

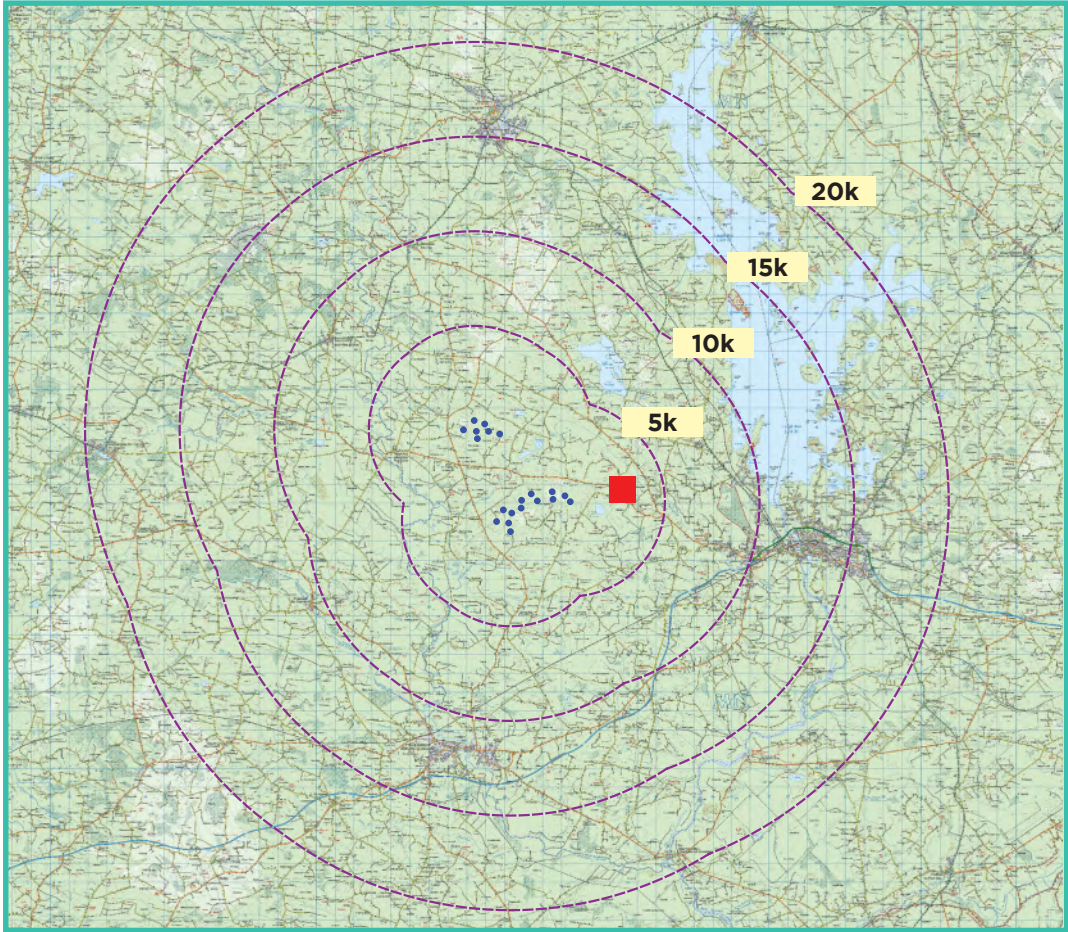
Seven Hills Wind Farm
Environmental Impact Assessment Report
Volume 2
Photomontage Booklet



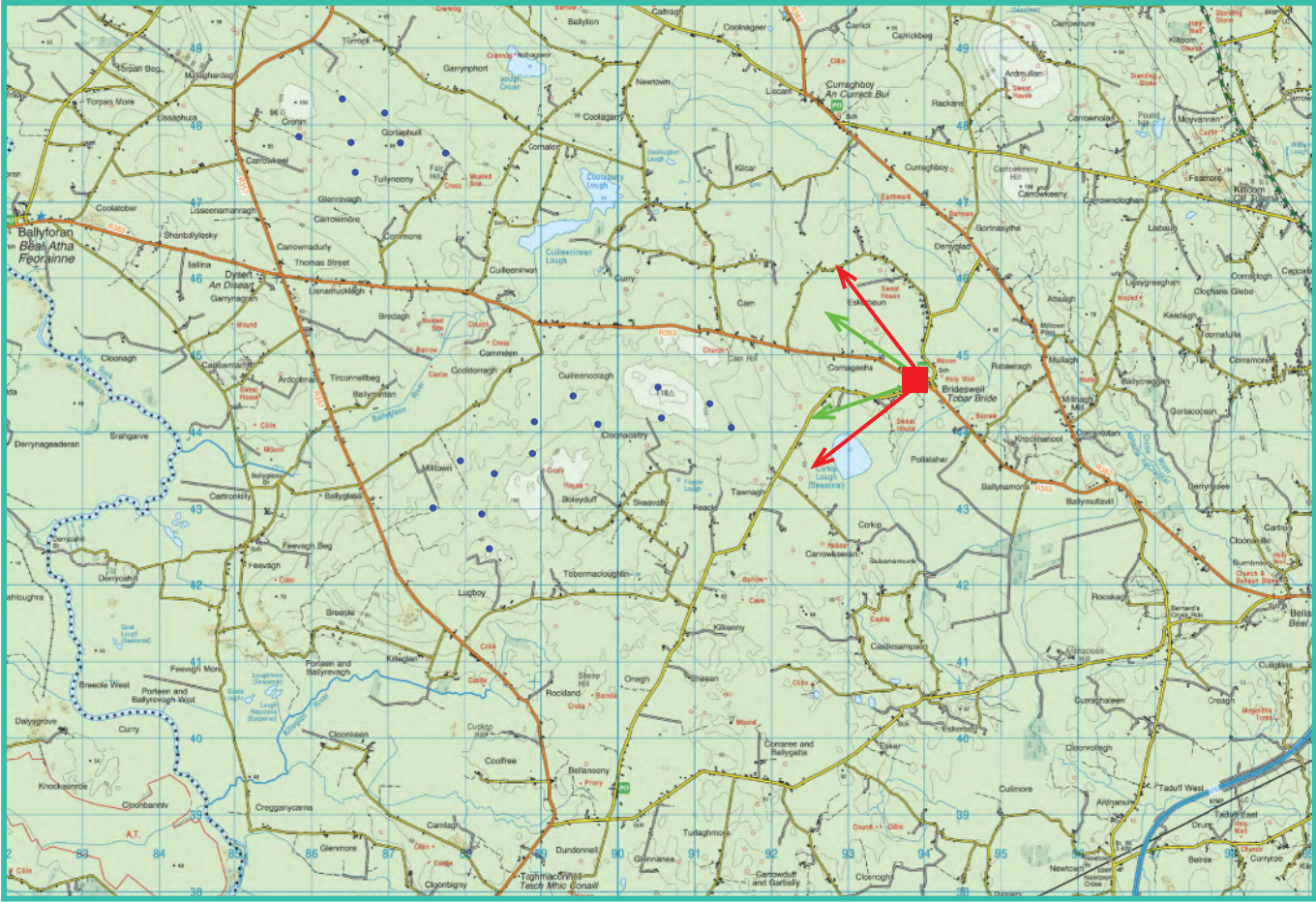
Photomontage 01

View Point: View from R363 Regional Road in the townland of Brideswell. The viewpoint is located approximately 2.5 km east of the nearest proposed turbine (T20).

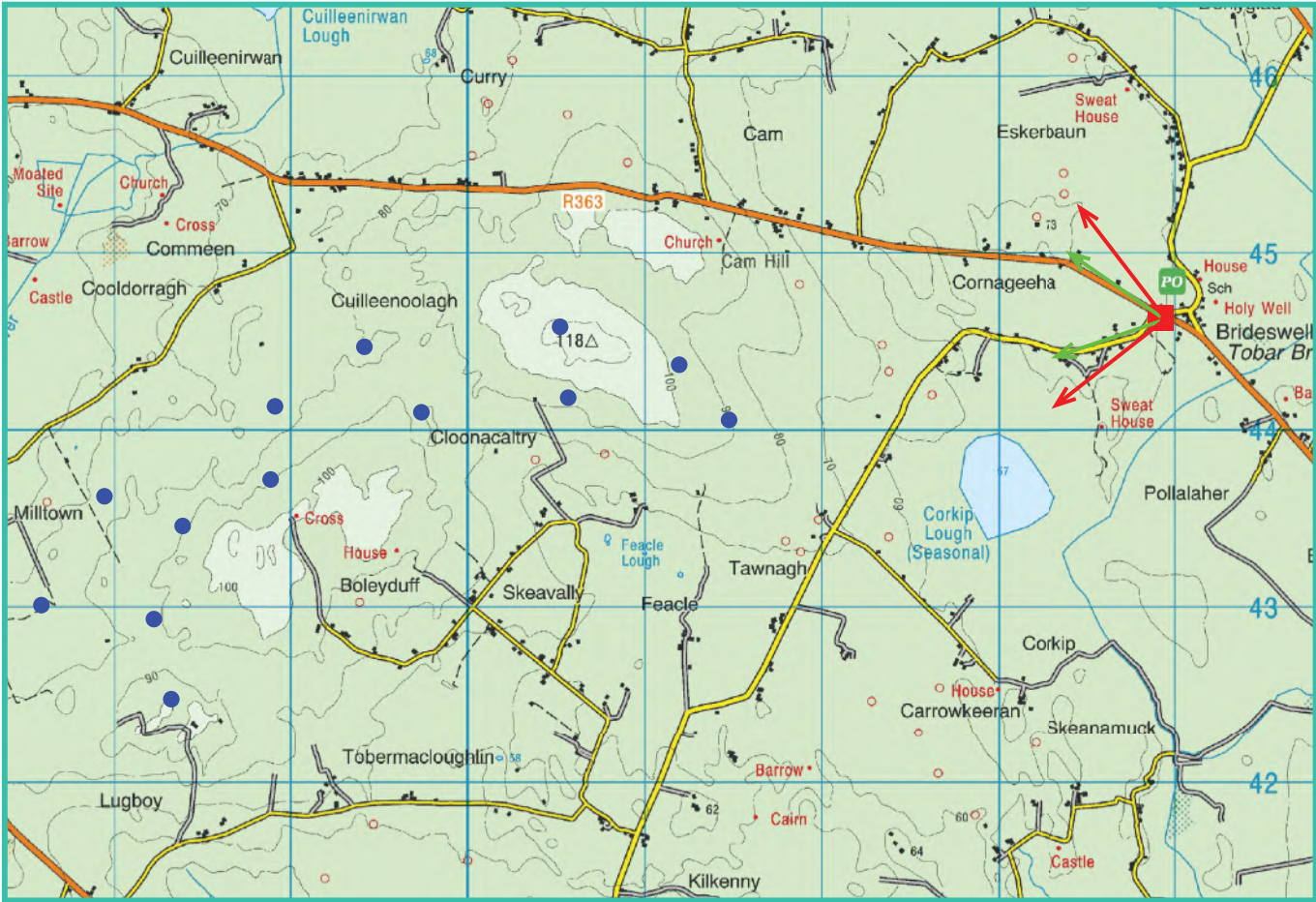
View point grid reference	E 593,826 N 744,704
Date of image taken	16.03.2022
Time of image taken	14:02
View point elevation	180m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	272°
Horizontal extent of proposed turbines	48°
Distance to nearest proposed turbine	2.5km (T20)
Number of proposed turbines visible	10/20
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Camera	Canon 5D Mark III / Full Frame Sensor
Lens	50mm Lens
Tripod	Manfrotto 190X extended to approx 1.65m.
Map Licence	© Ordnance Survey Ireland/Government of Ireland. CYAL50186891



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

Wireframe Legend

Proposed Seven Hills Wind Farm

Existing Skrine Wind Farm

Proposed Kilcash Wind Turbine

Permitted Derrane Wind Farm

Proposed Met Mast 100m

Prepared by

MKO
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Tuam Road, Galway.

