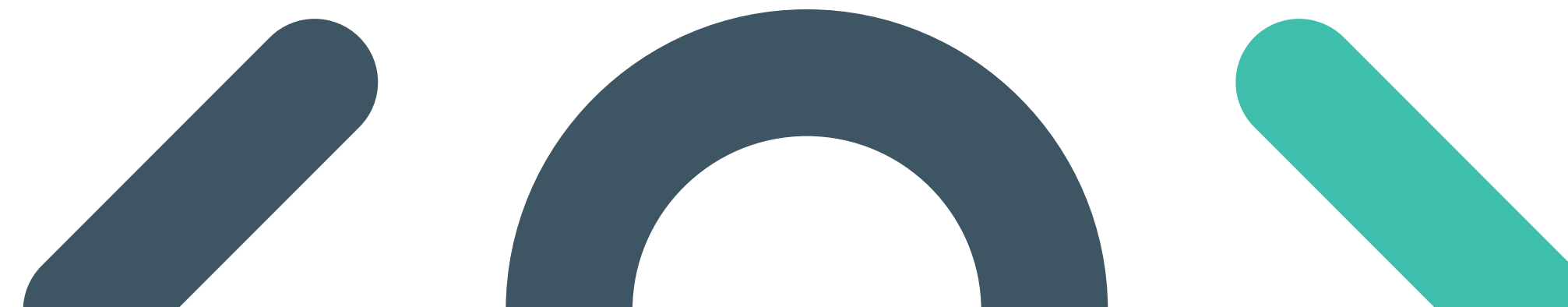


Umma More Renewable Energy Development
Environmental Impact Assessment Report - Volume 2

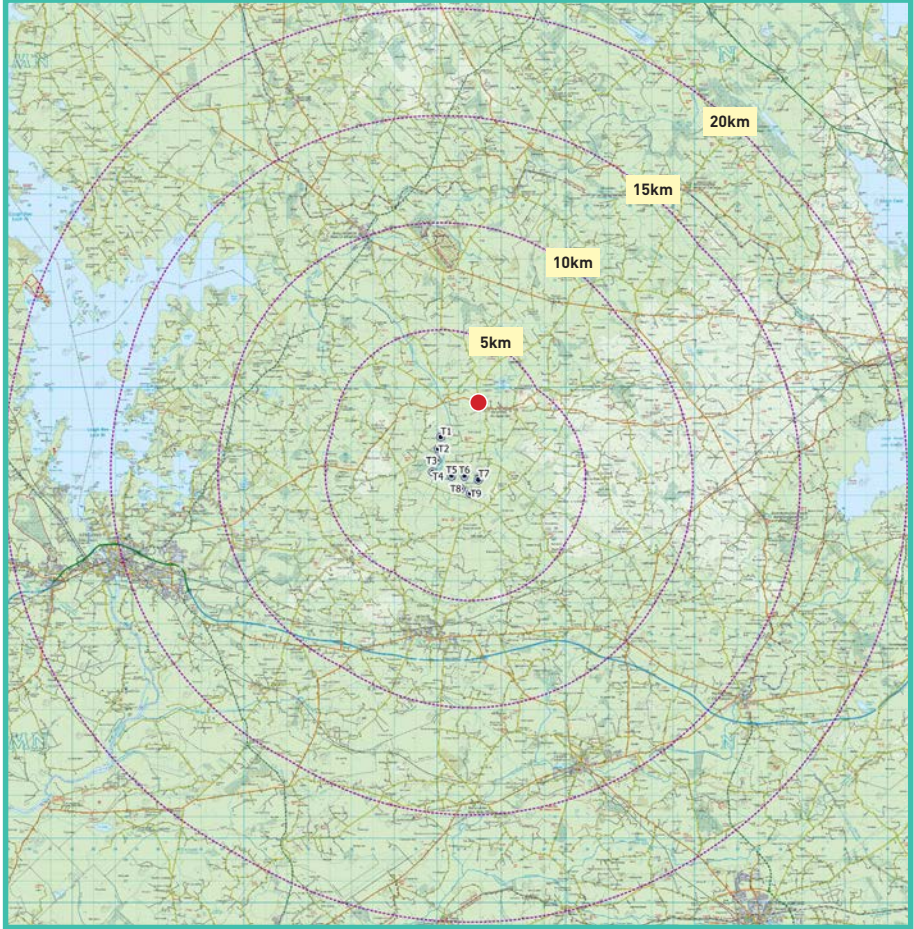
Photomontage Booklet



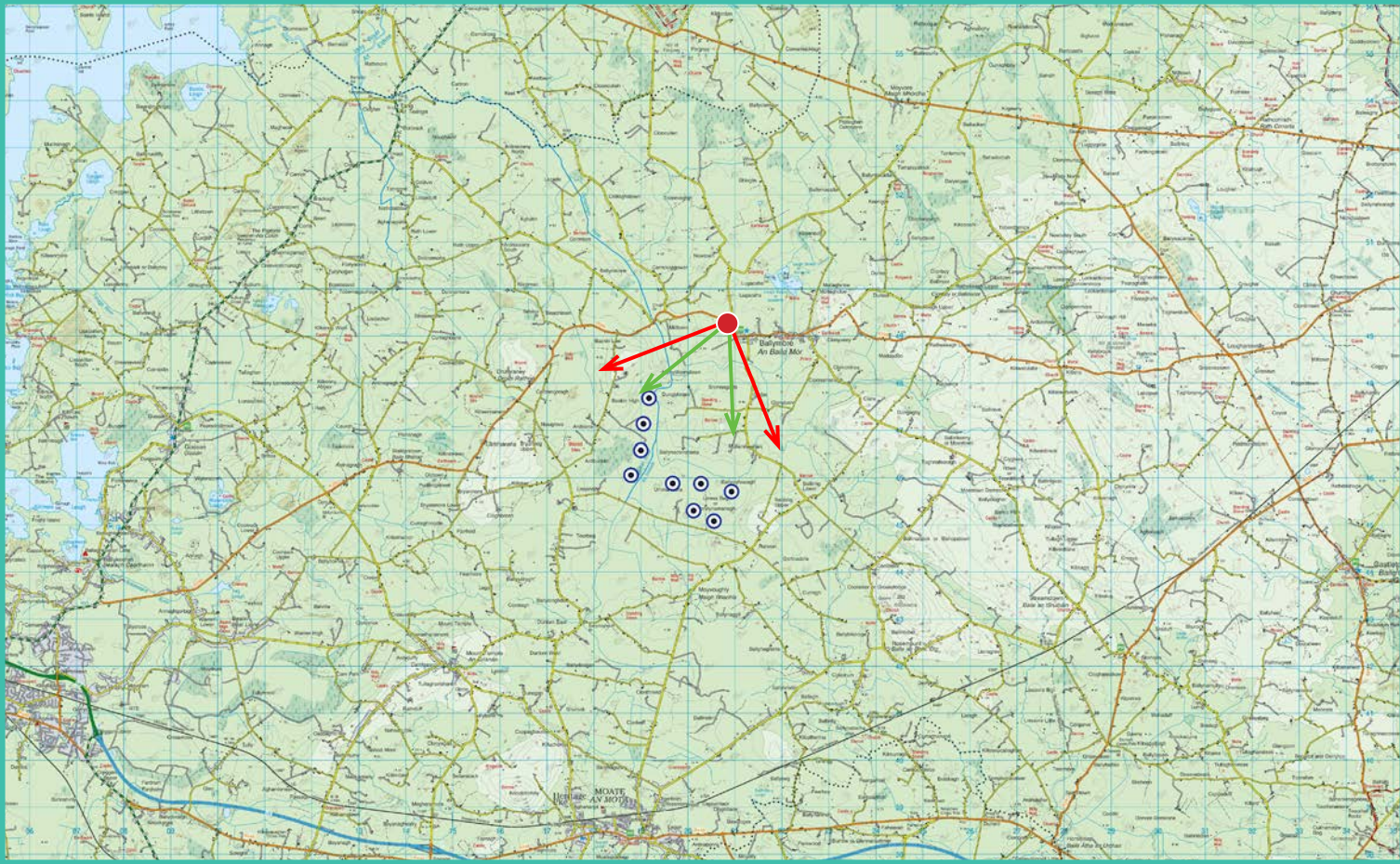
Photomontage 01

View from the R390 regional road in the townland of **Ballymore**. The viewpoint is located approximately 2.4km northeast of the nearest proposed turbine (T1)

View point grid reference	620872(E); 749309(N)
Date of image taken	11.11.2022
Time of image taken	09:14
View point elevation	86m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	204°
Horizontal extent of proposed turbines	47°
Distance to nearest proposed turbine	2.4km (T1)
Number of proposed turbines visible	9/9
Turbine Hub Height	104m
Turbine Tip Height	185m
Turbine Rotor Diameter	162m
Camera	Canon 5D Mark III / Full Frame Sensor.
Lens	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 wind farm site.

90° View Extent



Detail of view point location.

Map Legend

- Area shown in 90° view
- Area shown in 53.5° view
- View Point

Wireline Legend

- Proposed Umma More Wind Farm
- Proposed Lemanaghan Wind Farm
- Proposed Derryadd Wind Farm
- Existing Wind Farms
- Proposed Met Mast (30m)
- Knockastia
- Hill of Uisnieach

Prepared by
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Website: www.mkofireland.ie



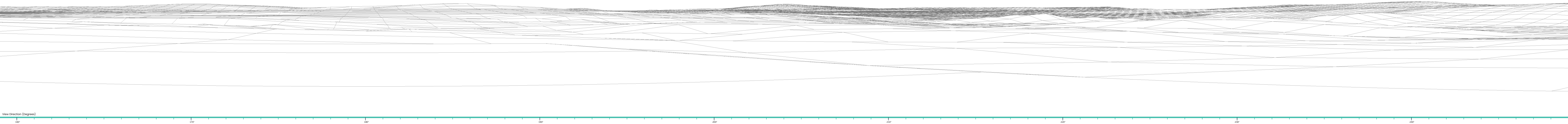
Key Image at 120°

53.5° View Extent

Baseline View at 90°



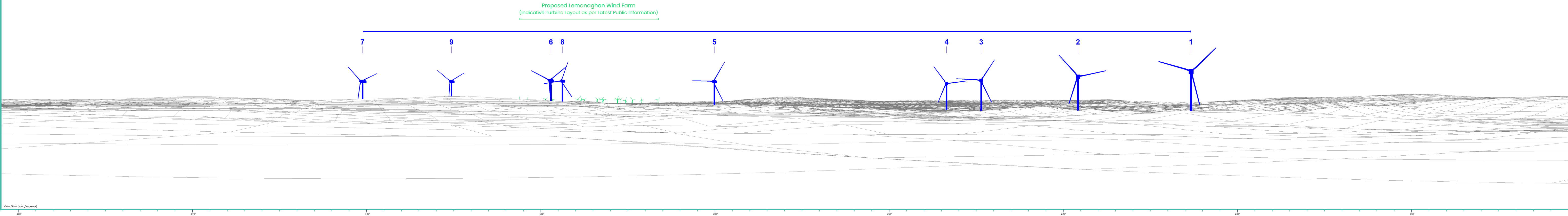
Matching Wireline



Proposed Photomontage with Cumulative at 90°

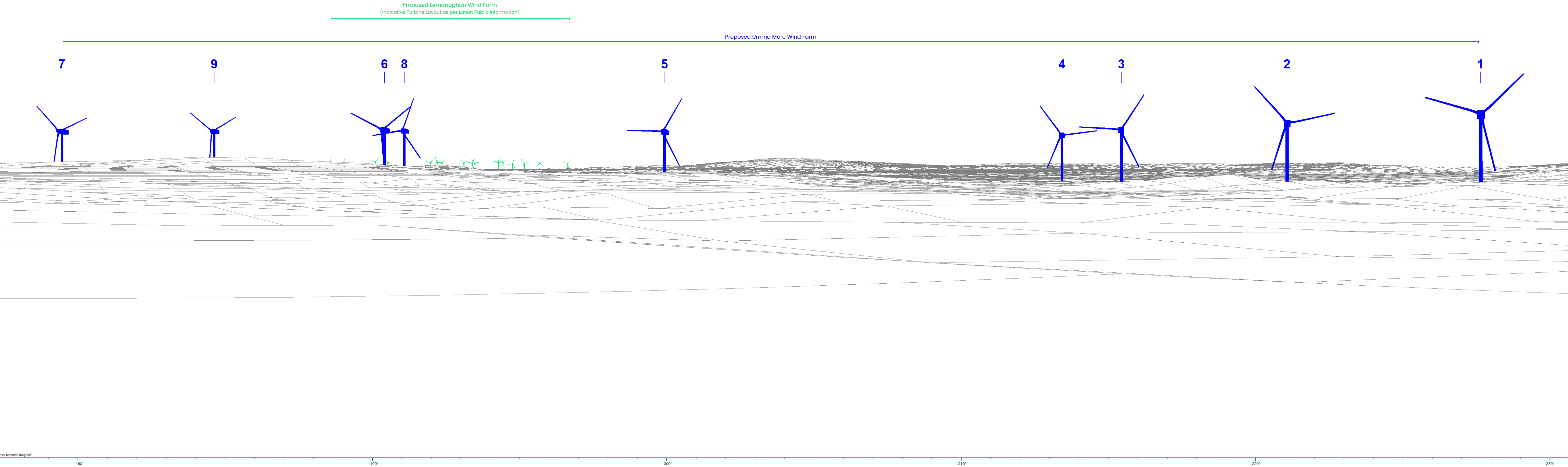


Matching Wireline



Proposed Photomontage with Cumulative at 53.5°





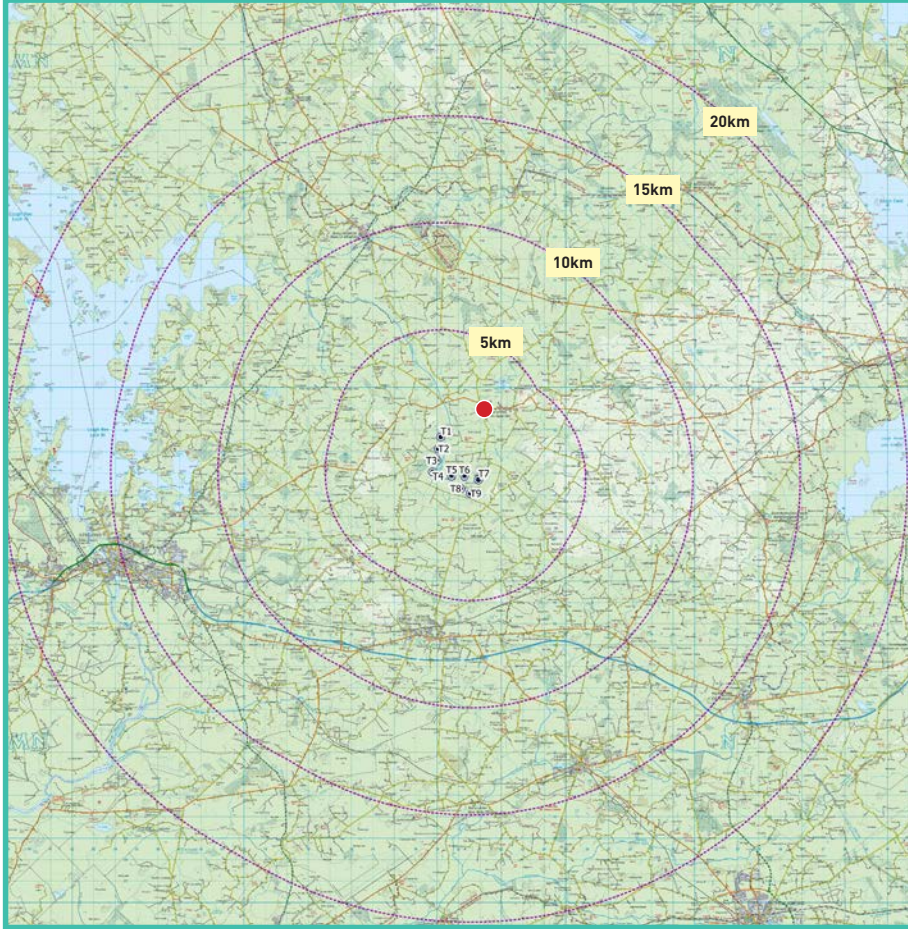
View Point 02

Ballymore

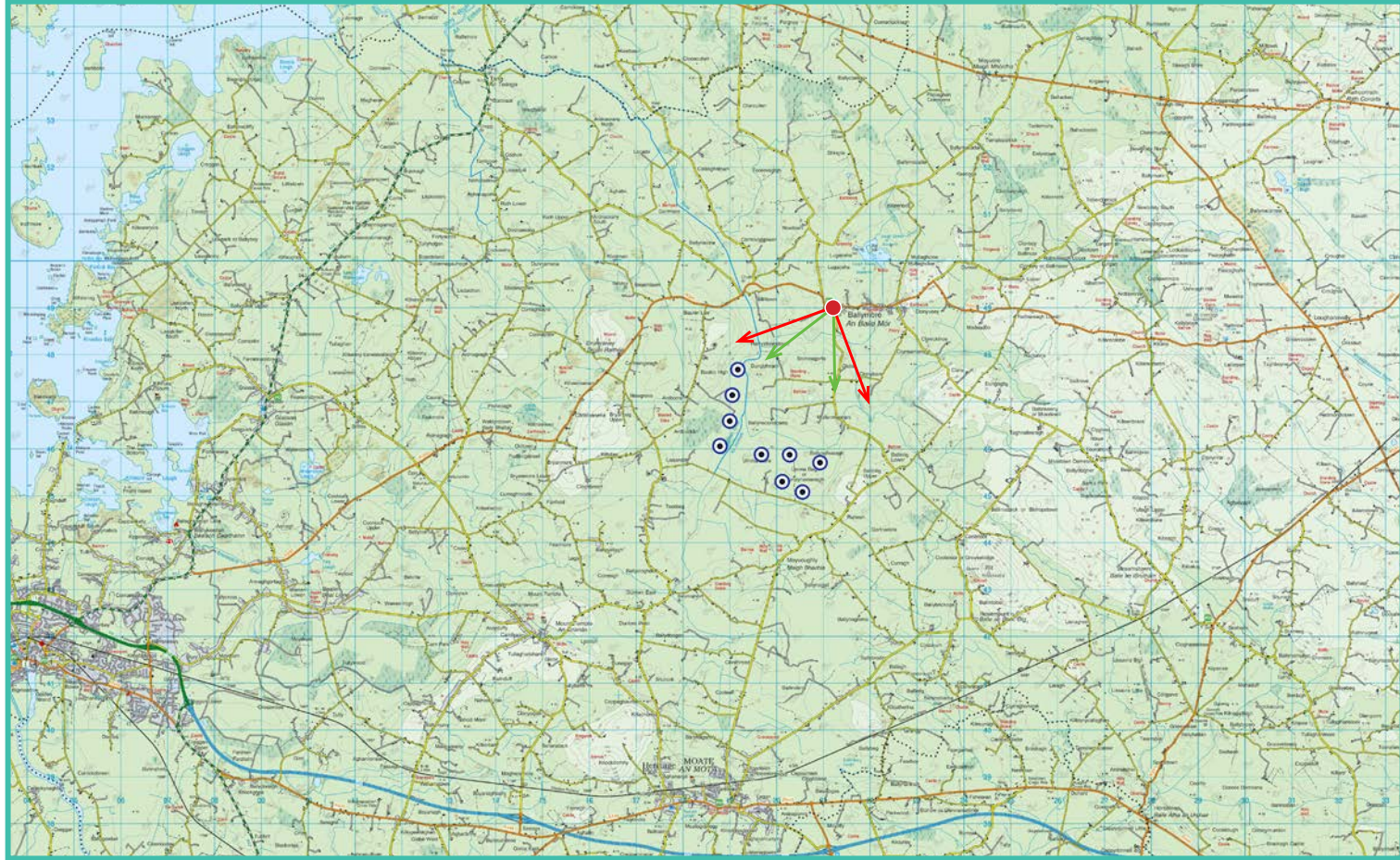
Photomontage 02

View from outside the church and graveyard within the village of **Ballymore**. The viewpoint is located approximately 2.3km northeast of the nearest proposed turbine (T1).

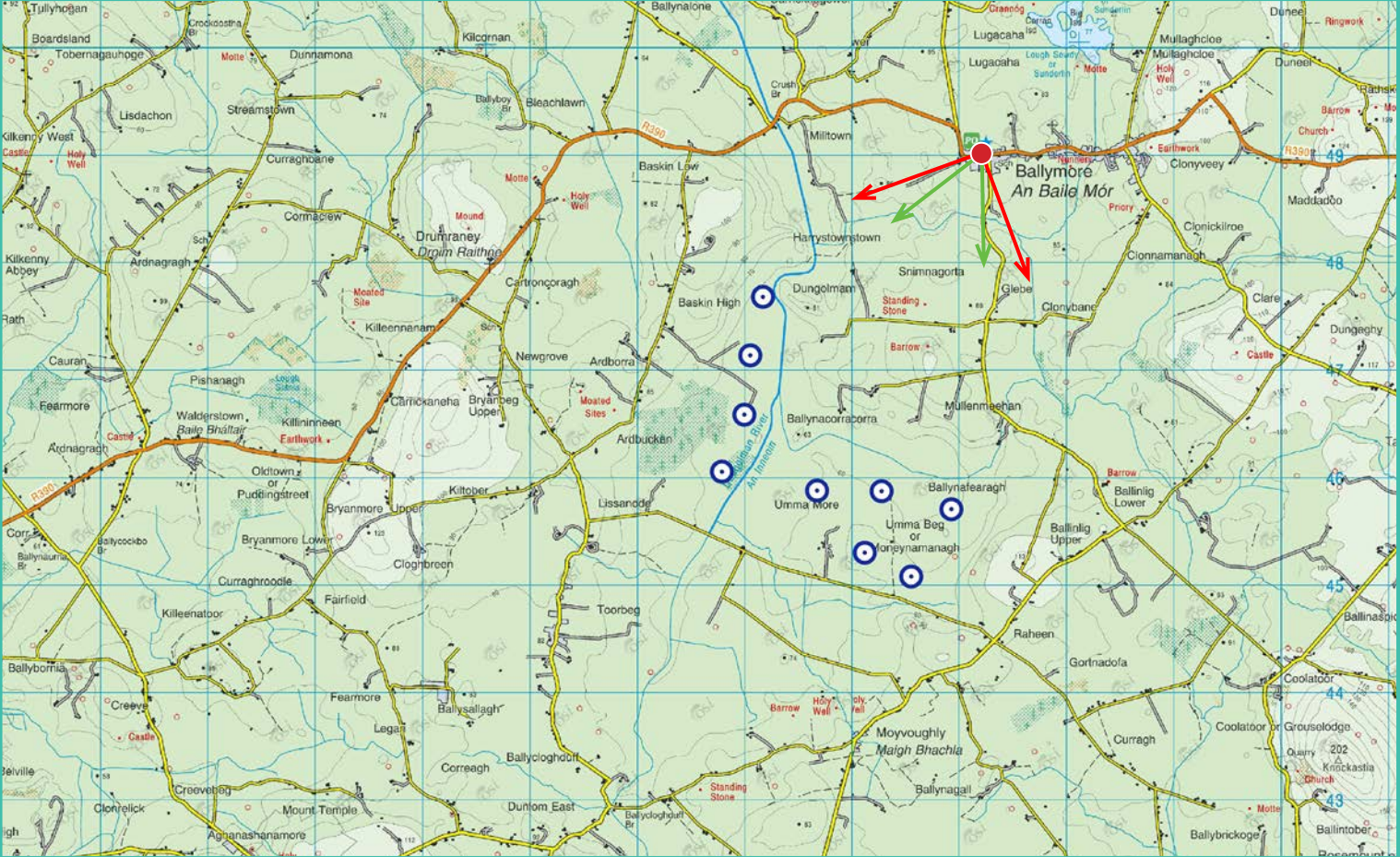
View point grid reference	621120(E); 749006(N)
Date of image taken	2021.08.13
Time of image taken	08:57
View point elevation	88m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	205°
Horizontal extent of proposed turbines	54°
Distance to nearest proposed turbine	2.3km (T1)
Number of proposed turbines visible	6/9
Turbine Hub Height	104m
Turbine Tip Height	185m
Turbine Rotor Diameter	162m
Camera	Canon 5D Mark III / Full Frame Sensor.
Lens	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 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 Umma More Wind Farm
- Proposed Lemanaghan Wind Farm
- Proposed Derryadd Wind Farm
- Existing Wind Farms
- Proposed Met Mast (30m)
- Knockastia
- Hill of Uisnieach

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



Key Image at 120°

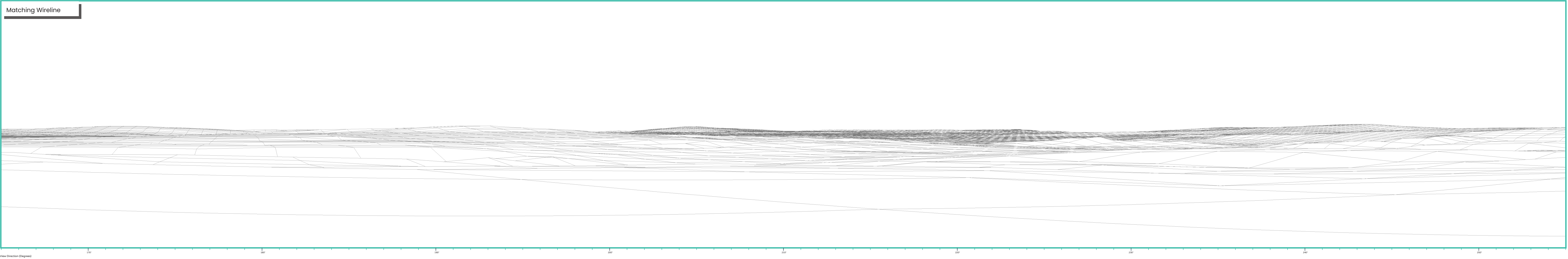
90° View Extent

53.5° View Extent

Baseline View at 90°



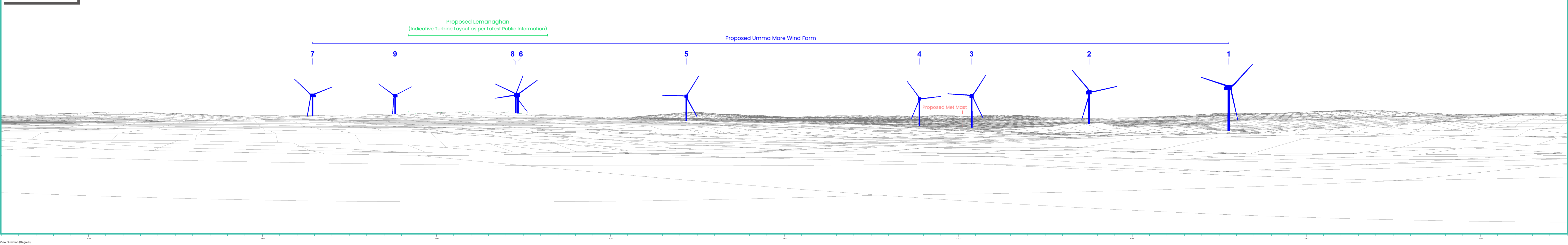
Matching Wireline



Proposed Photomontage with Cumulative at 90°



Matching Wireline



Proposed Photomontage with Cumulative at 53.5°



Proposed Lemanaghan Wind Farm
(Indicative Turbine Layout as per Latest Public Information)

