Meenbog Wind Farm,
Co. Donegal

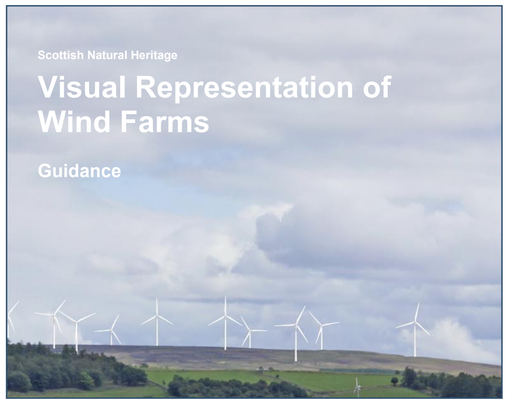
EIAR Volume 2
Photomontage Booklet

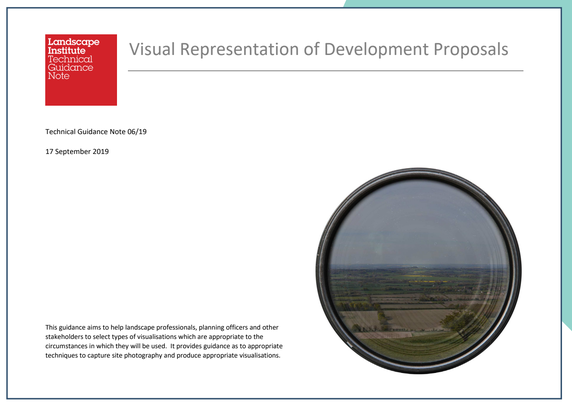
METHODOLOGY

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

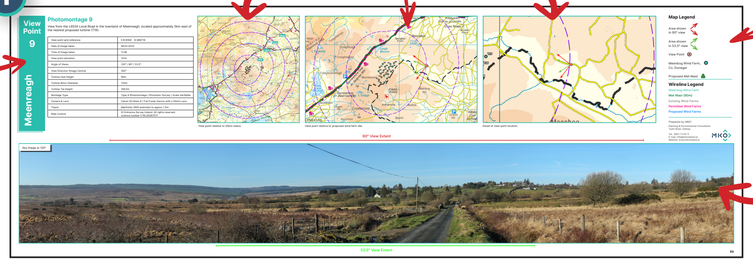
1

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°



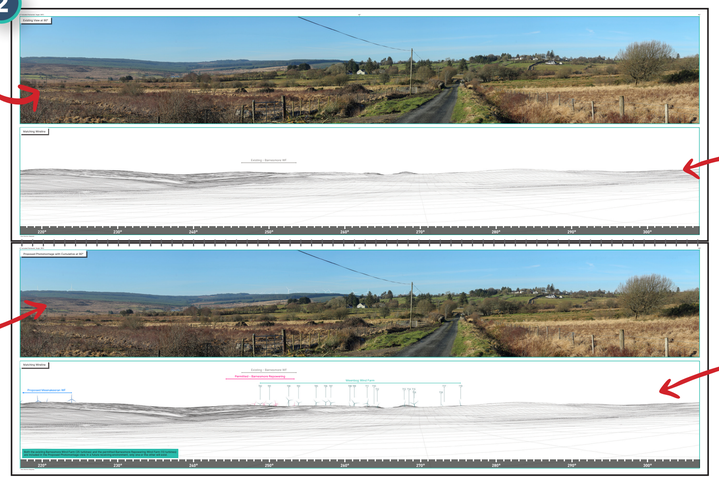
2

This image shows the "Existing View at 90°"

This 90° "matching wireline" will show Existing Wind Farms within 20km

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

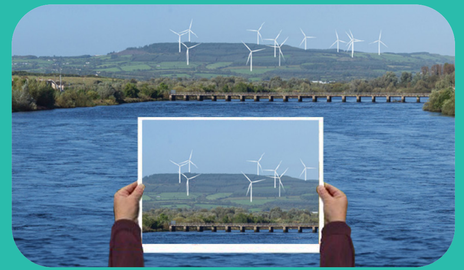
This 90° "Matching Wireline" shows the Proposed Wind Farm with other (cumulative) wind farms in the area, i.e existing, permitted, other proposed wind farms etc...



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).

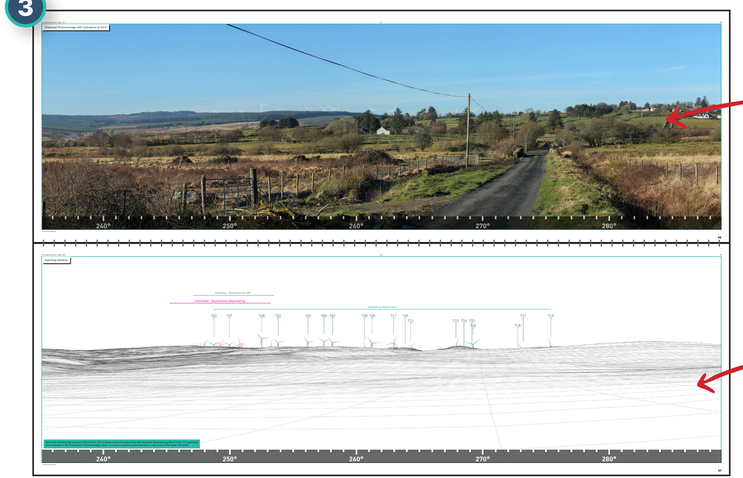
This will vary depending on the length of the viewer's arms and their eyesight. They should also be viewed flat as they are in planar projection.



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.

Meenbog Wind Farm

Cumulative

Existing Wind Farms

Permitted Wind Farms

Proposed Wind Farms

Proposed Met Mast

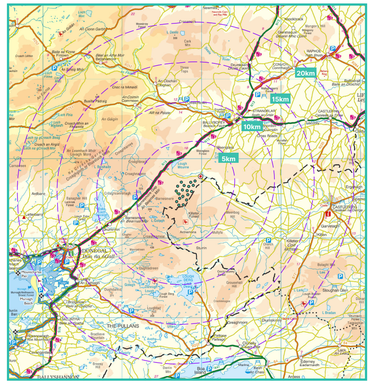
This page intentionally left blank

View Point 1 Meenbog

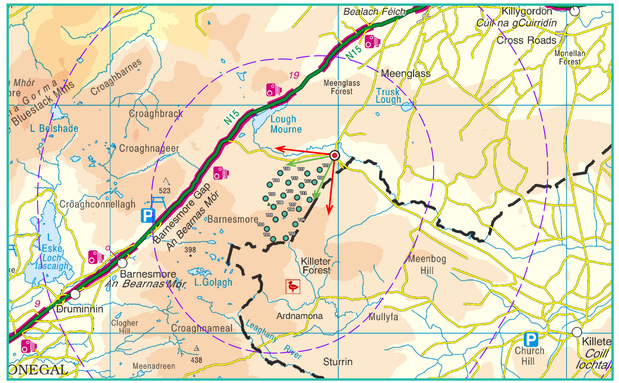
Photomontage 1

View from the L6554 Local Road in the townland of Meenbog, located approximately 910m northeast of the nearest proposed turbine (T19).

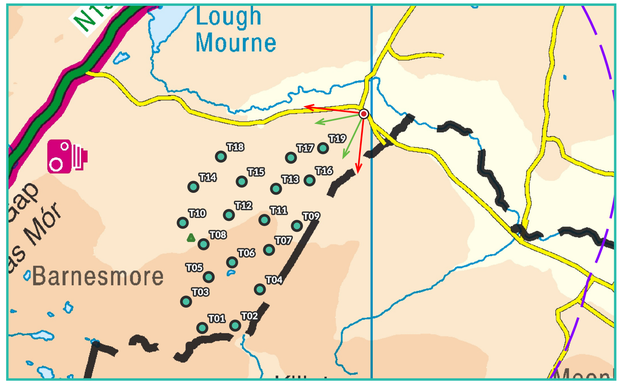
View point grid reference	E 609819 N 887793
Date of image taken	06.02.2025
Time of image taken	11:01
View point elevation	146m
Angle of Views	120° / 90° / 53.5°
View Direction (Image Centre)	231°
Turbine Hub Height	90m
Turbine Rotor Diameter	133m
Turbine Tip Height	156.5m
Montage Type	Type 4 Photomontage / 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 20km 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

Proposed Turbine Locations

Proposed Met Mast

Wireline Legend

Meenbog Wind Farm

Met Mast (80m)

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°)

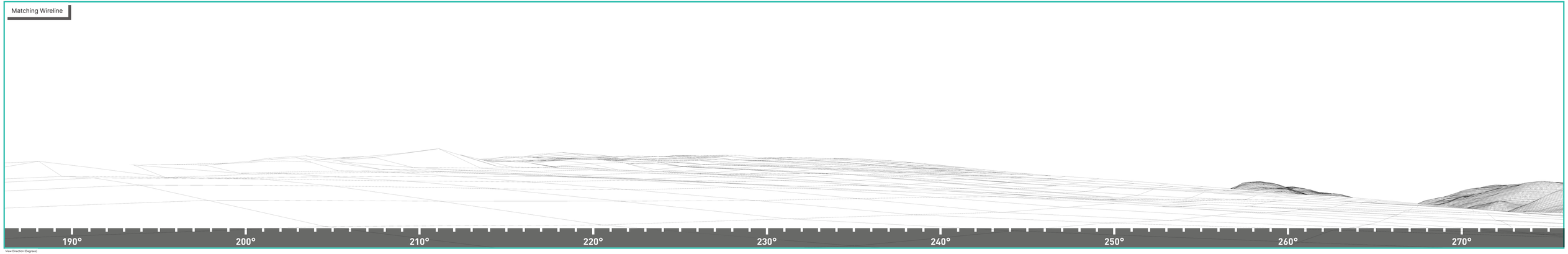
45°

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

Meenbog Wind Farm

T04 T09 T02 T07 T01 T16 T06 T05 T31 T03 T19 T08 T12 T23 T17 T10 T35 T14 T18

190° 200° 210° 220° 230° 240° 250° 260° 270°

View Direction (Degrees)

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

Proposed Photomontage with Cumulative at 53.5°



View Direction (Degrees)

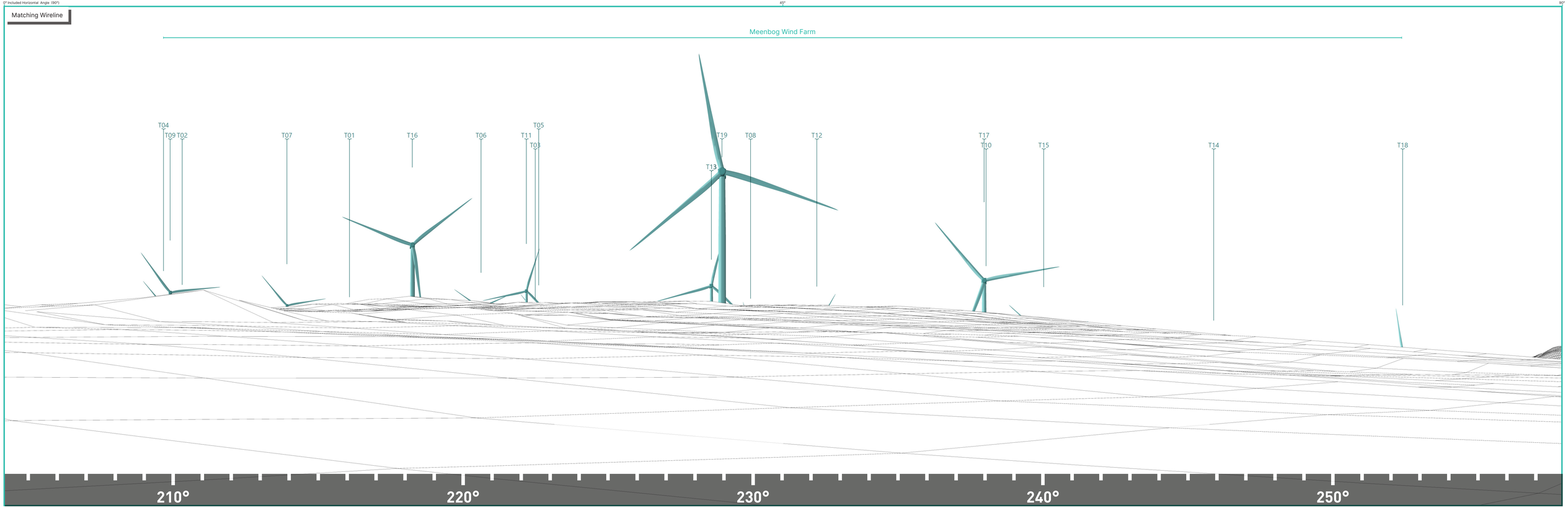
0° Included Horizontal Angle (90°)

45°

90°

Matching Wireline

Meenbog Wind Farm



View Direction (Degrees)

This page intentionally left blank

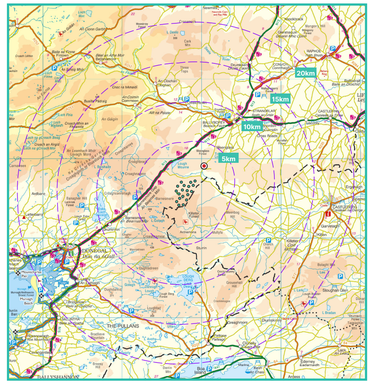
View Point 2

Taughboy

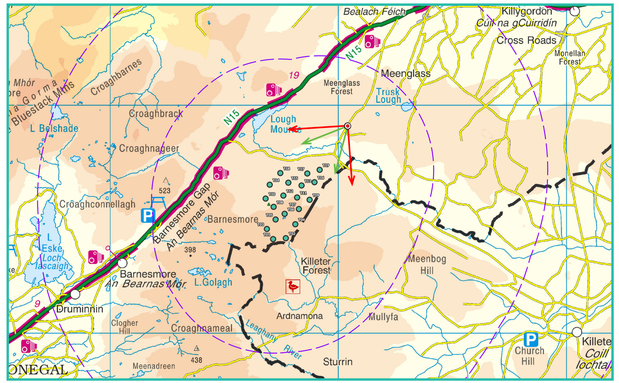
Photomontage 2

View from the L3014 Local Road in the townland of Taughboy, approximately 2.2km northeast of the nearest proposed turbine (T19). This viewpoint is located on the North-West Cycle Trail.

