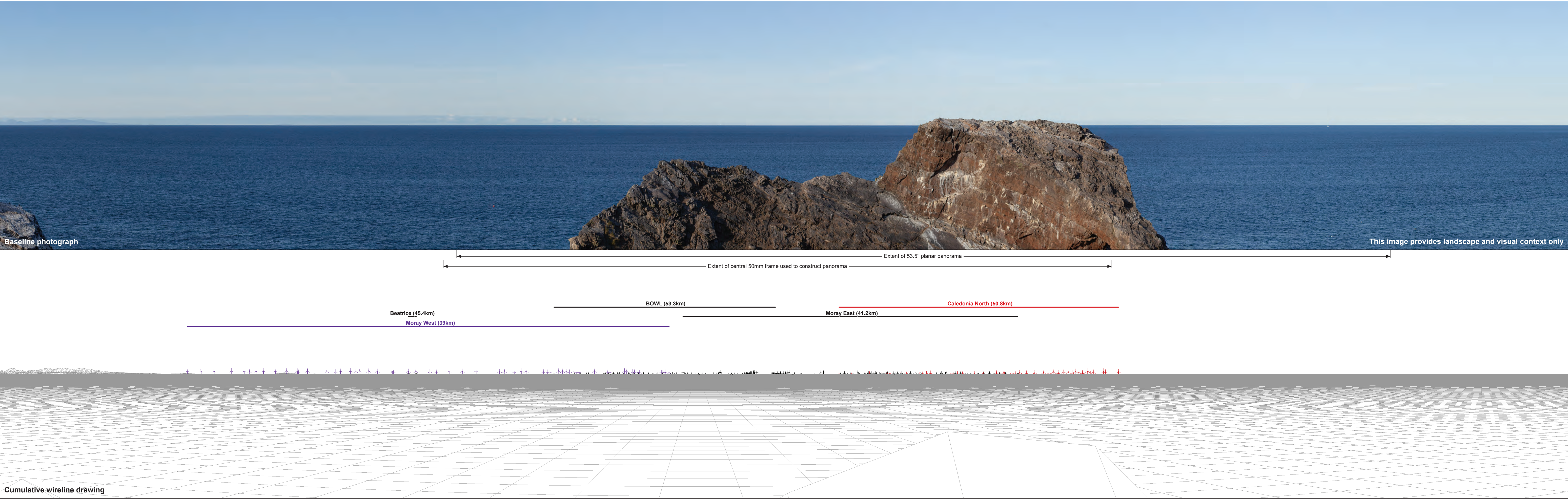




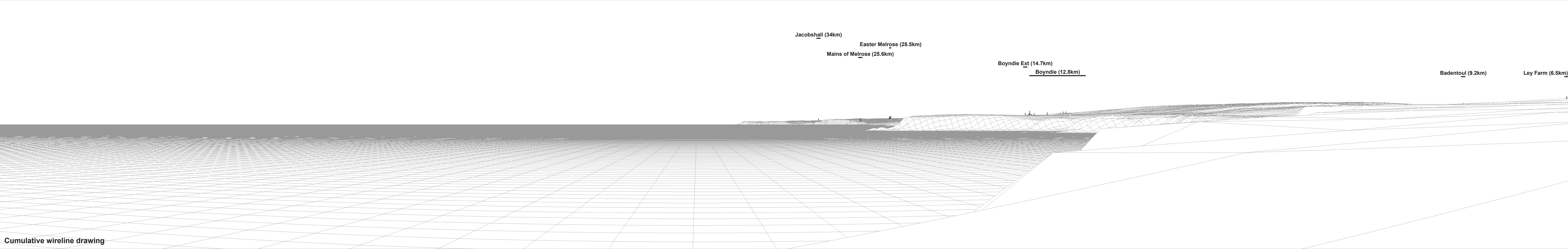










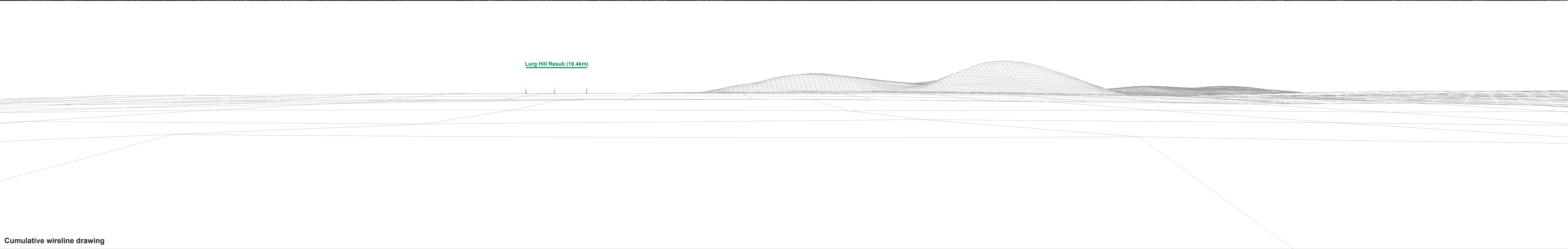






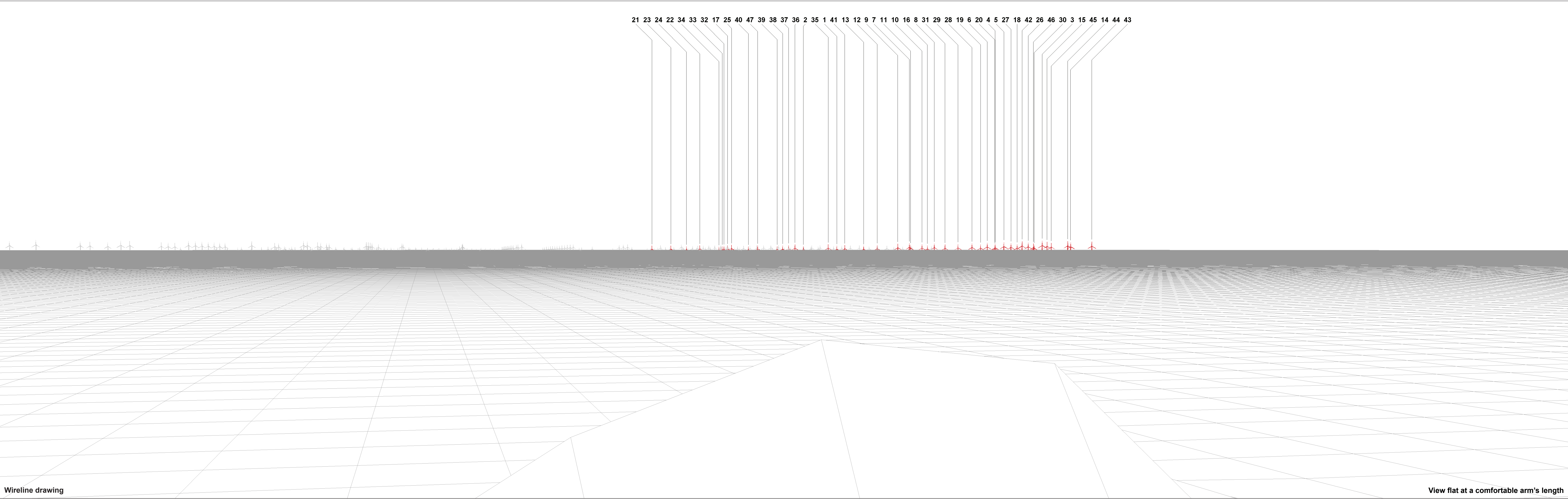
Baseline photograph

This image provides landscape and visual context only



Cumulative wireline drawing





Wireline drawing

View flat at a comfortable arm's length









Photomontage: Proposed Development.

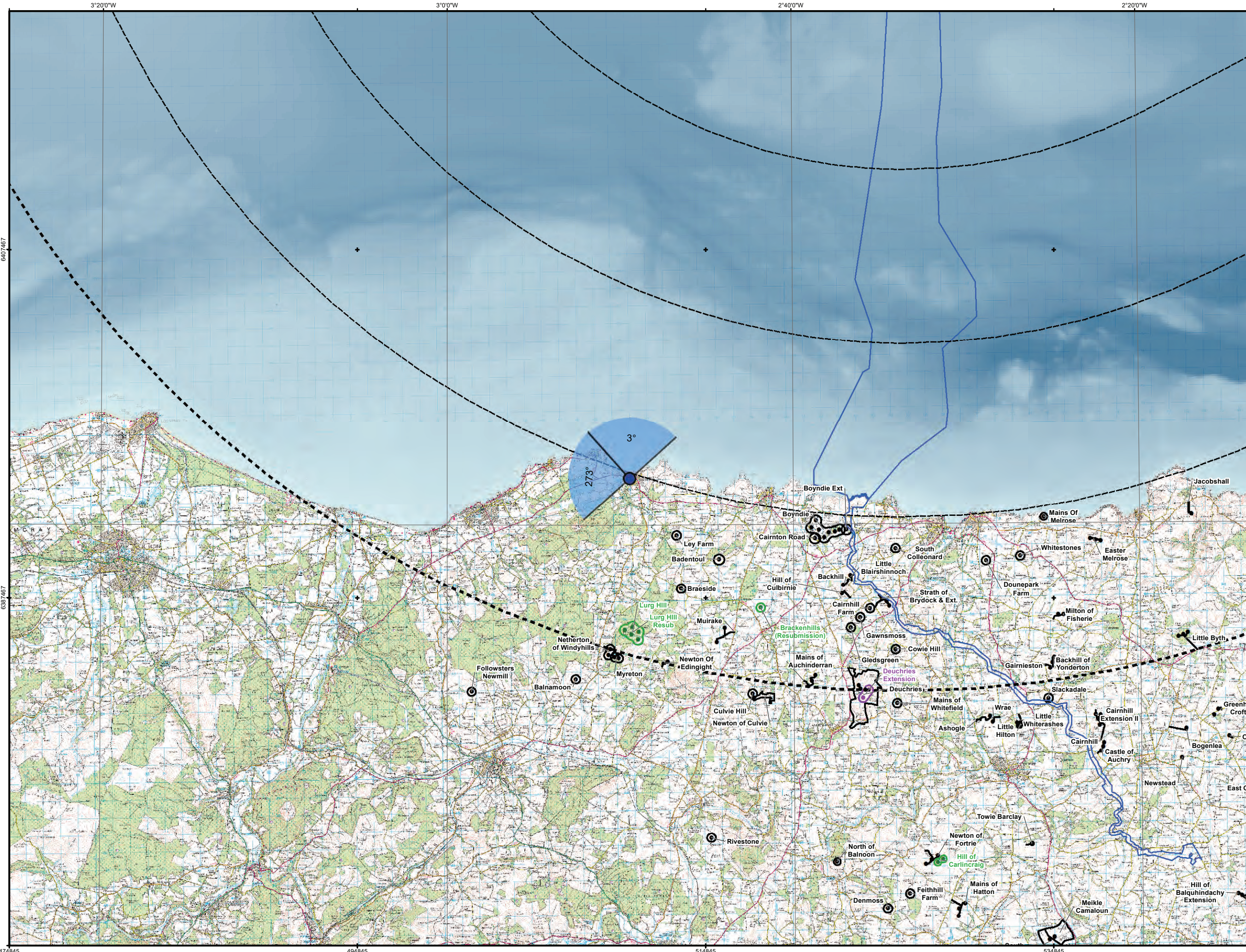
View flat at a comfortable arm's length

|                    |                   |                             |                           |                |                      |
|--------------------|-------------------|-----------------------------|---------------------------|----------------|----------------------|
| 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:   | 50.81 km          | Correct printed image size: | 820 x 260 mm              | Date and time: | 17.10.2023 16:04     |

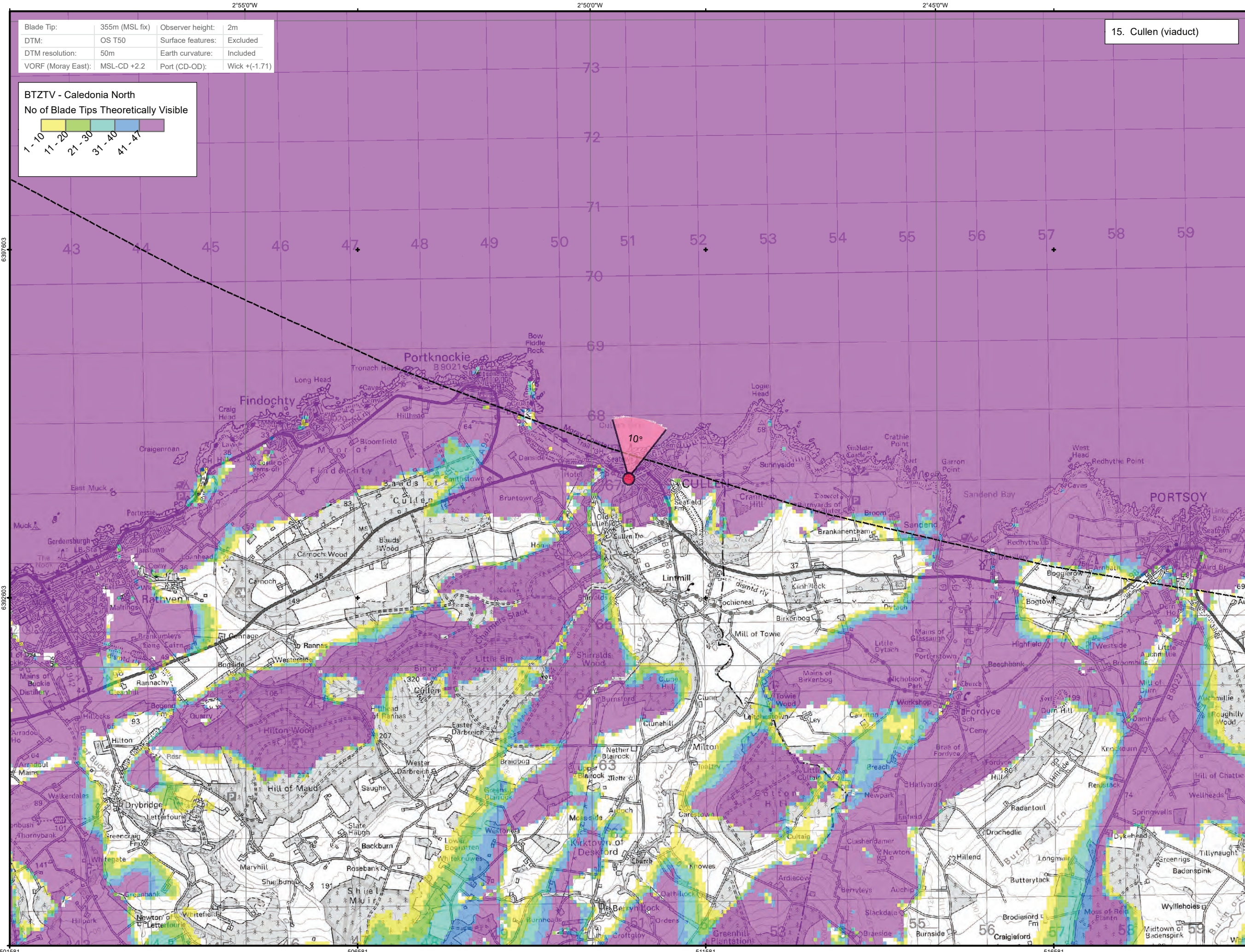
Operational and Under Construction offshore wind farms have been photomontaged in this view.