Proposed Umma More Wind Farm

7

9

8 6

5

4

3

2

1

Proposed Met Mast

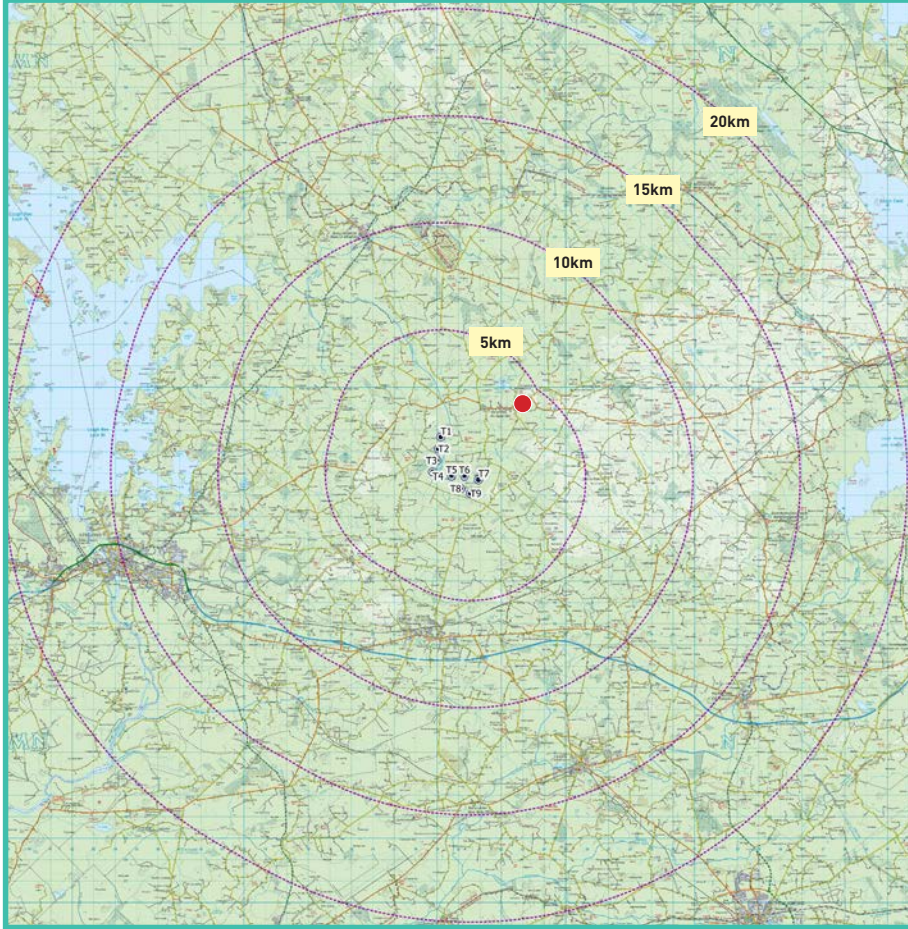
View Point 03

Clonyveey

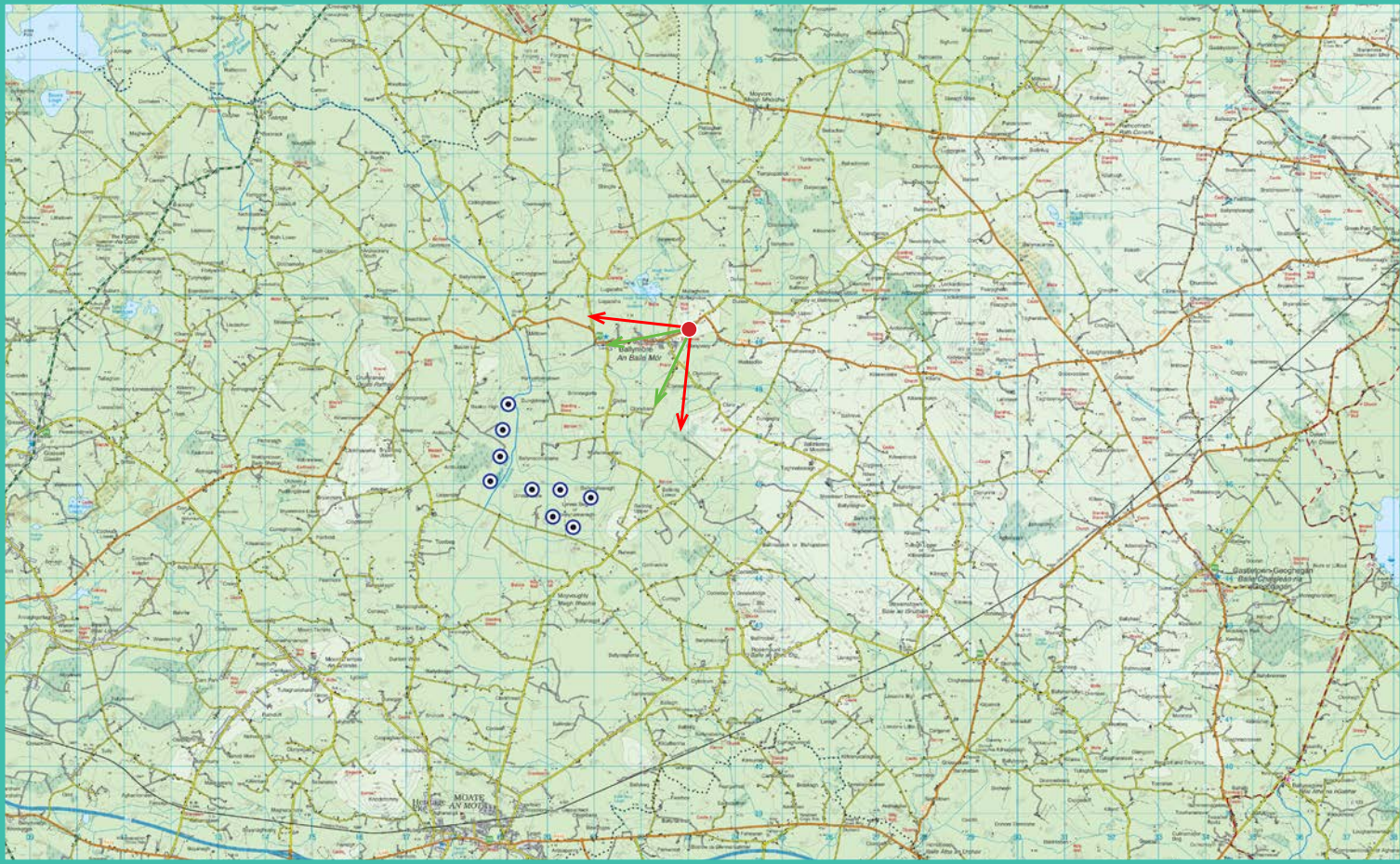
Photomontage 03

View from outside a residential dwelling on the R390 Regional Road, east of Ballymore in the townland **Clonyveey**. The viewpoint is located on the route described for County Westmeath Protected View 8 (WCDP, 2021-2027), approximately 4.1km northeast of the nearest proposed turbine (T7)

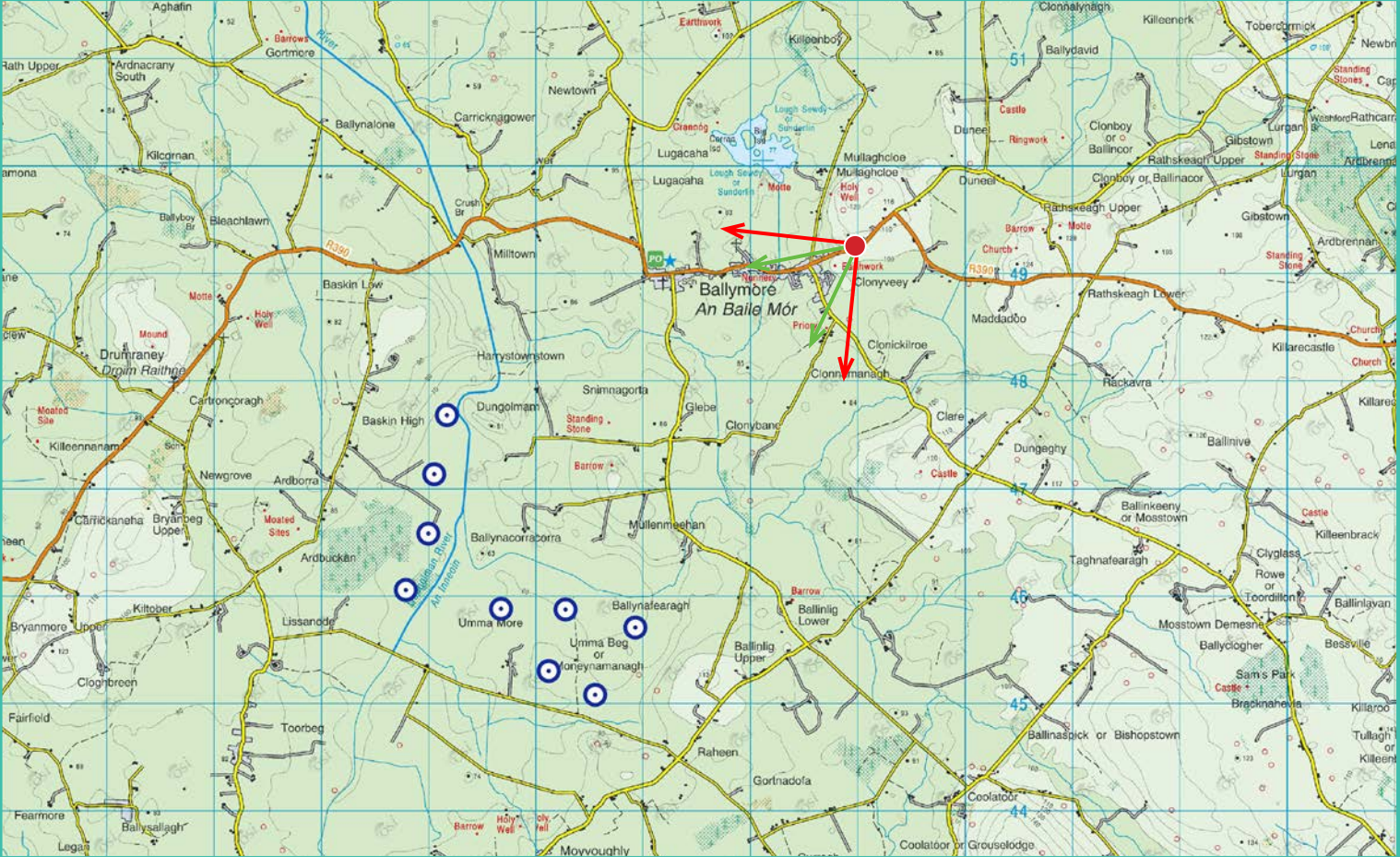
View point grid reference	622931(E); 749257(N)
Date of image taken	2022.04.28
Time of image taken	14:45
View point elevation	104m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	231°
Horizontal extent of proposed turbines	38°
Distance to nearest proposed turbine	4.1km (T7)
Number of proposed turbines visible	7/9
Turbine Hub Height	104m
Turbine Tip Height	185m
Turbine Rotor Diameter	162m
Camera	Canon 5D Mark III / Full Frame Sensor.
Lens	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 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 Umma More Wind Farm
- Proposed Lemanaghan Wind Farm
- Proposed Derryadd Wind Farm
- Existing Wind Farms
- Proposed Met Mast (30m)
- Knockastia
- Hill of Uisnieach

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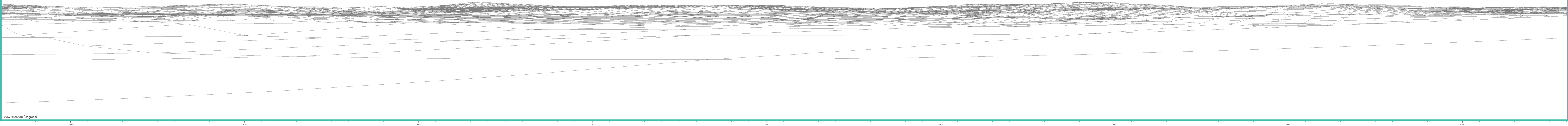


53.5° View Extent

Baseline View at 90°



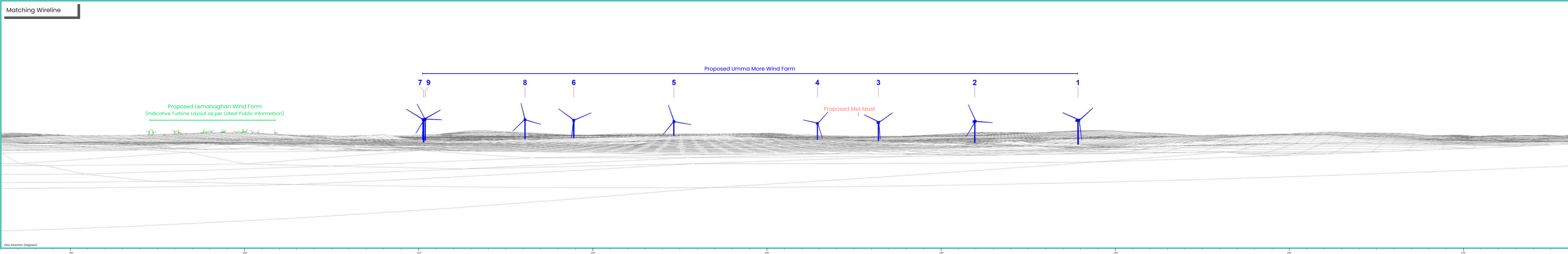
Matching Wireline



Proposed Photomontage with Cumulative at 90°

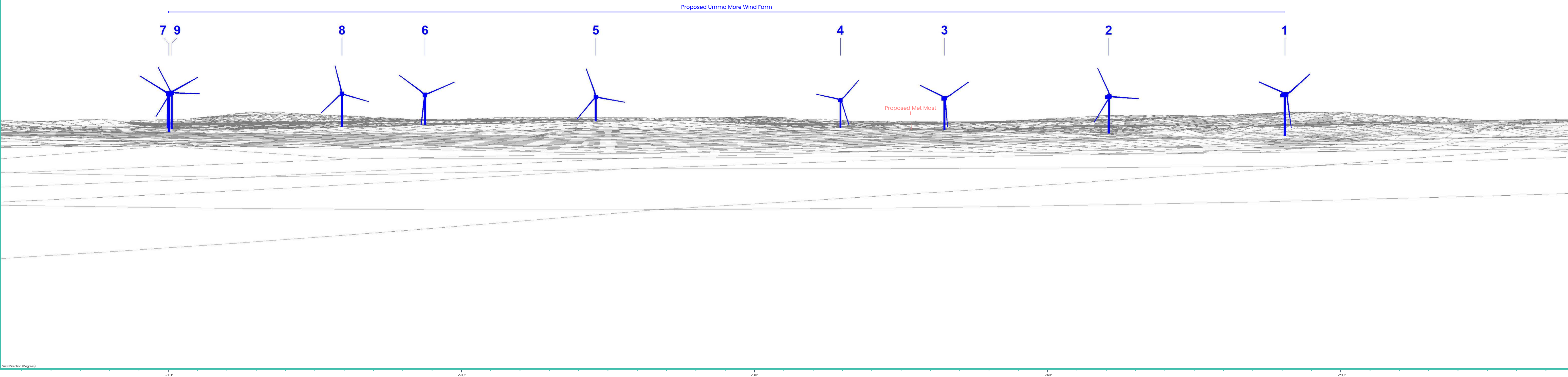


Matching Wireline



Proposed Photomontage with Cumulative at 53.5°

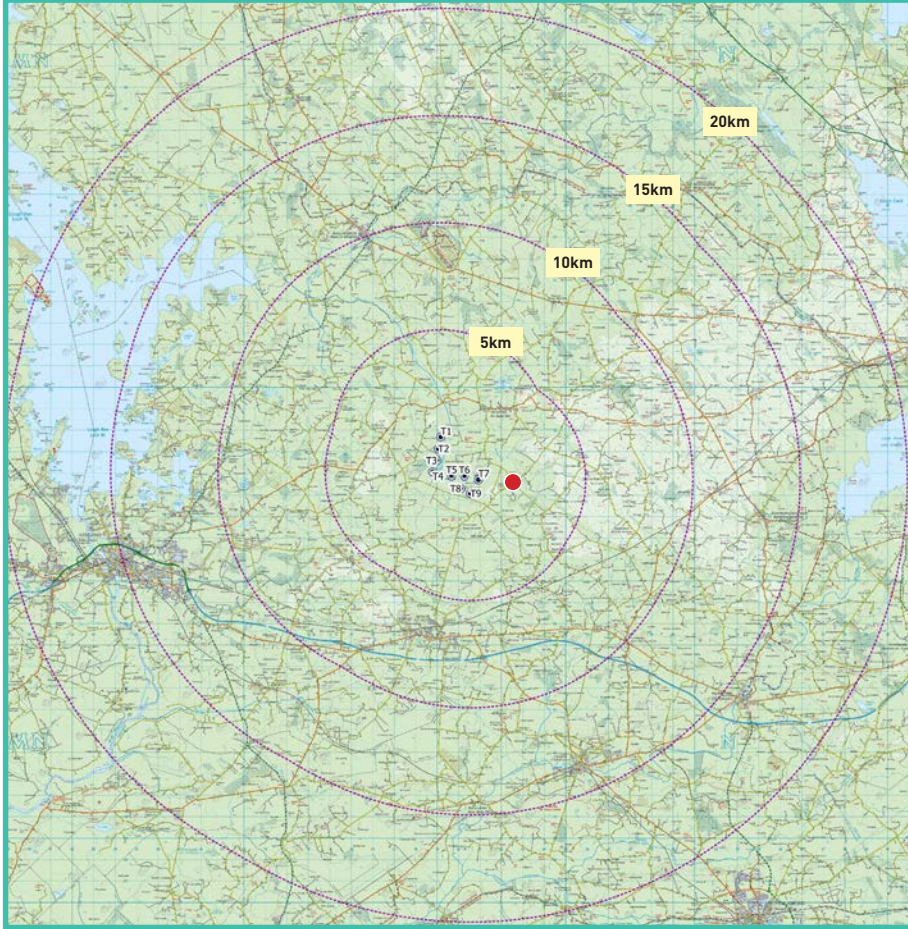




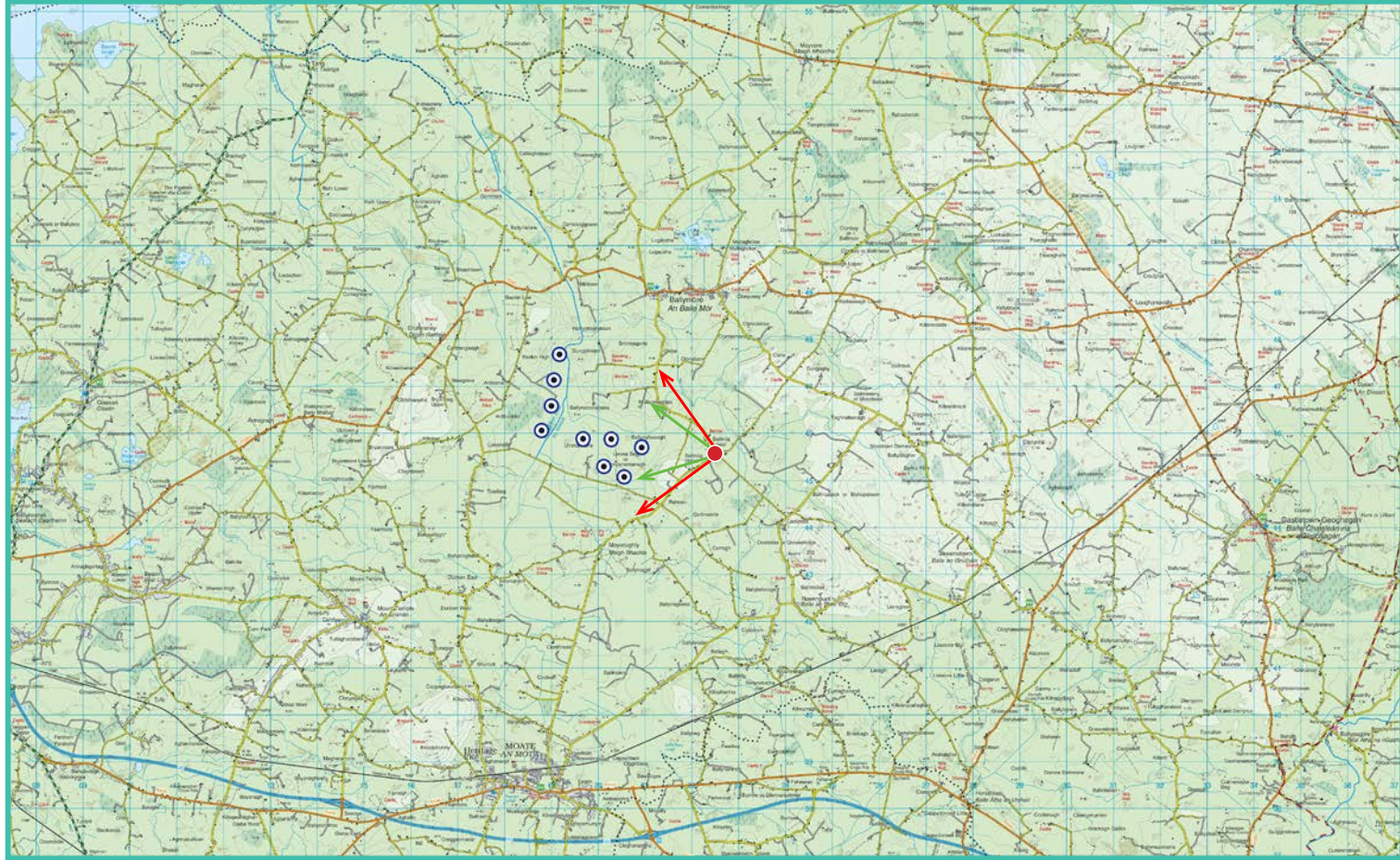
Photomontage 04

View from a crossroad in the townland of **Ballinlig Lower**. The viewpoint is located approximately 1.6km east of the nearest proposed turbine (T7).

View point grid reference	622483(E); 745569(N)
Date of image taken	2021.08.13
Time of image taken	10:18
View point elevation	92m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	279°
Horizontal extent of proposed turbines	46°
Distance to nearest proposed turbine	1.6km (T7)
Number of proposed turbines visible	1/9
Turbine Hub Height	104m
Turbine Tip Height	185m
Turbine Rotor Diameter	162m
Camera	Canon 5D Mark III / Full Frame Sensor.
Lens	50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
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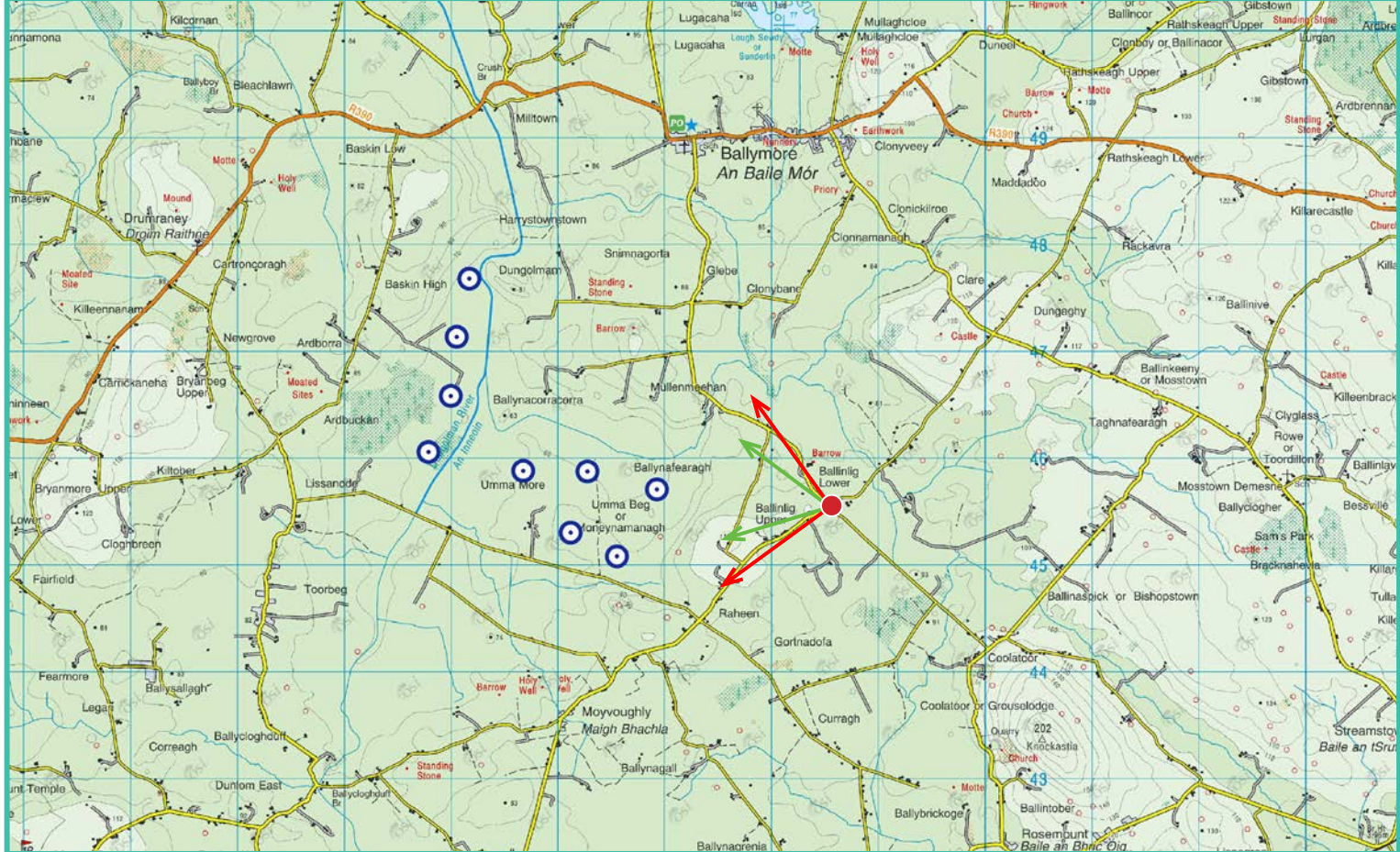


View point relative to 20km radius.



View point relative to wind farm site.

90° View Extent



Detail of view point location.

Map Legend

- Area shown in 90° view
- Area shown in 53.5° view
- View Point

Wireline Legend

- Proposed Umma More Wind Farm
- Proposed Lemanaghan Wind Farm
- Proposed Derryadd Wind Farm
- Existing Wind Farms
- Proposed Met Mast (30m)
- Knockastia
- Hill of Uisnieach

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

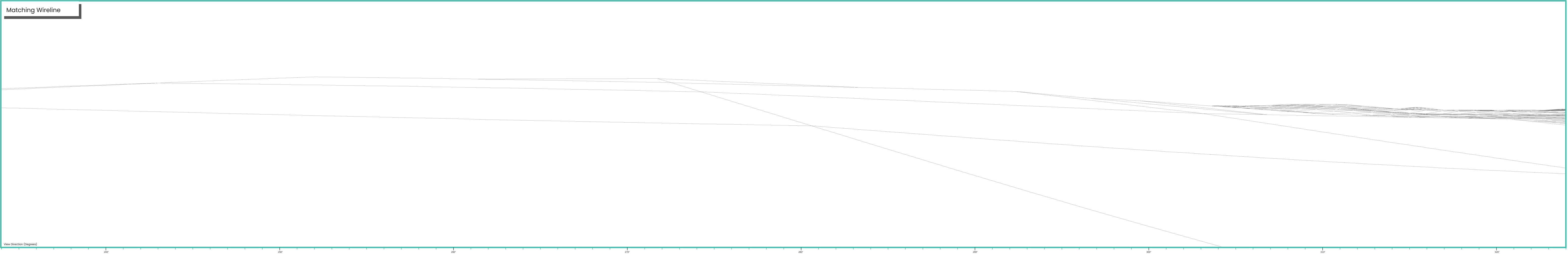


53.5° View Extent

Baseline View at 90°



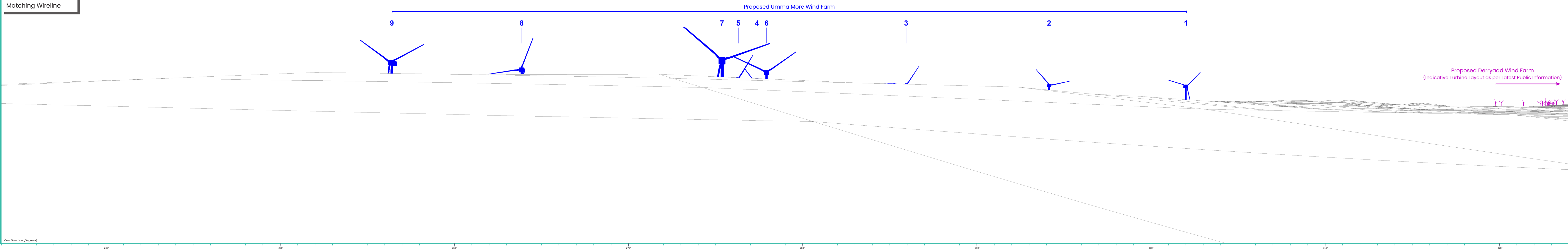
Matching Wireline



Proposed Photomontage with Cumulative at 90°



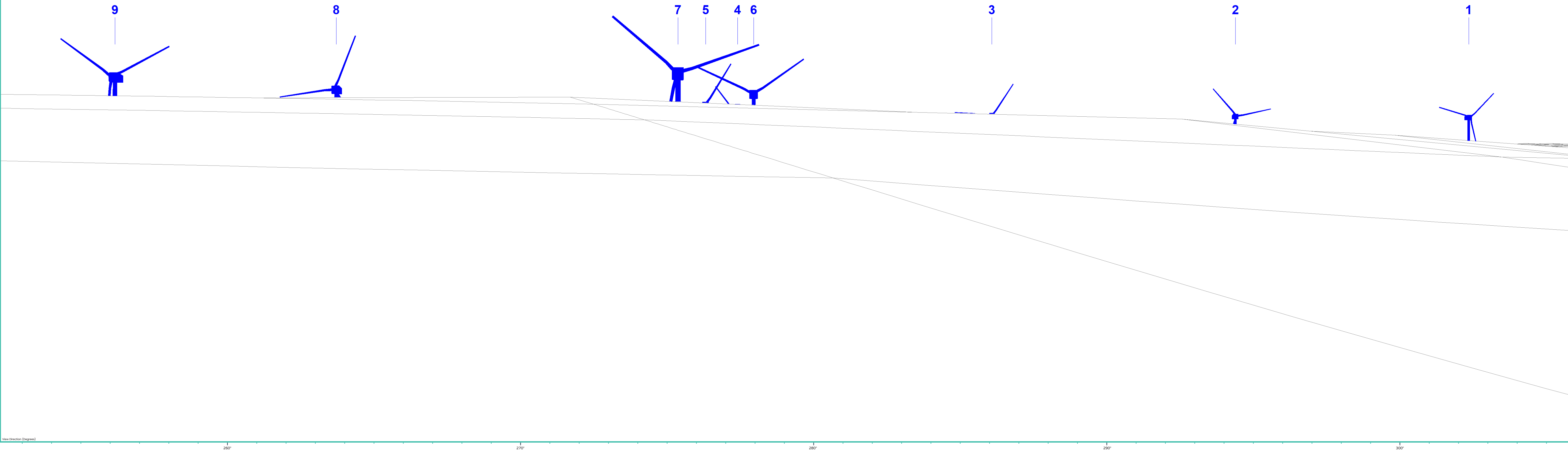
Matching Wireline



Proposed Photomontage with Cumulative at 53.5°



Proposed Umma More Wind Farm



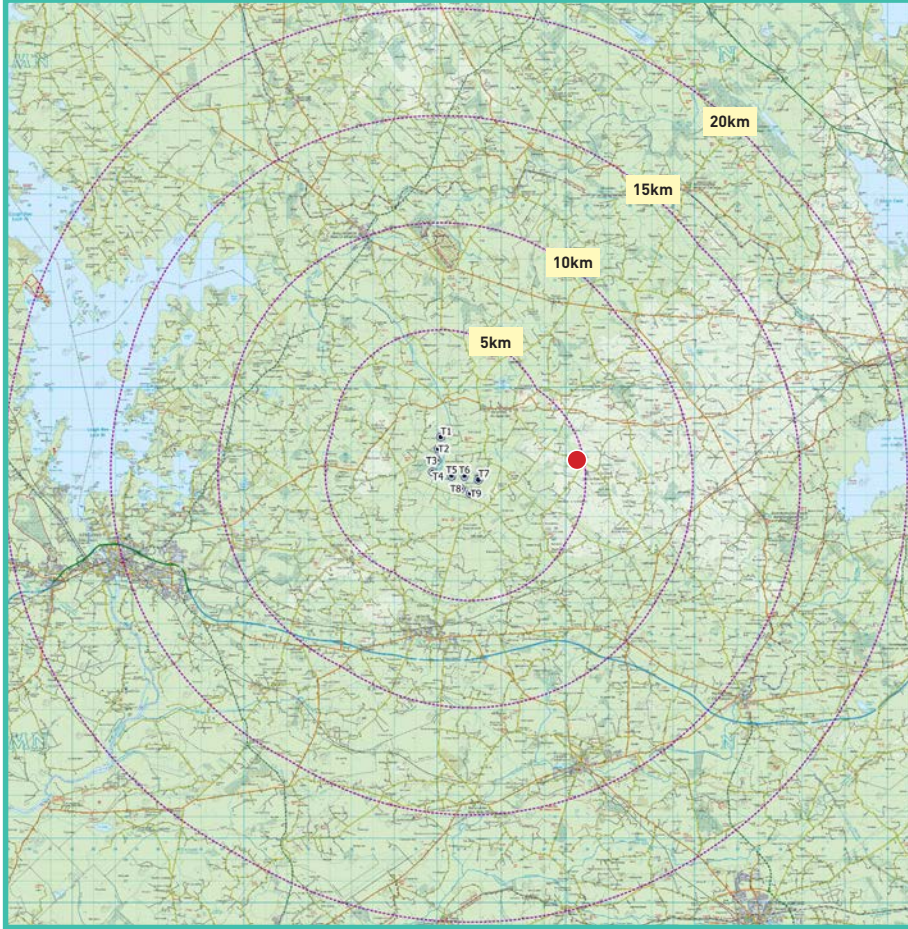
View Point 05

Ballinkeeny

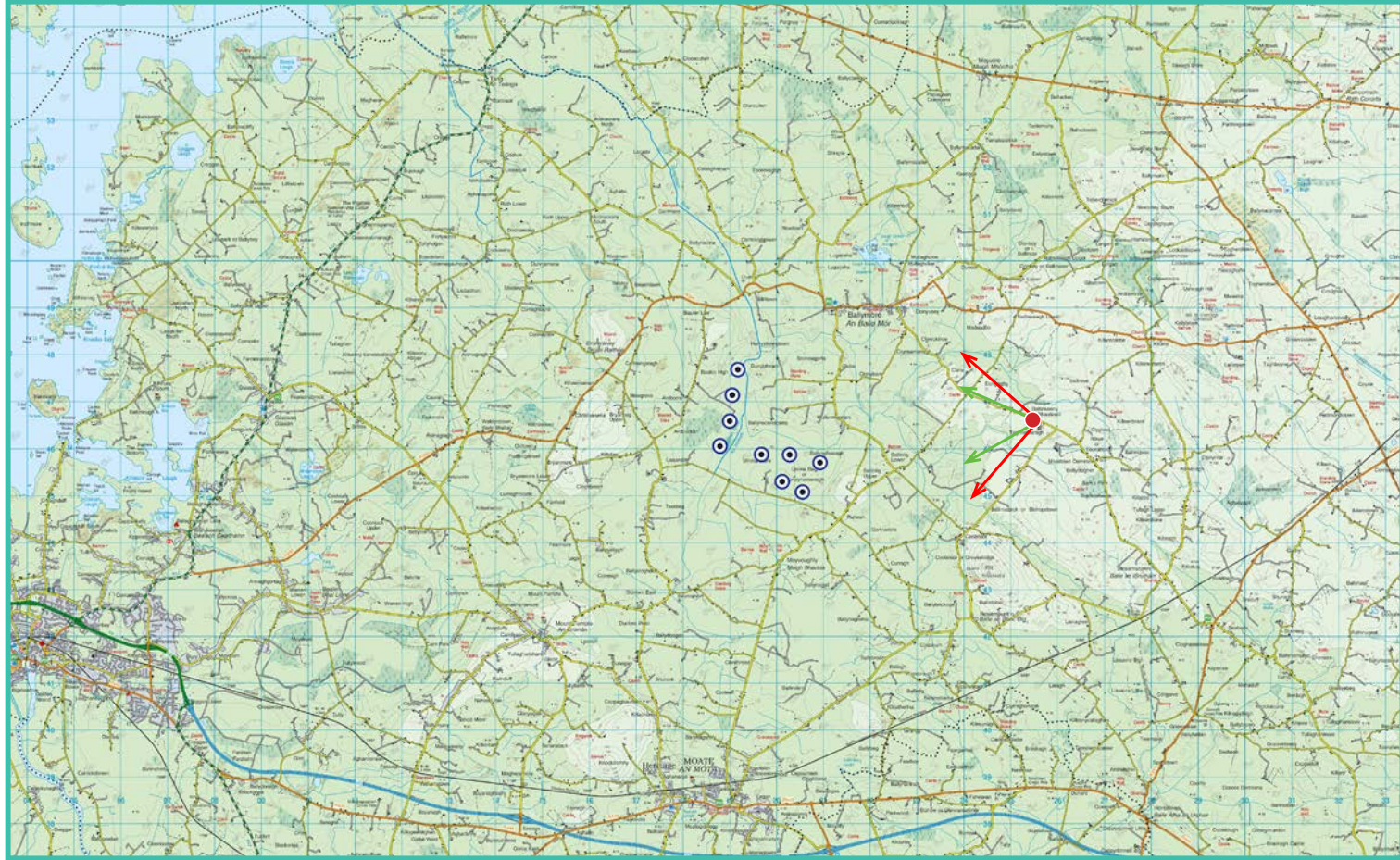
Photomontage 05

View from U240 Local Road (Boher Road) in the townland of **Ballinkeeny**. The viewpoint is located approximately 4.7km east of the nearest proposed turbine (T7).