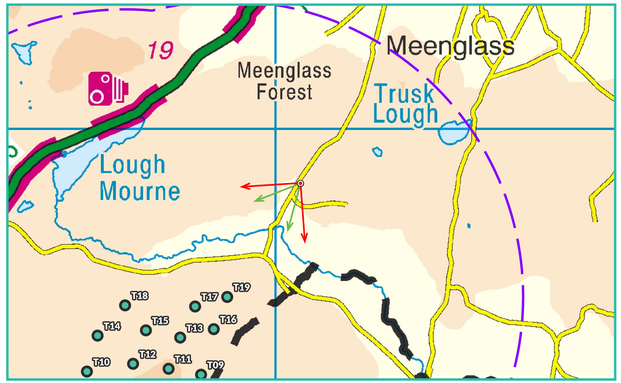
View point grid reference	E 610361 N 889126
Date of image taken	06.02.2025
Time of image taken	10:43
View point elevation	152m
Angle of Views	120° / 90° / 53.5°
View Direction (Image Centre)	221°
Turbine Hub Height	90m
Turbine Rotor Diameter	133m
Turbine Tip Height	156.5m
Montage Type	Type 4 Photomontage / 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 20km 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

Proposed Turbine Locations

Proposed Met Mast

Wireline Legend

Meenbog Wind Farm

Met Mast (80m)

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°)

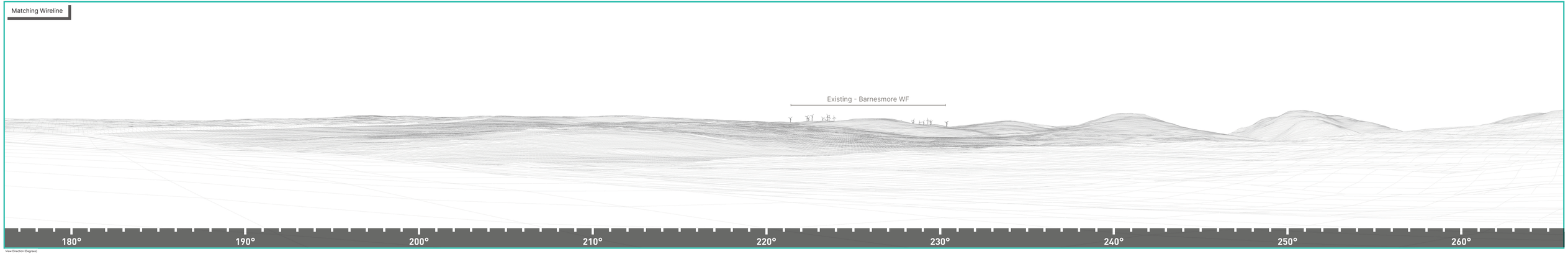
45°

90°

Existing View at 90°



Matching Wireline



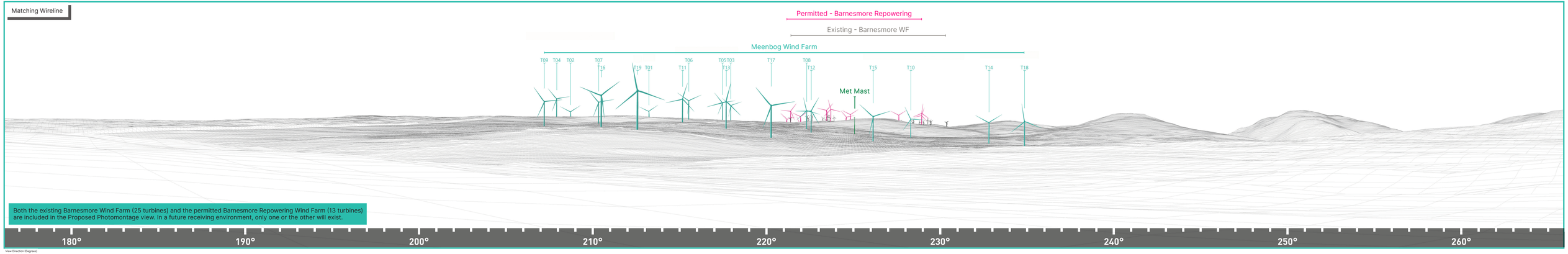
View Direction (Degrees)

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

Proposed Photomontage with Cumulative at 90°



Matching Wireline



Both the existing Barnesmore Wind Farm (25 turbines) and the permitted Barnesmore Repowering Wind Farm (13 turbines) are included in the Proposed Photomontage view. In a future receiving environment, only one or the other will exist.

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

Proposed Photomontage with Cumulative at 53.5°



View Direction (Degrees)

0° Included Horizontal Angle (90°)

45°

90°

Matching Wireline

Permitted - Barnesmore Repowering

Existing - Barnesmore WF

Meenbog Wind Farm

T09 T04 T02 T07 T16 T19 T01 T06 T11 T05 T03 T13 T17 T08 T12 T15 T10 T14 T18

Met Mast

Both the existing Barnesmore Wind Farm (25 turbines) and the permitted Barnesmore Repowering Wind Farm (13 turbines) are included in the Proposed Photomontage view. In a future receiving environment, only one or the other will exist.

200° 210° 220° 230° 240°

View Direction (Degrees)

This page intentionally left blank

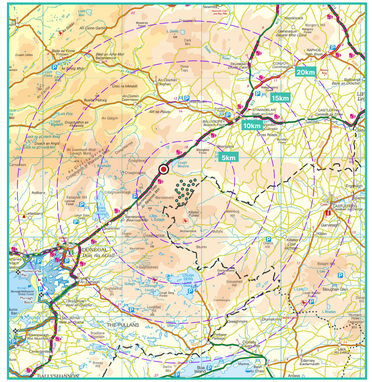
View Point 3

Croghanagh North

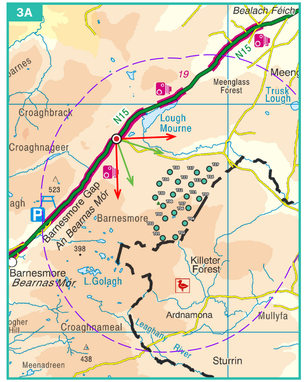
Photomontage 3A & 3B

View from the N15 National Road in the townland of Croghanagh, located approximately 2.6km northwest of the nearest proposed turbine (T14).

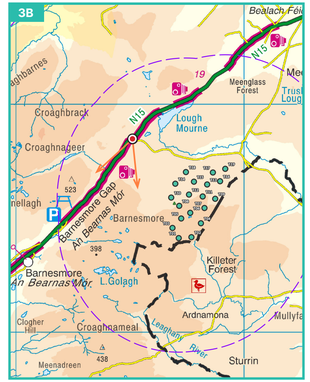
View point grid reference	E 605136 N 888519
Date of image taken	06.02.2025
Time of image taken	15:07
View point elevation	178m
Angle of Views	120° / 90° / 53.5°
View Direction (Image Centre)	A - 133° / B - 220°
Turbine Hub Height	90m
Turbine Rotor Diameter	133m
Turbine Tip Height	156.5m
Montage Type	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



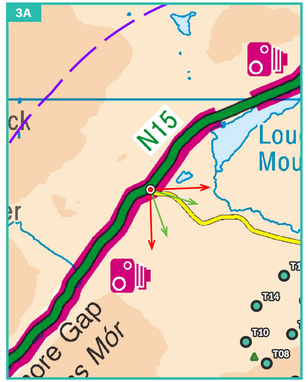
View point relative to 20km radius.



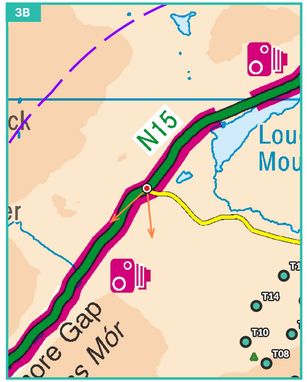
3A View point relative to proposed wind farm site.



3B View point relative to proposed wind farm site.



3A Detail of view point location.



3B Detail of view point location.

Map Legend A B

Area shown in 90° view

Area shown in 53.5° view

View Point

Proposed Turbine Locations

Proposed Met Mast

Wireline Legend

Meenbog Wind Farm

Met Mast (80m)

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°)

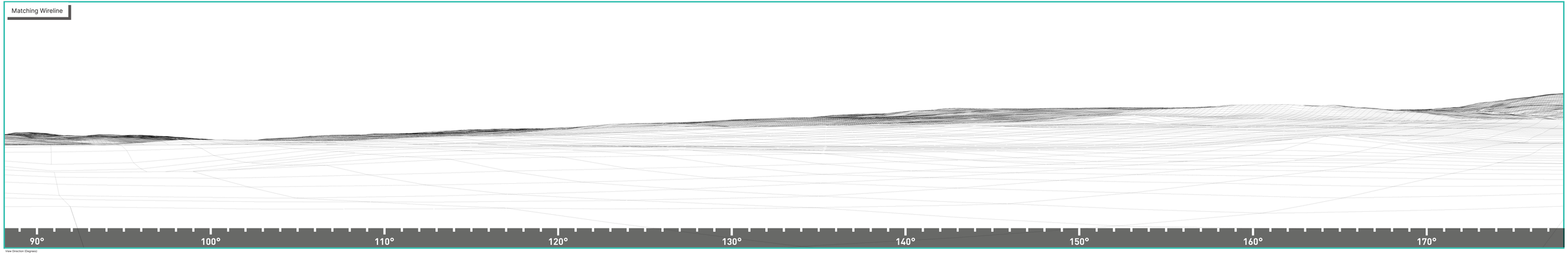
45°

90°

3A - Existing View at 90°



Matching Wireline



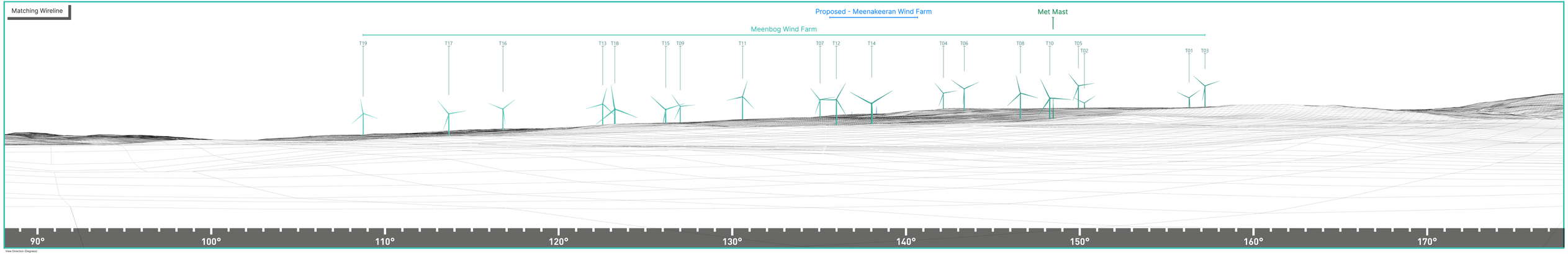
View Direction (Degrees)

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

3A - Proposed Photomontage with Cumulative at 90°



Matching Wireline



View Direction (Degrees)

0° Included Horizontal Angle (90°)

45°

90°

3A - Proposed Photomontage with Cumulative at 53.5°



View Direction (Degrees)

0° Included Horizontal Angle (90°)

45°

90°

Matching Wireline

Meenbog Wind Farm

Proposed - Meenakeeran Wind Farm

T19 T17 T16 T13 T18 T15 T09 T11 T07 T12 T14 T04 T06 T08 T10 T05 T02 T01 T03

Met Mast

110° 120° 130° 140° 150° 16

View Direction (Degrees)

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

3B - 53.5 FoV - **View south-west** towards Barnesmore Gap - proposed turbines **not visible**



View Direction (Degrees)

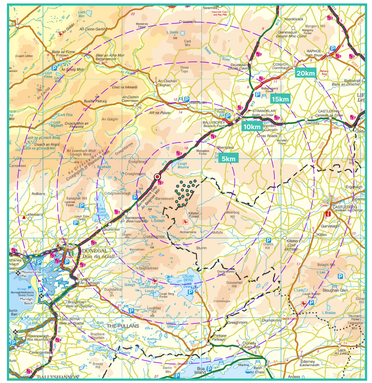
View Point 4

Croghanagh South

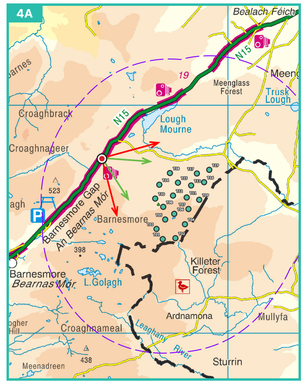
Photomontage 4A & 4B

View from the N15 National Road in the townland of Croghanagh, located approximately 2.7km northwest of the nearest proposed turbine (T14).

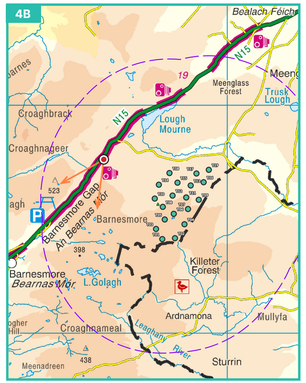
View point grid reference	E 604449 N 887695
Date of image taken	06.02.2025
Time of image taken	14:54
View point elevation	153m
Angle of Views	120° / 90° / 53.5°
View Direction (Image Centre)	A - 120° / B - 215°
Turbine Hub Height	90m
Turbine Rotor Diameter	133m
Turbine Tip Height	156.5m
Montage Type	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



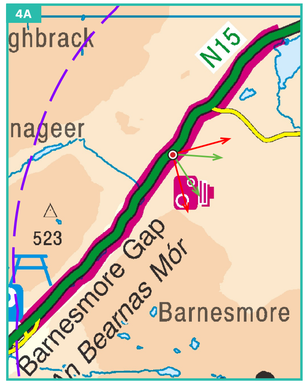
View point relative to 20km radius.



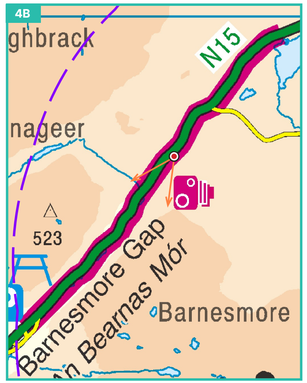
4A View point relative to proposed wind farm site.



4B View point relative to proposed wind farm site.



4A Detail of view point location.



4B Detail of view point location.

Map Legend

A B

Area shown in 90° view

Area shown in 53.5° view

View Point

Proposed Turbine Locations

Proposed Met Mast

Wireline Legend

Meenbog Wind Farm

Met Mast (80m)

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°)

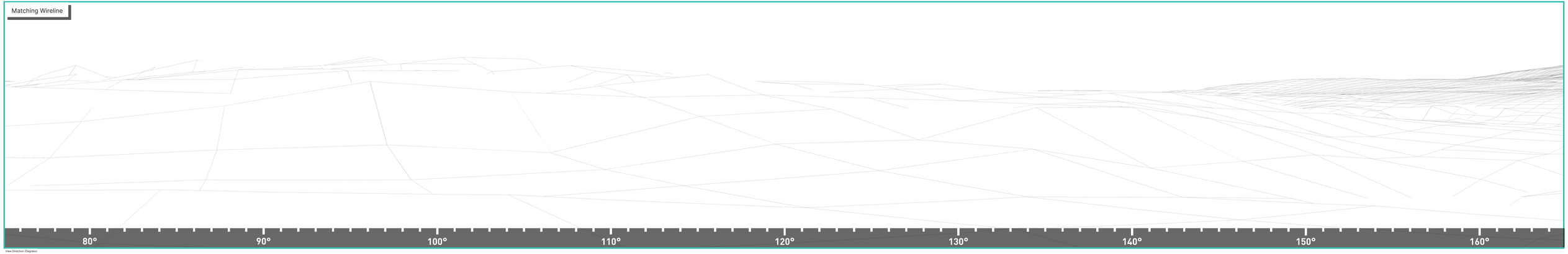
45°

90°

4A - Existing View at 90°



Matching Wireline



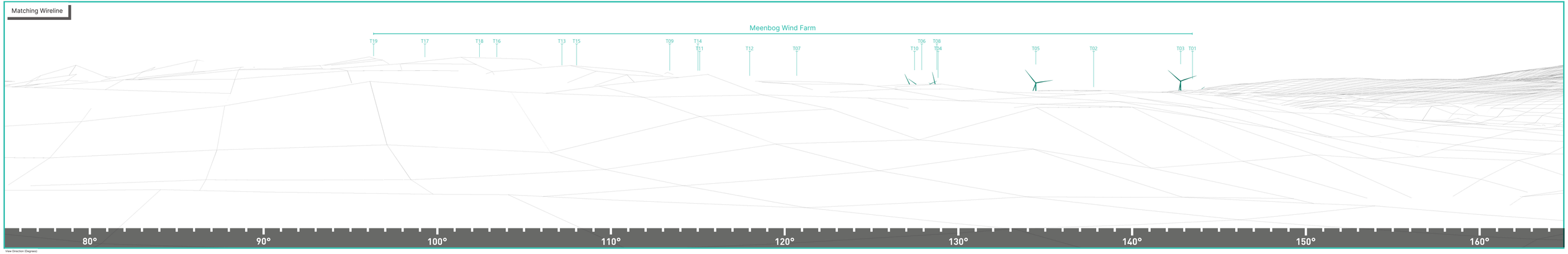
View Direction (Degrees)

