Proposed Clonberne Wind Farm

EIAR Volume 2
Photomontage Booklet

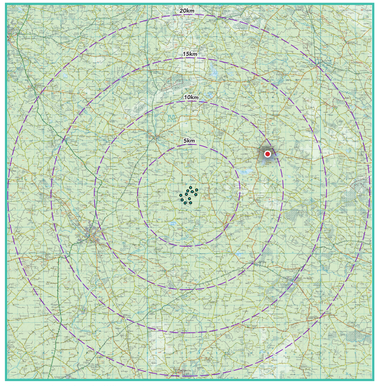
View Point 1

Mountkelly

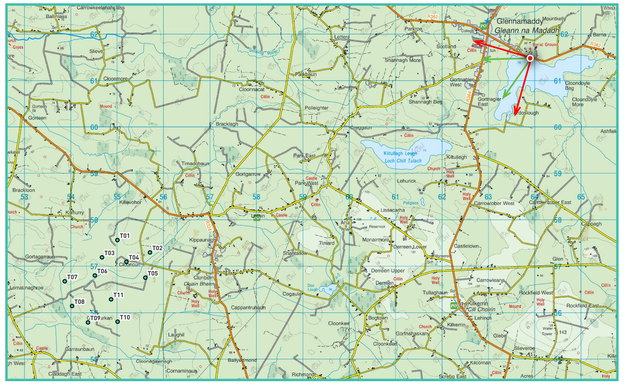
Photomontage 1

View from the Glenamaddy Turlough Picnic Area in the townland of Mountkelly. This viewpoint is the location of a designated protected view in the Galway County Development Plan 2022-2028. It is located approximately 9.2km northeast of the nearest proposed turbine.

View point grid reference	E 563869 N 761496
Date of image taken	03/11/2022
Time of image taken	11:16
View point elevation	78m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	241°
Horizontal extent of proposed turbines	9°
Distance to nearest proposed turbine	9.2km (T02)
Number of proposed turbines visible	10/11
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Montage Type	Type 4* Photomontage / Photowire /Survey / Scale Verifiable
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
Map Licence	© Ordnance Survey Ireland. All rights reserved. Licence number CYAL50267517



View point relative to 20km radius.



View point relative to 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

Wireline Legend

Proposed Wind Farm

Existing Wind Farms

Permitted Wind Farms

Other 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°)

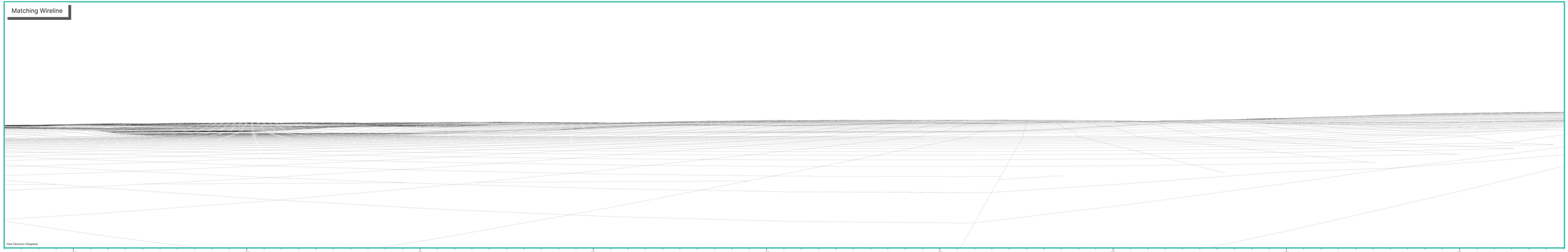
45°

90°

Existing View at 90°



Matching Wireline



0° Included Horizontal Angle (90°)

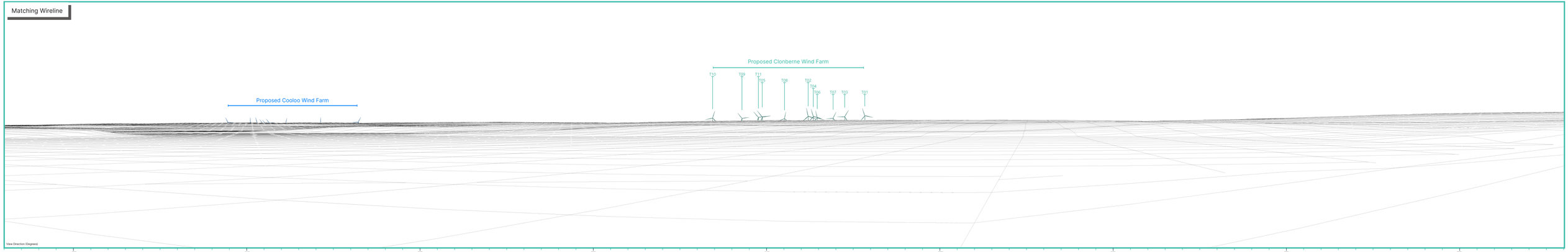
45°

90°

Proposed Photomontage with Cumulative at 90°



Matching Wireline



0° Included Horizontal Angle (53.5°)

26.5°

53.5°

Proposed Photomontage with Cumulative at 53.5°



0° Included Vertical Angle (118.2°)

97°

-82°

View Direction (Degrees)

220°

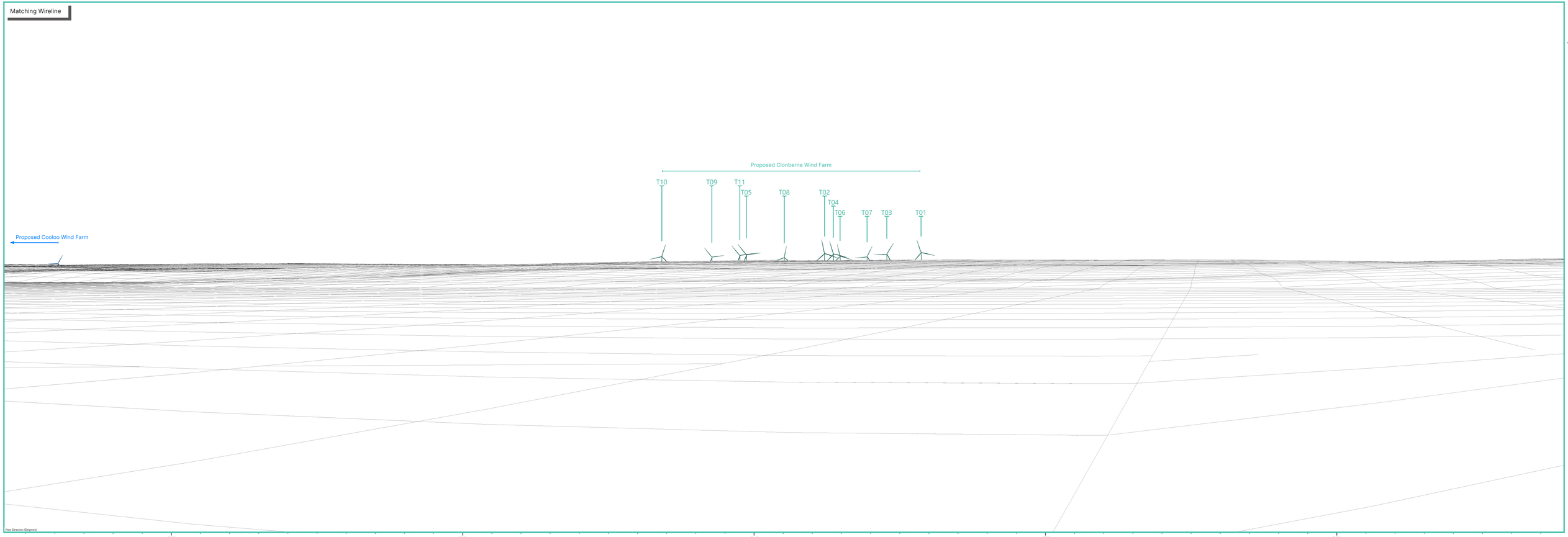
230°

240°

250°

260°

Matching Wireline



View Point 2 — Carrownaseer South

Photomontage 2

View from the R360 regional road leaving the village of Dunmore in the townland of Carrownaseer South, located approximately 7.2km from the nearest proposed turbine.

View point grid reference	E 551414 N 763846
Date of image taken	03/11/2022
Time of image taken	13:48
View point elevation	63m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	154°
Horizontal extent of proposed turbines	14°
Distance to nearest proposed turbine	7.2km (T01)
Number of proposed turbines visible	6/11
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Montage Type	Type 4* Photomontage / Photowire /Survey / Scale Verifiable
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
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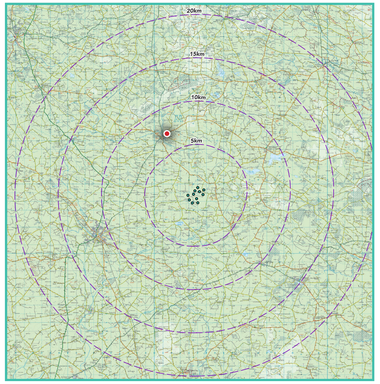
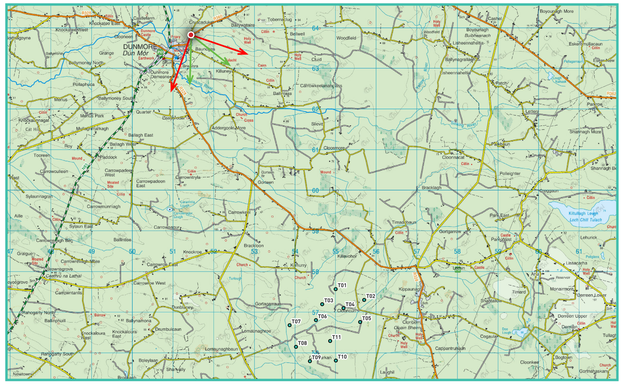
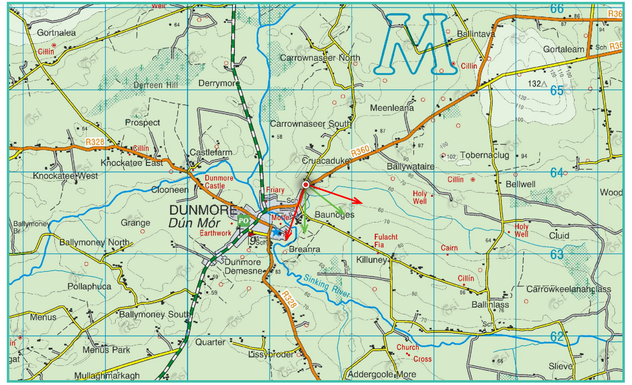


View point relative to 20km radius.



View point relative to wind farm site.



Detail of view point location.

Map Legend

Area shown in 90° view

Area shown in 53.5° view

View Point

Wireline Legend

Proposed Wind Farm

Existing Wind Farms

Permitted Wind Farms

Other Proposed Wind Farms

Prepared by

MKO
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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

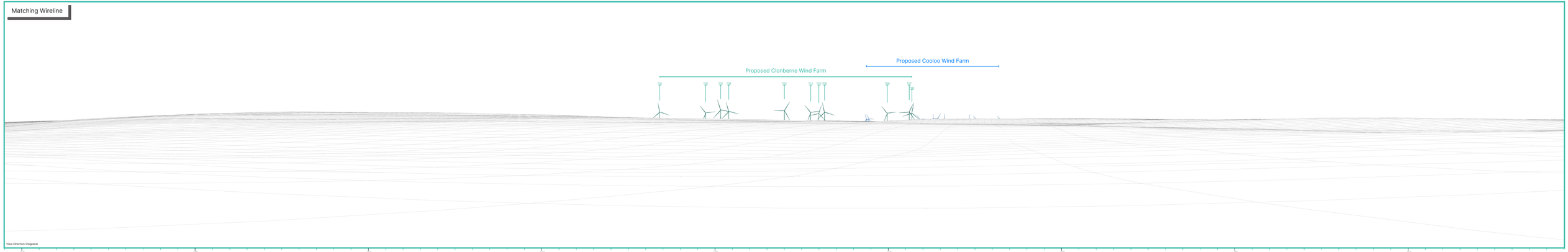


0° Included Horizontal Angle (90°) 45° 90°

Proposed Photomontage with Cumulative at 90°



Matching Wireline



0° Included Horizontal Angle (53.5°)

26.5°

53.5°

Proposed Photomontage with Cumulative at 53.5°



0° Included Vertical Angle (118.2°)

97°

82°

View Direction (Degrees)

130°

140°

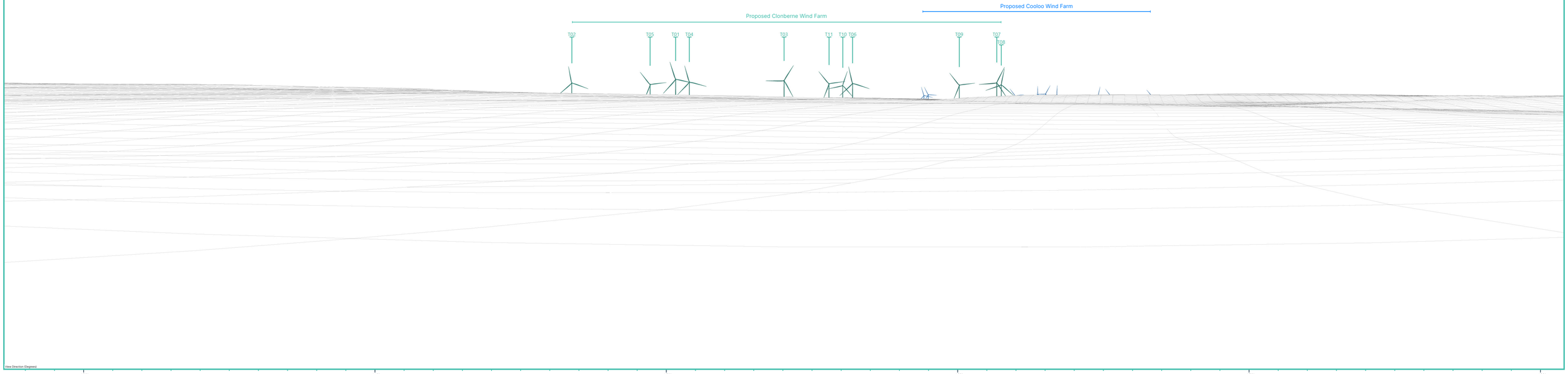
150°

160°

170°

180°

Matching Wireline



View Direction (Degrees)

130° 140° 150° 160° 170° 180°

0° Included Vertical Angle (18.2°)

97°

82.7°

View Point 3

Carrownagarraun

Photomontage 3

View from the R332 regional road on the outskirts of Tuam in the townland of Carrownagarraun, located approximately 10.3km southwest of the nearest proposed turbine.

View point grid reference	E 545142 N 750923
Date of image taken	10/11/2023
Time of image taken	16:20
View point elevation	52m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	58°
Horizontal extent of proposed turbines	8°
Distance to nearest proposed turbine	10.3m (T08)
Number of proposed turbines visible	11/11
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Montage Type	Type 4* Photomontage / Photowire /Survey / Scale Verifiable
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
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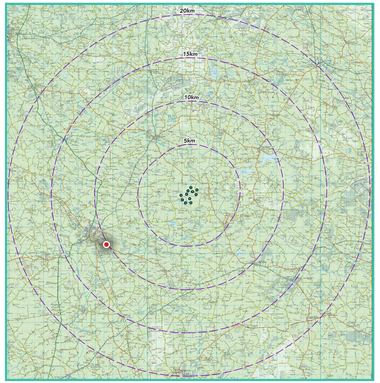
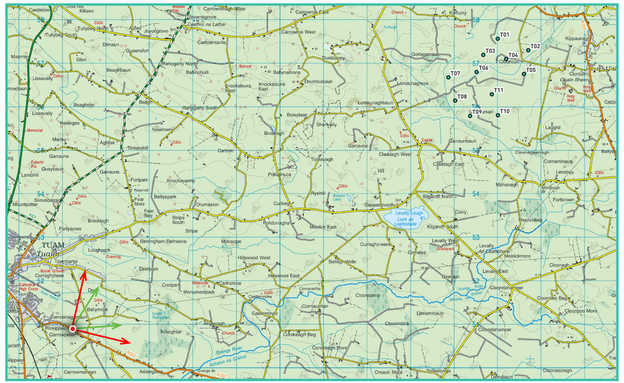


View point relative to 20km radius.



View point relative to wind farm site.