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





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 North Fixed

Fixed (47 x 25MW)

OSP

Caledonia North

Caledonia South

Offshore and Onshore Export Cable Corridor

10km Radii

60km Study Area

Cumulative Windfarms Status:

Operational

Under Construction

Consented

Operational

Under Construction

Consented

BTZTV - Caledonia North

No of Blade Tips Theoretically Visible

1 - 10

11 - 20

21 - 30

31 - 40

41 - 47

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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\_00124 03  
CONTRACTOR REV  
GEOIDETIC PARAMETERS  
WGS 1984 UTM Zone 30N (EPSG:32630)

DRAWING TITLE  
Figure 12-15a - Viewpoint Plan  
15. Cullen (viaduct)

Caledonia North

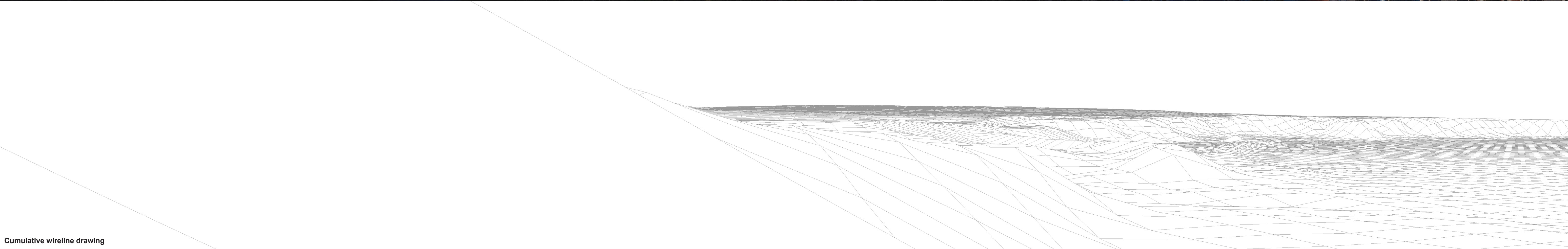
|                       |                                    |
|-----------------------|------------------------------------|
| STATUS<br>Approved    | SCALE<br>1:200,000<br>1:50,000     |
| DRAWING NUMBER<br>N/A | SHEET NO<br>15 of 22<br>REV<br>N/A |





Baseline photograph

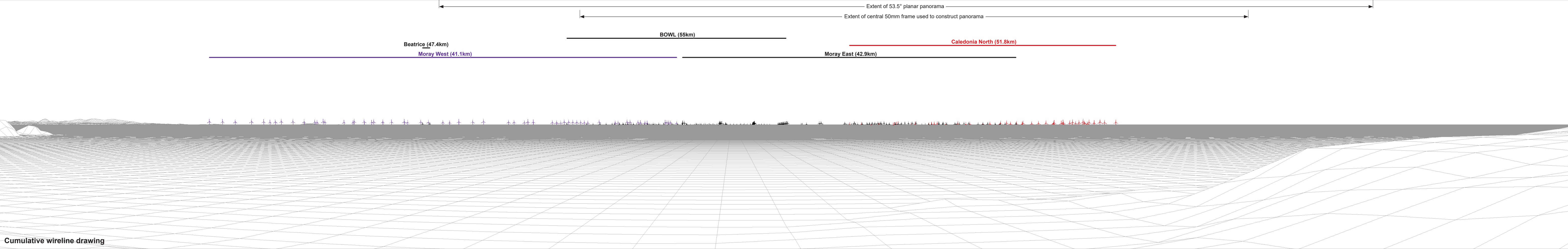
This image provides landscape and visual context only



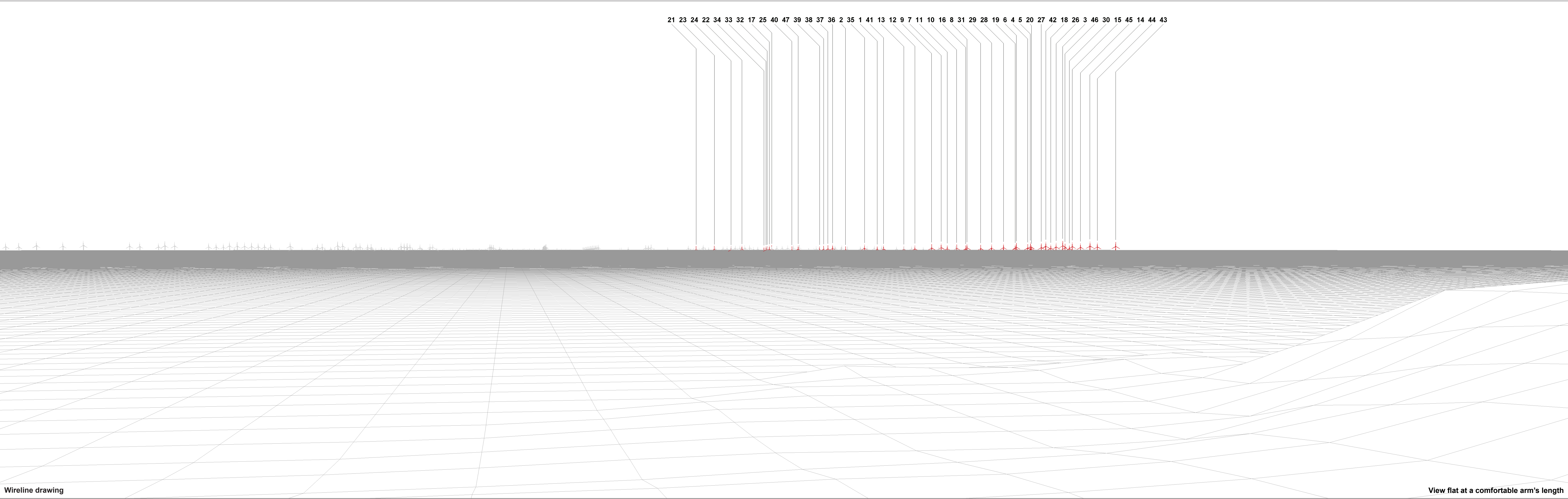
Cumulative wireline drawing

|                    |                   |                             |                              |                |                      |  |
|--------------------|-------------------|-----------------------------|------------------------------|----------------|----------------------|--|
| 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 North  |
| Nearest turbine:   | 42.21 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 |









Wireline drawing

View flat at a comfortable arm's length





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:   | 42.21 km          | Correct printed image size: | 820 x 260 mm              | Date and time: | 17.10.2023 15:27     |

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

Figure: 12.15e  
Viewpoint 15: Cullen (viaduct)  
Caledonia North





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:   | 42.21 km          | Correct printed image size: | 820 x 260 mm              | Date and time: | 17.10.2023 15:27     |

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

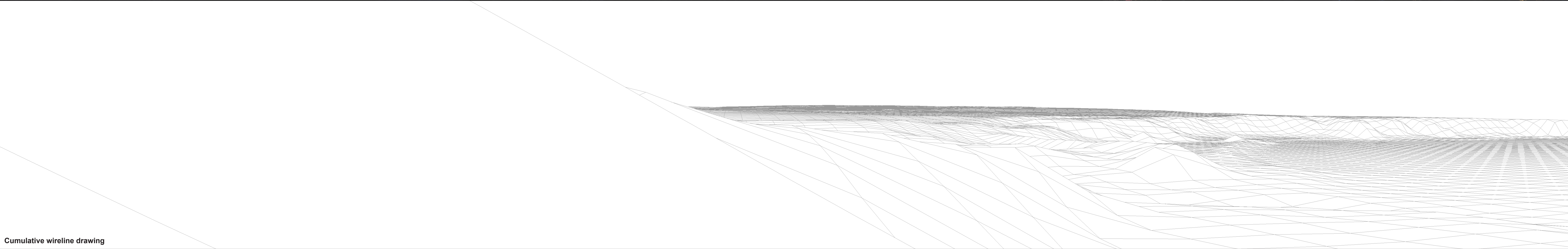
Figure: 12.15f  
Viewpoint 15: Cullen (viaduct)  
Caledonia North





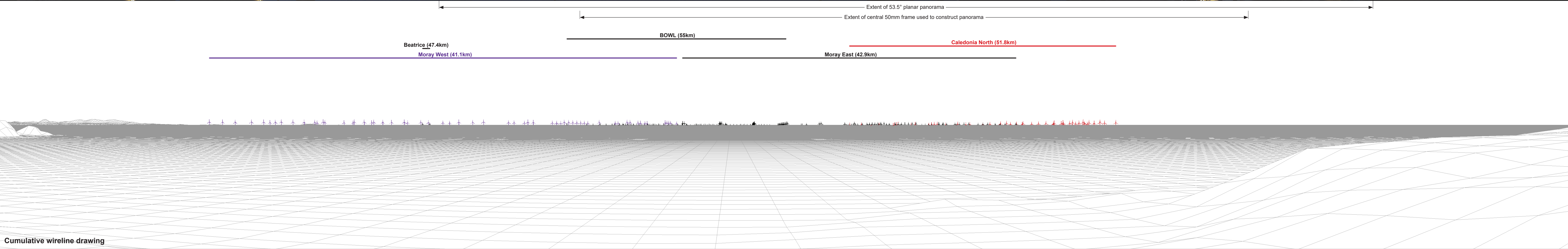
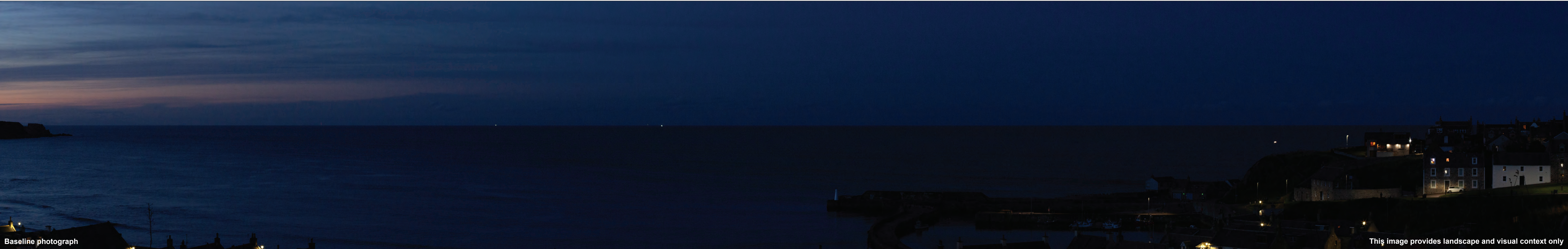
Baseline photograph

This image provides landscape and visual context only

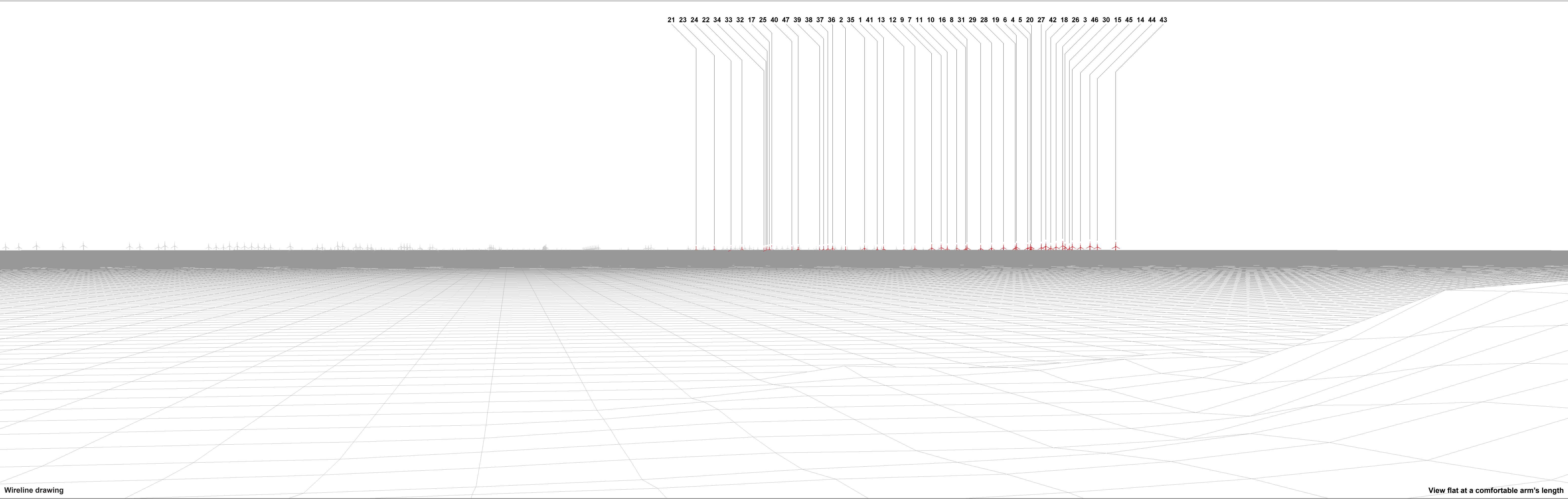


Cumulative wireline drawing









Wireline drawing

View flat at a comfortable arm's length





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:   | 42.21 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 North





Photomontage: Proposed Development.

View flat at a comfortable arm's length

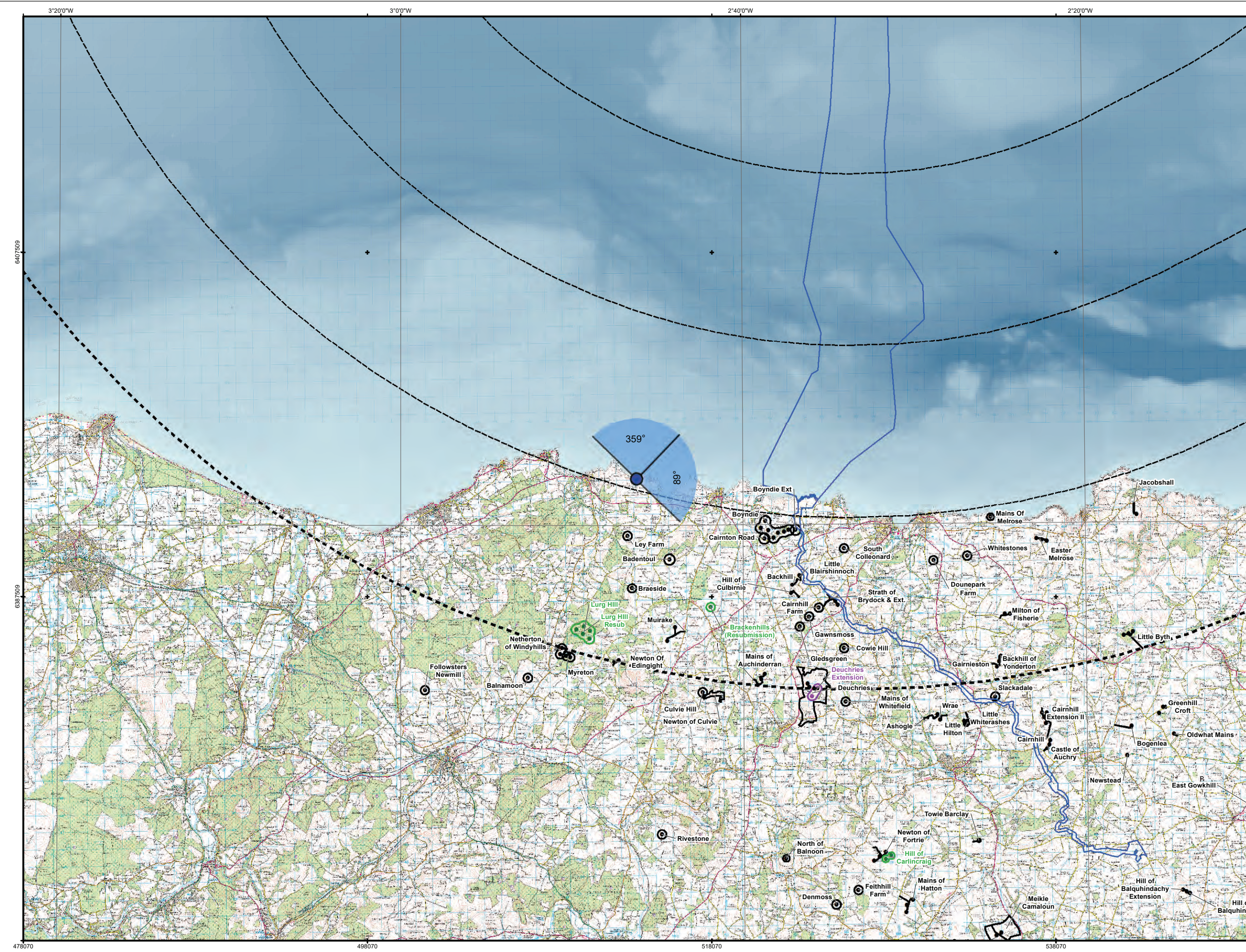
|                    |                   |                             |                           |                |                      |
|--------------------|-------------------|-----------------------------|---------------------------|----------------|----------------------|
| OS reference:      | 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:   | 42.21 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.

