Crumhach Wind Farm, Co. Sligo

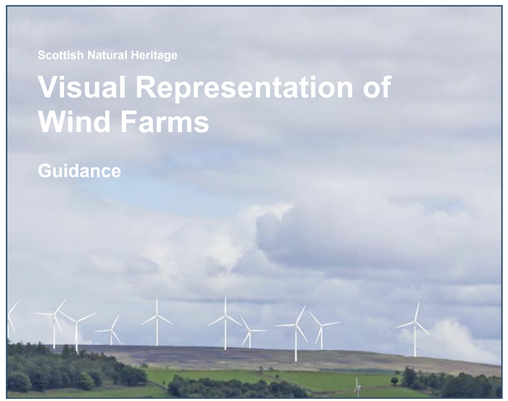
EIAR Volume 2
Photomontage Booklet

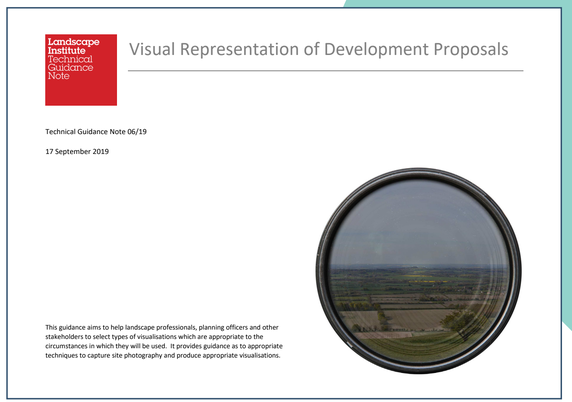
METHODOLOGY

The full methodology used for production of photomontages, Viewpoint Selection and impact assessment are included in Appendix 13-1 - LVIA Methodology.

The following two guidance documents are considered the industry benchmark for producing photomontages specifically for wind energy developments and were the standards adhered to during the production of photomontages for this booklet.

- 'Visual Representation of Wind Farms: Version 2.2' (Scottish Natural Heritage, 2017).
- 'Visual Representation of Development Proposals' (Landscape Institute Technical Guidance Note 06/19, 2019) (hereafter, LI TGN 06/19).





USER GUIDE

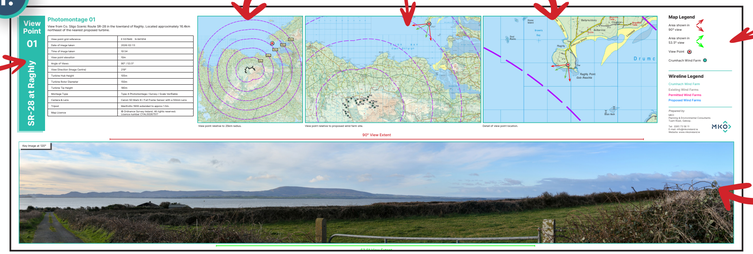
1.

3 x Maps to show you the Viewpoint and turbine locations

Map legend and Wireline legend

Viewpoint info location and Turbine Specs can be found here

This image shows the Existing View at 120°



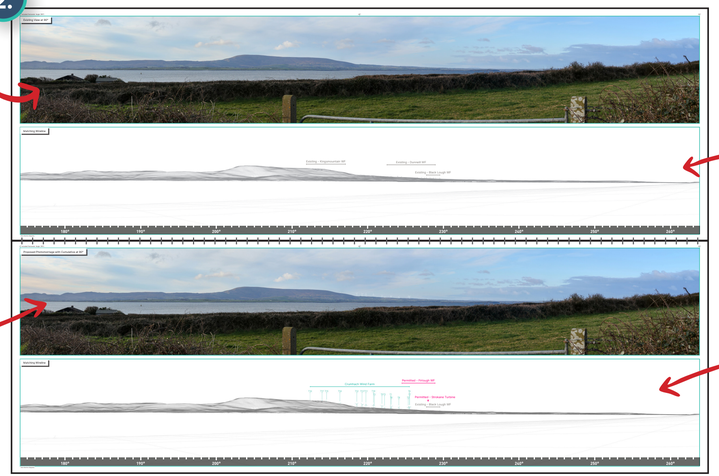
2.

This image shows the "Existing View at 90°"

This 90° "matching wireline" will show Existing Wind Farms within 25km

Using 3d software, the "Proposed View at 90°" illustrates how the proposed development will look if constructed.

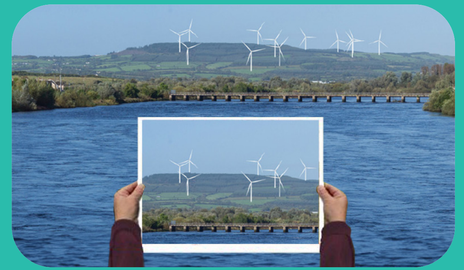
This 90° "Matching Wireline" shows the Proposed Wind Farm with other (cumulative) wind farms in the area, i.e existing, permitted, other proposed wind farms etc...



VISUAL TOOL

It is recommended that photomontages at 53.5° are simply viewed at a comfortable arm's length. (approximately 500mm - 550mm - Visual Representation of Development Proposals LI TGN 06/19 Page 14 of 58).

This will vary depending on the length of the viewer's arms and their eyesight. They should also be viewed flat as they are in planar projection.



3.

This image illustrates the "Proposed Wind Farm at 53.5°". Other existing permitted and proposed wind farms are also shown.

This 53.5° "matching wireline" shows the Proposed Wind Farm and visible cumulative.



TURBINE GUIDE

Colour reference indicating the status of each development.

Crumhach Wind Farm

Cumulative

Existing Wind Farms

Permitted Wind Farms

Proposed Wind Farms

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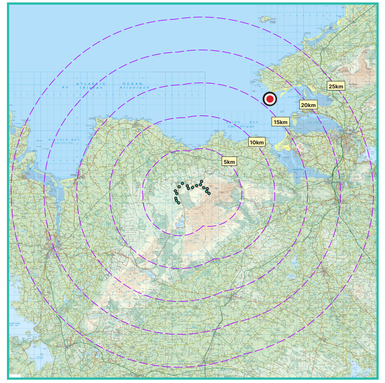
View Point 01

SR-28 at Raghly

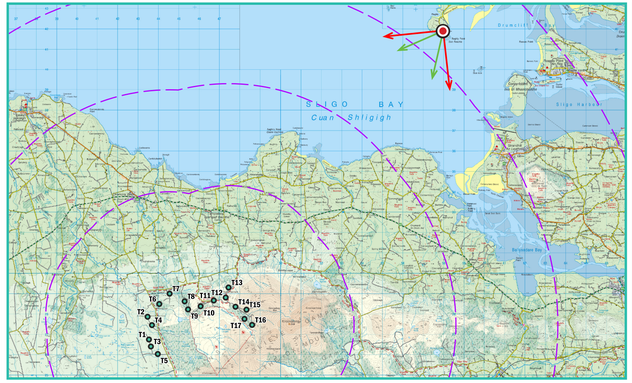
Photomontage 01

View from Co. Sligo Scenic Route SR-28 in the townland of Raghly. Located approximately 16.4km northeast of the nearest proposed turbine.

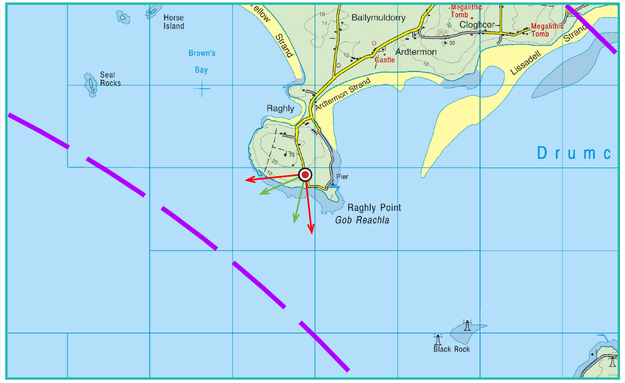
View point grid reference	E 557849 N 841914
Date of image taken	2026-02-13
Time of image taken	10:34
View point elevation	10m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	219°
Turbine Hub Height	105m
Turbine Rotor Diameter	150m
Turbine Tip Height	180m
Montage Type	Type 4 Photomontage / Survey / Scale Verifiable
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Map Licence	© Ordnance Survey Ireland. All rights reserved. Licence number CYAL50267517



View point relative to 25km radius.



View point relative to proposed wind farm site.



Detail of view point location.

Map Legend

Area shown in 90° view

Area shown in 53.5° view

View Point

Crumhach Wind Farm

Wireline Legend

Crumhach Wind Farm

Existing Wind Farms

Permitted Wind Farms

Proposed Wind Farms

Prepared by

MKO
Planning & Environmental Consultants
Tuam Road, Galway.

Tel: (091) 73 56 11
E-mail: info@mkoireland.ie
Website: www.mkoireland.ie

90° View Extent



53.5° View Extent

0° Included Horizontal Angle (90°)

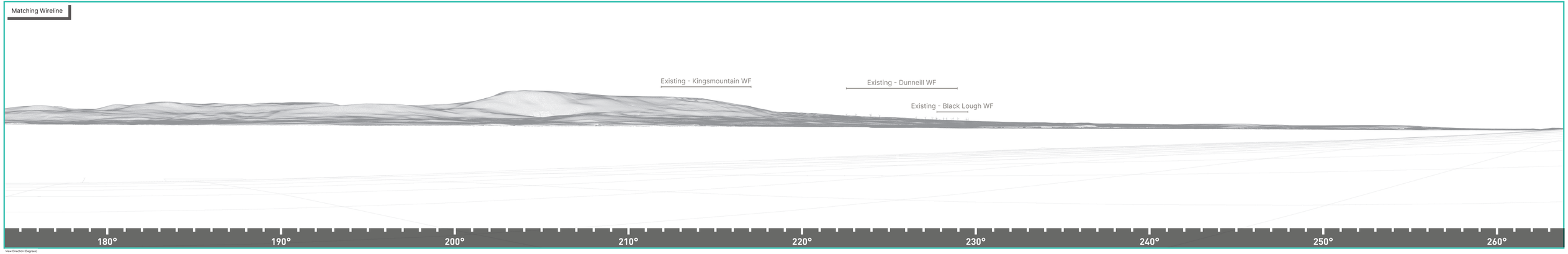
45°

90°

Existing View at 90°



Matching Wireline



View Direction (Degrees)

0° Included Horizontal Angle (90°)

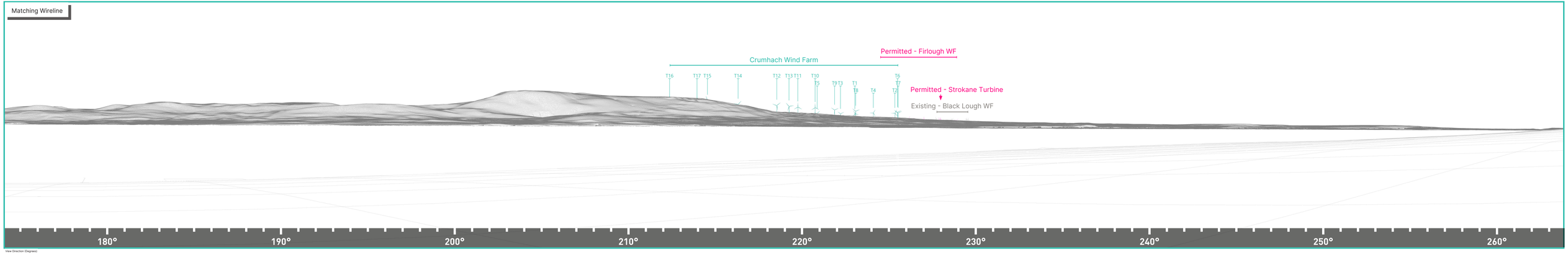
45°

90°

Proposed Photomontage with Cumulative at 90°



Matching Wireline



View Direction (Degrees)

0° Included Horizontal Angle (90°) 26,5° 90°

Proposed Photomontage with Cumulative at 53.5°



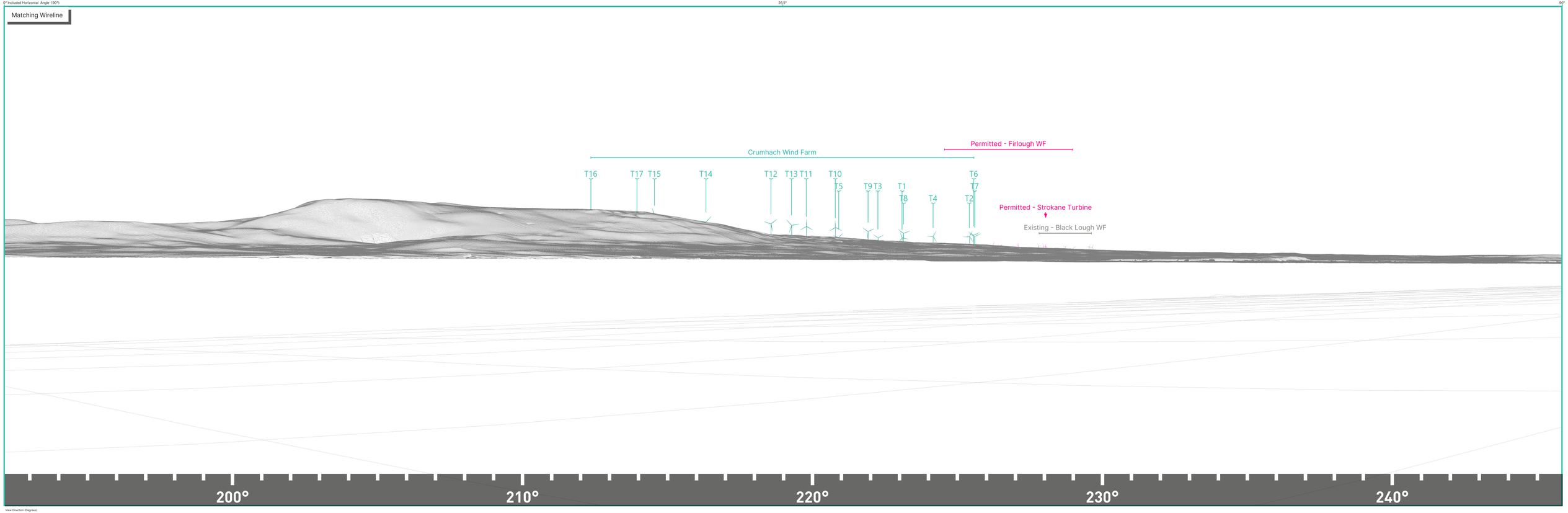
View Direction (Degrees)

0° Included Horizontal Angle (90°)

26,5°

90°

Matching Wireline



View Direction (Degrees)

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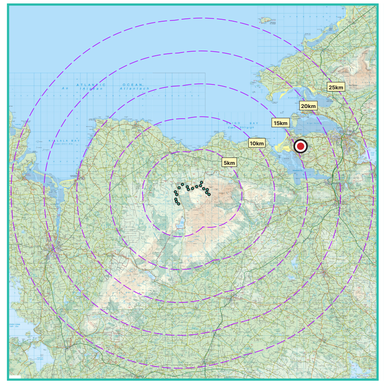
View Point 02

Knocknarea/ Queen Maeve's Tomb

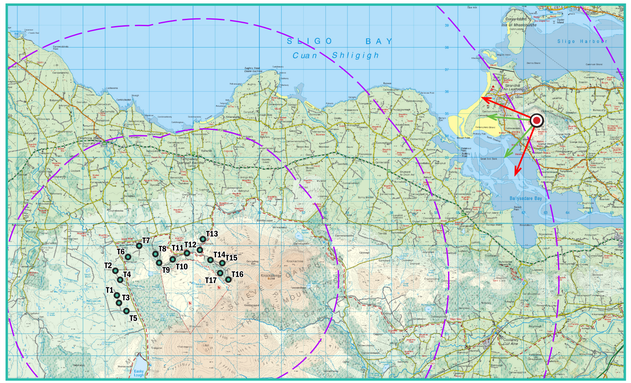
Photomontage 02

View from Queen Maeve's Tomb on Knocknarea Mountain within the Sligo Passage Tomb Landscape. Located approximately 15.6km northeast of the nearest proposed turbine.

View point grid reference	E 562501 N 834805
Date of image taken	2022-07-26
Time of image taken	14:06
View point elevation	312m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	247°
Turbine Hub Height	105m
Turbine Rotor Diameter	150m
Turbine Tip Height	180m
Montage Type	Type 4 Photomontage / Survey / Scale Verifiable
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Map Licence	© Ordnance Survey Ireland. All rights reserved. Licence number CYAL50267517



View point relative to 25km radius.



View point relative to proposed wind farm site.



Detail of view point location.

Map Legend

Area shown in 90° view

Area shown in 53.5° view

View Point

Crumhach Wind Farm

Wireline Legend

Crumhach Wind Farm

Existing Wind Farms

Permitted Wind Farms

Proposed Wind Farms

Prepared by

MKO
Planning & Environmental Consultants
Tuam Road, Galway.