TUAM
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Togher Beg
Togher More
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Cloonsaragh
Addergoole
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Crevaghbaun
Coolrevagh
Garraun
Pollbaun
Banniskillar
Drum
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Finkipseen
Carrowmoneen
Toberjarlath
Rinkippeen
Vicarschoro
Tribbyund
Killaspicrity
Garrafoolan
Harlsthaghny
Fortyacres
Brackagh
Loughpark
Deerpark
Monumentpark
Coolpark
Cartronroe
Hillswood West
Hillswood
Castlemoyne
Anderagh
Kilmore
Holy Well
Graddoge
Moshill Site
Birmingham Demesne
Stripe South
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0° Included Horizontal Angle (90°)

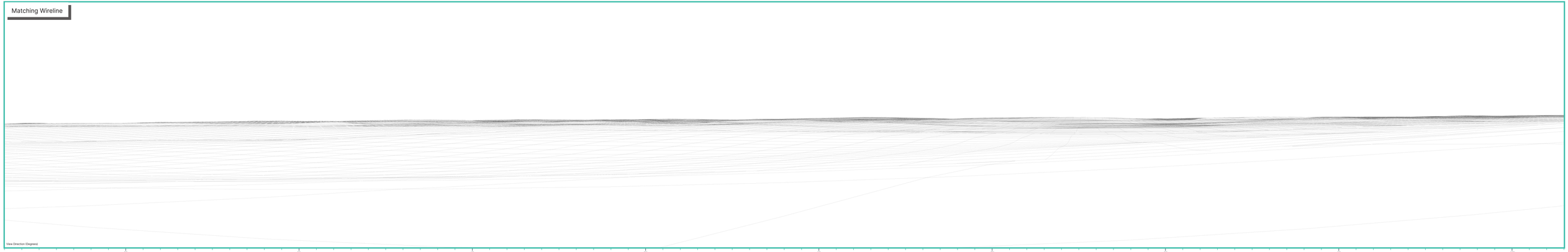
45°

90°

Existing View at 90°



Matching Wireline

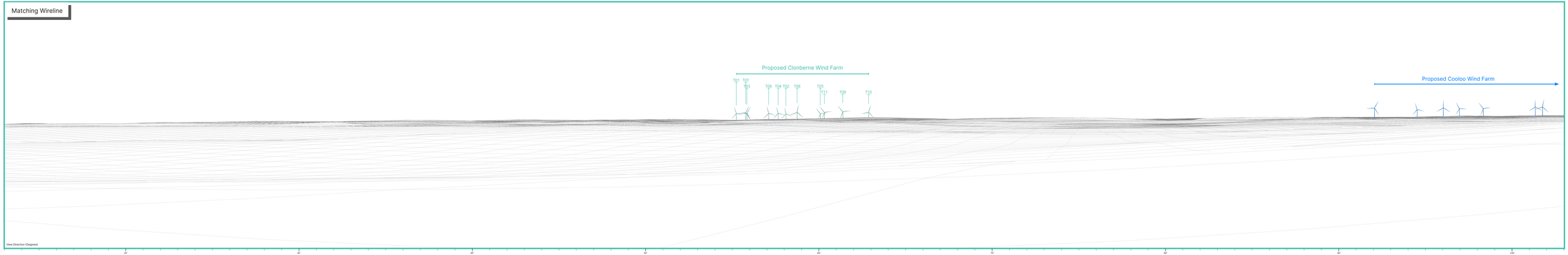


0° Included Horizontal Angle (90°) 45° 90°

Proposed Photomontage with Cumulative at 90°



Matching Wireline



0° Included Horizontal Angle (53.5°)

26.5°

53.5°

Proposed Photomontage with Cumulative at 53.5°



0° Included Vertical Angle (118.2°)

97°

82.7°

View Direction (Degrees)

40°

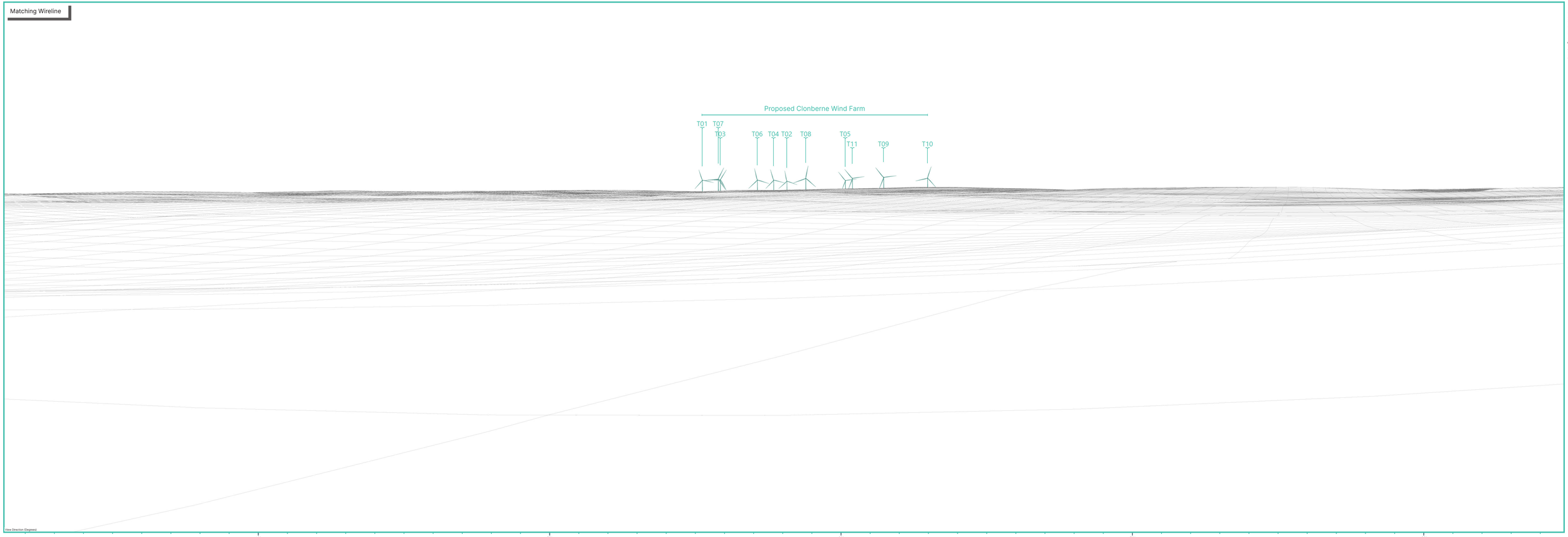
50°

60°

70°

80°

Matching Wireline



View Point 4 Pollacorragune

Photomontage 4

Views from the R332 regional road in the townland of Pollacarrogune, located approximately 13km west of the nearest proposed turbine.

View point grid reference	E 540552 N 755885
Date of image taken	04/12/2023
Time of image taken	13:34
View point elevation	47m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	86°
Horizontal extent of proposed turbines	7°
Distance to nearest proposed turbine	13km (T08)
Number of proposed turbines visible	11/11
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Montage Type	Type 4* Photomontage / Photowire /Survey / Scale Verifiable
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
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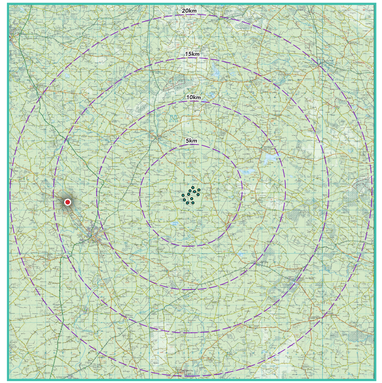


View point relative to 20km radius.


View point relative to wind farm site.



Detail of view point location.

Map Legend

Area shown in 90° view

Area shown in 53.5° view

View Point

Wireline Legend

Proposed Wind Farm

Existing Wind Farms

Permitted Wind Farms

Other 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°)

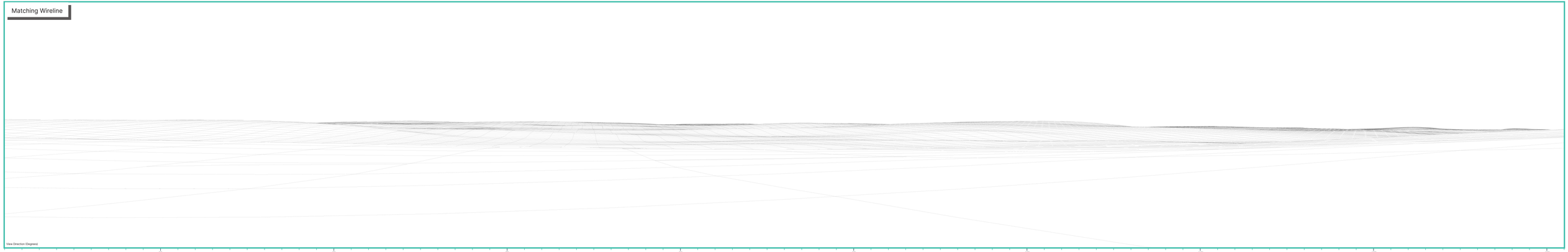
45°

90°

Existing View at 90°



Matching Wireline



0° Included Horizontal Angle (90°)

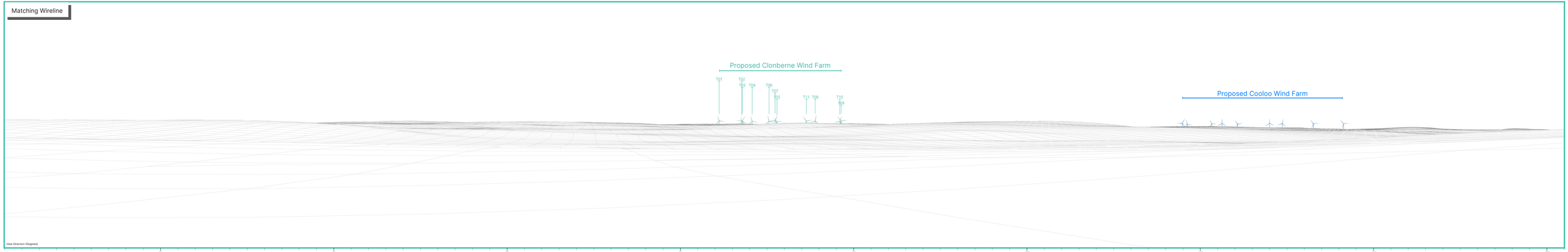
45°

90°

Proposed Photomontage with Cumulative at 90°



Matching Wireline



0° Included Horizontal Angle (53.5°)

26.5°

53.5°

Proposed Photomontage with Cumulative at 53.5°



0° Included Vertical Angle (118.2°)

97°

82°

View Direction (Degrees)

60°

70°

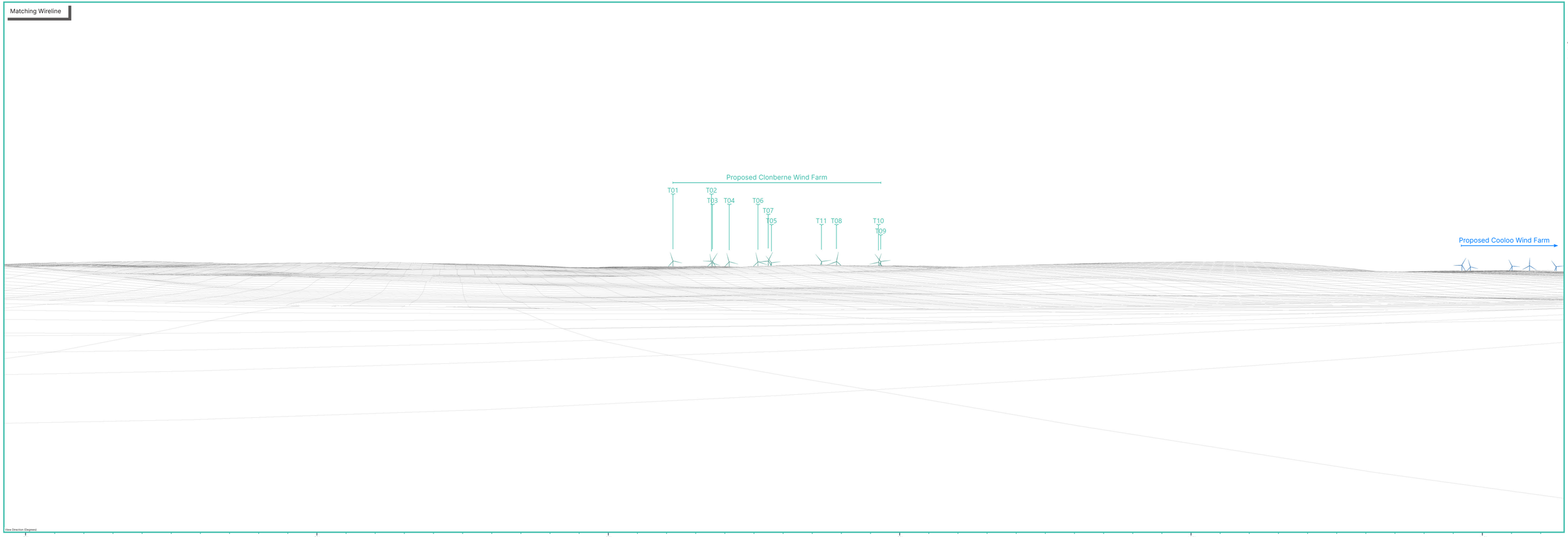
80°

90°

100°

110°

Matching Wireline



View Point 5

Timadooaun

Photomontage 5

View from a junction on the R328 regional road in the townland of Timadooaun, located approximately 1km northeast of the nearest proposed turbine.

View point grid reference	E 556316 N 758106
Date of image taken	10/11/2023
Time of image taken	11:13
View point elevation	73m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	229°
Horizontal extent of proposed turbines	40°
Distance to nearest proposed turbine	1km (T02)
Number of proposed turbines visible	11/11
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Montage Type	Type 4* Photomontage / Photowire /Survey / Scale Verifiable
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
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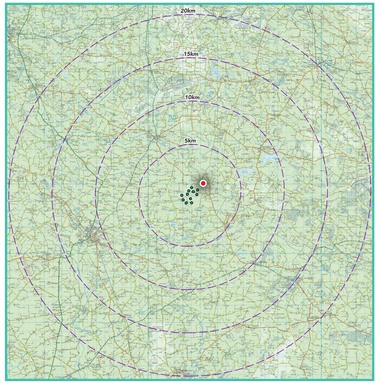
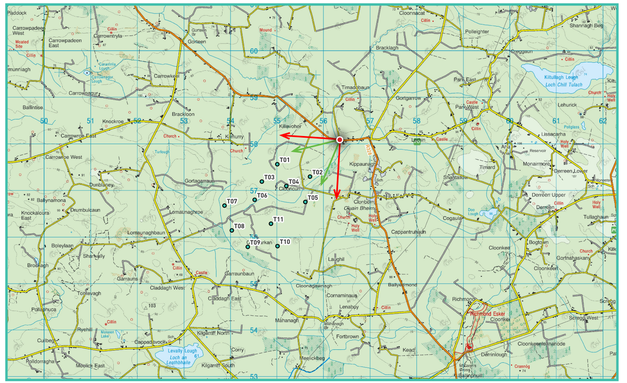
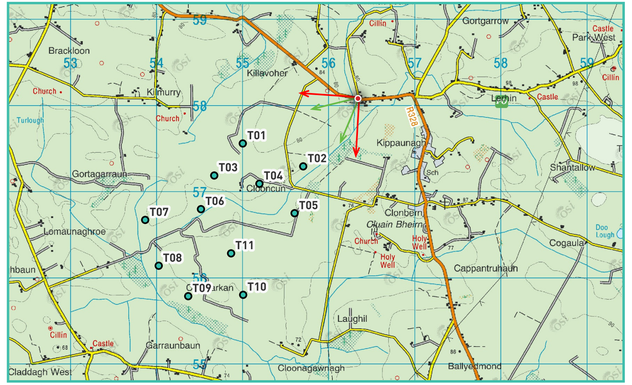


View point relative to 20km radius.



View point relative to wind farm site.



Detail of view point location.

Map Legend

Area shown in 90° view

Area shown in 53.5° view

View Point

Wireline Legend

Proposed Wind Farm

Existing Wind Farms

Permitted Wind Farms

Other 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

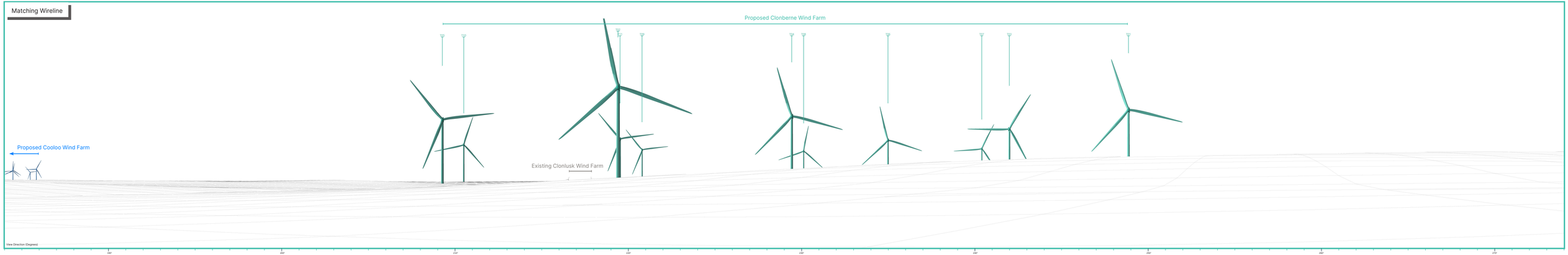


0° Included Horizontal Angle (90°) 45° 90°

Proposed Photomontage with Cumulative at 90°



Matching Wireline



0° Included Horizontal Angle (53.5°)

26.5°

53.5°

0° Included Vertical Angle (118.2°)

97°

-82°

Proposed Photomontage with Cumulative at 53.5°



View Direction (Degrees)

210°

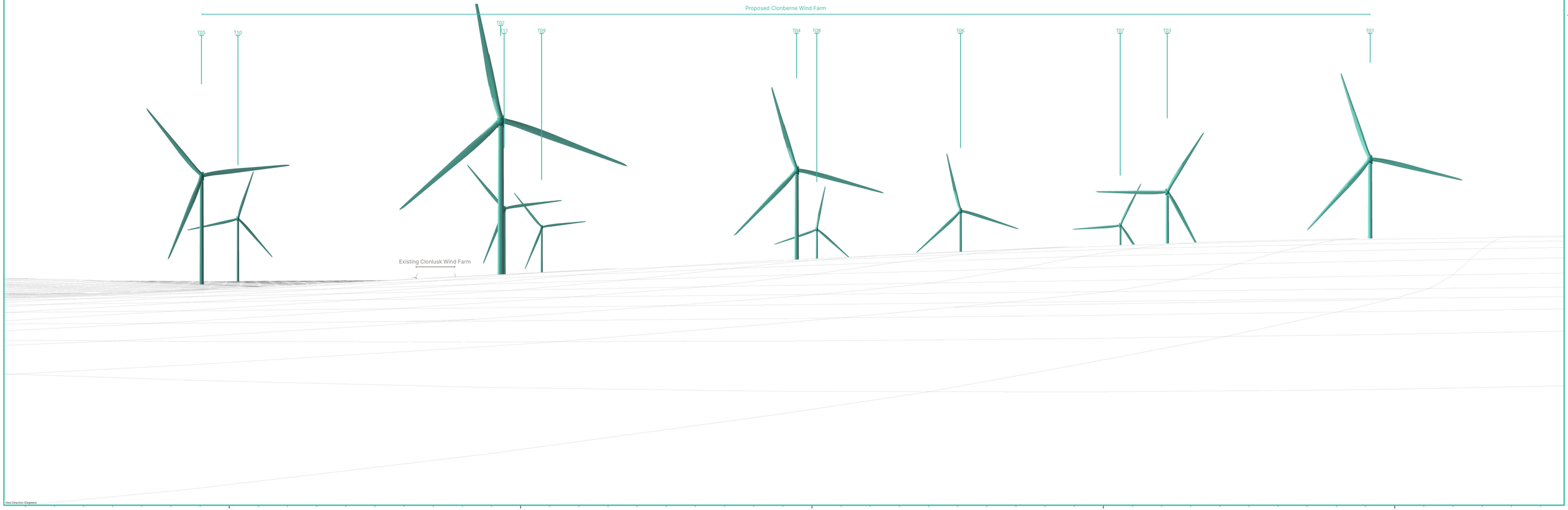
220°

230°

240°

250°

Matching Wireline



View Point 6

Kippaunagh

Photomontage 6

View from the R328 regional road outside Clonberne National School in the townland of Kippaunagh, located approximately 1.3km east of the nearest proposed turbine.