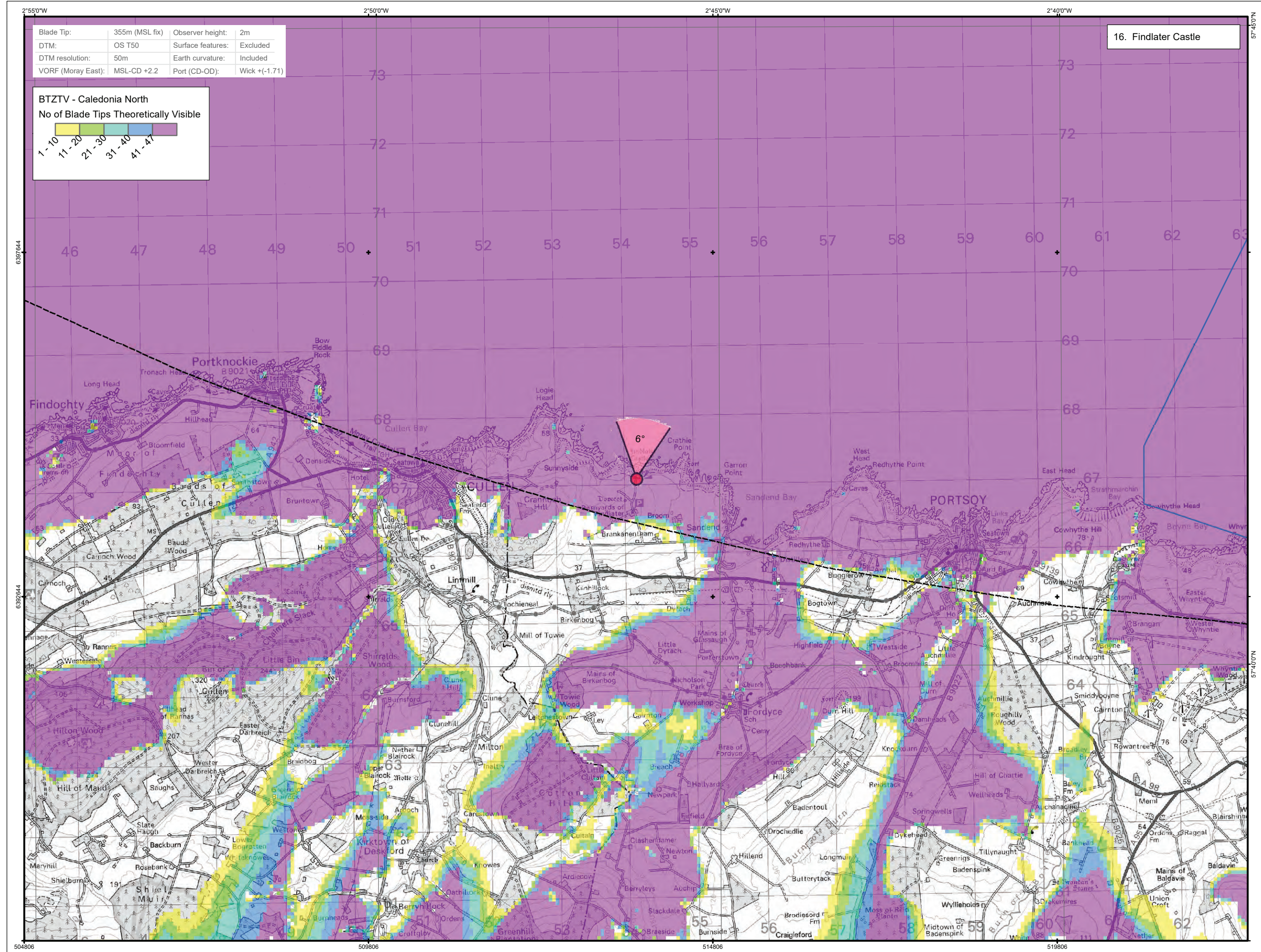
Figure: 12.15k  
Viewpoint 15: Cullen (viaduct)  
Caledonia North

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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 North Fixed

OSP

Caledonia North

Caledonia South

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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PART OF SLR

CONTRACTOR DRAWING NO  
UKCAL1 OPN WNF ENV SLV MAP\_00125 03

CONTRACTOR REV

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

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

Caledonia North

STATUS  
Approved

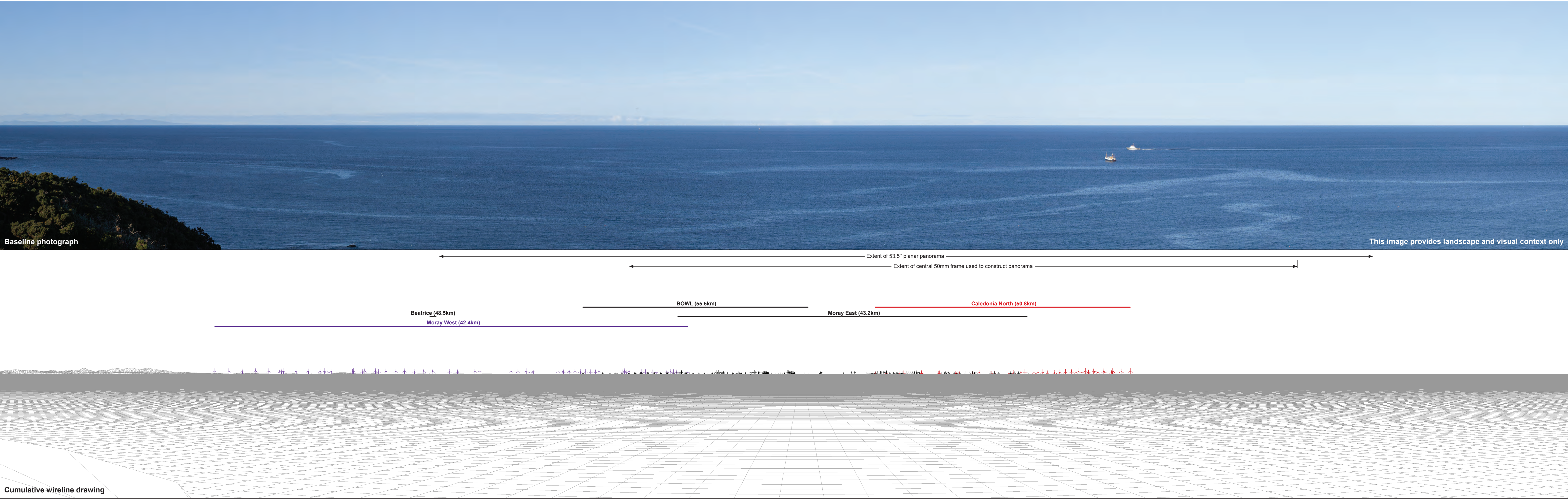
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1:50,000

DRAWING NUMBER  
N/A

SHEET NO  
16 of 22

REV  
N/A



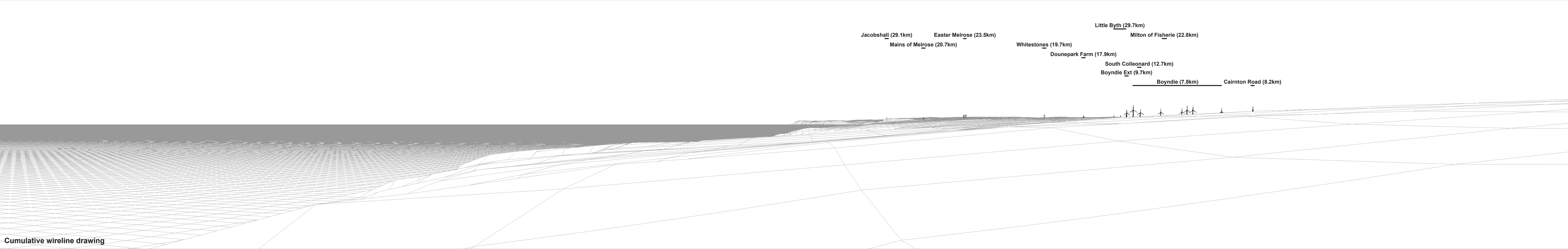






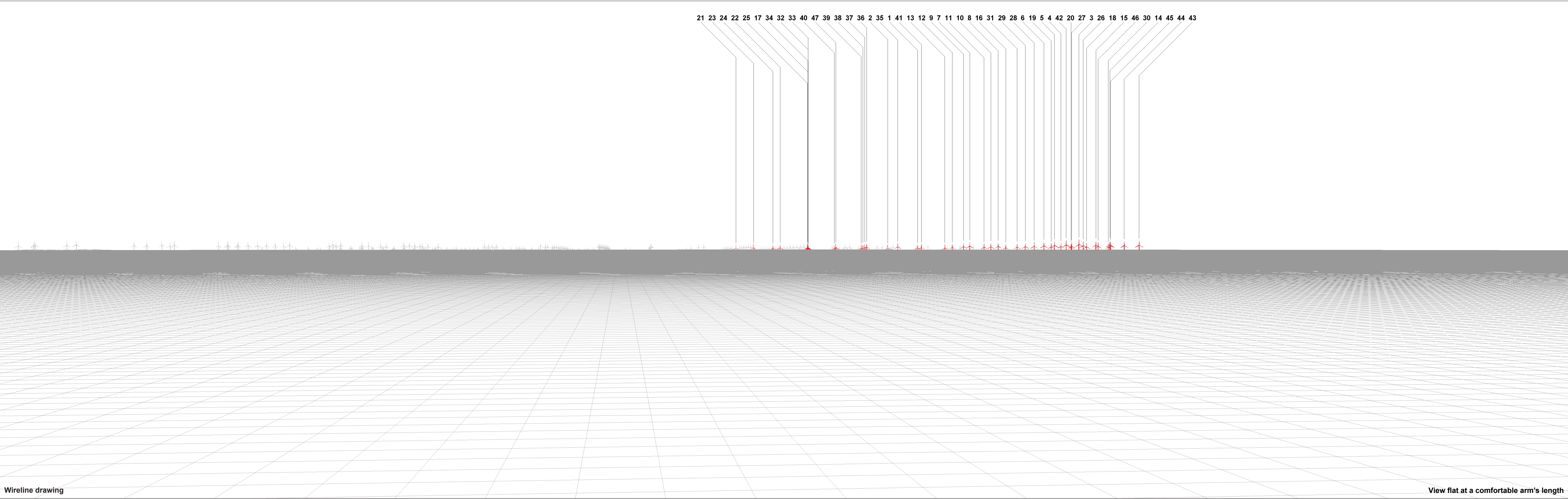
Baseline photograph

This image provides landscape and visual context only



Cumulative wireline drawing





Wireline drawing

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:   | 40.52 km          | Correct printed image size: | 820 x 260 mm              | Date and time: | 17.10.2023 14:57     |

Figure: 12.16d  
Viewpoint 16: Findlater Castle  
Caledonia North





Baseline photograph.

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:   | 40.52 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: 12.16e  
Viewpoint 16: Findlater Castle  
Caledonia North





Photomontage: Proposed Development.

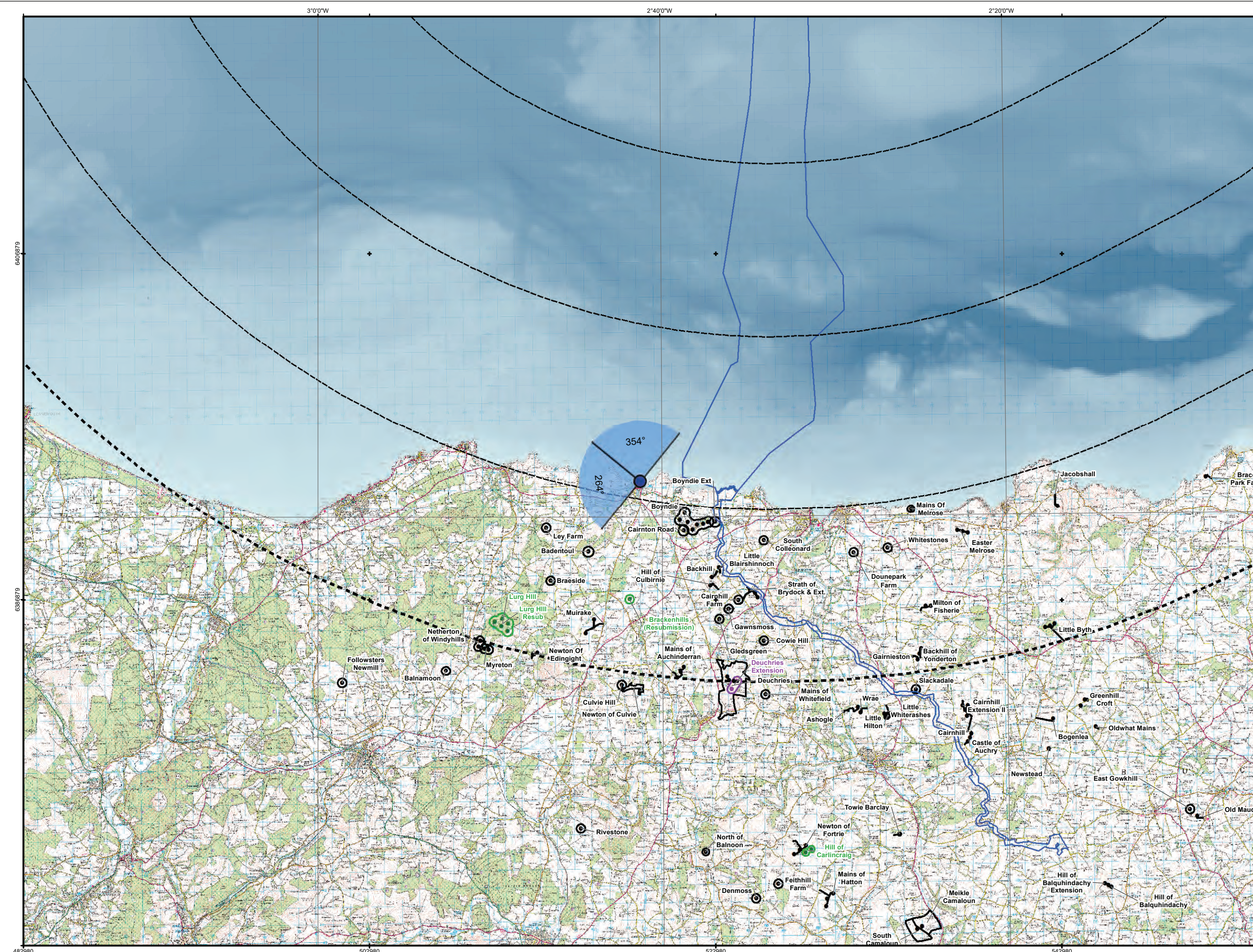
View flat at a comfortable arm's length

|                    |                   |                             |                           |                |                      |
|--------------------|-------------------|-----------------------------|---------------------------|----------------|----------------------|
| 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:   | 40.52 km          | Correct printed image size: | 820 x 260 mm              | Date and time: | 17.10.2023 14:57     |