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Website: www.mkofireland.ie

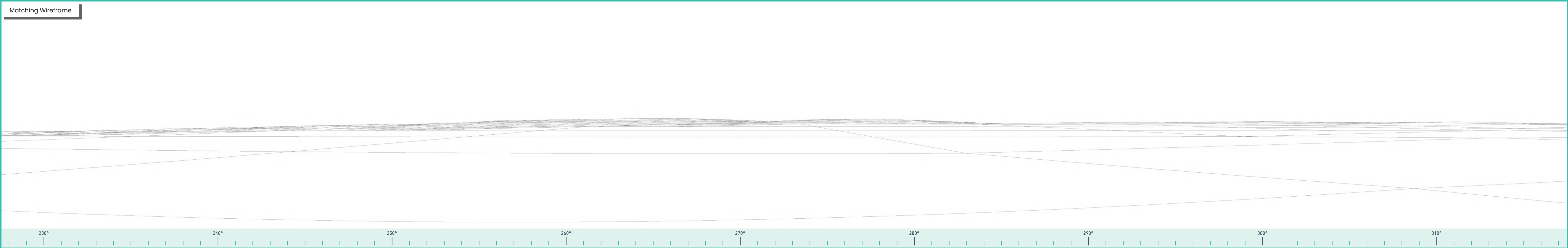


53.5° View Extent

Baseline at 90°



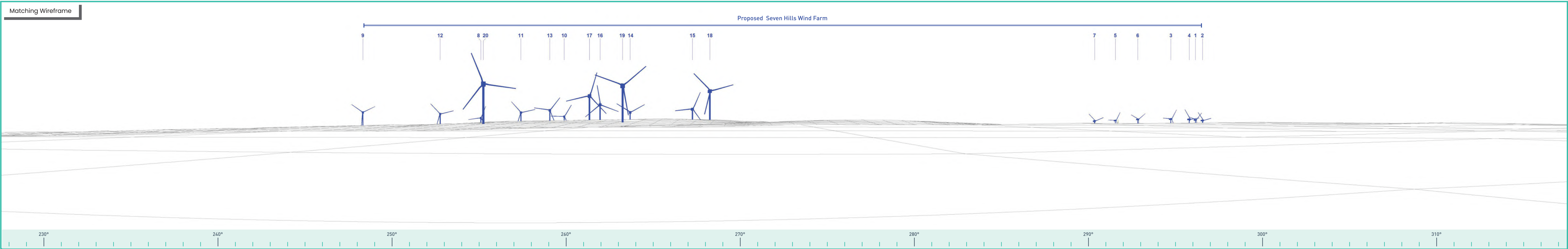
Matching Wireframe



Proposed Photomontage with Cumulative at 90°



Matching Wireframe



Proposed Photomontage with Cumulative at 53.5°



250°

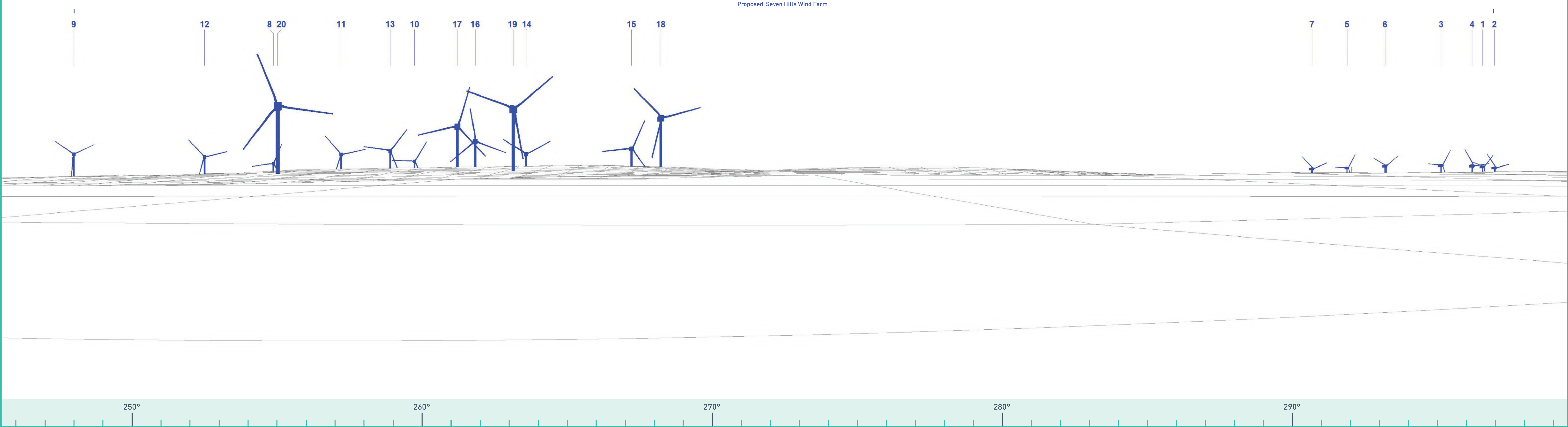
260°

270°

280°

290°

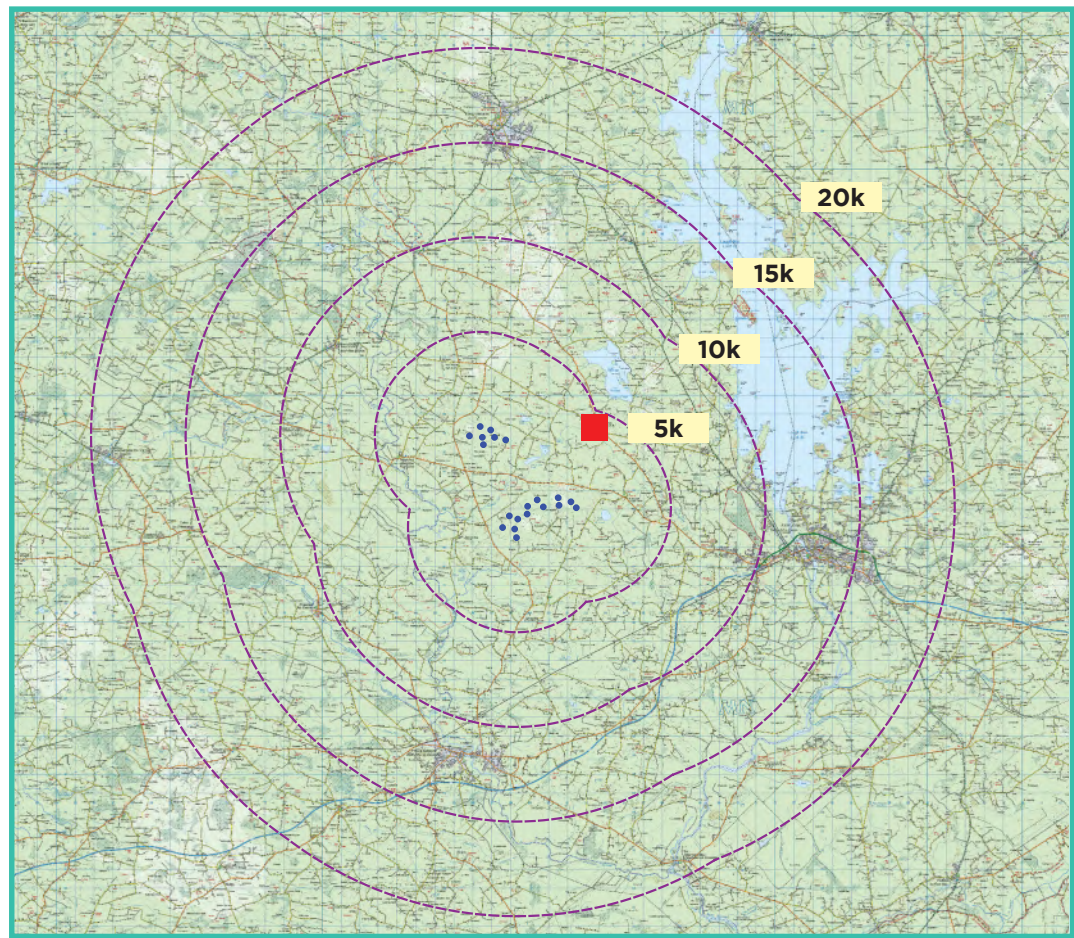
Matching Wireframe



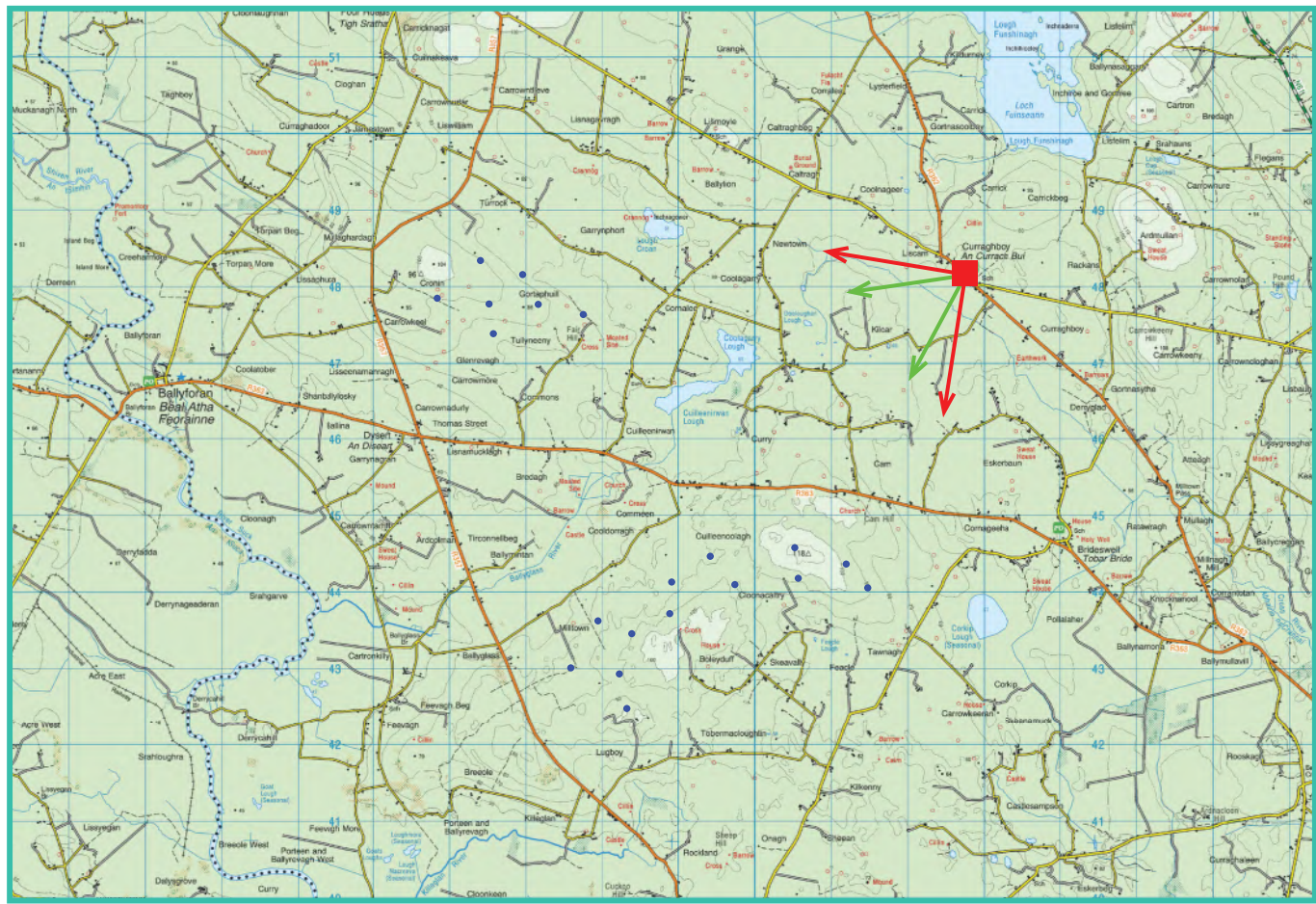
Curraghboy

View Point: View from the Village of Curraghboy in the townland of Carrick. The viewpoint is located on the R362 Regional Road, approximately 4.1 km north-east of the nearest proposed turbine (T19).

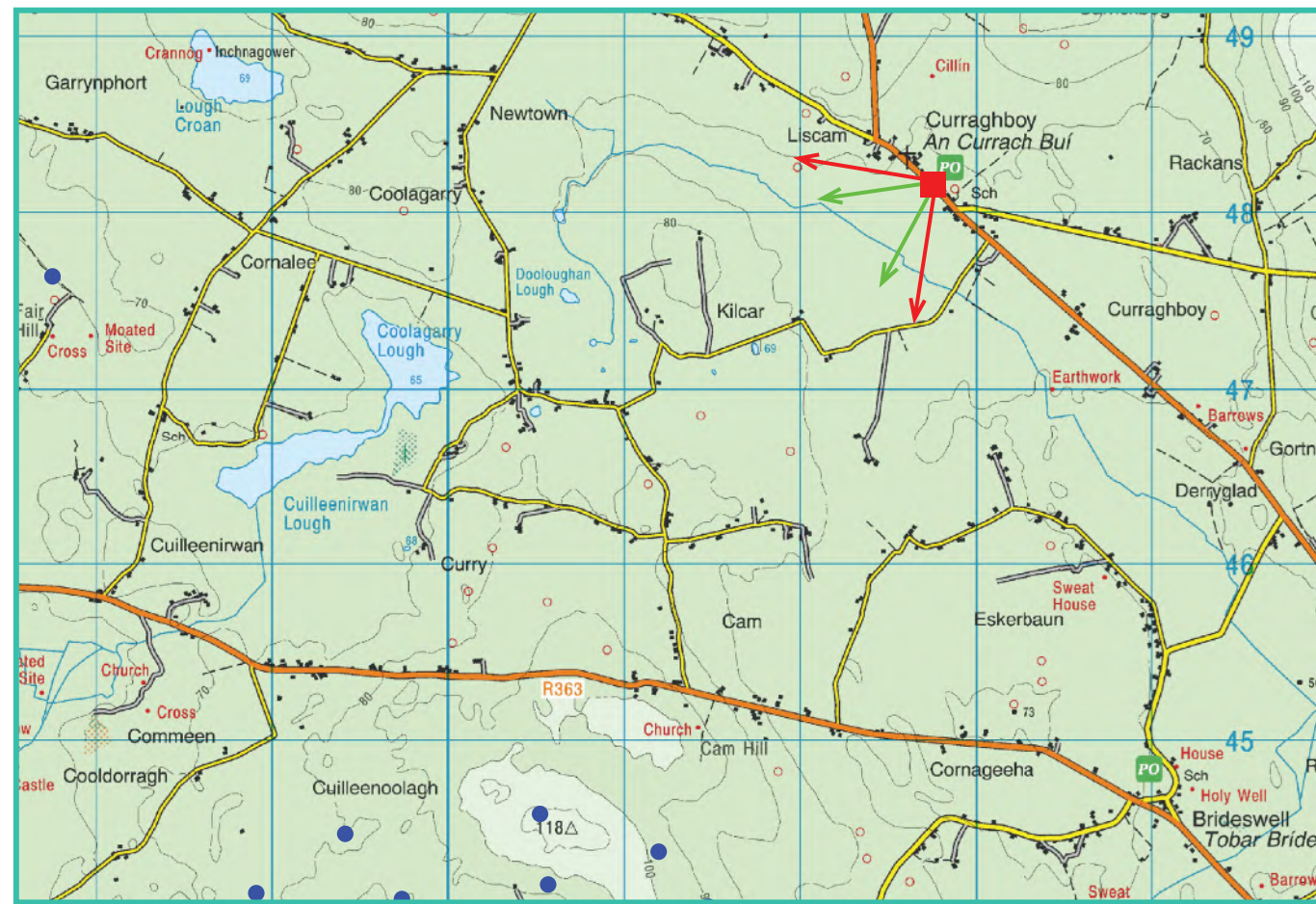
View point grid reference	E 592,691 N 748,194
Date of image taken	21.04.2021
Time of image taken	9.49am
View point elevation	180m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	234°
Horizontal extent of proposed turbines	74°
Distance to nearest proposed turbine	4.1km (T19)
Number of proposed turbines visible	20/20
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Camera	Canon 5D Mark III / Full Frame Sensor
Lens	50mm Lens
Tripod	Manfrotto 190X extended to approx 1.65m.
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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 