View point grid reference	E 557015 N 757198
Date of image taken	03/11/2022
Time of image taken	11:40
View point elevation	87m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	258°
Horizontal extent of proposed turbines	44°
Distance to nearest proposed turbine	1.3km (T02)
Number of proposed turbines visible	11/11
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Montage Type	Type 4* Photomontage / Photowire /Survey / Scale Verifiable
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
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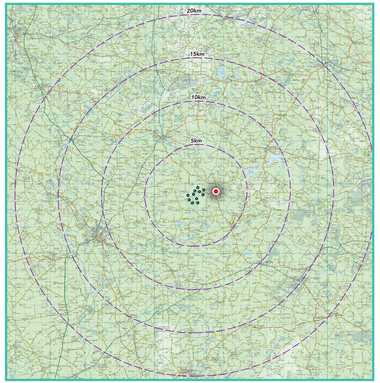
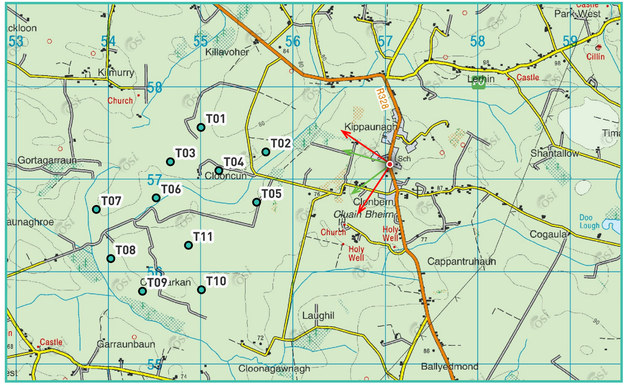


View point relative to 20km radius.



View point relative to wind farm site.



Detail of view point location.

Map Legend

Area shown in 90° view

Area shown in 53.5° view

View Point

Wireline Legend

Proposed Wind Farm

Existing Wind Farms

Permitted Wind Farms

Other Proposed Wind Farms

Prepared by

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Planning & Environmental Consultants
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90° View Extent



53.5° View Extent

0° Included Horizontal Angle (90°)

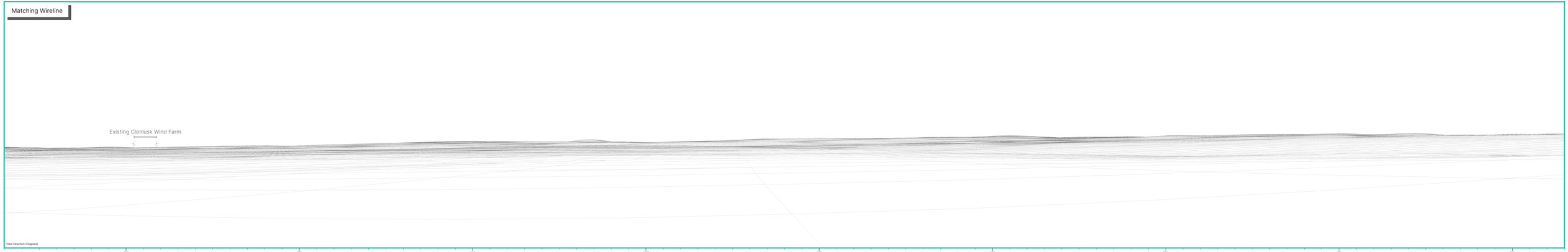
45°

90°

Existing View at 90°



Matching Wireline



0° Included Horizontal Angle (90°)

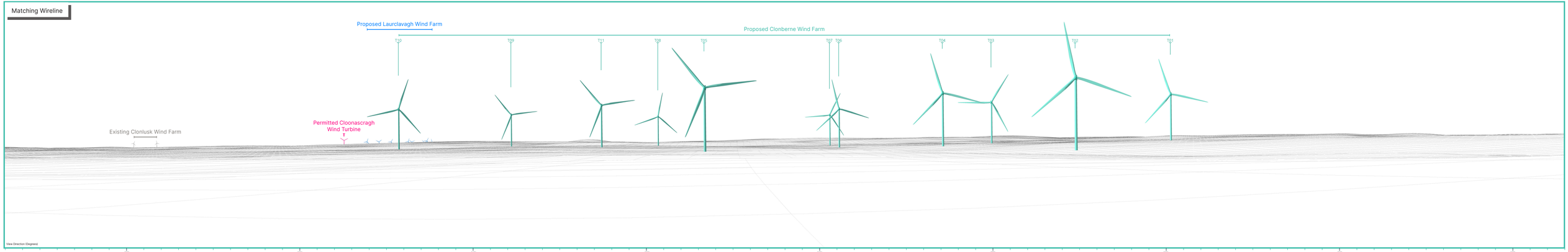
45°

90°

Proposed Photomontage with Cumulative at 90°



Matching Wireline



0° Included Horizontal Angle (53.5°)

26.5°

53.5°

Proposed Photomontage with Cumulative at 53.5°



0° Included Vertical Angle (118.2°)

97°

-82°

View Direction (Degrees)

240°

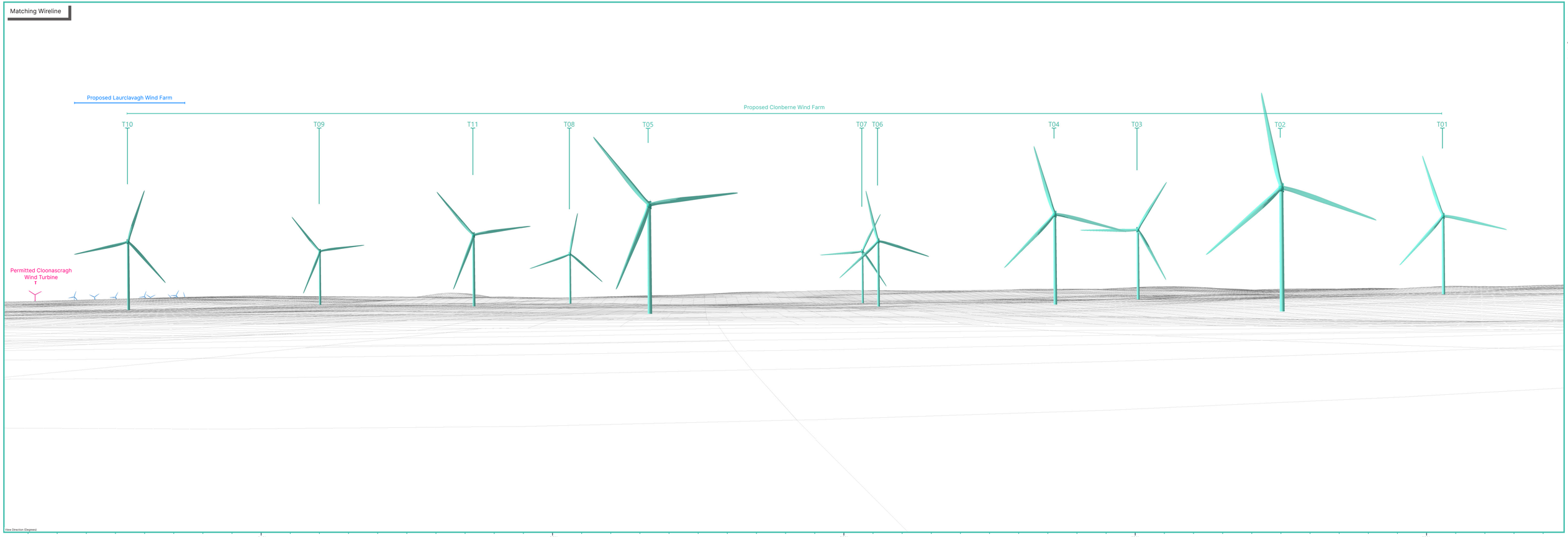
250°

260°

270°

280°

Matching Wireline



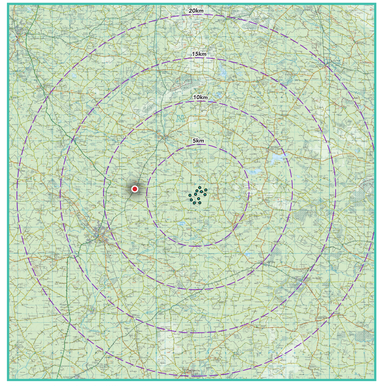
View Point 7

Rahogarty North

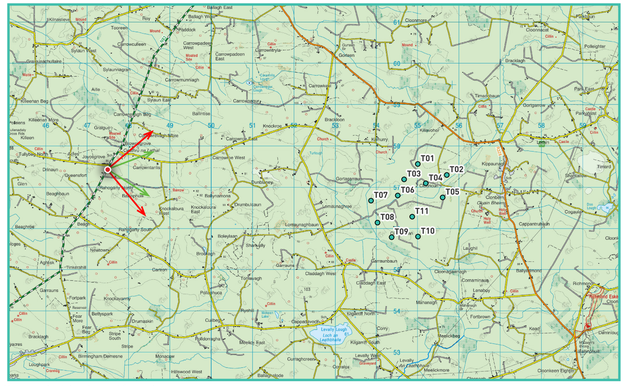
Photomontage 7

View from the N83 national road in the townland of Rahogarty North, located approximately 6.4km west of the nearest proposed turbine.

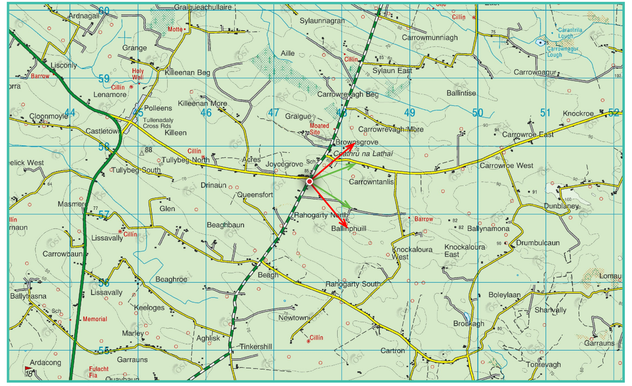
View point grid reference	E 547453 N 757451
Date of image taken	03/11/2022
Time of image taken	12:48
View point elevation	80m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	95°
Horizontal extent of proposed turbines	15°
Distance to nearest proposed turbine	6.4km (T07)
Number of proposed turbines visible	9/11
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Montage Type	Type 4* Photomontage / Photowire /Survey / Scale Verifiable
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
Map Licence	© Ordnance Survey Ireland. All rights reserved. Licence number CYAL50267517



View point relative to 20km radius.



View point relative to wind farm site.



Detail of view point location.

Map Legend

Area shown in 90° view

Area shown in 53.5° view

View Point

Wireline Legend

Proposed Wind Farm

Existing Wind Farms

Permitted Wind Farms

Other 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°)

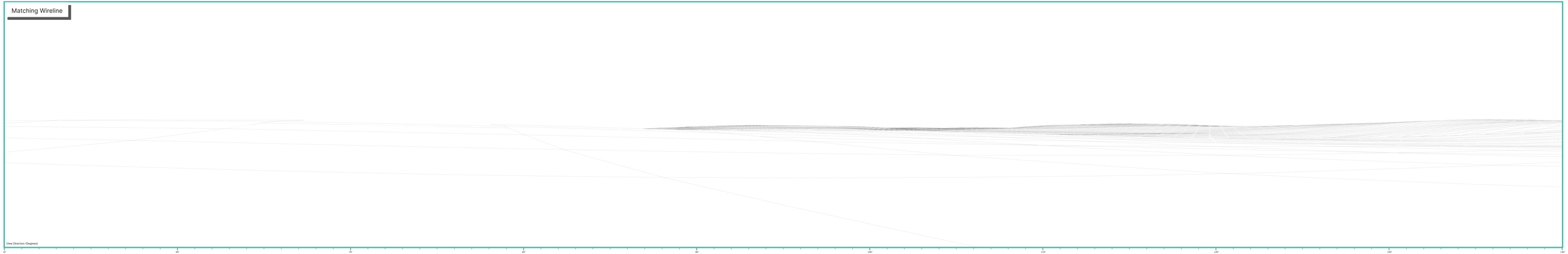
45°

90°

Existing View at 90°



Matching Wireline

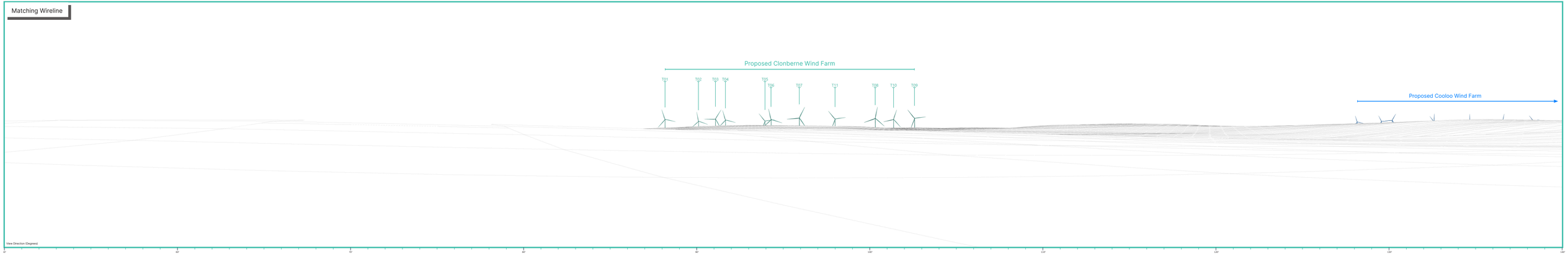


0° Included Horizontal Angle (90°) 45° 90°

Proposed Photomontage with Cumulative at 90°



Matching Wireline



0° Included Horizontal Angle (53.5°)

26.5°

53.5°

Proposed Photomontage with Cumulative at 53.5°



0° Included Vertical Angle (118.2°)

97°

-82°

View Direction (Degrees)

70°

80°

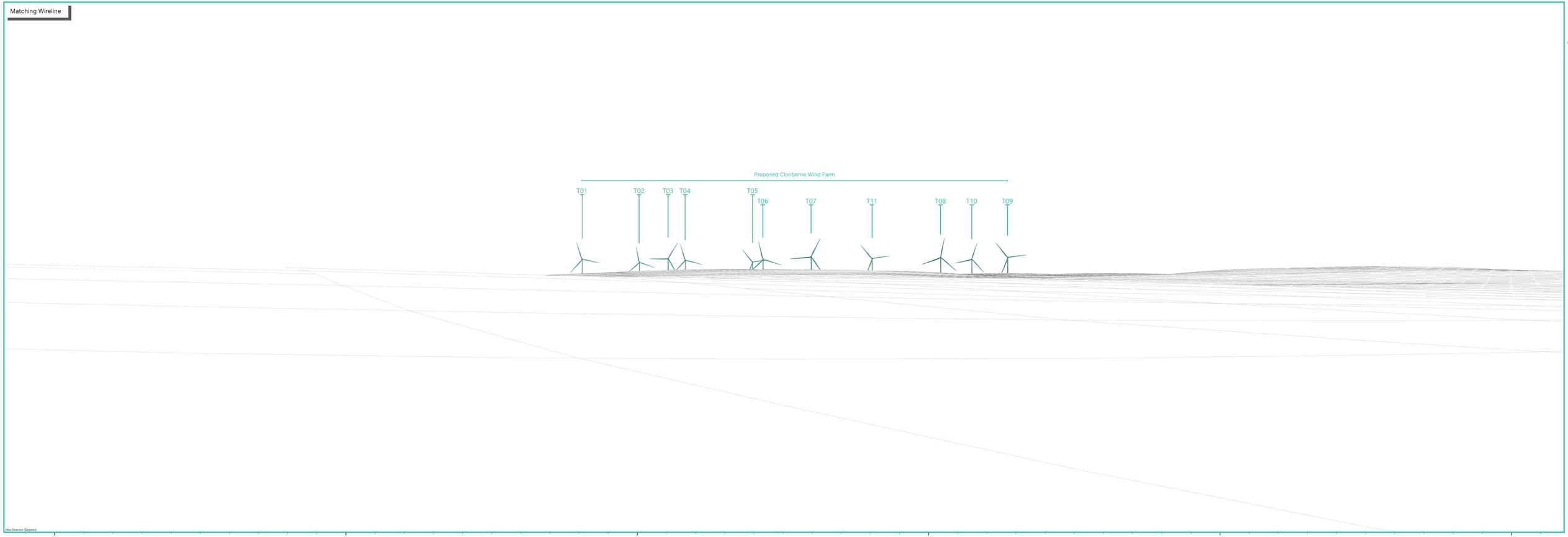
90°

100°

110°

120°

Matching Wireline



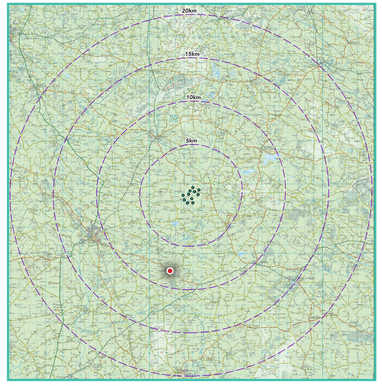
View Point 8

Knock

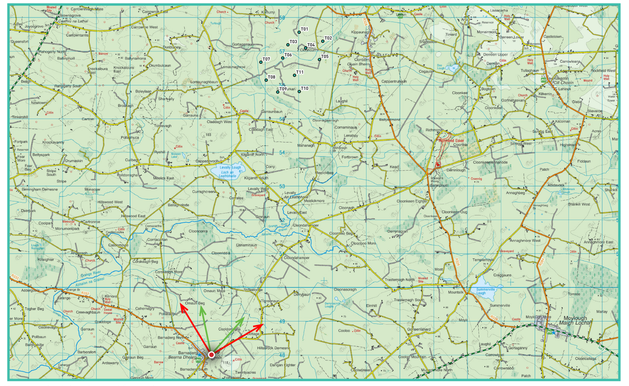
Photomontage 8

View from a local road outside of Barnaderg in the townland of Knock, located approximately 8km southwest of the nearest proposed turbine.