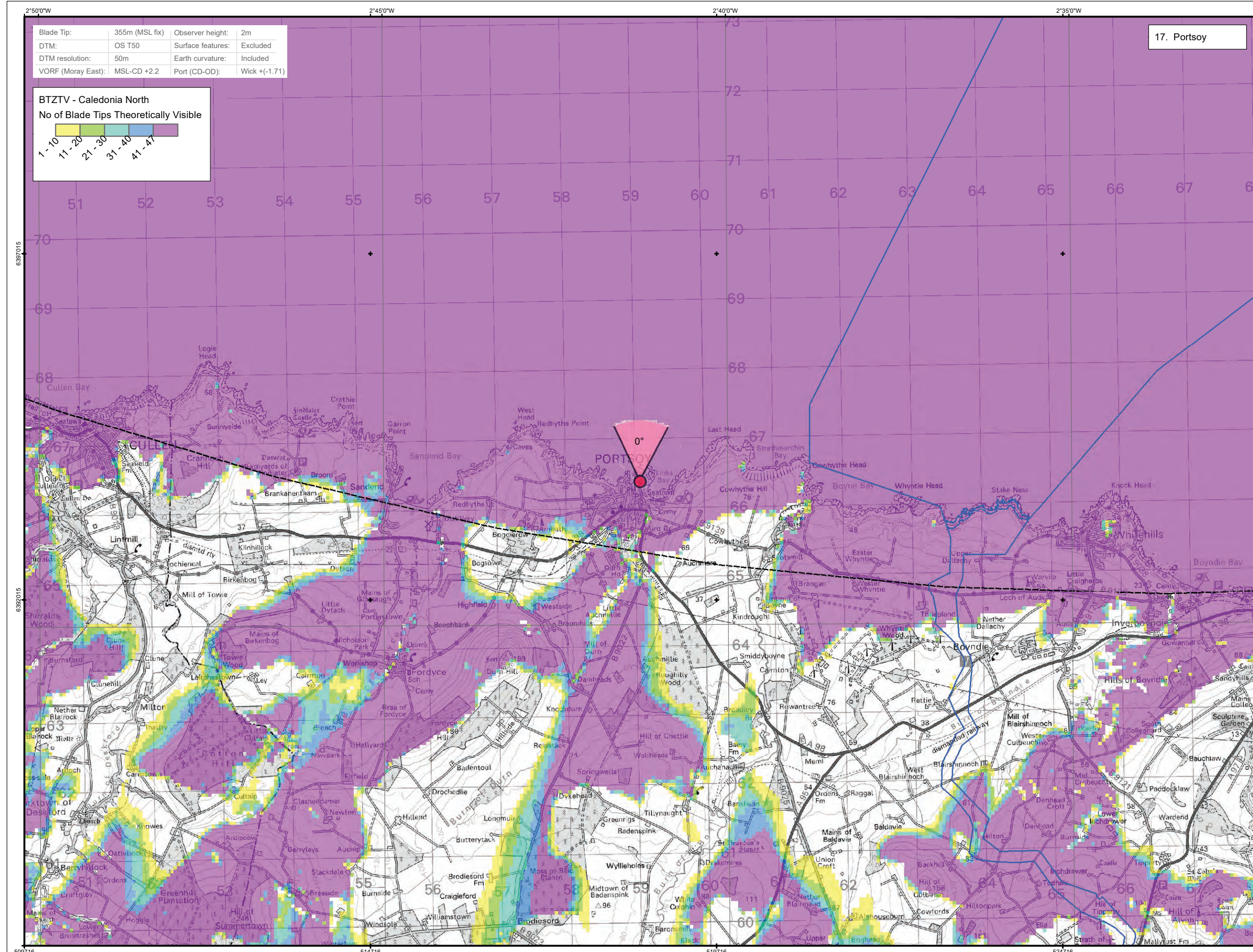
Operational and Under Construction offshore wind farms have been photomontaged in this view.

Figure: 12.16f  
Viewpoint 16: Findlater Castle  
Caledonia North





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 North Fixed

Fixed (47 x 25MW)

OSP

Caledonia North

Caledonia South

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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PART OF SLR

CONTRACTOR DRAWING NO  
UKCAL1 OPN\_WNF\_ENV\_SLV\_MAP\_00126 03

CONTRACTOR REV

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

DRAWING TITLE  
Figure 12-17a - Viewpoint Plan  
17. Portsoy

Caledonia North

STATUS  
Approved

DRAWING NUMBER  
N/A

SCALE  
1:200,000  
1:50,000

SHEET NO  
17 of 22

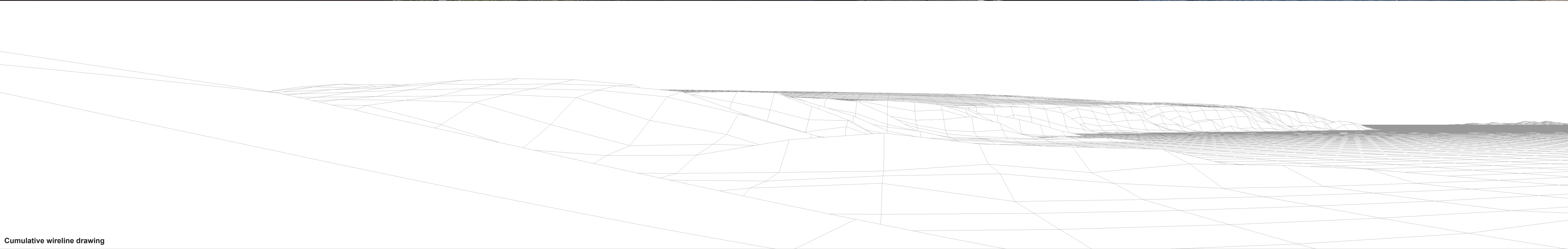
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N/A





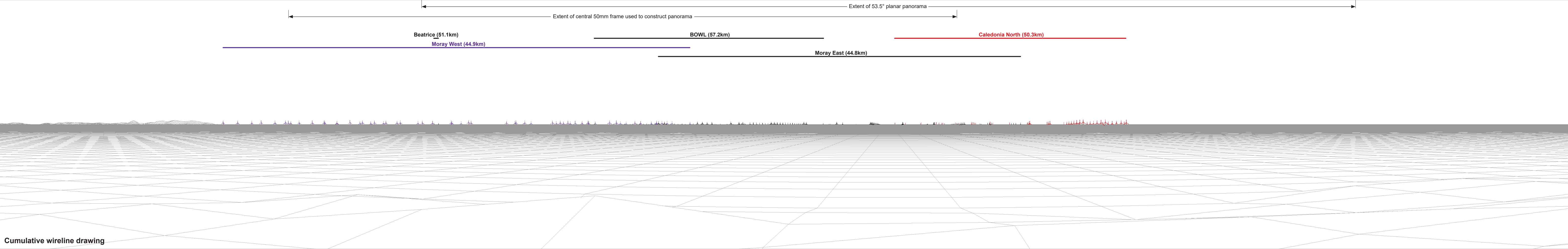
Baseline photograph

This image provides landscape and visual context only

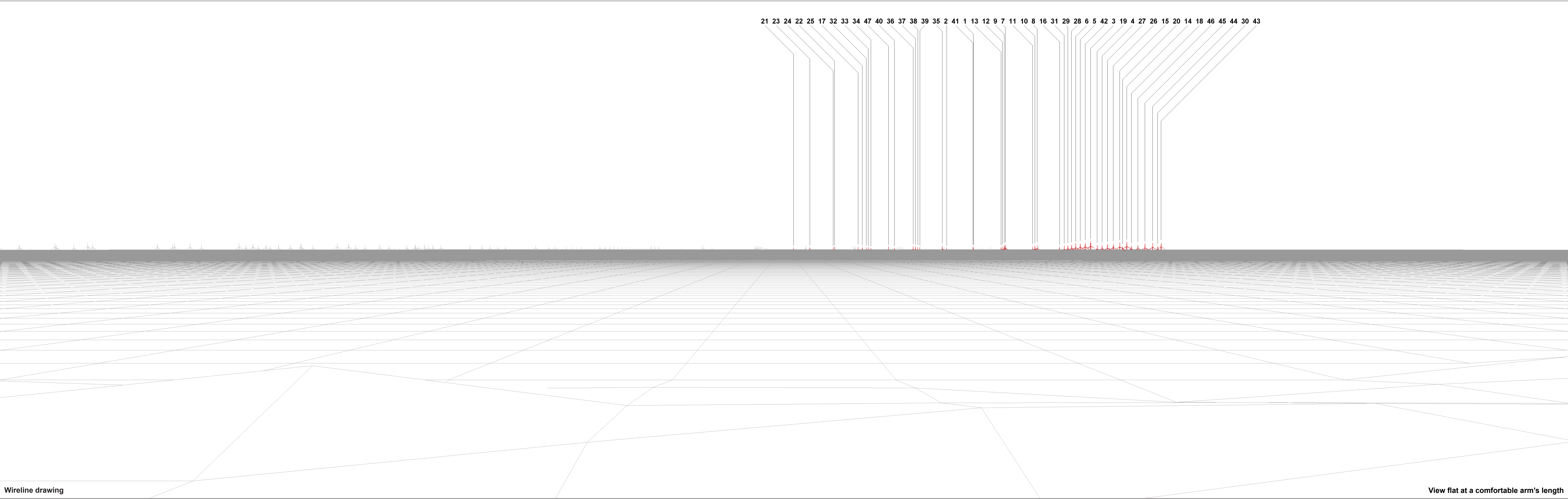


Cumulative wireline drawing









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>   | 38.97 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 North**





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:   | 38.97 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 North





Photomontage: Proposed Development.

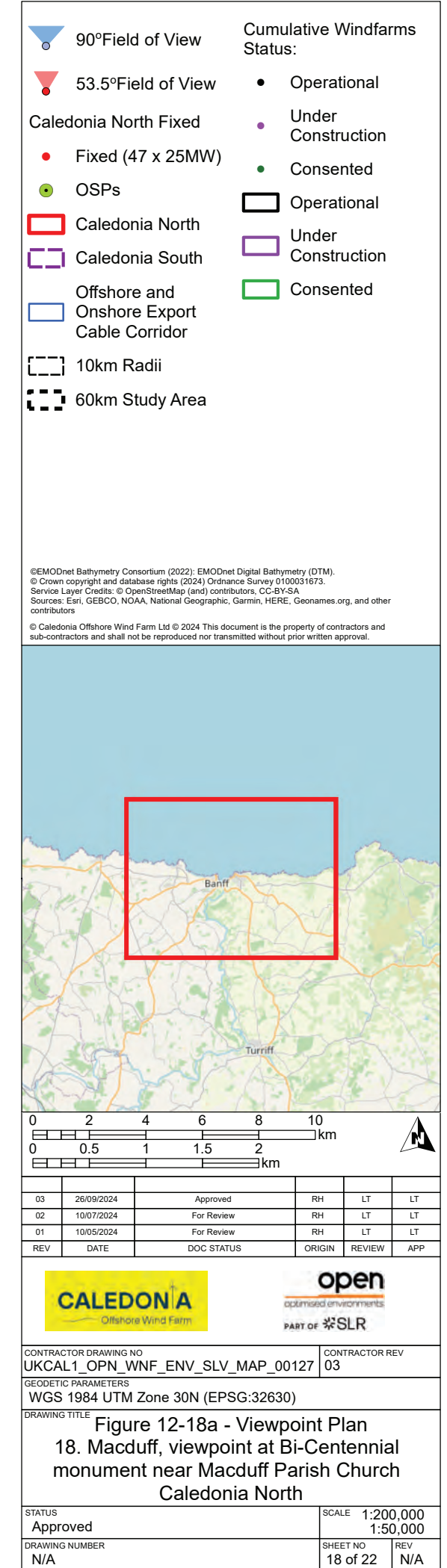
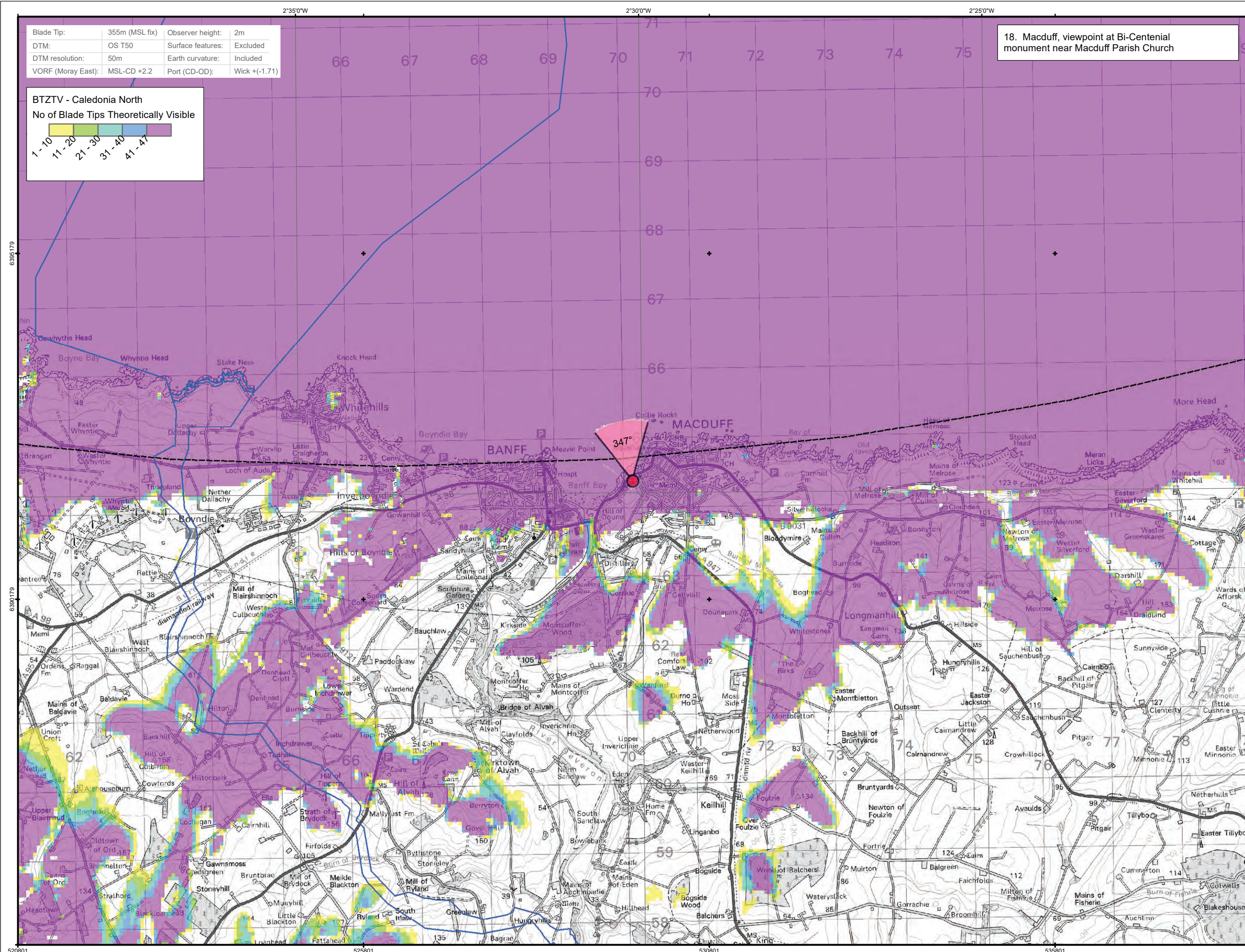
View flat at a comfortable arm's length

|                    |                   |                             |                           |                |                      |
|--------------------|-------------------|-----------------------------|---------------------------|----------------|----------------------|
| 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:   | 38.97 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 North