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

4A - Proposed Photomontage with Cumulative at 90°



Matching Wireline



View Direction (Degrees)

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

4A - Proposed Photomontage with Cumulative at 53.5°



View Direction (Degrees)

0° Included Horizontal Angle (90°)

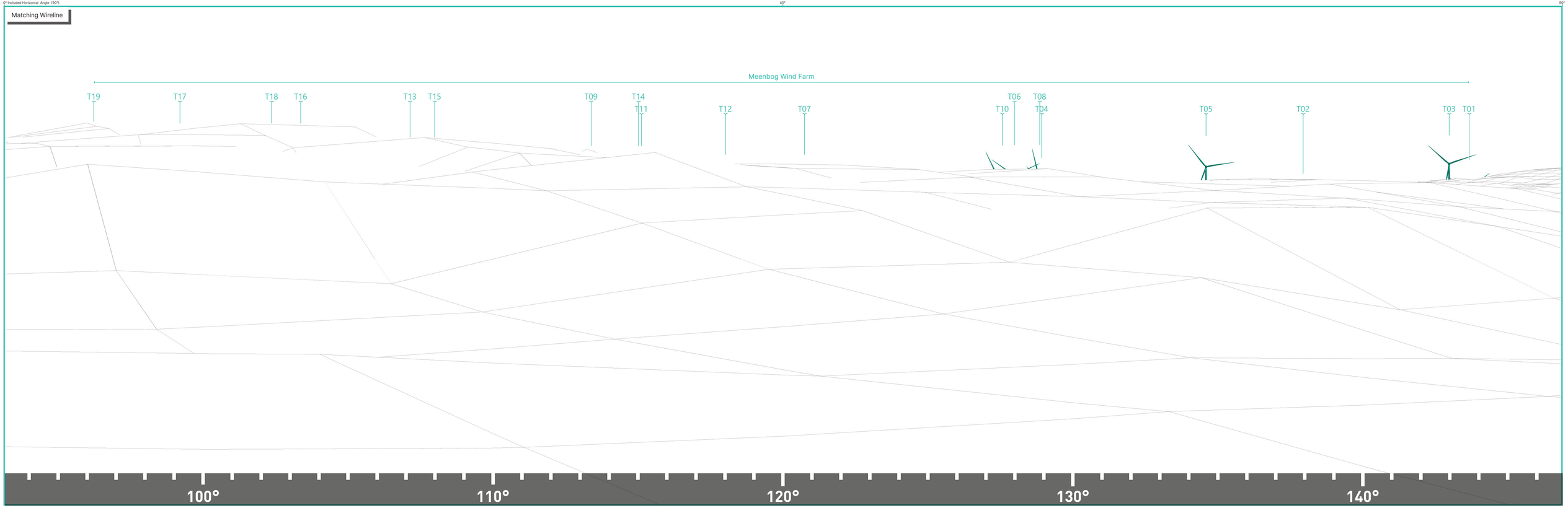
45°

90°

Matching Wireline

Meenbog Wind Farm

T19 T17 T18 T16 T13 T15 T09 T14 T11 T12 T07 T06 T08 T10 T04 T05 T02 T03 T01



View Direction (Degrees)

0° Included Horizontal Angle (90°)

45°

90°

4B - 53.5 FoV - **View south-west** towards Barnesmore Gap - proposed turbines **not visible**



View Direction (Degrees)

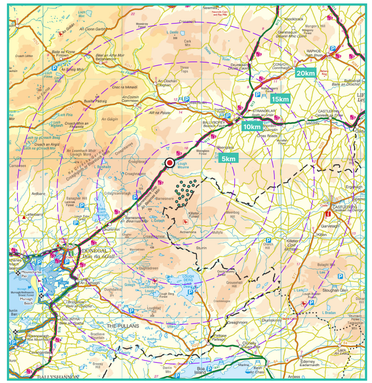
View Point 5

Cashelnavean West

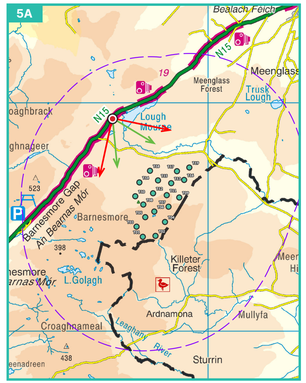
Photomontage 5A & 5B

View from the N15 National Road in the townland of Cashelnavean, located approximately 2.8km northwest of the nearest proposed turbine (T18).

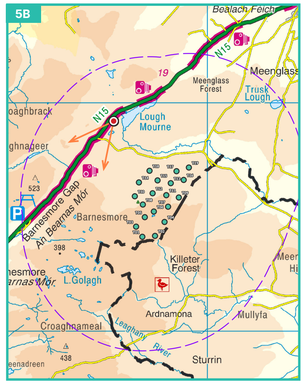
View point grid reference	E 605834 N 889444
Date of image taken	A - 06.02.2025 / B - 14.05.2026
Time of image taken	A - 15:24 / B - 18:53
View point elevation	174m
Angle of Views	120° / 90° / 53.5°
View Direction (Image Centre)	A - 147° / B - 219°
Turbine Hub Height	90m
Turbine Rotor Diameter	133m
Turbine Tip Height	156.5m
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



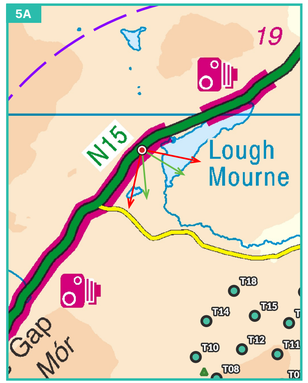
View point relative to 20km radius.



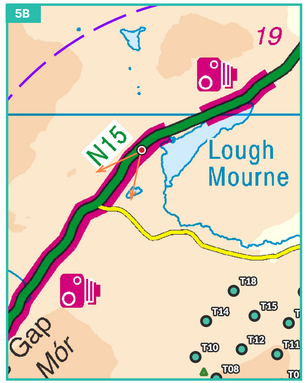
5A View point relative to proposed wind farm site.



5B View point relative to proposed wind farm site.



5A Detail of view point location.



5B Detail of view point location.

Map Legend

A B

Area shown in 90° view

Area shown in 53.5° view

View Point

Proposed Turbine Locations

Proposed Met Mast

Wireline Legend

Meenbog Wind Farm

Met Mast (80m)

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°)

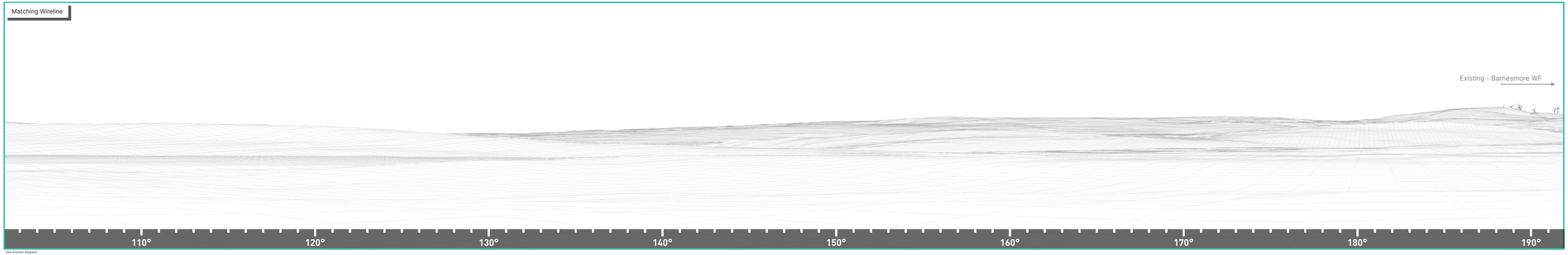
45°

90°

5A - Existing View at 90°



Matching Wireline



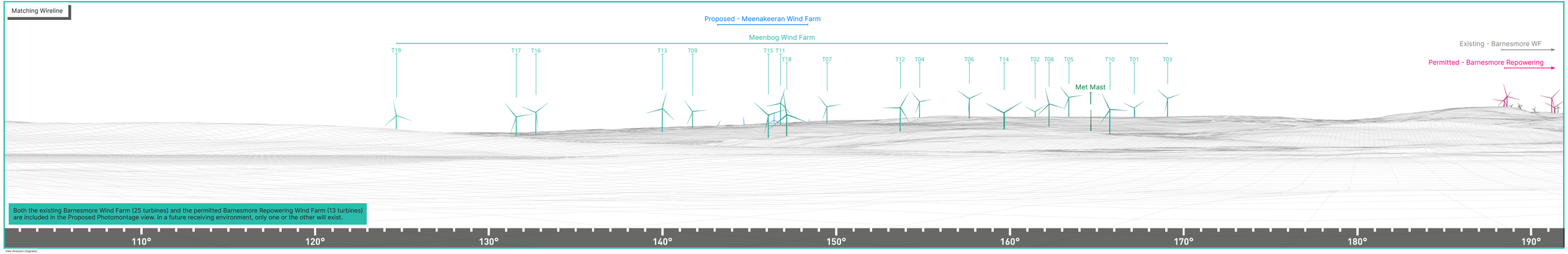
View Direction (Degrees)

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

5A - Proposed Photomontage with Cumulative at 90°



Matching Wireline



Both the existing Barnesmore Wind Farm (25 turbines) and the permitted Barnesmore Repowering Wind Farm (13 turbines) are included in the Proposed Photomontage view. In a future receiving environment, only one or the other will exist.

View Direction (Degrees)

0° Included Horizontal Angle (90°)

45°

90°

5A - Proposed Photomontage with Cumulative at 53.5°



View Direction (Degrees)

0° Included Horizontal Angle (90°)

45°

90°

Matching Wireline

Proposed - Meenakeeran Wind Farm

Meenbog Wind Farm

T19 T17 T16 T13 T09 T15 T11 T18 T07 T12 T04 T06 T14 T02 T08 T05 T10 T01 T03

Met Mast

)°

130°

140°

150°

160°

170°

View Direction (Degrees)

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

5B - 53.5 FoV - **View south-west** towards Barnesmore Gap - proposed turbines **not visible**



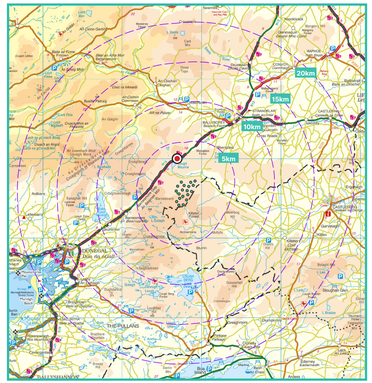
View Direction (Degrees)

View Point 6 Cashelnavean East

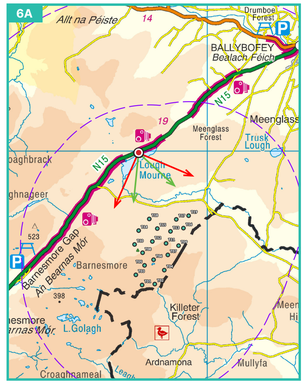
Photomontage 6A & 6B

View from the N15 National Road in the townland of Cashelnavean, located approximately 2.9km northwest of the nearest proposed turbine (T18).

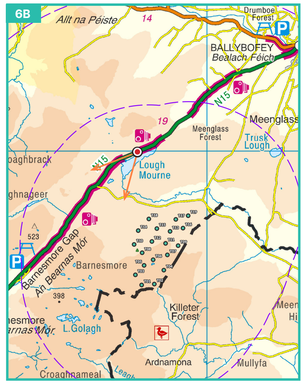
View point grid reference	E 606899 N 889950
Date of image taken	A - 06.02.2025 / B - 14.05.2026
Time of image taken	A - 17:34 / B - 17:42
View point elevation	178m
Angle of Views	120° / 90° / 53.5°
View Direction (Image Centre)	A - 161° / B - 221°
Turbine Hub Height	90m
Turbine Rotor Diameter	133m
Turbine Tip Height	156.5m
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



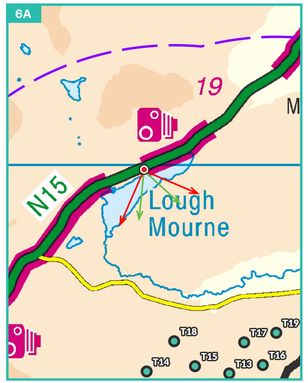
View point relative to 20km radius.



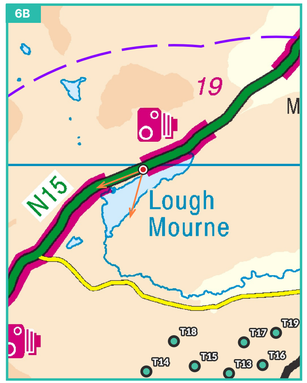
6A View point relative to proposed wind farm site.



6B View point relative to proposed wind farm site.



6A Detail of view point location.



6B Detail of view point location.

Map Legend

A B

Area shown in 90° view

Area shown in 53.5° view

View Point

Proposed Turbine Locations

Proposed Met Mast

Wireline Legend

Meenbog Wind Farm

Met Mast (80m)

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°)

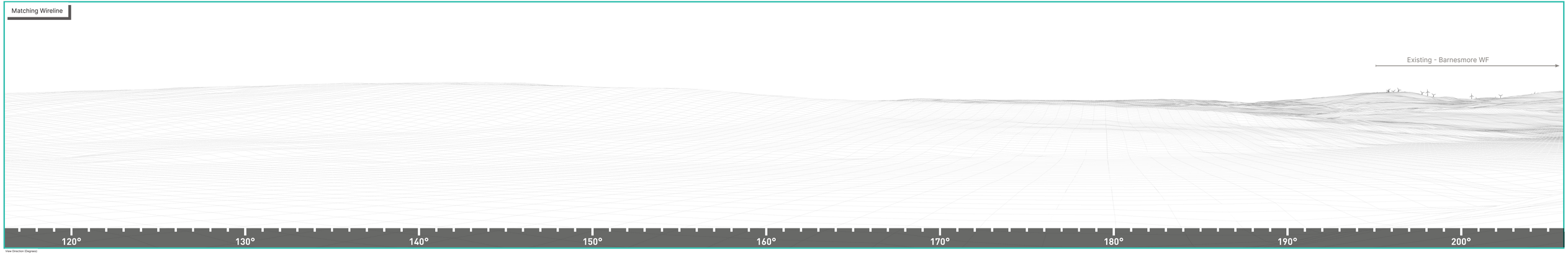
45°

90°

6A - Existing View at 90°



Matching Wireline



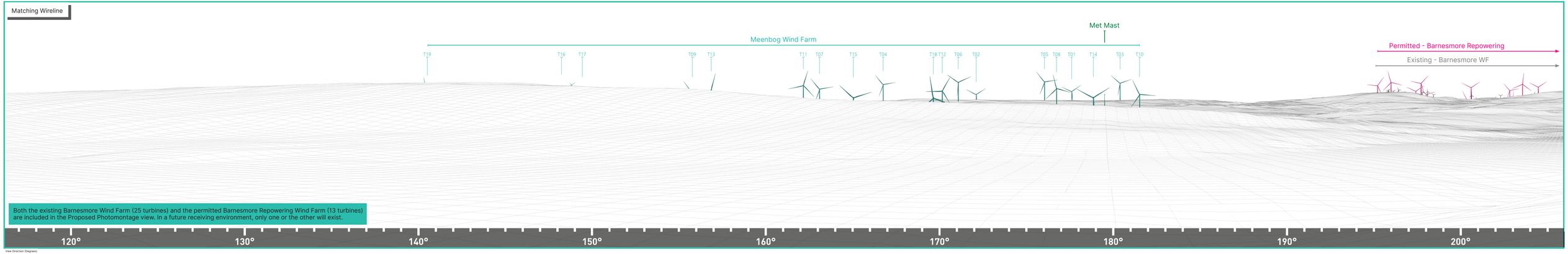
View Direction (Degrees)

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

6A -Proposed Photomontage with Cumulative at 90°



Matching Wireline



Both the existing Barnesmore Wind Farm (25 turbines) and the permitted Barnesmore Repowering Wind Farm (13 turbines) are included in the Proposed Photomontage view. In a future receiving environment, only one or the other will exist.