View point grid reference	E 552360 N 748018
Date of image taken	10/11/2023
Time of image taken	15:23
View point elevation	66m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	14°
Horizontal extent of proposed turbines	11°
Distance to nearest proposed turbine	8km (T09)
Number of proposed turbines visible	11/11
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Montage Type	Type 4* Photomontage / Photowire /Survey / Scale Verifiable
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
Map Licence	© Ordnance Survey Ireland. All rights reserved. Licence number CYAL50267517



View point relative to 20km radius.



View point relative to wind farm site.



Detail of view point location.

Map Legend

Area shown in 90° view

Area shown in 53.5° view

View Point

Wireline Legend

Proposed Wind Farm

Existing Wind Farms

Permitted Wind Farms

Other 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



0° Included Horizontal Angle (90°)

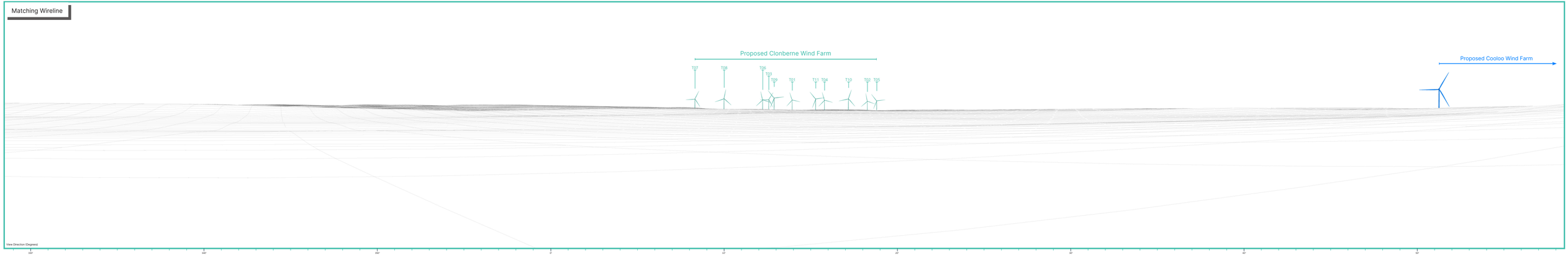
45°

90°

Proposed Photomontage with Cumulative at 90°



Matching Wireline



0° Included Horizontal Angle (53.5°)

26.5°

53.5°

Proposed Photomontage with Cumulative at 53.5°



0° Included Vertical Angle (118.2°)

97°

82°

View Direction (Degrees)

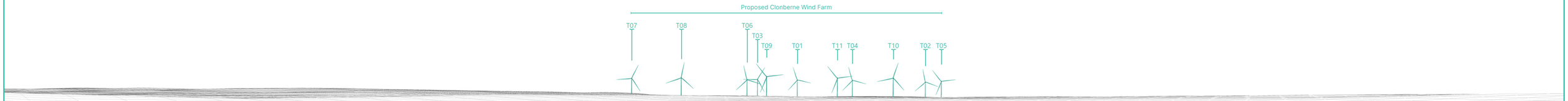
10°

20°

30°

40°

Matching Wireline



0° Included Vertical Angle (18.2°)

97°

182°

View Direction (Degrees)

10°

20°

30°

40°

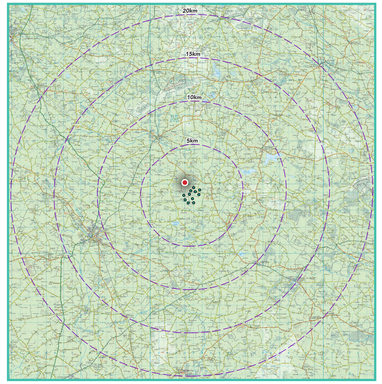
View Point 9

Kilmurry

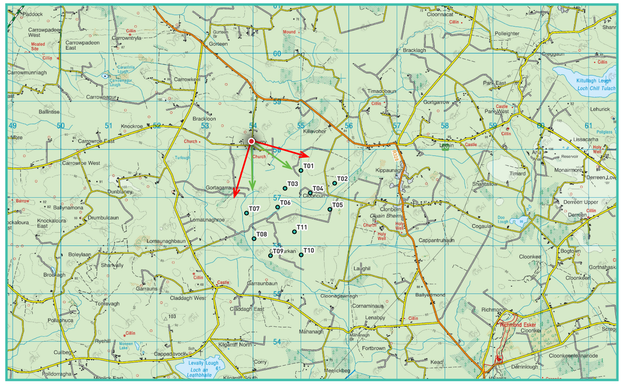
Photomontage 9

View from a local road in the townland of Kilmurry, approximately 1.2km northwest of the nearest proposed turbine.

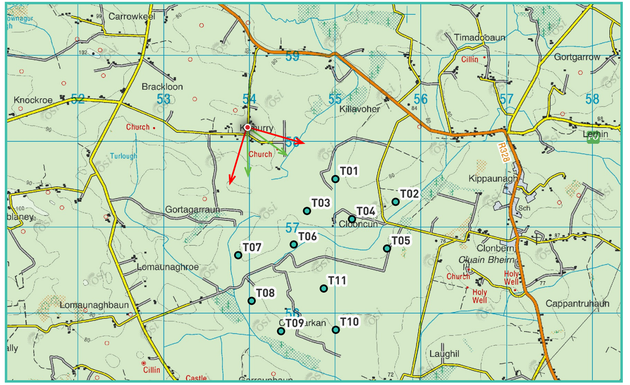
View point grid reference	E 553948 N 758198
Date of image taken	20/07/2020
Time of image taken	12:51
View point elevation	88m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	151°
Horizontal extent of proposed turbines	67°
Distance to nearest proposed turbine	1.2km (T01)
Number of proposed turbines visible	11/11
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Montage Type	Type 4* Photomontage / Photowire /Survey / Scale Verifiable
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
Map Licence	© Ordnance Survey Ireland. All rights reserved. Licence number CYAL50267517



View point relative to 20km radius.



View point relative to wind farm site.



Detail of view point location.

Map Legend

Area shown in 90° view

Area shown in 53.5° view

View Point

Wireline Legend

Proposed Wind Farm

Existing Wind Farms

Permitted Wind Farms

Other 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



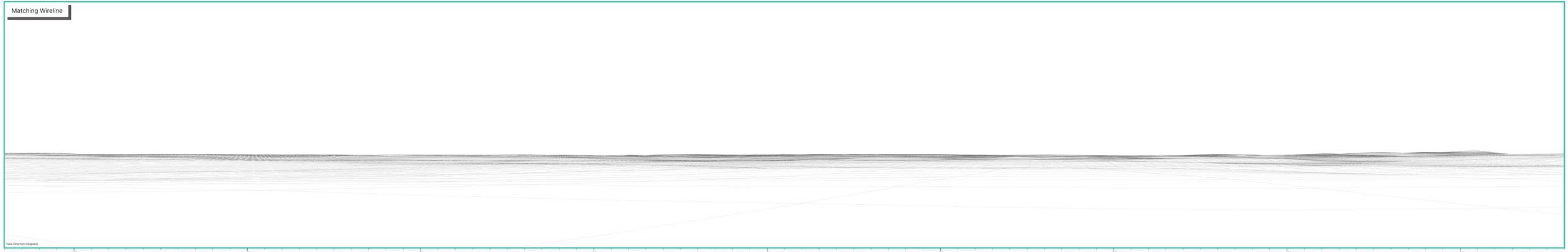
53.5° View Extent

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

Existing View at 90°



Matching Wireline

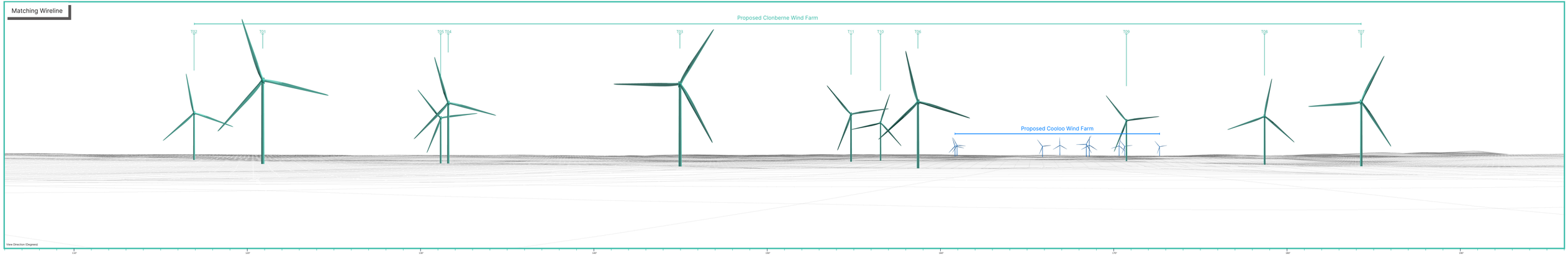


0° Included Horizontal Angle (90°) 45° 90°

Proposed Photomontage with Cumulative at 90°



Matching Wireline



0° Included Horizontal Angle (53.5°)

26.5°

53.5°

0° Included Vertical Angle (118.2°)

97°

82.2°

Proposed Photomontage with Cumulative at 53.5°



View Direction (Degrees)

130°

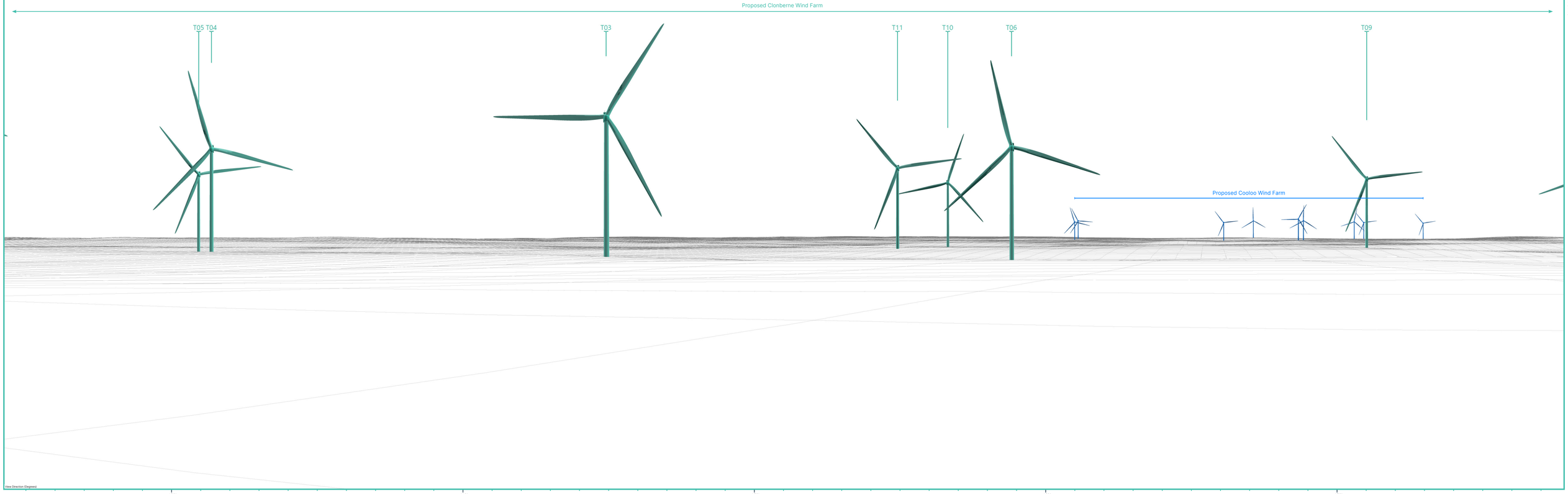
140°

150°

160°

170°

Matching Wireline



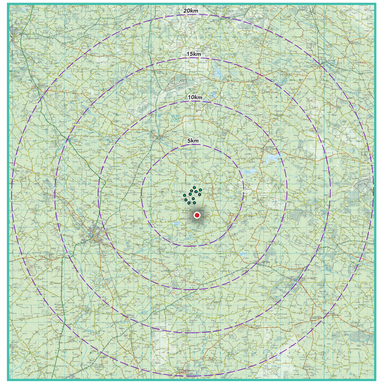
View Point 10

Mahanagh

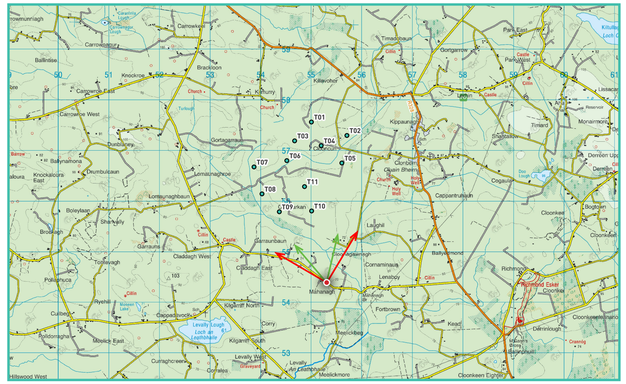
Photomontage 10

View from a local road in the townland of Mahanagh, located approximately 1.4km south of the nearest proposed turbine

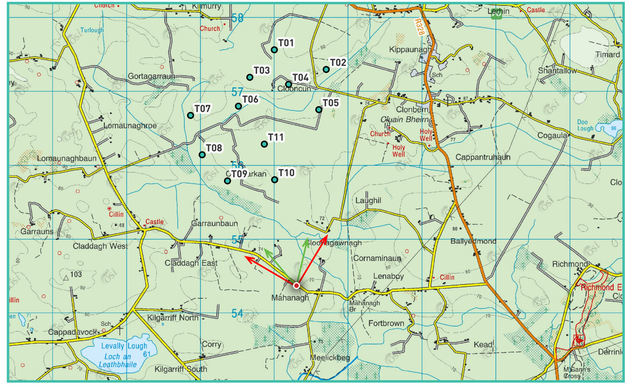
View point grid reference	E 5552767 N 754400
Date of image taken	03/11/2022
Time of image taken	11:59
View point elevation	69m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	345°
Horizontal extent of proposed turbines	43°
Distance to nearest proposed turbine	1.4km (T10)
Number of proposed turbines visible	11/11
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Montage Type	Type 4* Photomontage / Photowire /Survey / Scale Verifiable
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
Map Licence	© Ordnance Survey Ireland. All rights reserved. Licence number CYAL50267517



View point relative to 20km radius.



View point relative to wind farm site.



Detail of view point location.

Map Legend

Area shown in 90° view

Area shown in 53.5° view

View Point

Wireline Legend

Proposed Wind Farm

Existing Wind Farms

Permitted Wind Farms

Other Proposed Wind Farms

Prepared by

MKO
Planning & Environmental Consultants
Tuam Road, Galway.