Tel: (091) 73 56 11
E-mail: info@mkoireland.ie
Website: www.mkoireland.ie

90° View Extent



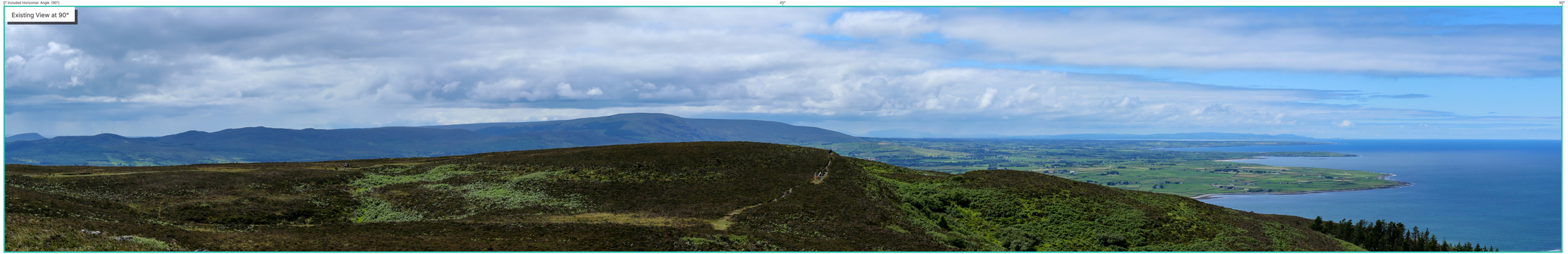
53.5° View Extent

0° Included Horizontal Angle (90°)

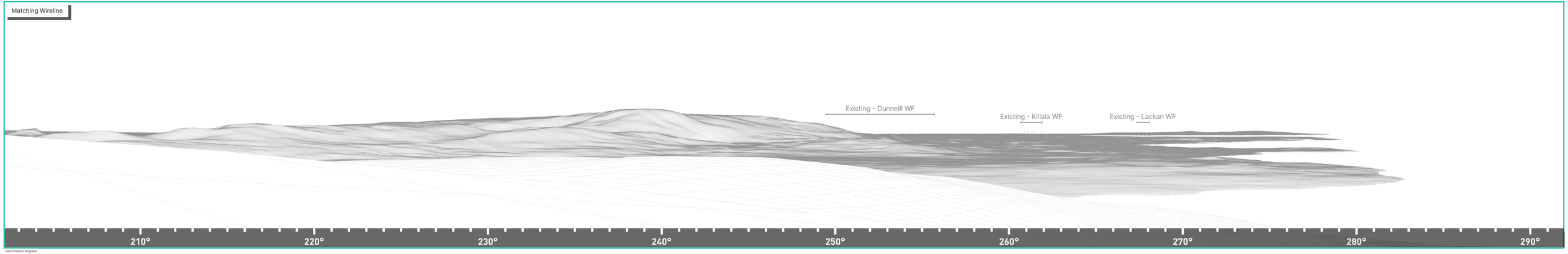
45°

90°

Existing View at 90°



Matching Wireline



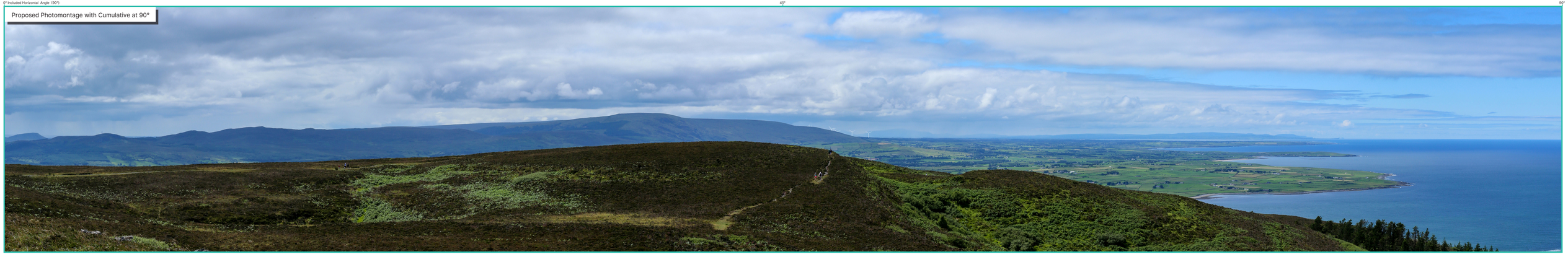
View Direction (Degrees)

0° Included Horizontal Angle (90°)

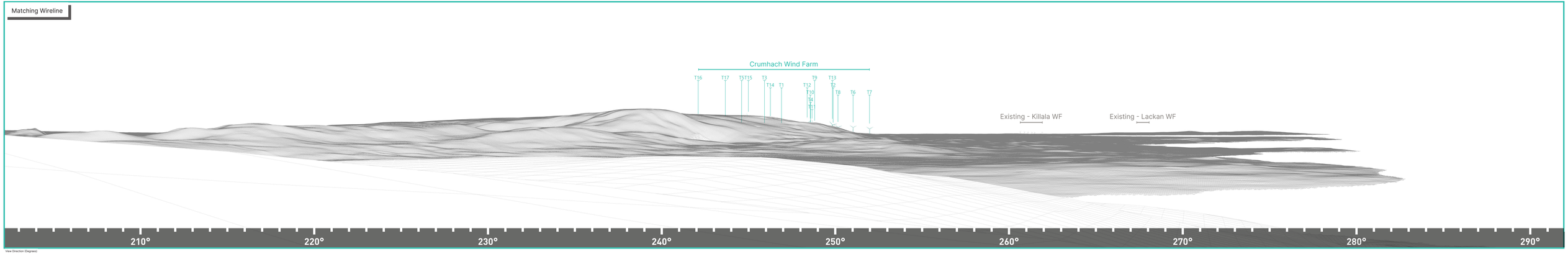
45°

90°

Proposed Photomontage with Cumulative at 90°



Matching Wireline



View Direction (Degrees)

0° Included Horizontal Angle (90°) 26,5° 90°

Proposed Photomontage with Cumulative at 53.5°



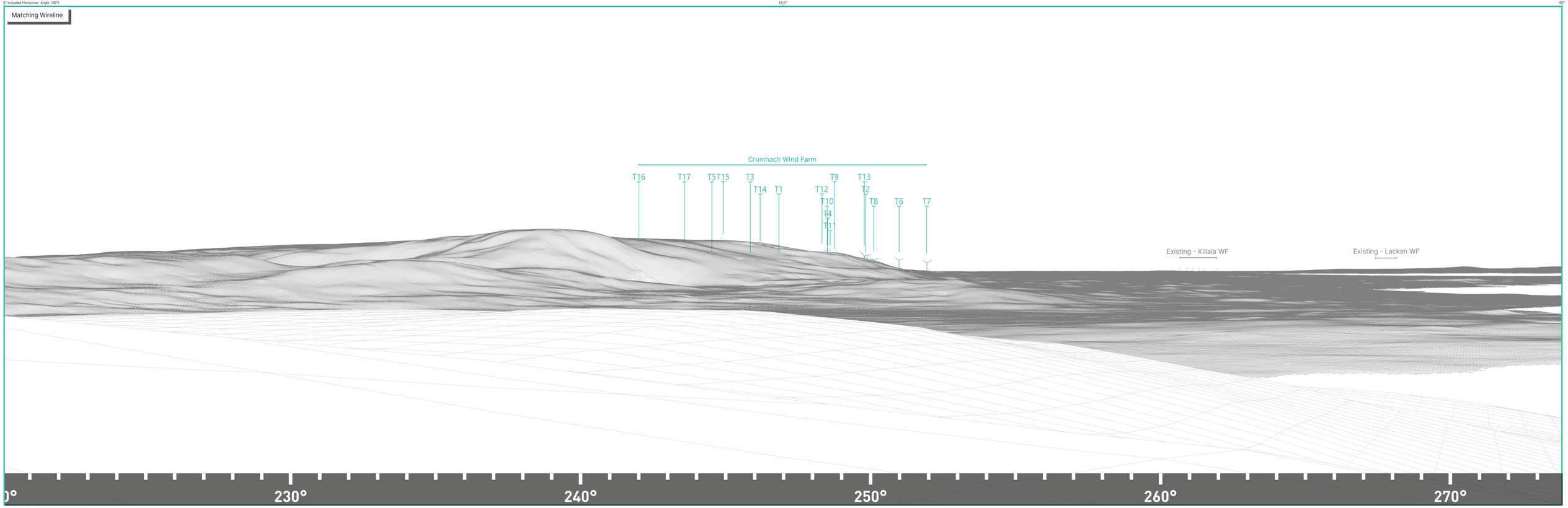
View Direction (Degrees)

0° Included Horizontal Angle (90°)

26,5°

90°

Matching Wireline



View Direction (Degrees)

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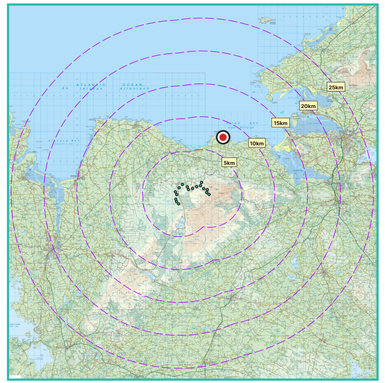
View Point 03

Aughras near SR-56

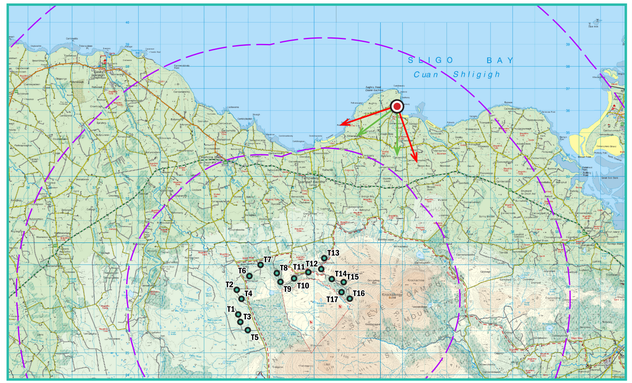
Photomontage 03

View from the end of the local road at Aughras Coastal Walk trailhead in the townland of Aughras, north of Co. Sligo Scenic Route SR-56. Located approximately 7.7km north of the nearest proposed turbine.

View point grid reference	E 550730 N 836193
Date of image taken	2025-02-05
Time of image taken	10:23
View point elevation	9m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	206°
Turbine Hub Height	105m
Turbine Rotor Diameter	150m
Turbine Tip Height	180m
Montage Type	Type 4 Photomontage / Survey / Scale Verifiable
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Map Licence	© Ordnance Survey Ireland. All rights reserved. Licence number CYAL50267517



View point relative to 25km radius.



View point relative to proposed wind farm site.



Detail of view point location.

Map Legend

Area shown in 90° view

Area shown in 53.5° view

View Point

Crumhach Wind Farm

Wireline Legend

Crumhach Wind Farm

Existing Wind Farms

Permitted Wind Farms

Proposed Wind Farms

Prepared by

MKO
Planning & Environmental Consultants
Tuam Road, Galway.

Tel: (091) 73 56 11
E-mail: info@mkoireland.ie
Website: www.mkoireland.ie

90° View Extent



53.5° View Extent

0° Included Horizontal Angle (90°)

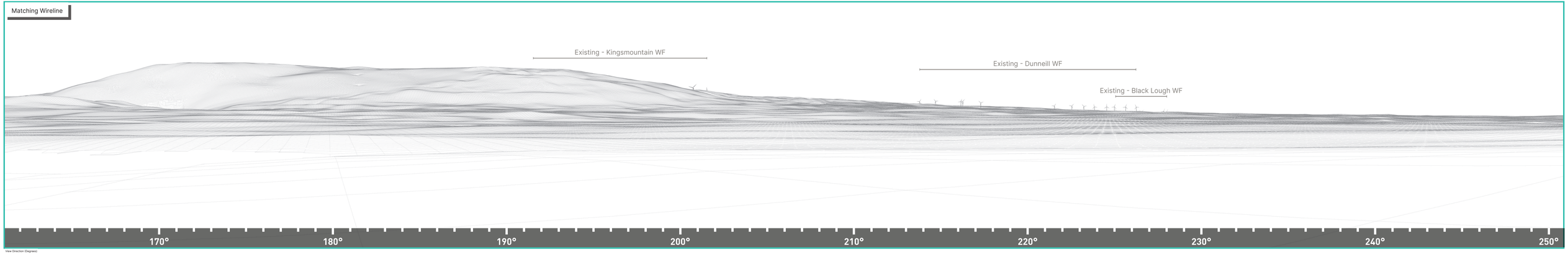
45°

90°

Existing View at 90°



Matching Wireline



View Direction (Degrees)

0° Included Horizontal Angle (90°)

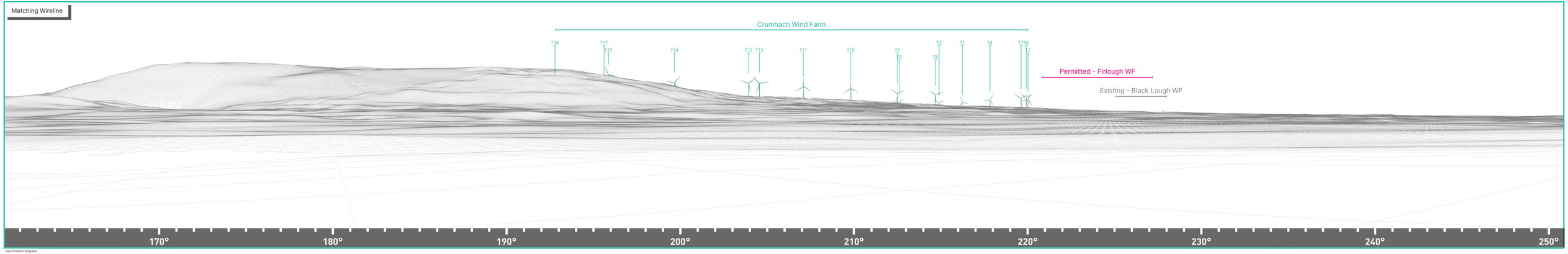
45°

90°

Proposed Photomontage with Cumulative at 90°



Matching Wireline



View Direction (Degrees)

0° Included Horizontal Angle (90°) 26,5° 90°

Proposed Photomontage with Cumulative at 53.5°



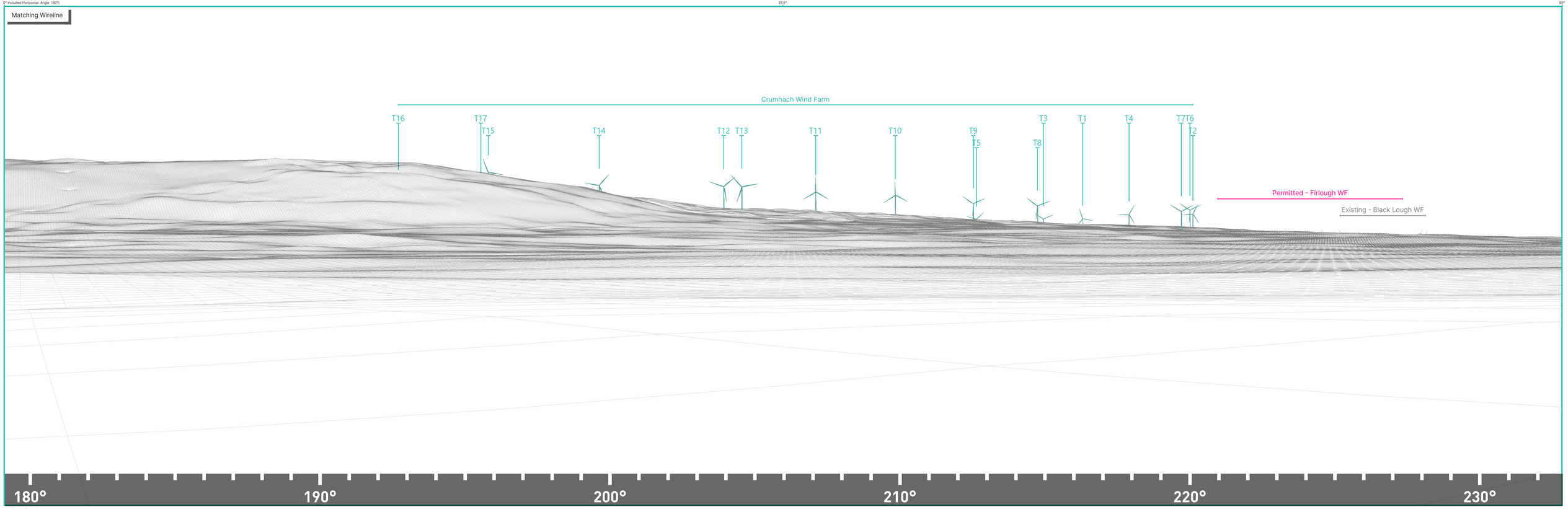
View Direction (Degrees)

0° Included Horizontal Angle (90°)

26,5°

90°

Matching Wireline



View Direction (Degrees)

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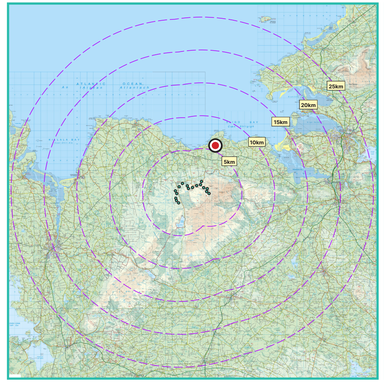
View Point 04

SR-53 at Garryduff

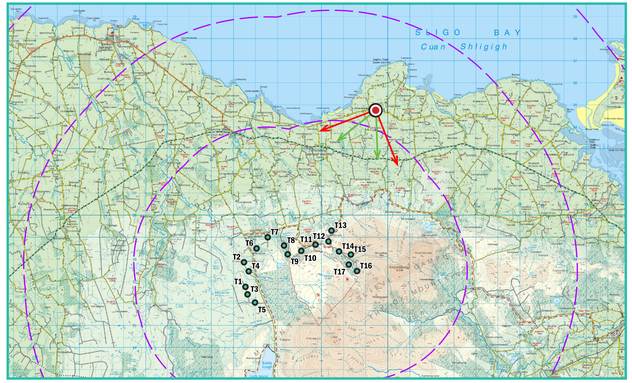
Photomontage 04

View from Co. Sligo Scenic Route SR-53 in the townland of Garryduff, near St. Mary's National School - Kilrusheighter. Located approximately 5.8km north of the nearest proposed turbine.

View point grid reference	E 549520 N 834734
Date of image taken	2025-02-05
Time of image taken	10:45
View point elevation	23m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	204°
Turbine Hub Height	105m
Turbine Rotor Diameter	150m
Turbine Tip Height	180m
Montage Type	Type 4 Photomontage / Survey / Scale Verifiable
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Map Licence	© Ordnance Survey Ireland. All rights reserved. Licence number CYAL50267517



View point relative to 25km radius.



View point relative to proposed wind farm site.



Detail of view point location.

Map Legend

Area shown in 90° view

Area shown in 53.5° view

View Point

Crumhach Wind Farm

Wireline Legend

Crumhach Wind Farm

Existing Wind Farms

Permitted Wind Farms

Proposed Wind Farms

Prepared by

MKO
Planning & Environmental Consultants
Tuam Road, Galway.