Wireframe Legend

Proposed Seven Hills Wind Farm

Existing Skrine Wind Farm

Proposed Kilcash Wind Turbine

Permitted Derrane Wind Farm

Prepared by

MKO
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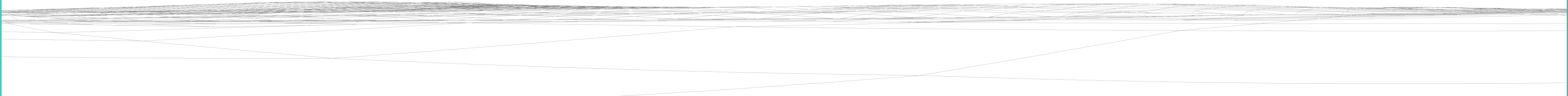


Key Image at 120°

53.5° View Extent

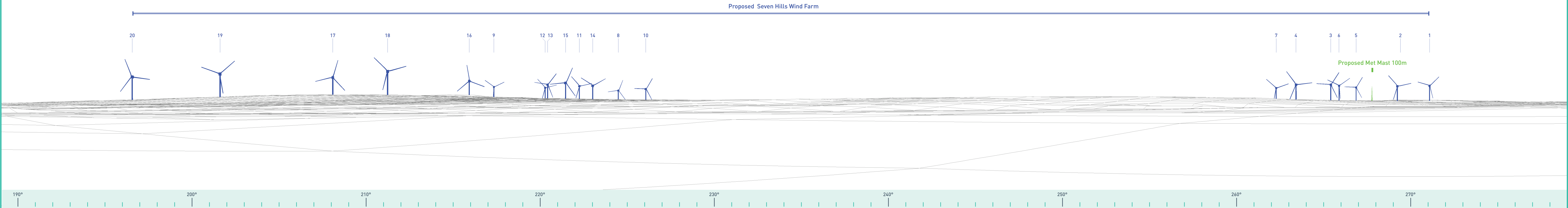


Matching Wireframe





Matching Wireframe



Proposed Photomontage with Cumulative at 53.5°



220°

230°

240°

250°

260°

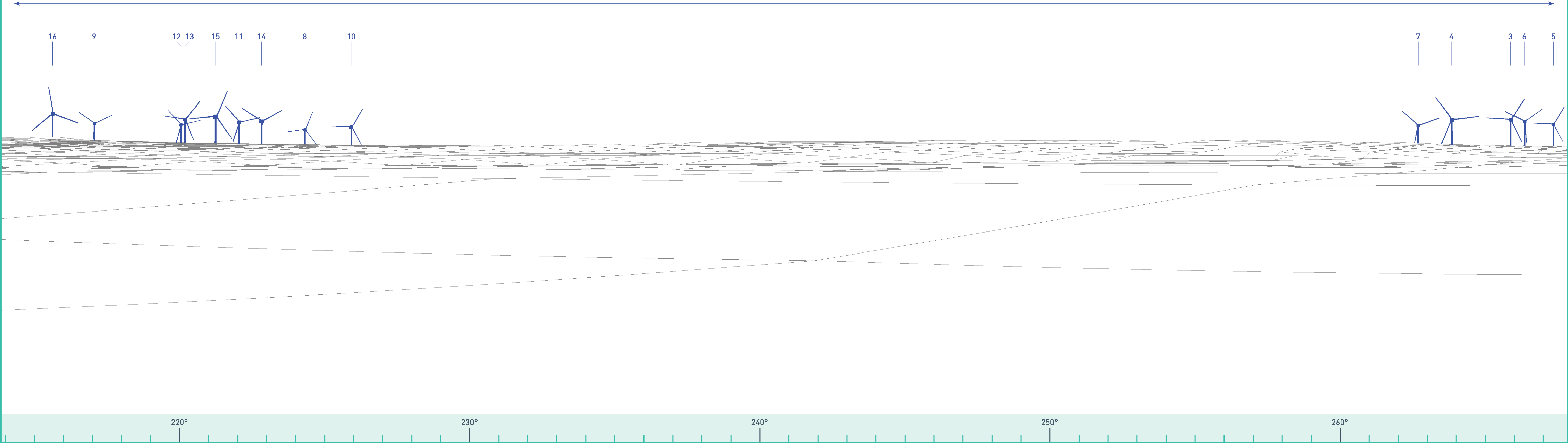
0° Included Angle (Degrees)

26.5°

53.5°

Matching Wireframe

Proposed Seven Hills Wind Farm

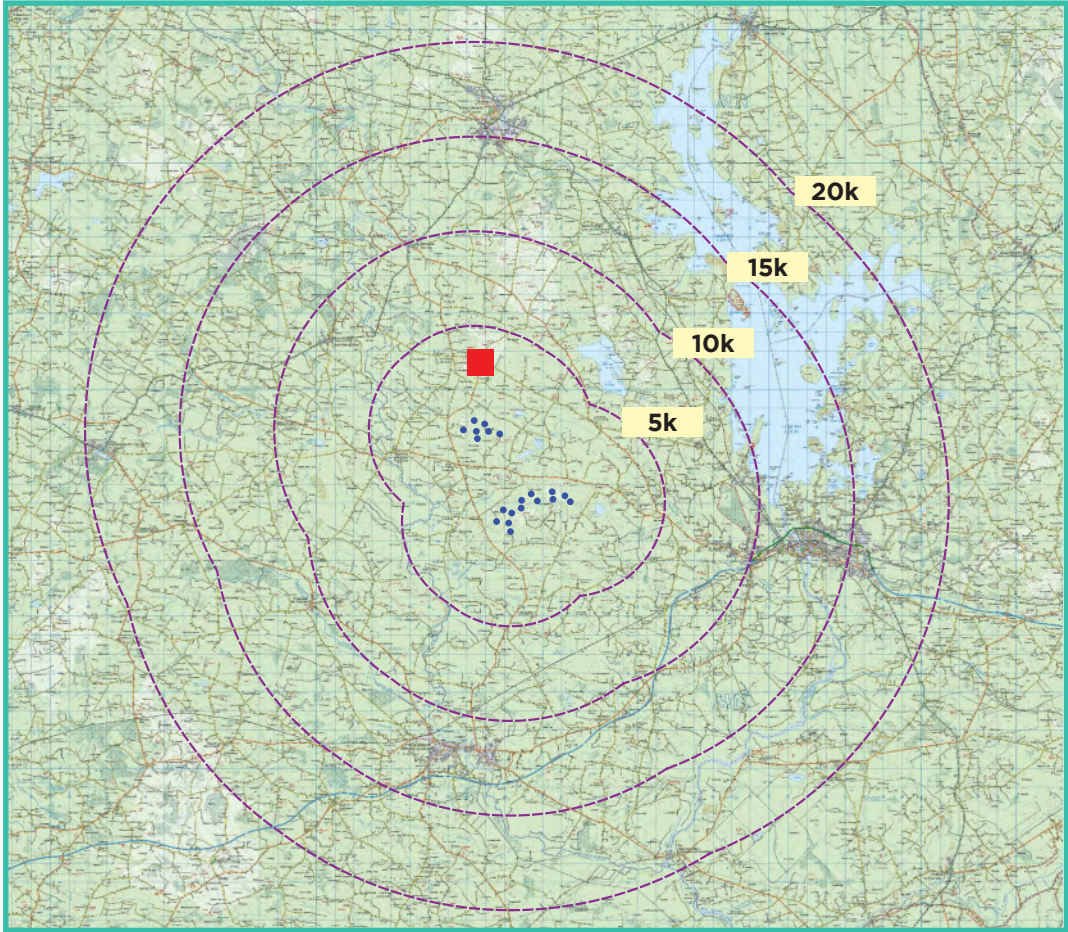


View Direction (Degrees)

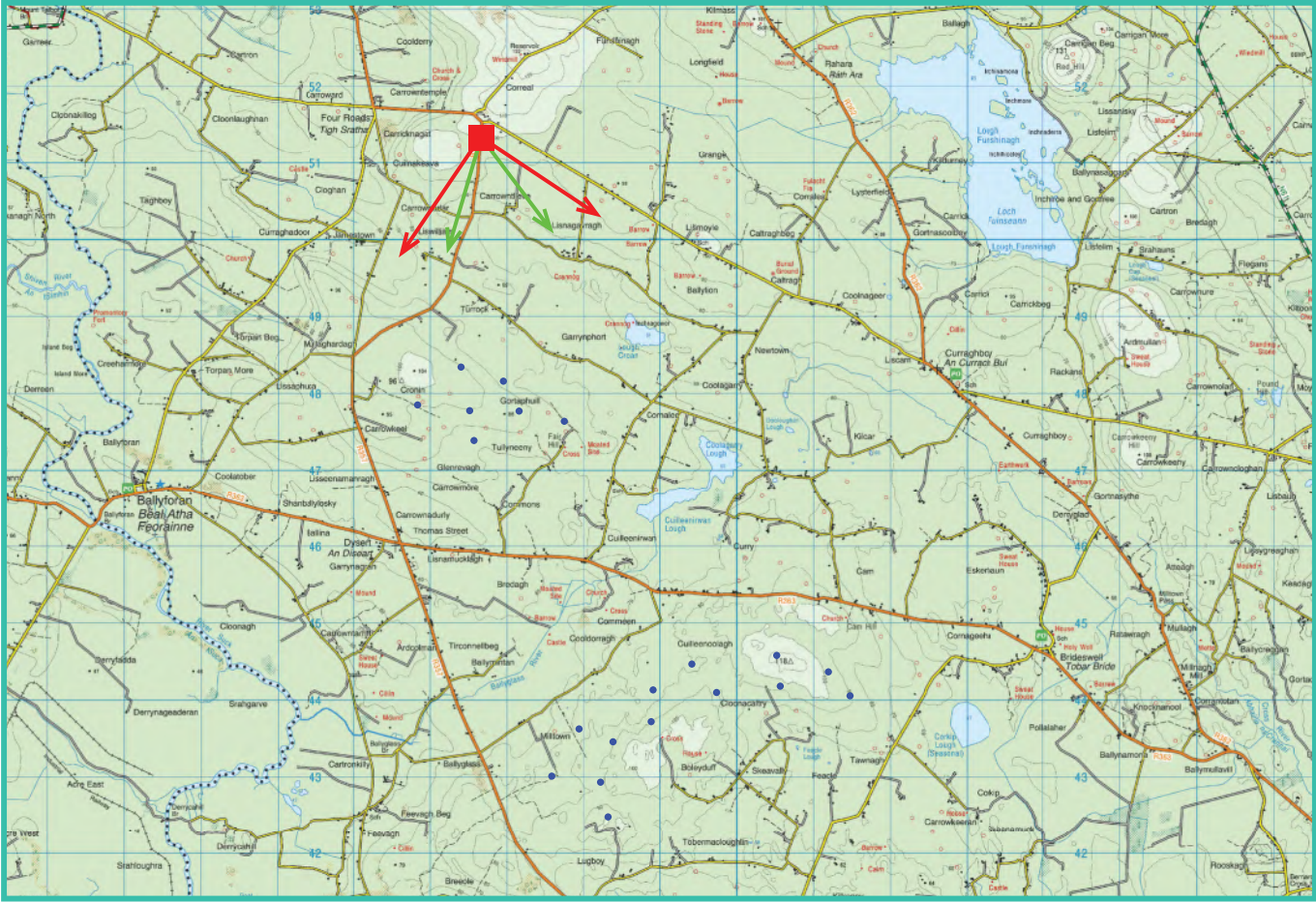
Photomontage 03

View Point: View from Four Roads in the townland of Correal. The viewpoint is located on the R357 Regional Road, approximately 3 km north of the nearest proposed turbine (T1).