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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°)

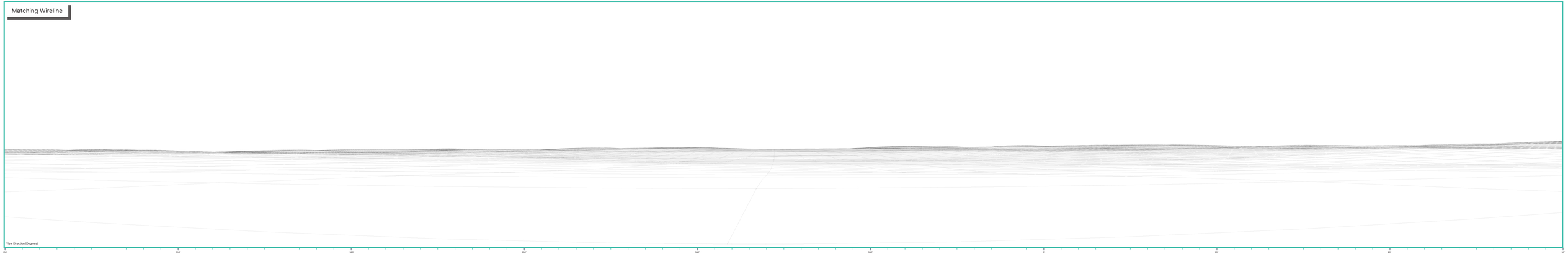
45°

90°

Existing View at 90°



Matching Wireline



0° Included Horizontal Angle (90°)

45°

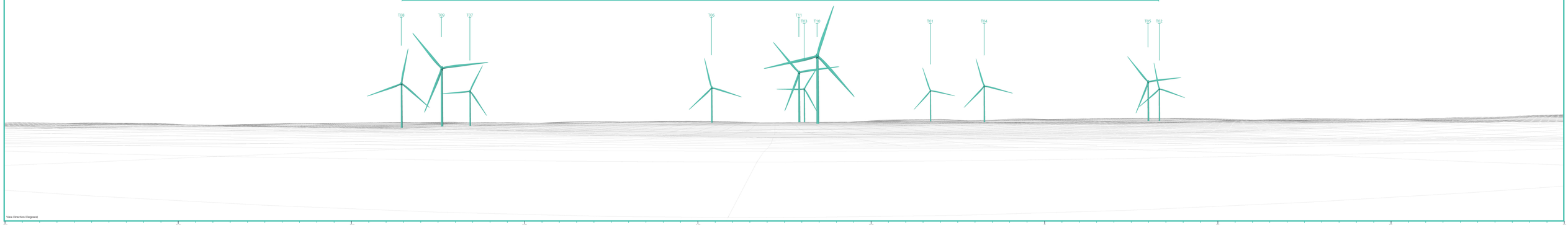
90°

Proposed Photomontage with Cumulative at 90°



Matching Wireline

Proposed Clonberne Wind Farm



0° Included Horizontal Angle (53.5°)

26.5°

53.5°

Proposed Photomontage with Cumulative at 53.5°



0° Included Vertical Angle (118.2°)

97°

-82°

View Direction (Degrees)

320°

330°

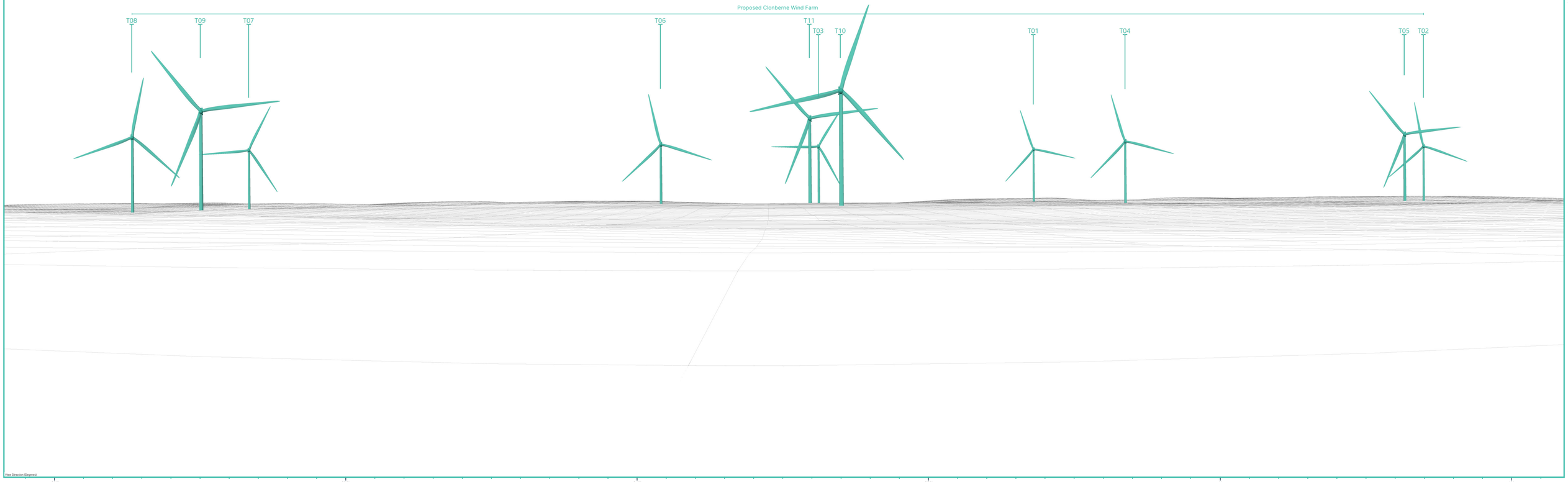
340°

350°

0°

10°

Matching Wireline



View Direction (Degrees)

320° 330° 340° 350° 0° 10°

0° Included Vertical Angle (18.2°)

97°

82.2°

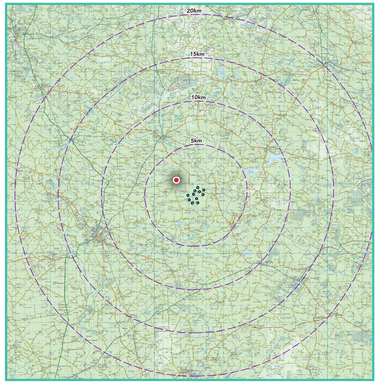
View Point 11

Knockroe

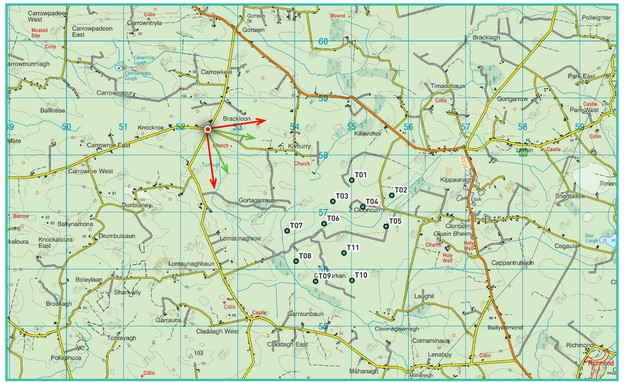
Photomontage 11

View from a crossroad of two local roads in the townland of Knockroe, located approximately 2.2km northwest from the nearest proposed turbine.

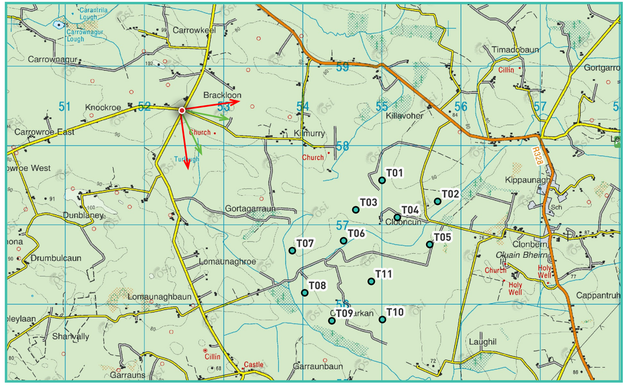
View point grid reference	E 552444 N 758467
Date of image taken	03/11/2022
Time of image taken	13:16
View point elevation	87m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	127°
Horizontal extent of proposed turbines	37°
Distance to nearest proposed turbine	2.2km (T07)
Number of proposed turbines visible	9/11
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Montage Type	Type 4* Photomontage / Photowire /Survey / Scale Verifiable
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
Map Licence	© Ordnance Survey Ireland. All rights reserved. Licence number CYAL50267517



View point relative to 20km radius.



View point relative to wind farm site.



Detail of view point location.

Map Legend

Area shown in 90° view

Area shown in 53.5° view

View Point

Wireline Legend

Proposed Wind Farm

Existing Wind Farms

Permitted Wind Farms

Other Proposed Wind Farms

Prepared by

MKO
Planning & Environmental Consultants
Tuam Road, Galway.

Tel: (091) 73 56 11
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Website: www.mkoireland.ie

90° View Extent

Key Image at 120°



53.5° View Extent

0° Included Horizontal Angle (90°)

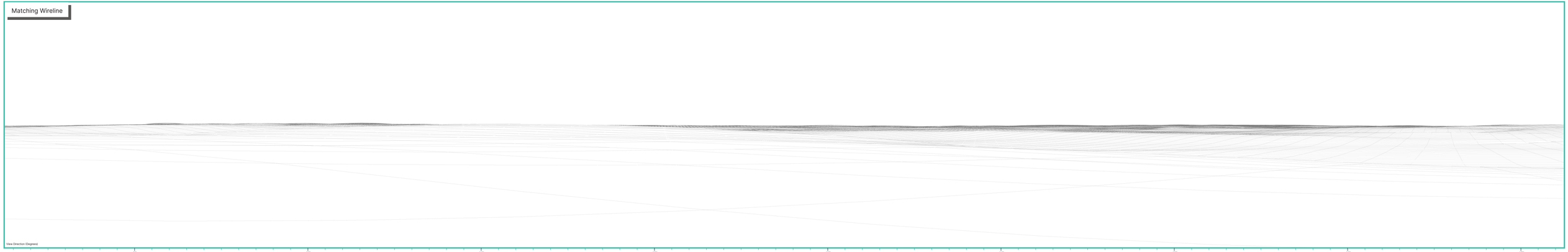
45°

90°

Existing View at 90°



Matching Wireline



0° Included Horizontal Angle (90°)

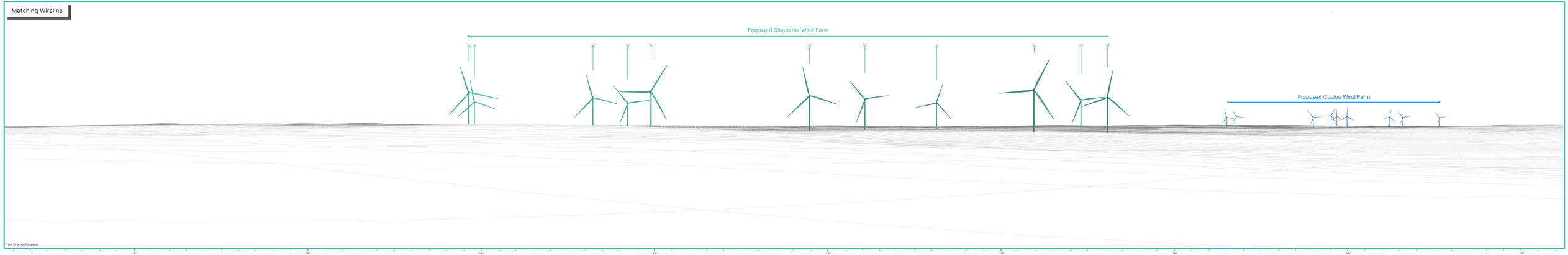
45°

90°

Proposed Photomontage with Cumulative at 90°



Matching Wireline



0° Included Horizontal Angle (53.5°)

26.5°

53.5°

0° Included Vertical Angle (118.2°)

97°

82.7°

Proposed Photomontage with Cumulative at 53.5°



View Direction Diagram

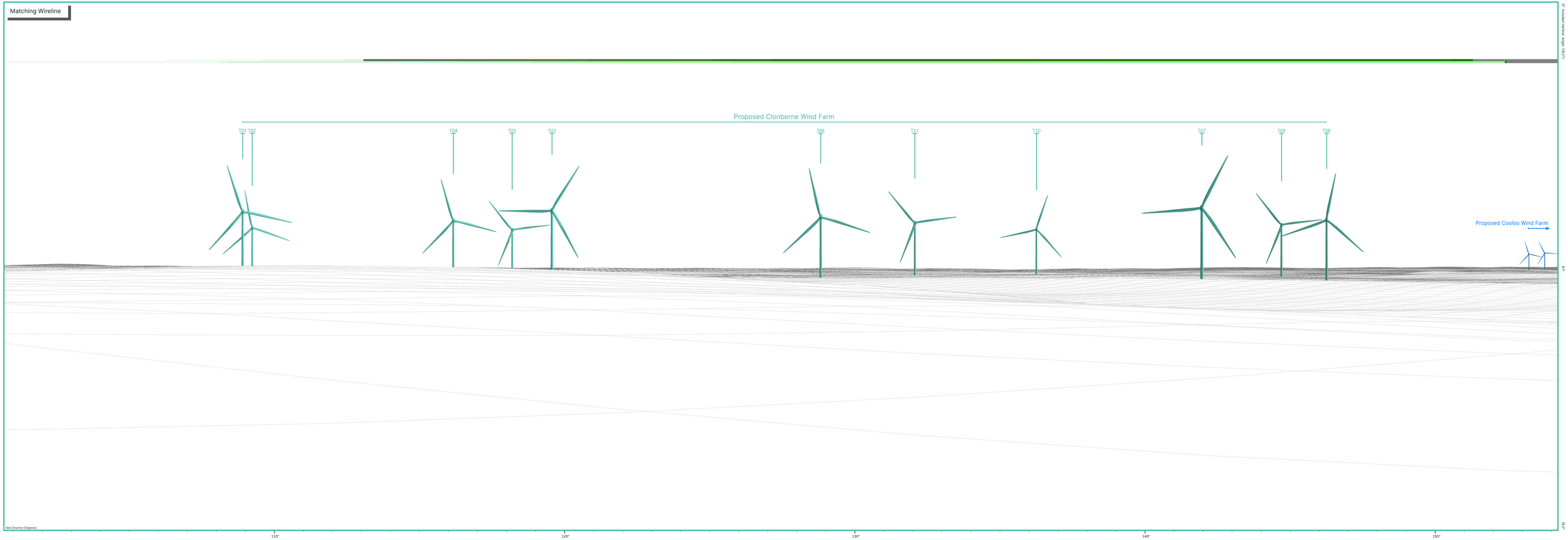
110°

120°

130°

140°

150°


Matching Wireline
Proposed Clonberne Wind Farm
T01
T02
T04
T05
T03
T06
T11
T10
T07
T09
T08
Proposed Cooloo Wind Farm
View Direction (Degrees)
110°
120°
130°
140°
150°

View Point 12

Gorteen

Photomontage 12

View from the R328 regional road in the townland of Gorteen, located approximately 3.3km north-west of the nearest proposed turbine.

View point grid reference	E 552891 N 760255
Date of image taken	03.11.2022
Time of image taken	13:29
View point elevation	72m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	150°
Horizontal extent of proposed turbines	28°
Distance to nearest proposed turbine	3.3km (T1)
Number of proposed turbines visible	8/11
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Montage Type	Type 4* Photomontage / Photowire /Survey / Scale Verifiable
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
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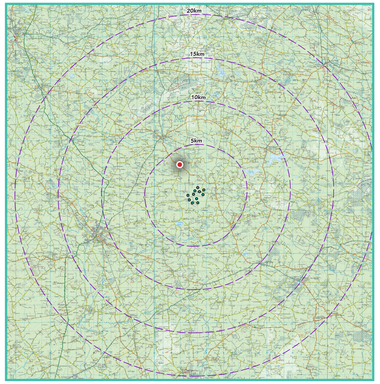
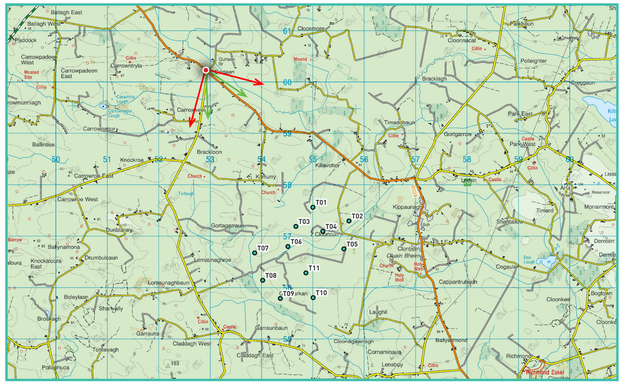
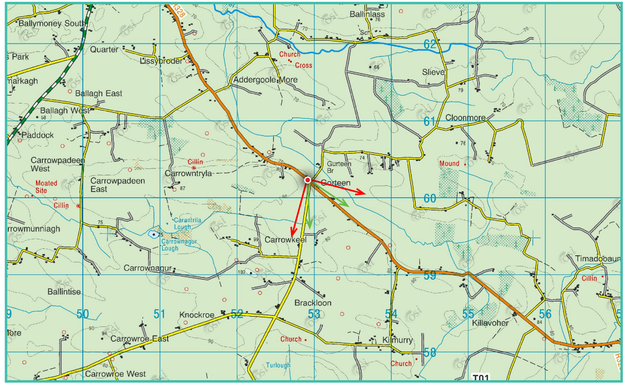


View point relative to 20km radius.



View point relative to wind farm site.



Detail of view point location.

Map Legend

Area shown in 90° view

Area shown in 53.5° view

View Point

Wireline Legend

Proposed Wind Farm

Existing Wind Farms

Permitted Wind Farms

Other Proposed Wind Farms

Prepared by

MKO
Planning & Environmental Consultants
Tuam Road, Galway.