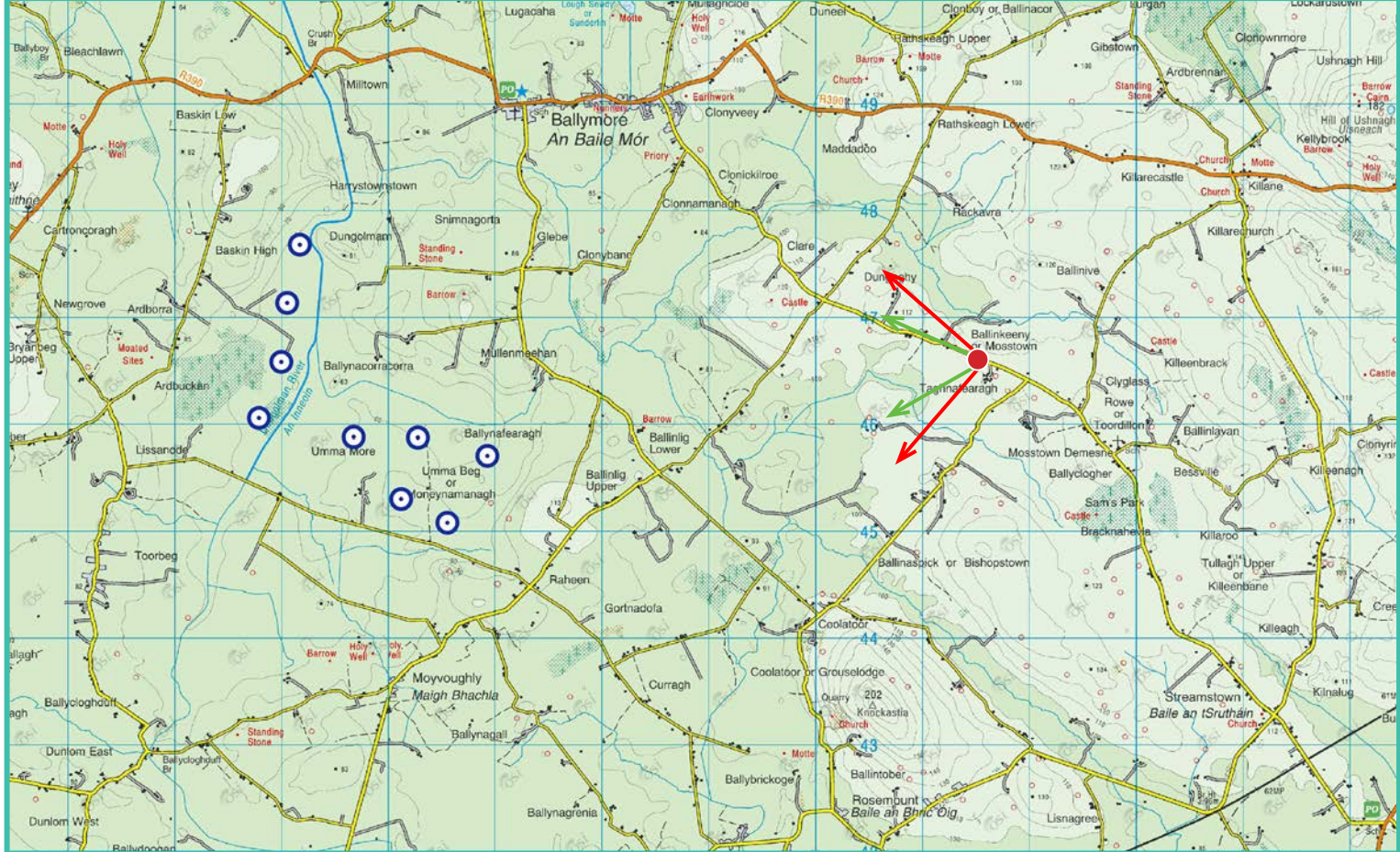
View point grid reference	625518(E); 746610(N)
Date of image taken	2021.08.13
Time of image taken	11:16
View point elevation	111m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	266°
Horizontal extent of proposed turbines	26°
Distance to nearest proposed turbine	4.7km (T7)
Number of proposed turbines visible	9/9
Turbine Hub Height	104m
Turbine Tip Height	185m
Turbine Rotor Diameter	162m
Camera	Canon 5D Mark III / Full Frame Sensor.
Lens	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 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 Umma More Wind Farm
- Proposed Lemanaghan Wind Farm
- Proposed Derryadd Wind Farm
- Existing Wind Farms
- Proposed Met Mast (30m)
- Knockastia
- Hill of Uisnieach

Prepared by

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Planning & Environmental Consultants
Tuam Road, Galway.

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



Key Image at 120°

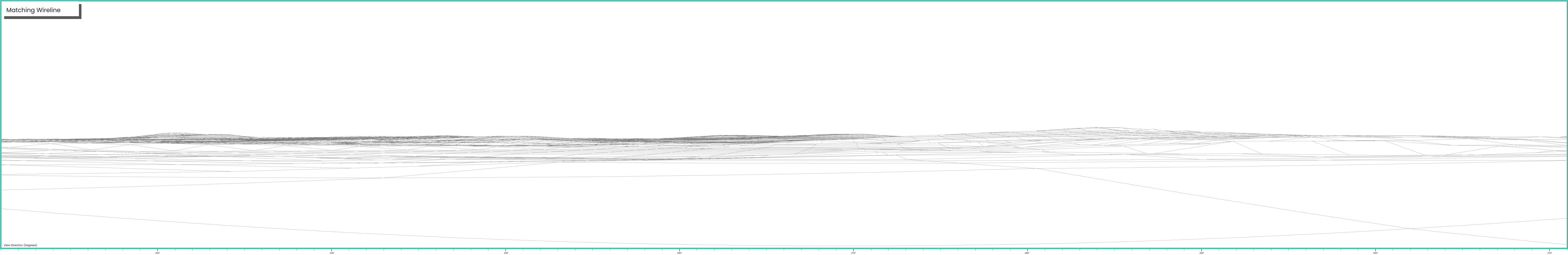
90° View Extent

53.5° View Extent

Baseline View at 90°



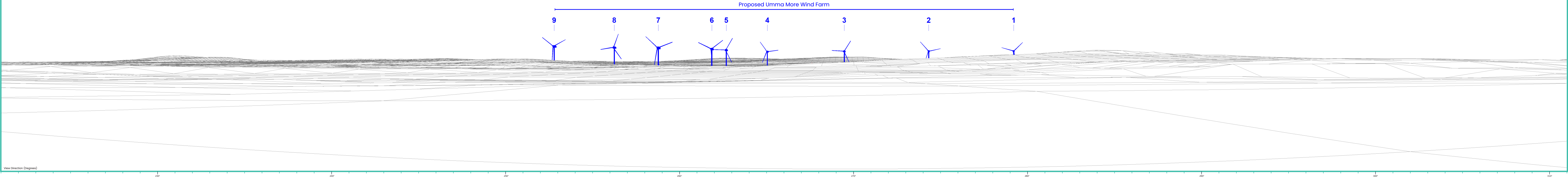
Matching Wireline



Proposed Photomontage with Cumulative at 90°

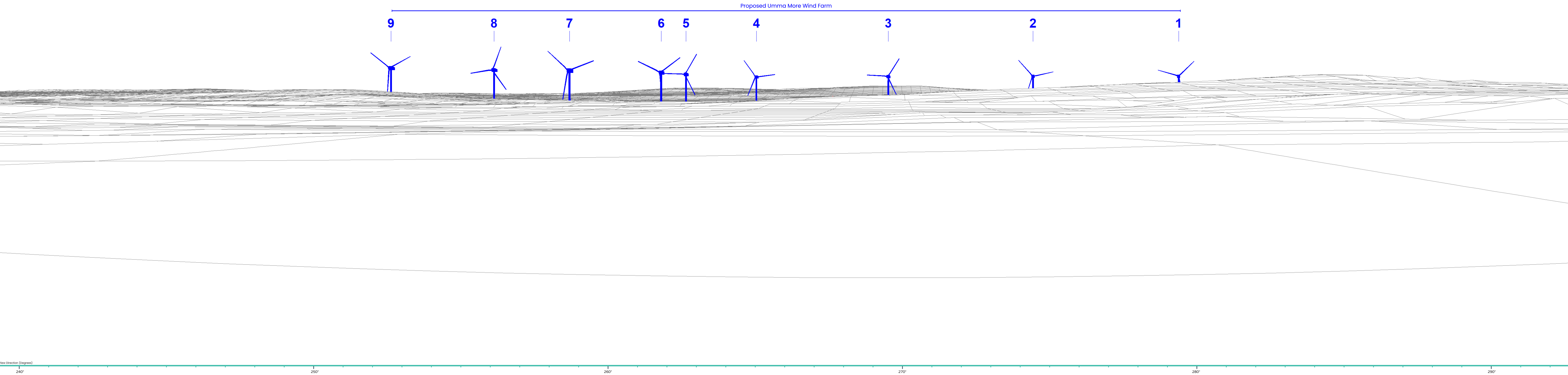


Matching Wireline



Proposed Photomontage with Cumulative at 53.5°

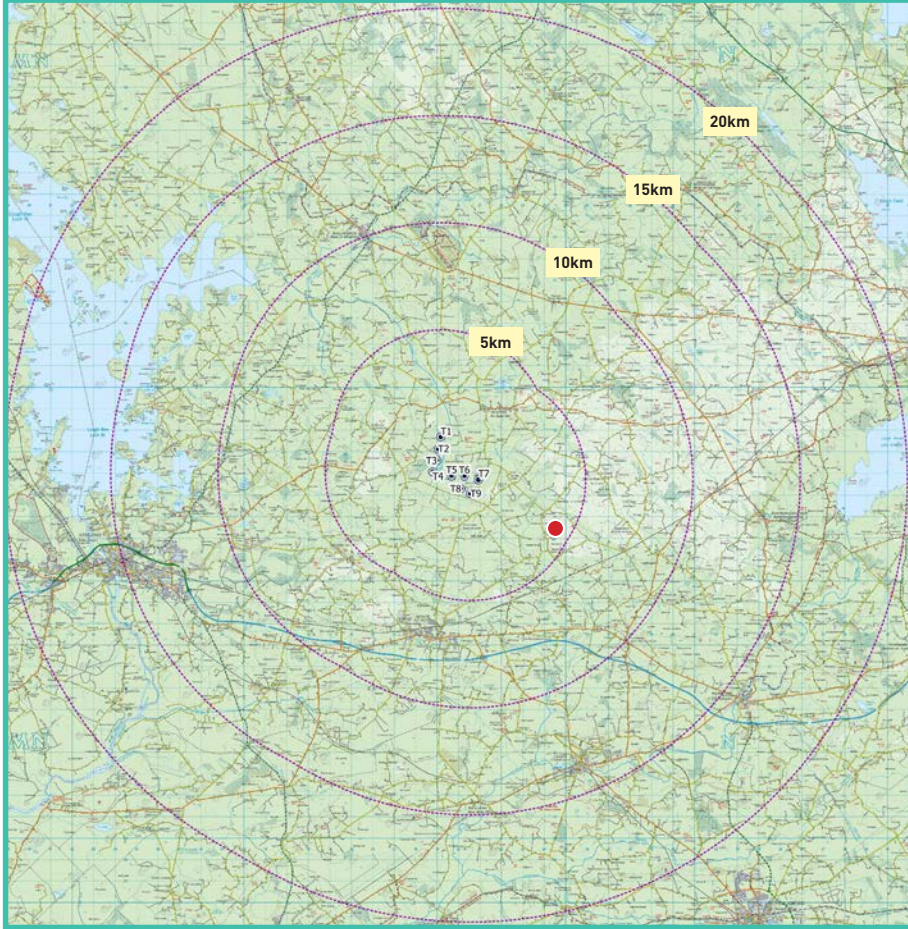




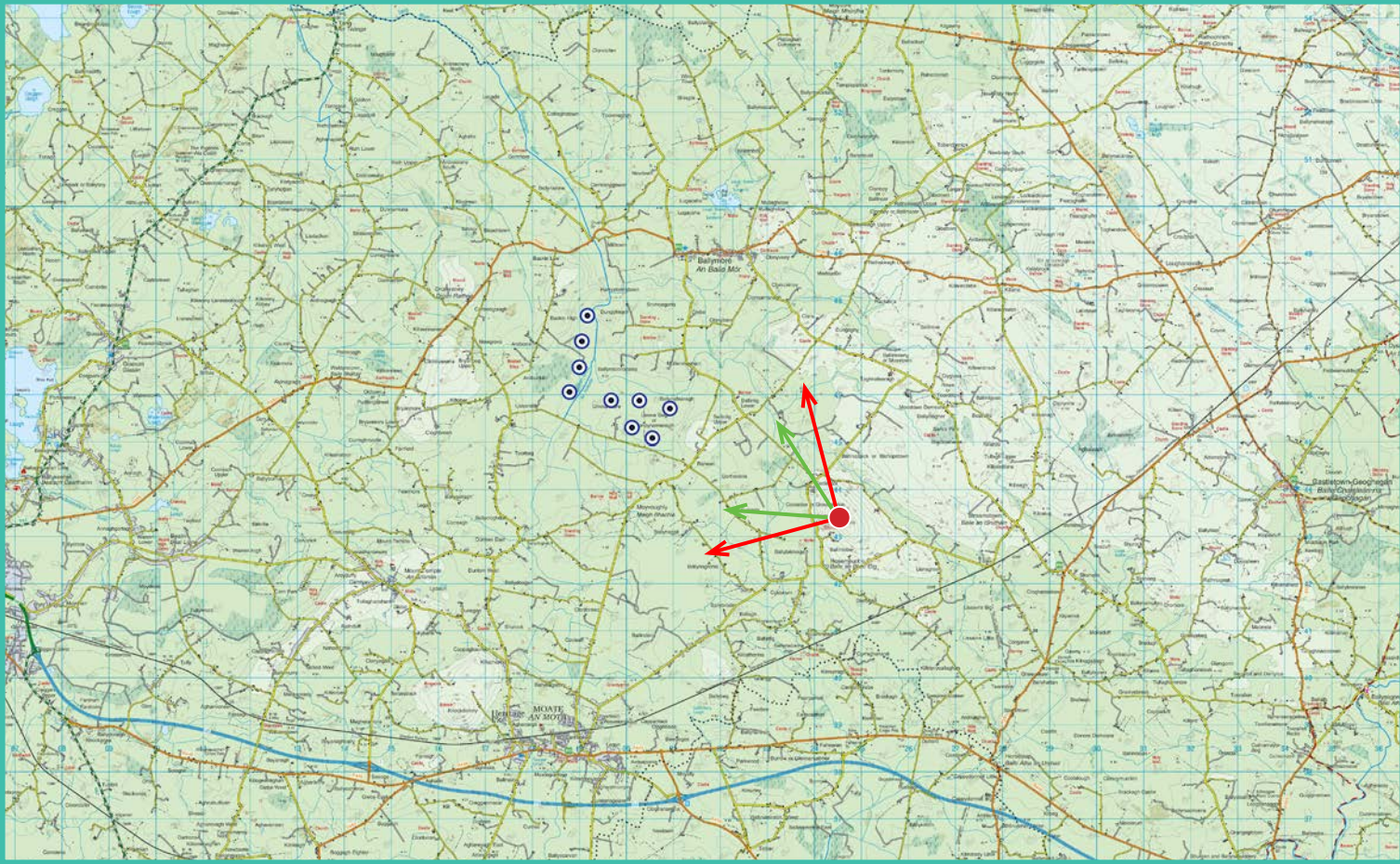
Photomontage 06

View from **Knockastia Hill** in the townland of Coolatoor, located approximately 4.2km southeast of the nearest proposed turbine (T7). This viewpoint is located at Westmeath Protected View 9 (WCDP, 2021–2027).

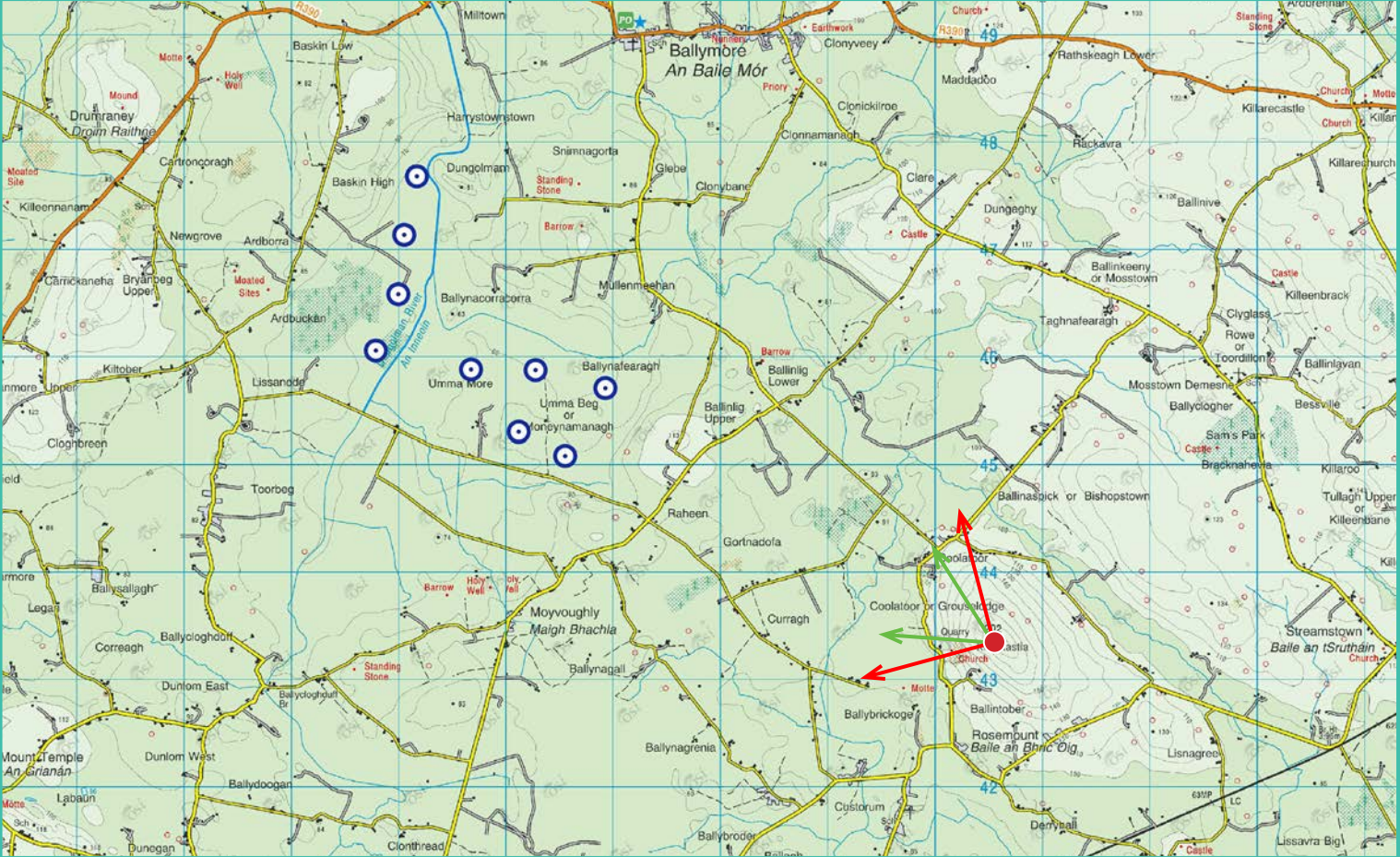
View point grid reference	624483(E); 743404(N)
Date of image taken	2021.08.25
Time of image taken	11:49
View point elevation	194m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	300°
Horizontal extent of proposed turbines	16°
Distance to nearest proposed turbine	4.2km (T7)
Number of proposed turbines visible	9/9
Turbine Hub Height	104m
Turbine Tip Height	185m
Turbine Rotor Diameter	162m
Camera	Canon 5D Mark III / Full Frame Sensor.
Lens	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 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 Umma More Wind Farm
- Proposed Lemanaghan Wind Farm
- Proposed Derryadd Wind Farm
- Existing Wind Farms
- Proposed Met Mast (30m)
- Knockastia Hill of Uisnieach