View Direction (Degrees)

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

6A - Proposed Photomontage with Cumulative at 53.5°



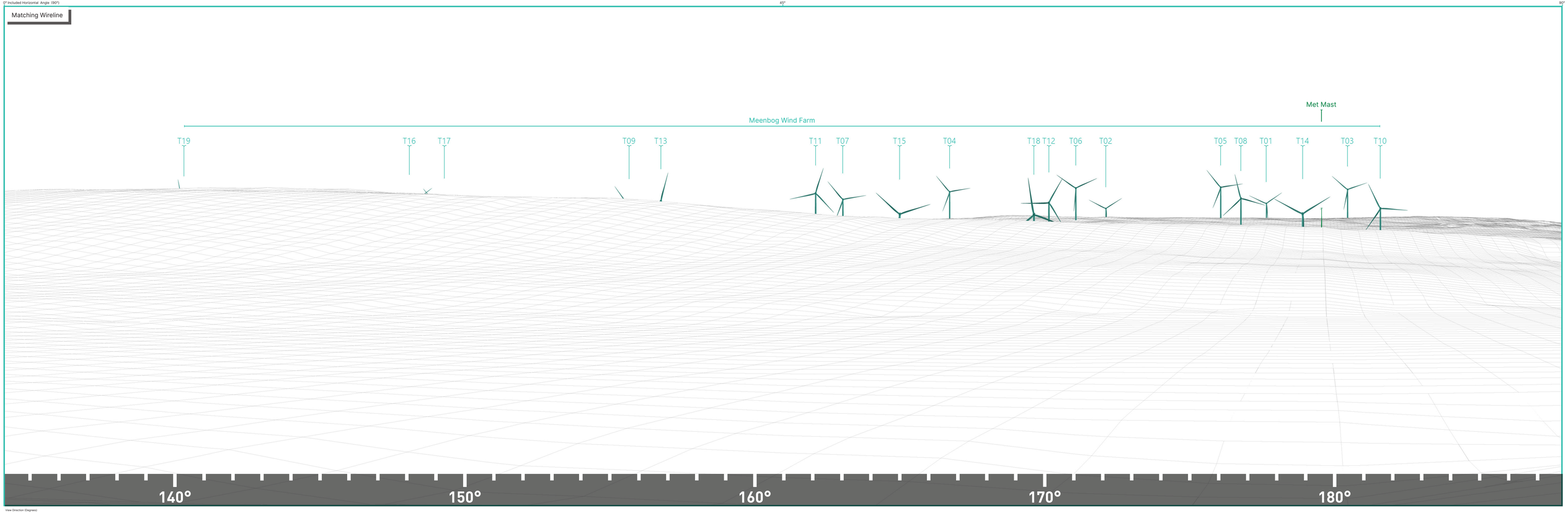
View Direction (Degrees)

0° Included Horizontal Angle (90°)

45°

90°

Matching Wireline



View Direction (Degrees)

0° Included Horizontal Angle (90°)

45°

90°

6B - 53.5 FoV - **View south-west** towards Barnesmore Gap - proposed turbines **not visible**



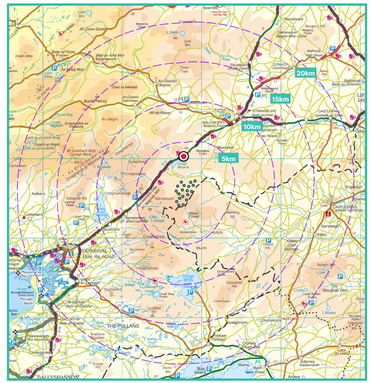
View Direction (Degrees)

View Point 7 Meenacrumlin

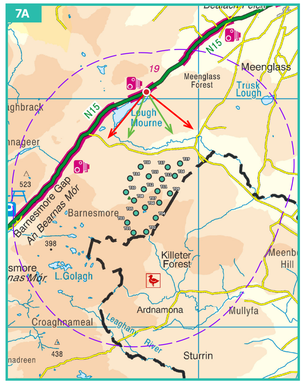
Photomontage 7A & 7B

View from the N15 National Road in the townland of Meenacrumlin, located approximately 3.2km north of the nearest proposed turbine (T18). This viewpoint is from a Designated Protected View.

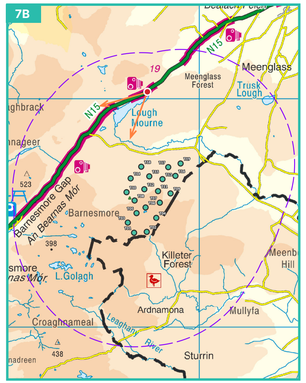
View point grid reference	E 607690 N890330
Date of image taken	A - 06.02.2025 / B - 14.05.2026
Time of image taken	A - 17:21 / B - 20:28
View point elevation	172m
Angle of Views	120° / 90° / 53.5°
View Direction (Image Centre)	A - 174° / B - 224°
Turbine Hub Height	90m
Turbine Rotor Diameter	133m
Turbine Tip Height	156.5m
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



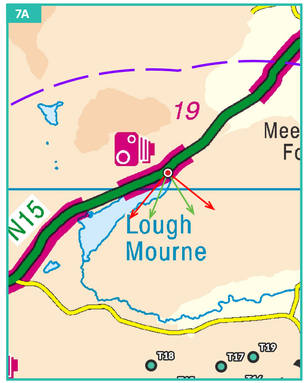
View point relative to 20km radius.



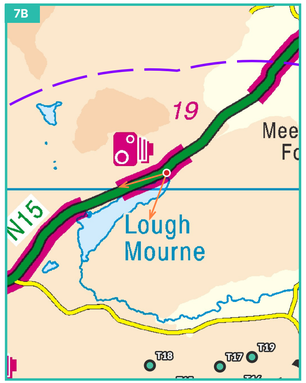
7A View point relative to proposed wind farm site.



7B View point relative to proposed wind farm site.



7A Detail of view point location.



7B Detail of view point location.

Map Legend

A B

Area shown in 90° view

Area shown in 53.5° view

View Point

Proposed Turbine Locations

Proposed Met Mast

Wireline Legend

Meenbog Wind Farm

Met Mast (80m)

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°)

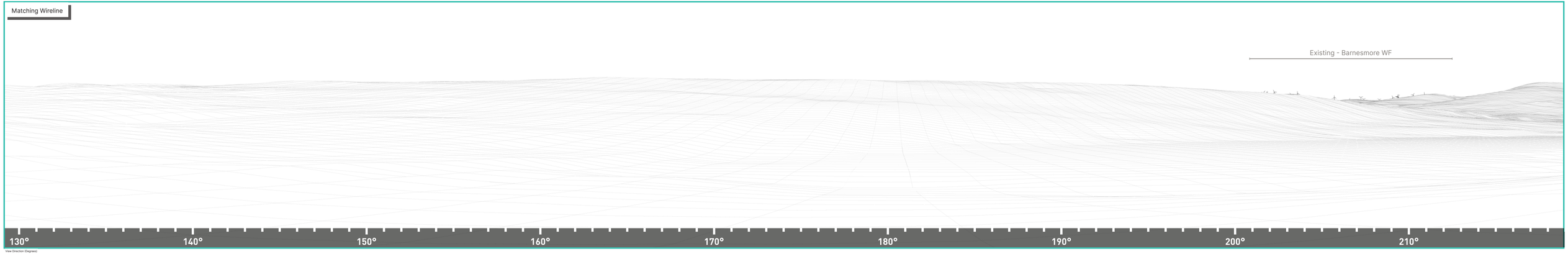
45°

90°

7A - Existing View at 90°



Matching Wireline



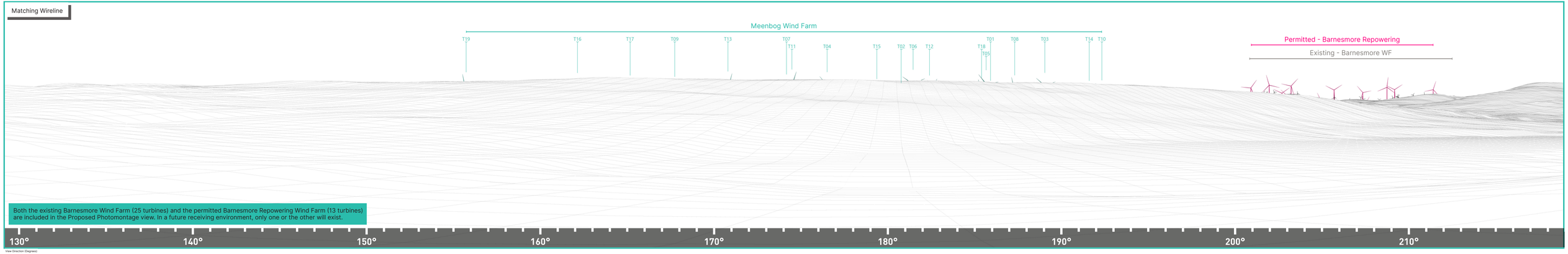
View Direction (Degrees)

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

7A - Proposed Photomontage with Cumulative at 90°



Matching Wireline



Both the existing Barnesmore Wind Farm (25 turbines) and the permitted Barnesmore Repowering Wind Farm (13 turbines) are included in the Proposed Photomontage view. In a future receiving environment, only one or the other will exist.

View Direction (Degrees)

0° Included Horizontal Angle (90°)

45°

90°

7A - Proposed Photomontage with Cumulative at 53.5°



View Direction (Degrees)

0° Included Horizontal Angle (90°)

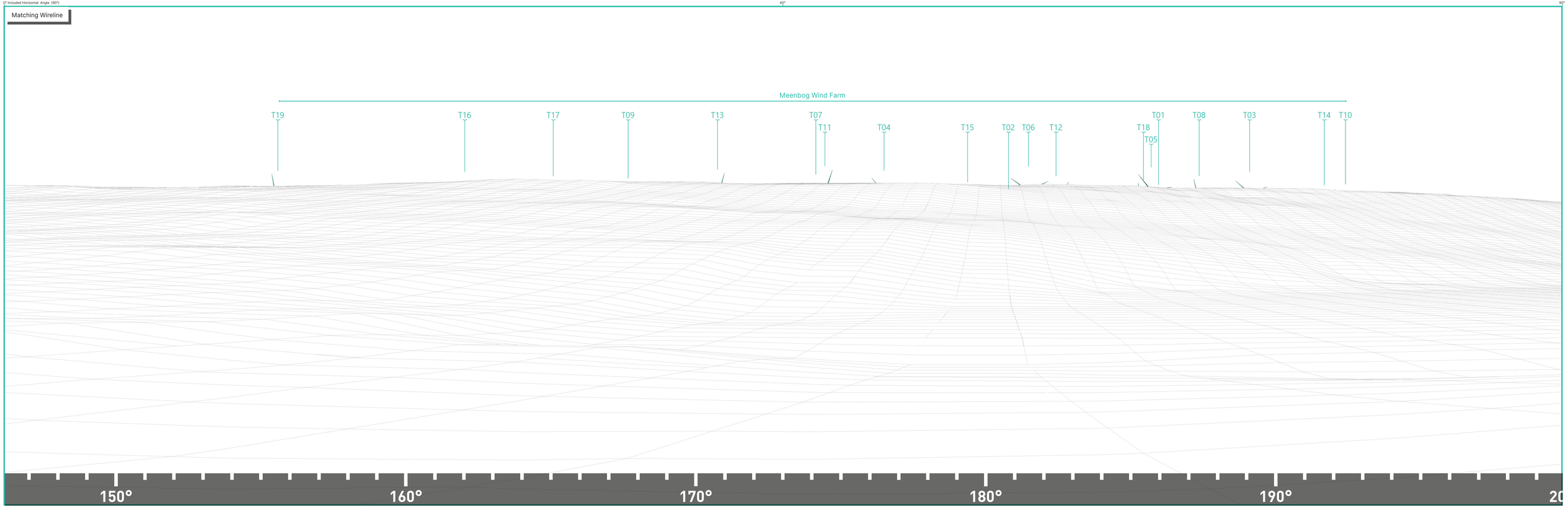
45°

90°

Matching Wireline

Meenbog Wind Farm

T19 T16 T17 T09 T13 T07 T11 T04 T15 T02 T06 T12 T18 T05 T01 T08 T03 T14 T10



View Direction (Degrees)

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

7B - 53.5 FoV - **View south-west** towards Barnesmore Gap - proposed turbines **not visible**



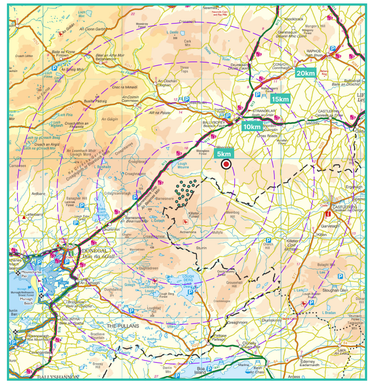
View Direction (Degrees)

View Point 8 Kinletter

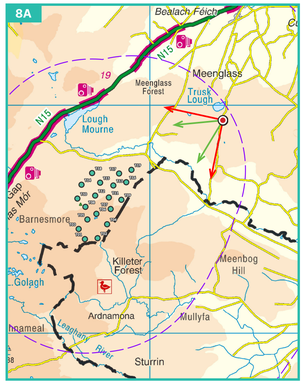
Photomontage 8A & 8B

View from the L2974 Local Road in the townland of Kinletter, located approximately 4.5km northeast of the nearest proposed turbine (T19).

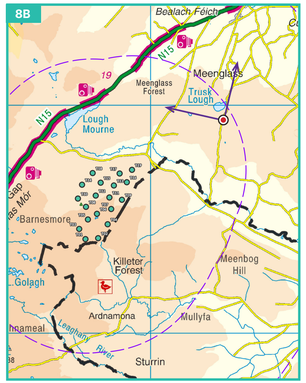
View point grid reference	E 613081 N 889353
Date of image taken	06.02.2025
Time of image taken	11:23
View point elevation	193m
Angle of Views	120° / 90° / 53.5°
View Direction (Image Centre)	A - 237° / B - 327°
Turbine Hub Height	90m
Turbine Rotor Diameter	133m
Turbine Tip Height	156.5m
Montage Type	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



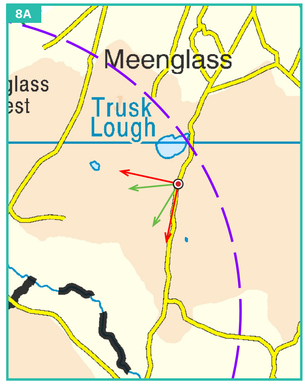
View point relative to 20km radius.



8A View point relative to proposed wind farm site.



8B View point relative to proposed wind farm site.



8A Detail of view point location.