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Website: www.mkoireland.ie

90° View Extent



53.5° View Extent

0° Included Horizontal Angle (90°)

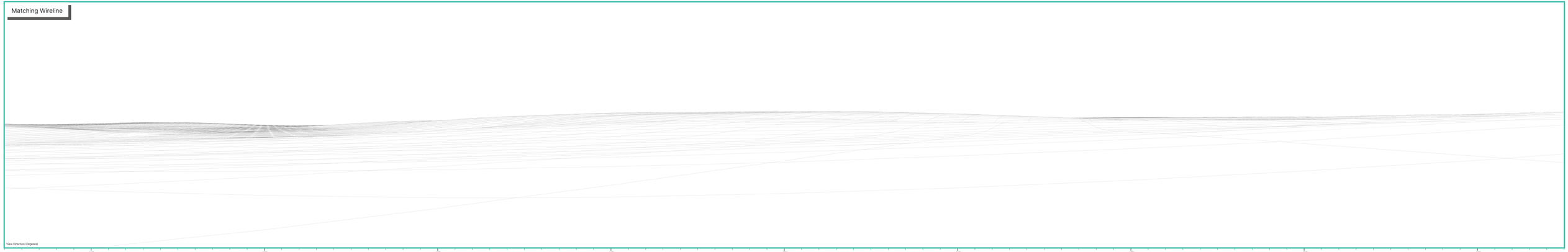
45°

90°

Existing View at 90°



Matching Wireline



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

Proposed Photomontage with Cumulative at 90°



Matching Wireline



0° Included Horizontal Angle (53.5°)

26.5°

53.5°

0° Included Vertical Angle (118.2°)

87°

-82°

Proposed Photomontage with Cumulative at 53.5°



View Direction (Degrees)

130°

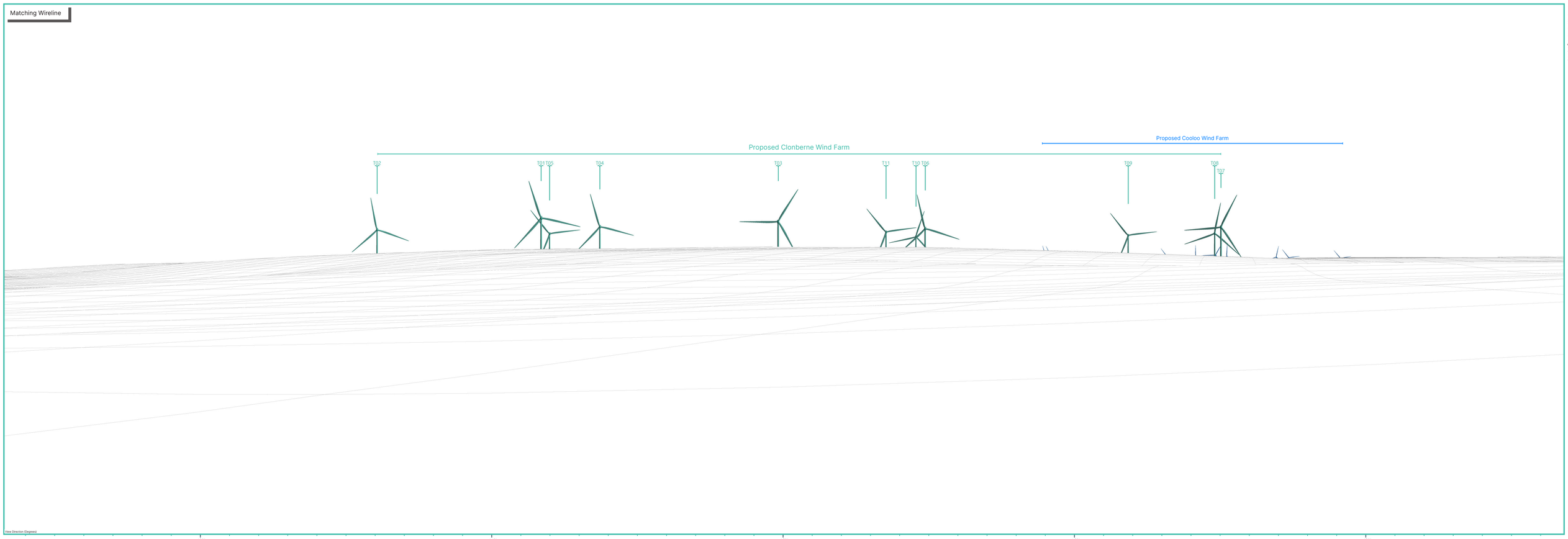
140°

150°

160°

170°

Matching Wireline



View Point 13

Cashel

Photomontage 13

Views from the R362 regional road in the townland of Cashel, located approximately 7.6km northeast of the nearest proposed turbine.

View point grid reference	E 558973 N 764006
Date of image taken	10/11/2023
Time of image taken	10:05
View point elevation	92m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	210°
Horizontal extent of proposed turbines	10°
Distance to nearest proposed turbine	7.6km (T02)
Number of proposed turbines visible	11/11
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Montage Type	Type 4* Photomontage / Photowire /Survey / Scale Verifiable
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
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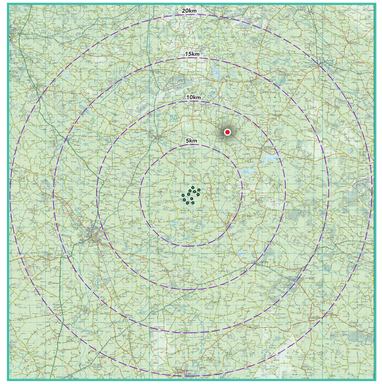
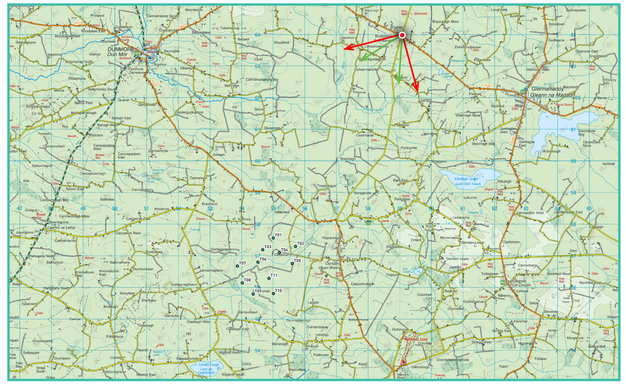
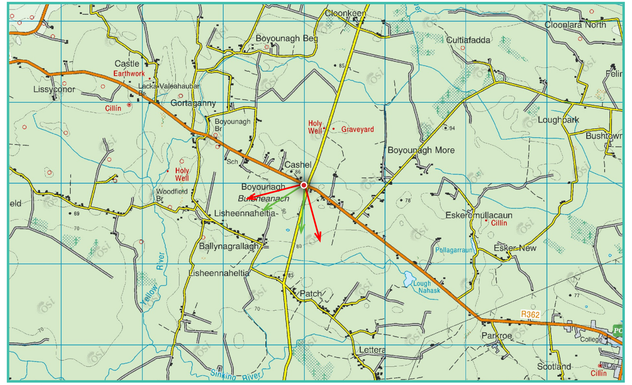


View point relative to 20km radius.



View point relative to wind farm site.



Detail of view point location.

Map Legend

Area shown in 90° view

Area shown in 53.5° view

View Point

Wireline Legend

Proposed Wind Farm

Existing Wind Farms

Permitted Wind Farms

Other Proposed Wind Farms

Prepared by

MKO
Planning & Environmental Consultants
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Website: www.mkoireland.ie

90° View Extent



53.5° View Extent

0° Included Horizontal Angle (90°)

45°

90°

Existing View at 90°



Matching Wireline



0° Included Horizontal Angle (90°)

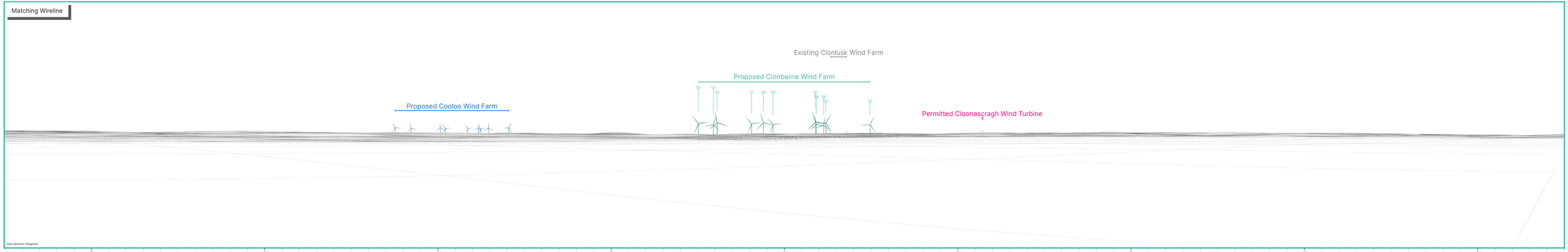
45°

90°

Proposed Photomontage with Cumulative at 90°



Matching Wireline



0° Included Horizontal Angle (53.5°)

26.5°

53.5°

Proposed Photomontage with Cumulative at 53.5°



0° Included Vertical Angle (118.2°)

97°

-82°

View Direction (Degrees)

190°

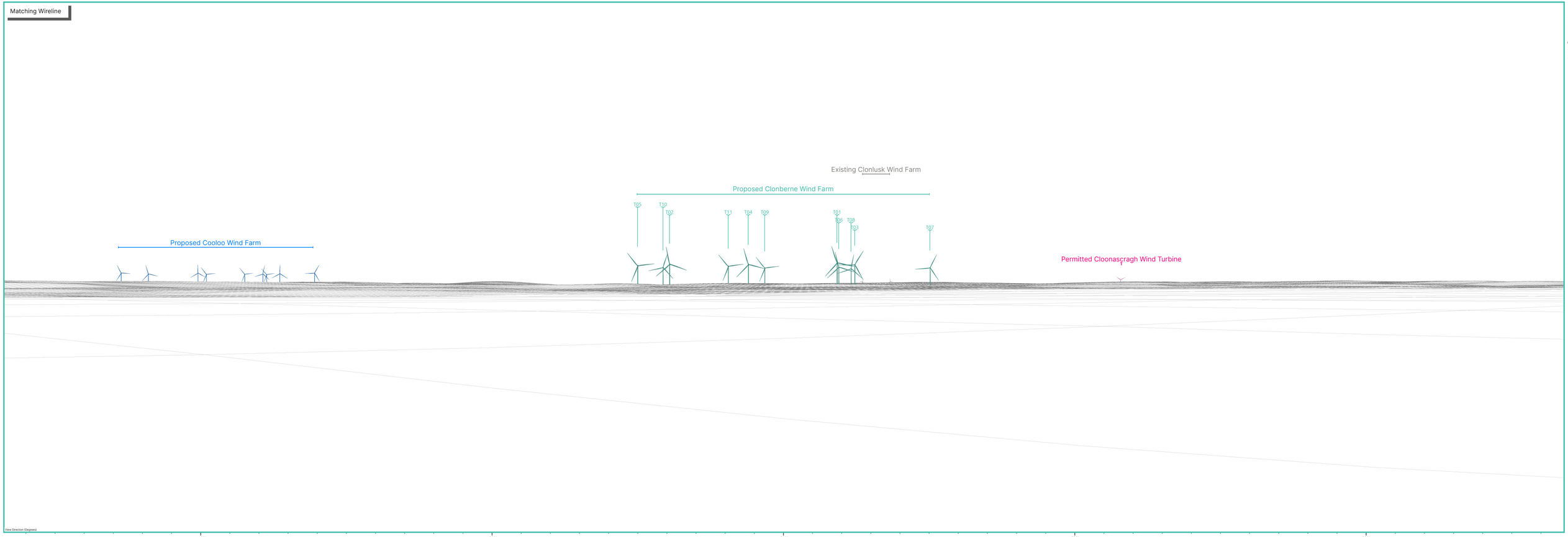
200°

210°

220°

230°

Matching Wireline



View Point 14

Cloonmweelaun

Photomontage 14

Views from the R339 regional road opposite the Menlough GAA pitch in the townland of Cloonmweelaun, located approximately 14.7km southeast of the nearest proposed turbine.

View point grid reference	E 560863 N 741733
Date of image taken	10/11/2023
Time of image taken	14:49
View point elevation	91m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	337°
Horizontal extent of proposed turbines	7°
Distance to nearest proposed turbine	14.7km (Tx)
Number of proposed turbines visible	10/11
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Montage Type	Type 4* Photomontage / Photowire /Survey / Scale Verifiable
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
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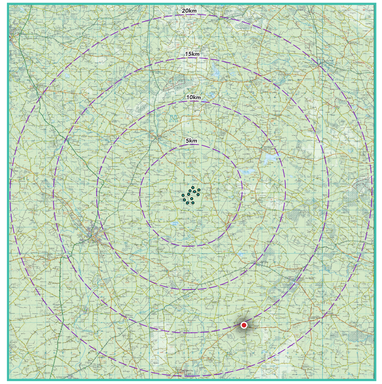
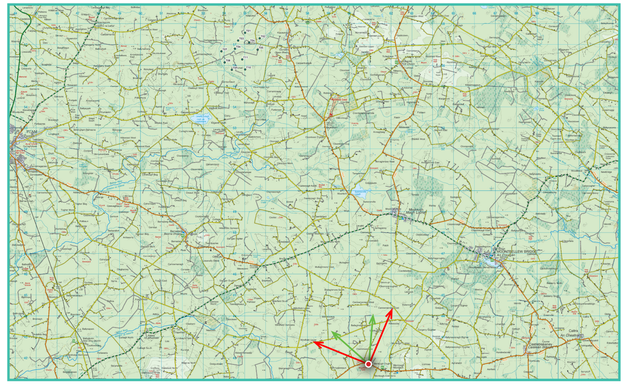
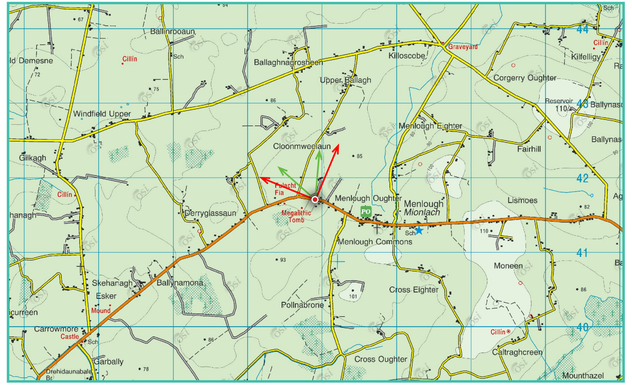


View point relative to 20km radius.


View point relative to wind farm site.



Detail of view point location.

Map Legend

Area shown in 90° view

Area shown in 53.5° view

View Point

Wireline Legend

Proposed Wind Farm

Existing Wind Farms

Permitted Wind Farms

Other Proposed Wind Farms

Prepared by

MKO
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Website: www.mkoireland.ie

90° View Extent



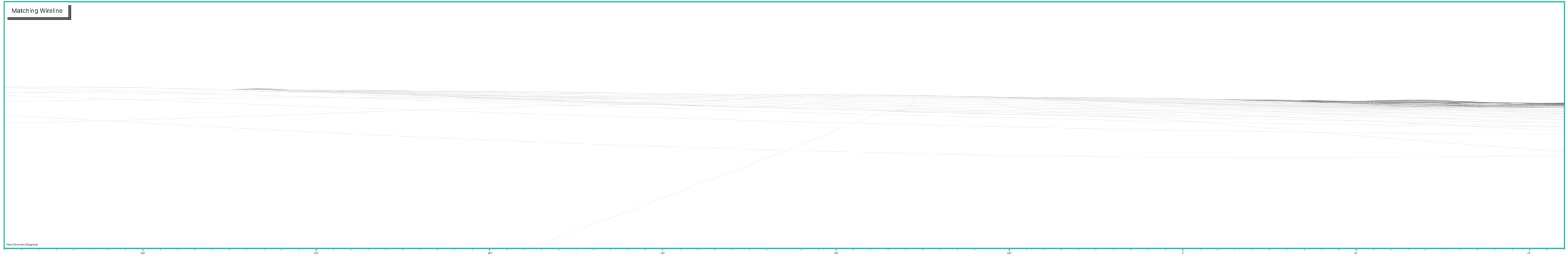
53.5° View Extent

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

Existing View at 90°



Matching Wireline



0° Included Horizontal Angle (90°)

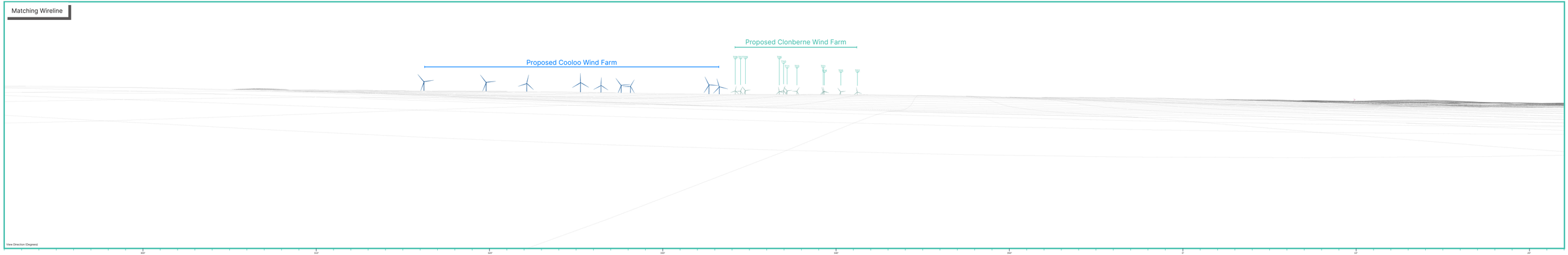
45°

90°

Proposed Photomontage with Cumulative at 90°



Matching Wireline



0° Included Horizontal Angle (53.5°)

26.5°

53.5°

Proposed Photomontage with Cumulative at 53.5°



0° Included Vertical Angle (118.2°)