View point grid reference	E 586,616 N 751,362
Date of image taken	21.04.2021
Time of image taken	1:32pm
View point elevation	180m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	169°
Horizontal extent of proposed turbines	47°
Distance to nearest proposed turbine	3km (T1)
Number of proposed turbines visible	20/20
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Camera	Canon 5D Mark III / Full Frame Sensor
Lens	50mm Lens
Tripod	Manfrotto 190X extended to approx 1.65m.
Map Licence	© Ordnance Survey Ireland/Government of Ireland. CYAL50186891



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

Wireframe Legend

Proposed Seven Hills Wind Farm

Existing Skrine Wind Farm

Proposed Kilcash Wind Turbine

Permitted Derrane Wind Farm

Proposed Met Mast 100m

Prepared by

MKO
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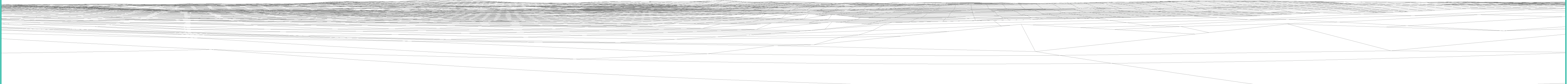


53.5° View Extent

Baseline at 90°



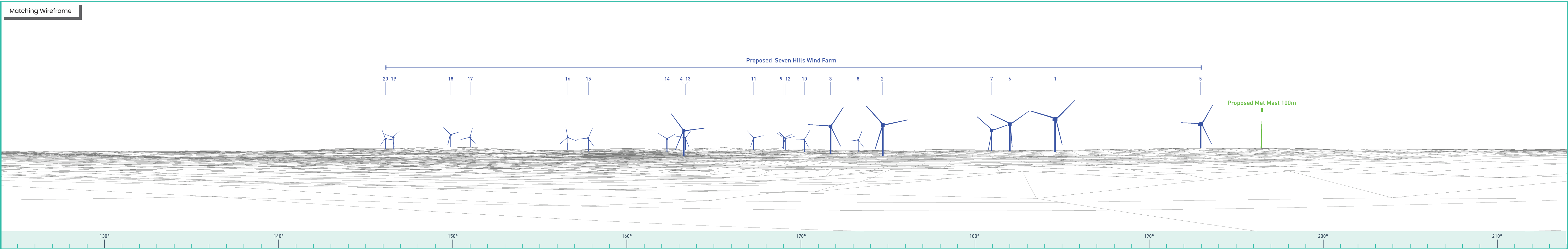
Matching Wireframe



Proposed Photomontage with Cumulative at 90°



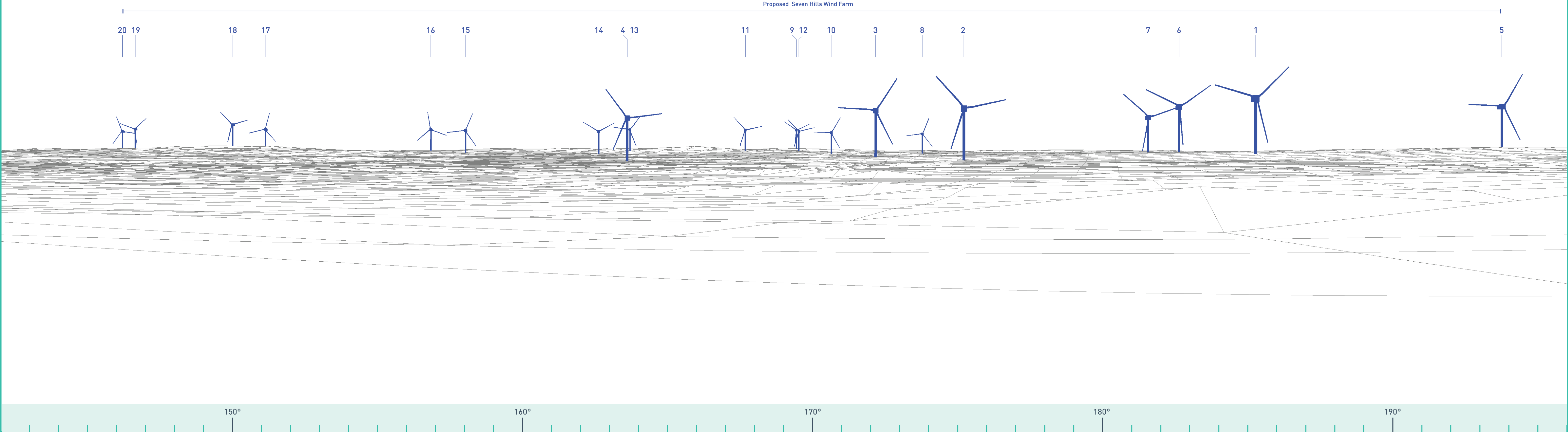
Matching Wireframe



Proposed Photomontage with Cumulative at 53.5°



Matching Wireframe



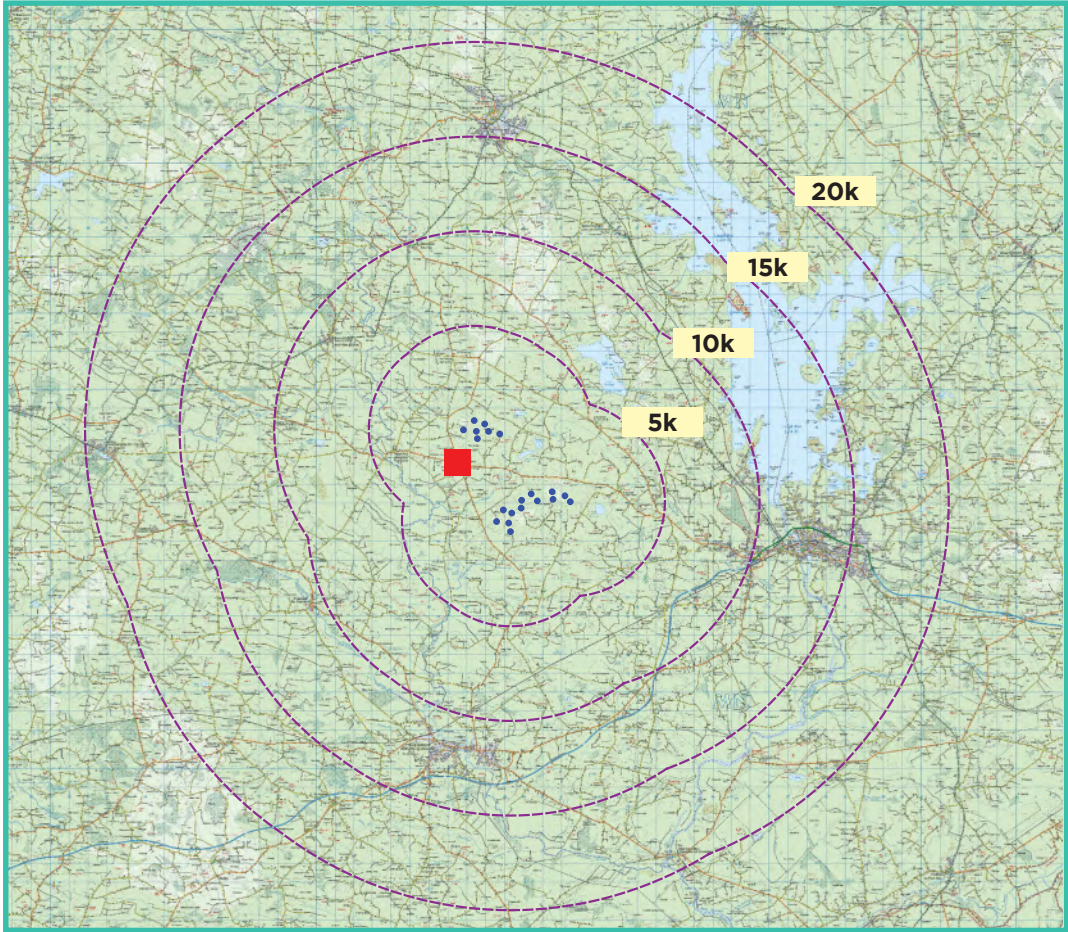
View Point 04A

Dysart

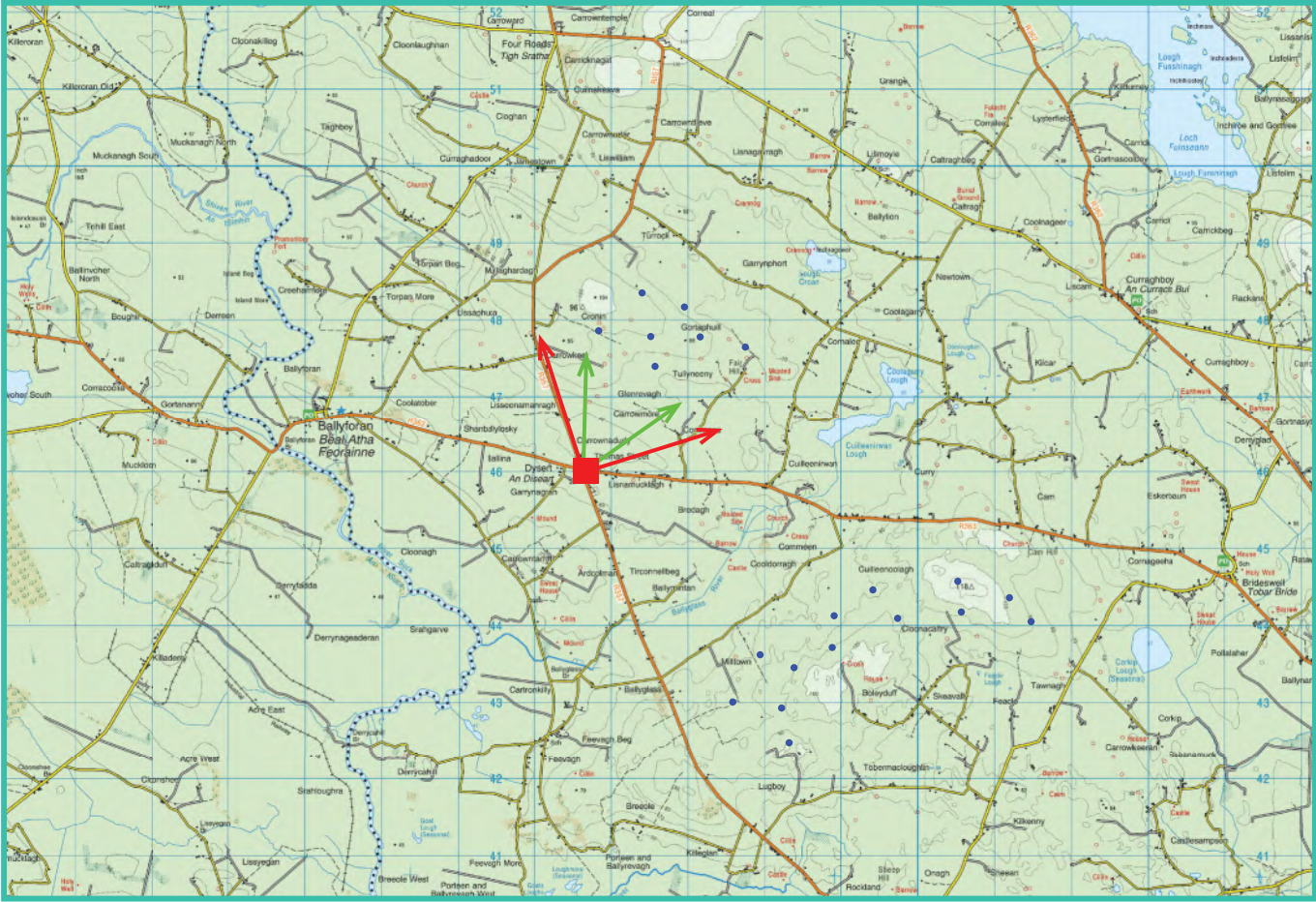
Photomontage 04A

View Point: View from the village of Dysart in the townland of Carrownadurley. The viewpoint is located at the intersection between the R363 and R357 Regional Roads, approximately 1.6 km south-west of the nearest proposed turbine (T7).