8B Detail of view point location.

Map Legend

A B

Area shown in 90° view

Area shown in 53.5° view

View Point

Proposed Turbine Locations

Proposed Met Mast

Wireline Legend

Meenbog Wind Farm

Met Mast (80m)

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°)

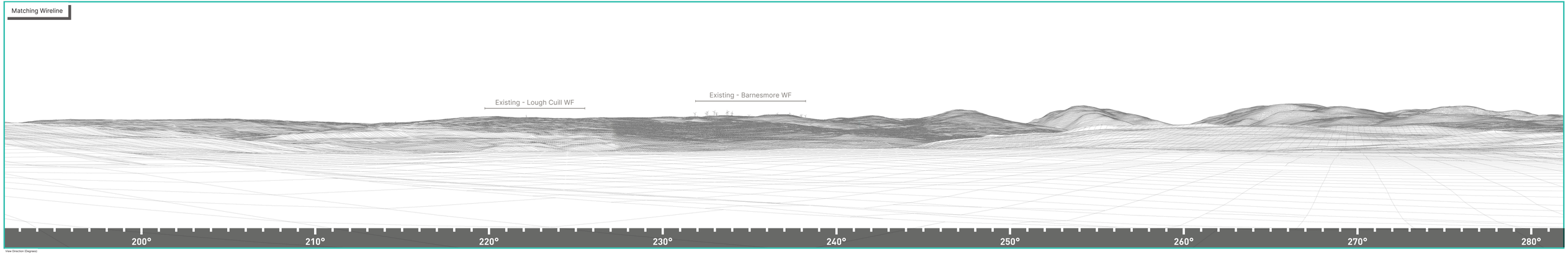
45°

90°

8A - Existing View at 90°



Matching Wireline



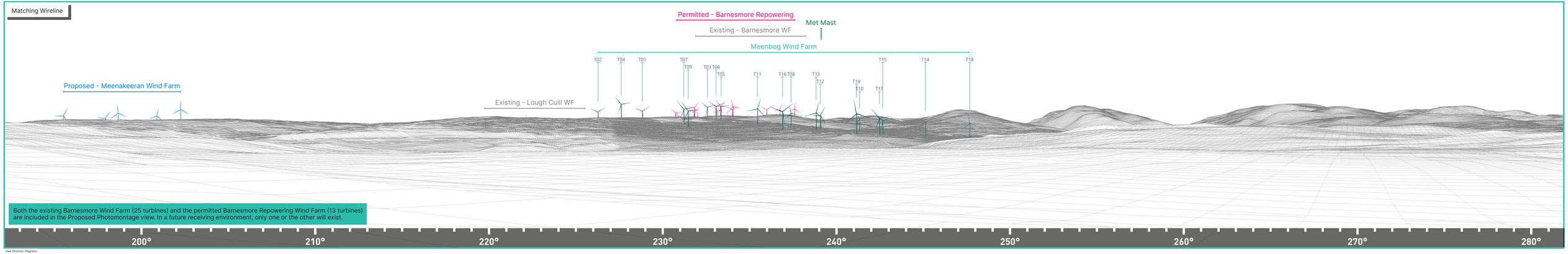
View Direction (Degrees)

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

8A - Proposed Photomontage with Cumulative at 90°



Matching Wireline



Both the existing Barnesmore Wind Farm (25 turbines) and the permitted Barnesmore Repowering Wind Farm (13 turbines) are included in the Proposed Photomontage view. In a future receiving environment, only one or the other will exist.

View Direction (Degrees)

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

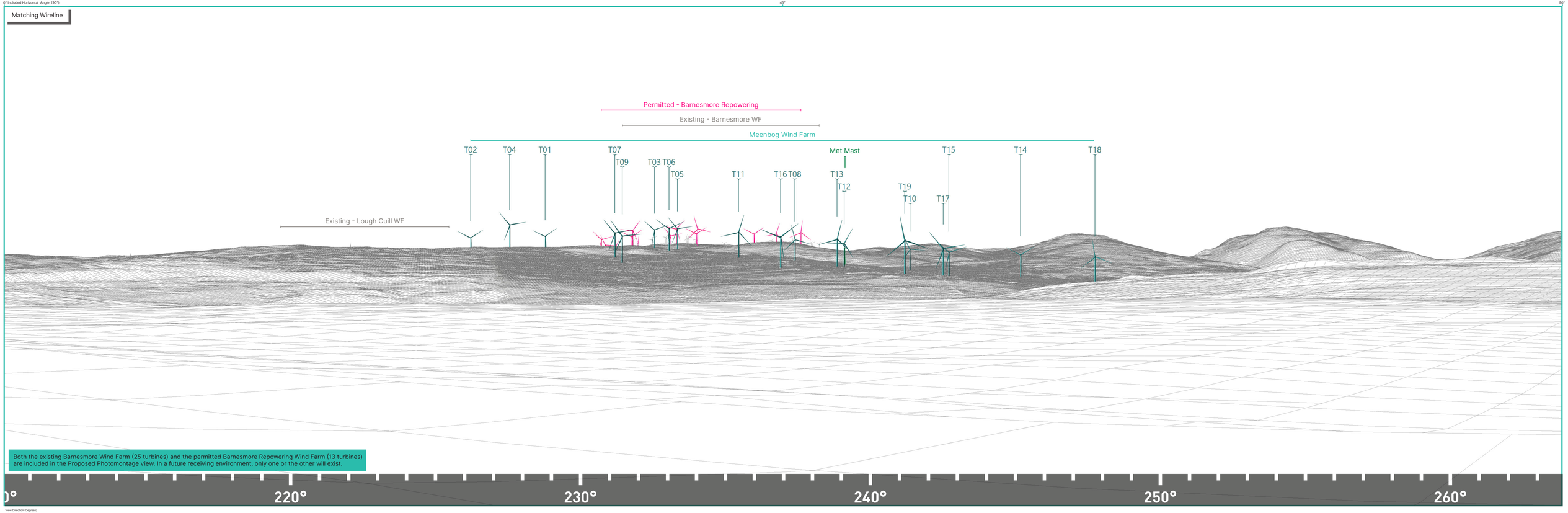
8A - Proposed Photomontage with Cumulative at 53.5°



View Direction (Degrees)

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

Matching Wireline



Both the existing Barnesmore Wind Farm (25 turbines) and the permitted Barnesmore Repowering Wind Farm (13 turbines) are included in the Proposed Photomontage view. In a future receiving environment, only one or the other will exist.

View Direction (Degrees)

0° Included Horizontal Angle (90°)

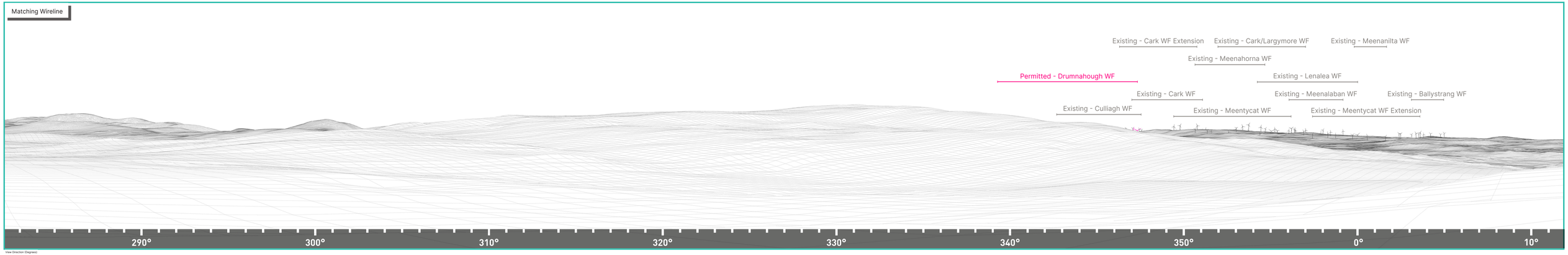
45°

90°

8B - 90 FoV - **View to north** - proposed turbines **not visible**



Matching Wireline



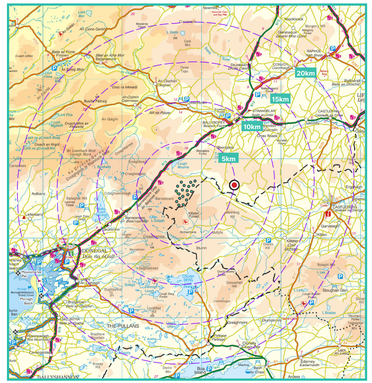
View Direction (Degrees)

View Point 9 Meenreagh

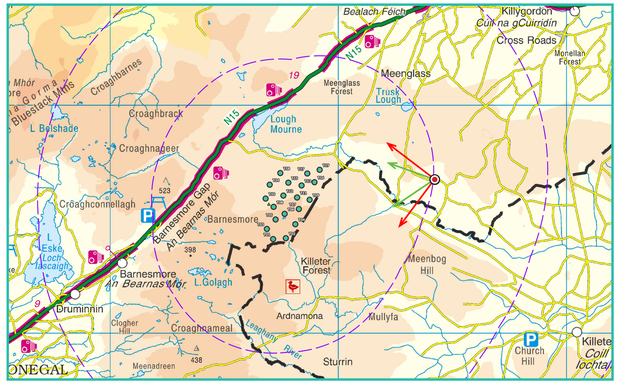
Photomontage 9

View from the L6524 Local Road in the townland of Meenreagh, located approximately 5km east of the nearest proposed turbine (T19).

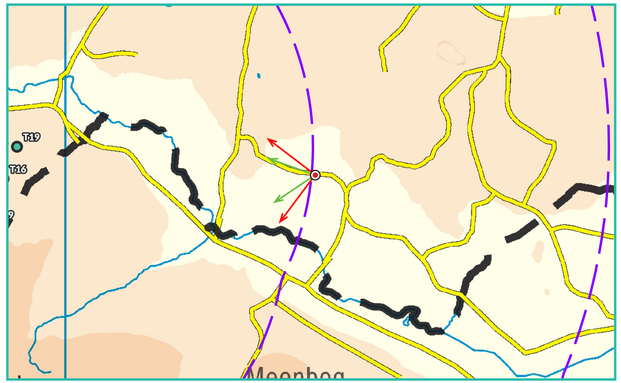
View point grid reference	E 614168 N 886718
Date of image taken	06.02.2025
Time of image taken	11:48
View point elevation	121m
Angle of Views	120° / 90° / 53.5°
View Direction (Image Centre)	262°
Turbine Hub Height	90m
Turbine Rotor Diameter	133m
Turbine Tip Height	156.5m
Montage Type	Type 4 Photomontage / 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 20km 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

Proposed Turbine Locations

Proposed Met Mast

Wireline Legend

Meenbog Wind Farm

Met Mast (80m)

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°)

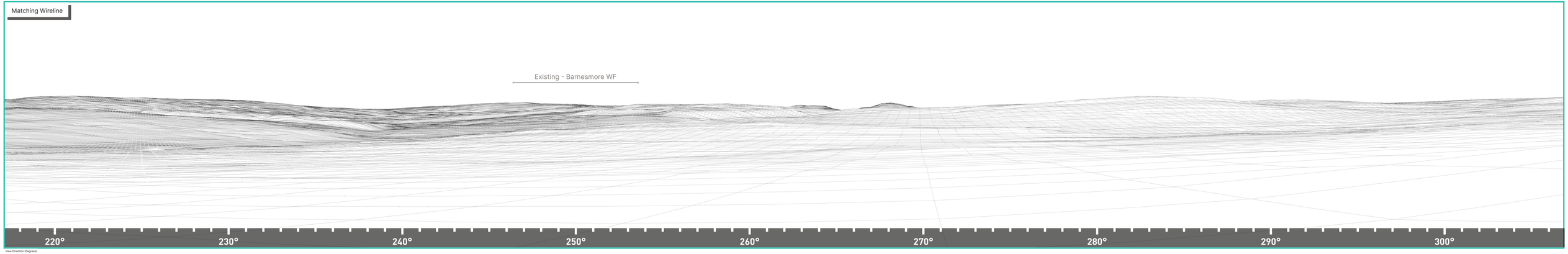
45°

90°

Existing View at 90°



Matching Wireline



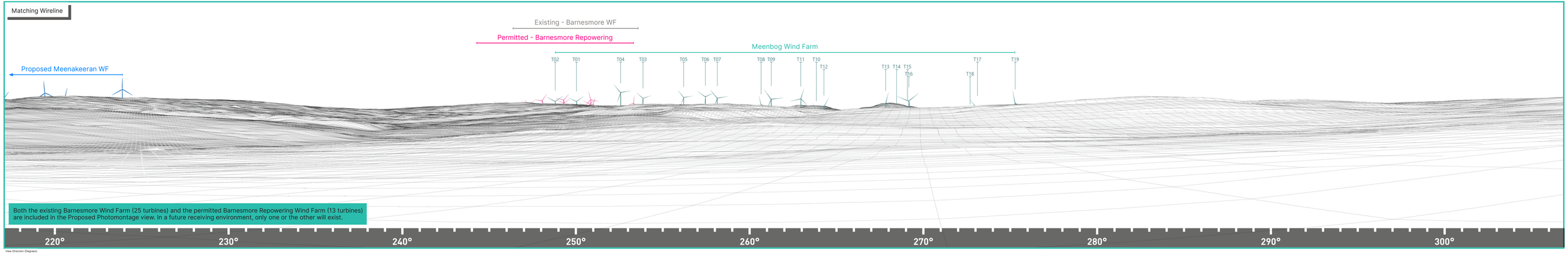
View Direction (Degrees)

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

Proposed Photomontage with Cumulative at 90°



Matching Wireline



Both the existing Barnesmore Wind Farm (25 turbines) and the permitted Barnesmore Repowering Wind Farm (13 turbines) are included in the Proposed Photomontage view. In a future receiving environment, only one or the other will exist.

View Direction (Degrees)

0° Included Horizontal Angle (90°)

45°

90°

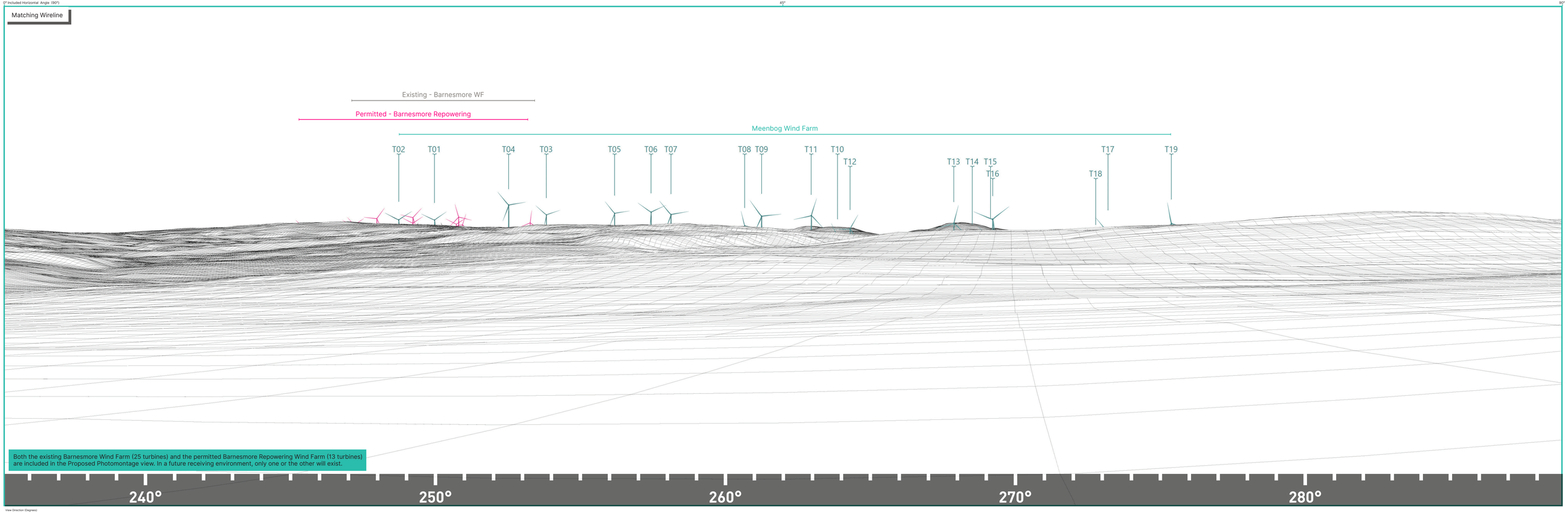
Proposed Photomontage with Cumulative at 53.5°



View Direction (Degrees)

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

Matching Wireline



Both the existing Barnesmore Wind Farm (25 turbines) and the permitted Barnesmore Repowering Wind Farm (13 turbines) are included in the Proposed Photomontage view. In a future receiving environment, only one or the other will exist.