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Website: www.mkofireland.ie

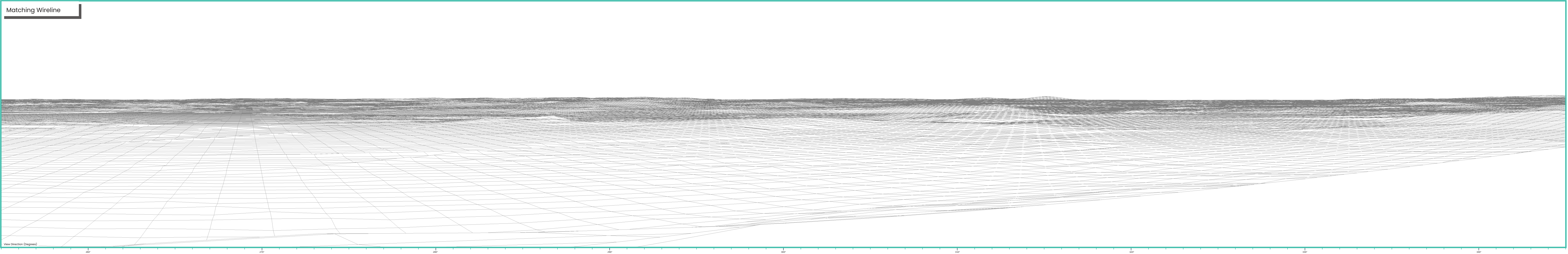


53.5° View Extent

Baseline View at 90°



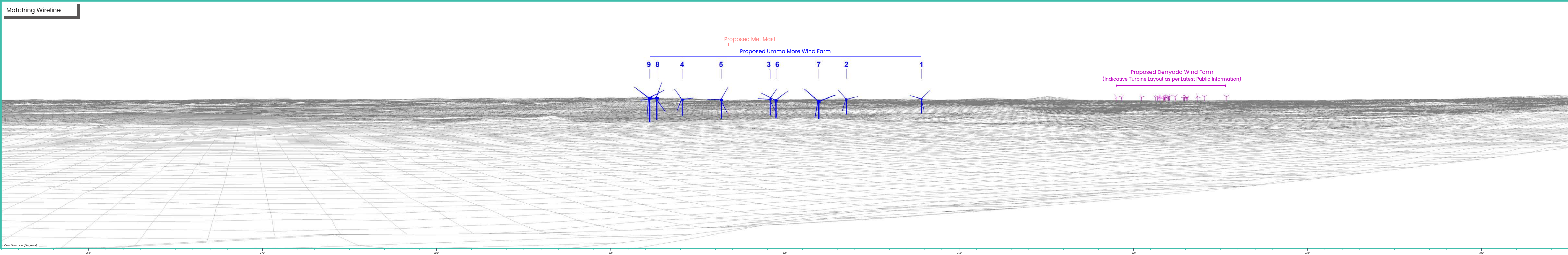
Matching Wireline



Proposed Photomontage with Cumulative at 90°

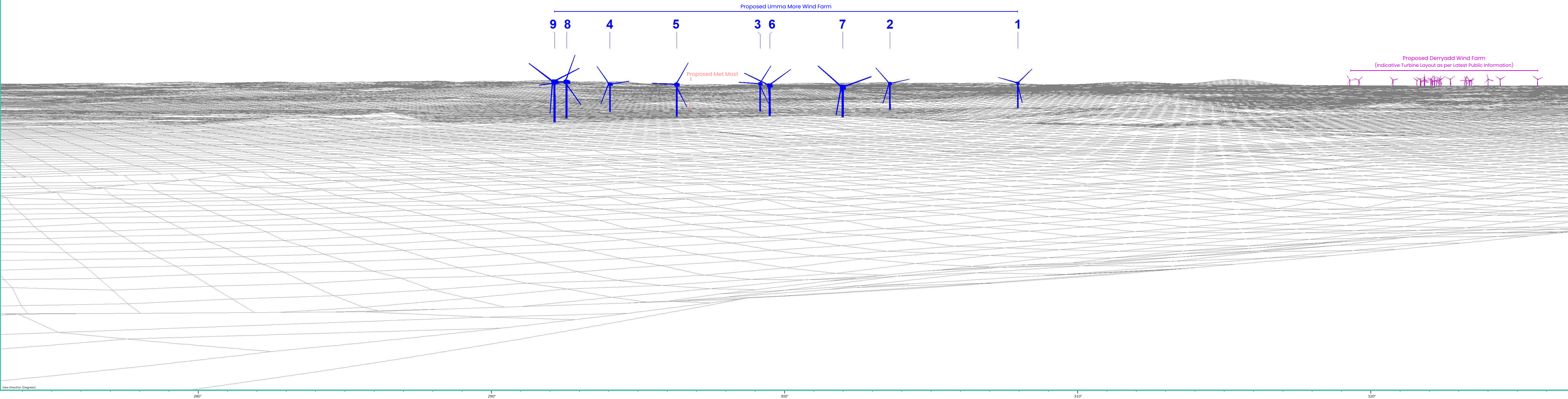


Matching Wireline



Proposed Photomontage with Cumulative at 53.5°

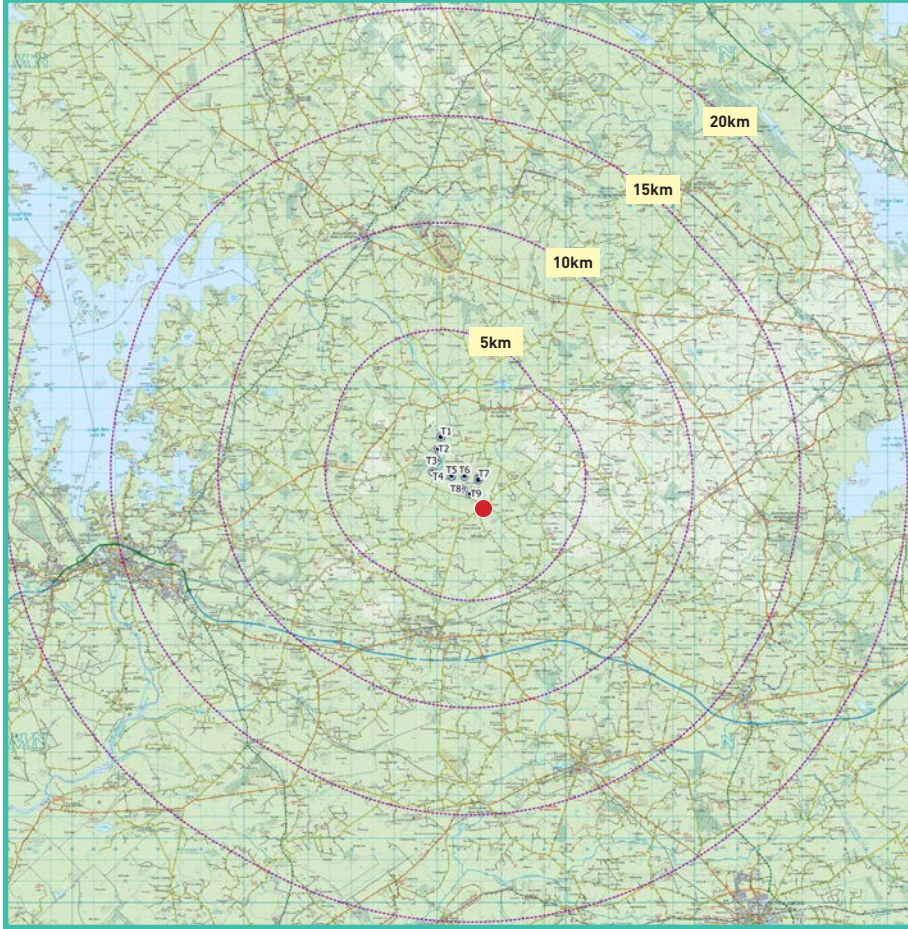




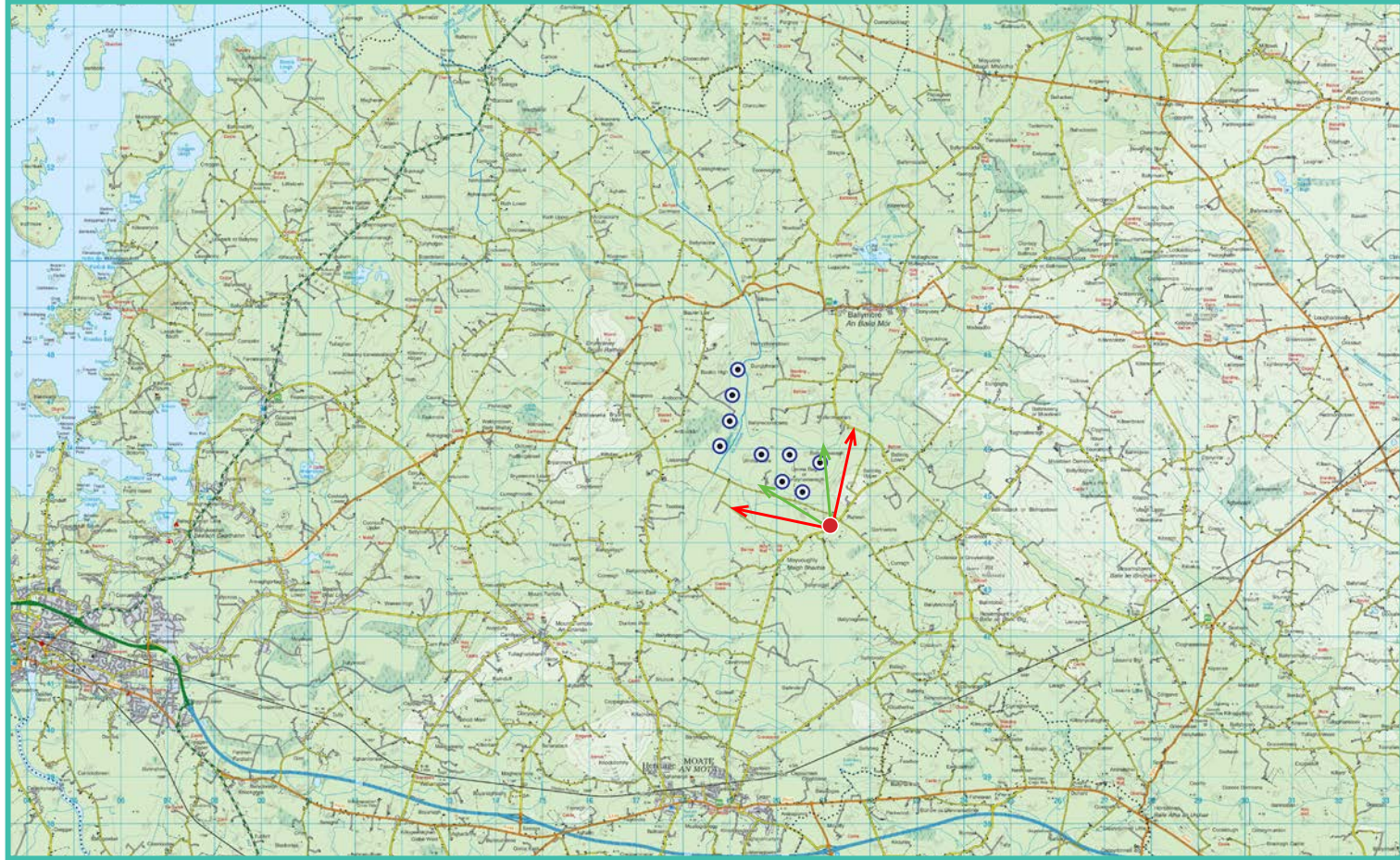
Photomontage 07

View from a local road in **Raheen**. This viewpoint is located approximately 983m south of the nearest proposed turbine (T9)

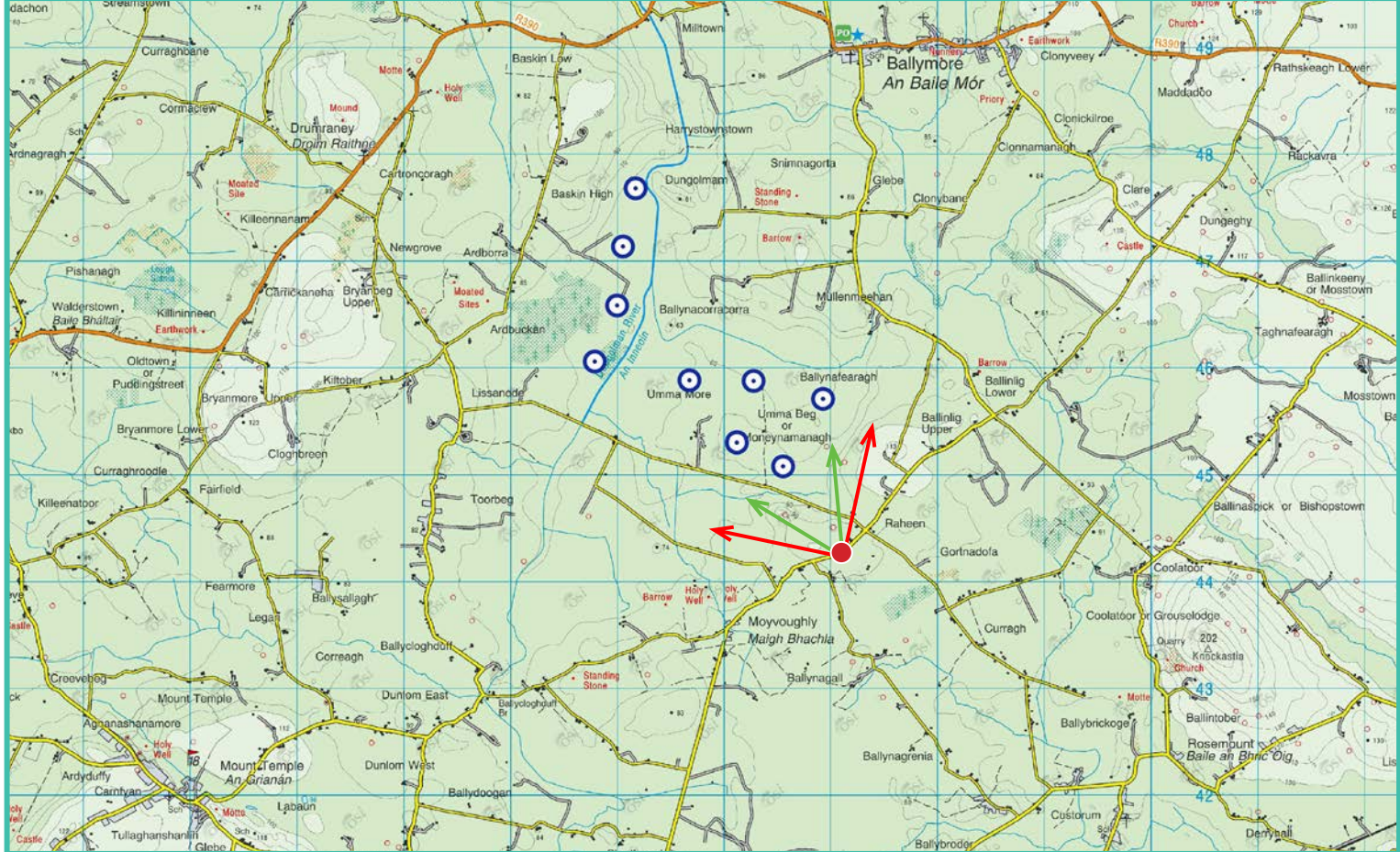
View point grid reference	621083(E); 744312(N)
Date of image taken	2022.07.18
Time of image taken	10:31
View point elevation	94m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	326°
Horizontal extent of proposed turbines	45°
Distance to nearest proposed turbine	983m (T9)
Number of proposed turbines visible	8/9
Turbine Hub Height	104m
Turbine Tip Height	185m
Turbine Rotor Diameter	162m
Camera	Canon 5D Mark III / Full Frame Sensor.
Lens	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 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 Umma More Wind Farm
- Proposed Lemanaghan Wind Farm
- Proposed Derryadd Wind Farm
- Existing Wind Farms
- Proposed Met Mast (30m)
- Knockastia
- Hill of Uisnieach

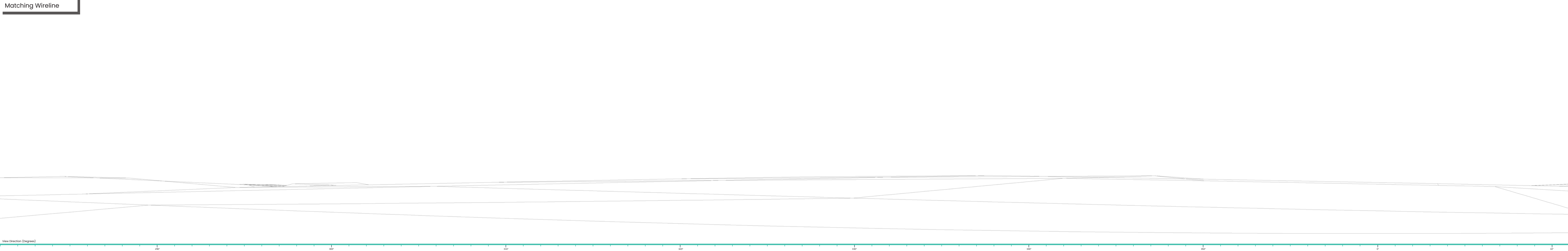
Prepared by
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Planning & Environmental Consultants
Tuam Road, Galway.
Tel: (091) 73 56 11
E-mail: info@mkofireland.ie
Website: www.mkofireland.ie



Key Image at 120°

90° View Extent

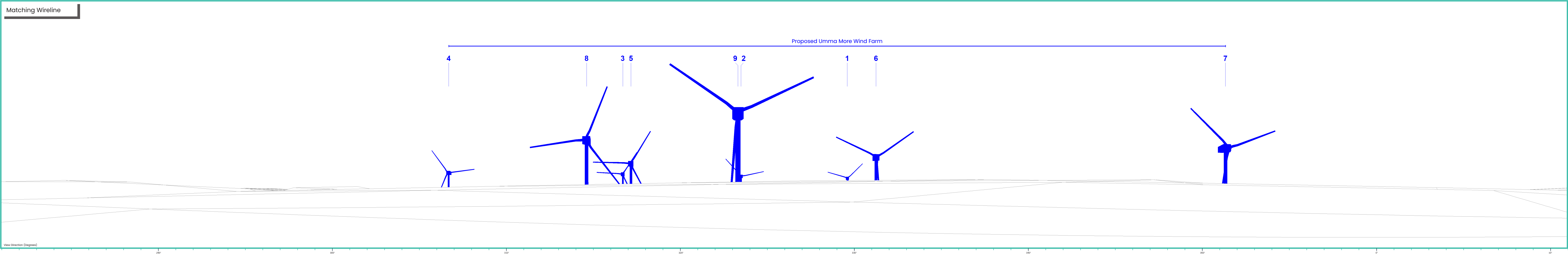
53.5° View Extent



Proposed Photomontage with Cumulative at 90°



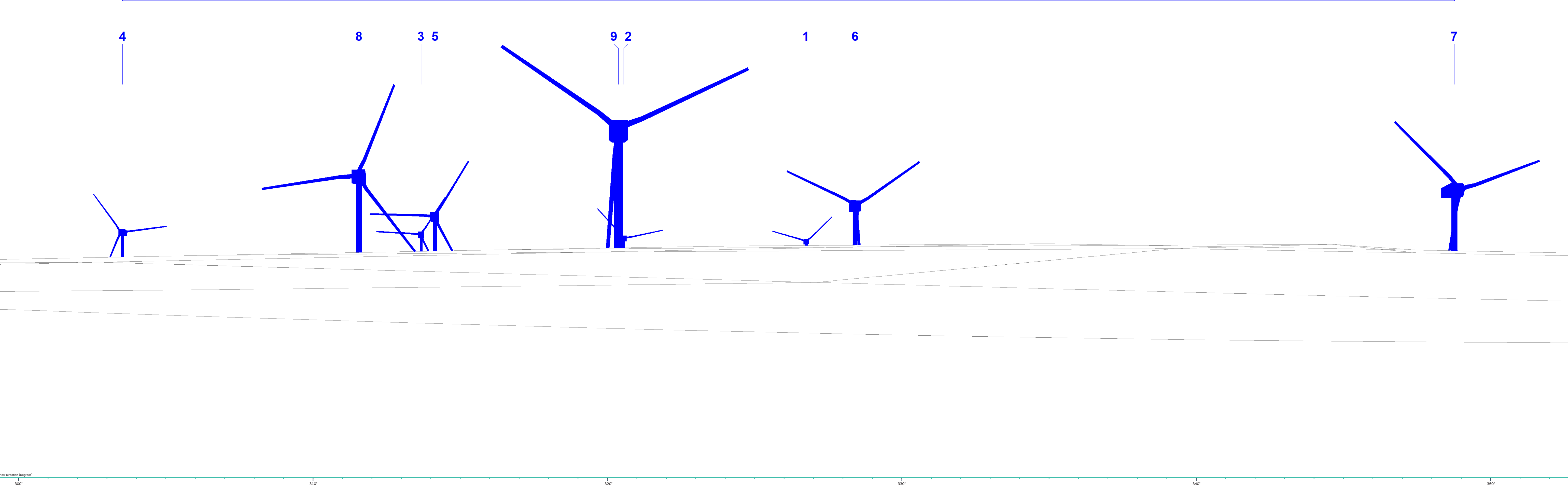
Matching Wireline



Proposed Photomontage with Cumulative at 53.5°



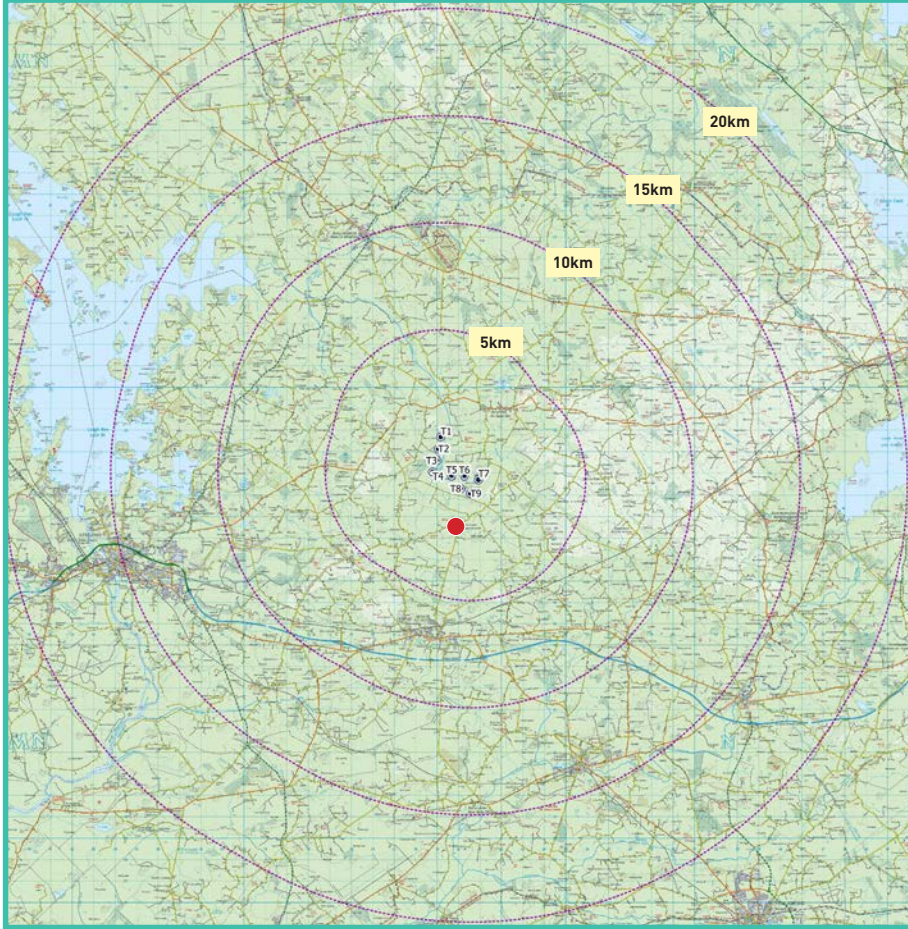
Proposed Umma More Wind Farm



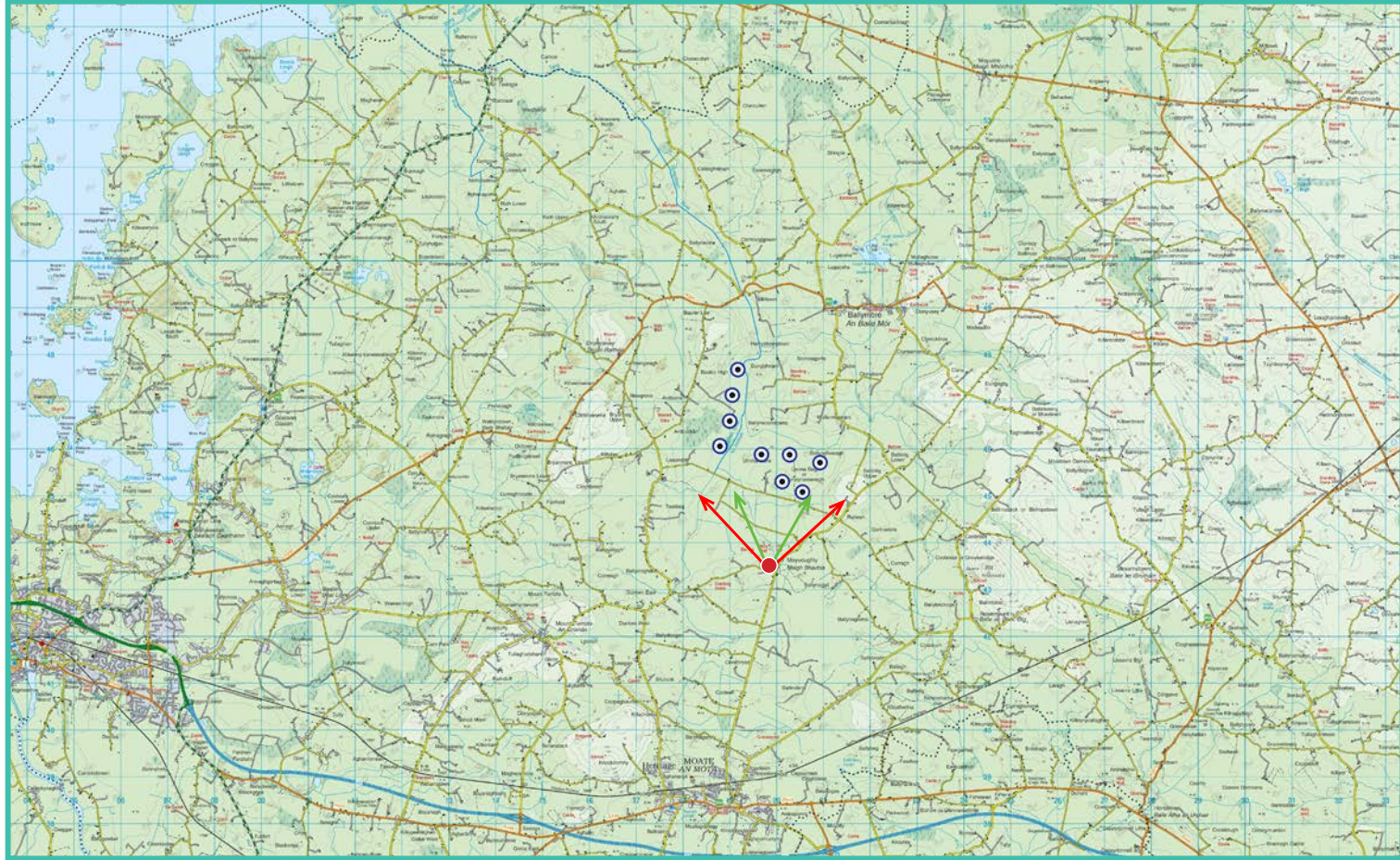
Photomontage 08

View from local sports hall in the townland of **Moyvoughly**. The viewpoint is located approximately 1.7km southwest of the nearest proposed turbine (T9).

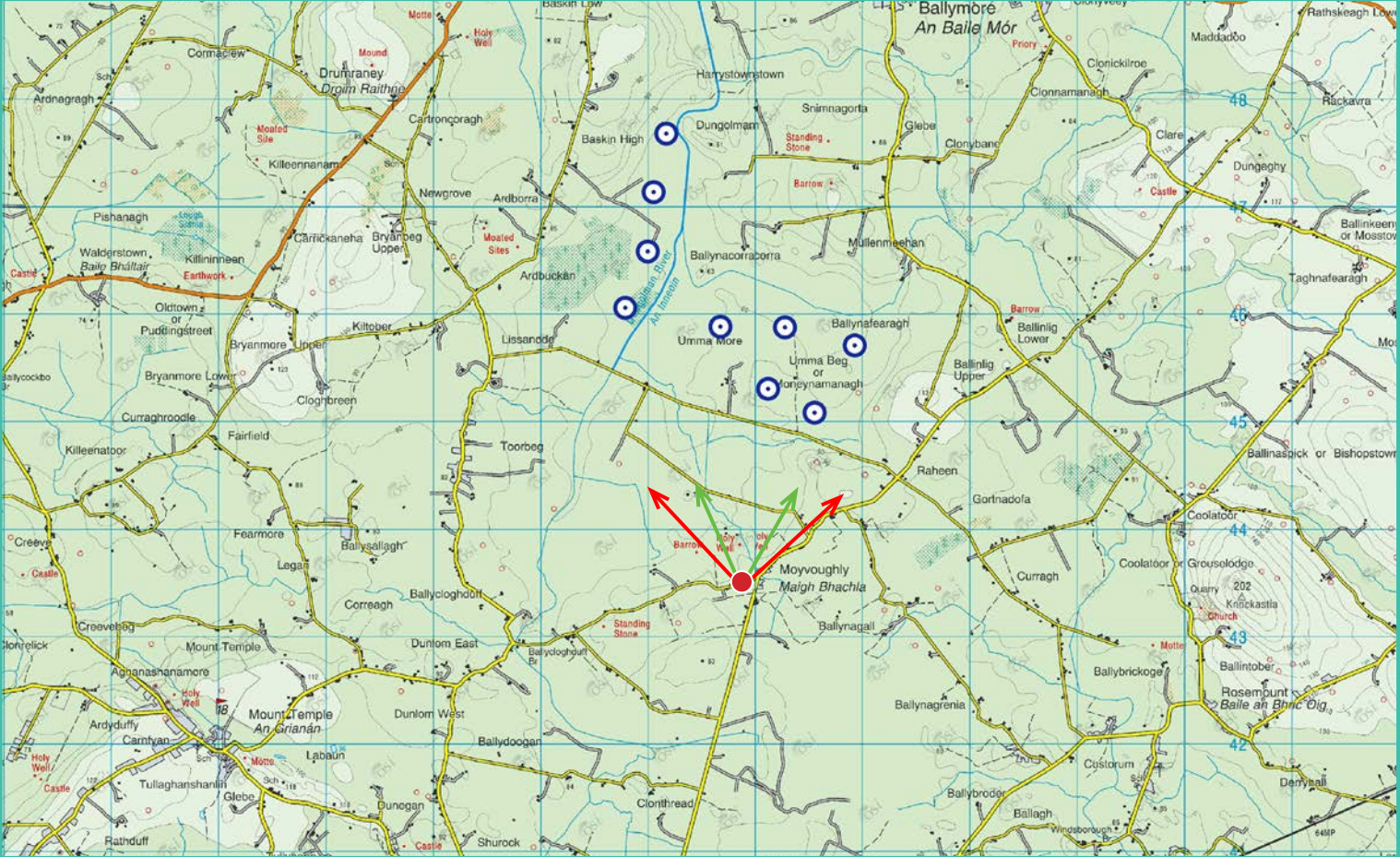
View point grid reference	619859(E); 743563(N)
Date of image taken	2022.07.18
Time of image taken	10:46
View point elevation	80m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	1°
Horizontal extent of proposed turbines	48°
Distance to nearest proposed turbine	1.7km (T9)
Number of proposed turbines visible	7/9
Turbine Hub Height	104m
Turbine Tip Height	185m
Turbine Rotor Diameter	162m
Camera	Canon 5D Mark III / Full Frame Sensor.
Lens	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 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 Umma More Wind Farm
- Proposed Lemanaghan Wind Farm
- Proposed Derryadd Wind Farm
- Existing Wind Farms
- Proposed Met Mast (30m)
- Knockastia
- Hill of Uisnieach

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Website: www.mkofireland.ie



53.5° View Extent

Baseline View at 90°



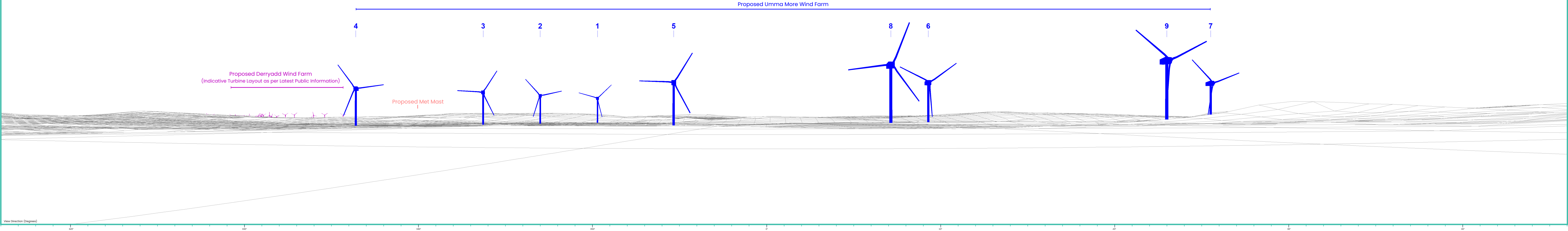
Matching Wireline



Proposed Photomontage with Cumulative at 90°



Matching Wireline

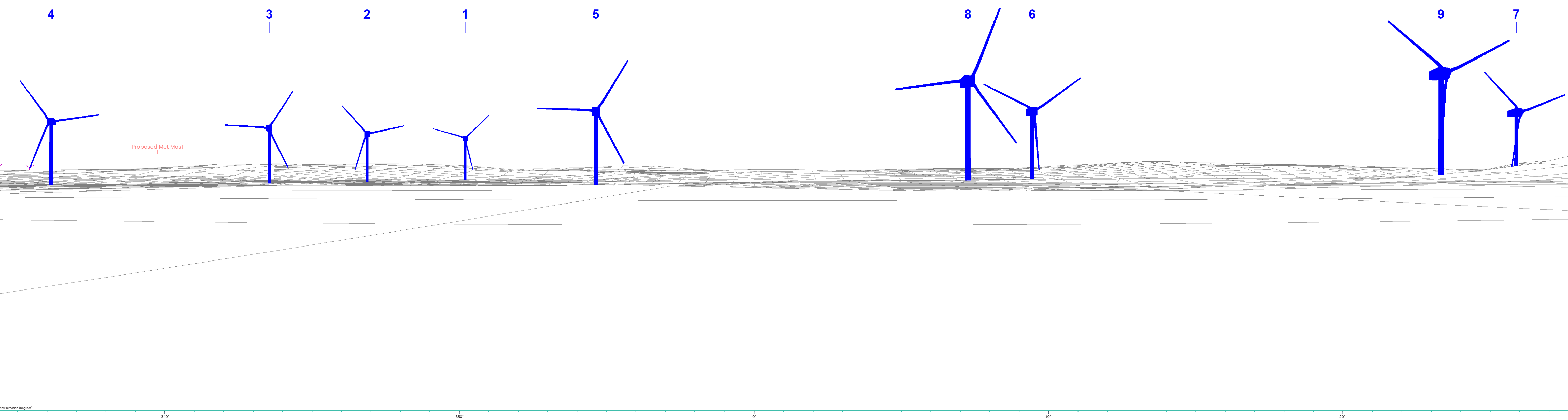


Proposed Photomontage with Cumulative at 53.5°



Proposed Derryadd Wind Farm
(Indicative Turbine Layout as per Latest Public Information)