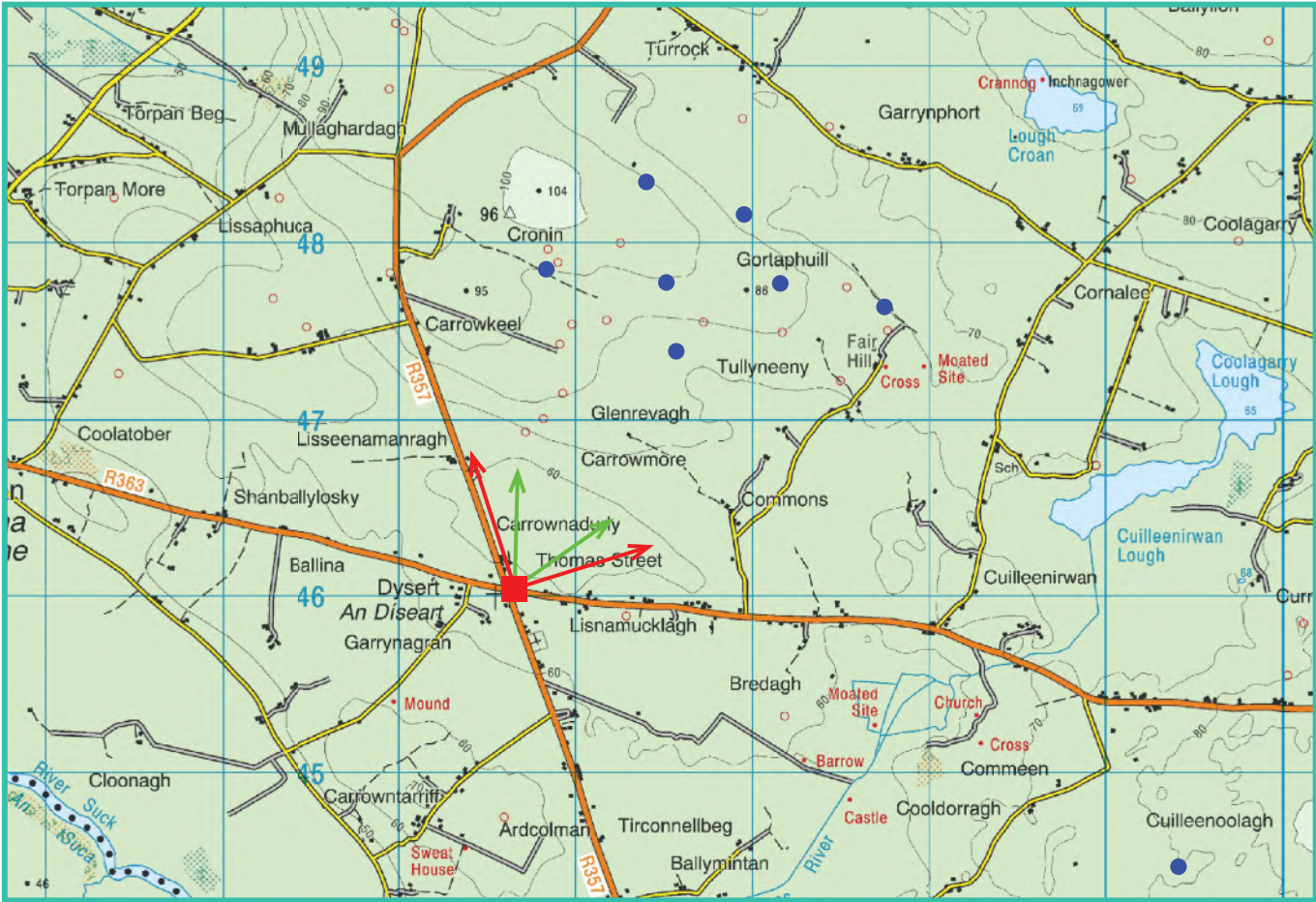
View point grid reference	E 585,596 N 746,053
Date of image taken	21.04.2021
Time of image taken	12:53pm
View point elevation	180m
Angle of Views	180° / 90° / 53.5°
View Direction (Image Centre)	40°
Horizontal extent of proposed turbines	142°
Distance to nearest proposed turbine	1.6km (T7)
Number of proposed turbines visible	5/20
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Camera	Canon 5D Mark III / Full Frame Sensor
Lens	50mm Lens
Tripod	Manfrotto 190X extended to approx 1.65m.
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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

Wireframe Legend

Proposed Seven Hills Wind Farm

Existing Skrine Wind Farm

Proposed Kilcash Wind Turbine

Permitted Derrane Wind Farm

Proposed Met Mast 100m

Prepared by

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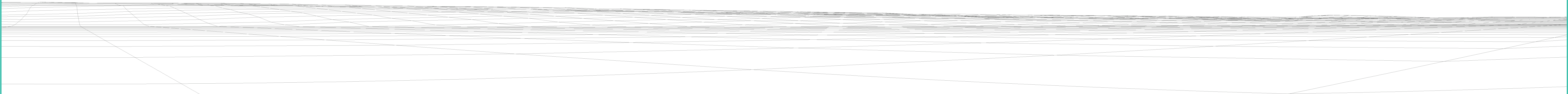
90° View Extent