View Direction (Degrees)

This page intentionally left blank

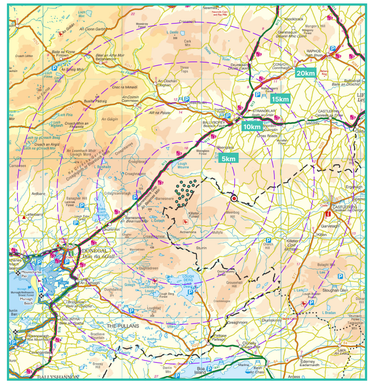
View Point 10

Deevoge Bridge

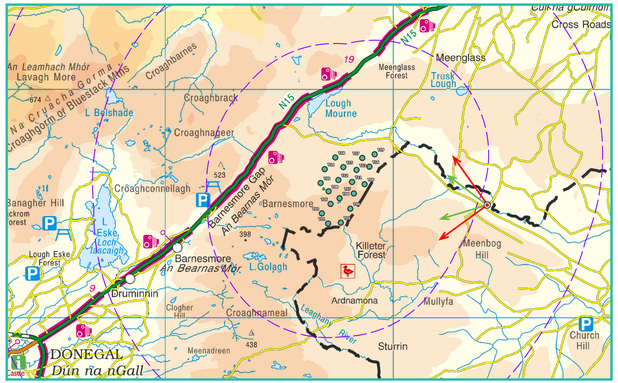
Photomontage 10

View from the L2984 Local Road in the townland of Meenablagh, located approximately 5.5km east of the nearest proposed turbine (T09).

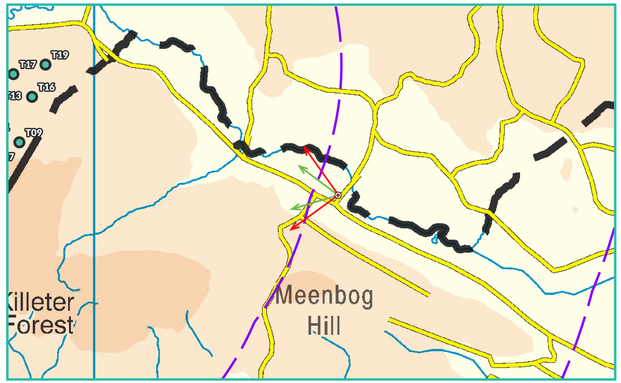
View point grid reference	E 614058 N 884993
Date of image taken	06.02.2025
Time of image taken	12:05
View point elevation	96m
Angle of Views	120° / 90° / 53.5°
View Direction (Image Centre)	279°
Turbine Hub Height	90m
Turbine Rotor Diameter	133m
Turbine Tip Height	156.5m
Montage Type	Type 4 Photomontage / 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 20km 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

Proposed Turbine Locations

Proposed Met Mast

Wireline Legend

Meenbog Wind Farm

Met Mast (80m)

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°)

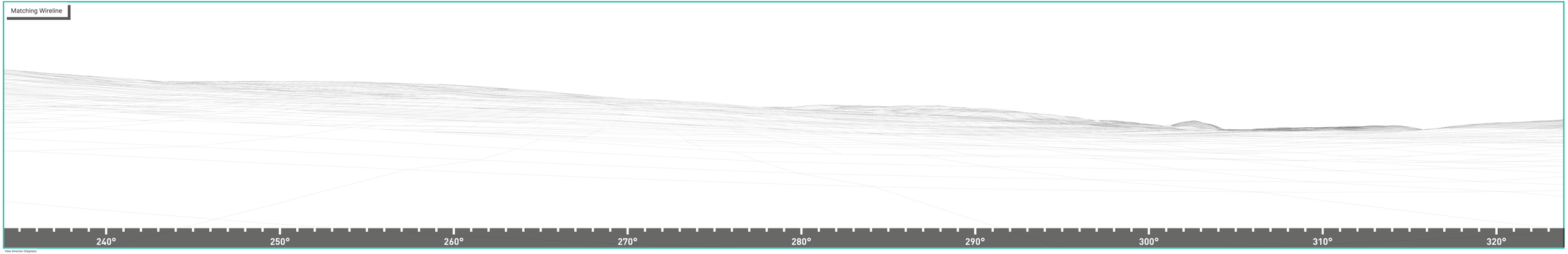
45°

90°

Existing View at 90°



Matching Wireline



View Direction (Degrees)

0° Included Horizontal Angle (90°)

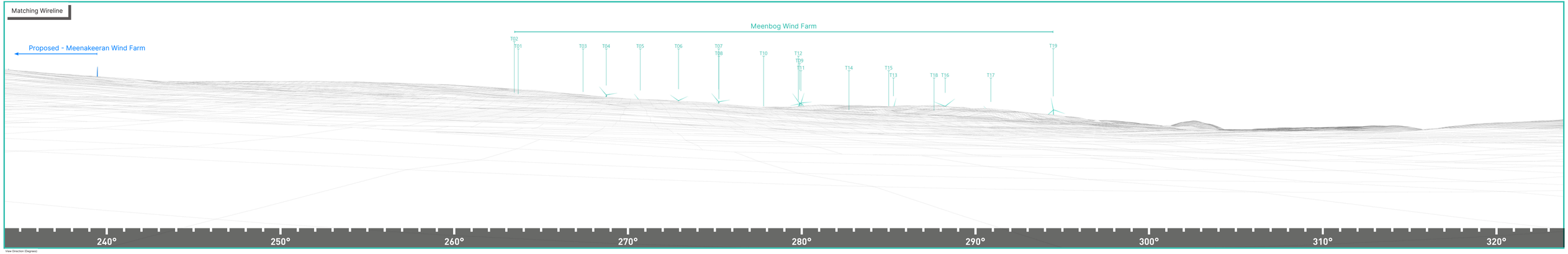
45°

90°

Proposed Photomontage with Cumulative at 90°



Matching Wireline



View Direction (Degrees)

0° Included Horizontal Angle (90°)

45°

90°

Proposed Photomontage with Cumulative at 53.5°



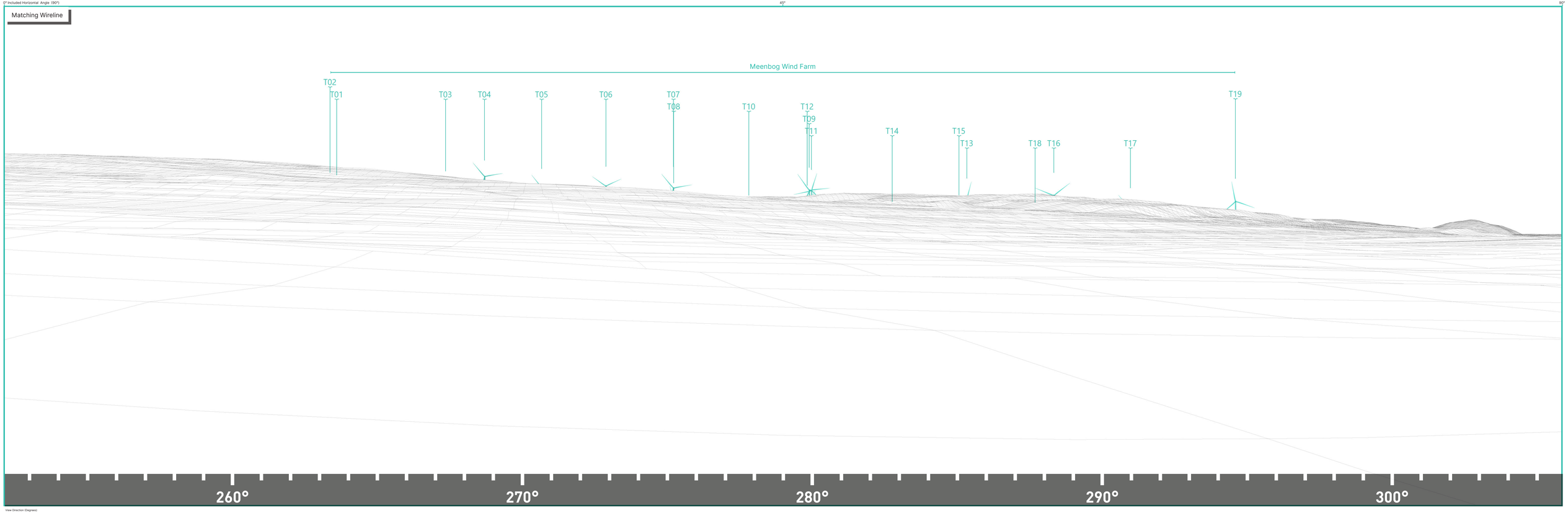
View Direction (Degrees)

0° Included Horizontal Angle (90°)

45°

90°

Matching Wireline



View Direction (Degrees)

This page intentionally left blank

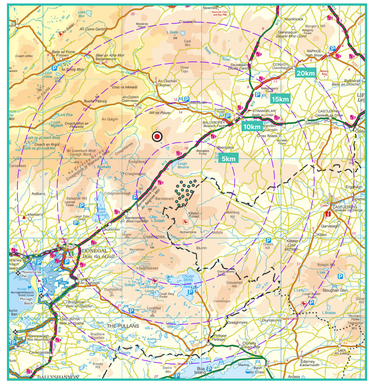
View Point 11

Altnapaste

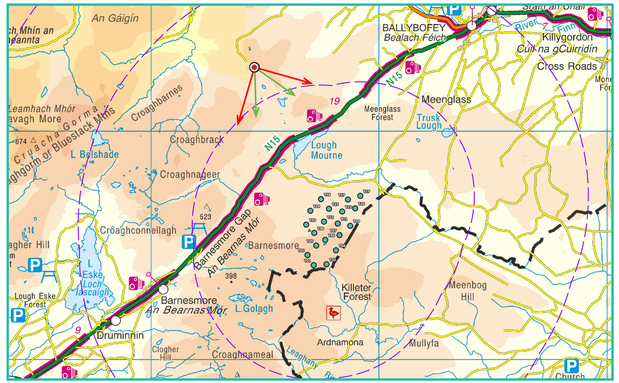
Photomontage 11

View from the L7013 Local Road in the townland of Altnapaste, located approximately 6.4km northwest of the nearest proposed turbine (T18). This viewpoint is located on the Alt na Peist Walking Trail.

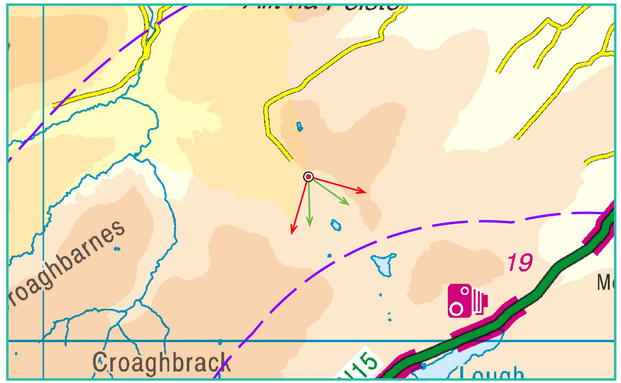
View point grid reference	E 604433 N 892815
Date of image taken	14.03.2025
Time of image taken	17:34
View point elevation	236m
Angle of Views	120° / 90° / 53.5°
View Direction (Image Centre)	151°
Turbine Hub Height	90m
Turbine Rotor Diameter	133m
Turbine Tip Height	156.5m
Montage Type	Type 4 Photomontage / 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 20km 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
- Proposed Turbine Locations
- Proposed Met Mast

Wireline Legend

- Meenbog Wind Farm
- Met Mast (80m)
- 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°)

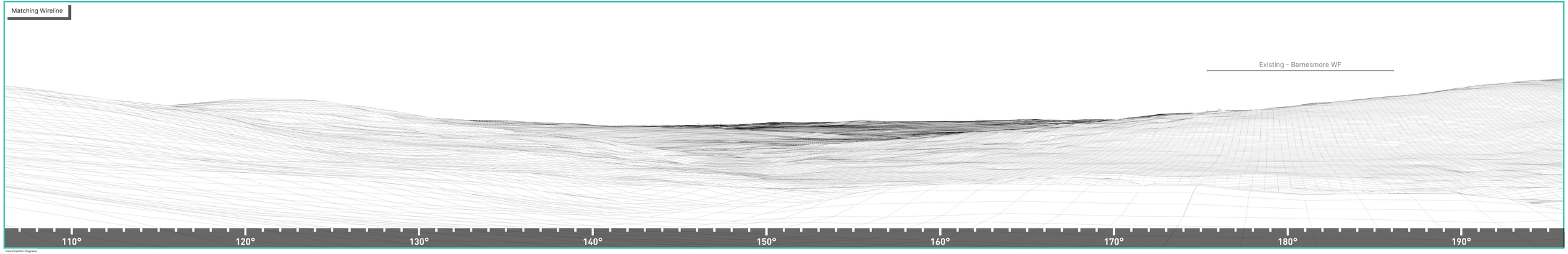
45°

90°

Existing View at 90°



Matching Wireline



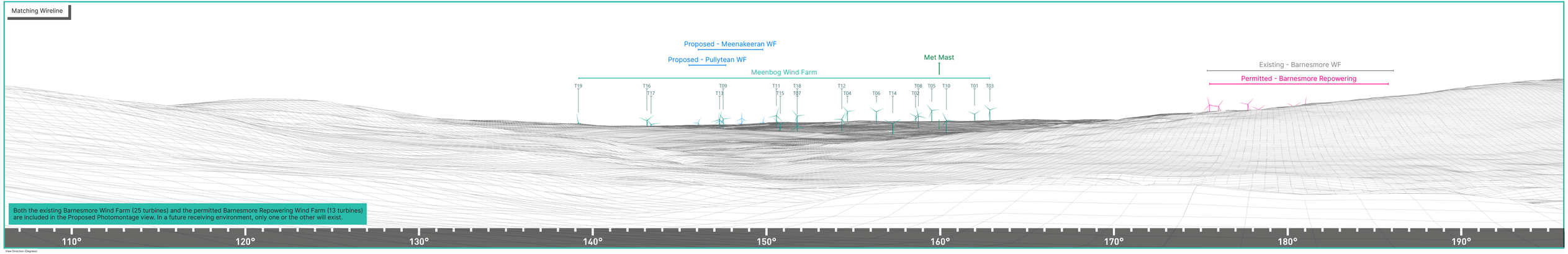
View Direction (Degrees)

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

Proposed Photomontage with Cumulative at 90°



Matching Wireline



Both the existing Barnesmore Wind Farm (25 turbines) and the permitted Barnesmore Repowering Wind Farm (13 turbines) are included in the Proposed Photomontage view. In a future receiving environment, only one or the other will exist.