Tel: (091) 73 56 11
E-mail: info@mkoireland.ie
Website: www.mkoireland.ie

90° View Extent



53.5° View Extent

0° Included Horizontal Angle (90°)

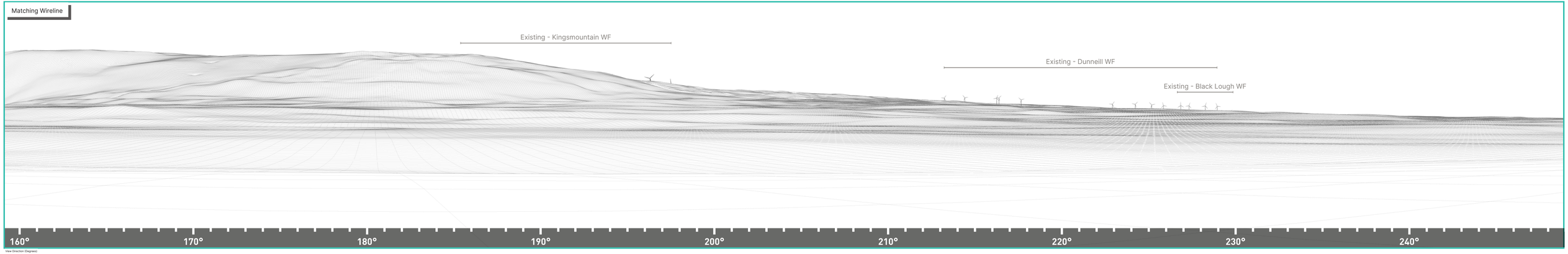
45°

90°

Existing View at 90°



Matching Wireline



View Direction (Degrees)

0° Included Horizontal Angle (90°)

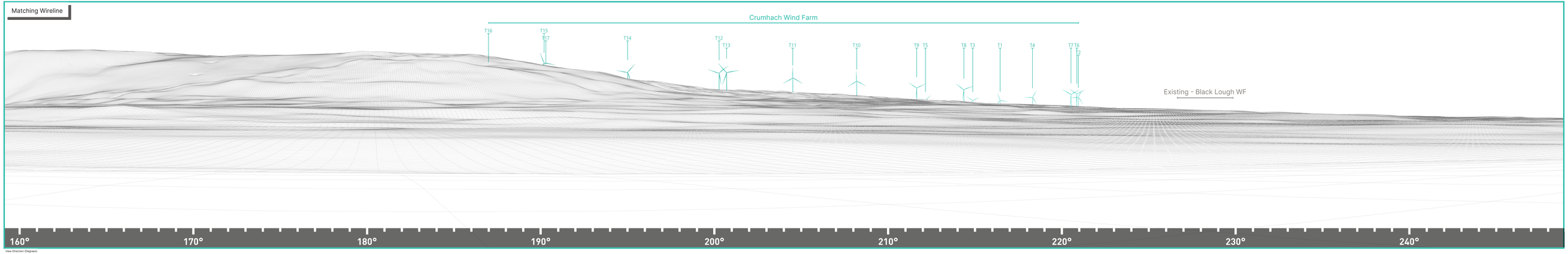
45°

90°

Proposed Photomontage with Cumulative at 90°



Matching Wireline



View Direction (Degrees)

0° Included Horizontal Angle (90°) 26,5° 90°

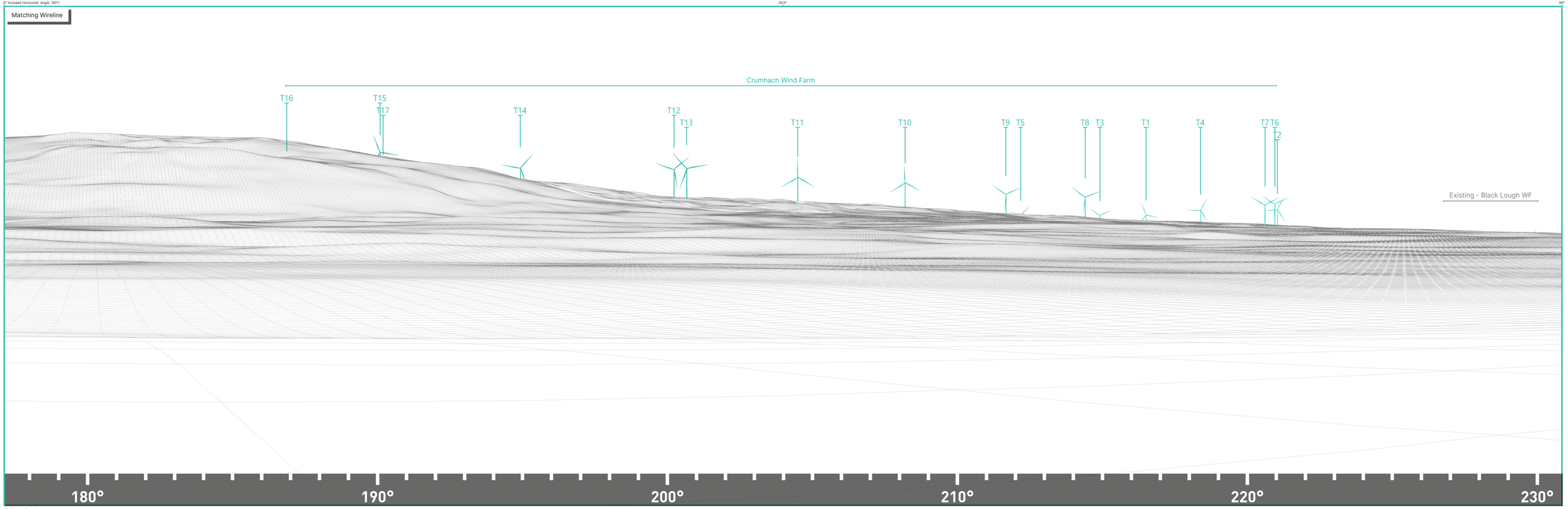
Proposed Photomontage with Cumulative at 53.5°



View Direction (Degrees)

0° Included Horizontal Angle (90°) 26,5° 90°

Matching Wireline



View Direction (Degrees)

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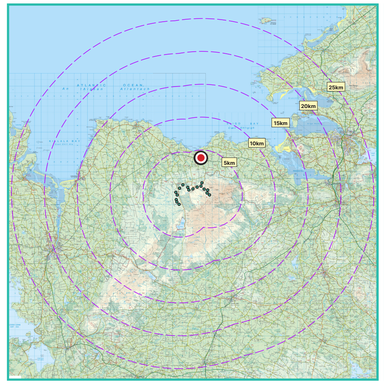
View Point 05

SR-70 and SR-7 at Doonycoy

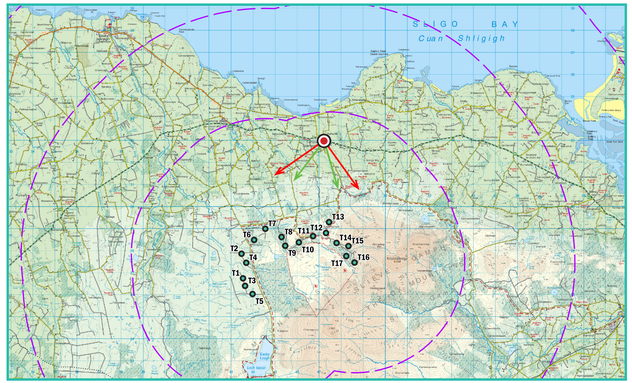
Photomontage 05

View from Co. Sligo Scenic Routes SR-70 and SR-7, and the N59 National Road in the townland of Doonycoy. Located approximately 3.8km north of the nearest proposed turbine.

View point grid reference	E 547171 N 833078
Date of image taken	2026-02-13
Time of image taken	14:02
View point elevation	56m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	190°
Turbine Hub Height	105m
Turbine Rotor Diameter	150m
Turbine Tip Height	180m
Montage Type	Type 4 Photomontage / Survey / Scale Verifiable
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Map Licence	© Ordnance Survey Ireland. All rights reserved. Licence number CYAL50267517



View point relative to 25km radius.



View point relative to proposed wind farm site.



Detail of view point location.

90° View Extent



53.5° View Extent

Map Legend

Area shown in 90° view

Area shown in 53.5° view

View Point

Crumhach Wind Farm

Wireline Legend

Crumhach Wind Farm

Existing Wind Farms

Permitted Wind Farms

Proposed Wind Farms

Prepared by

MKO
Planning & Environmental Consultants
Tuam Road, Galway.

Tel: (091) 73 56 11
E-mail: info@mkoireland.ie
Website: www.mkoireland.ie

0° Included Horizontal Angle (90°)

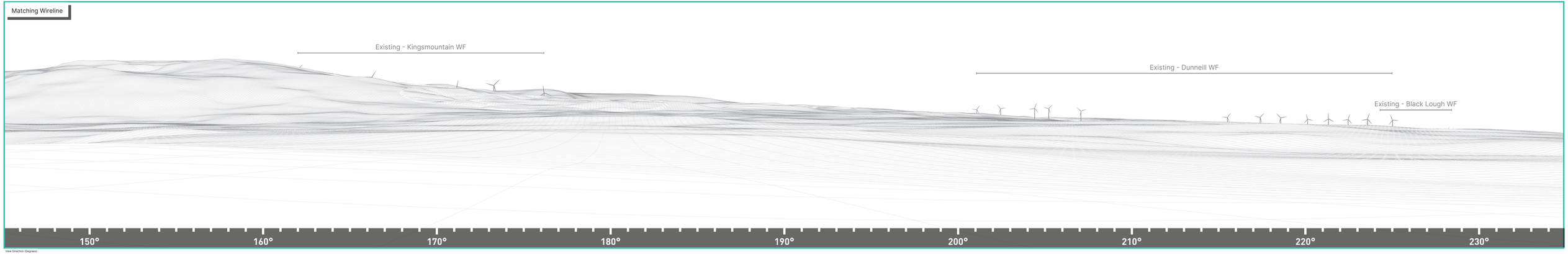
45°

90°

Existing View at 90°



Matching Wireline



View Direction (Degrees)

0° Included Horizontal Angle (90°)

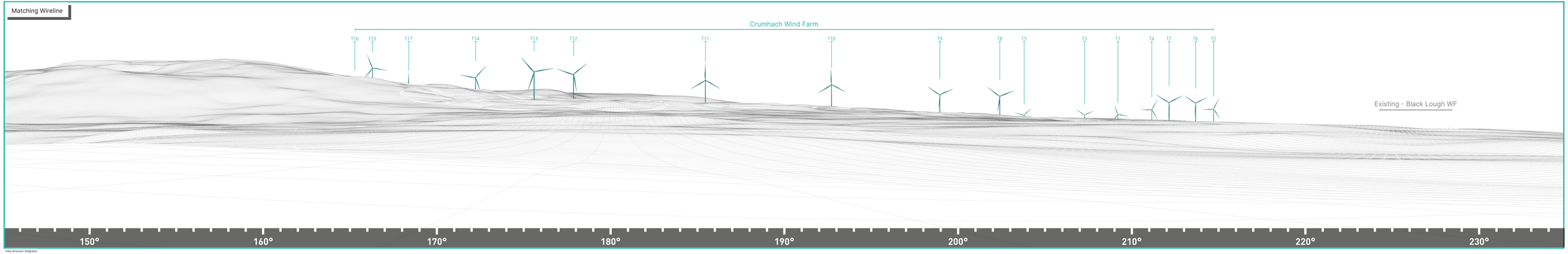
45°

90°

Proposed Photomontage with Cumulative at 90°



Matching Wireline



View Direction (Degrees)

0° Included Horizontal Angle (90°) 26,5° 90°

Proposed Photomontage with Cumulative at 53.5°



View Direction (Degrees)

0° Included Horizontal Angle (90°)

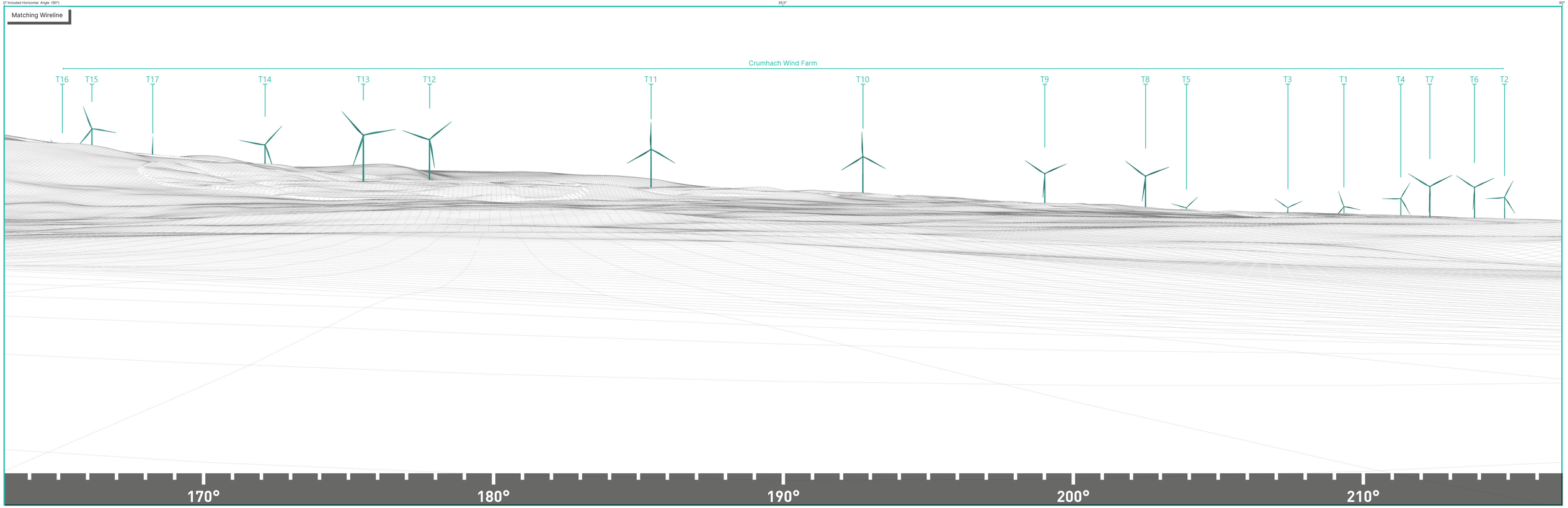
26,5°

90°

Matching Wireline

Crumhach Wind Farm

T16 T15 T17 T14 T13 T12 T11 T10 T9 T8 T5 T3 T1 T4 T7 T6 T2



View Direction (Degrees)

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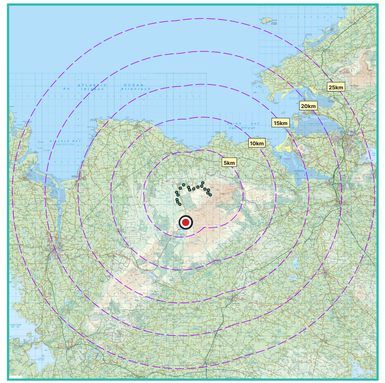
View Point 06

SR-58 at Lough Easky

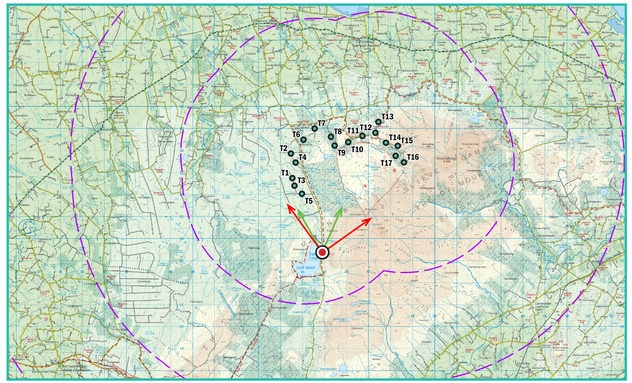
Photomontage 06

View from Co. Sligo Scenic Route SR-58 in the townland of Cloonacool, on the Sligo Way waymarked walking trail and Lough Easky Loop. Located approximately 2.9km south of the nearest proposed turbine.

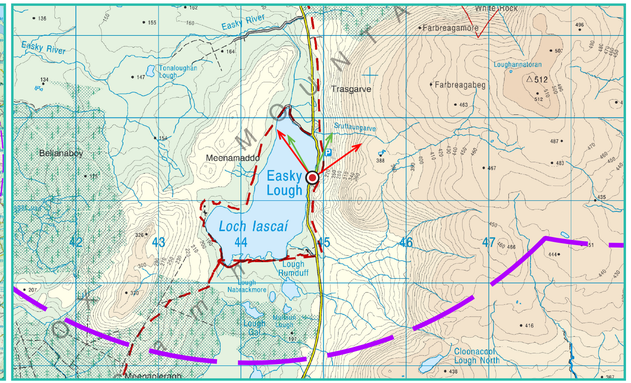
View point grid reference	E 544824 N 823287
Date of image taken	2025-02-05
Time of image taken	11:43
View point elevation	181m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	9° / 356°
Turbine Hub Height	105m
Turbine Rotor Diameter	150m
Turbine Tip Height	180m
Montage Type	Type 4 Photomontage / Survey / Scale Verifiable
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Map Licence	© Ordnance Survey Ireland. All rights reserved. Licence number CYAL50267517



View point relative to 25km radius.



View point relative to proposed wind farm site.



Detail of view point location.

Map Legend

Area shown in 90° view

Area shown in 53.5° view

View Point

Crumhach Wind Farm

Wireline Legend

Crumhach Wind Farm

Existing Wind Farms

Permitted Wind Farms

Proposed Wind Farms

Prepared by

MKO
Planning & Environmental Consultants
Tuam Road, Galway.