53.5° View Extent

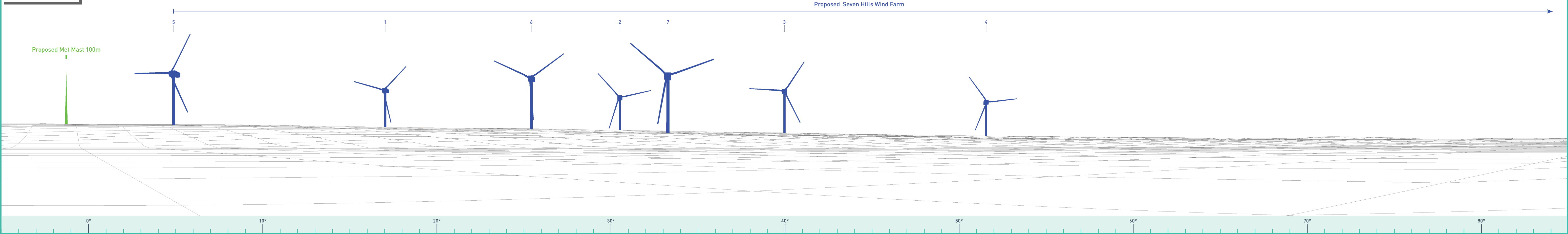


Matching Wireframe



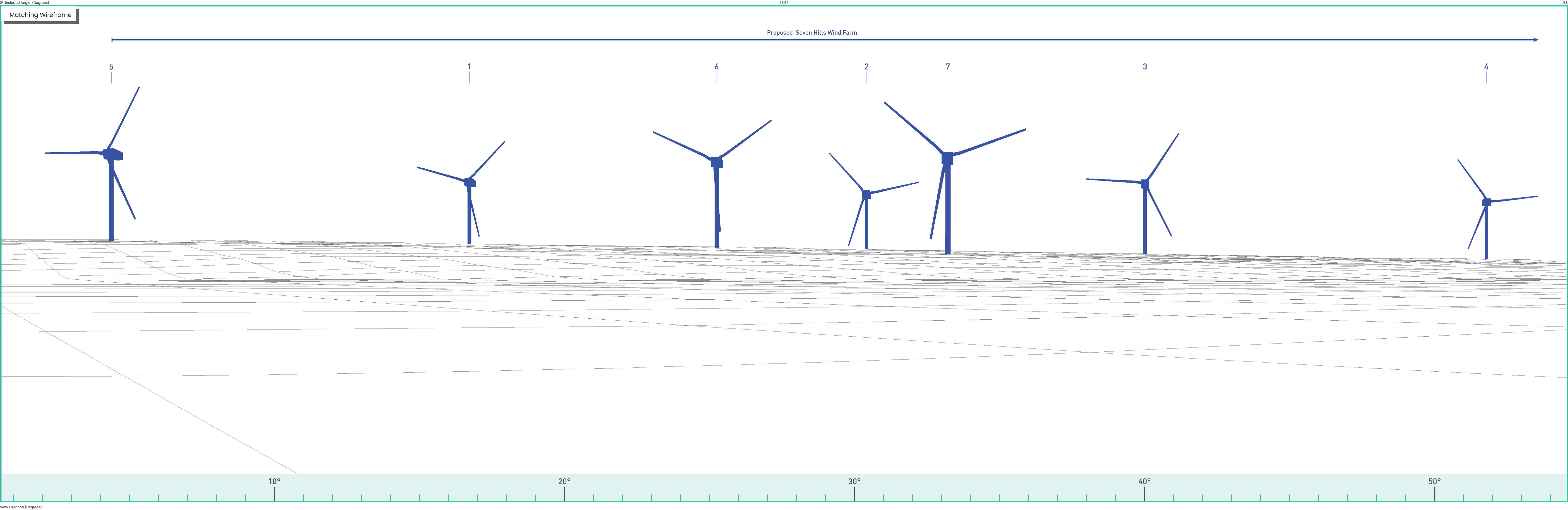


Matching Wireframe



Proposed Photomontage with Cumulative at 53.5°

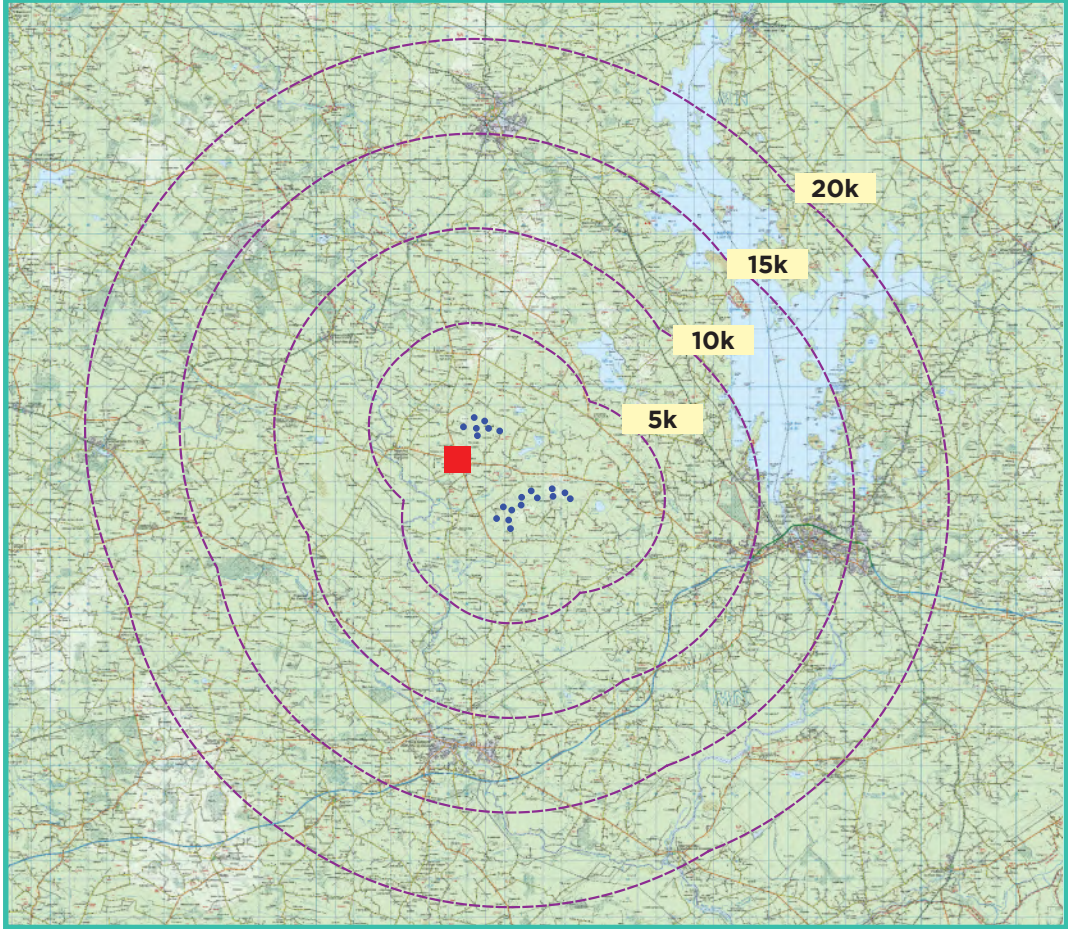




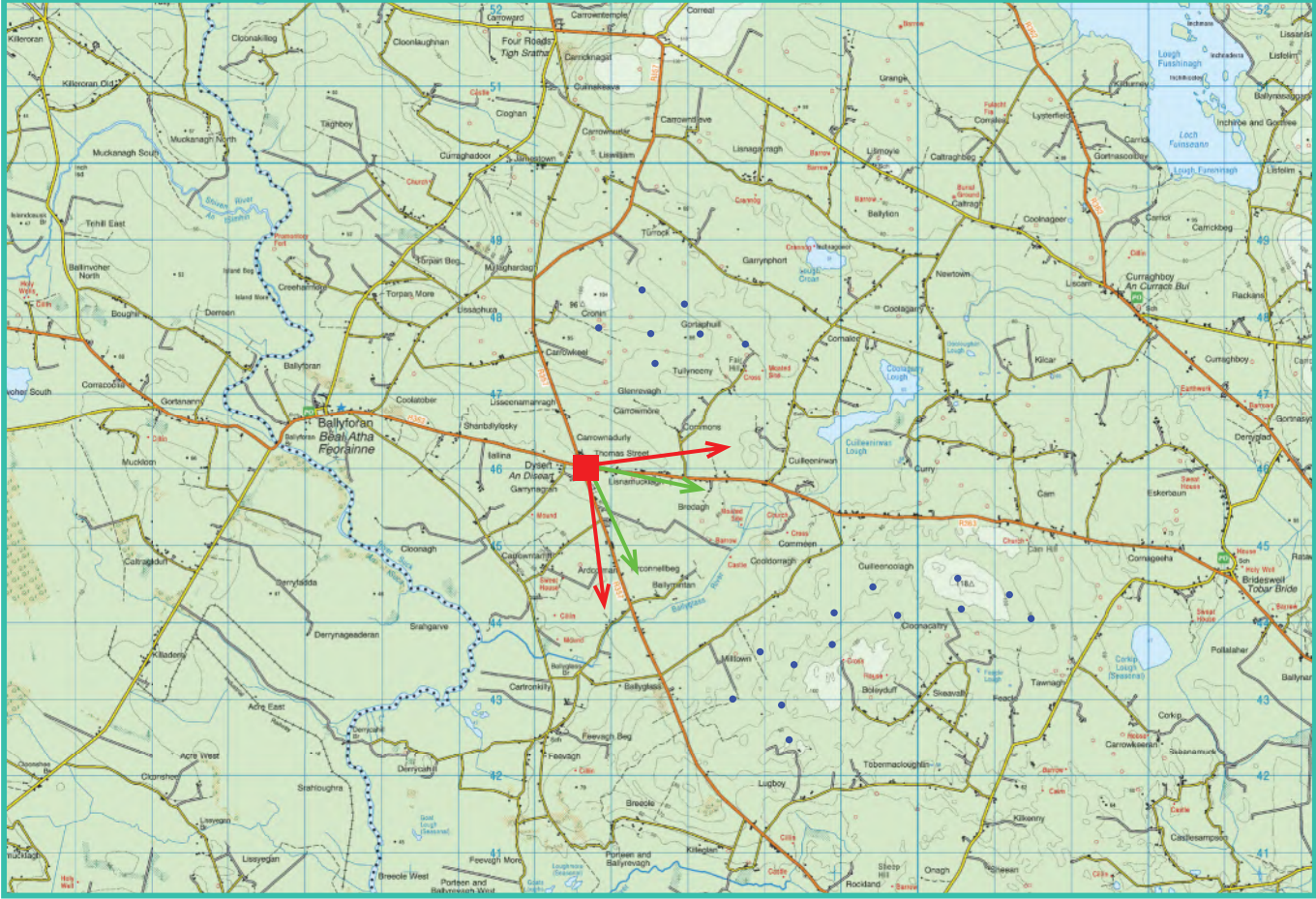
Photomontage 04B

View Point: View from the village of Dysart in the townland of Carrownadurley. The viewpoint is located at the intersection between the R363 and R357 Regional Roads, approximately 1.6 km south-west of the nearest proposed turbine (T7).

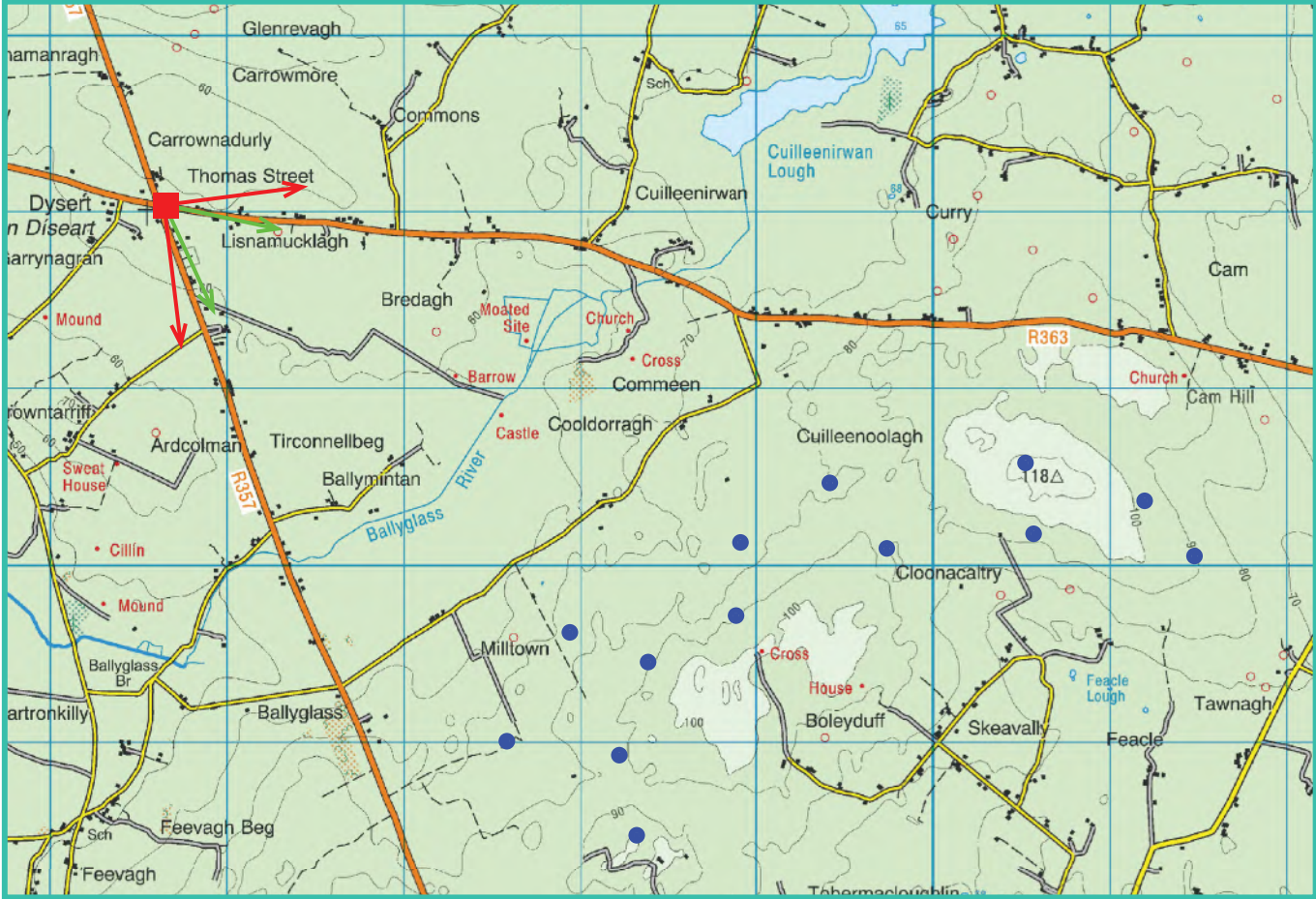
View point grid reference	E 585,596 N 746,053
Date of image taken	21.04.2021
Time of image taken	12:53pm
View point elevation	180m
Angle of Views	180° / 90° / 53.5°
View Direction (Image Centre)	125°
Horizontal extent of proposed turbines	142°
Distance to nearest proposed turbine	1.6km (T7)
Number of proposed turbines visible	8/20
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Camera	Canon 5D Mark III / Full Frame Sensor
Lens	50mm Lens
Tripod	Manfrotto 190X extended to approx 1.65m.
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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

Wireframe Legend

- Proposed Seven Hills Wind Farm
- Existing Skrine Wind Farm
- Proposed Kilcash Wind Turbine
- Permitted Derrane Wind Farm
- Proposed Met Mast 100m