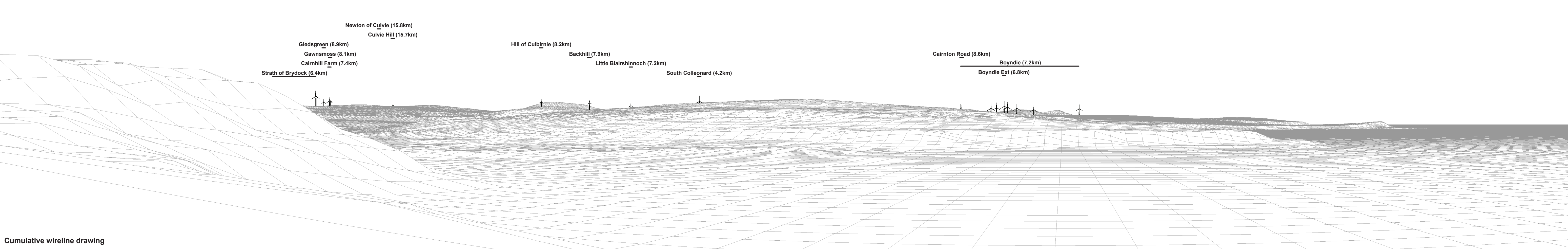






Baseline photograph

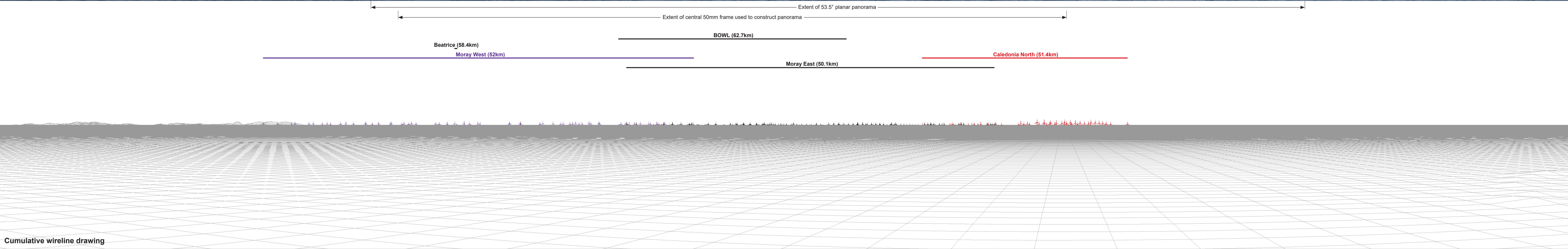
This image provides landscape and visual context only



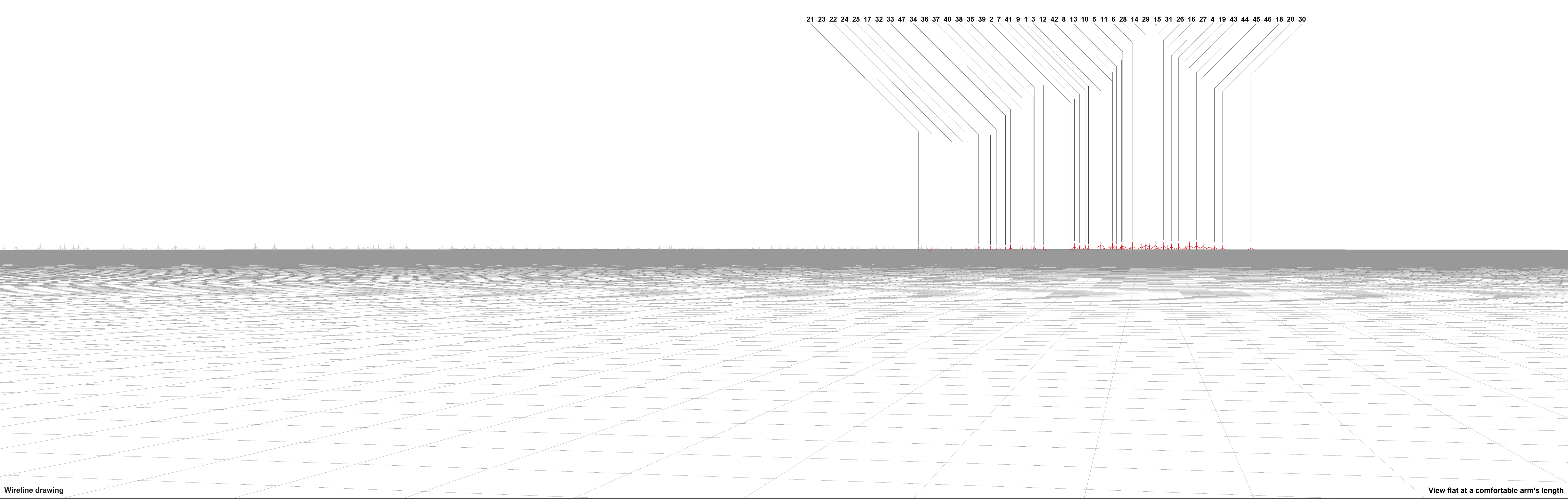
Cumulative wireline drawing

|                    |                   |                             |                              |                |                      |   |
|--------------------|-------------------|-----------------------------|------------------------------|----------------|----------------------|---|
| OS reference:      | 370127 E 864382 N | Horizontal field of view:   | 90° (cylindrical projection) | Camera:        | Canon EOS 5D Mark II | Figure: 12.18b  |
| Eye level:         | 30.6 mAOD         | Principal distance:         | 522 mm                       | Lens:          | Canon EF 50mm f/1.4  | Viewpoint 18: Macduff, viewpoint at Bi-Centennial monument near Macduff Parish Church |
| Direction of view: | 254°              | Paper size:                 | 841 x 297 mm (half A1)       | Camera height: | 1.5 m                | Caledonia North   |
| Nearest turbine:   | 38.12 km          | Correct printed image size: | 820 x 130 mm                 | Date and time: | 17.10.2023 13:42     | © 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:      | 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:   | 38.12 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 North**





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:   | 38.12 km          | Correct printed image size: | 820 x 260 mm              | Date and time: | 17.10.2023 13:42     |

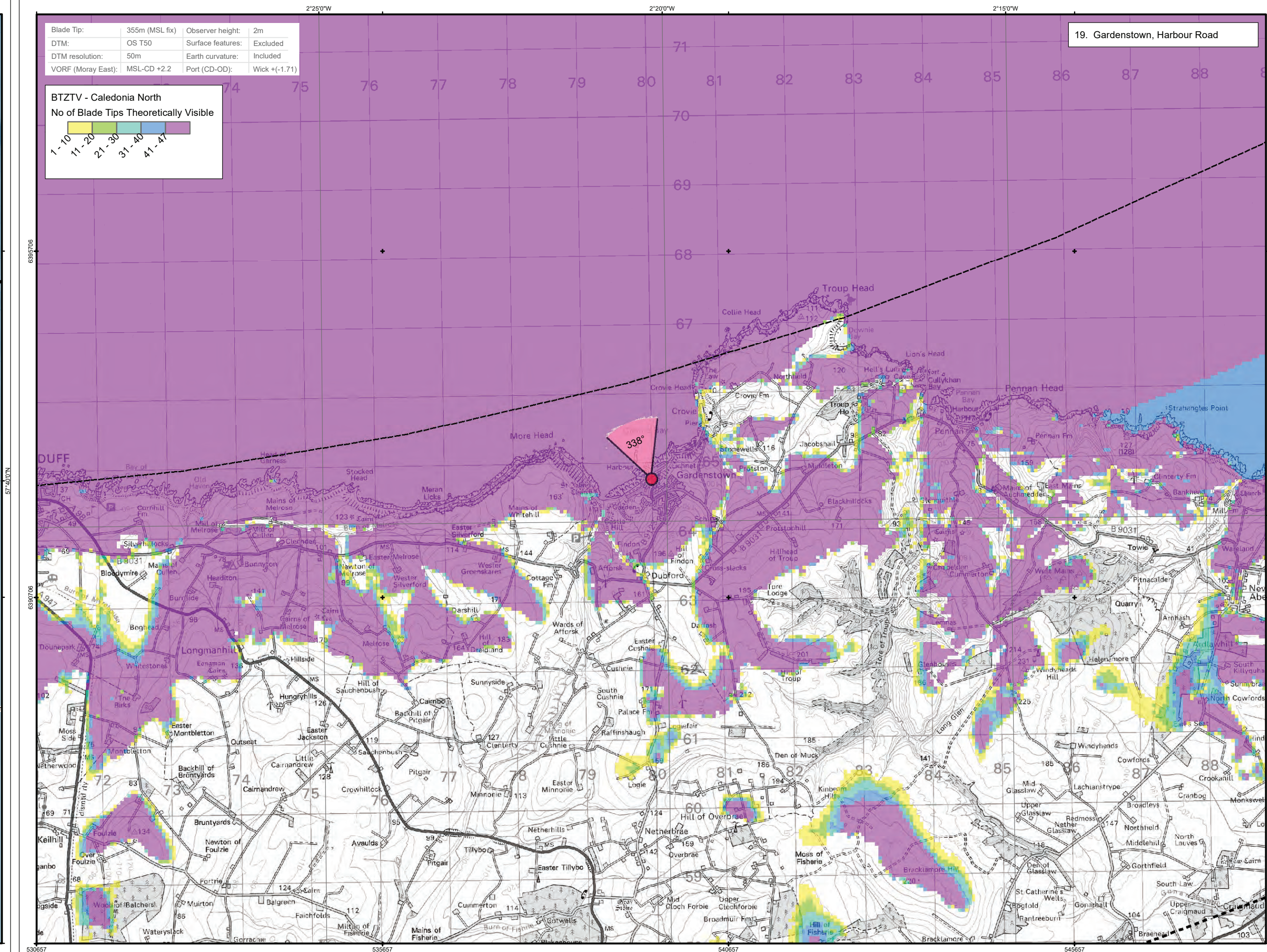
Operational and Under Construction offshore wind farms have been photomontaged in this view.

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





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 North Fixed

Fixed (47 x 25MW)

OSP

Caledonia North

Caledonia South

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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Offshore Wind Farm

open

Geomatics Services

PART OF

SLR

CONTRACTOR DRAWING NO

UKCAL1\_OPN\_WNF\_ENV\_SLV\_MAP\_00128

CONTRACTOR REV

03

GEODETIC PARAMETERS

WGS 1984 UTM Zone 30N (EPSG:32630)

DRAWING TITLE

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

Caledonia North

STATUS

Approved

SCALE

1:200,000  
1:50,000

DRAWING NUMBER

N/A

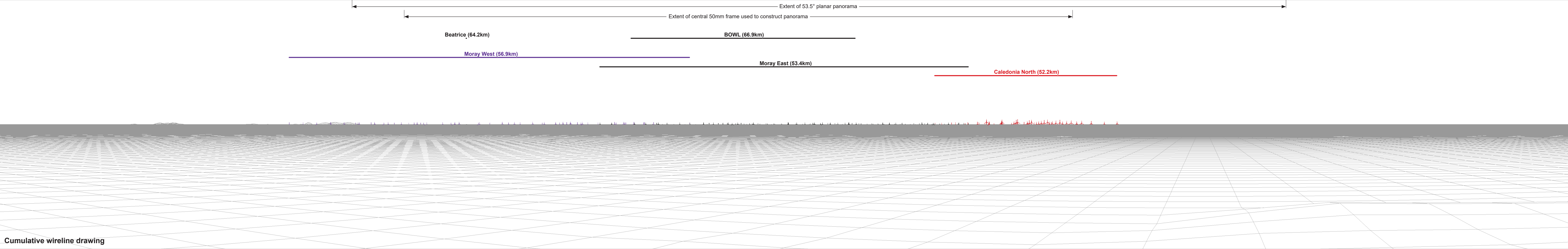
SHEET NO

19 of 22

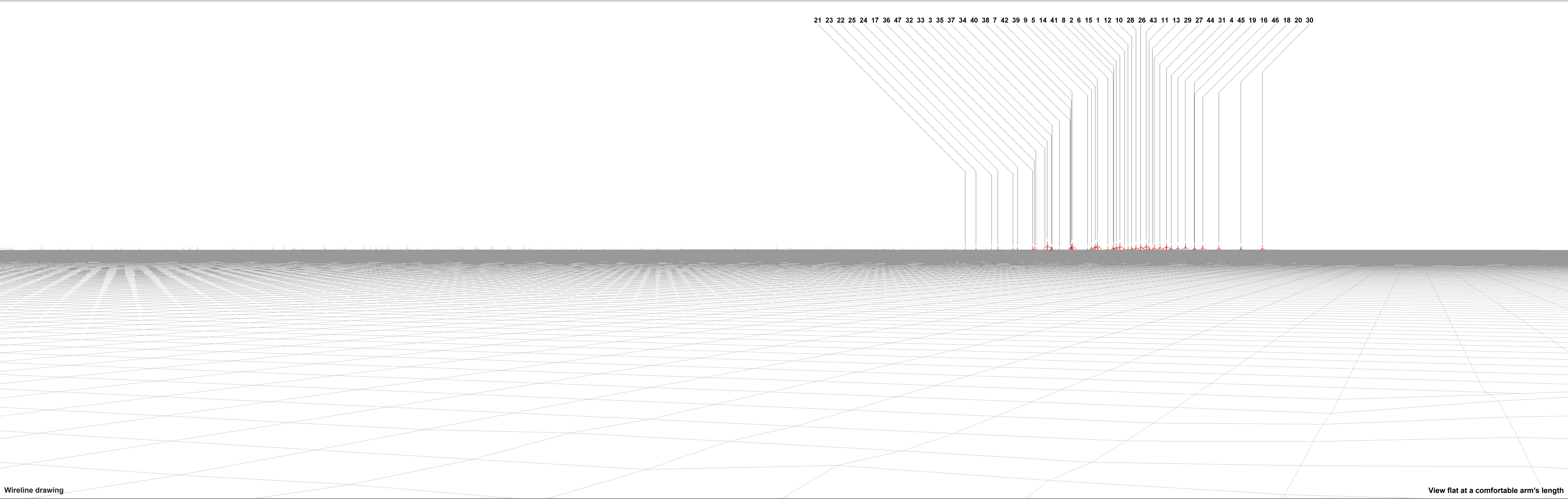
REV

N/A









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: | 17.10.2023 12:51     |





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: | 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 North





Photomontage: Proposed Development.