Tel: (091) 73 56 11
E-mail: info@mkoireland.ie
Website: www.mkoireland.ie

90° View Extent



53.5° View Extent

0° Included Horizontal Angle (90°)

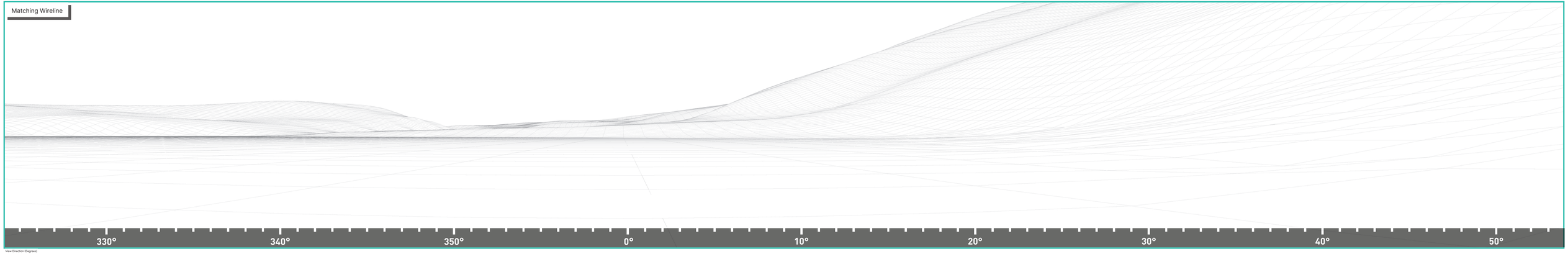
45°

90°

Existing View at 90°



Matching Wireline



View Direction (Degrees)

0° Included Horizontal Angle (90°)

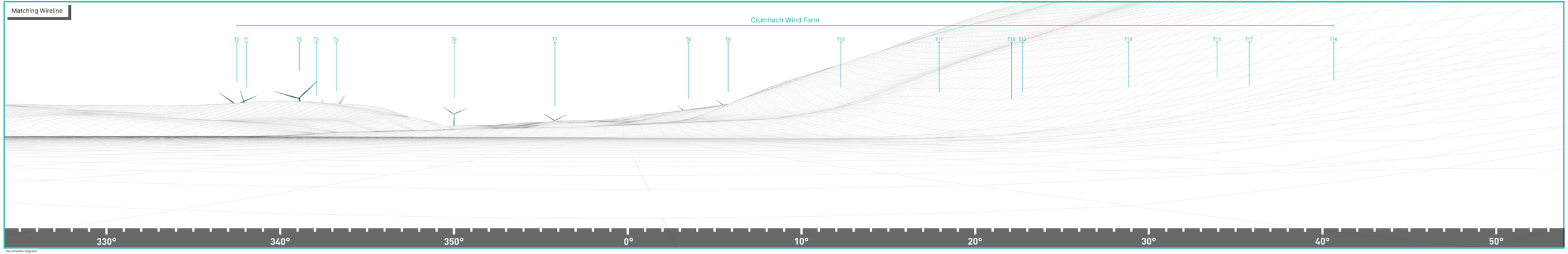
45°

90°

Proposed Photomontage with Cumulative at 90°



Matching Wireline



View Direction (Degrees)

0° Included Horizontal Angle (90°) 26,5° 90°

Proposed Photomontage with Cumulative at 53.5°



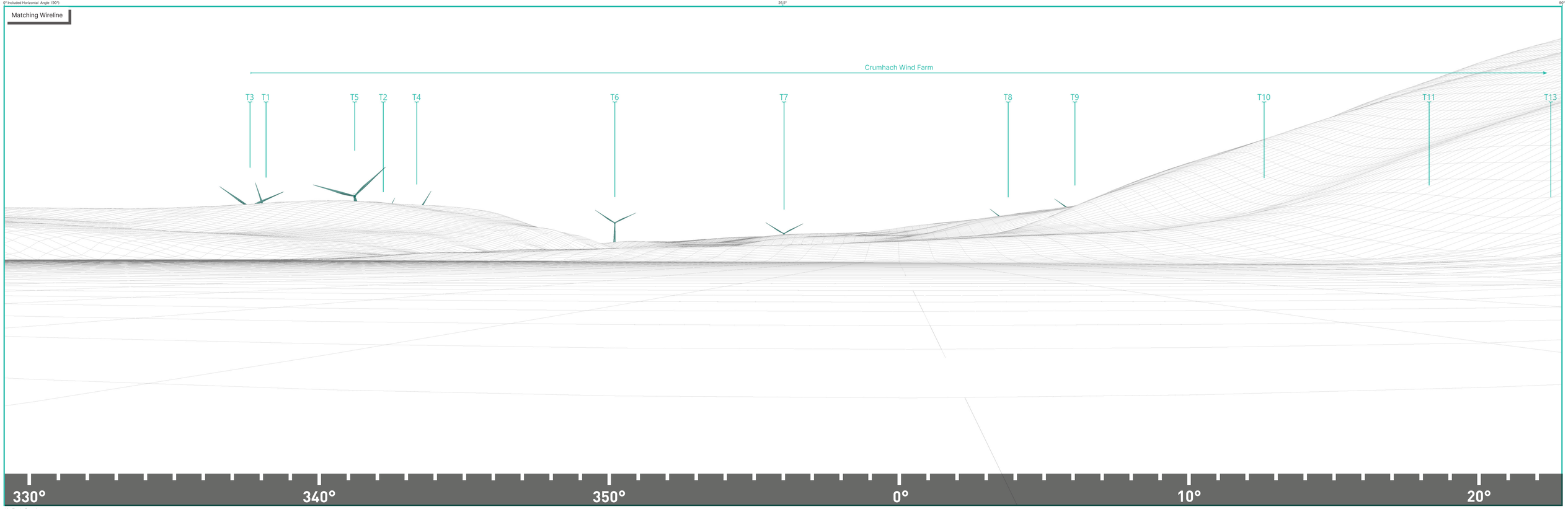
View Direction (Degrees)

0° Included Horizontal Angle (90°)

26,5°

90°

Matching Wireline



View Direction (Degrees)

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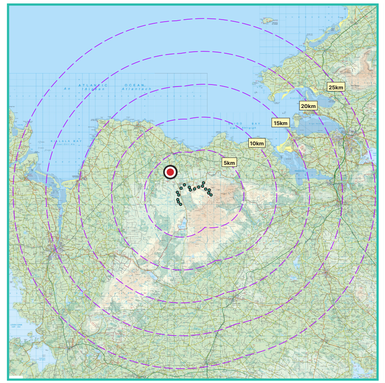
View Point 07

SR-58 at Farranmacfarrell

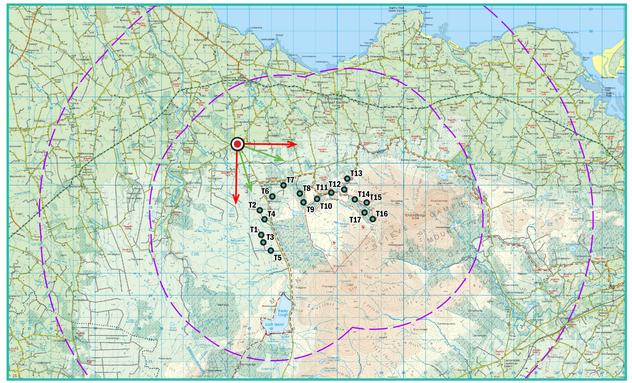
Photomontage 07

View from Co. Sligo Scenic Route SR-58 in the townland of Farranmacfarrell. Located approximately 2.9km northwest of the nearest proposed turbine.

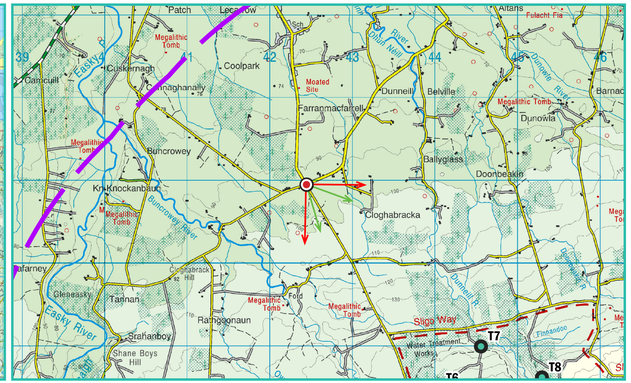
View point grid reference	E 542403 N 830962
Date of image taken	2026-02-13
Time of image taken	17:28
View point elevation	91m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	136°
Turbine Hub Height	105m
Turbine Rotor Diameter	150m
Turbine Tip Height	180m
Montage Type	Type 4 Photomontage / Survey / Scale Verifiable
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Map Licence	© Ordnance Survey Ireland. All rights reserved. Licence number CYAL50267517



View point relative to 25km radius.



View point relative to proposed wind farm site.


Patch
Megalithic Tomb
Gurtnaskeha
Coolpark
Moated Site
Farranmacfarrell
Dunneill
Belville
Megalithic Tomb
Dunowla
Barnac
Bunnahanaily
Bunnahanaily
Megalithic Tomb
Bunnahanaily
Megalithic Tomb
Bunnahanaily
Megalithic Tomb

0° Included Horizontal Angle (90°)

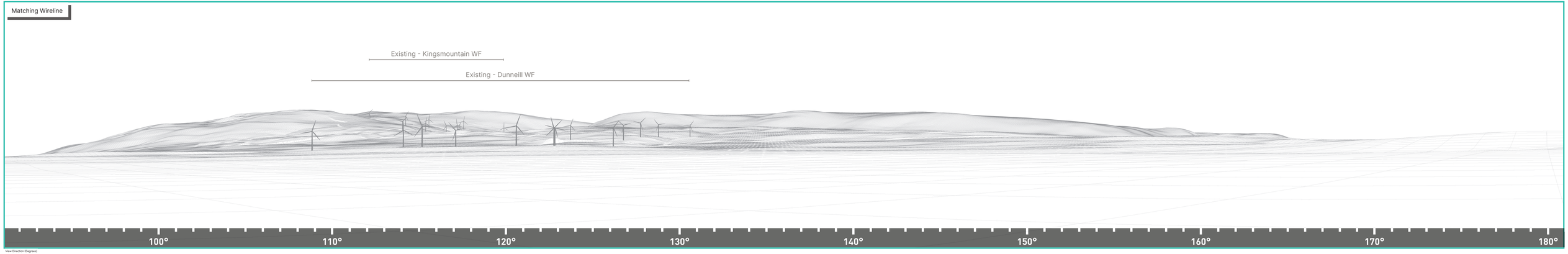
45°

90°

Existing View at 90°



Matching Wireline



View Direction (Degrees)

0° Included Horizontal Angle (90°)

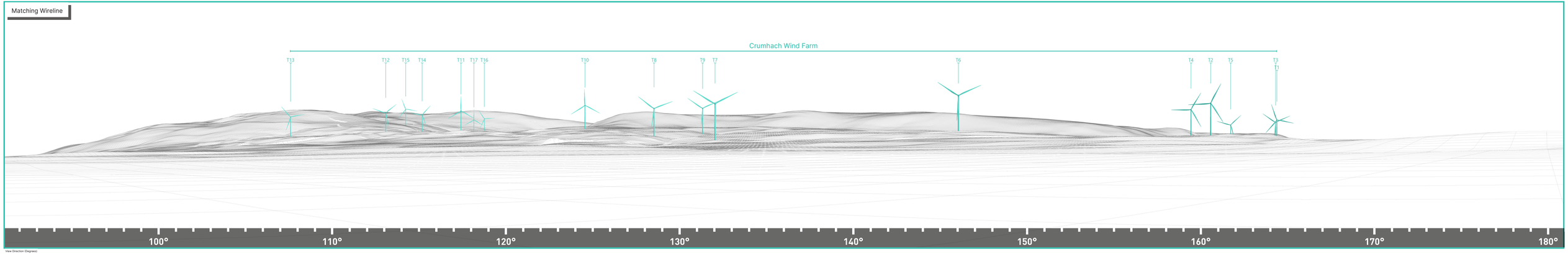
45°

90°

Proposed Photomontage with Cumulative at 90°



Matching Wireline



View Direction (Degrees)

0° Included Horizontal Angle (90°) 26,5° 90°

Proposed Photomontage with Cumulative at 53.5°



View Direction (Degrees)

0° Included Horizontal Angle (90°)

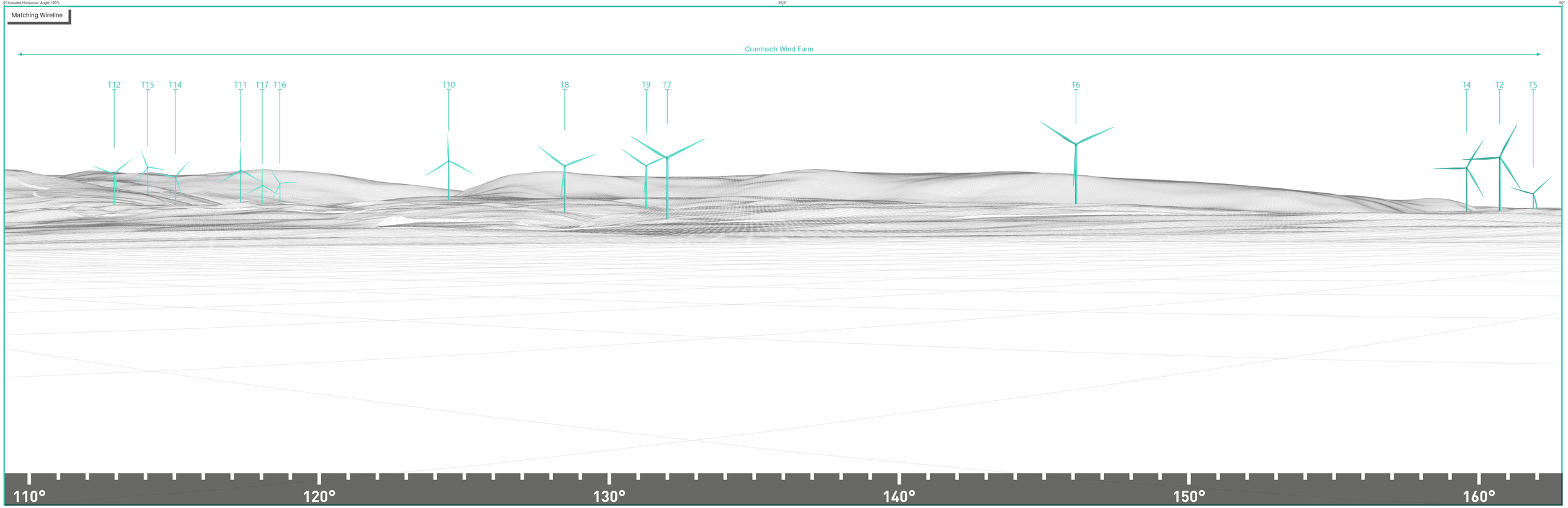
26,5°

90°

Matching Wireline

Crumhach Wind Farm

T12 T15 T14 T11 T17 T16 T10 T8 T9 T7 T6 T4 T2 T5



View Direction (Degrees)

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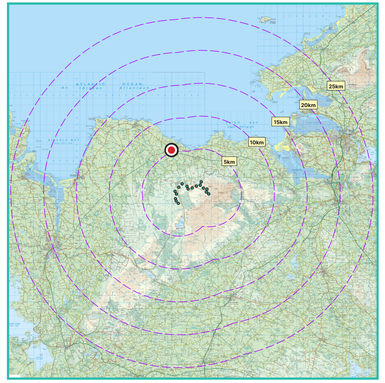
View Point 08

SR-20 at Dromore West

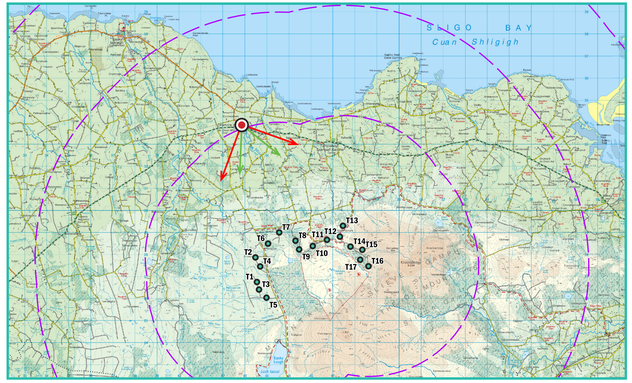
Photomontage 08

View from Co. Sligo Scenic Route SR-7 in the village of Dromore West, in the townland of Knockaculleen. Located approximately 5.2km from the nearest proposed turbine.

View point grid reference	E 542751 N 833887
Date of image taken	2026-02-13
Time of image taken	17:08
View point elevation	62m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	154°
Turbine Hub Height	105m
Turbine Rotor Diameter	150m
Turbine Tip Height	180m
Montage Type	Type 4 Photomontage / Survey / Scale Verifiable
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Map Licence	© Ordnance Survey Ireland. All rights reserved. Licence number CYAL50267517



View point relative to 25km radius.



View point relative to proposed wind farm site.



Detail of view point location.

Map Legend

Area shown in 90° view

Area shown in 53.5° view

View Point

Crumhach Wind Farm

Wireline Legend

Crumhach Wind Farm

Existing Wind Farms

Permitted Wind Farms

Proposed Wind Farms

Prepared by

MKO
Planning & Environmental Consultants
Tuam Road, Galway.