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Website: www.mkofireland.ie



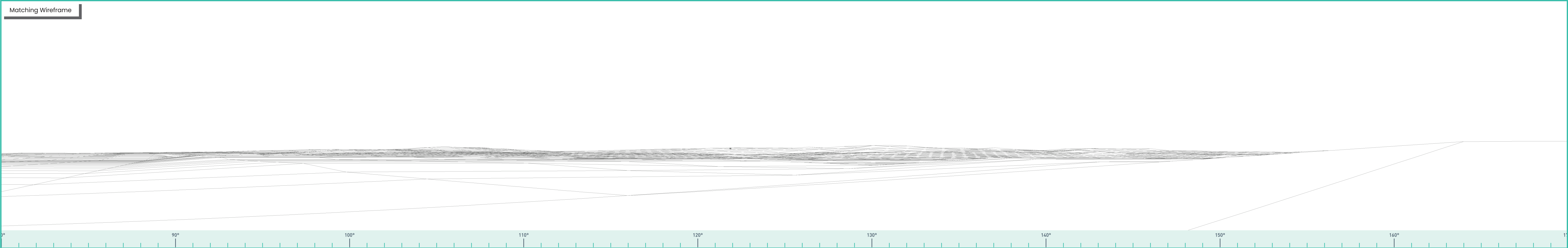
90° View Extent

53.5° View Extent

Baseline at 90°

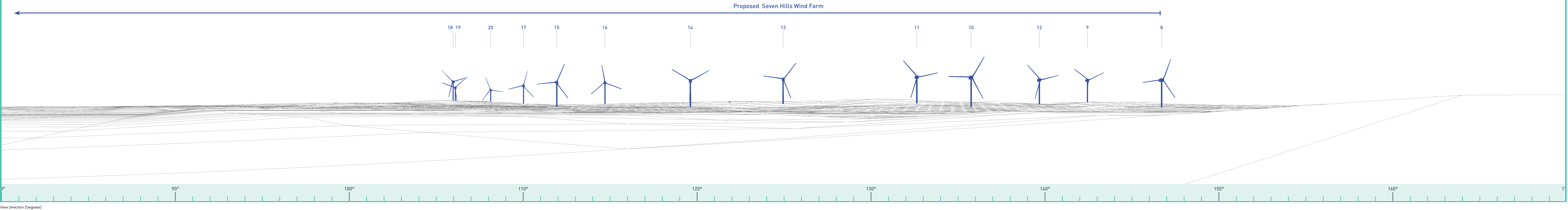


Matching Wireframe

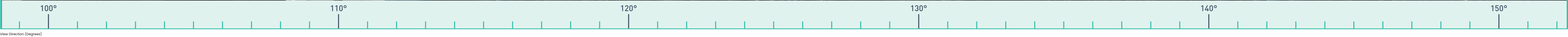




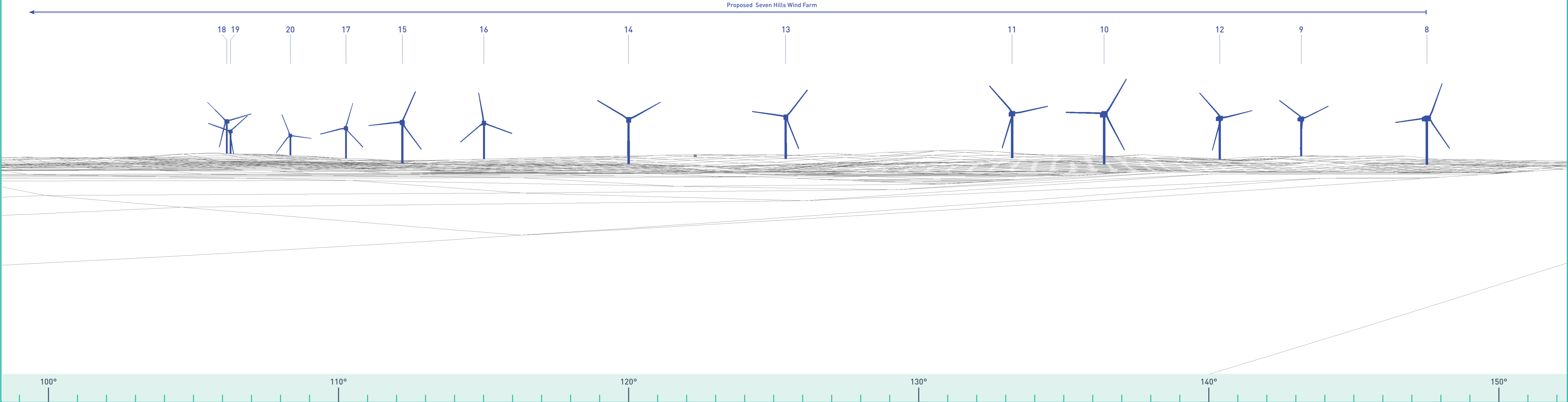
Matching Wireframe



Proposed Photomontage with Cumulative at 53.5°



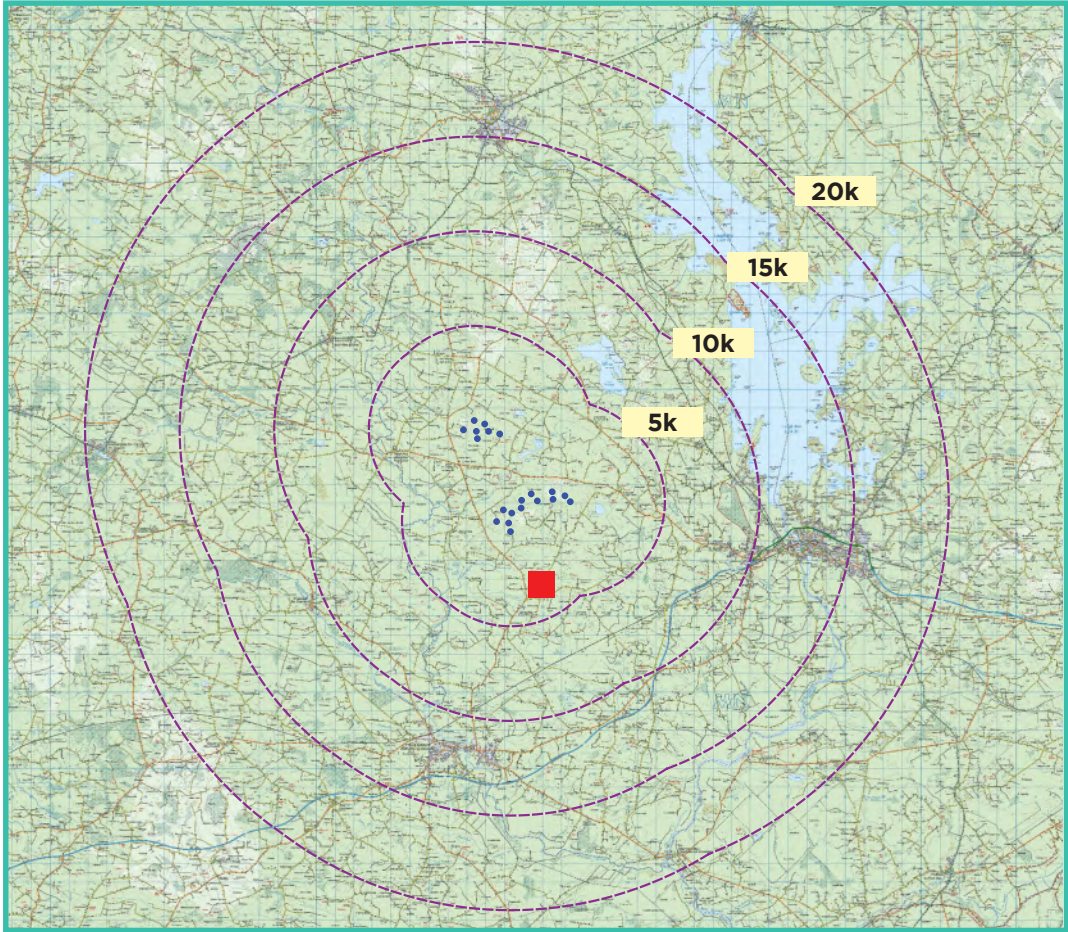
Matching Wireframe



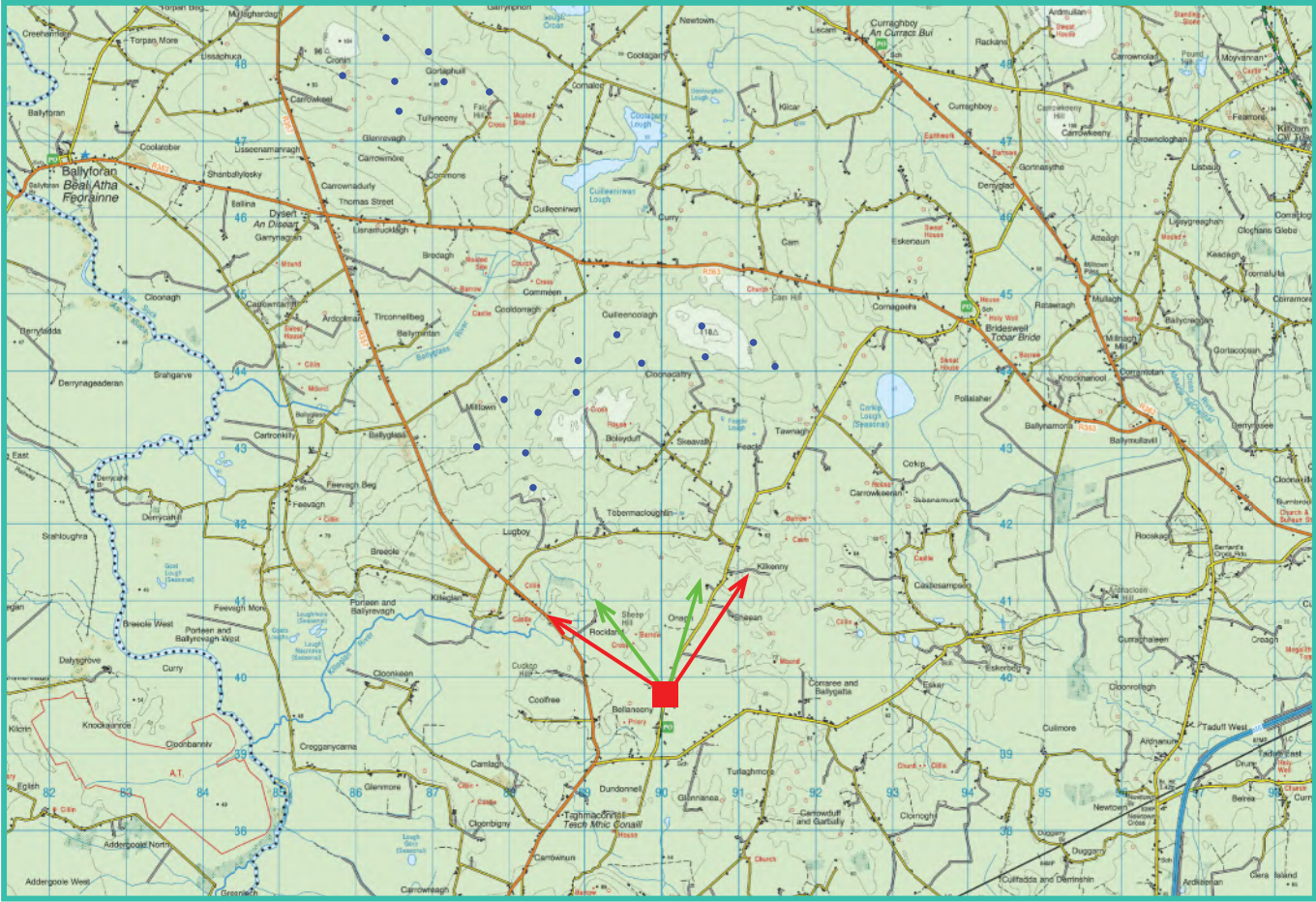
Photomontage 05

View Point: View from the GAA club in Taughmaconnell in the townland of Onagh. The viewpoint is located on the L2024 Local Road, approximately 3.2 km south of the nearest proposed turbine (T9).

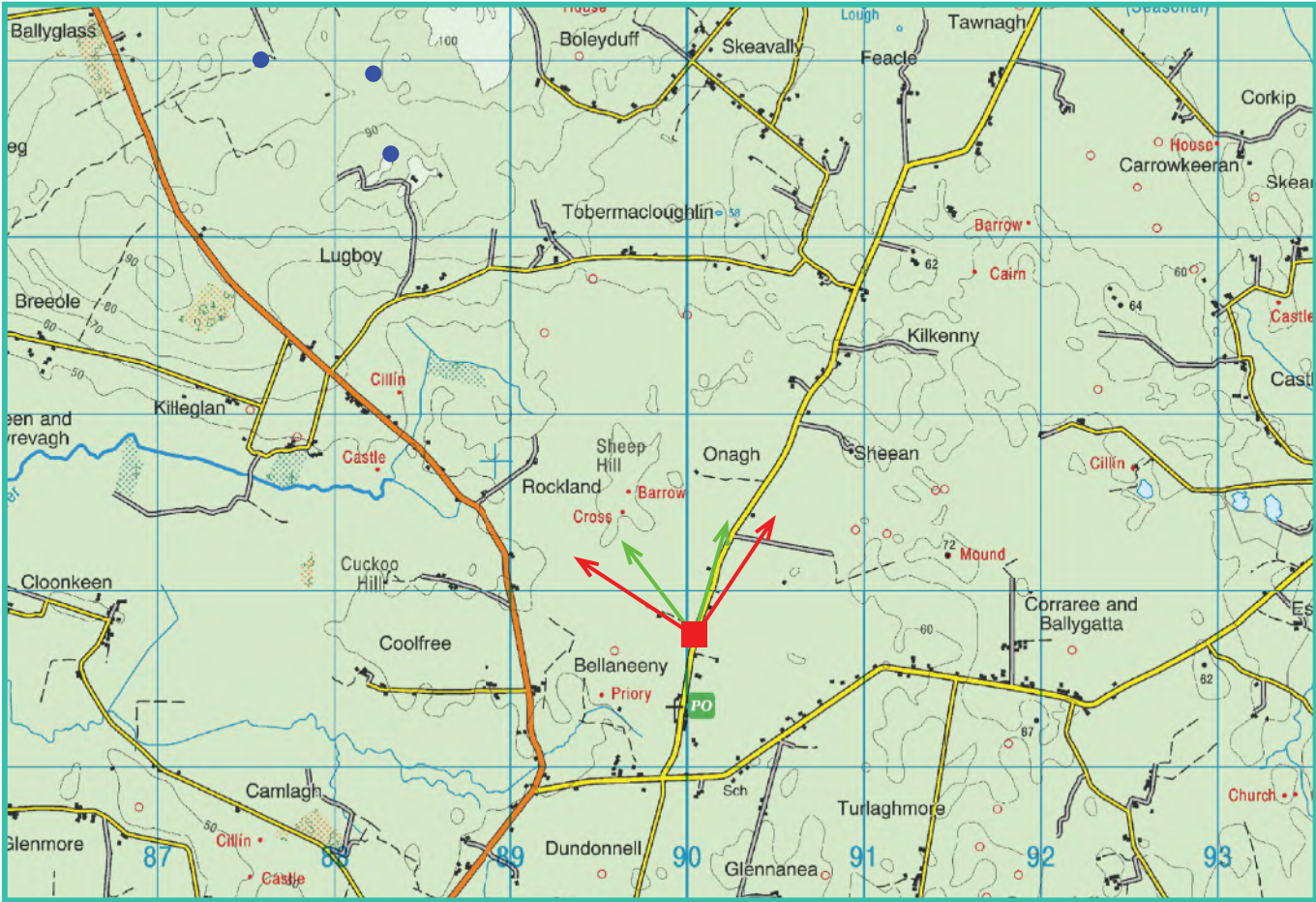
View point grid reference	E 590,023 N 739,825
Date of image taken	21.04.2021
Time of image taken	10:59am
View point elevation	180m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	348°
Horizontal extent of proposed turbines	57°
Distance to nearest proposed turbine	3.2km (T9)
Number of proposed turbines visible	10/20
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Camera	Canon 5D Mark III / Full Frame Sensor
Lens	50mm Lens
Tripod	Manfrotto 190X extended to approx 1.65m.
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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

Wireframe Legend

- Proposed Seven Hills Wind Farm
- Existing Skrine Wind Farm
- Proposed Kilcash Wind Turbine
- Permitted Derrane Wind Farm
- Proposed Met Mast 100m

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Website: www.mkofireland.ie

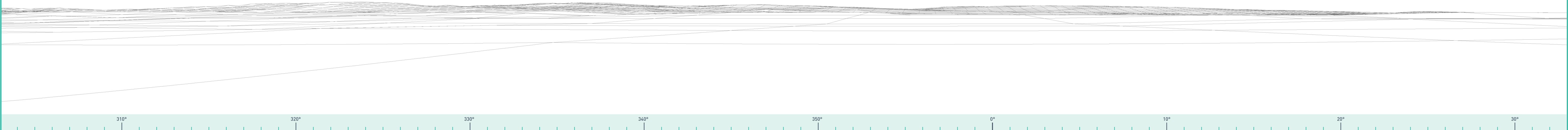


Key Image at 120°

53.5° View Extent



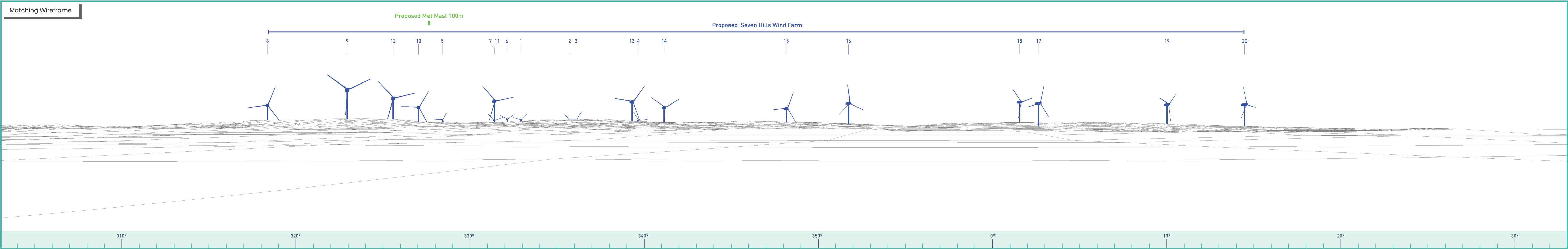
Matching Wireframe



Proposed Photomontage with Cumulative at 90°



Matching Wireframe



Proposed Photomontage with Cumulative at 53.5°



330°

340°

350°

0°

10°

0° Included Angle (Degrees)

26.5°

53.5°

Matching Wireframe

Proposed Met Mast 100m

Proposed Seven Hills Wind Farm

9

12

10

5

7

11

6

1

2

3

13

4

14

15

16

18

17

19

330°

340°

350°

0°

10°

View Direction (Degrees)