View Direction (Degrees)

0° Included Horizontal Angle (90°)

45°

90°

Proposed Photomontage with Cumulative at 53.5°



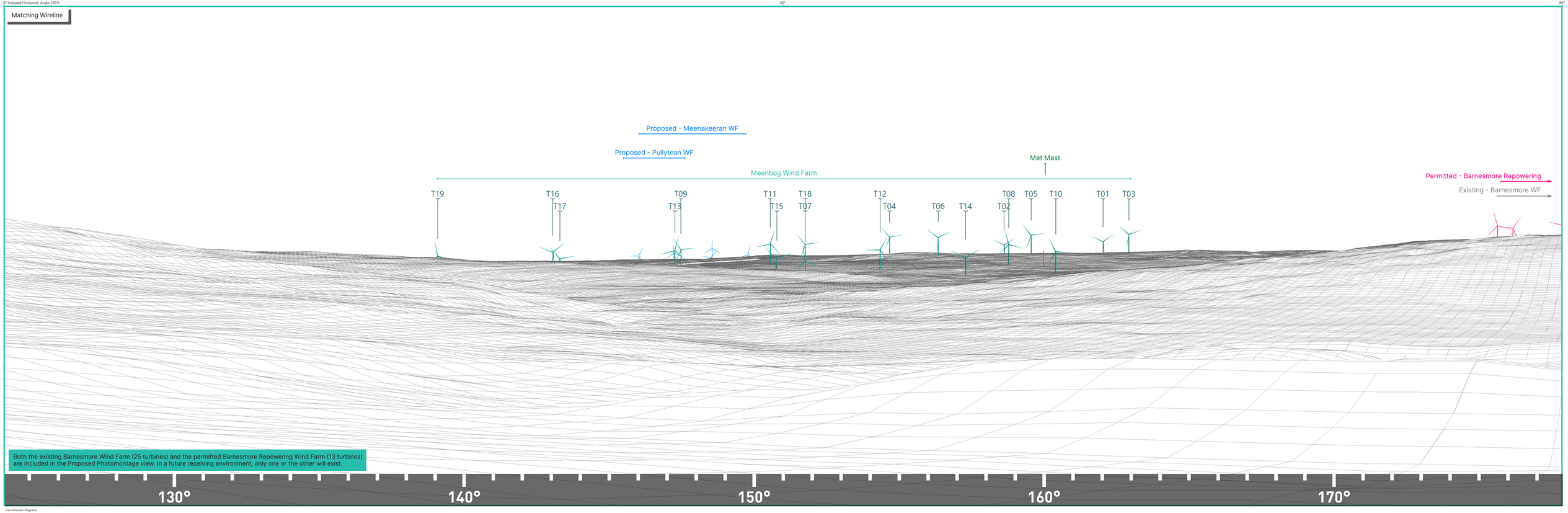
View Direction (Degrees)

0° Included Horizontal Angle (90°)

45°

90°

Matching Wireline



View Direction (Degrees)

This page intentionally left blank

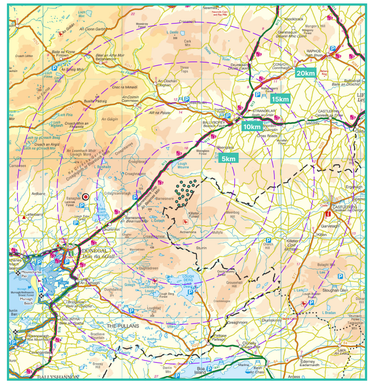
View Point 12

Greenan

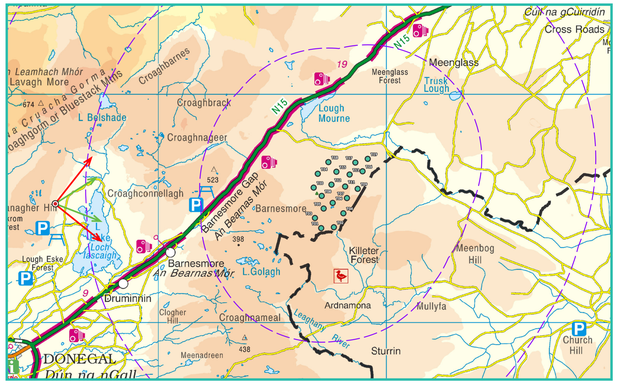
Photomontage 12

View from the L6335 Local Road in the townland of Greenan, located approximately 11.3km west of the nearest propsoed turbine (T10). This viewpoint is also located on the Bluestack Way Walking Trail.

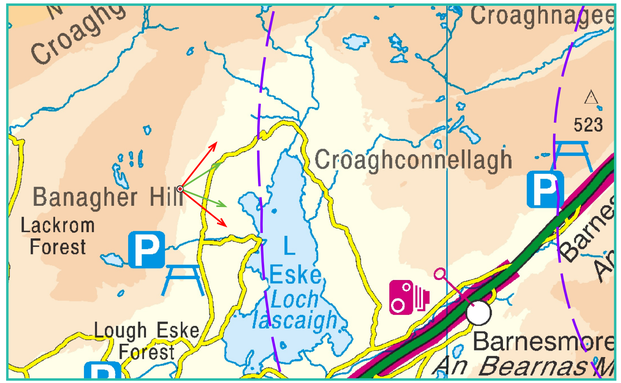
View point grid reference	E 595441 N 885216
Date of image taken	06.02.2025
Time of image taken	15:55
View point elevation	162m
Angle of Views	120° / 90° / 53.5°
View Direction (Image Centre)	88°
Turbine Hub Height	90m
Turbine Rotor Diameter	133m
Turbine Tip Height	156.5m
Montage Type	Type 4 Photomontage / 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 20km 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
- Proposed Turbine Locations
- Proposed Met Mast

Wireline Legend

- Meenbog Wind Farm
- Met Mast (80m)
- 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°)

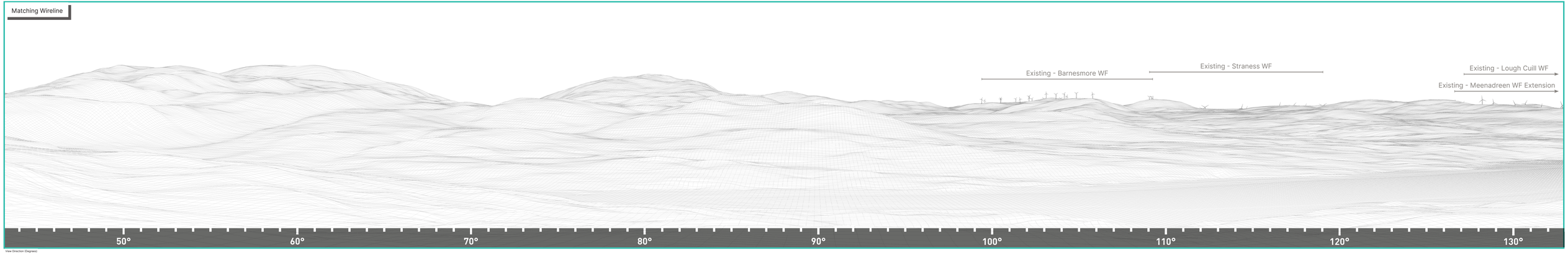
45°

90°

Existing View at 90°



Matching Wireline



View Direction (Degrees)

0° Included Horizontal Angle (90°)

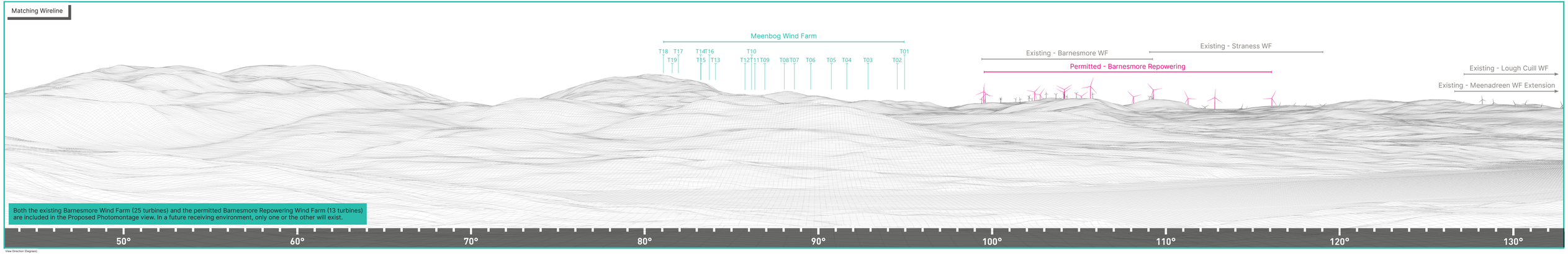
45°

90°

Proposed Photomontage with Cumulative at 90°



Matching Wireline



Both the existing Barnesmore Wind Farm (25 turbines) and the permitted Barnesmore Repowering Wind Farm (13 turbines) are included in the Proposed Photomontage view. In a future receiving environment, only one or the other will exist.

View Direction (Degrees)

0° Included Horizontal Angle (90°)

45°

90°

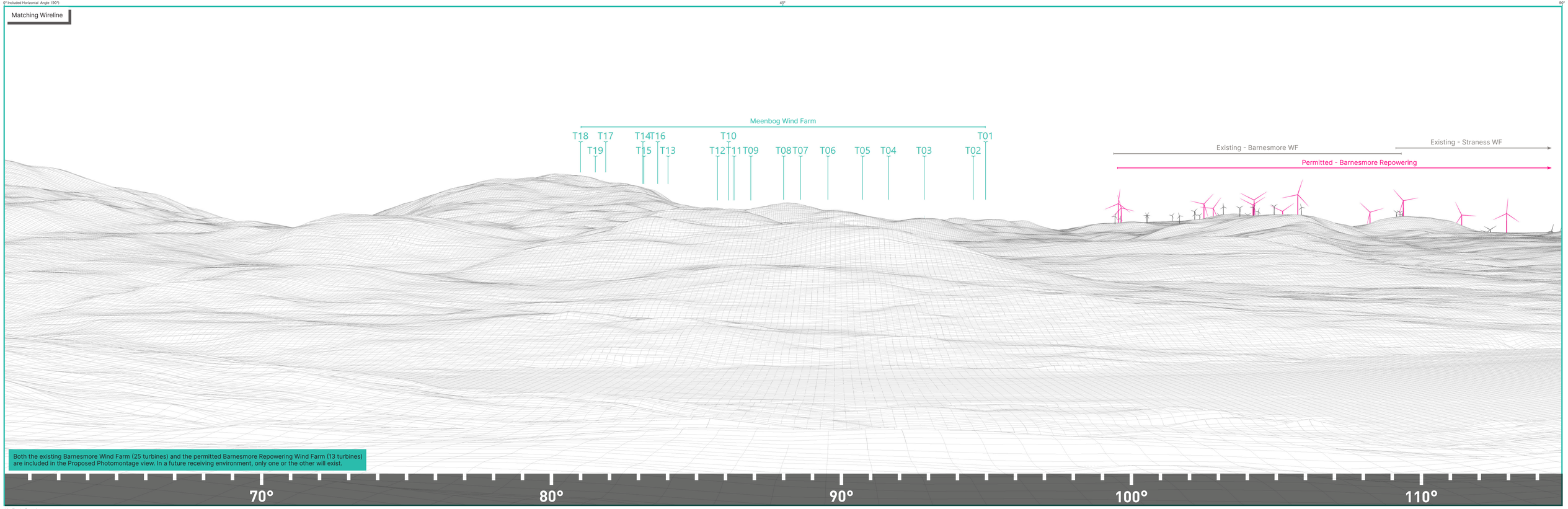
Proposed Photomontage with Cumulative at 53.5°



View Direction (Degrees)

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

Matching Wireline



Both the existing Barnesmore Wind Farm (25 turbines) and the permitted Barnesmore Repowering Wind Farm (13 turbines) are included in the Proposed Photomontage view. In a future receiving environment, only one or the other will exist.

View Direction (Degrees)

This page intentionally left blank

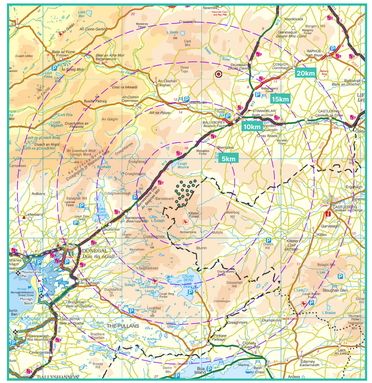
View Point 13

Magheravall

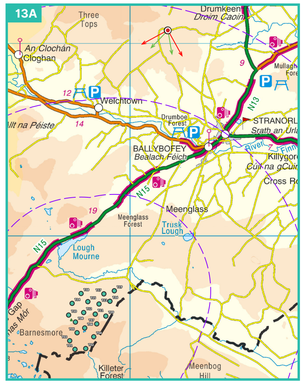
Photomontage 13A & 13B

View from the L2744 Local Road in the townland of Magheravall, located approximately 13.8km north of the nearest proposed turbine (T19).

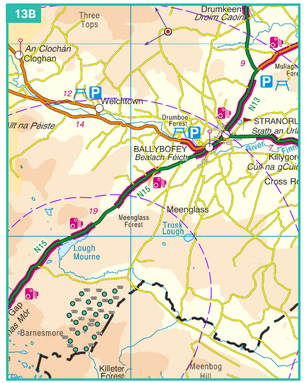
View point grid reference	E 612008 N 900712
Date of image taken	06.02.2025
Time of image taken	10:06
View point elevation	206m
Angle of Views	120° / 90° / 53.5°
View Direction (Image Centre)	A - 196° / B - 286°
Turbine Hub Height	90m
Turbine Rotor Diameter	133m
Turbine Tip Height	156.5m
Montage Type	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



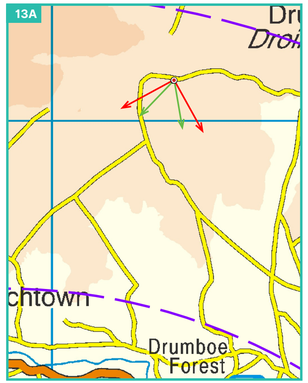
View point relative to 20km radius.



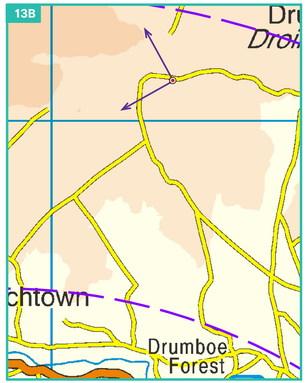
13A View point relative to proposed wind farm site.



13B View point relative to proposed wind farm site.



13A Detail of view point location.



13B Detail of view point location.