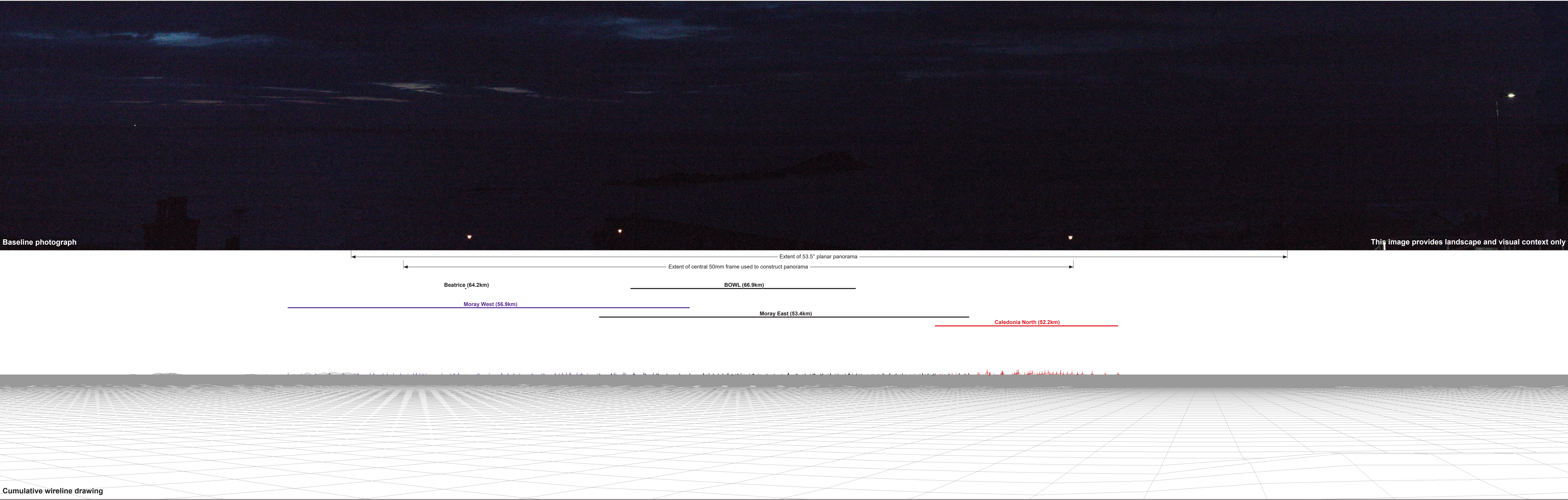
View flat at a comfortable arm's length

|                    |                   |                             |                           |                |                      |
|--------------------|-------------------|-----------------------------|---------------------------|----------------|----------------------|
| OS reference:      | 379990 E 864763 N | Horizontal field of view:   | 53.5° (planar projection) | Camera:        | Canon EOS 5D Mark II |
| 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: | 17.10.2023 12:51     |

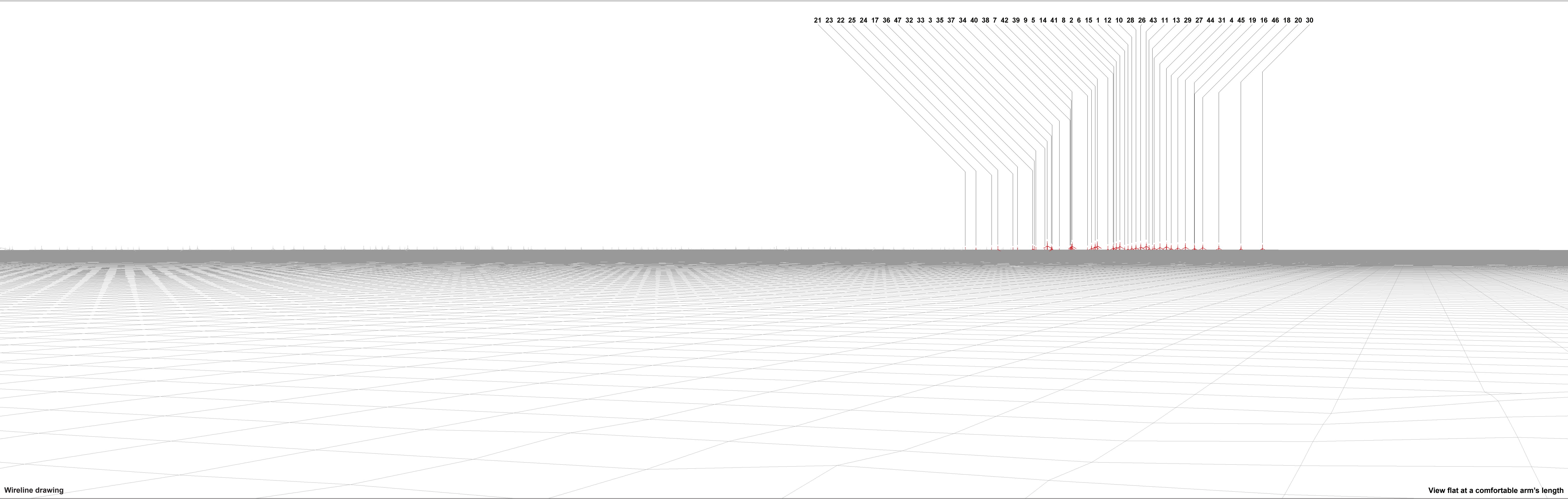
Operational and Under Construction offshore wind farms have been photomontaged in this view.

Figure: 12.19e  
Viewpoint 19: Gardenstown, Harbour Road  
Caledonia North









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 19:12     |

Figure: 12.19g  
Viewpoint 19: Gardenstown, Harbour Road  
Caledonia North  
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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 19:12     |

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





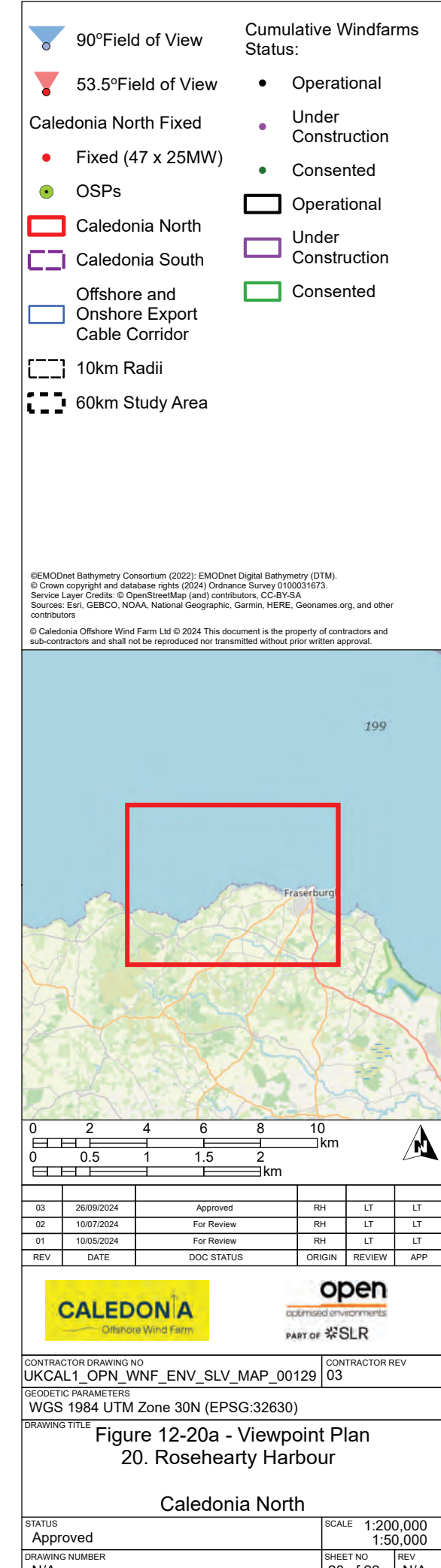
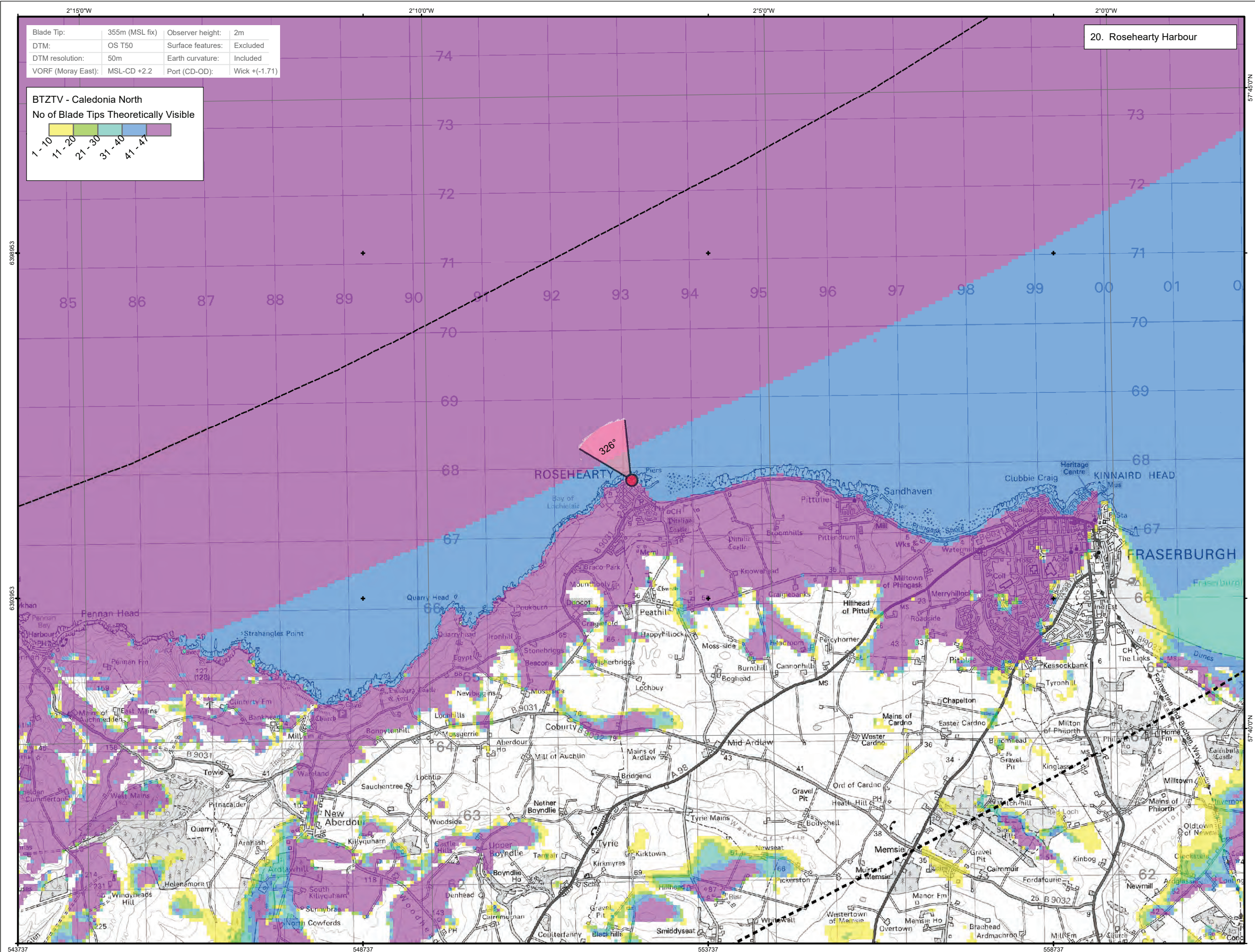
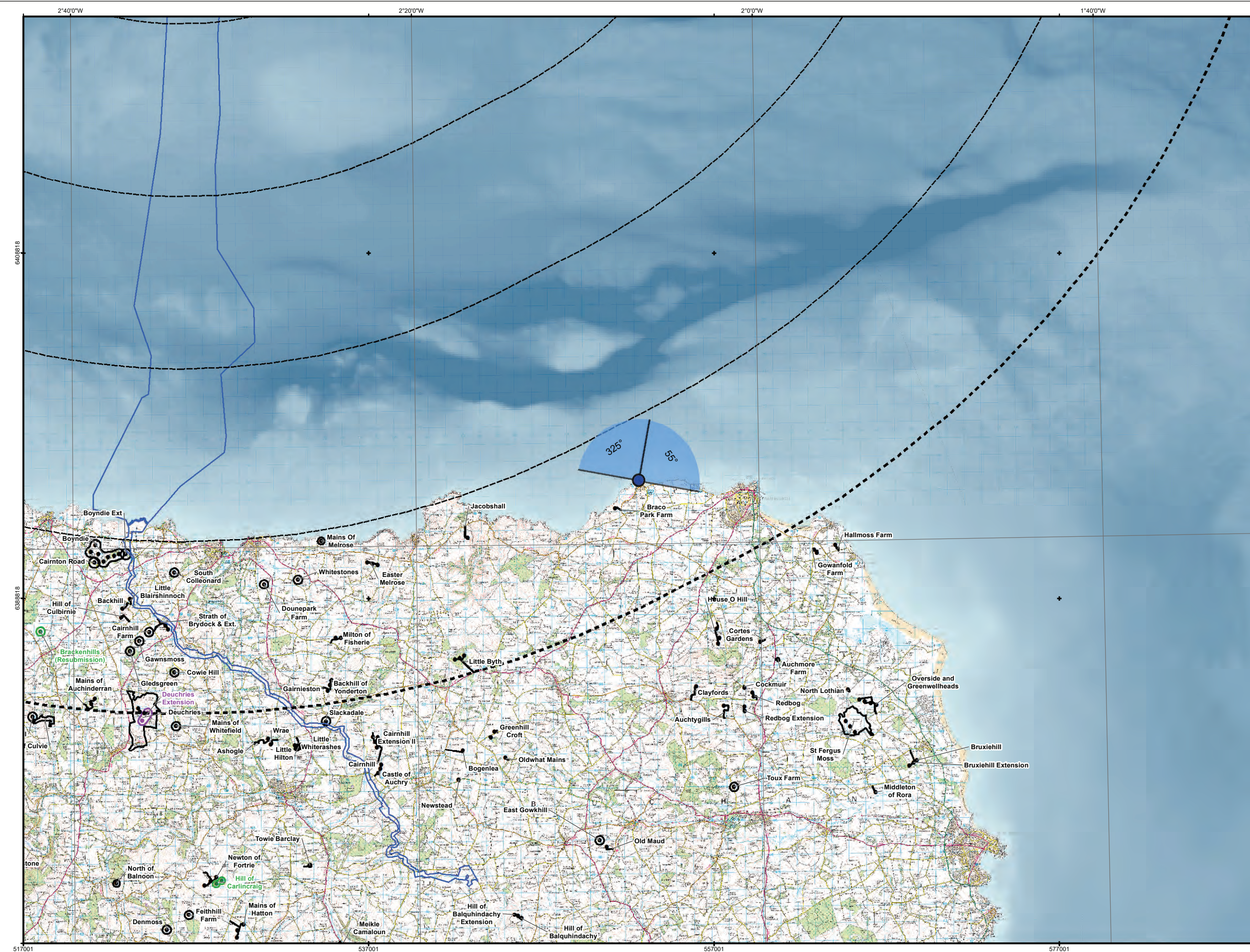
Photomontage: Proposed Development.