Tel: (091) 73 56 11
E-mail: info@mkoireland.ie
Website: www.mkoireland.ie

90° View Extent

Key Image at 120°



53.5° View Extent

0° Included Horizontal Angle (90°)

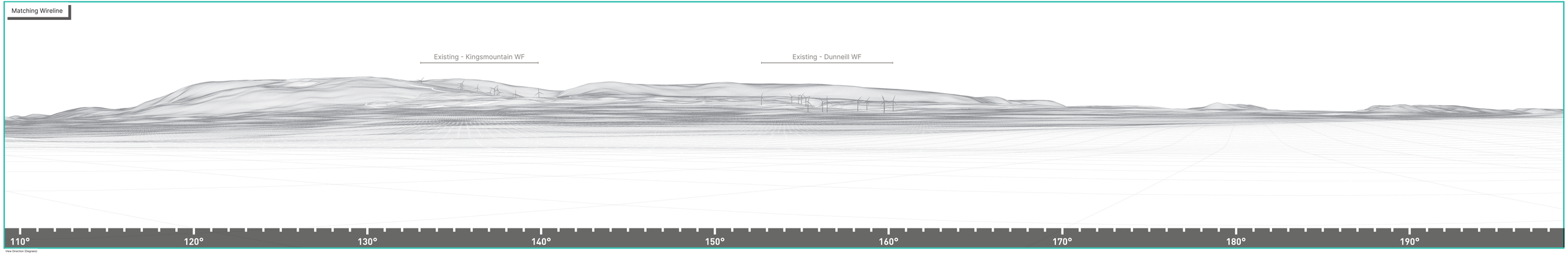
45°

90°

Existing View at 90°



Matching Wireline



View Direction (Degrees)

0° Included Horizontal Angle (90°)

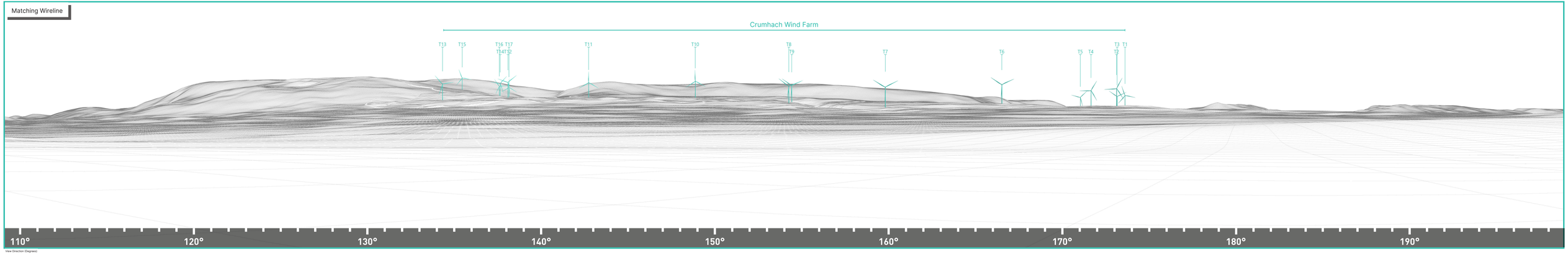
45°

90°

Proposed Photomontage with Cumulative at 90°



Matching Wireline



View Direction (Degrees)

0° Included Horizontal Angle (90°) 26,5° 90°

Proposed Photomontage with Cumulative at 53.5°



View Direction (Degrees)

0° Included Horizontal Angle (90°)

26,5°

90°

Matching Wireline

Crumhach Wind Farm

T13 T15 T16 T17 T14 T12 T11 T10 T8 T9 T7 T6 T5 T4 T3 T2 T1

130° 140° 150° 160° 170° 180°

View Direction (Degrees)

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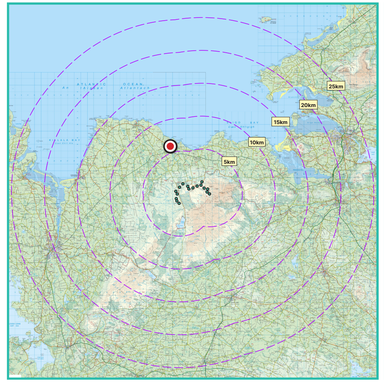
View Point 09

SR-53 at Ballygilcash

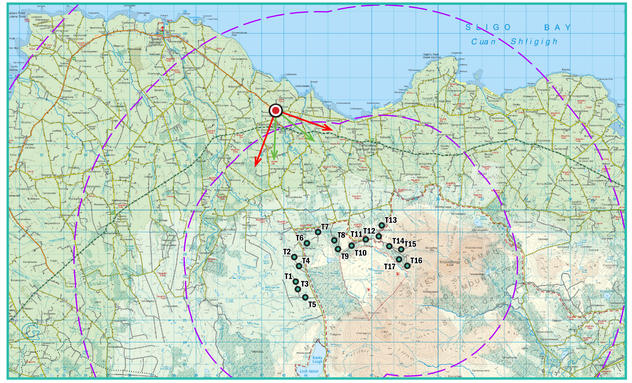
Photomontage 09

View from Co. Sligo Scenic Route SR-53 in the townland of Ballygilcash. Located approximately 5.8km north of the nearest proposed turbine.

View point grid reference	E 542625 N 834526
Date of image taken	2026-02-13
Time of image taken	16:51
View point elevation	70m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	155°
Turbine Hub Height	105m
Turbine Rotor Diameter	150m
Turbine Tip Height	180m
Montage Type	Type 4 Photomontage / Survey / Scale Verifiable
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Map Licence	© Ordnance Survey Ireland. All rights reserved. Licence number CYAL50267517



View point relative to 25km radius.



View point relative to proposed wind farm site.



Detail of view point location.

Map Legend

- Area shown in 90° view
- Area shown in 53.5° view
- View Point
- Crumhach Wind Farm

Wireline Legend

- Crumhach Wind Farm
- Existing Wind Farms
- Permitted Wind Farms
- Proposed Wind Farms

Prepared by

MKO
Planning & Environmental Consultants
Tuam Road, Galway.

Tel: (091) 73 56 11
E-mail: info@mkoireland.ie
Website: www.mkoireland.ie

90° View Extent



53.5° View Extent

0° Included Horizontal Angle (90°)

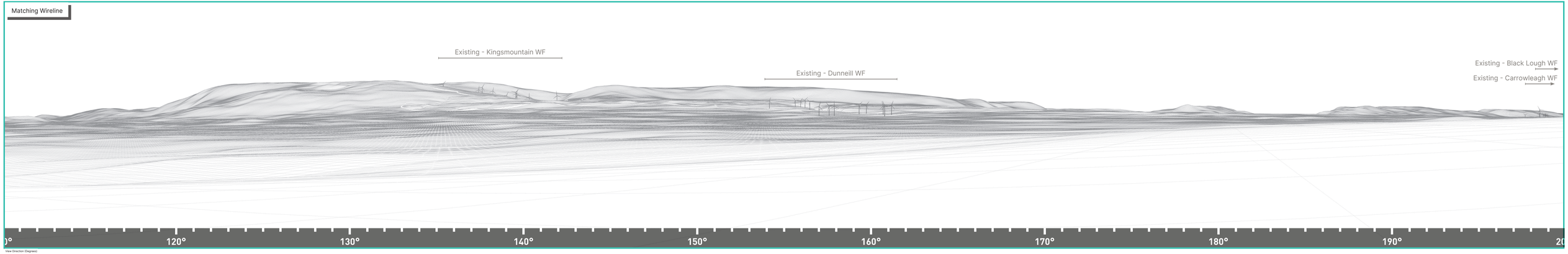
45°

90°

Existing View at 90°



Matching Wireline



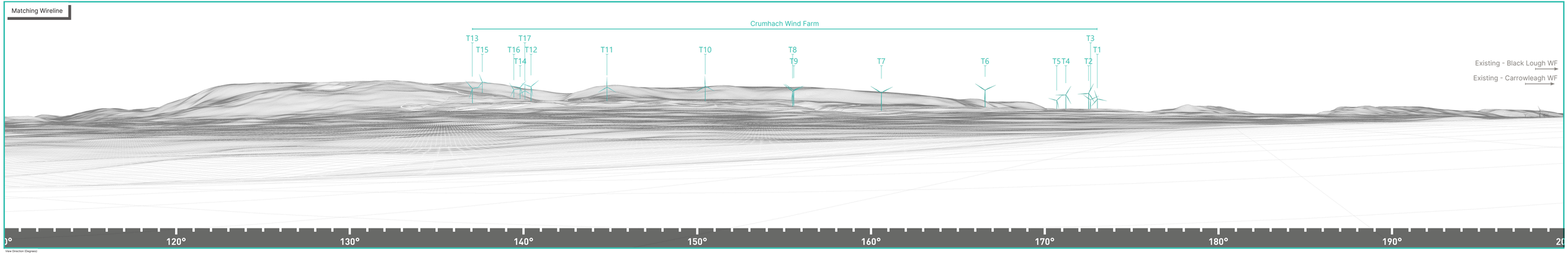
View Direction (Degrees)

0° Included Horizontal Angle (90°) 45° 90°

Proposed Photomontage with Cumulative at 90°



Matching Wireline



View Direction (Degrees)

0° Included Horizontal Angle (90°) 26,5° 90°

Proposed Photomontage with Cumulative at 53.5°



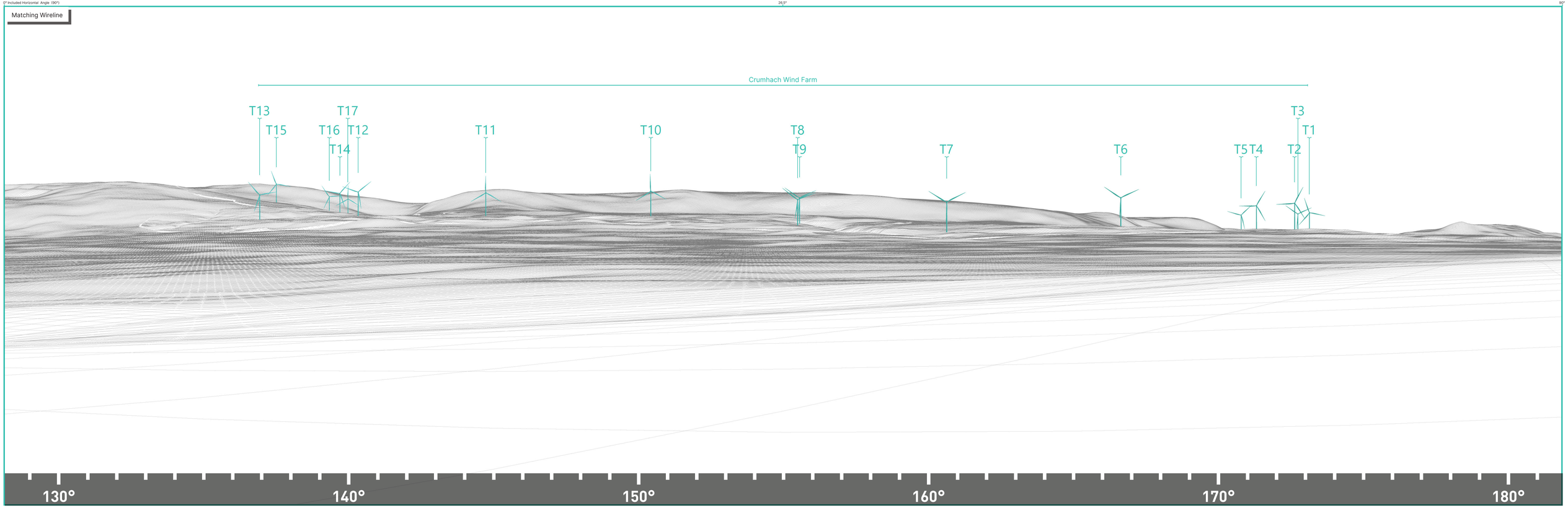
View Direction (Degrees)

0° Included Horizontal Angle (90°)

26,5°

90°

Matching Wireline



View Direction (Degrees)

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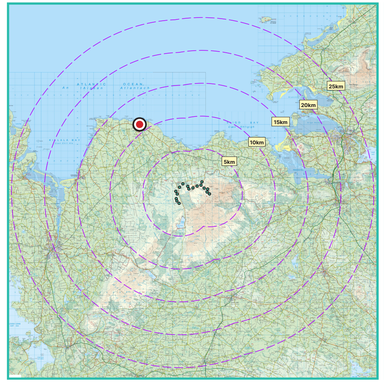
View Point 10

SR-20 and SR-52 at Easky

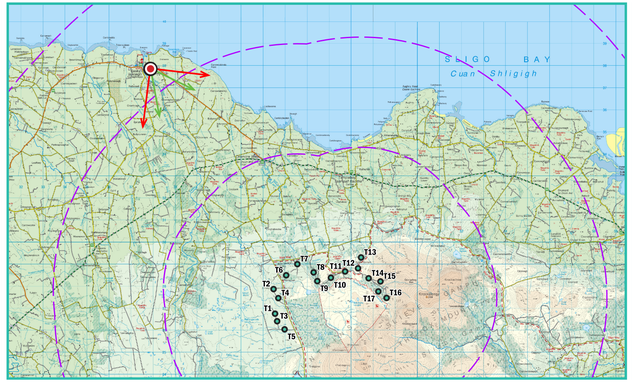
Photomontage 10

View from Co. Sligo Scenic Routes SR-20 and SR-52 in the townland of Bunowna in Easky village. Located approximately 11.1km northwest of the nearest proposed turbine.

View point grid reference	E 537818 N 837861
Date of image taken	2025-02-05
Time of image taken	14:17
View point elevation	15m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	142°
Turbine Hub Height	105m
Turbine Rotor Diameter	150m
Turbine Tip Height	180m
Montage Type	Type 4 Photomontage / Survey / Scale Verifiable
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Map Licence	© Ordnance Survey Ireland. All rights reserved. Licence number CYAL50267517



View point relative to 25km radius.



View point relative to proposed wind farm site.



Detail of view point location.

Map Legend

Area shown in 90° view

Area shown in 53.5° view

View Point

Crumhach Wind Farm

Wireline Legend

Crumhach Wind Farm

Existing Wind Farms

Permitted Wind Farms

Proposed Wind Farms

Prepared by

MKO
Planning & Environmental Consultants
Tuam Road, Galway.

Tel: (091) 73 56 11
E-mail: info@mkoireland.ie
Website: www.mkoireland.ie

90° View Extent



53.5° View Extent

0° Included Horizontal Angle (90°)

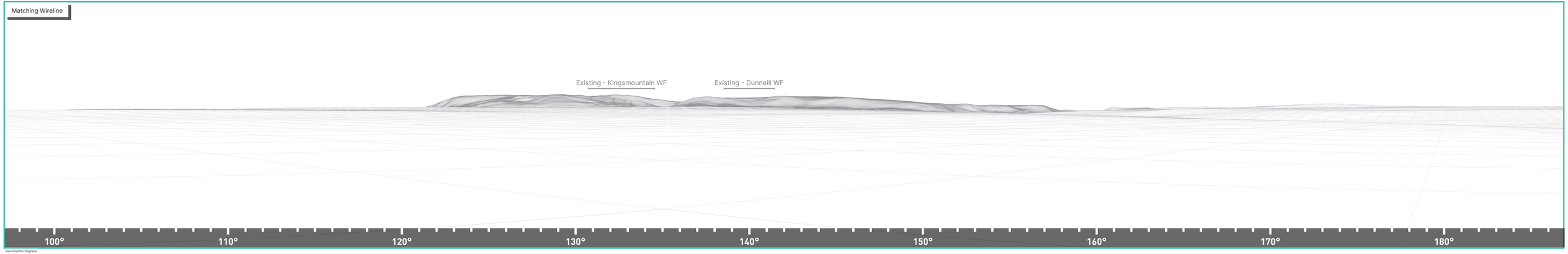
45°

90°

Existing View at 90°



Matching Wireline



View Direction (Degrees)

0° Included Horizontal Angle (90°)

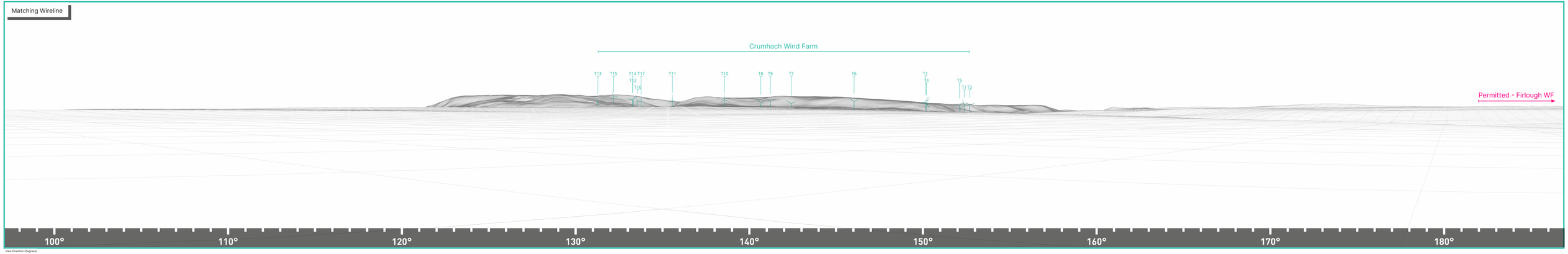
45°

90°

Proposed Photomontage with Cumulative at 90°



Matching Wireline



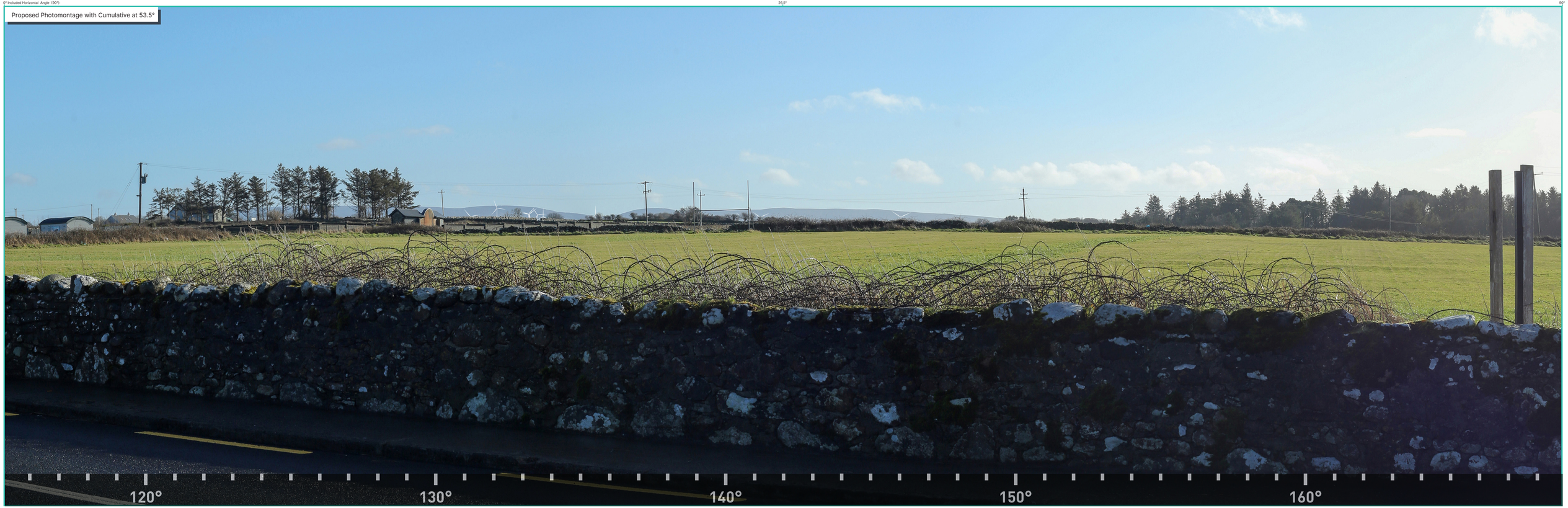
View Direction (Degrees)

0° Included Horizontal Angle (90°)

26,5°

90°

Proposed Photomontage with Cumulative at 53.5°



View Direction (Degrees)

0° Included Horizontal Angle (90°)