Map Legend

A B

Area shown in 90° view

Area shown in 53.5° view

View Point

Proposed Turbine Locations

Proposed Met Mast

Wireline Legend

Meenbog Wind Farm

Met Mast (80m)

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°)

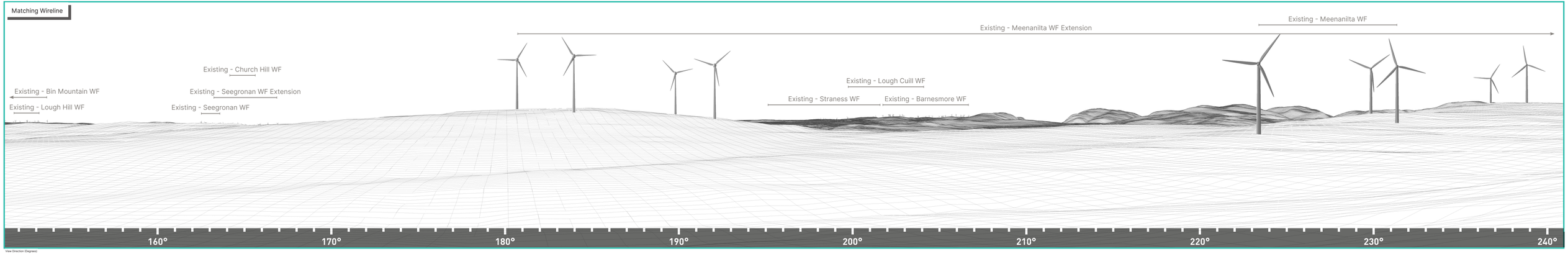
45°

90°

13A - Existing View at 90°



Matching Wireline



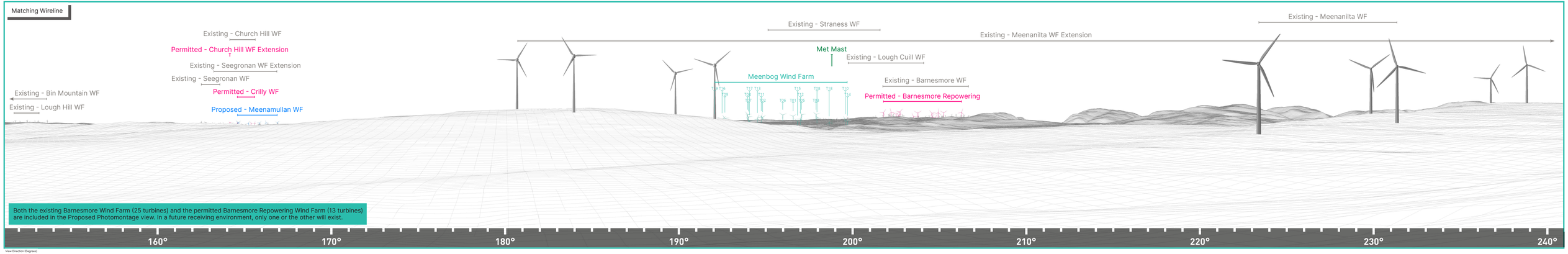
View Direction (Degrees)

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

13A - Proposed Photomontage with Cumulative at 90°



Matching Wireline



Both the existing Barnesmore Wind Farm (25 turbines) and the permitted Barnesmore Repowering Wind Farm (13 turbines) are included in the Proposed Photomontage view. In a future receiving environment, only one or the other will exist.

View Direction (Degrees)

0° Included Horizontal Angle (90°)

45°

90°

13A - Proposed Photomontage with Cumulative at 53.5°



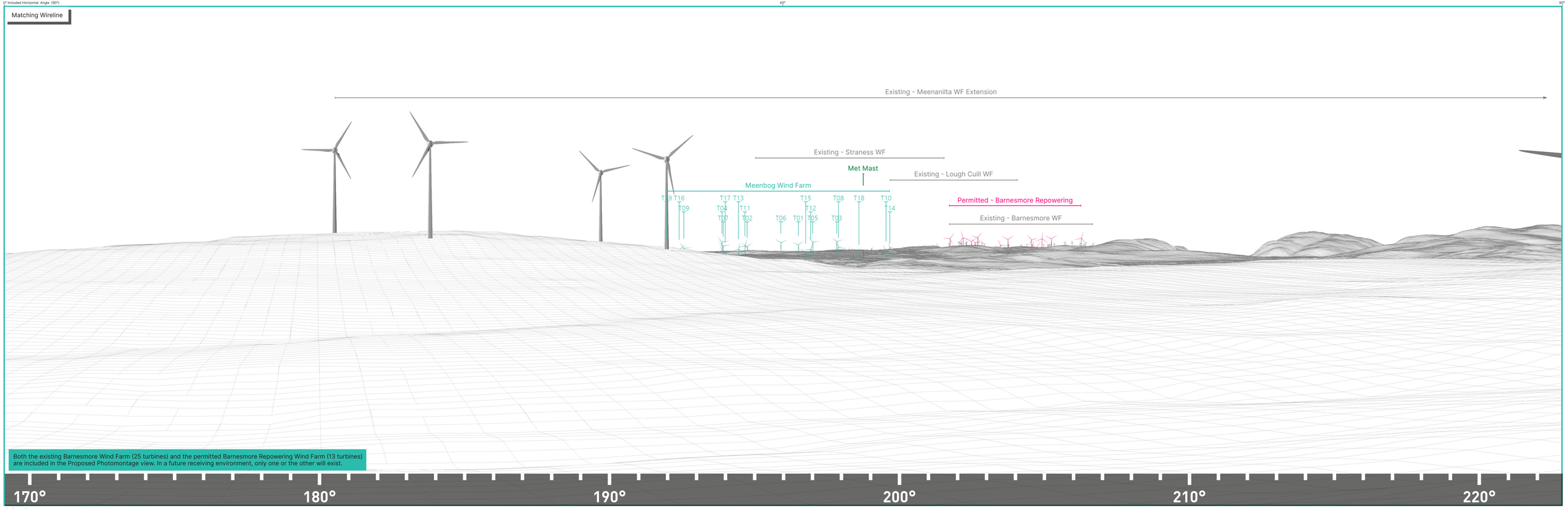
View Direction (Degrees)

0° Included Horizontal Angle (90°)

45°

90°

Matching Wireline



0° Included Horizontal Angle (90°)

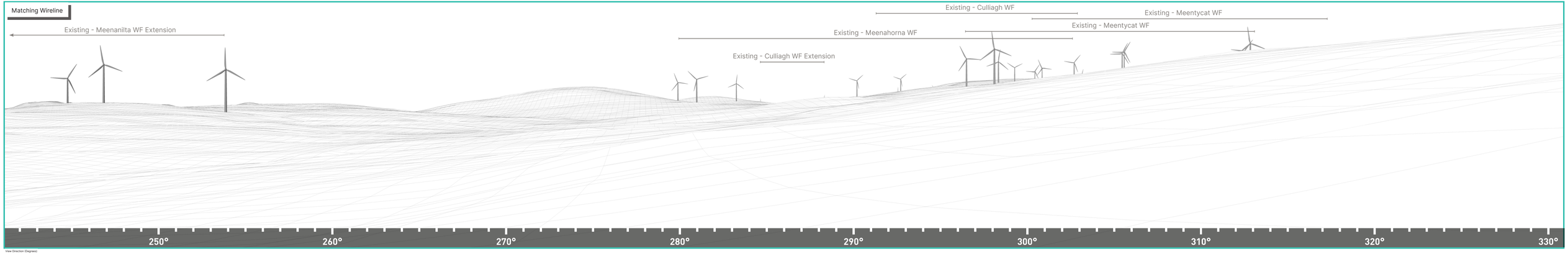
45°

90°

13B - 90 FoV - **View to north** - proposed turbines **not visible**



Matching Wireline



View Direction (Degrees)

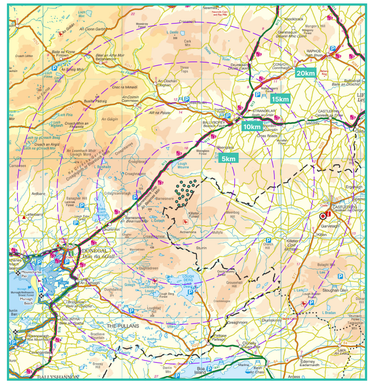
View Point 14

Castlegore

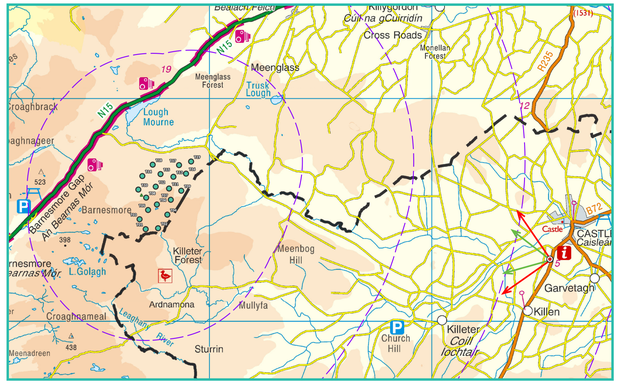
Photomontage 14

View from the B72 Class B road in the townland of Castlegore, located approximately 16.8km east of the nearest proposed turbine (T09).

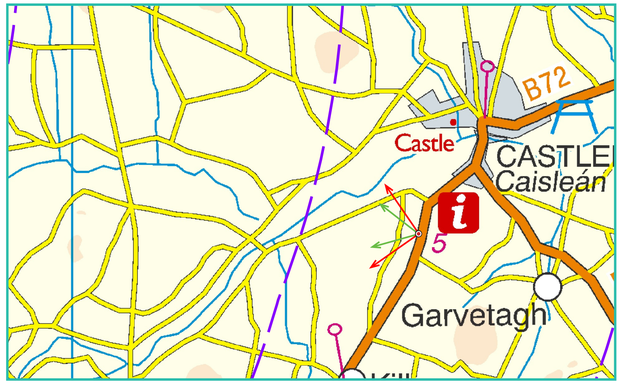
View point grid reference	E 625248 N 882789
Date of image taken	06.02.2025
Time of image taken	12:39
View point elevation	91m
Angle of Views	120° / 90° / 53.5°
View Direction (Image Centre)	280°
Turbine Hub Height	90m
Turbine Rotor Diameter	133m
Turbine Tip Height	156.5m
Montage Type	Type 4 Photomontage / 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 20km 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

Proposed Turbine Locations

Proposed Met Mast

Wireline Legend

Meenbog Wind Farm

Met Mast (80m)

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°)

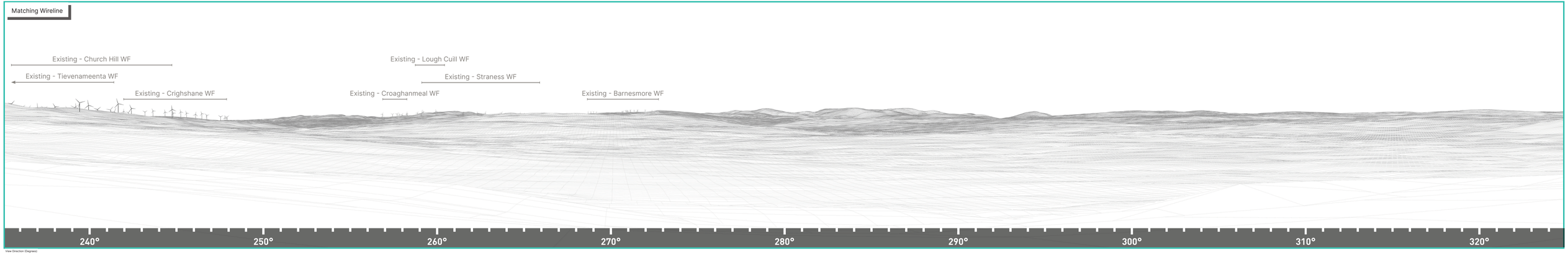
45°

90°

Existing View at 90°



Matching Wireline



View Direction (Degrees)

0° Included Horizontal Angle (90°)

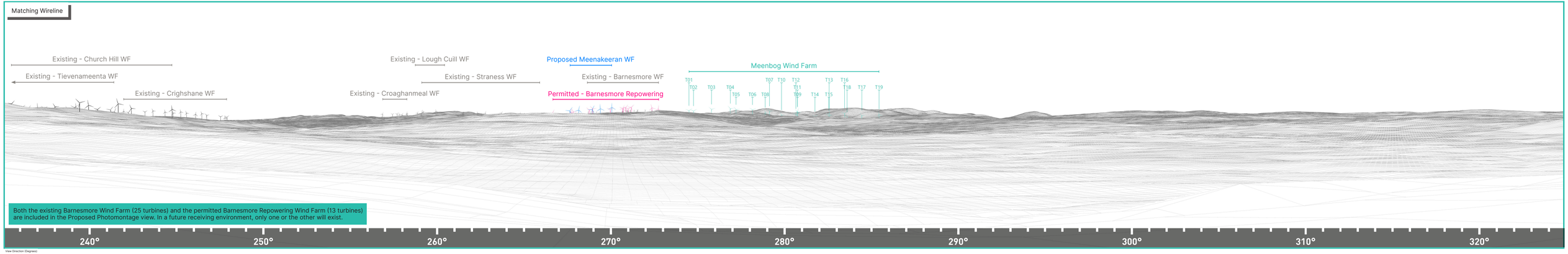
45°

90°

Proposed Photomontage with Cumulative at 90°



Matching Wireline



Both the existing Barnesmore Wind Farm (25 turbines) and the permitted Barnesmore Repowering Wind Farm (13 turbines) are included in the Proposed Photomontage view. In a future receiving environment, only one or the other will exist.

View Direction (Degrees)

0° Included Horizontal Angle (90°)

45°

90°

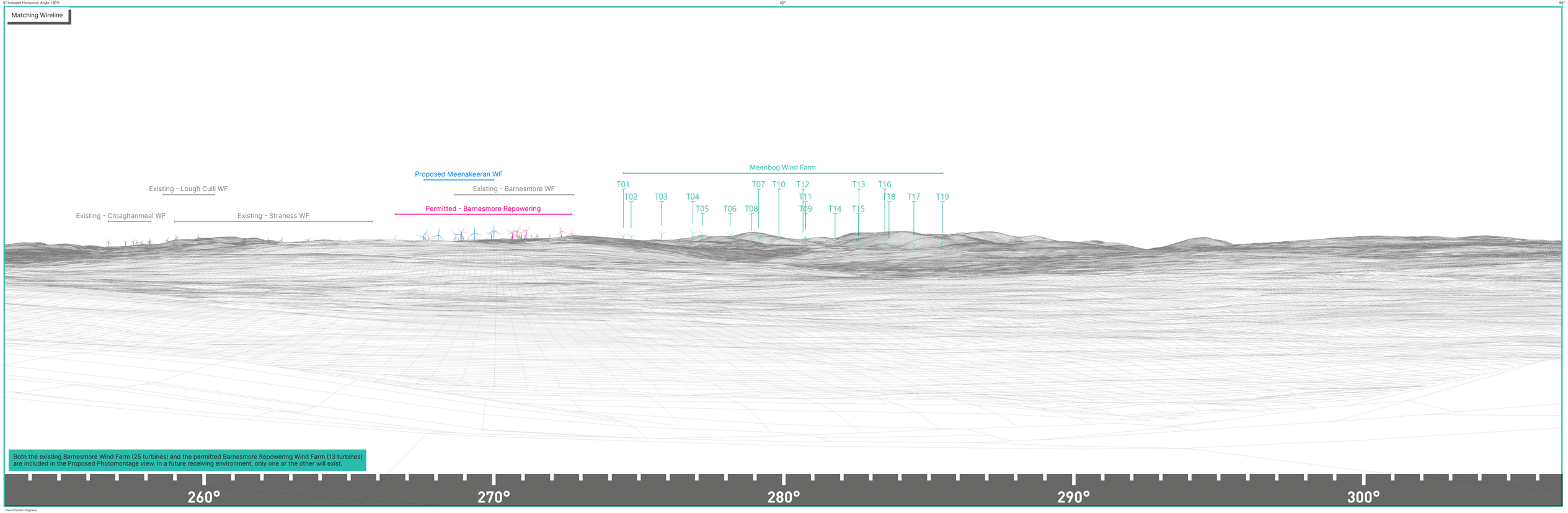
Proposed Photomontage with Cumulative at 53.5°



View Direction (Degrees)

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

Matching Wireline



Both the existing Barnesmore Wind Farm (25 turbines) and the permitted Barnesmore Repowering Wind Farm (13 turbines) are included in the Proposed Photomontage view. In a future receiving environment, only one or the other will exist.

View Direction (Degrees)