View flat at a comfortable arm's length

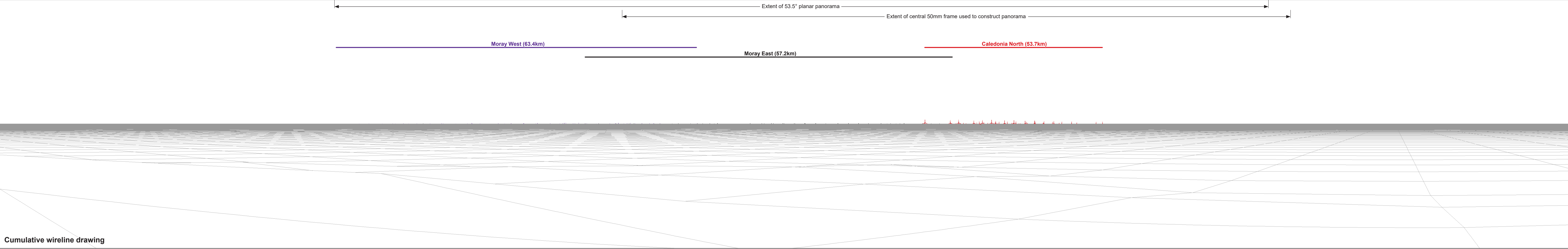
|                    |                   |                             |                           |                |                      |
|--------------------|-------------------|-----------------------------|---------------------------|----------------|----------------------|
| OS reference:      | 379990 E 864763 N | Horizontal field of view:   | 53.5° (planar projection) | Camera:        | Canon EOS 5D Mark II |
| 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 19:12     |

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

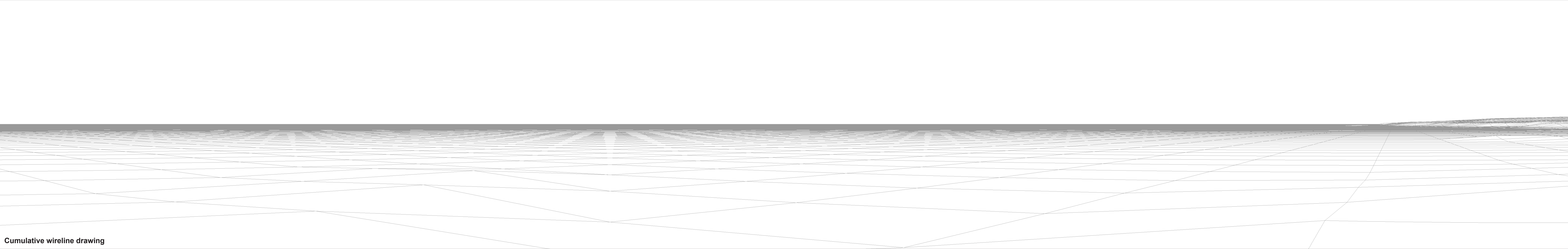




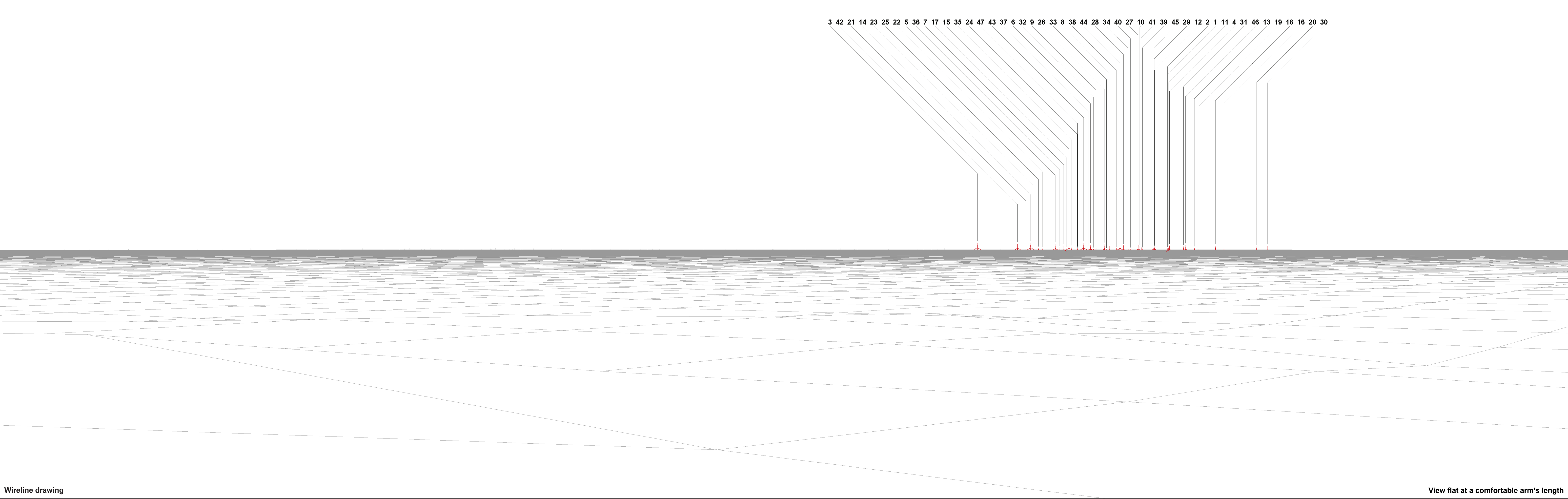
















Baseline photograph.

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:   | 39.28 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 North





Photomontage: Proposed Development.

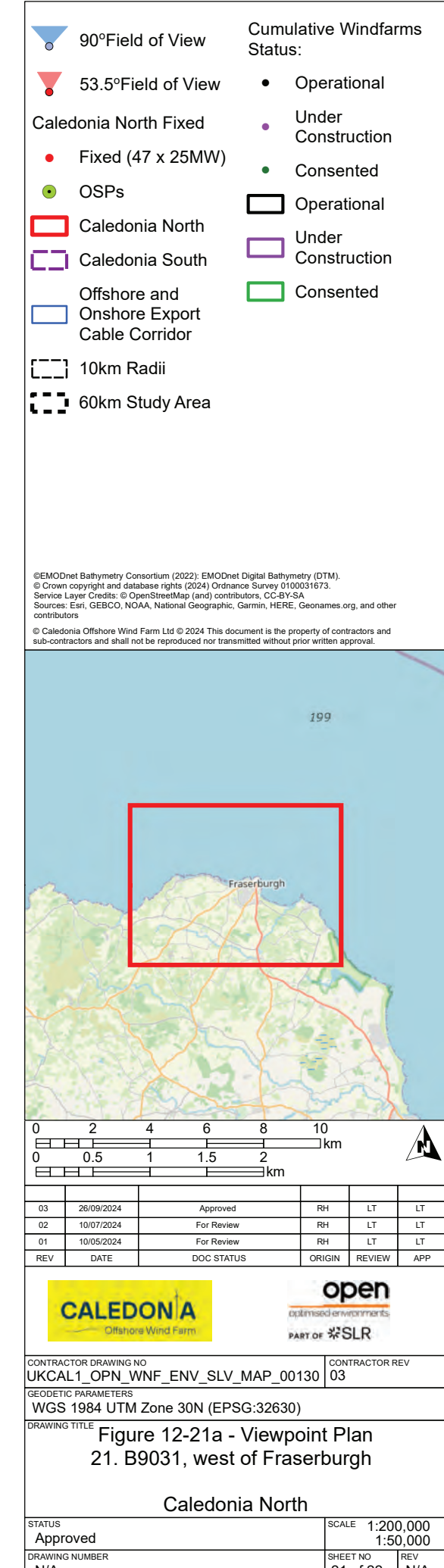
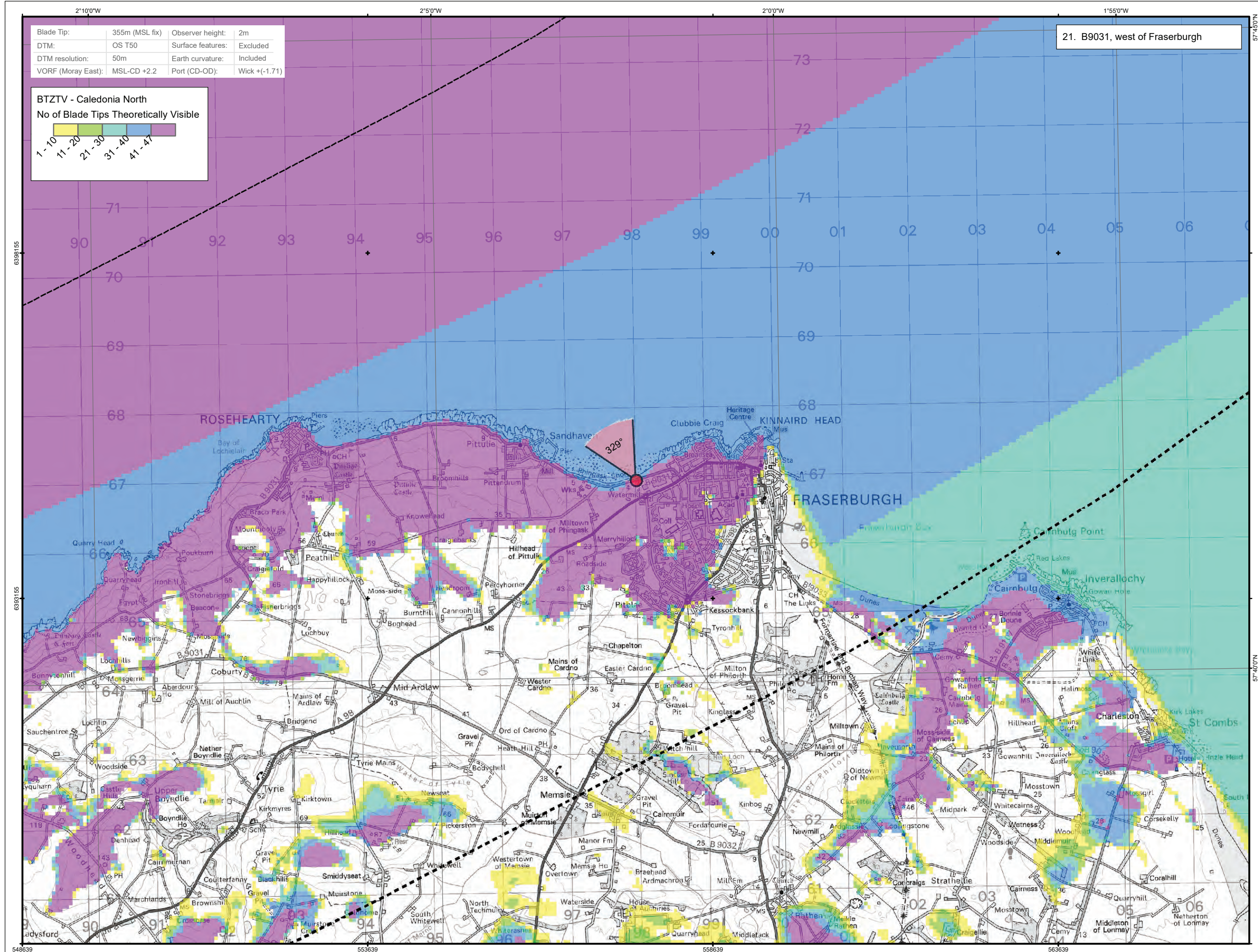
View flat at a comfortable arm's length

|                    |                   |                             |                           |                |                      |
|--------------------|-------------------|-----------------------------|---------------------------|----------------|----------------------|
| 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:   | 39.28 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 North



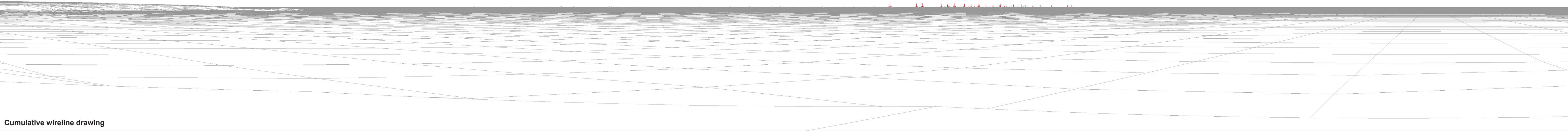
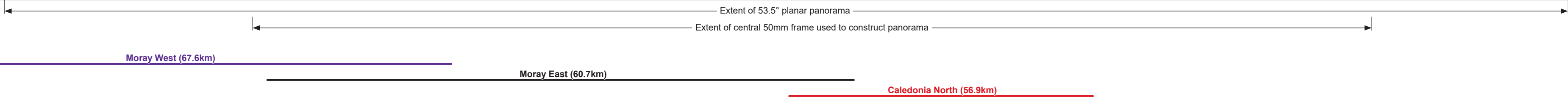






Baseline photograph

This image provides landscape and visual context only



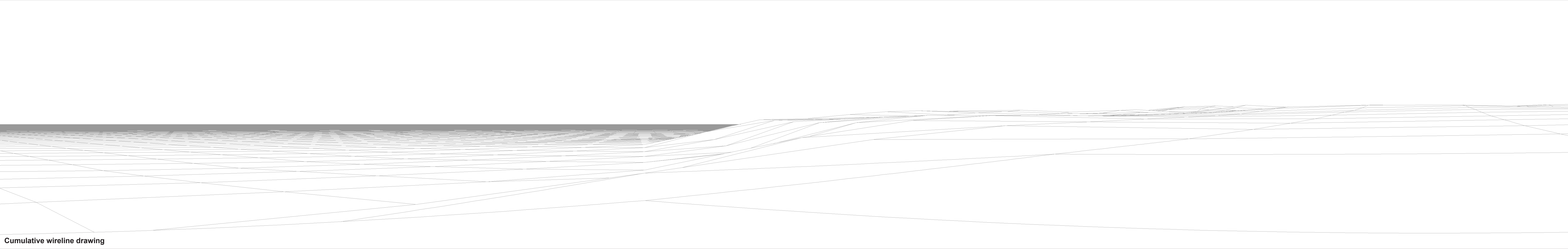
Cumulative wireline drawing





Baseline photograph

This image provides landscape and visual context only



Cumulative wireline drawing









**View flat at a comfortable arm's length**

OS reference: 398007 E 866947 M  
Eye level: 6.5 mAOD  
Direction of view: 329°  
Nearest turbine: 42.56 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 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 North**

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Photomontage: Proposed Development.

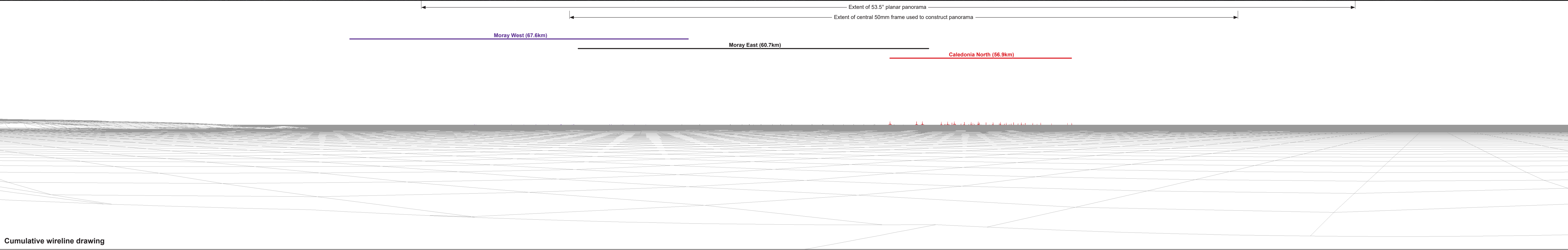
View flat at a comfortable arm's length

|                    |                   |                             |                           |                |                      |
|--------------------|-------------------|-----------------------------|---------------------------|----------------|----------------------|
| 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:   | 42.56 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 North**