Proposed Umma More Wind Farm



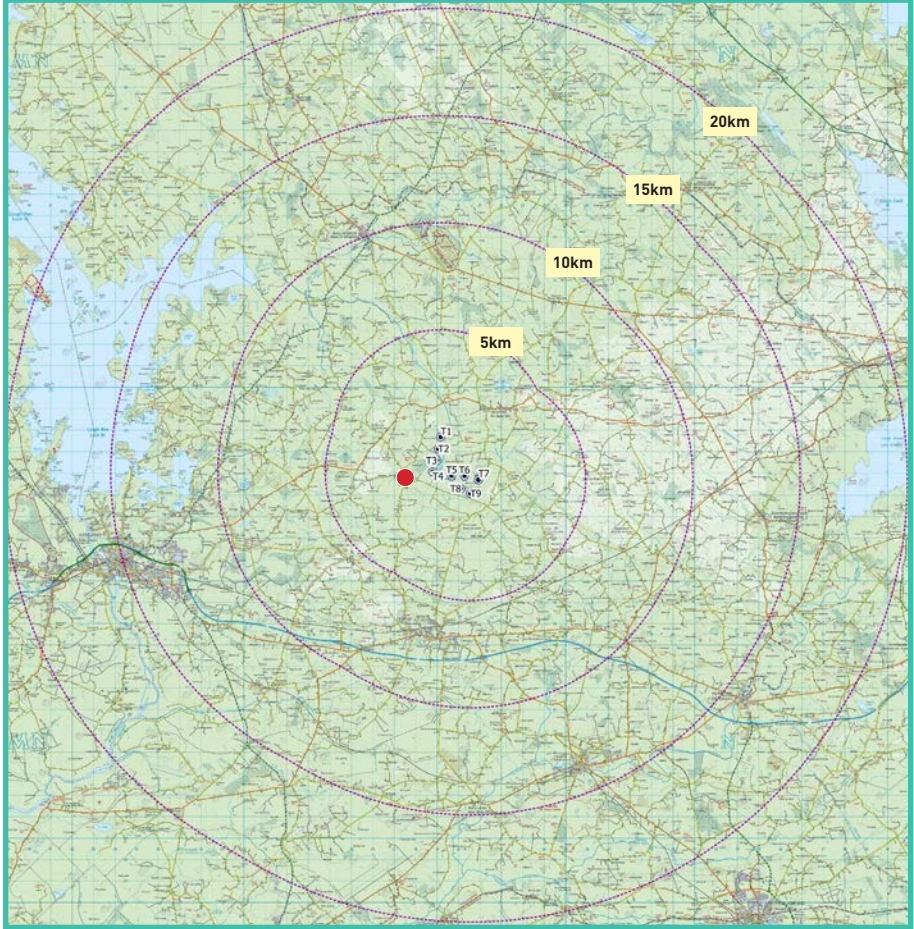
View Point 09

Lissanode

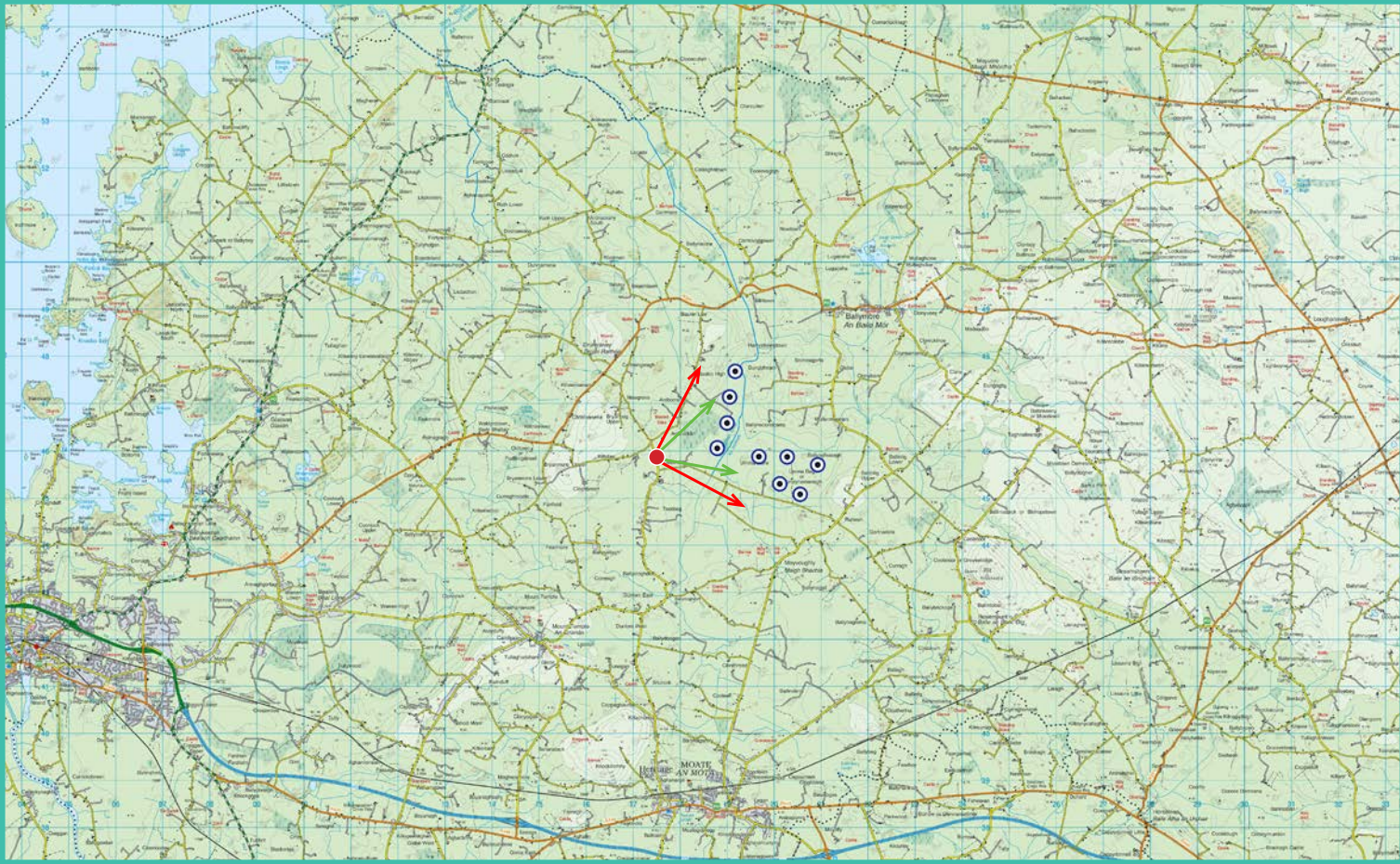
Photomontage 09

View from a local road in the townland of **Lissanode**. The viewpoint is located approximately 1.3km west of the nearest proposed turbine (T4).

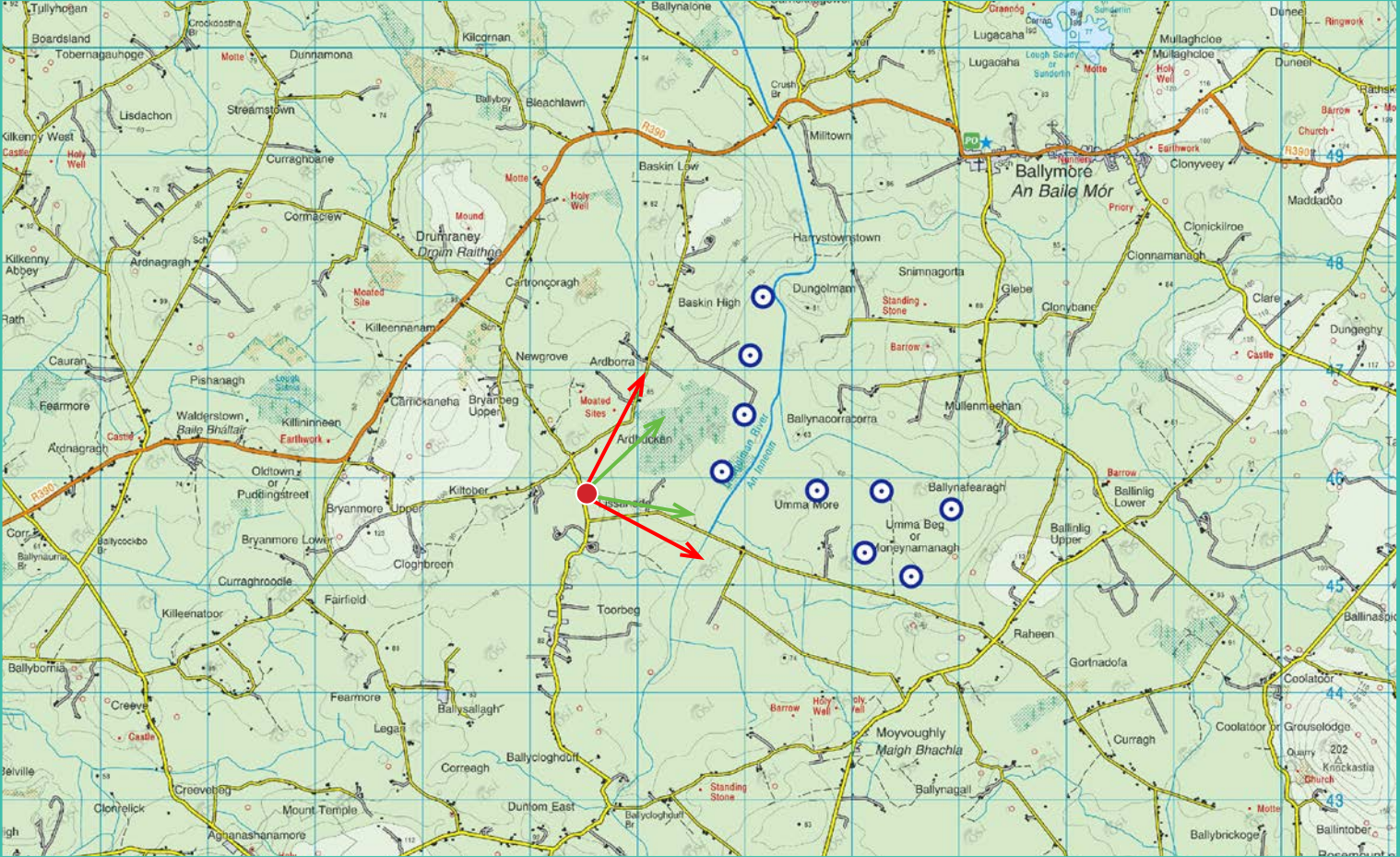
View point grid reference	617434(E); 745837(N)
Date of image taken	2022.07.18
Time of image taken	11:30
View point elevation	86m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	73°
Horizontal extent of proposed turbines	61°
Distance to nearest proposed turbine	1.3km (T4)
Number of proposed turbines visible	9/9
Turbine Hub Height	104m
Turbine Tip Height	185m
Turbine Rotor Diameter	162m
Camera	Canon 5D Mark III / Full Frame Sensor.
Lens	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 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 Umma More Wind Farm
- Proposed Lemanaghan Wind Farm
- Proposed Derryadd Wind Farm
- Existing Wind Farms
- Proposed Met Mast (30m)
- Knockastia
- Hill of Uisnieach

Prepared by

MKO
Planning & Environmental Consultants
Tuam Road, Galway.

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



Key Image at 120°

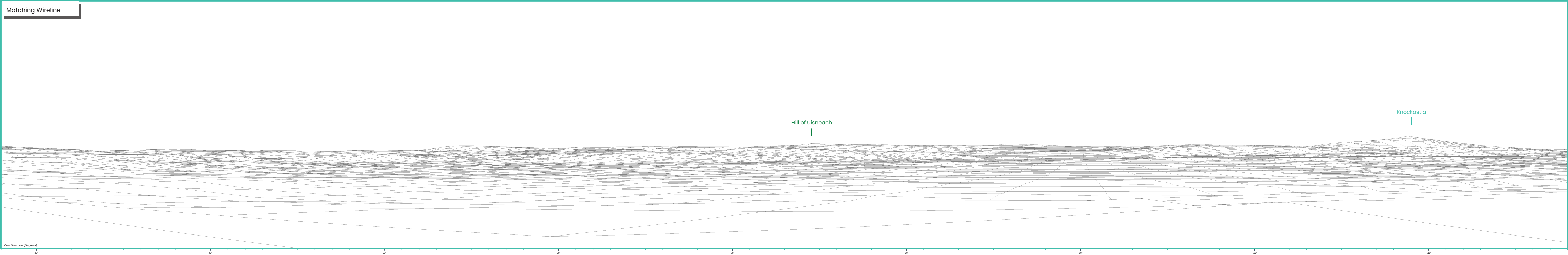


53.5° View Extent

Baseline View at 90°



Matching Wireline

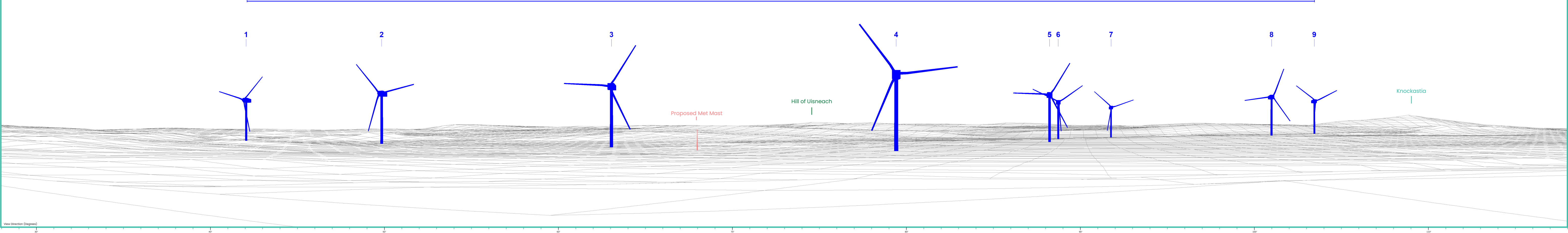


Proposed Photomontage with Cumulative at 90°



Matching Wireline

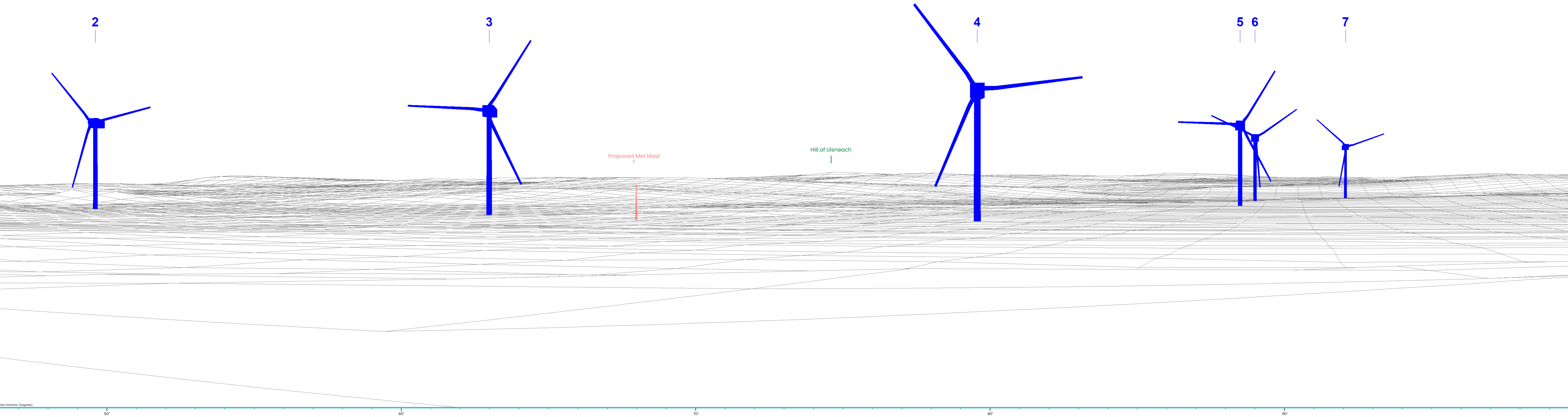
Proposed Umma More Wind Farm



Proposed Photomontage with Cumulative at 53.5°



Proposed Umma More Wind Farm



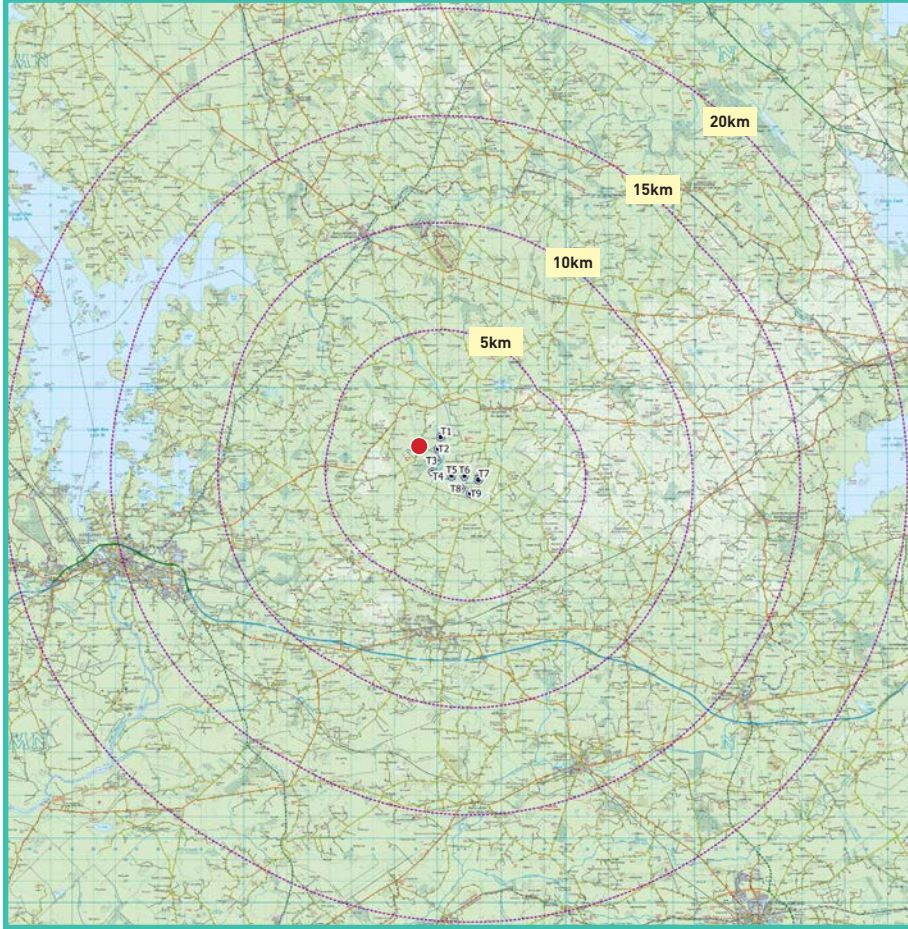
View Point 10

Baskin High

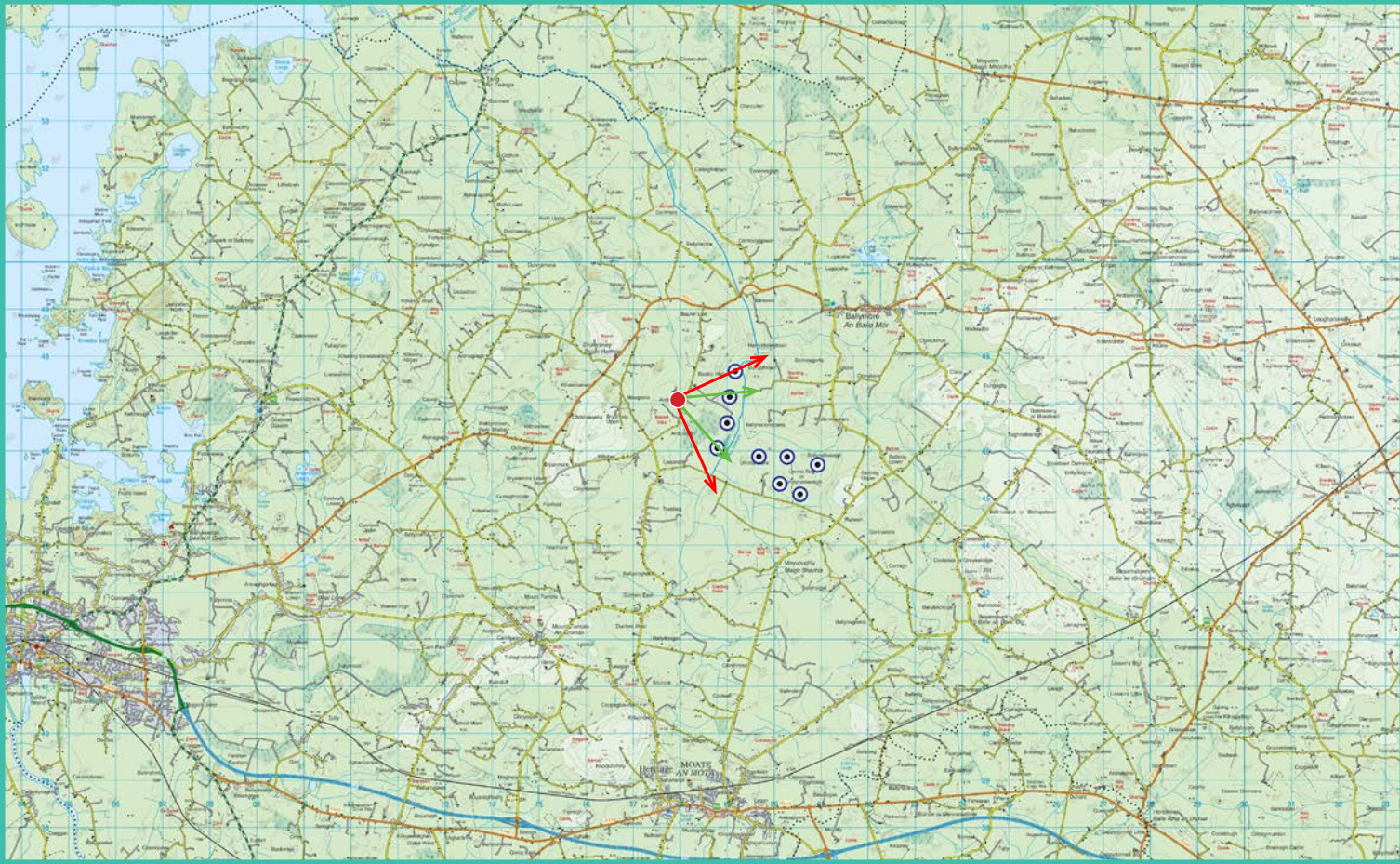
Photomontage 10

View from a local road between several residential dwellings in the townland of **Baskin High**. This viewpoint is located approximately 891m west of the nearest proposed turbine (T2)

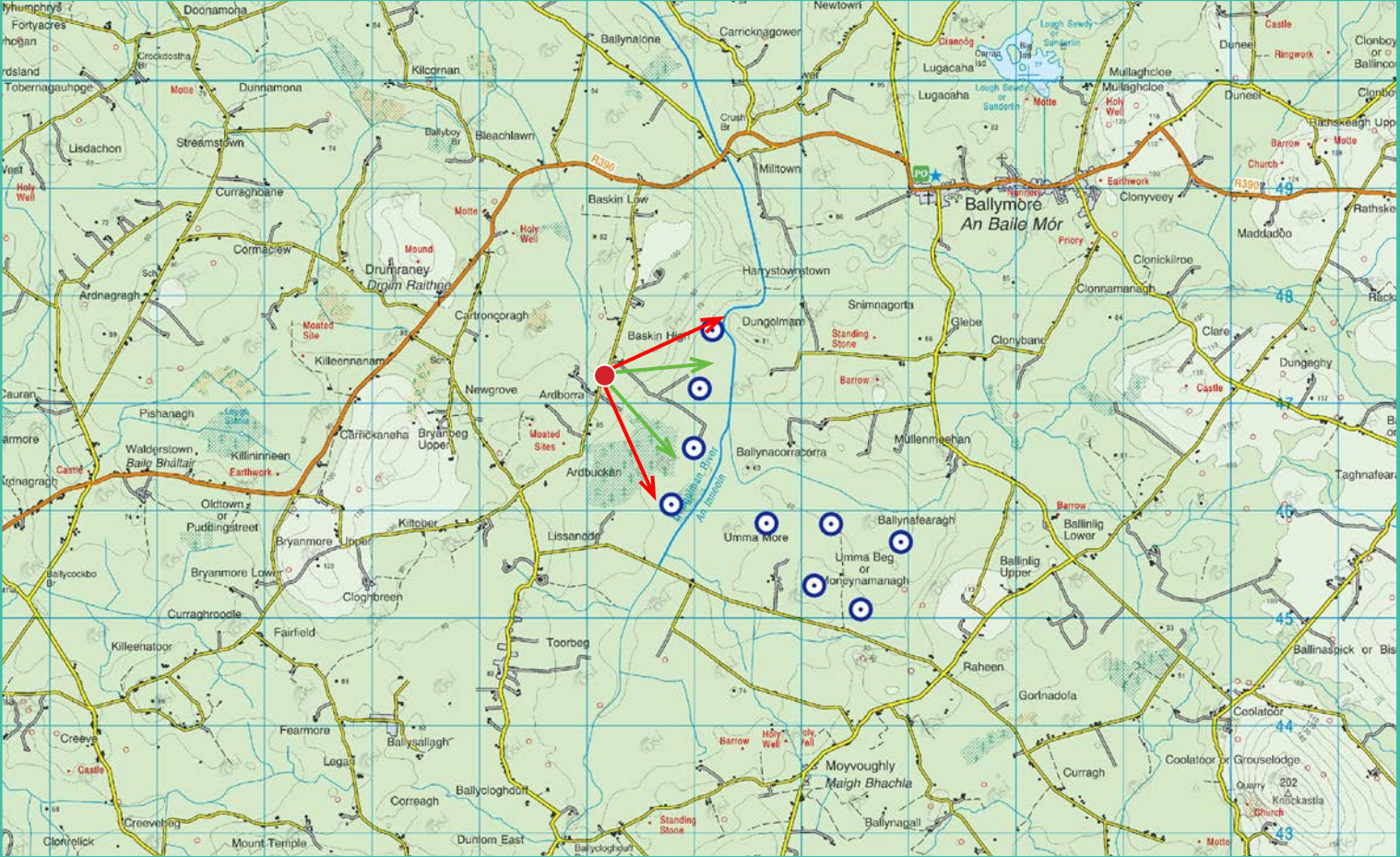
View point grid reference	618118(E); 747284(N)
Date of image taken	2022.07.18
Time of image taken	11:45
View point elevation	77m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	110°
Horizontal extent of proposed turbines	85°
Distance to nearest proposed turbine	891m (T2)
Number of proposed turbines visible	7/9
Turbine Hub Height	104m
Turbine Tip Height	185m
Turbine Rotor Diameter	162m
Camera	Canon 5D Mark III / Full Frame Sensor.
Lens	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 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 Umma More Wind Farm

Proposed Lemanaghan Wind Farm

Proposed Derryadd Wind Farm

Existing Wind Farms

Proposed Met Mast (30m)

Knockastia

Hill of Uisnieach

Prepared by

MKO

Planning & Environmental Consultants

Tuam Road, Galway.