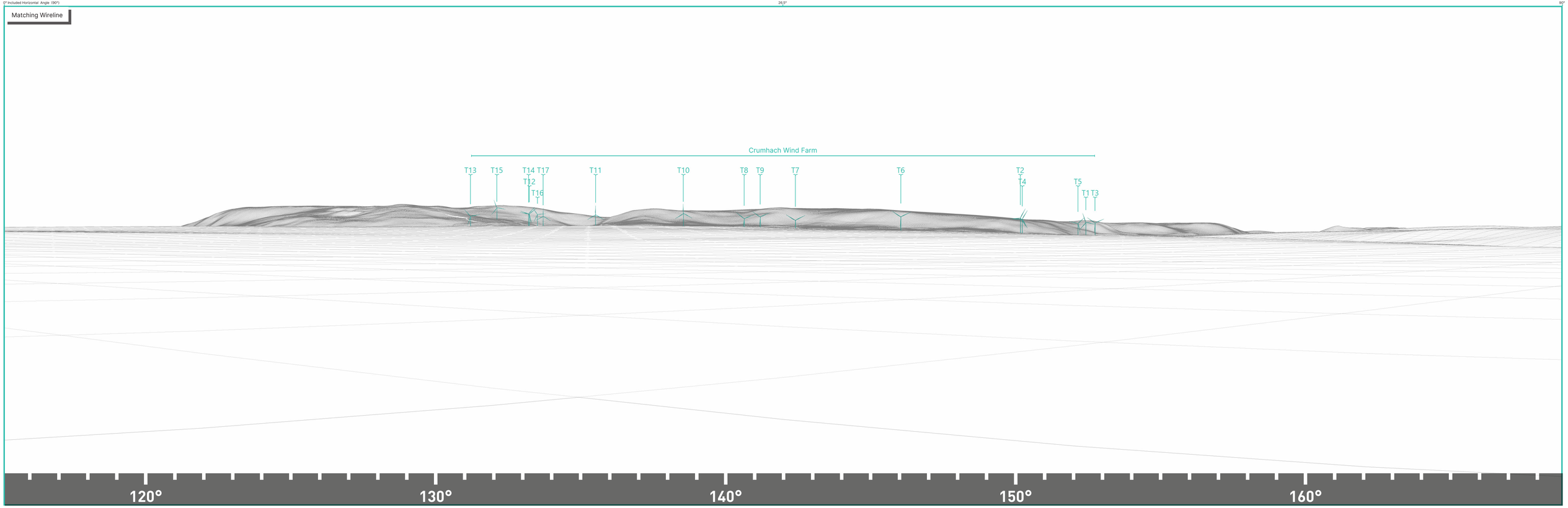
26,5°

90°

Matching Wireline

Crumhach Wind Farm

T13 T15 T14 T17 T12 T16 T11 T10 T8 T9 T7 T6 T2 T4 T5 T1 T3



View Direction (Degrees)

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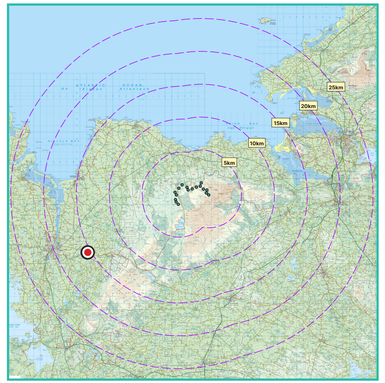
View Point 11

SR-15 at Corimla South

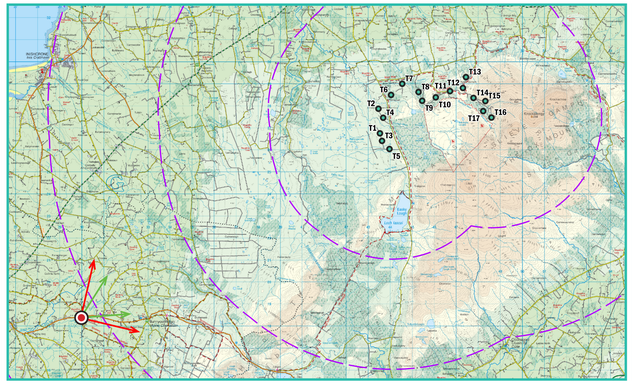
Photomontage 11

View from Co. Mayo Scenic Route SR-15 and the R294 Regional Road in the townland of Corimla South. Located approximately 15.7km southwest of the nearest proposed turbine.

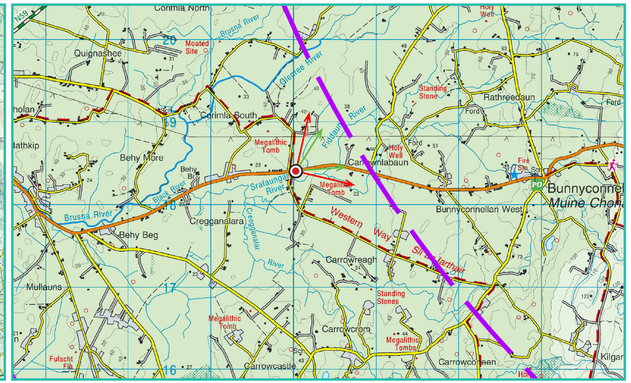
View point grid reference	E 530006 N 818416
Date of image taken	2026-02-13
Time of image taken	15:57
View point elevation	30m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	58°
Turbine Hub Height	105m
Turbine Rotor Diameter	150m
Turbine Tip Height	180m
Montage Type	Type 4 Photomontage / Survey / Scale Verifiable
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Map Licence	© Ordnance Survey Ireland. All rights reserved. Licence number CYAL50267517



View point relative to 25km radius.



View point relative to proposed wind farm site.



Detail of view point location.

Map Legend

- Area shown in 90° view
- Area shown in 53.5° view
- View Point
- Crumhach Wind Farm

Wireline Legend

- Crumhach Wind Farms
- Existing Wind Farms
- Permitted Wind Farms
- Proposed Wind Farms

Prepared by

MKO
Planning & Environmental Consultants
Tuam Road, Galway.

Tel: (091) 73 56 11
E-mail: info@mkoireland.ie
Website: www.mkoireland.ie

90° View Extent



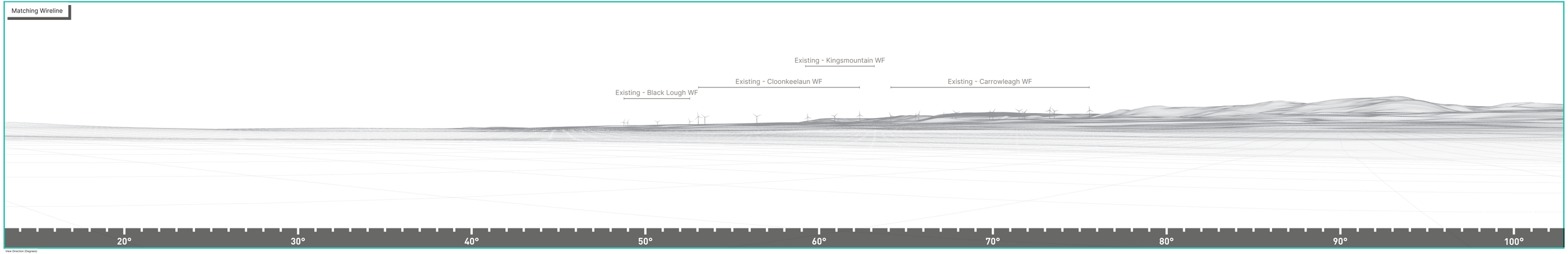
53.5° View Extent

0° Included Horizontal Angle (90°) 45° 90°

Existing View at 90°



Matching Wireline



View Direction (Degrees)

0° Included Horizontal Angle (90°)

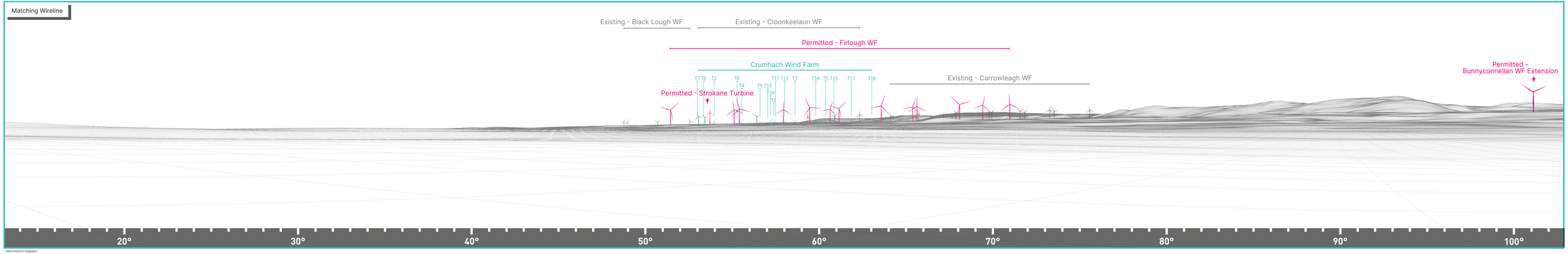
45°

90°

Proposed Photomontage with Cumulative at 90°



Matching Wireline



View Direction (Degrees)

0° Included Horizontal Angle (90°) 26,5° 90°

Proposed Photomontage with Cumulative at 53.5°



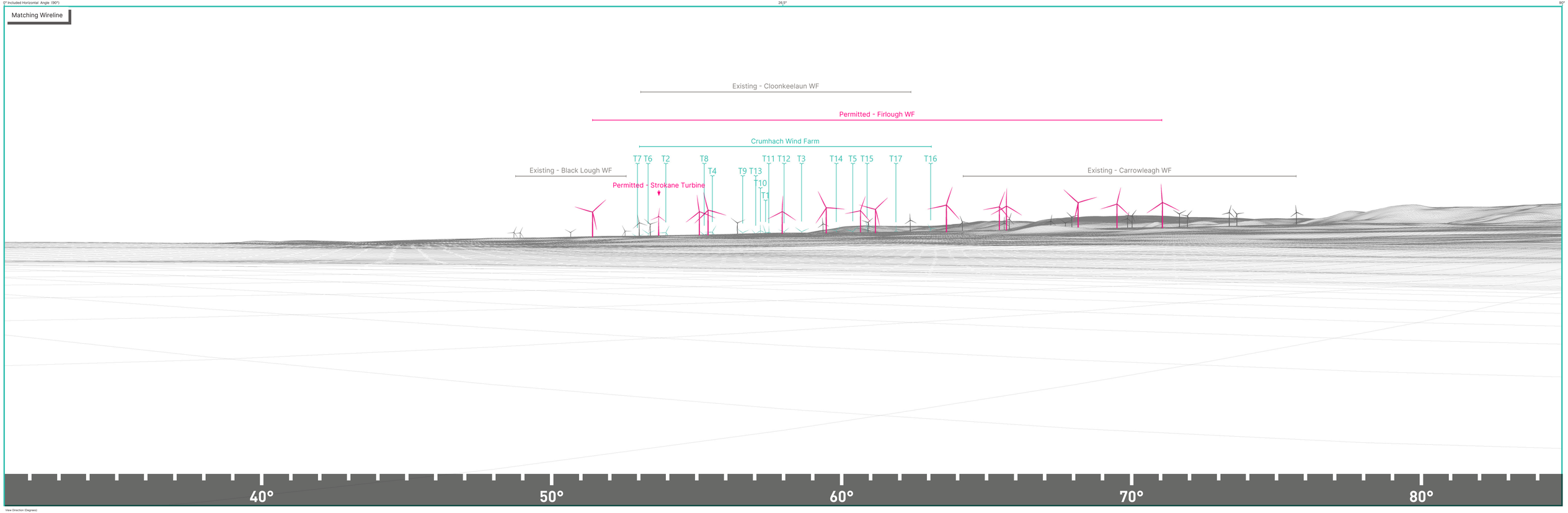
View Direction (Degrees)

0° Included Horizontal Angle (90°)

26,5°

90°

Matching Wireline



View Direction (Degrees)

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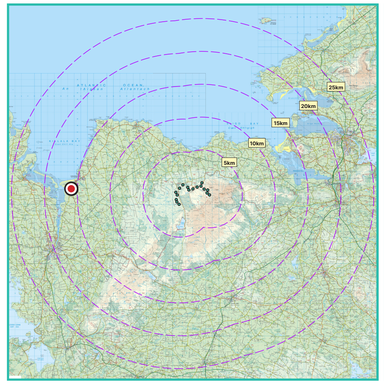
View Point 12

SR-63 at Scurmore

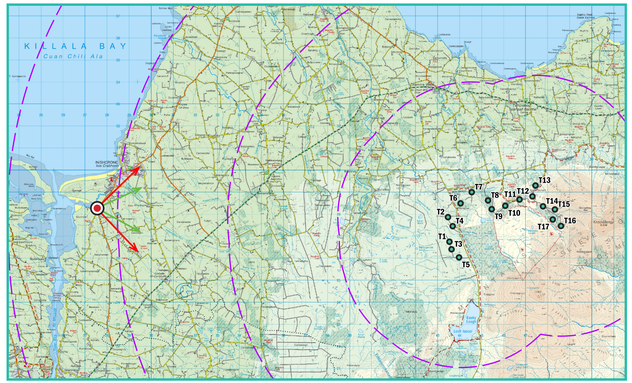
Photomontage 12

View from Co. Sligo Scenic Route SR-63 in the townland of Scurmore. Located approximately 15.9km west of the nearest proposed turbine.

View point grid reference	E 527514 N 828144
Date of image taken	2026-02-13
Time of image taken	14:48
View point elevation	20m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	91°
Turbine Hub Height	105m
Turbine Rotor Diameter	150m
Turbine Tip Height	180m
Montage Type	Type 4 Photomontage / Survey / Scale Verifiable
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Map Licence	© Ordnance Survey Ireland. All rights reserved. Licence number CYAL50267517



View point relative to 25km radius.



View point relative to proposed wind farm site.



Detail of view point location.

Map Legend

Area shown in 90° view

Area shown in 53.5° view

View Point

Crumhach Wind Farm

Wireline Legend

Crumhach Wind Farm

Existing Wind Farms

Permitted Wind Farms

Proposed Wind Farms

Prepared by

MKO
Planning & Environmental Consultants
Tuam Road, Galway.

Tel: (091) 73 56 11
E-mail: info@mkoireland.ie
Website: www.mkoireland.ie

90° View Extent



53.5° View Extent

0° Included Horizontal Angle (90°)

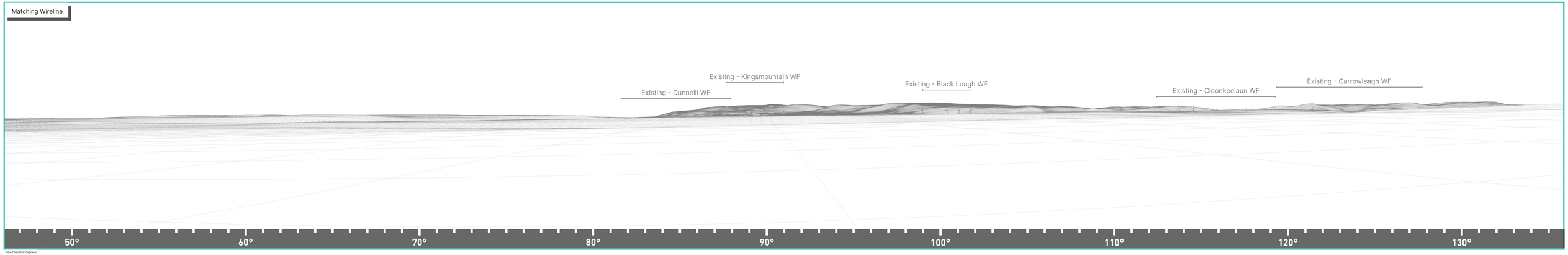
45°

90°

Existing View at 90°



Matching Wireline



View Direction (Degrees)

0° Included Horizontal Angle (90°)

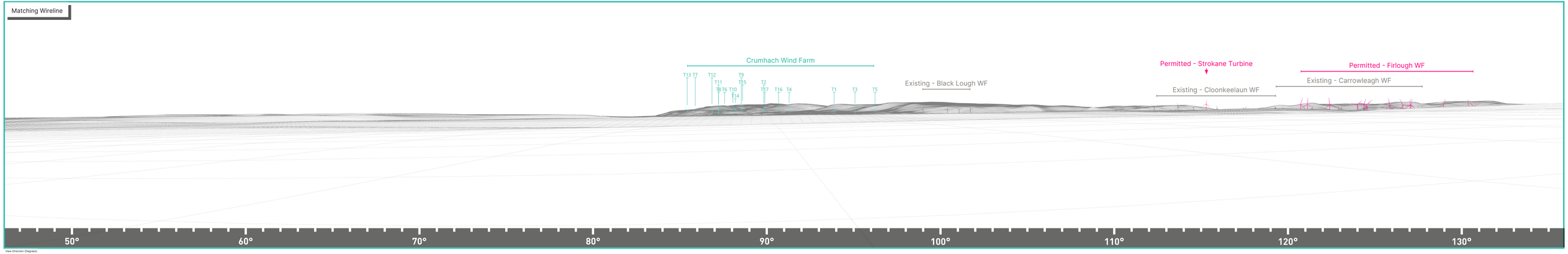
45°

90°

Proposed Photomontage with Cumulative at 90°



Matching Wireline



View Direction (Degrees)