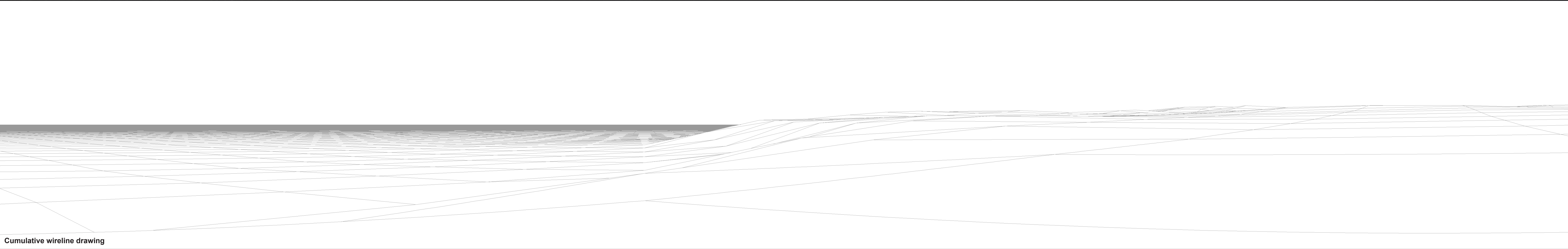






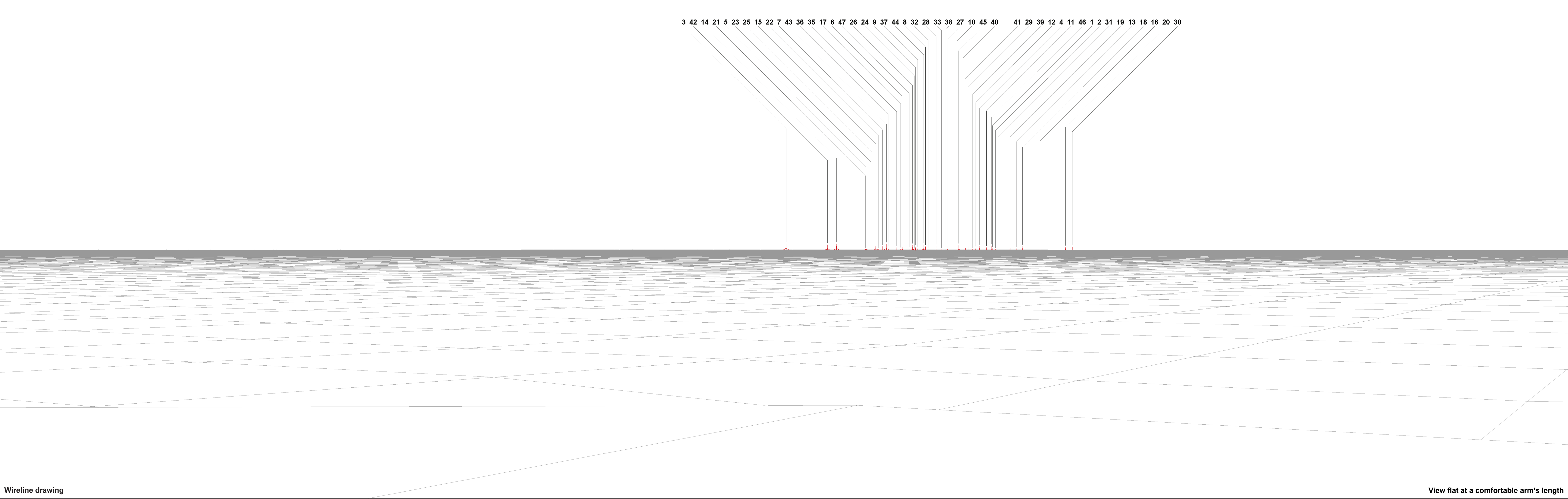
Baseline photograph

This image provides landscape and visual context only



Cumulative 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:   | 42.56 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: 12.21j  
Viewpoint 21: B9031, west of Fraserburgh  
Caledonia North  
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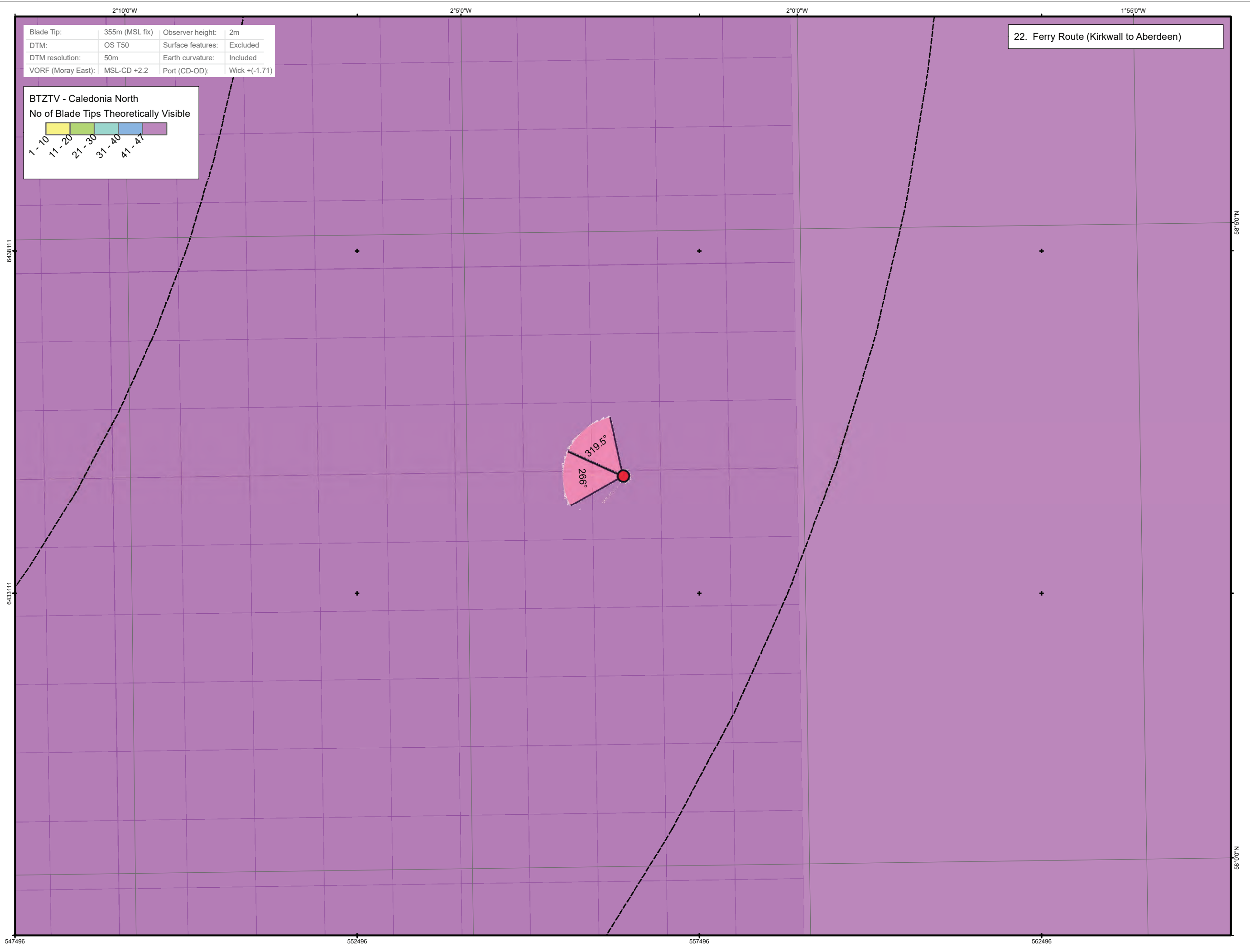
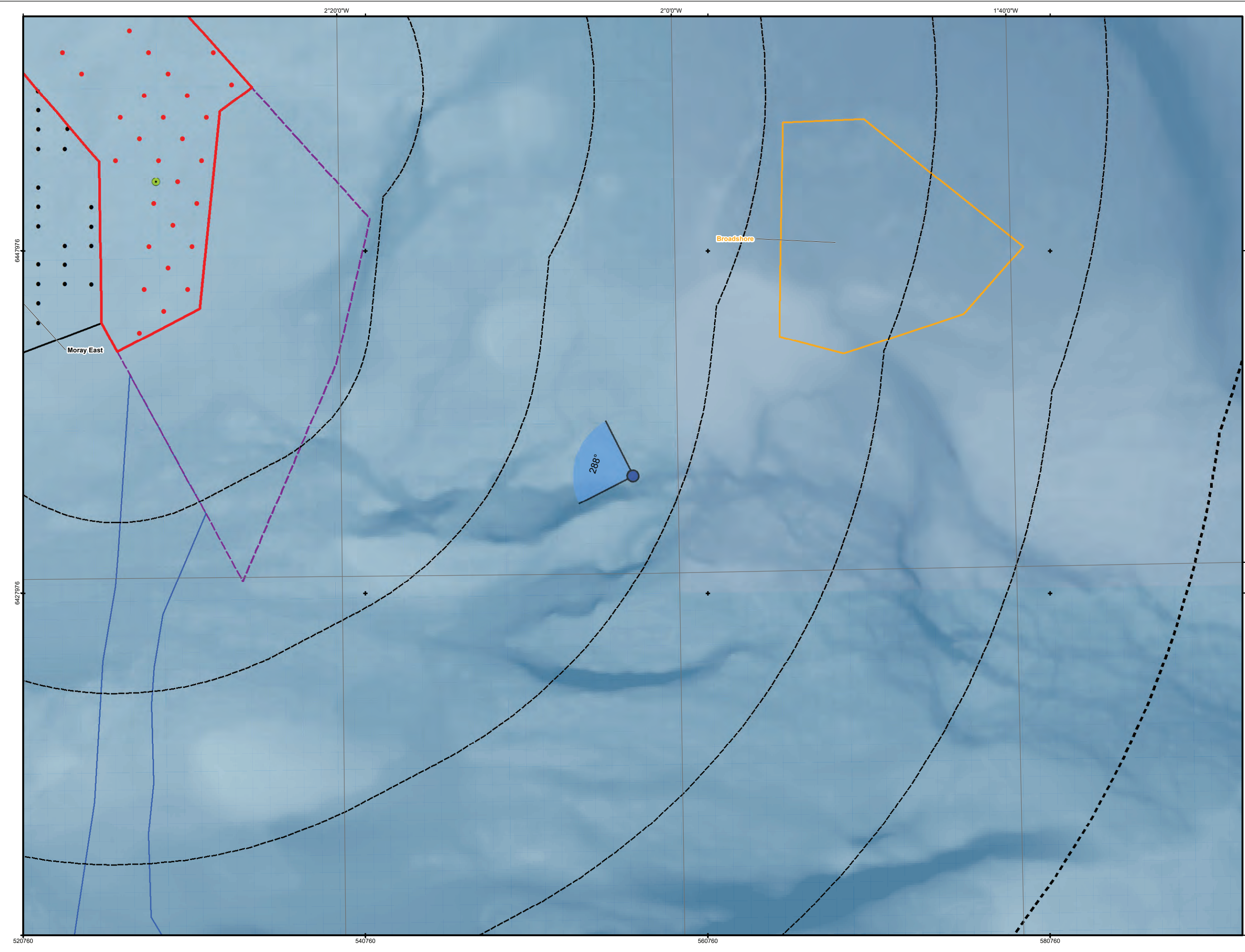
Photomontage: Proposed Development.

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:   | 42.56 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.





90°Field of View  
53.5°Field of View

Cumulative Windfarms Status:

- Operational
- Operational
- Scoping

Caledonia North Fixed

- Fixed (47 x 25MW)
- OSP

Caledonia North

- Caledonia South
- Offshore and Onshore Export Cable Corridor

10km Radii

60km Study Area

SEMODnet Bathymetry Consortium (2022). EMODnet Digital Bathymetry (DTM).  
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0 2 4 6 8 10 km  
0 0.5 1 1.5 2 km

| 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  |

CALEDONIA  
Offshore Wind Farm

open  
optimised environments  
PART OF SLR

CONTRACTOR DRAWING NO  
UKCAL1\_OPN\_WNF\_ENV\_SLV\_MAP\_00131

CONTRACTOR REVIEW  
03

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

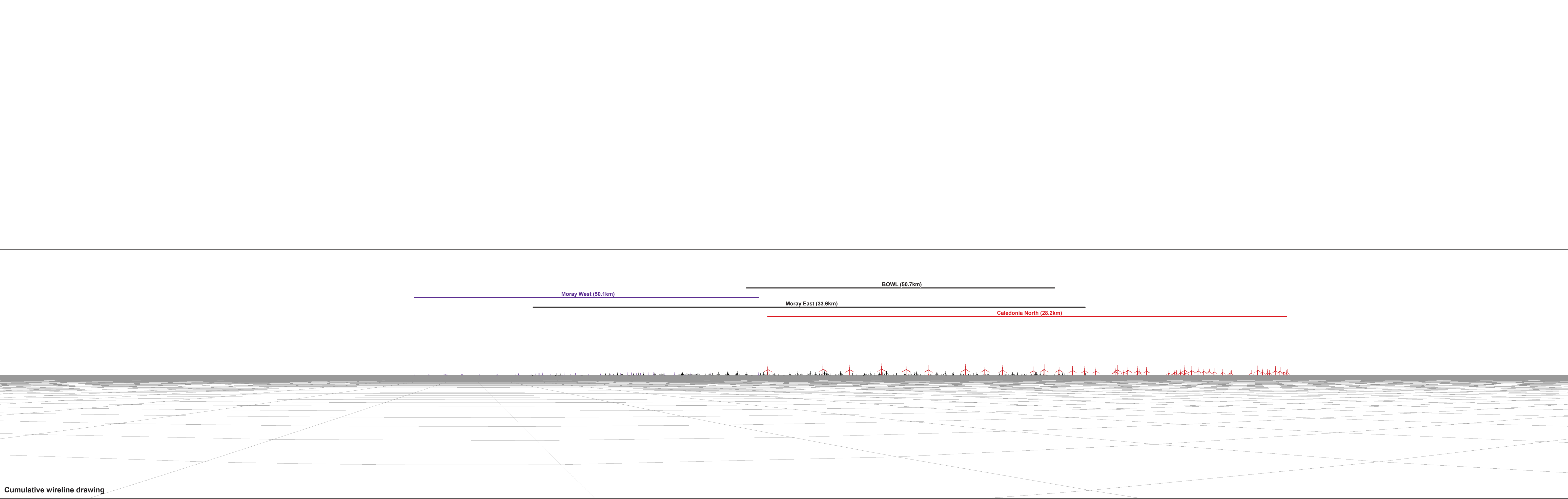
DRAWING TITLE  
Figure 12-22a - Viewpoint Plan  
22. Ferry Route (Kirkwall to Aberdeen)

Caledonia North

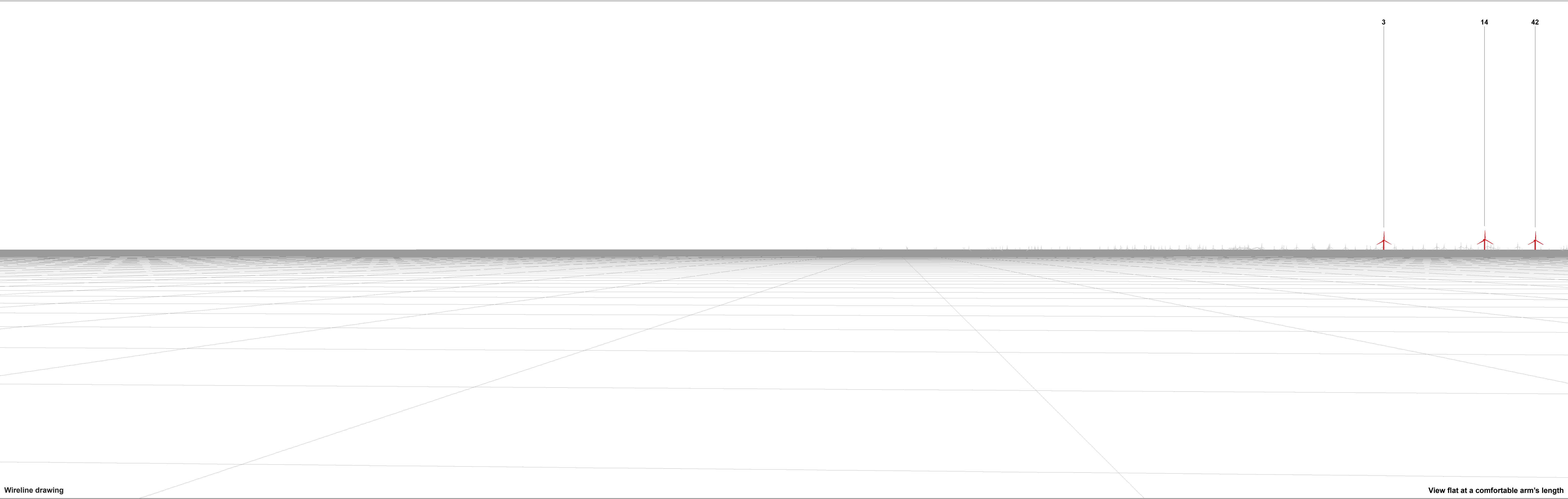
| STATUS   | SCALE                 |
|----------|-----------------------|
| Approved | 1:200,000<br>1:50,000 |

| DRAWING NUMBER | SHEET NO | REV |
|----------------|----------|-----|
| N/A            | 22 of 22 | N/A |















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Edinburgh  
EH3 8EX

[www.caledoniaoffshorewind.com](http://www.caledoniaoffshorewind.com)