87°

-82°

View Direction (Degrees)

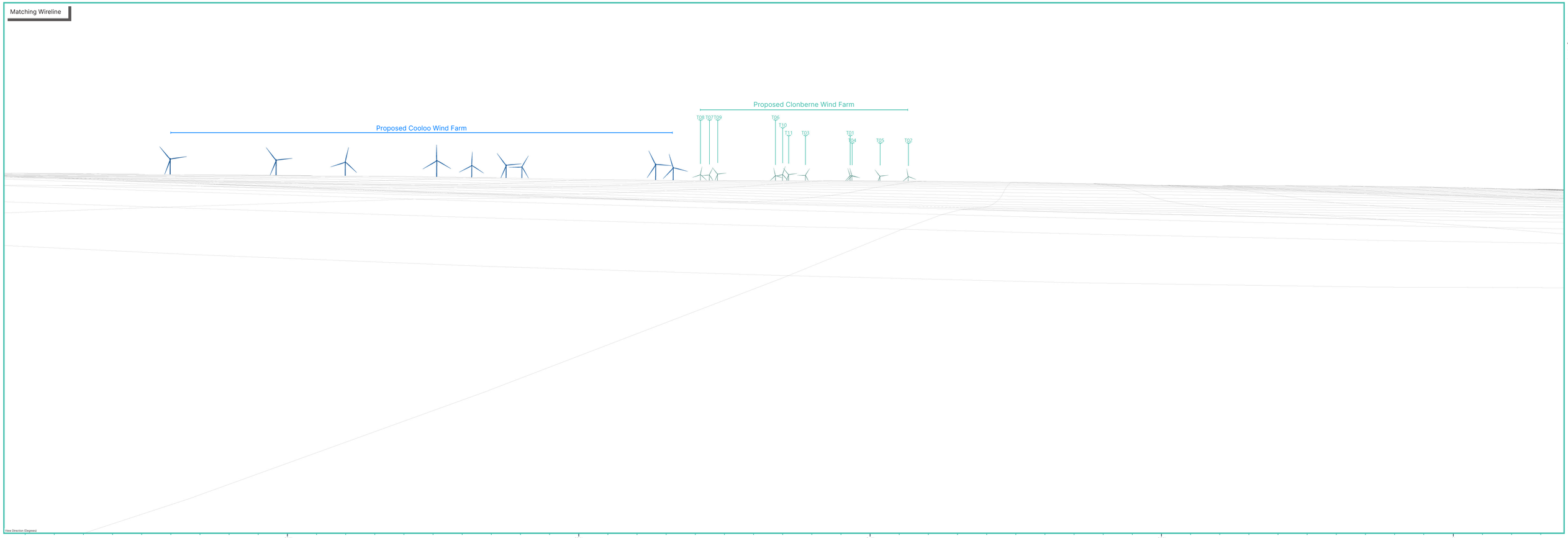
320°

330°

340°

350°

0°


Matching Wireline
Proposed Cooloo Wind Farm
Proposed Clonberne Wind Farm
T08
T07
T09
T06
T10
T11
T03
T01
T04
T05
T02
View Direction (Degrees)
320°
330°
340°
350°
0°
0° Included Vertical Angle (18.2°)
9.1°
18.2°

View Point 15

Killavoher

Photomontage 15

View from a local road in the townland of Killavoher, located approximately 769m northwest of the nearest proposed turbine. The view is captured from a small local road leading to the Wind Farm Site.

View point grid reference	E 555624 N 758087
Date of image taken	2023.11.10
Time of image taken	10:59
View point elevation	86m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	204°
Horizontal extent of proposed turbines	56°
Distance to nearest proposed turbine	769m (T01)
Number of proposed turbines visible	10/11
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Montage Type	Type 4* Photomontage / Photowire /Survey / Scale Verifiable
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
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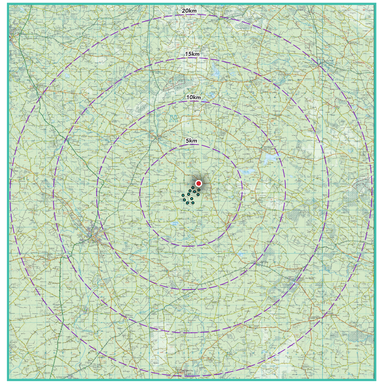
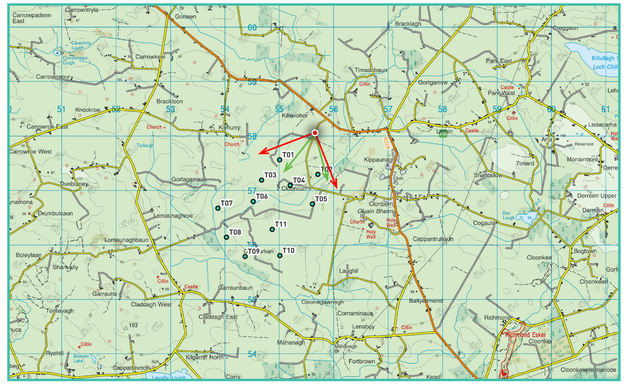
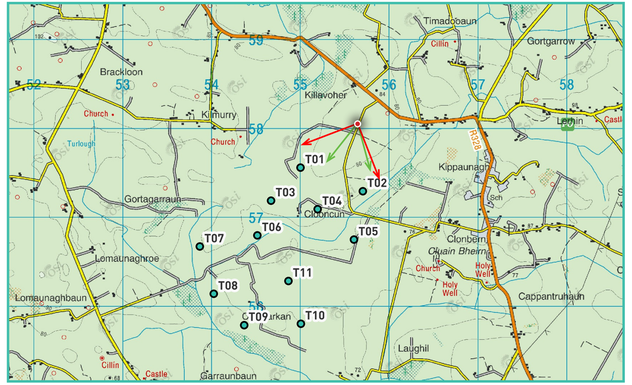


View point relative to 20km radius.



View point relative to wind farm site.



Detail of view point location.

Map Legend

Area shown in 90° view

Area shown in 53.5° view

View Point

Wireline Legend

Proposed Wind Farm

Existing Wind Farms

Permitted Wind Farms

Other Proposed Wind Farms

Prepared by

MKO
Planning & Environmental Consultants
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Website: www.mkoireland.ie

90° View Extent



53.5° View Extent

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

Existing View at 90°



Matching Wireline

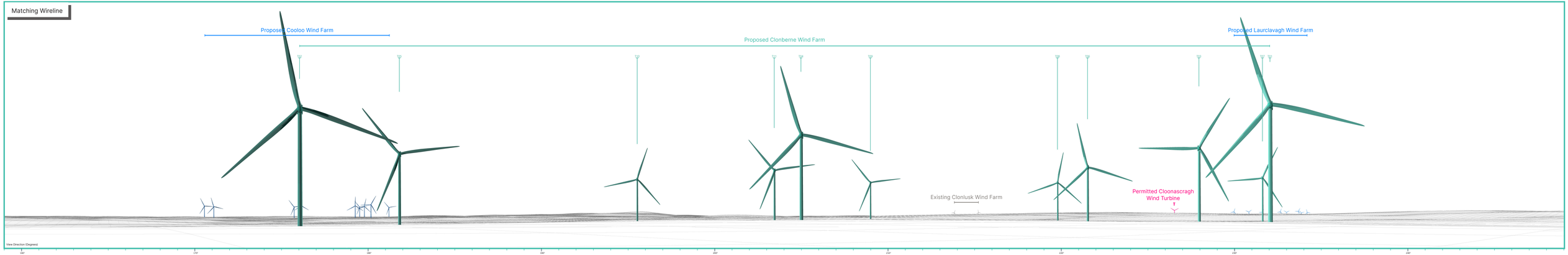


0° Included Horizontal Angle (90°) 45° 90°

Proposed Photomontage with Cumulative at 90°



Matching Wireline



0° Included Horizontal Angle (53.5°)

26.5°

53.5°

Proposed Photomontage with Cumulative at 53.5°



0° Included Vertical Angle (118.2°)

97°

82°

View Direction (Degrees)

180°

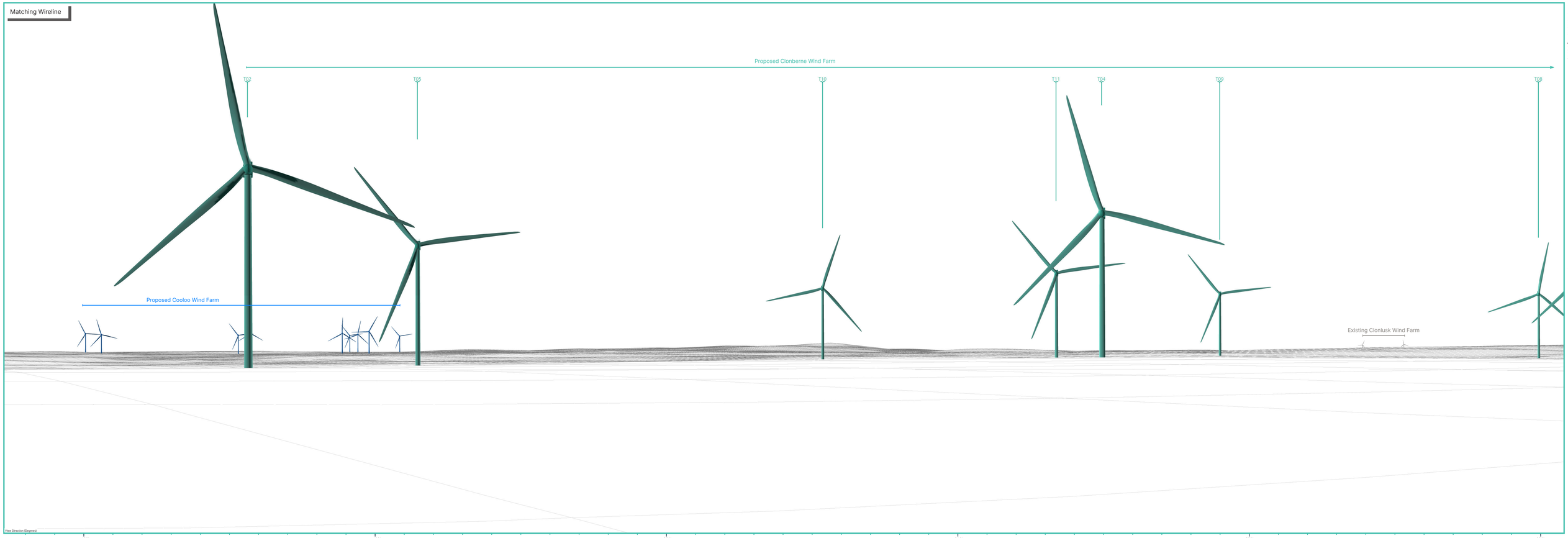
190°

200°

210°

220°

230°


Matching Wireline
Proposed Clonberne Wind Farm
T02
T05
T10
T11
T04
T09
T08
Proposed Cooloo Wind Farm
Existing Clonlusk Wind Farm
View Direction (Degrees)
180°
190°
200°
210°
220°
230°

View Point 16

Cloonagawnagh

Photomontage 16

View from a local road in the townland of Cloonagawnagh, located 940m east of the nearest proposed turbine, and 1.1km from the proposed onsite substation.

View point grid reference	E 555756 N 755310
Date of image taken	10.11.2023
Time of image taken	12:13
View point elevation	68m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	317° / 304°
Horizontal extent of proposed turbines	68°
Distance to nearest proposed turbine	940m (T10)
Number of proposed turbines visible	11/11
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Montage Type	Type 4* Photomontage / Photowire /Survey / Scale Verifiable
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
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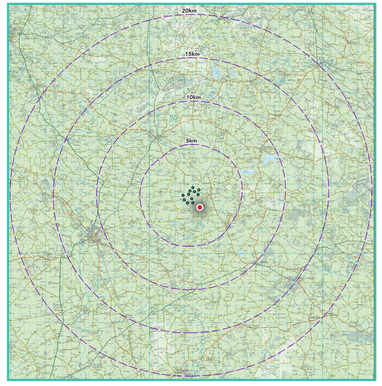
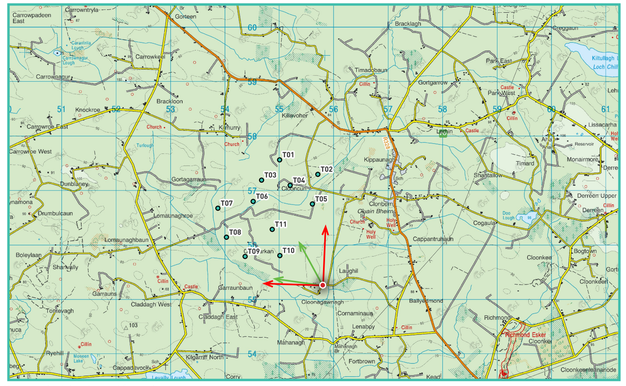
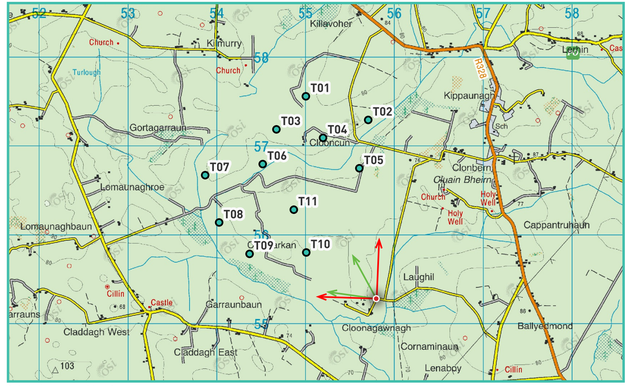


View point relative to 20km radius.



View point relative to wind farm site.



Detail of view point location.

Map Legend

Area shown in 90° view

Area shown in 53.5° view

View Point

Wireline Legend

Proposed Wind Farm

Existing Wind Farms

Permitted Wind Farms

Other Proposed Wind Farms

Proposed Clonberne Substation

Proposed Telecom Tower

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



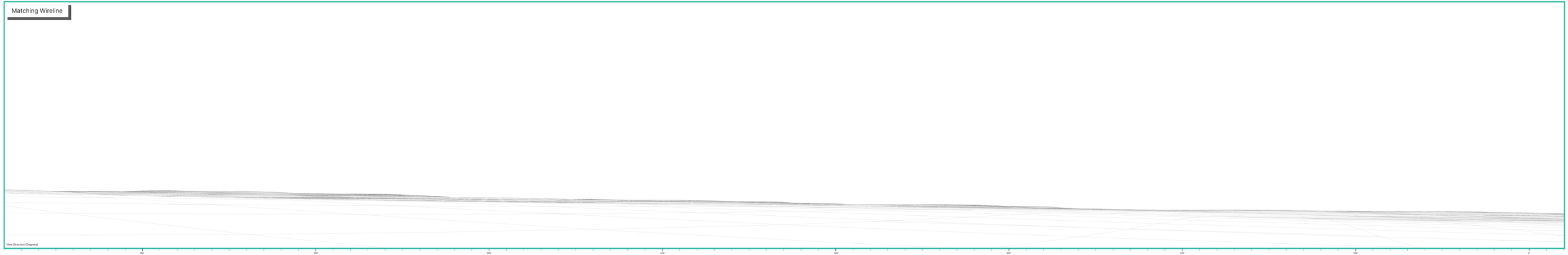
53.5° View Extent

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

Existing View at 90°



Matching Wireline



0° Included Horizontal Angle (90°)

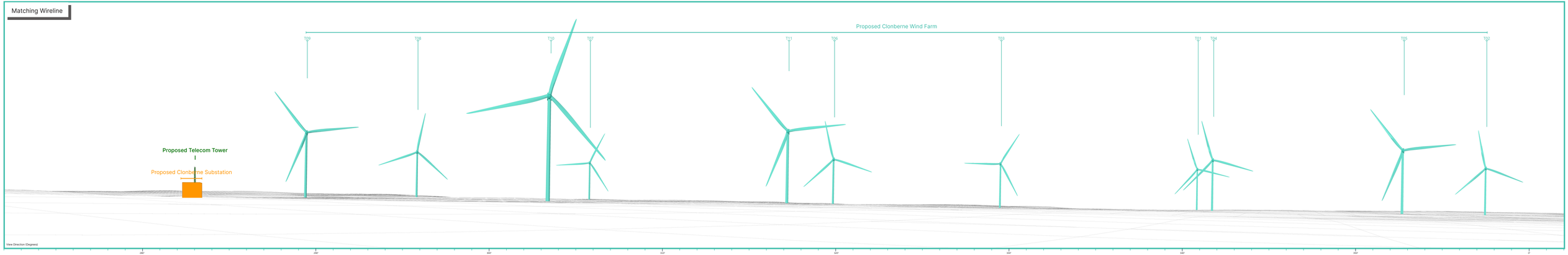
45°

90°

Proposed Photomontage with Cumulative at 90°



Matching Wireline



0° Included Horizontal Angle (53.5°)

26.5°

53.5°

0° Included Vertical Angle (118.2°)

97°

82°

Proposed Photomontage with Cumulative at 53.5°



View Direction (Degrees)

280°

290°

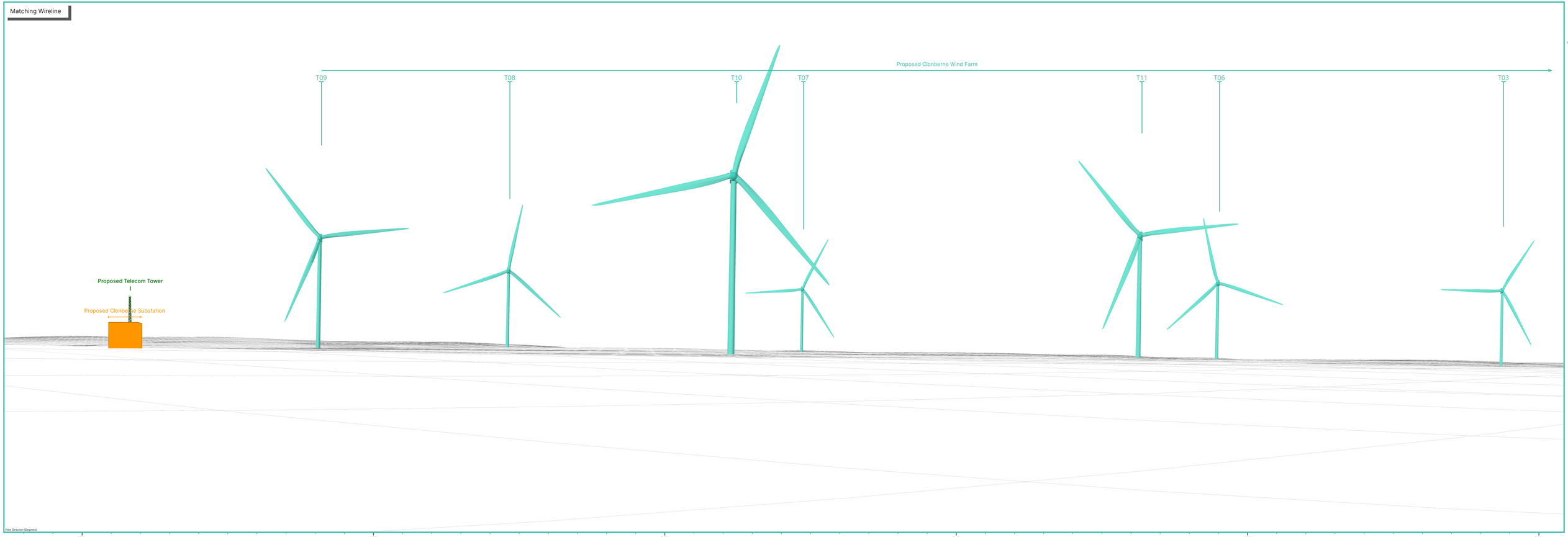
300°

310°

320°

330°

Matching Wireline



View Point 17

Cloonagawnagh

Photomontage 17

View from a local road in the townland of Cloonagawnagh, located 837m southeast the nearest proposed turbines, and 868m from the proposed onsite substation.