0° Included Horizontal Angle (90°) 26,5° 90°

Proposed Photomontage with Cumulative at 53.5°



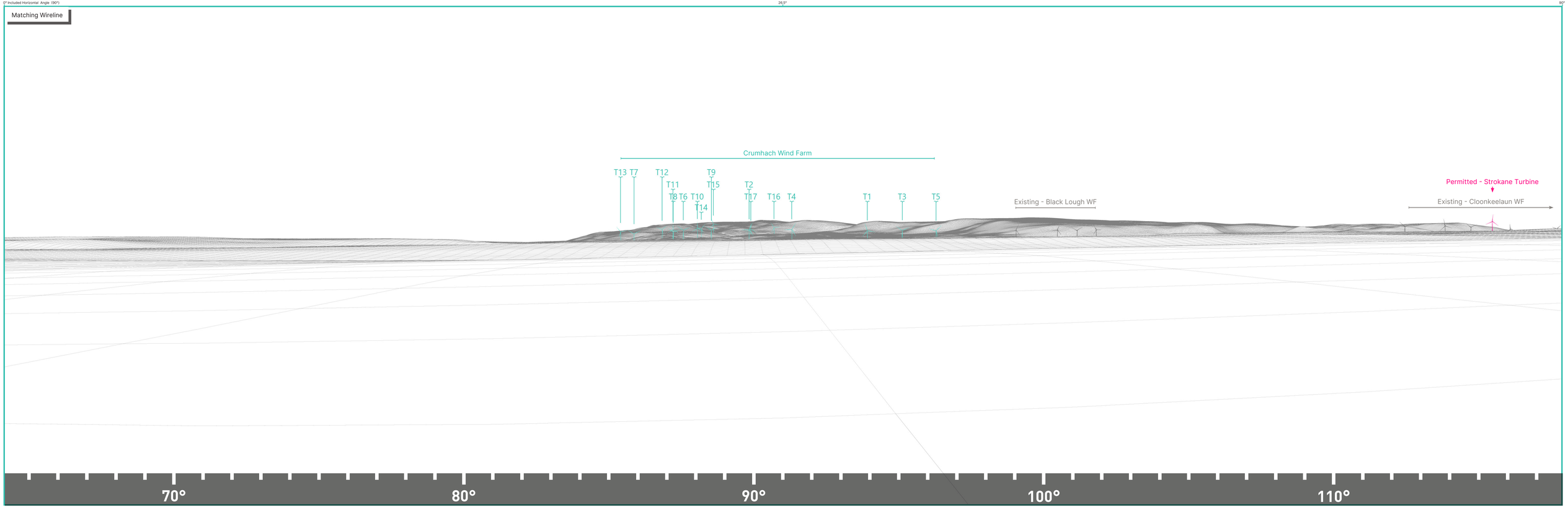
View Direction (Degrees)

0° Included Horizontal Angle (90°)

26,5°

90°

Matching Wireline



View Direction (Degrees)

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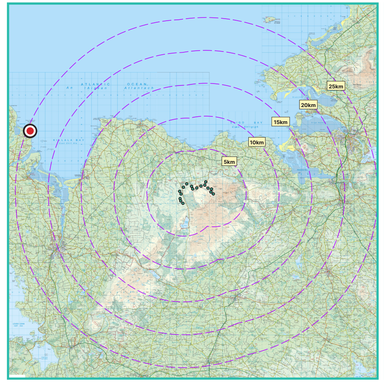
View Point 13

Killala Bay

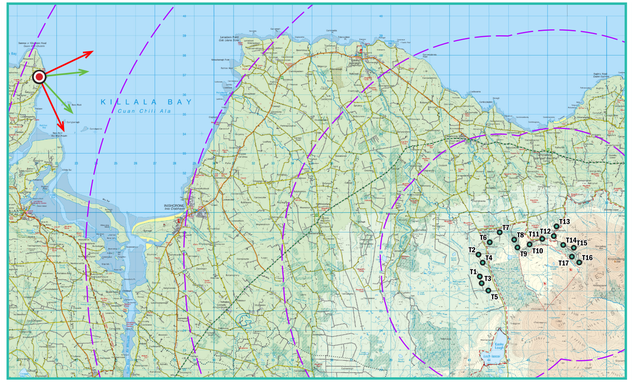
Photomontage 13

View looking across Killala Bay from the trailhead viewing area for Killcummin Loop Walks in the townland of Ballinlena, on the western shore of Killala Bay. Located approximately 23.9km west of the nearest proposed turbine.

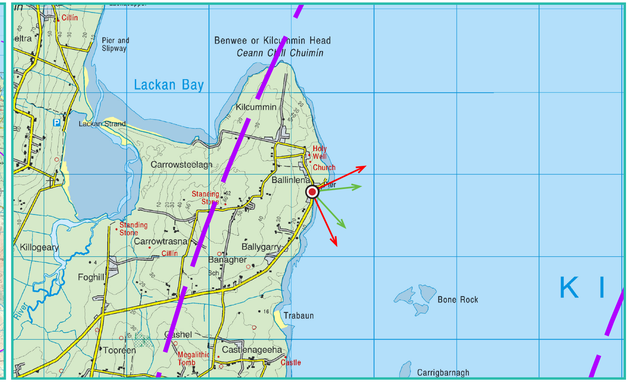
View point grid reference	E 521231 N 836793
Date of image taken	2026-03-03
Time of image taken	18:34
View point elevation	6m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	110°
Turbine Hub Height	105m
Turbine Rotor Diameter	150m
Turbine Tip Height	180m
Montage Type	Type 4 Photomontage / Survey / Scale Verifiable
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Map Licence	© Ordnance Survey Ireland. All rights reserved. Licence number CYAL50267517



View point relative to 25km radius.



View point relative to proposed wind farm site.



Detail of view point location.

Map Legend

Area shown in 90° view

Area shown in 53.5° view

View Point

Crumhach Wind Farm

Wireline Legend

Crumhach Wind Farm

Existing Wind Farms

Permitted Wind Farms

Proposed Wind Farms

Prepared by

MKO
Planning & Environmental Consultants
Tuam Road, Galway.

Tel: (091) 73 56 11
E-mail: info@mkoireland.ie
Website: www.mkoireland.ie

90° View Extent



53.5° View Extent

0° Included Horizontal Angle (90°)

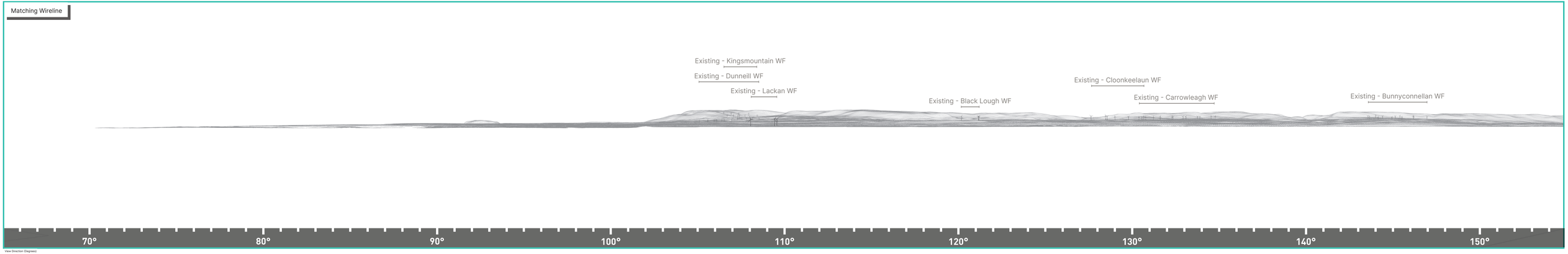
45°

90°

Existing View at 90°



Matching Wireline



View Direction (Degrees)

0° Included Horizontal Angle (90°)

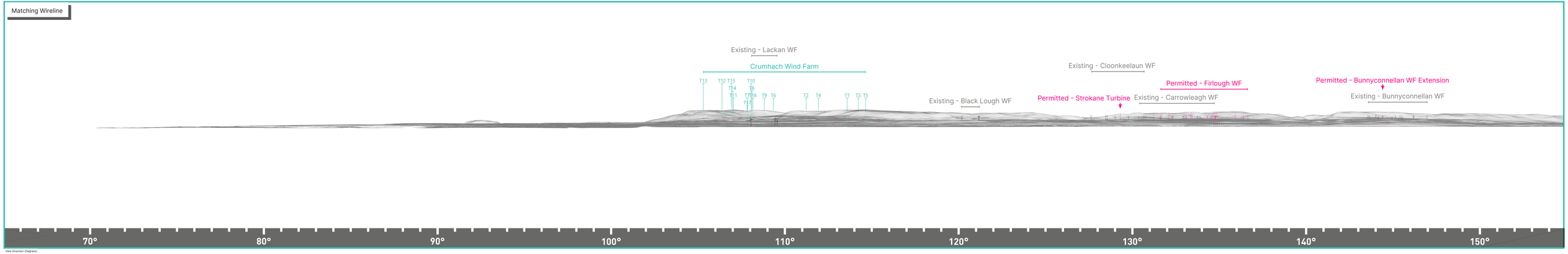
45°

90°

Proposed Photomontage with Cumulative at 90°



Matching Wireline



View Direction (Degrees)

0° Included Horizontal Angle (90°) 26,5° 90°

Proposed Photomontage with Cumulative at 53.5°



View Direction (Degrees)

0° Included Horizontal Angle (90°)

26,5°

90°

Matching Wireline

Existing - Lackan WF

Crumhach Wind Farm

T13 T12 T15 T10

T14 T8

T11 T7 T16 T9 T6 T2 T4 T1 T3 T5

T17

Existing - Black Lough WF

Existing - Cloonkeelaun WF

Permitted - Firlough WF

Existing - Carrowleagh WF

Permitted - Strokane Turbine

90° 100° 110° 120° 130°

View Direction (Degrees)

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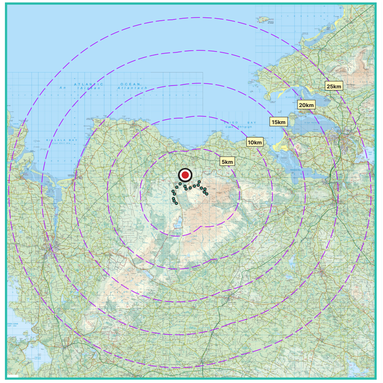
View Point 14

Doonbeakin

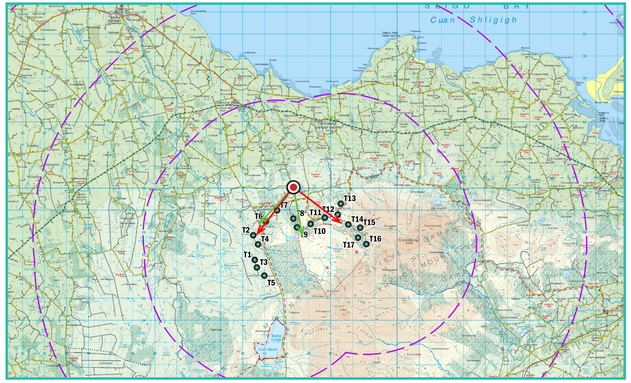
Photomontage 14

View from the L6308 Local Road in the townland of Doonbeakin. Located approximately 1.3km north from the nearest proposed turbine.

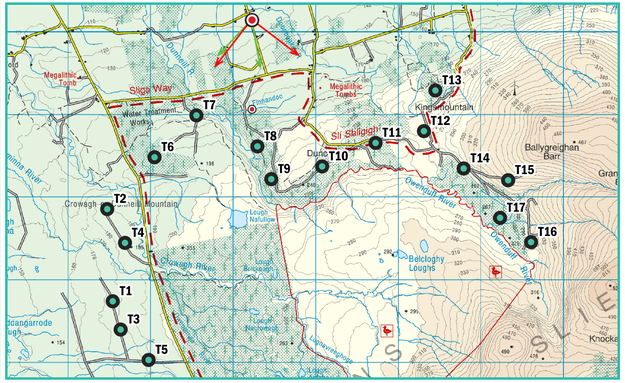
View point grid reference	E 545172 N 830138
Date of image taken	2026-03-03
Time of image taken	17:16
View point elevation	116m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	173.5° / 195.5°
Turbine Hub Height	105m
Turbine Rotor Diameter	150m
Turbine Tip Height	180m
Montage Type	Type 4 Photomontage / Survey / Scale Verifiable
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Map Licence	© Ordnance Survey Ireland. All rights reserved. Licence number CYAL50267517



View point relative to 25km radius.



View point relative to proposed wind farm site.



Detail of view point location.

Map Legend

Area shown in 90° view

Area shown in 53.5° view

View Point

Crumhach Wind Farm

Wireline Legend

Crumhach Wind Farm

Existing Wind Farms

Permitted Wind Farms

Proposed Wind Farms

Prepared by

MKO
Planning & Environmental Consultants
Tuam Road, Galway.

Tel: (091) 73 56 11
E-mail: info@mkoireland.ie
Website: www.mkoireland.ie

90° View Extent



53.5° View Extent

0° Included Horizontal Angle (90°)

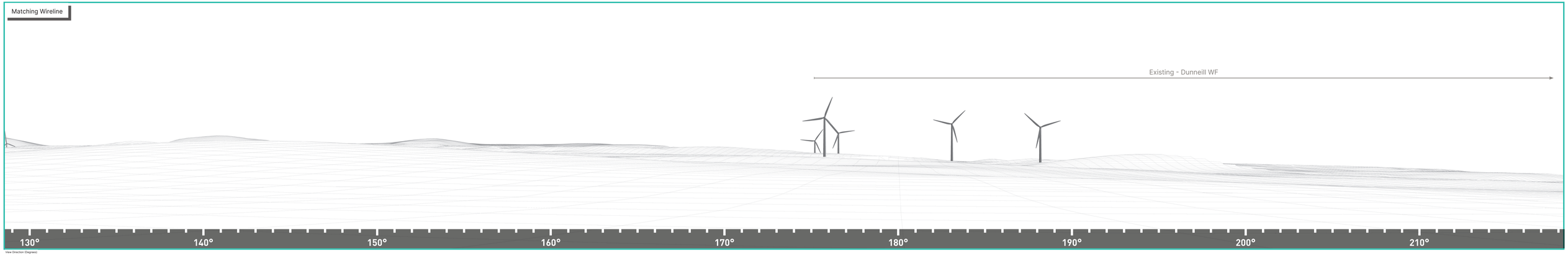
45°

90°

Existing View at 90°



Matching Wireline



View Direction (Degrees)

0° Included Horizontal Angle (90°)

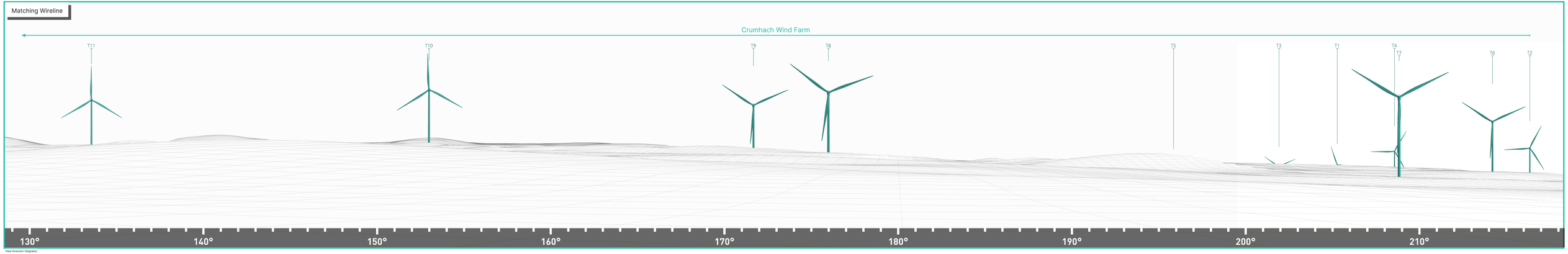
45°

90°

Proposed Photomontage with Cumulative at 90°



Matching Wireline



View Direction (Degrees)

0° Included Horizontal Angle (90°) 26,5° 90°

Proposed Photomontage with Cumulative at 53.5°

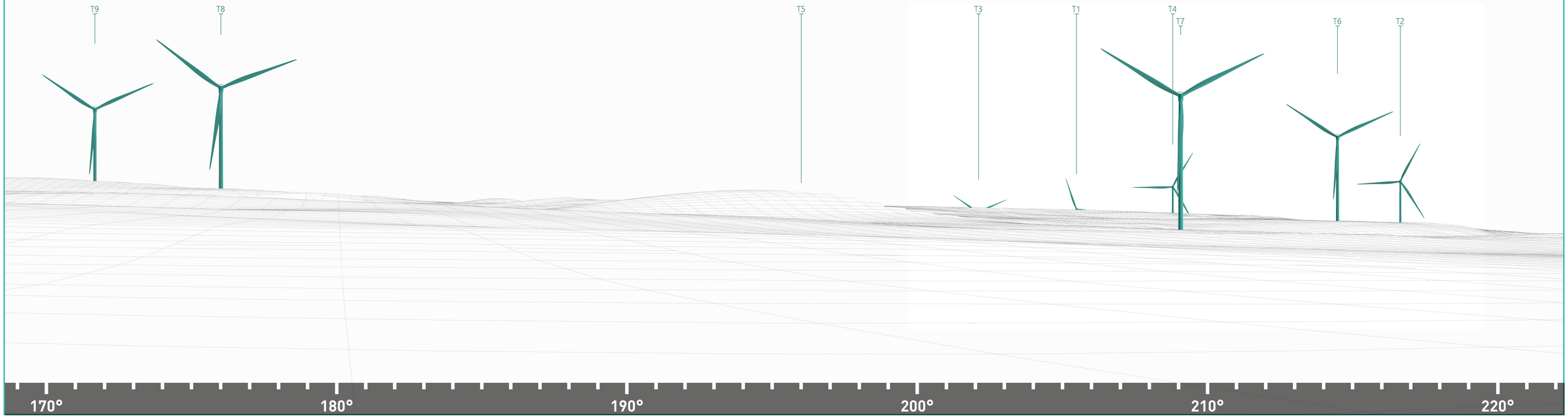


View Direction (Degrees)

0° Included Horizontal Angle (90°) 26,5° 90°

Matching Wireline

Crumhach Wind Farm



View Direction (Degrees)

SCENARIO 2

Tip Height - 179.5m
Hub Height - 105m
Rotor Diameter - 149m

WIRELINE LEGEND

Crumhach Wind Farm
Scenario 2

0° Included Horizontal Angle (90°)

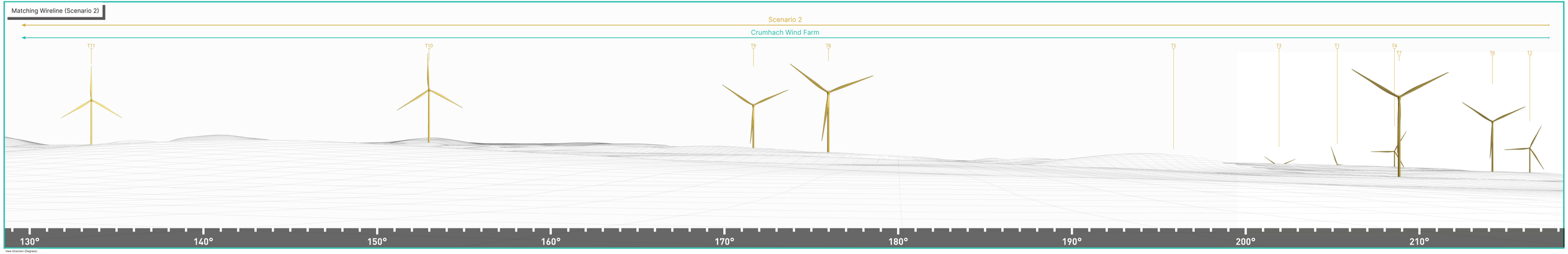
45°

90°

Proposed Photomontage with Cumulative at 90° (Scenario 2)