Tel: (091) 73 56 11

E-mail: info@mkoireland.ie

Website: www.mkoireland.ie

MKO



Key Image at 120°

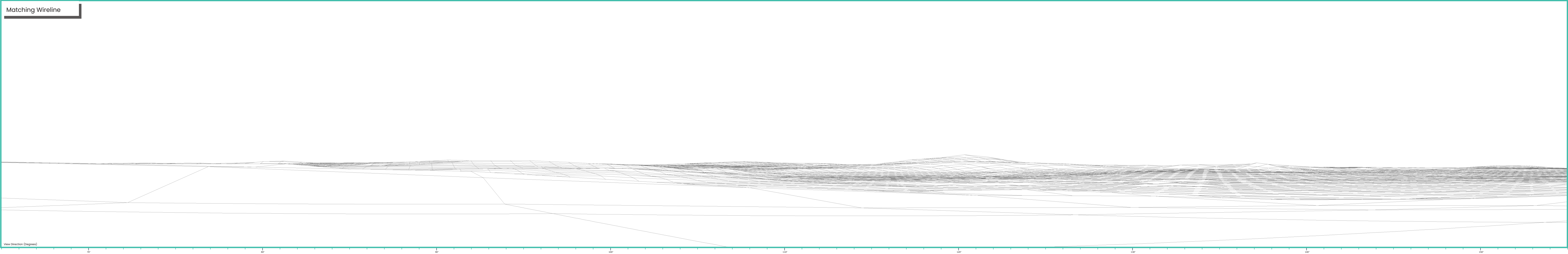
90° View Extent

53.5° View Extent

Baseline View at 90°



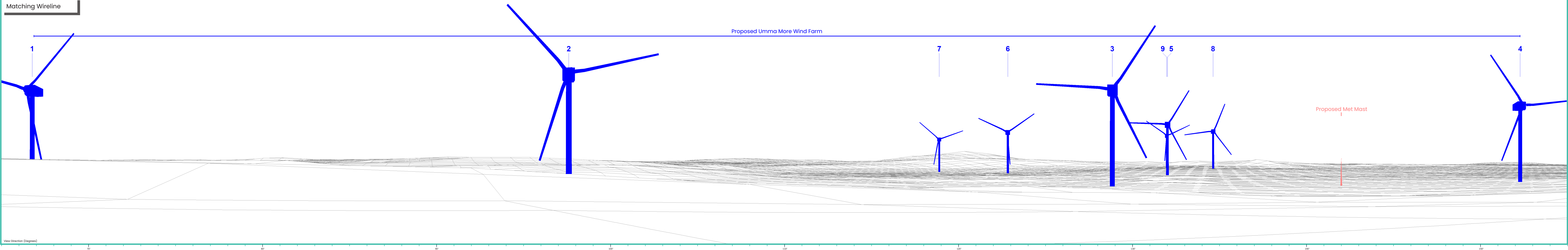
Matching Wireline



Proposed Photomontage with Cumulative at 90°



Matching Wireline



Proposed Photomontage with Cumulative at 53.5°



Proposed Umma More Wind Farm

2

7

6

3

9

5

8

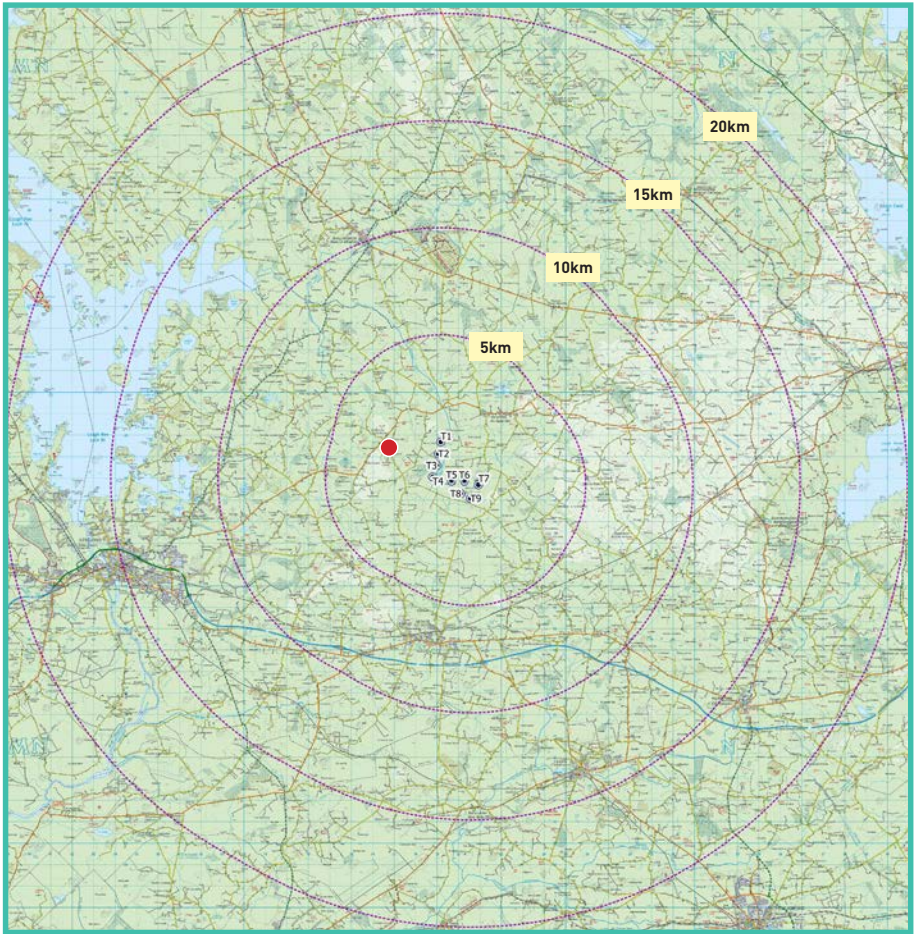
View Point 11

Cartroncoragh

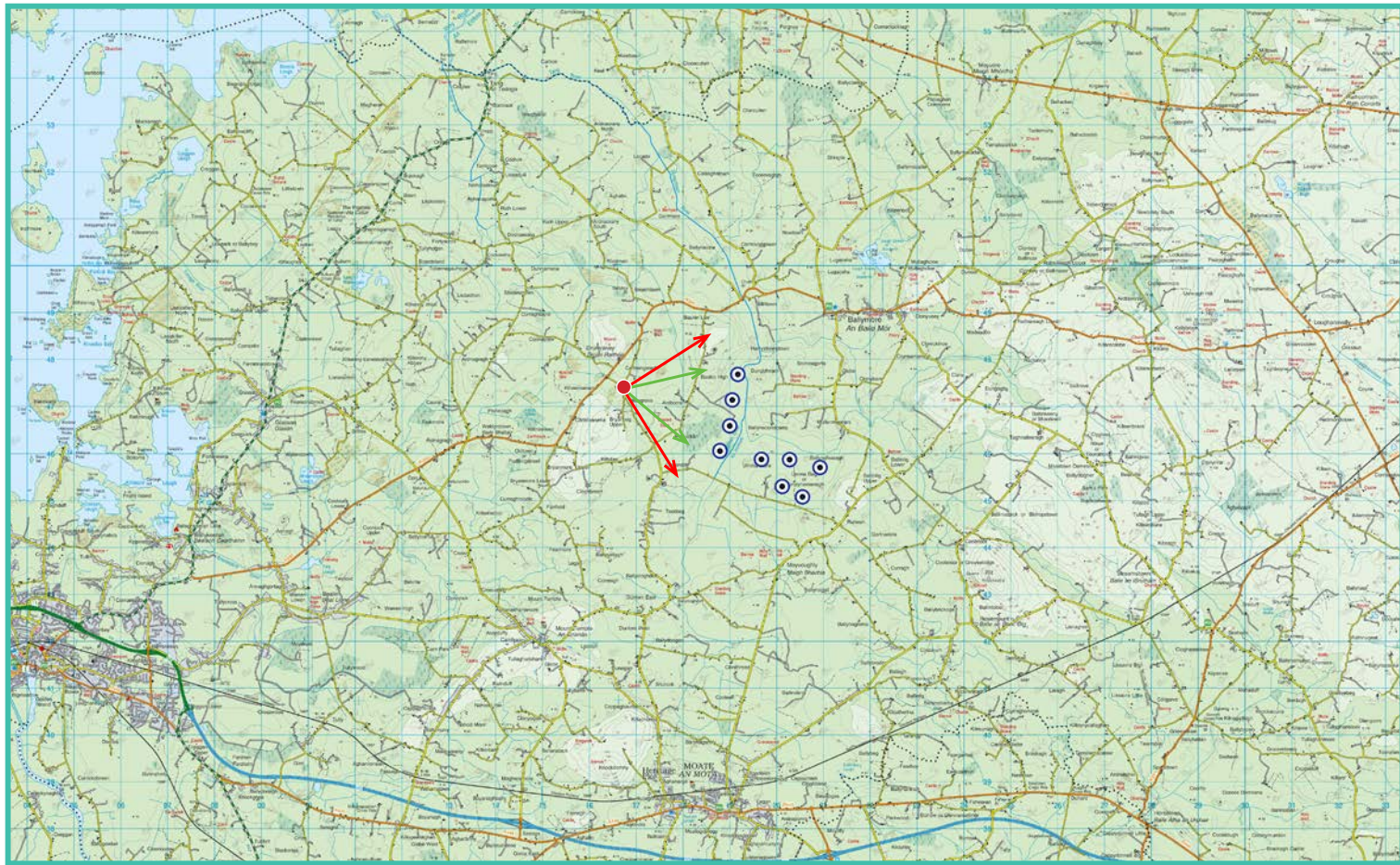
Photomontage 11

View from a Local Road outside Drumraney Mixed National School in the townland of **Cartroncoragh**. The viewpoint is located approximately 2.3km west of the nearest proposed turbine (T2).

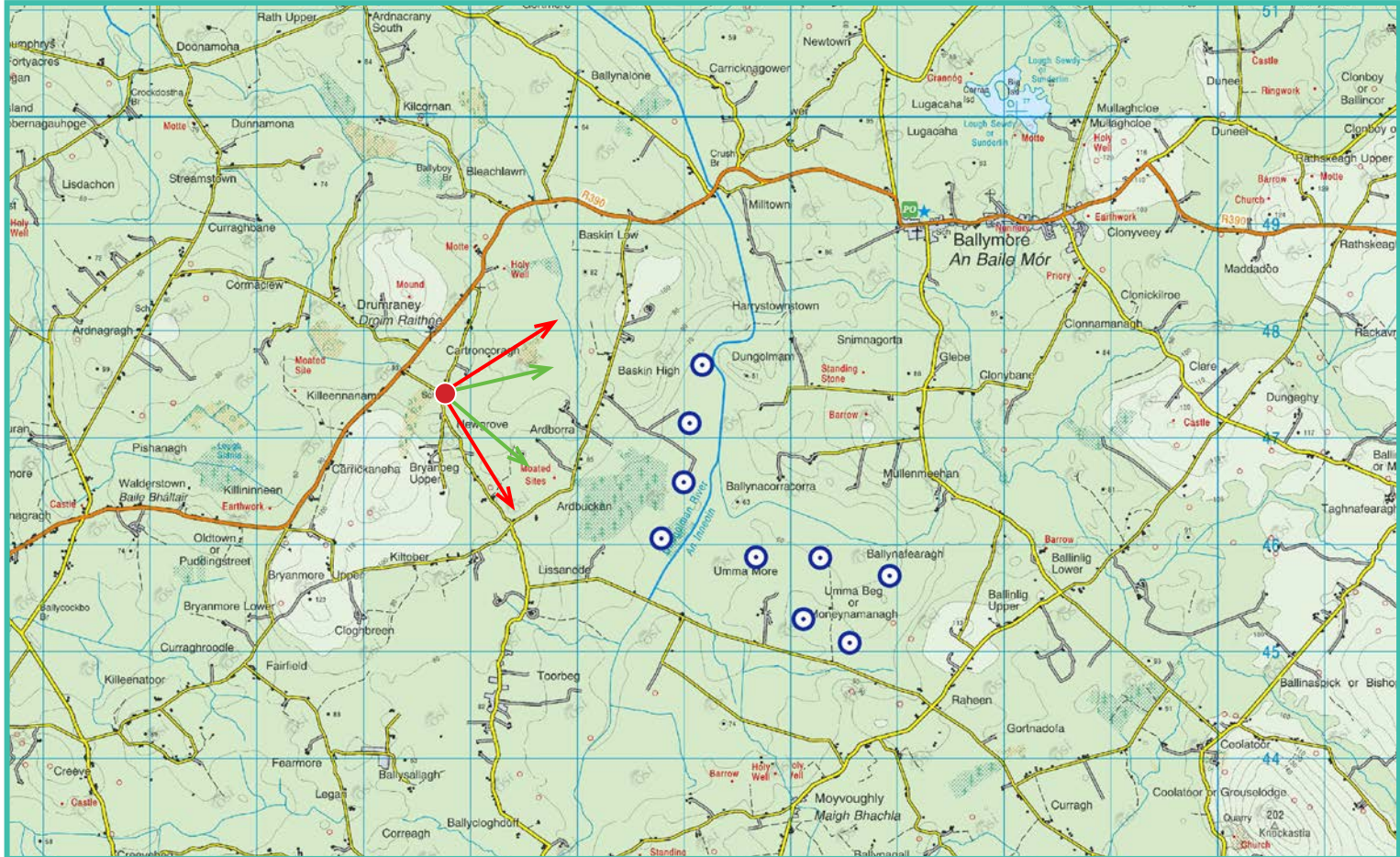
View point grid reference	616696(E); 747424(N)
Date of image taken	2021.08.13
Time of image taken	13:22
View point elevation	85m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	103°
Horizontal extent of proposed turbines	40°
Distance to nearest proposed turbine	2.3km (T2)
Number of proposed turbines visible	7/9
Turbine Hub Height	104m
Turbine Tip Height	185m
Turbine Rotor Diameter	162m
Camera	Canon 5D Mark III / Full Frame Sensor.
Lens	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 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 Umma More Wind Farm

Proposed Lemanaghan Wind Farm

Proposed Derryadd Wind Farm

Existing Wind Farms

Proposed Met Mast (30m)

Knockastia

Hill of Uisnieach

Prepared by

MKO
Planning & Environmental Consultants
Tuam Road, Galway.

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



Key Image at 120°

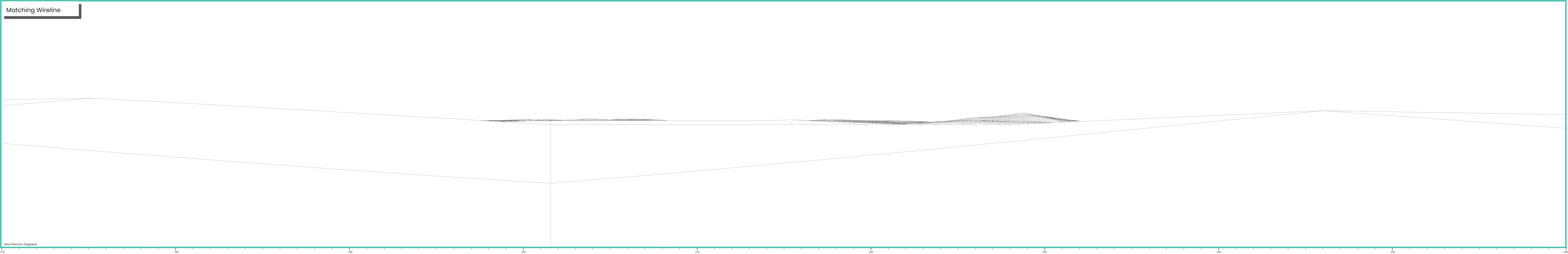
90° View Extent

53.5° View Extent

Baseline View at 90°



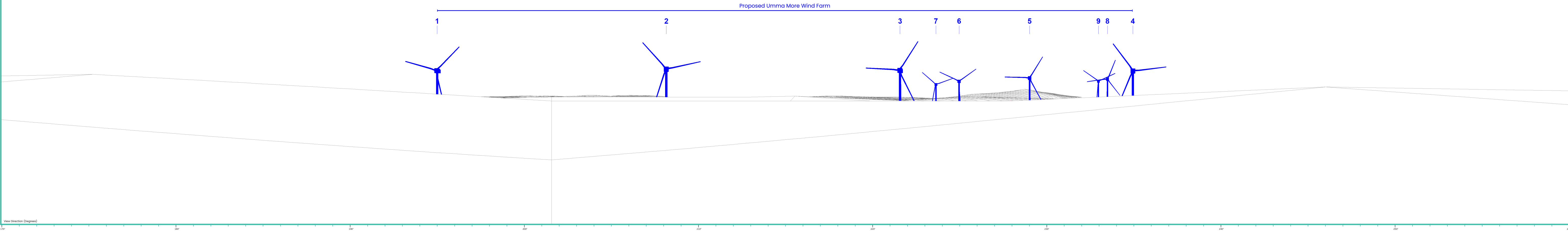
Matching Wireline



Proposed Photomontage with Cumulative at 90°

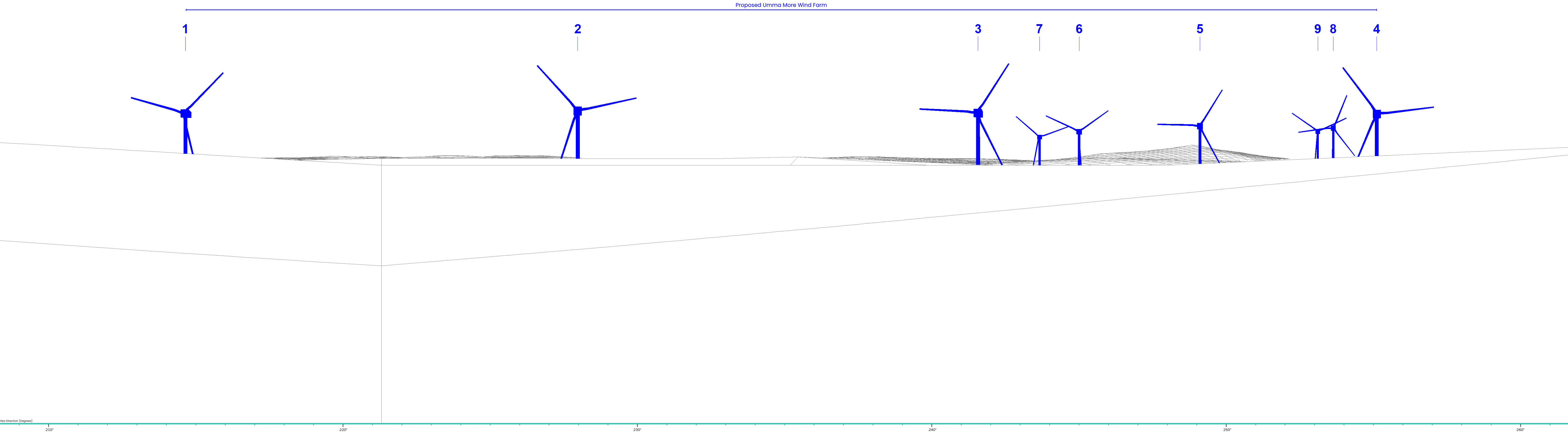


Matching Wireline



Proposed Photomontage with Cumulative at 53.5°

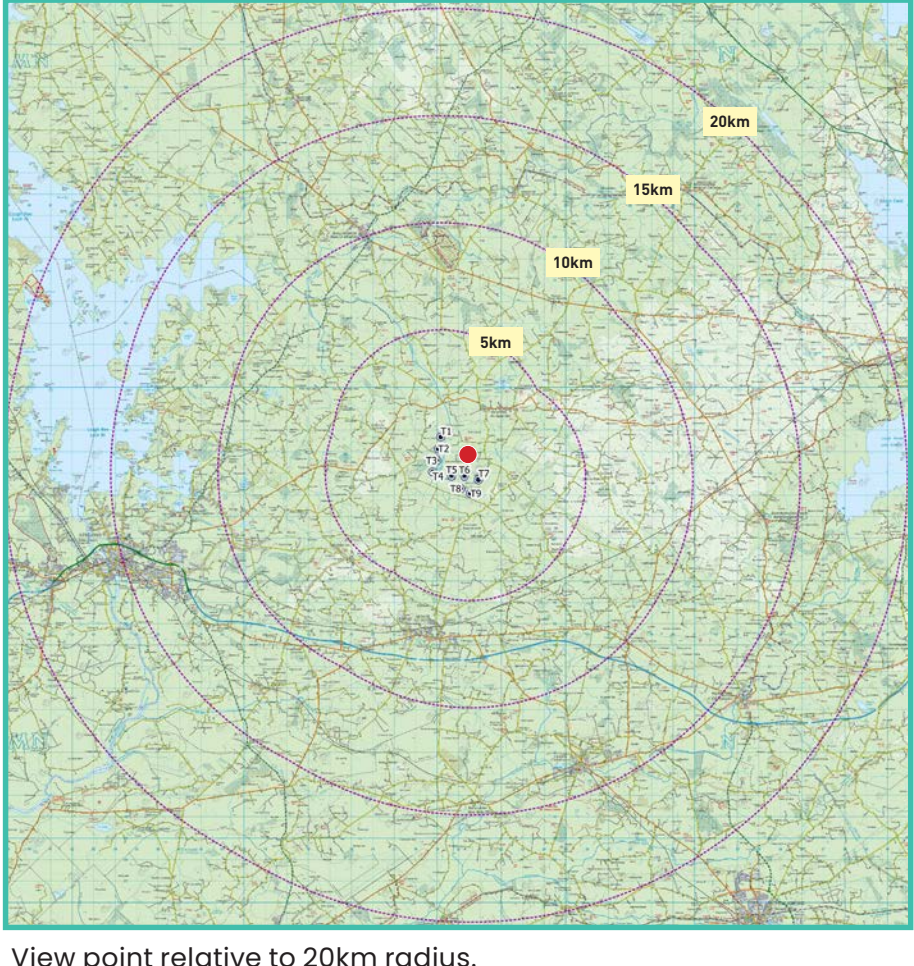




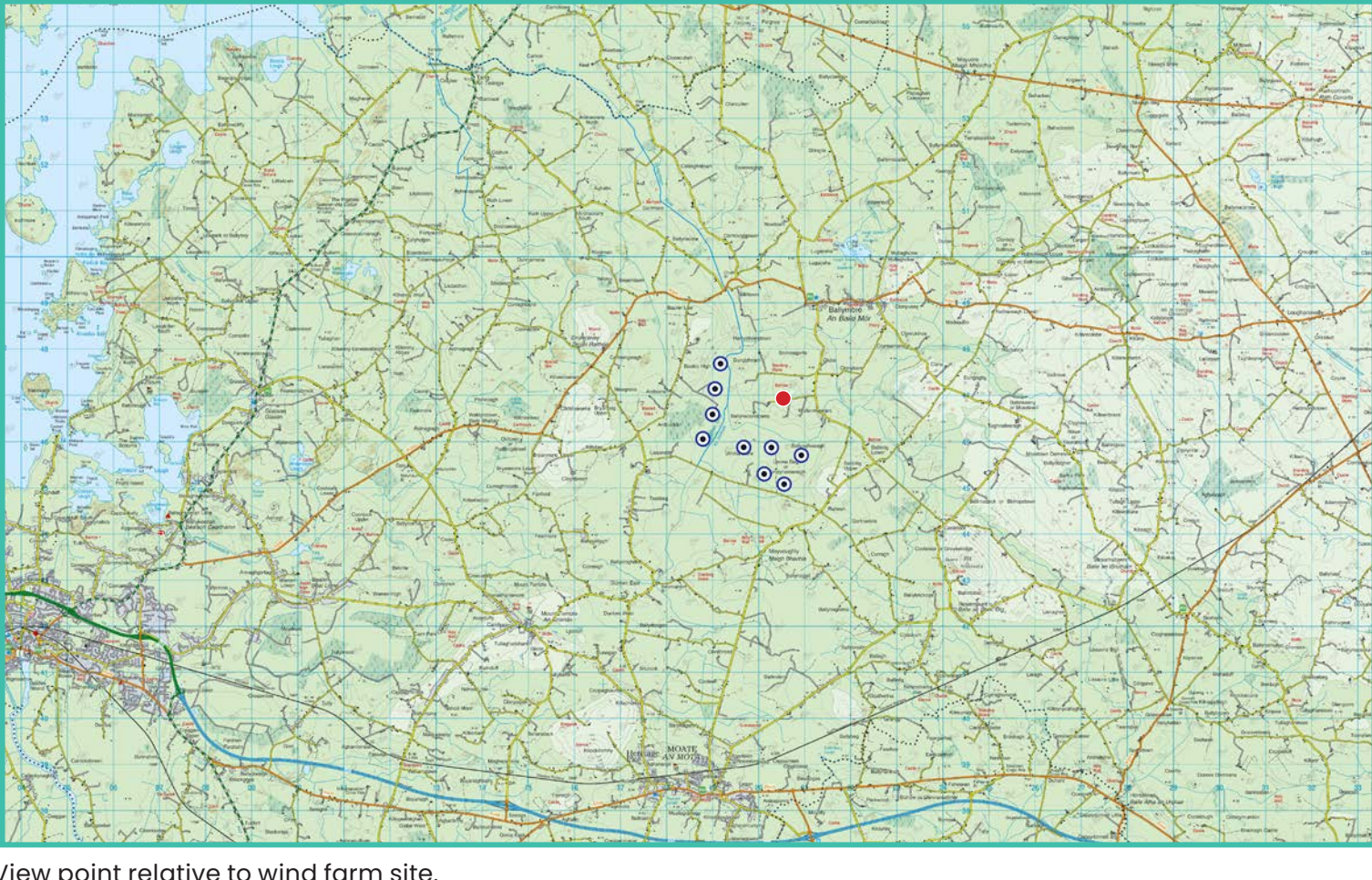
Photomontage 12

View from a local road in the townland of **Ballynacorra**. The viewpoint is located approximately 991m north of the nearest proposed turbine (T6).

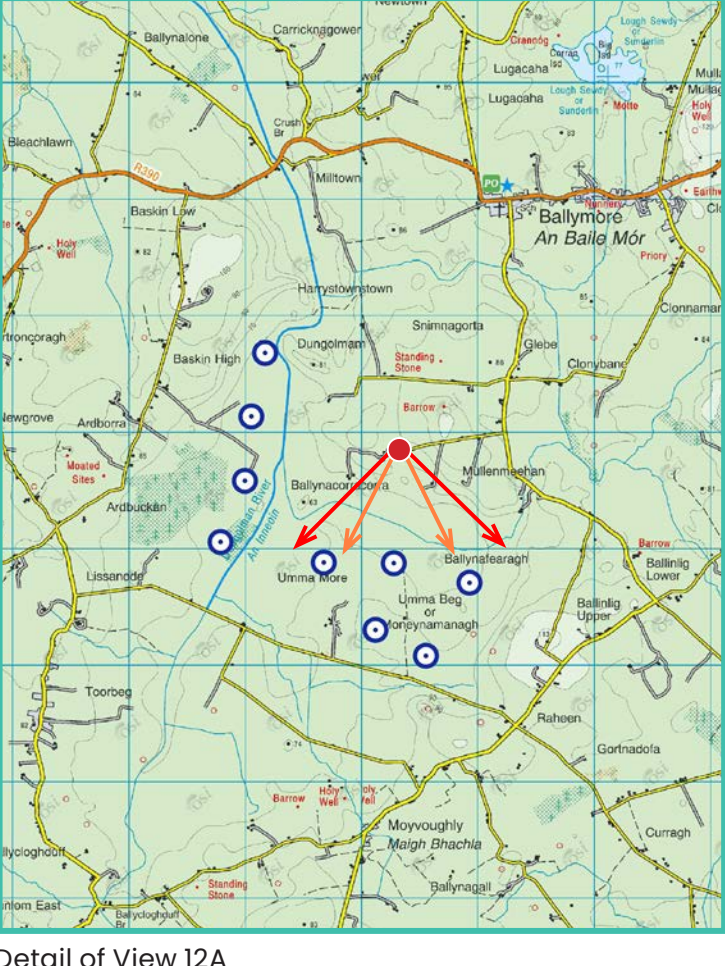
View point grid reference	620359(E); 746880(N)
Date of image taken	2022.07.18
Time of image taken	09:54
View point elevation	76m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	230°
Horizontal extent of proposed turbines	148°
Distance to nearest proposed turbine	991m (T6)
Number of proposed turbines visible	5/9
Turbine Hub Height	104m
Turbine Tip Height	185m
Turbine Rotor Diameter	162m
Camera	Canon 5D Mark III / Full Frame Sensor.
Lens	50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
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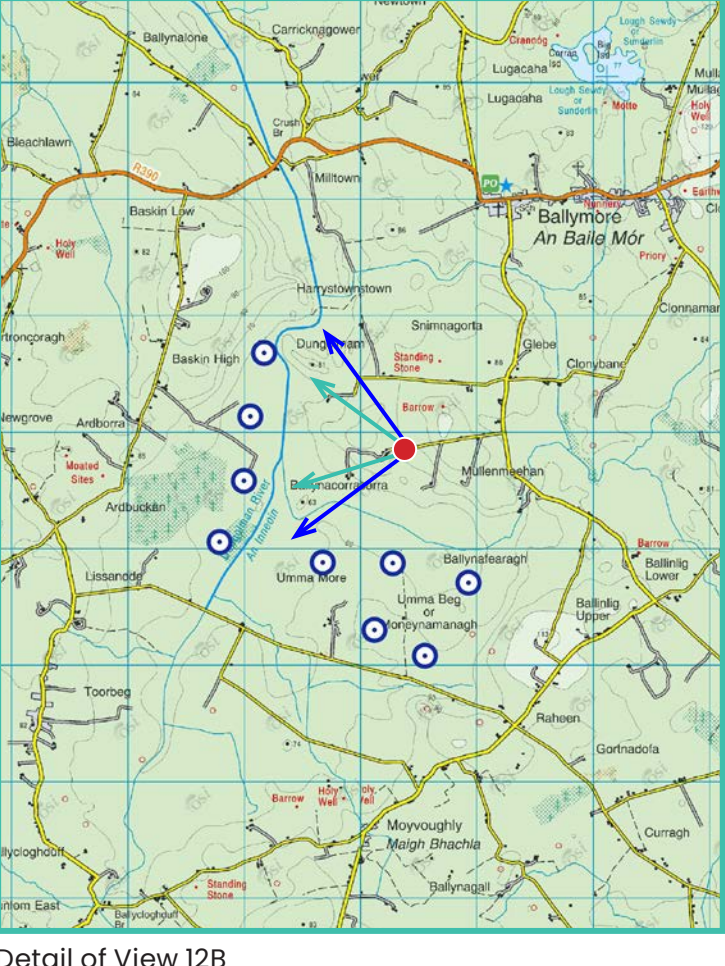
View point relative to 20km radius.



View point relative to wind farm site.



Detail of View 12A



Detail of View 12B

Map Legend

Area shown in 90° view

Area shown in 53.5° view

View Point

Wireline Legend

Proposed Umma More Wind Farm

Proposed Lemanaghan Wind Farm

Proposed Derryadd Wind Farm

Existing Wind Farms

Proposed Met Mast (30m)

Knockastia

Hill of Uisnieach

Prepared by

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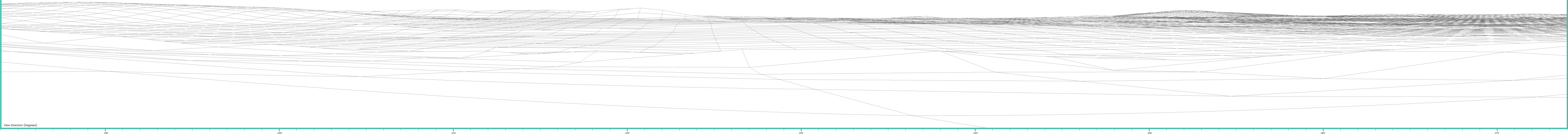
View 12A – 53.5° View Extent

View 12B – 53.5° View Extent

View 12A - Baseline View at 90°



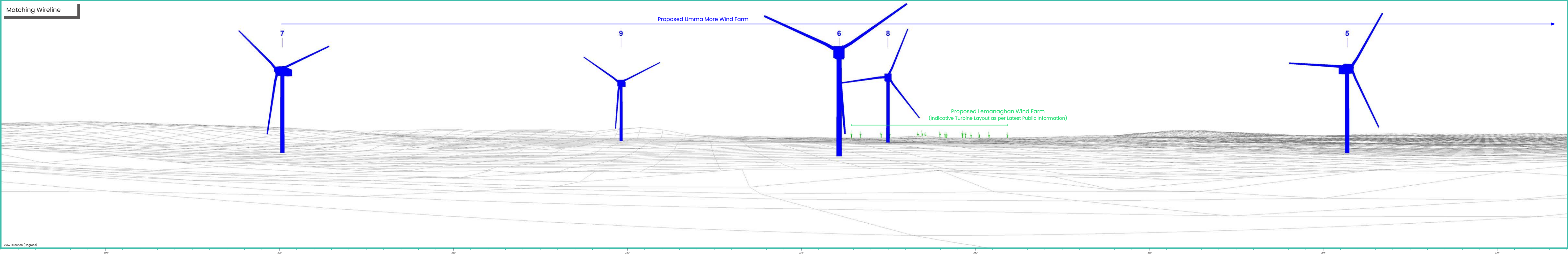
Matching Wireline



View 12A - Proposed Photomontage with Cumulative at 90°



Matching Wireline



View 12A – Proposed Photomontage with Cumulative at 53.5°



Proposed Umma More Wind Farm

7

9

6

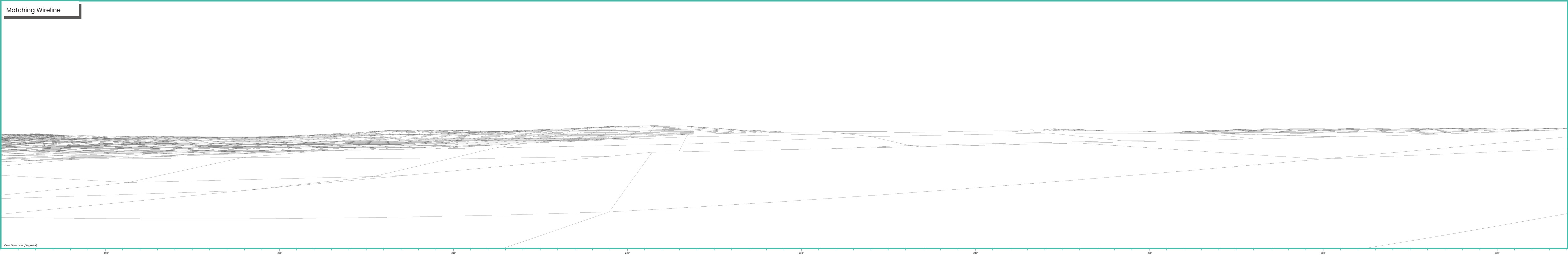
8

Proposed Lemanaghan Wind Farm
(Indicative Turbine Layout as per Latest Public Information)