View point grid reference	E 555507 N 755184
Date of image taken	10/11/2023
Time of image taken	13:35
View point elevation	66m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	325° / 311°
Horizontal extent of proposed turbines	66°
Distance to nearest proposed turbine	837m (T10)
Number of proposed turbines visible	9/11
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Montage Type	Type 4* Photomontage / Photowire /Survey / Scale Verifiable
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
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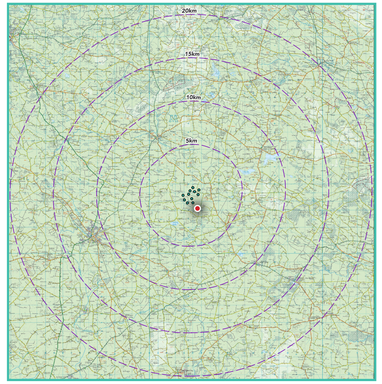
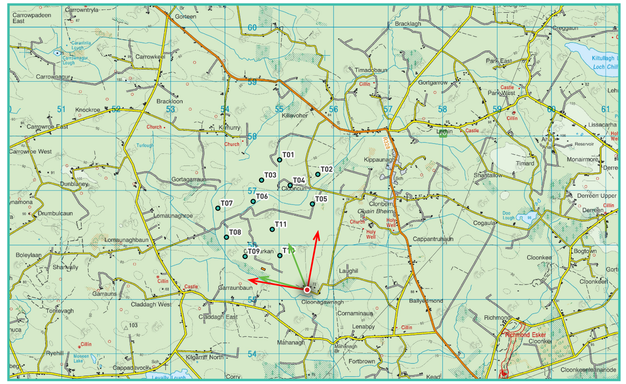
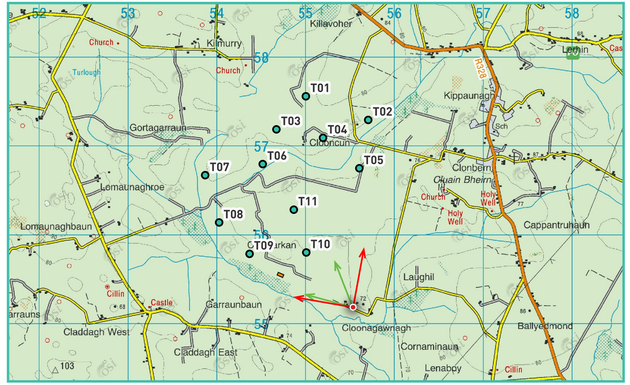


View point relative to 20km radius.



View point relative to wind farm site.



Detail of view point location.

Map Legend

Area shown in 90° view

Area shown in 53.5° view

View Point

Wireline Legend

- Proposed Wind Farm
- Existing Wind Farms
- Permitted Wind Farms
- Other Proposed Wind Farms
- Proposed Clonberne Substation
- Proposed Telecom Tower

Prepared by

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Planning & Environmental Consultants
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E-mail: info@mkoireland.ie
Website: www.mkoireland.ie

90° View Extent



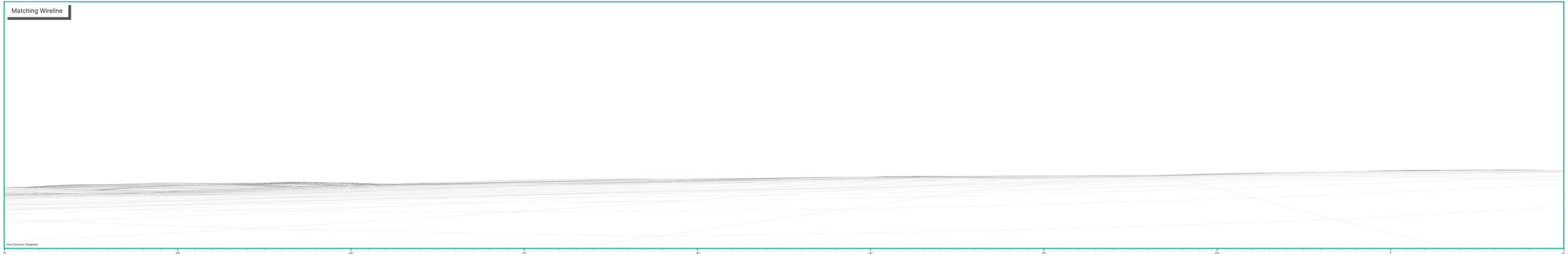
53.5° View Extent

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

Existing View at 90°



Matching Wireline

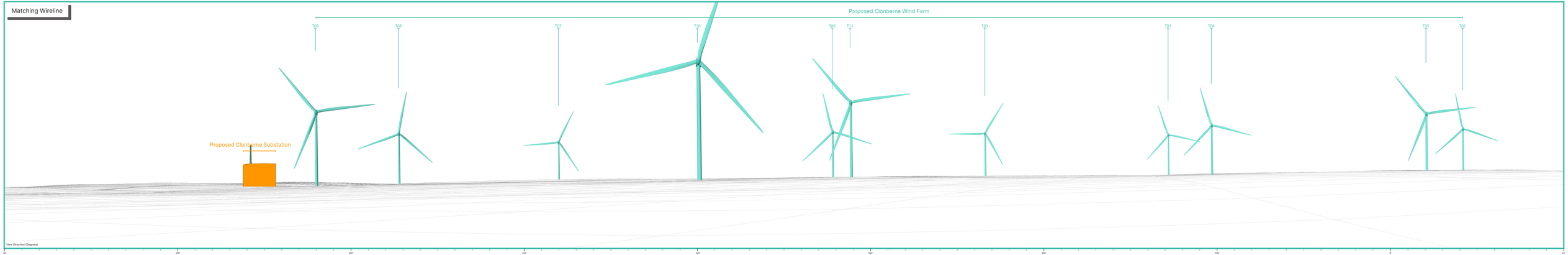


0° Included Horizontal Angle (90°) 45° 90°

Proposed Photomontage with Cumulative at 90°



Matching Wireline



0° Included Horizontal Angle (53.5°)

26.5°

53.5°

0° Included Vertical Angle (118.2°)

97°

82.4°

Proposed Photomontage with Cumulative at 53.5°



View Direction (Degrees)

290°

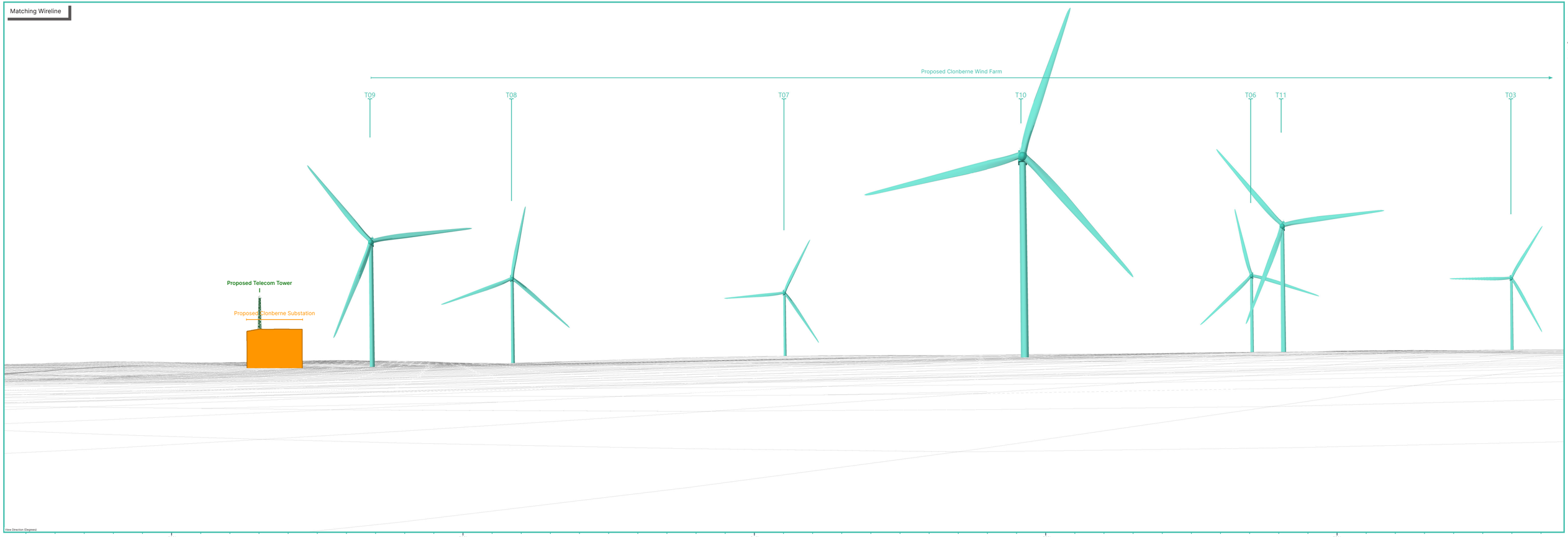
300°

310°

320°

330°

Matching Wireline



View Point 18

Ballyedmond

Photomontage 18

View from a local road in the townland of Ballyedmond, located 2.4km east of the nearest proposed turbine and approximately 185m from the nearest part of the proposed Line Cable Interface Masts.

View point grid reference	E 557105 N 754690
Date of image taken	05/01/2024
Time of image taken	11.00
View point elevation	85m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	312°
Horizontal extent of proposed turbines	40°
Distance to nearest proposed turbine	2.4km (T10)
Number of proposed turbines visible	10/11
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Montage Type	Type 4* Photomontage / Photowire /Survey / Scale Verifiable
Camera & Lens	Canon 5D Mark III / Full Frame Sensor with a 50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
Guidance	* Visual Representation of Development Proposals, Landscape Institute Technical Guidance Note 06/19, 2019
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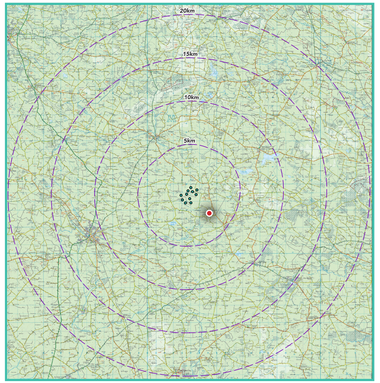
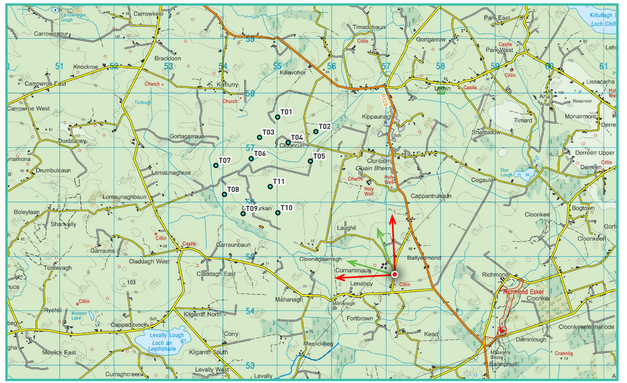
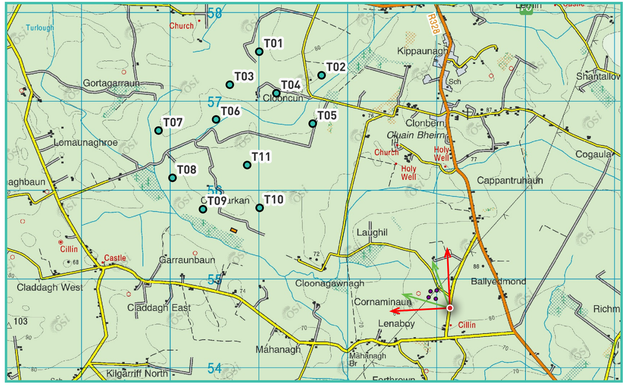


View point relative to 20km radius.



View point relative to wind farm site.



Detail of view point location.

90° View Extent

Key Image at 120°



53.5° View Extent

Map Legend

Area shown in 90° view

Area shown in 53.5° view

View Point

Wireline Legend

Proposed Wind Farm

Existing Wind Farms

Permitted Wind Farms

Other Proposed Wind Farms

Proposed Grid Connection

Prepared by

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E-mail: info@mkoireland.ie
Website: www.mkoireland.ie

0° Included Horizontal Angle (90°)

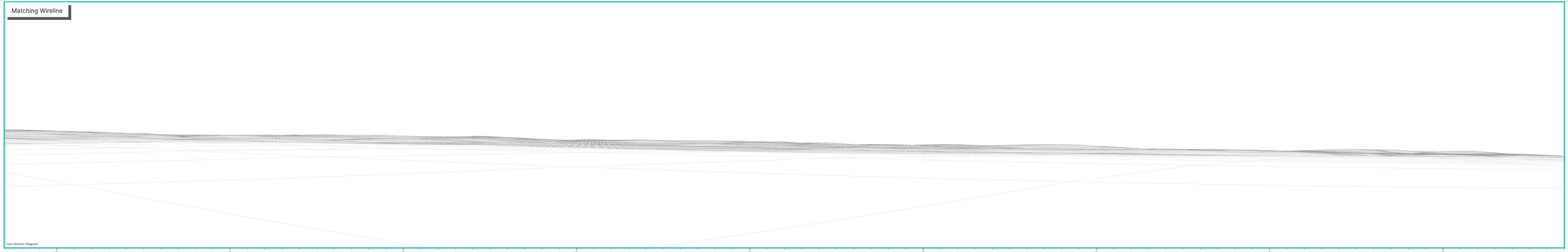
45°

90°

Existing View at 90°



Matching Wireline



0° Included Horizontal Angle (90°)

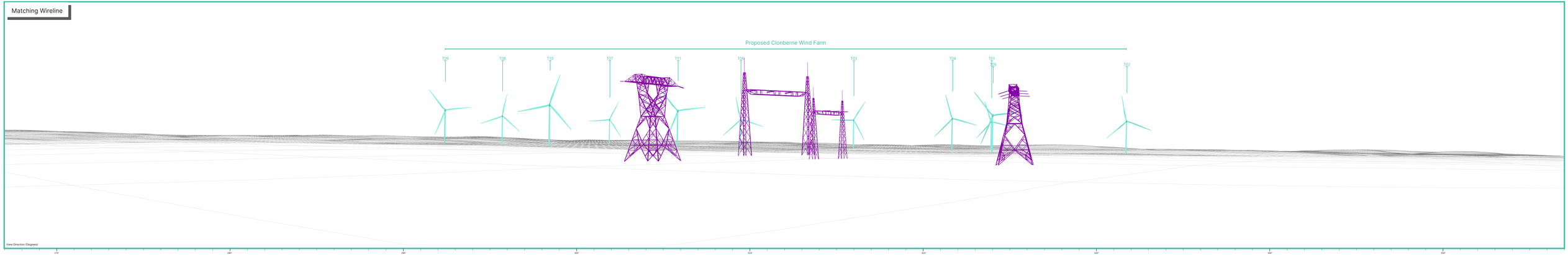
45°

90°

Proposed Photomontage with Cumulative at 90°



Matching Wireline



0° Included Horizontal Angle (53.5°)

26.5°

53.5°

Proposed Photomontage with Cumulative at 53.5°



0° Included Vertical Angle (118.2°)

97°

82°

View Direction (Degrees)

290°

300°

310°

320°

330°

Matching Wireline