Matching Wireline (Scenario 2)



View Direction (Degrees)

0° Included Horizontal Angle (90°) 26,5° 90°

Proposed Photomontage with Cumulative at 53.5° (Scenario 2)



View Direction (Degrees)

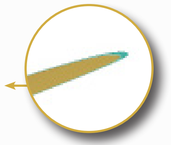
0° Included Horizontal Angle (90°) 26,5° 90°

Matching Wireline (Scenario 2)

Scenario 2

Crumhach Wind Farm

T9 T8 T5 T3 T1 T4 T7 T6 T2



Close up of T8 Blade Tip difference for Scenario 2

170° 180° 190° 200° 210° 220°

View Direction (Degrees)

SCENARIO 3

Tip Height - 176.6m
Hub Height - 110m
Rotor Diameter - 133.2m

WIRELINE LEGEND

Crumhach Wind Farm
Scenario 3

0° Included Horizontal Angle (90°)

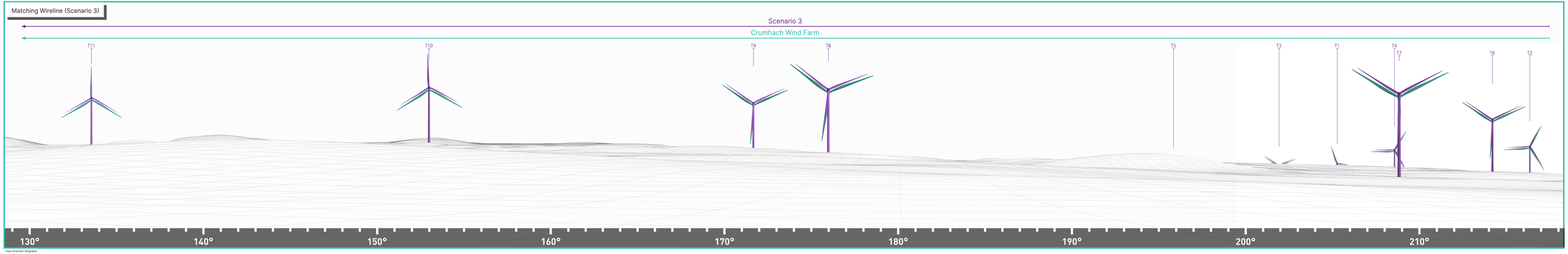
45°

90°

Proposed Photomontage with Cumulative at 90° (Scenario 3)



Matching Wireline (Scenario 3)



View Direction (Degrees)

0° Included Horizontal Angle (90°) 26,5° 90°

Proposed Photomontage with Cumulative at 53.5° (Scenario 3)



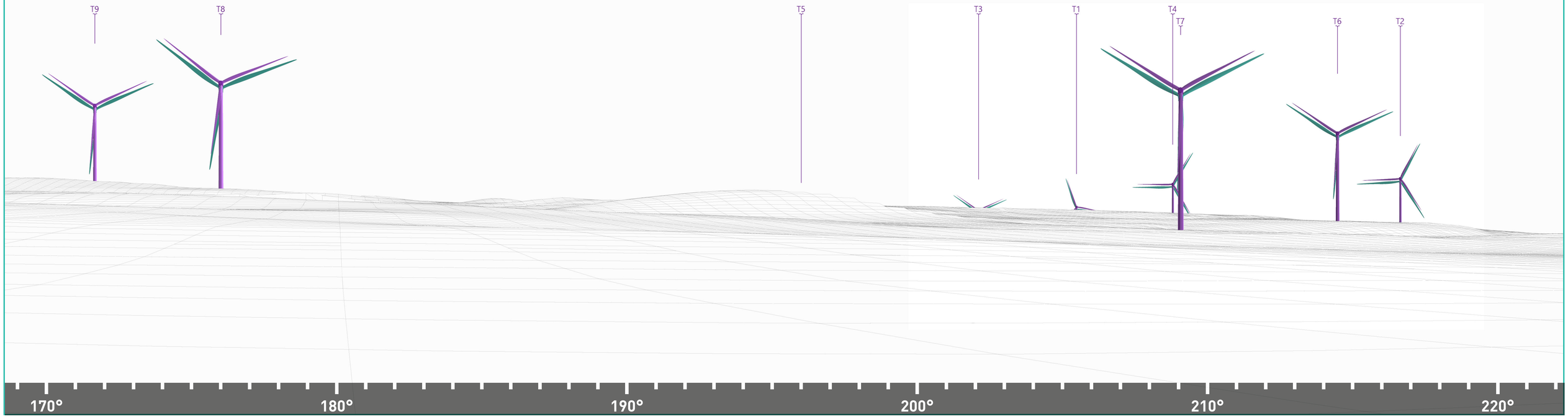
View Direction (Degrees)

0° Included Horizontal Angle (90°) 26,5° 90°

Matching Wireline (Scenario 3)

Scenario 3

Crumhach Wind Farm



View Direction (Degrees)

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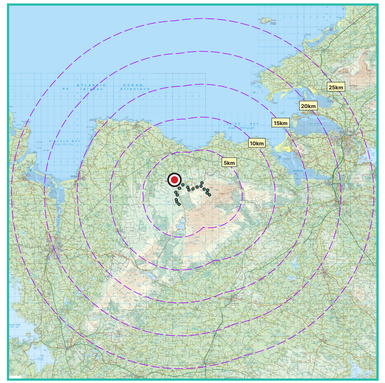
View Point 15

SR-58 at Crumhach

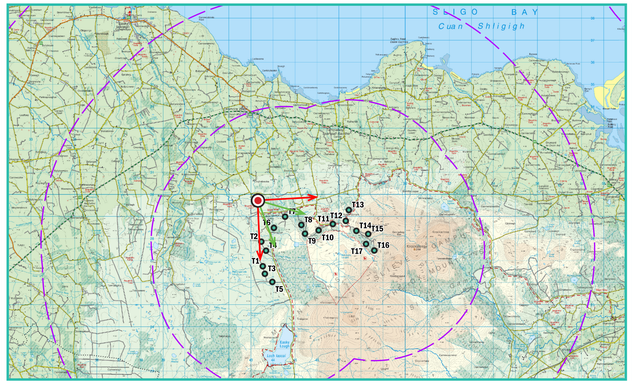
Photomontage 15

View from Co. Sligo Scenic Route SR-58 and the L2702 Local Road in the townland of Crumhach. Located approximately 1.2km northwest of the nearest proposed turbine.

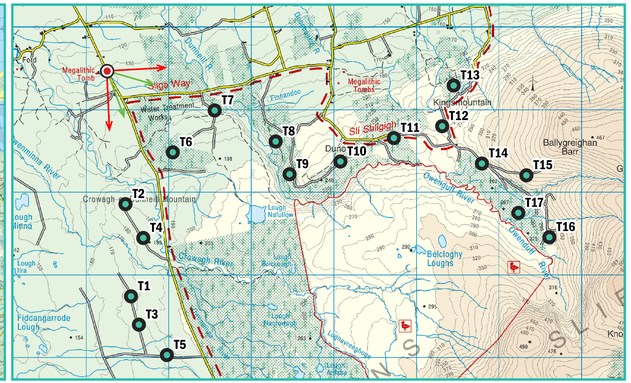
View point grid reference	E 543218 N 829464
Date of image taken	2026-03-03
Time of image taken	16:35
View point elevation	128m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	132°
Turbine Hub Height	105m
Turbine Rotor Diameter	150m
Turbine Tip Height	180m
Montage Type	Type 4 Photomontage / Survey / Scale Verifiable
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Map Licence	© Ordnance Survey Ireland. All rights reserved. Licence number CYAL50267517



View point relative to 25km radius.



View point relative to proposed wind farm site.



Detail of view point location.

Map Legend

Area shown in 90° view

Area shown in 53.5° view

View Point

Crumhach Wind Farm

Wireline Legend

Crumhach Wind Farm

Existing Wind Farms

Permitted Wind Farms

Proposed Wind Farms

Prepared by

MKO
Planning & Environmental Consultants
Tuam Road, Galway.

Tel: (091) 73 56 11
E-mail: info@mkoireland.ie
Website: www.mkoireland.ie

90° View Extent



53.5° View Extent

0° Included Horizontal Angle (90°)

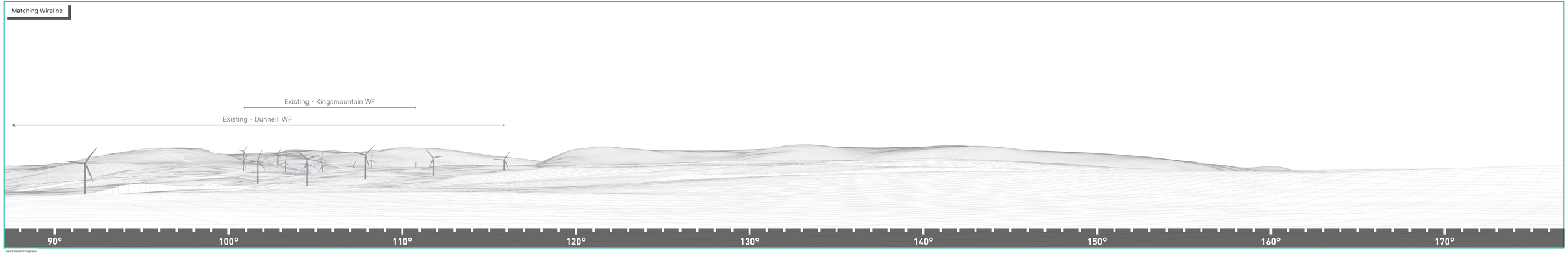
45°

90°

Existing View at 90°



Matching Wireline



View Direction (Degrees)

0° Included Horizontal Angle (90°)

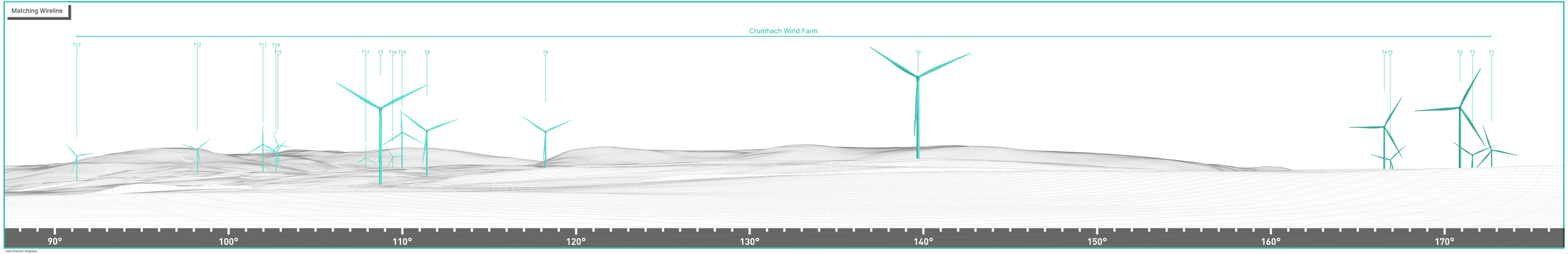
45°

90°

Proposed Photomontage with Cumulative at 90°



Matching Wireline



View Direction (Degrees)

0° Included Horizontal Angle (90°)

26,5°

90°

Proposed Photomontage with Cumulative at 53.5°



View Direction (Degrees)

0° Included Horizontal Angle (90°)

26,5°

90°

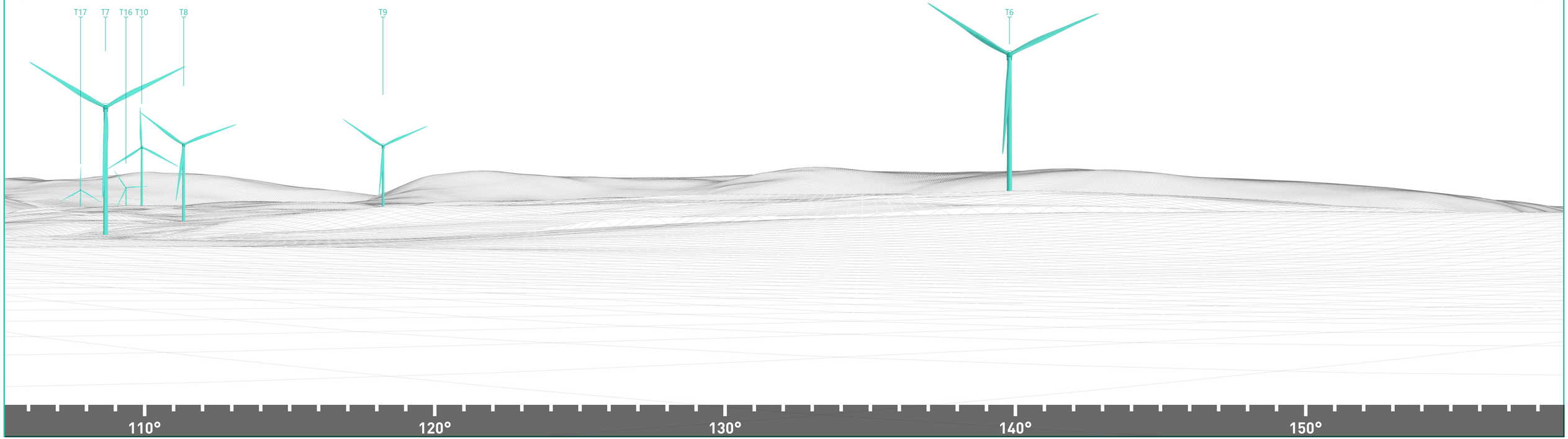
Matching Wireline

Crumhach Wind Farm

T17 T7 T16 T10 T8

T9

T6



View Direction (Degrees)

SCENARIO 2

Tip Height - 179.5m
Hub Height - 105m
Rotor Diameter - 149m

WIRELINE LEGEND

Crumhach Wind Farm
Scenario 2

0° Included Horizontal Angle (90°)

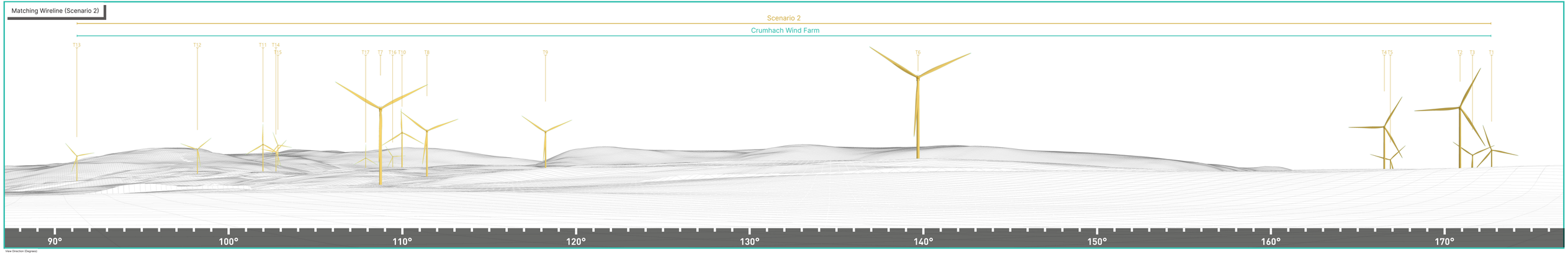
45°

90°

Proposed Photomontage with Cumulative at 90° (Scenario 2)



Matching Wireline (Scenario 2)



View Direction (Degrees)

0° Included Horizontal Angle (90°) 26,5° 90°

Proposed Photomontage with Cumulative at 53.5° (Scenario 2)



View Direction (Degrees)

0° Included Horizontal Angle (90°)

26,5°

90°

Matching Wireline (Scenario 2)

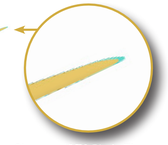
Scenario 2

Crumhach Wind Farm

T17 T7 T16 T10 T8

T9

T6



Close up of T6 Blade Tip
difference for Scenario 2

110° 120° 130° 140° 150°

View Direction (Degrees)

SCENARIO 3

Tip Height - 176.6m
Hub Height - 110m
Rotor Diameter - 133.2m

WIRELINE LEGEND

Crumhach Wind Farm
Scenario 3

0° Included Horizontal Angle (90°)

45°

90°

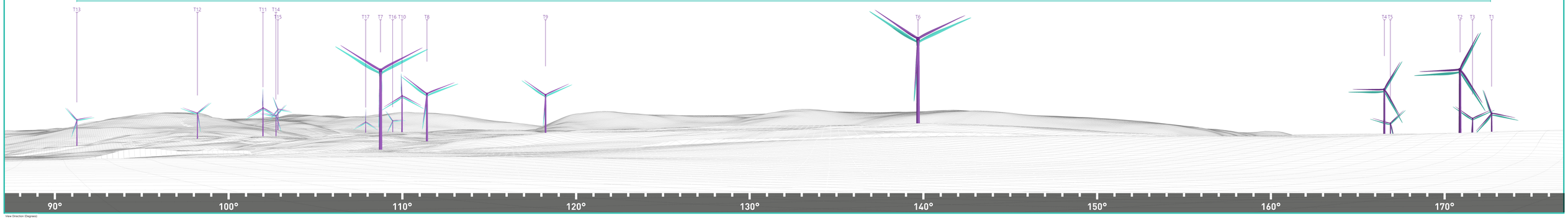
Proposed Photomontage with Cumulative at 90°



Matching Wireline

Scenario 3

Crumhach Wind Farm



View Direction (Degrees)

0° Included Horizontal Angle (90°)

26,5°

90°

Proposed Photomontage with Cumulative at 53.5°



View Direction (Degrees)

0° Included Horizontal Angle (90°) 26,5° 90°

Matching Wireline

Scenario 3

Crumhach Wind Farm

T17 T7 T16 T10 T8 T9 T6

110° 120° 130° 140° 150°

View Direction (Degrees)