View 12B - Baseline View at 90°



Matching Wireline

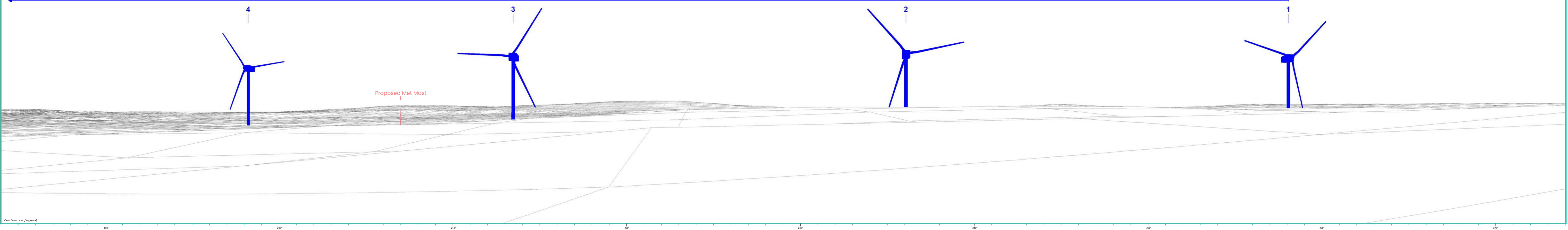


View 12B - Proposed Photomontage with Cumulative at 90°



Matching Wireline

Proposed Umma More Wind Farm



View 12B – Proposed Photomontage with Cumulative at 53.5°



Proposed Umma More Wind Farm

3

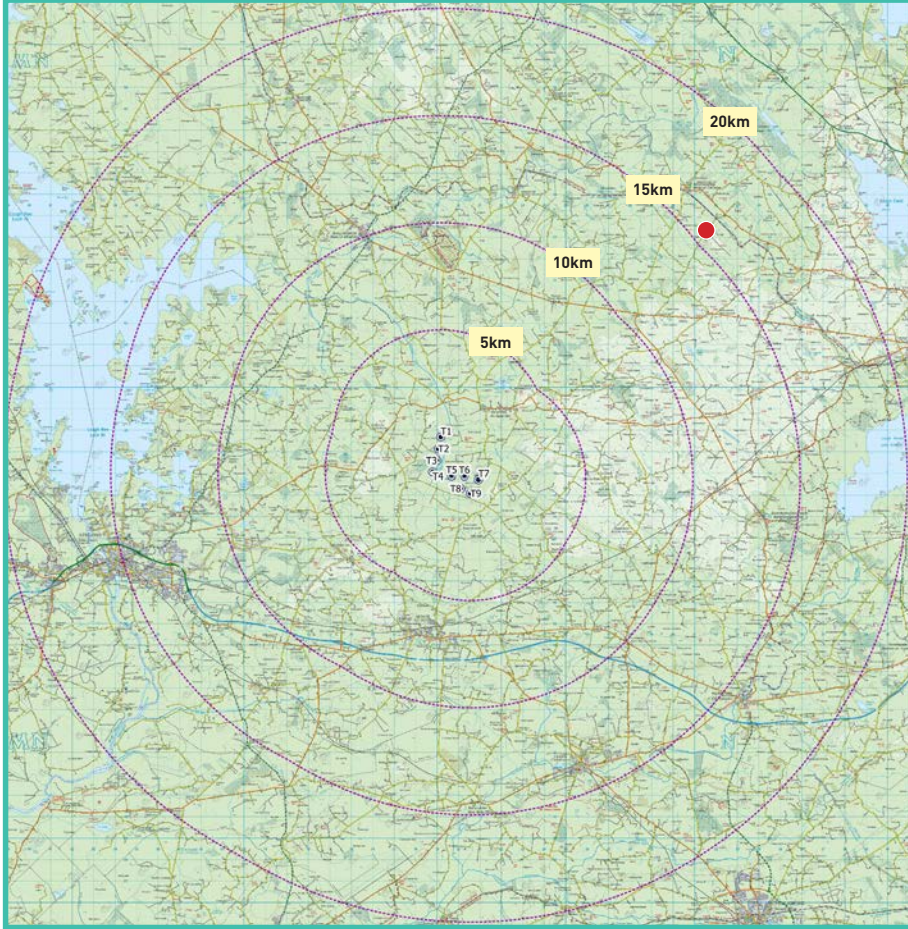
2

1

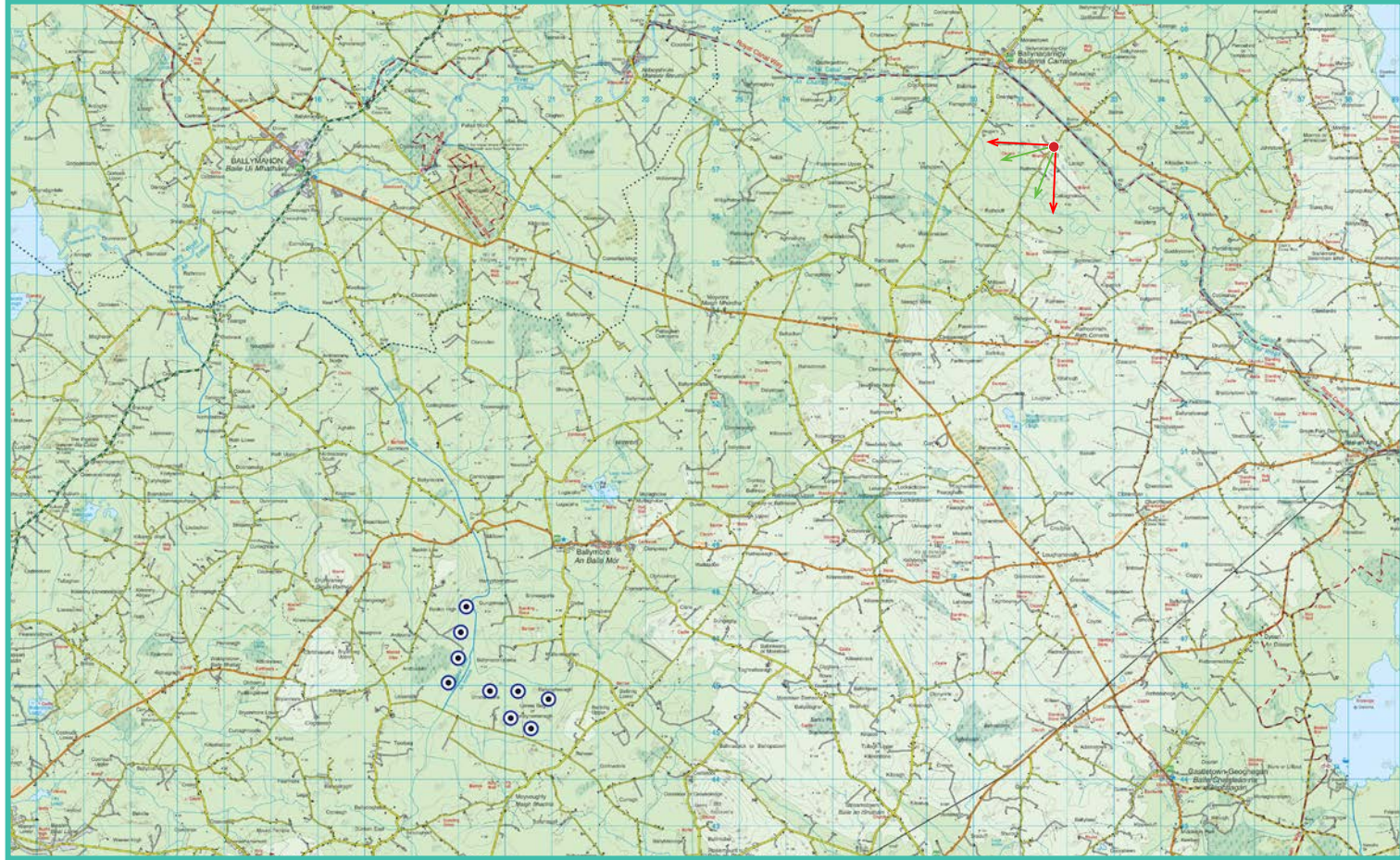
Photomontage 13

View from the **Hill of Laragh** at County Westmeath Protected View 20 (WCDP, 2021–2027). Located on the borders of townlands Laragh, Ballintue and Rathmore, approximately 15.6km northeast of nearest proposed turbine (T1).

View point grid reference	631474(E); 757315(N)
Date of image taken	2021.08.26
Time of image taken	10:50
View point elevation	120m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	227°
Horizontal extent of proposed turbines	10°
Distance to nearest proposed turbine	15.6km (T1)
Number of proposed turbines visible	9/9
Turbine Hub Height	104m
Turbine Tip Height	185m
Turbine Rotor Diameter	162m
Camera	Canon 5D Mark III / Full Frame Sensor.
Lens	50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
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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 Umma More Wind Farm
- Proposed Lemanaghan Wind Farm
- Proposed Derryadd Wind Farm
- Existing Wind Farms
- Proposed Met Mast (30m)
- Knockastia
- Hill of Uisnieach

Prepared by

MKO
Planning & Environmental Consultants
Tuam Road, Galway.
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E-mail: info@mkofireland.ie
Website: www.mkofireland.ie



Key Image at 120°

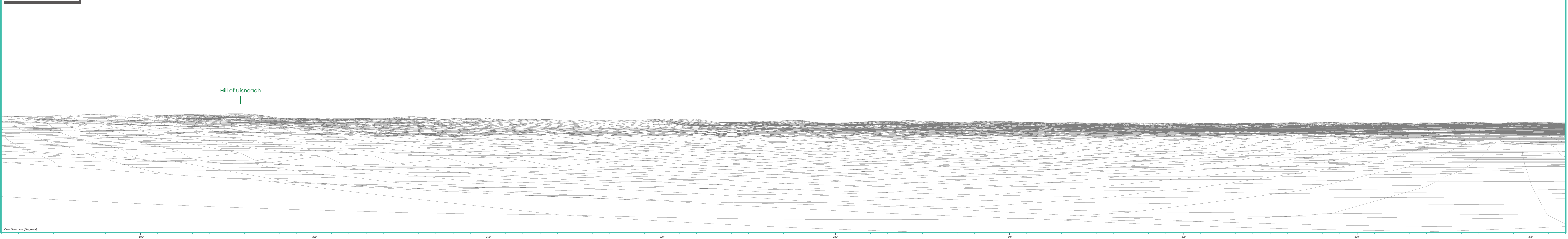
90° View Extent

53.5° View Extent

Baseline View at 90°



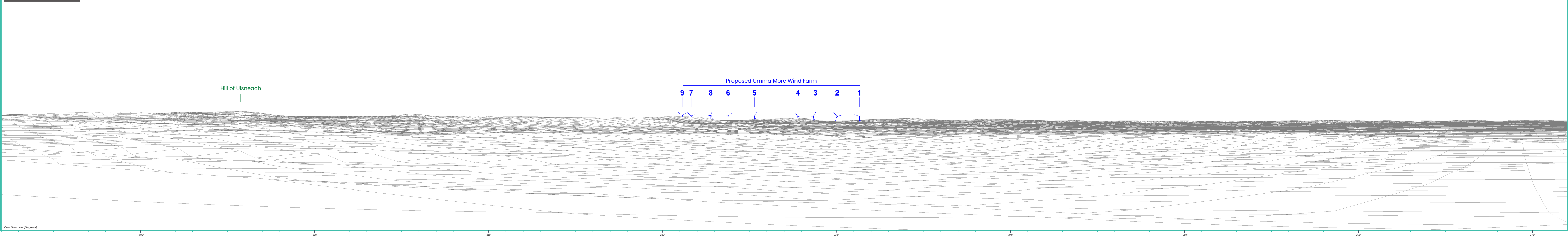
Matching Wireline



Proposed Photomontage with Cumulative at 90°

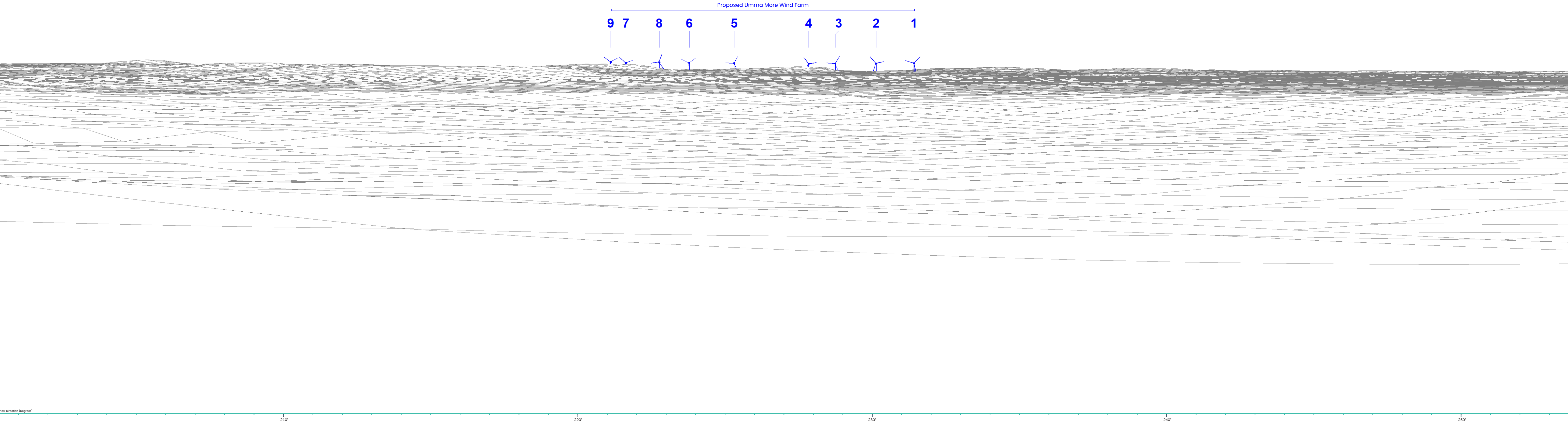


Matching Wireline



Proposed Photomontage with Cumulative at 53.5°

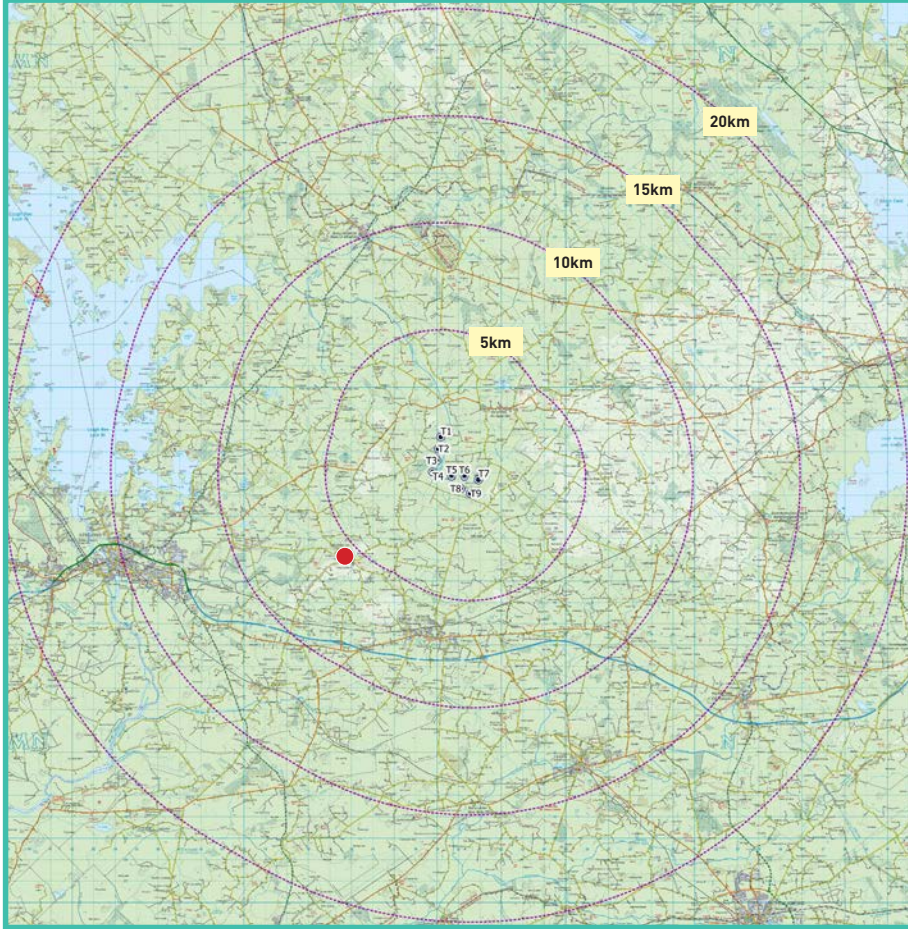




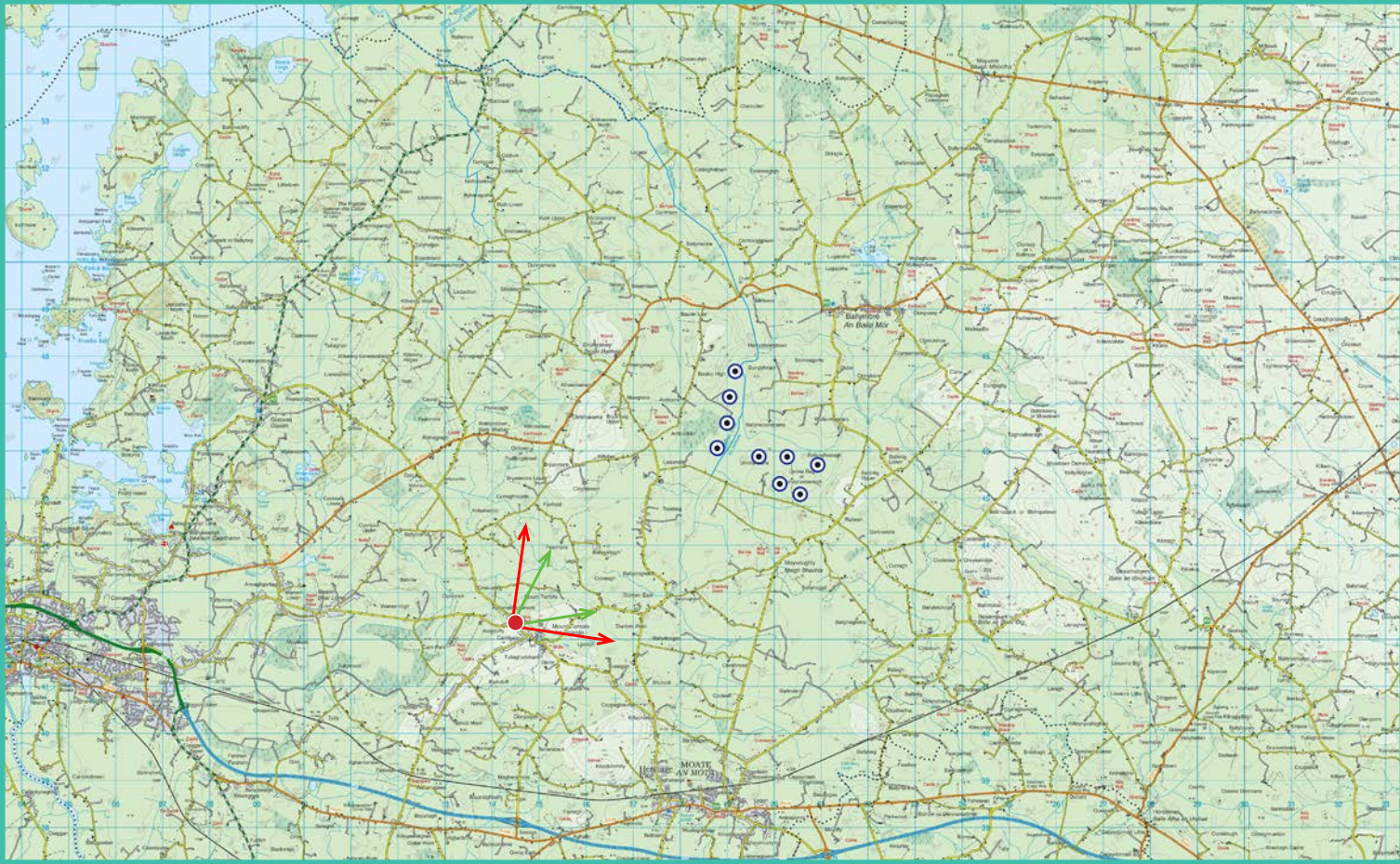
Photomontage 14

View from L1437 Local Road, northwest of **Mount Temple** in the townland of Aghanashanamore. The viewpoint is located approximately 5.7km southwest of the nearest proposed turbine (T4).

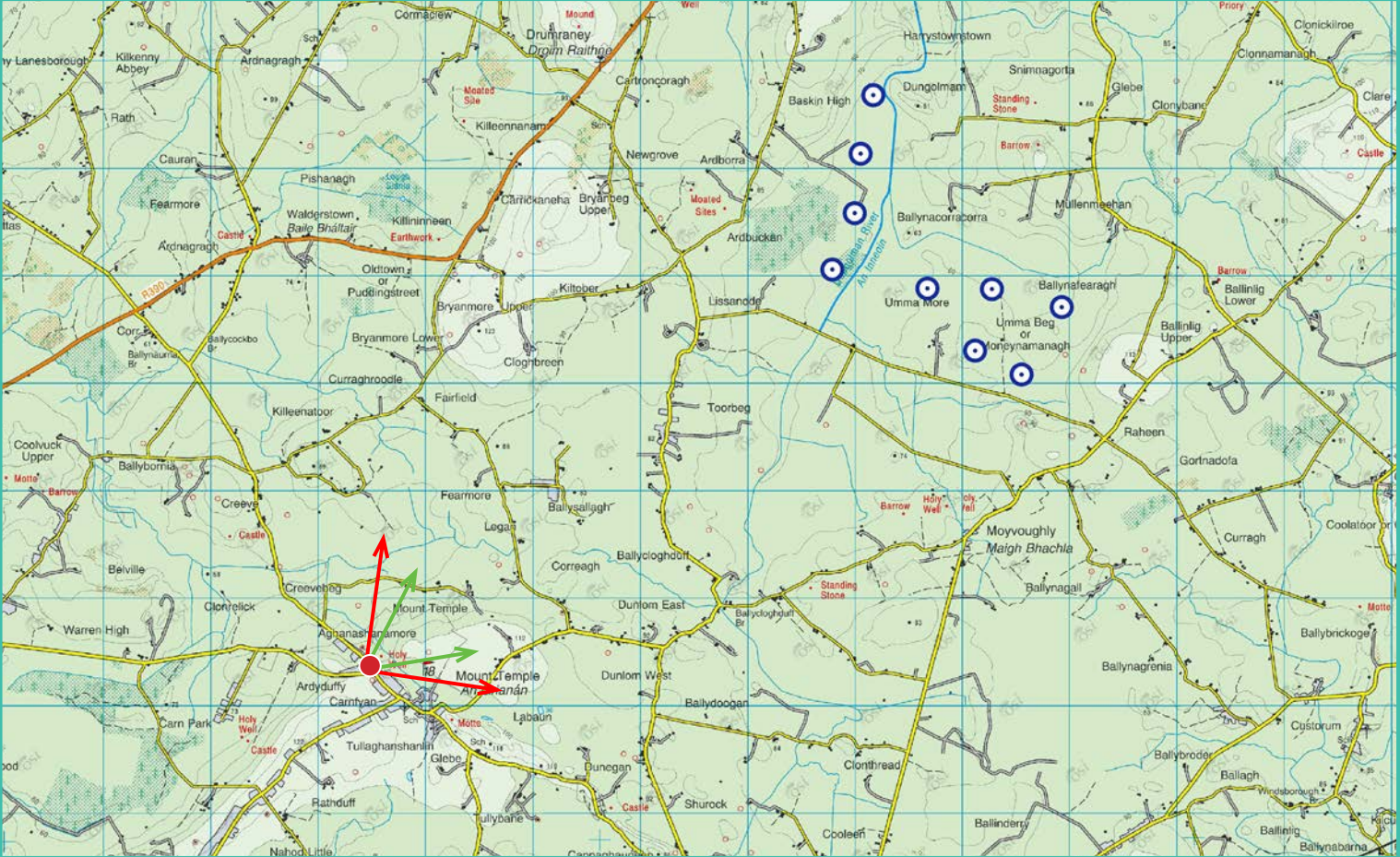
View point grid reference	614440(E); 742360(N)
Date of image taken	26.08.2021
Time of image taken	12:59
View point elevation	99m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	53°
Horizontal extent of proposed turbines	25°
Distance to nearest proposed turbine	5.7km (T4)
Number of proposed turbines visible	5/9
Turbine Hub Height	104m
Turbine Tip Height	185m
Turbine Rotor Diameter	162m
Camera	Canon 5D Mark III / Full Frame Sensor.
Lens	50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
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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 Umma More Wind Farm

Proposed Lemanaghan Wind Farm

Proposed Derryadd Wind Farm

Existing Wind Farms

Proposed Met Mast (30m)

Knockastia

Hill of Uisnieach

Prepared by

MKO

Planning & Environmental Consultants

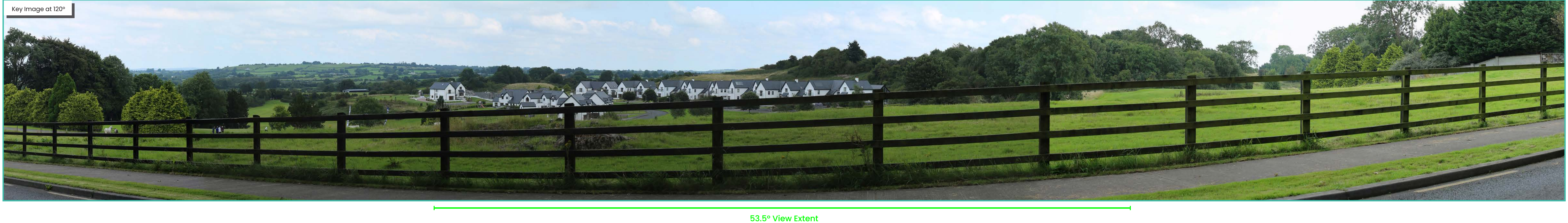
Tuam Road, Galway.

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E-mail: info@mkofireland.ie

Website: www.mkofireland.ie

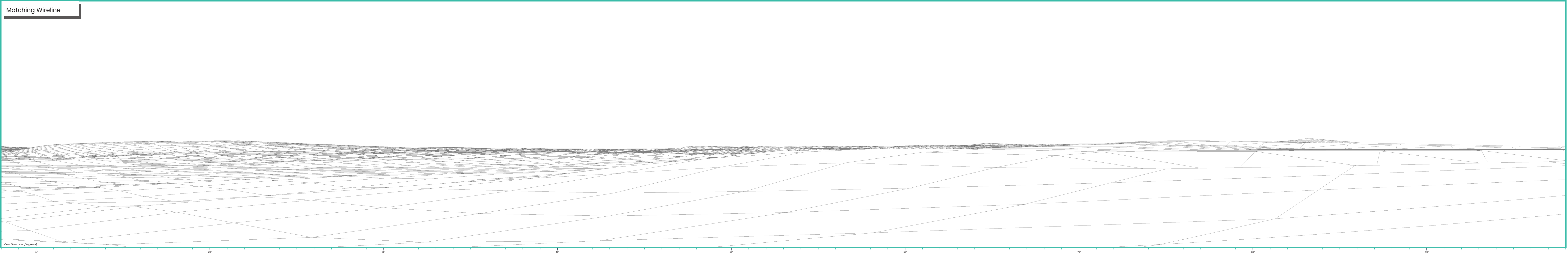
MKO



Baseline View at 90°



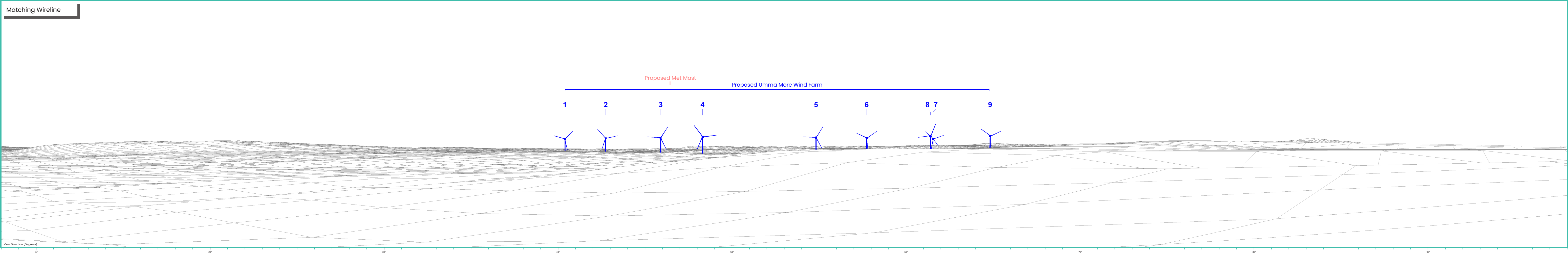
Matching Wireline



Proposed Photomontage with Cumulative at 90°

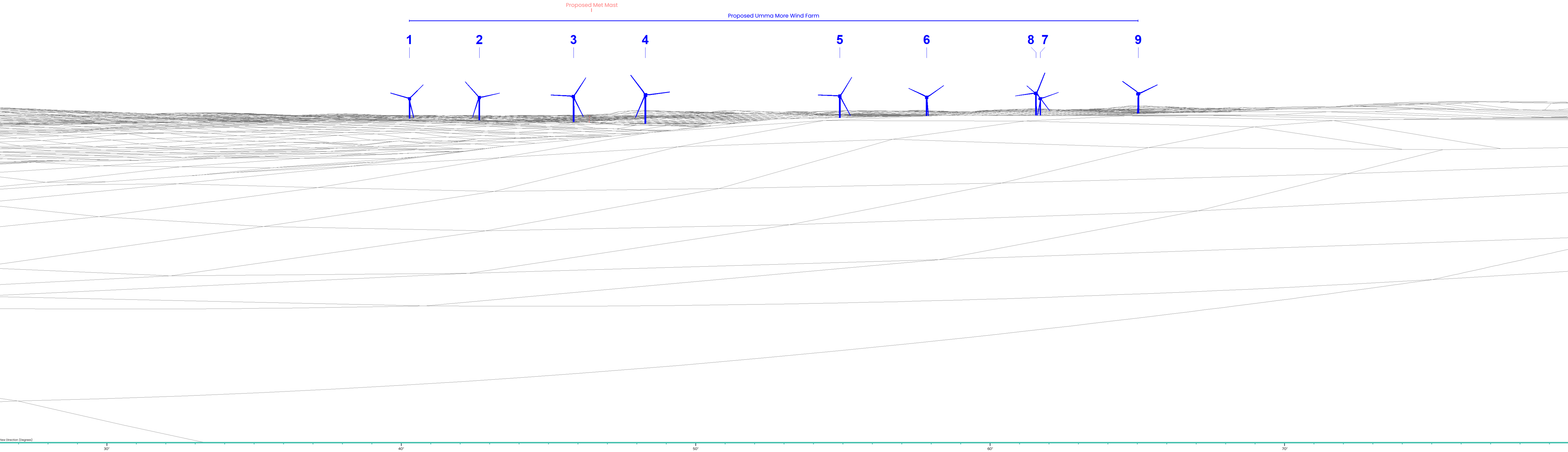


Matching Wireline



Proposed Photomontage with Cumulative at 53.5°

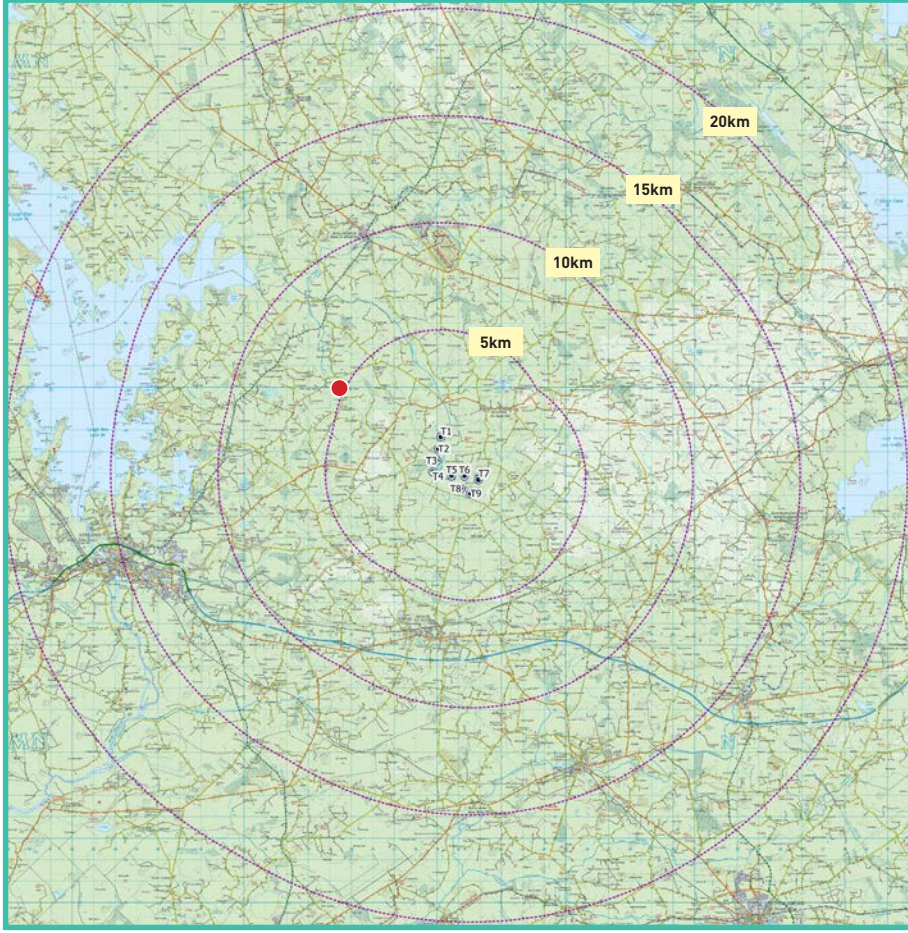




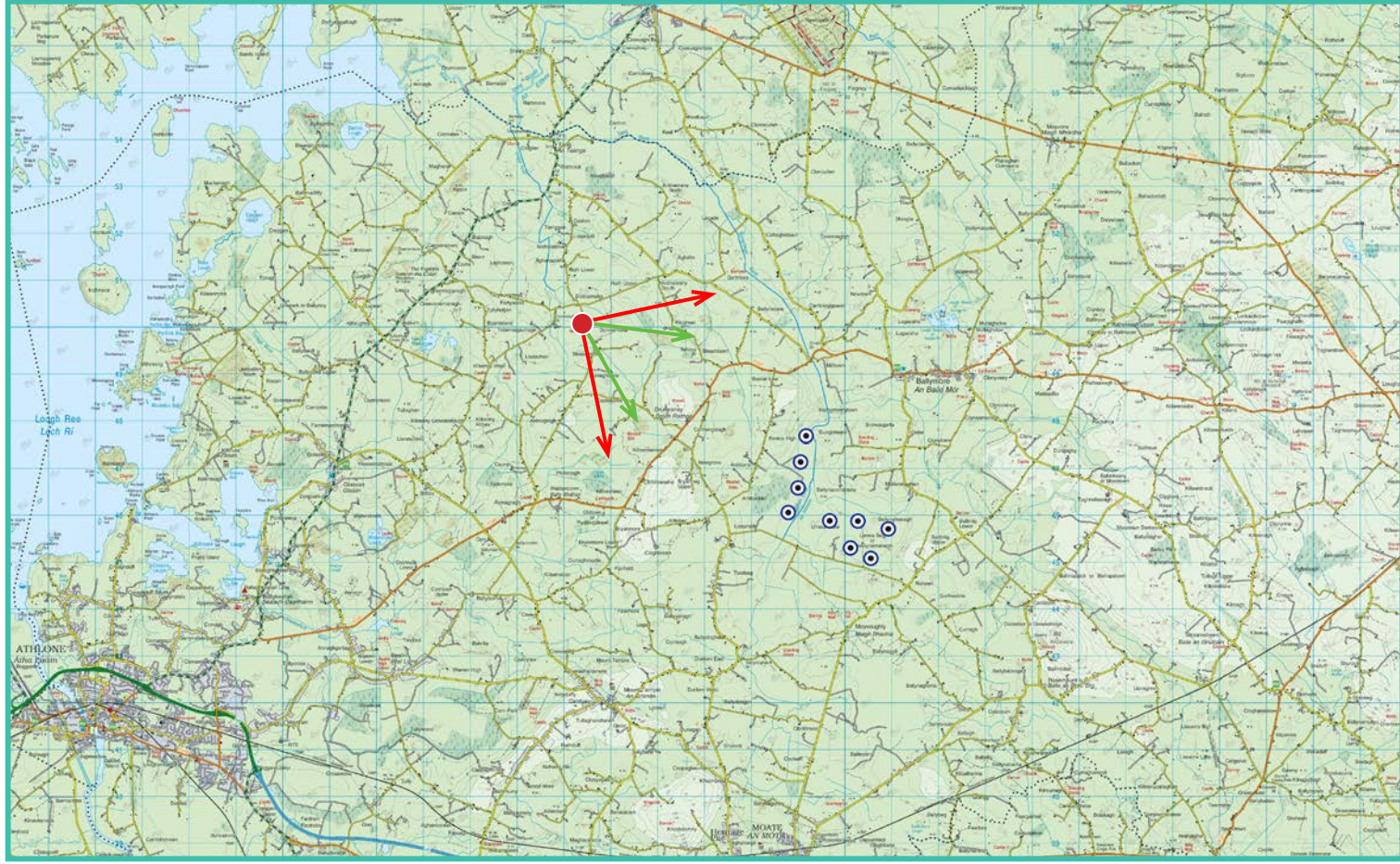
Photomontage 15

View from Dunnamona Motte in the towland of **Dunnamona**. The viewpoint is located approximately 5.3km northwest of the nearest proposed turbine (T1)

View point grid reference	614363(E); 749972(N)
Date of image taken	11.11.2022
Time of image taken	09:51
View point elevation	70m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	123°
Horizontal extent of proposed turbines	16°
Distance to nearest proposed turbine	5.3km (T1)
Number of proposed turbines visible	6/9
Turbine Hub Height	104m
Turbine Tip Height	185m
Turbine Rotor Diameter	162m
Camera	Canon 5D Mark III / Full Frame Sensor.
Lens	50mm Lens
Tripod	Manfrotto 190X extended to approx 1.5m.
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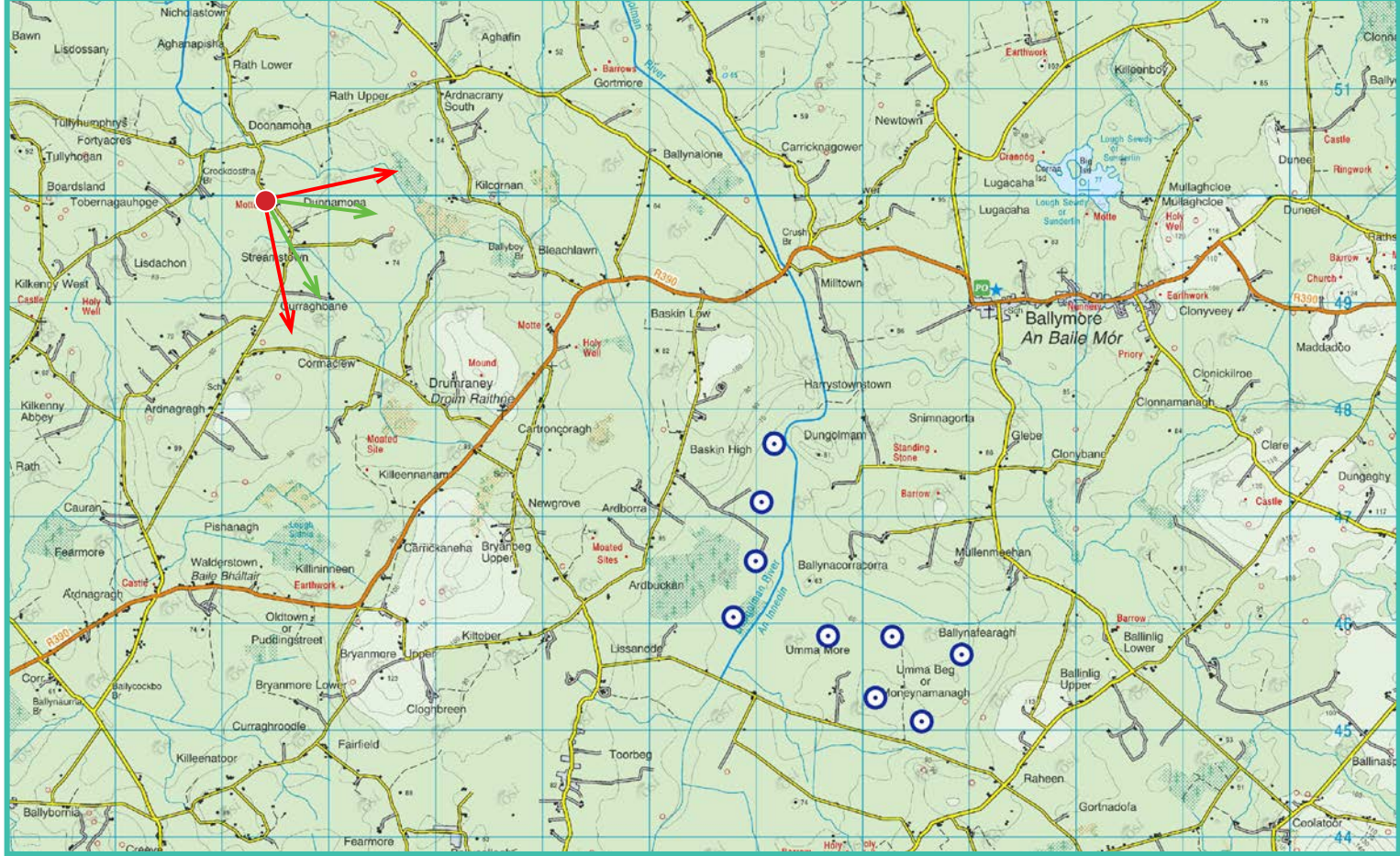


View point relative to 20km radius.



View point relative to wind farm site.

90° View Extent



Detail of view point location.

Map Legend

Area shown in 90° view

Area shown in 53.5° view

View Point

Wireline Legend

Proposed Umma More Wind Farm

Proposed Lemanaghan Wind Farm

Proposed Derryadd Wind Farm

Existing Wind Farms

Proposed Met Mast (30m)

Knockastia

Hill of Uisnieach

Prepared by

MKO

Planning & Environmental Consultants

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E-mail: info@mkofireland.ie

Website: www.mkofireland.ie

MKO

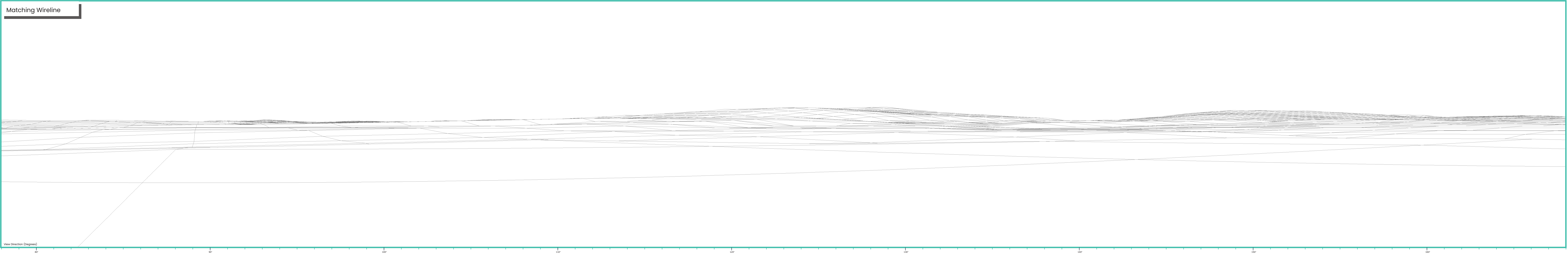


53.5° View Extent

Baseline View at 90°



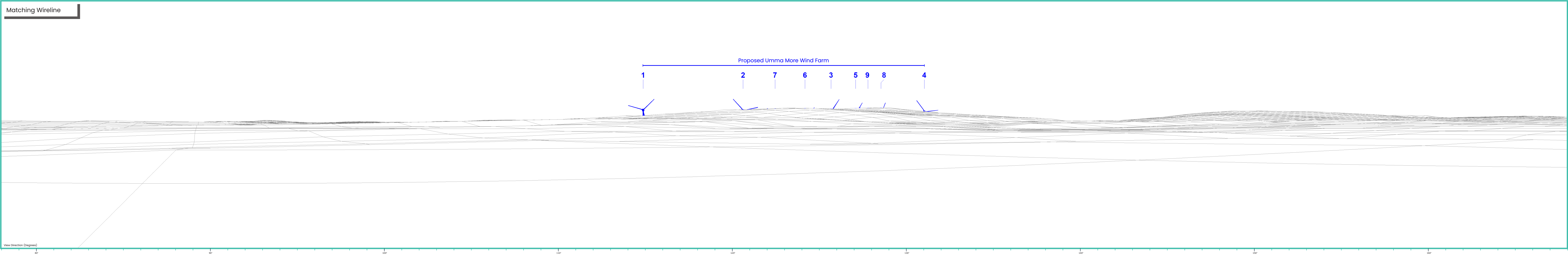
Matching Wireline



Proposed Photomontage with Cumulative at 90°

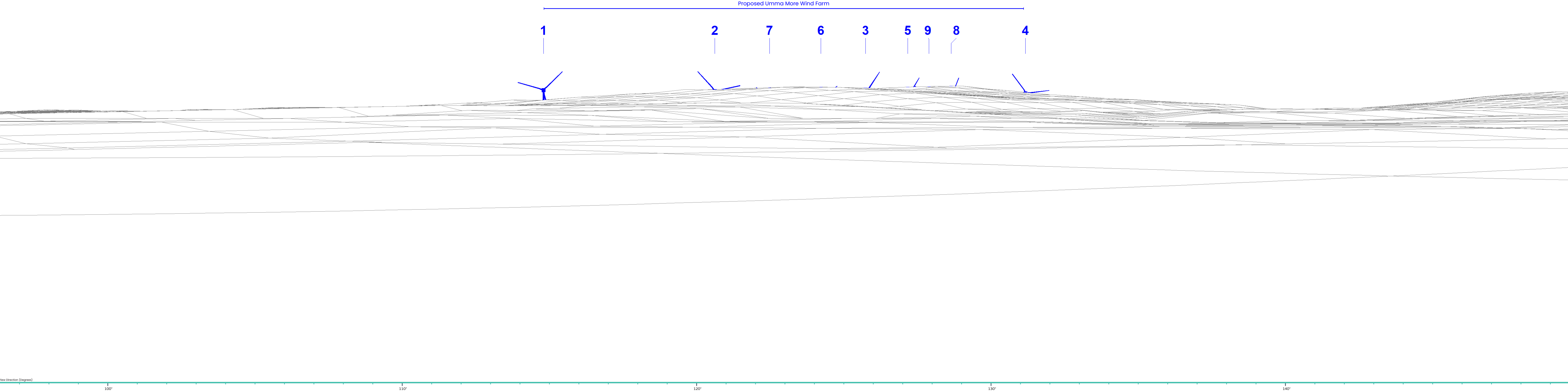


Matching Wireline



Proposed Photomontage with Cumulative at 53.5°



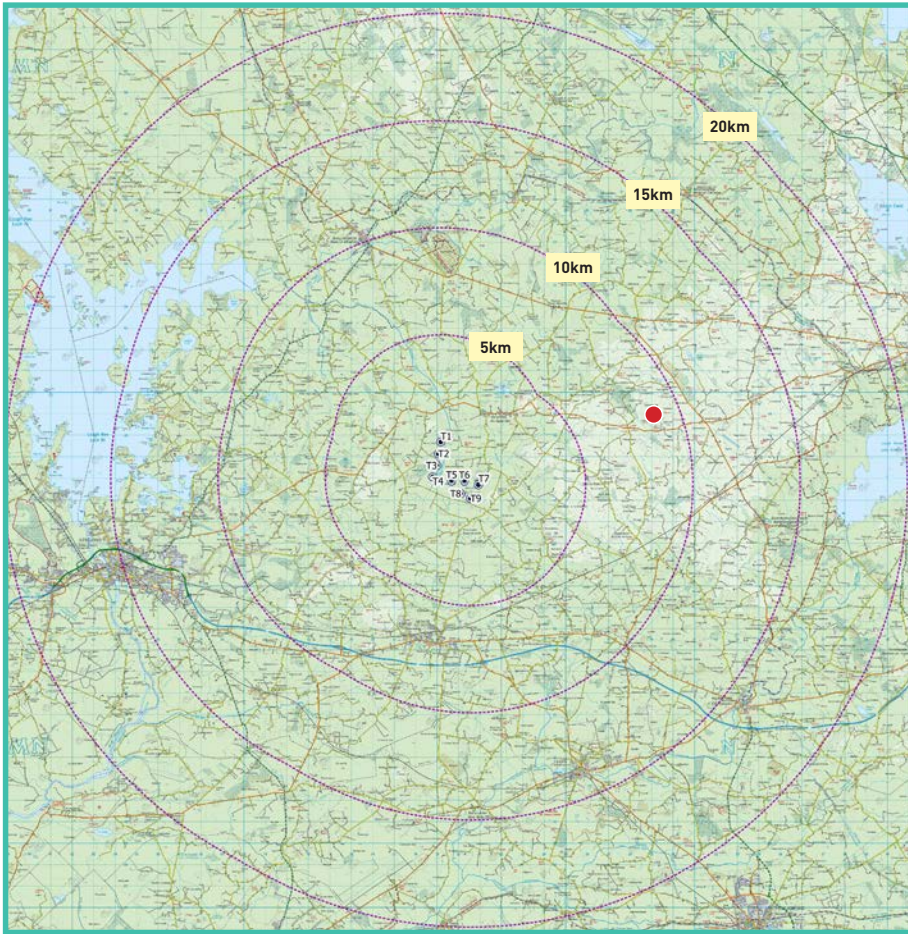


Rendered Wireline of the landscape view
from atop the Hill of Uisneach

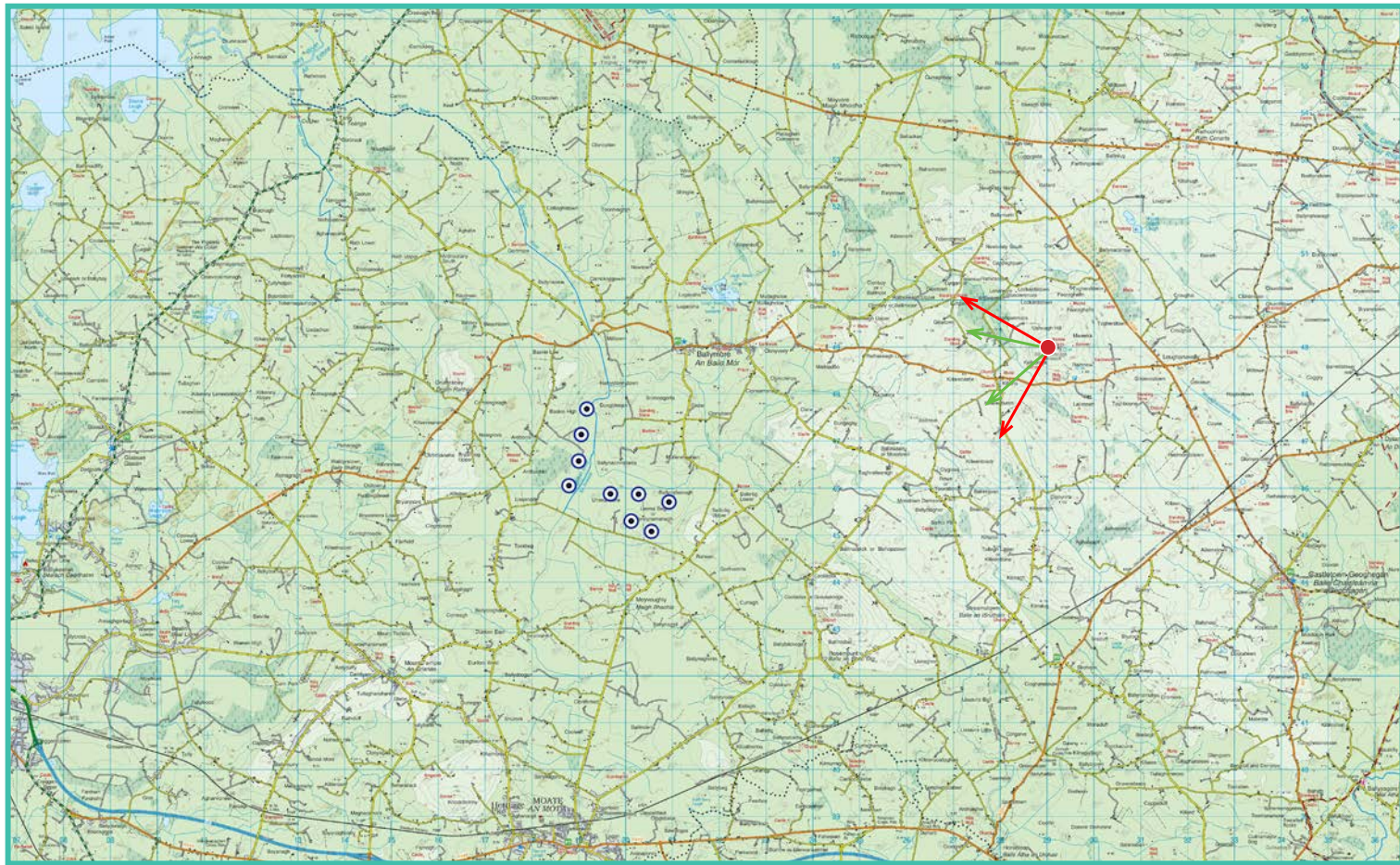
Viewpoint 16 – Rendered Wireline

Rendered Wireline of the landscape view atop the Hill of Uisneach, representative of Westmeath Protected View 36. The viewpoint is located approximately 9km east of the nearest proposed turbine (T7).

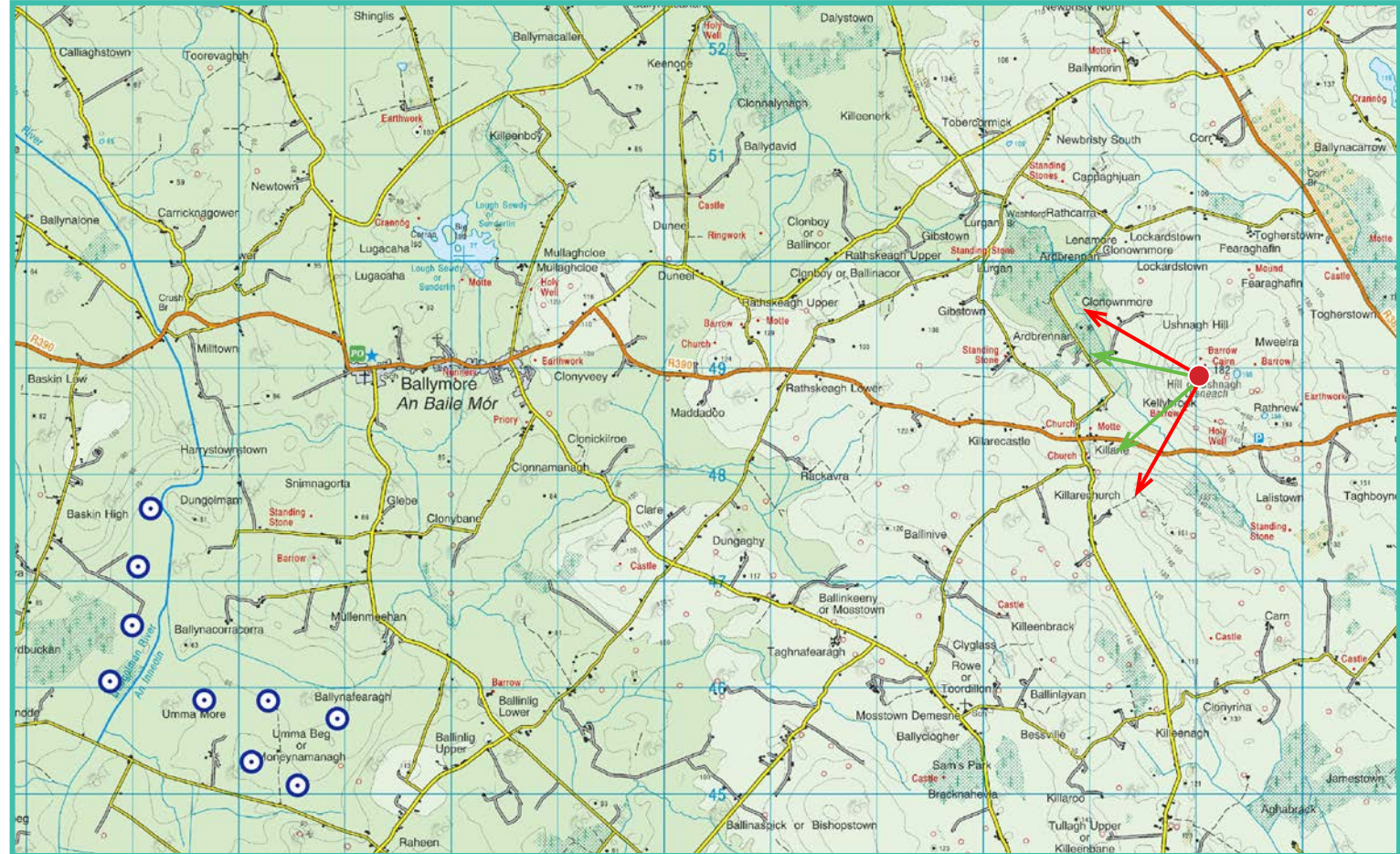
View point grid reference	628998(E); 748859(N)
View point elevation	176m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	254°
Horizontal extent of proposed turbines	17°
Distance to nearest proposed turbine	8.8km (T7)
Number of proposed turbines visible	9/9
Turbine Hub Height	104m
Turbine Tip Height	185m
Turbine Rotor Diameter	162m
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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

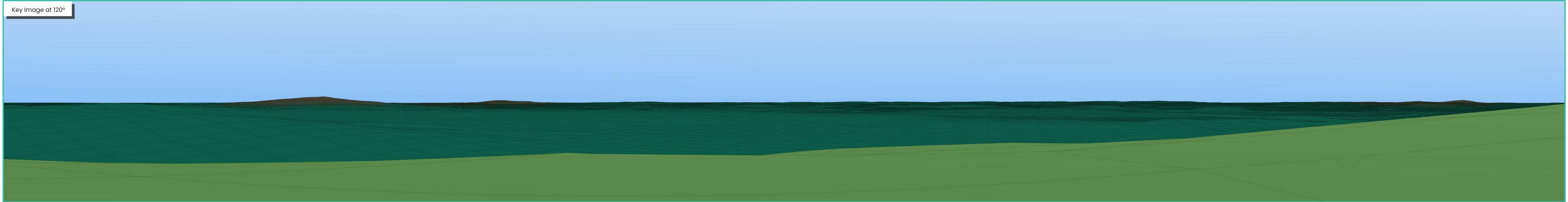
Wireline Legend

- Proposed Umma More Wind Farm
- Proposed Lemanaghan Wind Farm
- Proposed Derryadd Wind Farm
- Existing Wind Farms
- Proposed Met Mast (30m)
- Knockastia
- Hill of Uisnieach

Prepared by

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90° View Extent

53.5° View Extent

Rendered Wireline at 90° - Baseline View

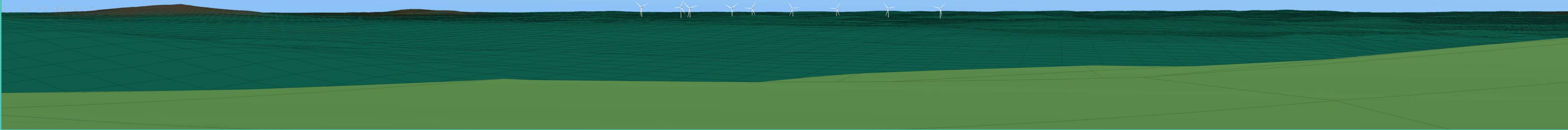
Imagery used for this viewpoint comprises a Rendered Wireline of the landscape view from atop the Hill of Uisneach. The image was compiled using a scaled topographical model generated from the peak of the hill.

Matching Wireline

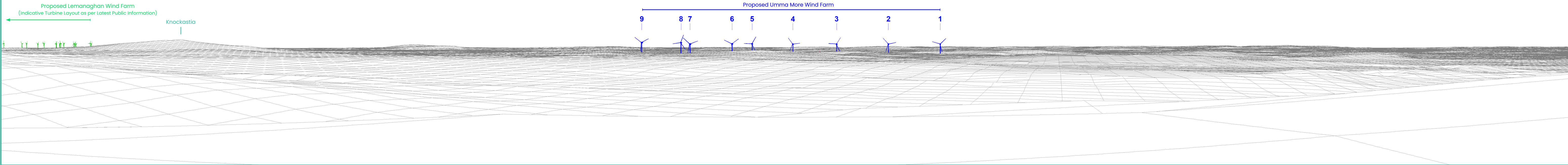
Knockastia

Rendered Wireline at 90° - Proposed View with Cumulative

Imagery used for this viewpoint comprises a Rendered Wireline of the landscape view from atop the Hill of Uisneach. The image was compiled using a scaled topographical model generated from the peak of the hill.



Matching Wireline



Rendered Wireline at 53.5° - Proposed View with Cumulative

Imagery used for this viewpoint comprises a Rendered Wireline of the landscape view from atop the Hill of Uisneach. The image was compiled using a scaled topographical model generated from the peak of the hill.