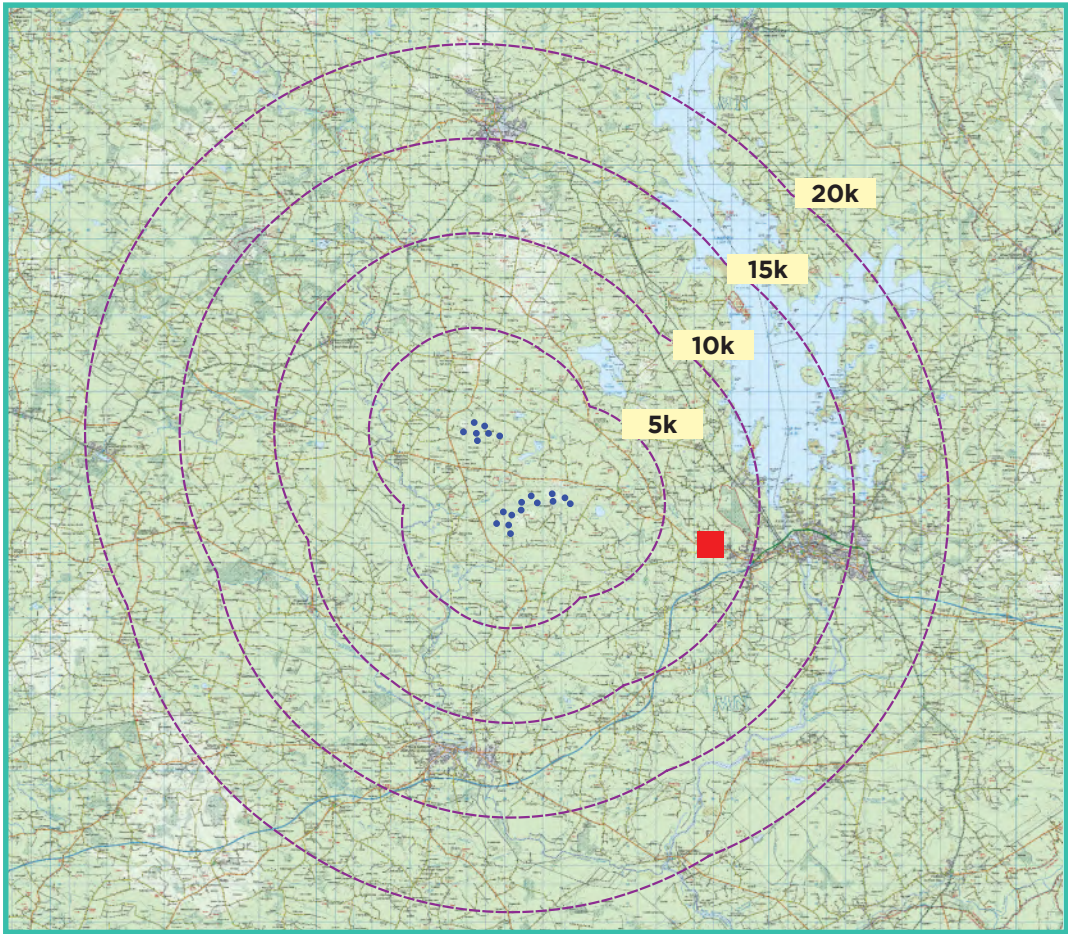
View Point 06

Bellanamullia

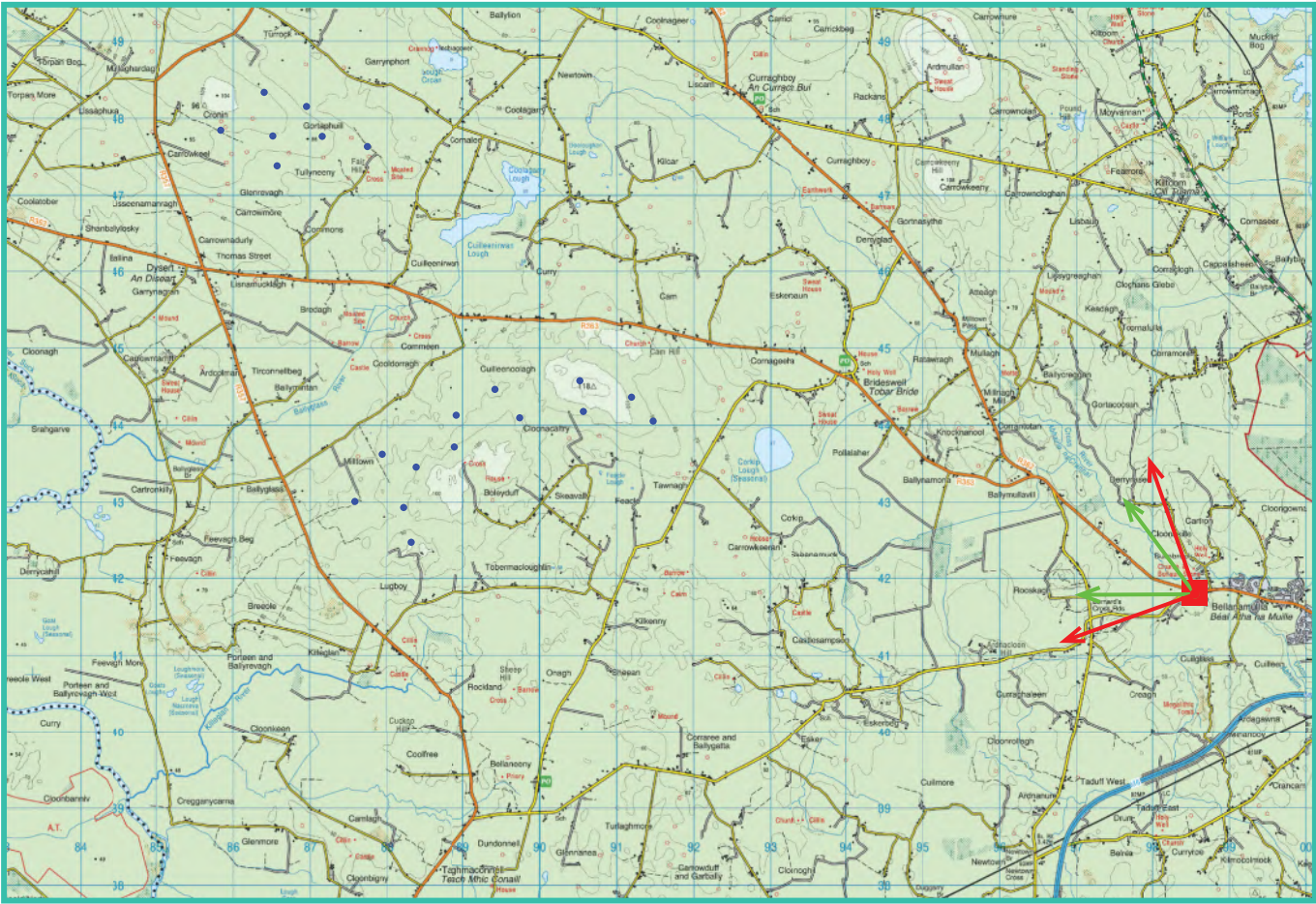
Photomontage 06

View Point: View from Bellanamullia in the townland of Cloonakilla. The viewpoint is located outside of Cloonakilla National School on the R362 Regional Road, approximately 7.4 km south-east of the nearest proposed turbine (T20).

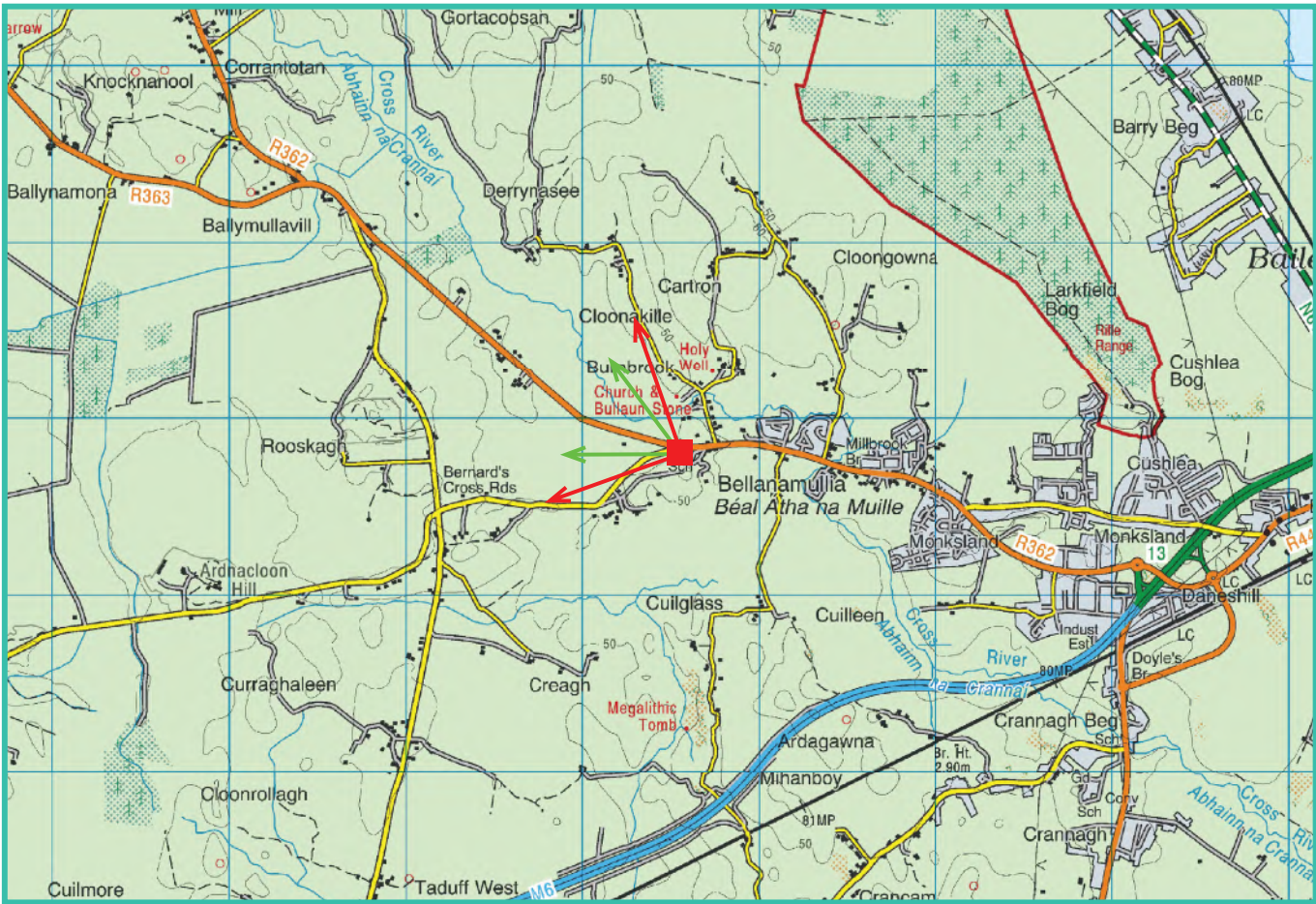
View point grid reference	E 598,523 N 741,854
Date of image taken	26.09.2020
Time of image taken	12:14pm
View point elevation	180m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	286°
Horizontal extent of proposed turbines	25°
Distance to nearest proposed turbine	7.4km (T20)
Number of proposed turbines visible	14/20
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Camera	Canon 5D Mark III / Full Frame Sensor
Lens	50mm Lens
Tripod	Manfrotto 190X extended to approx 1.65m.
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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

Wireframe Legend

Proposed Seven Hills Wind Farm

Existing Skrine Wind Farm

Proposed Kilcash Wind Turbine

Permitted Derrane Wind Farm

Proposed Met Mast 100m

Prepared by

MKO
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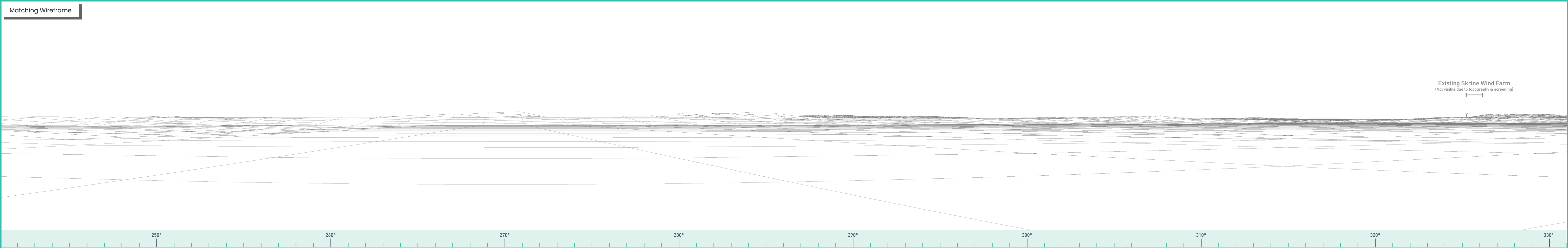
Key Image at 120°

53.5° View Extent

Baseline at 90°



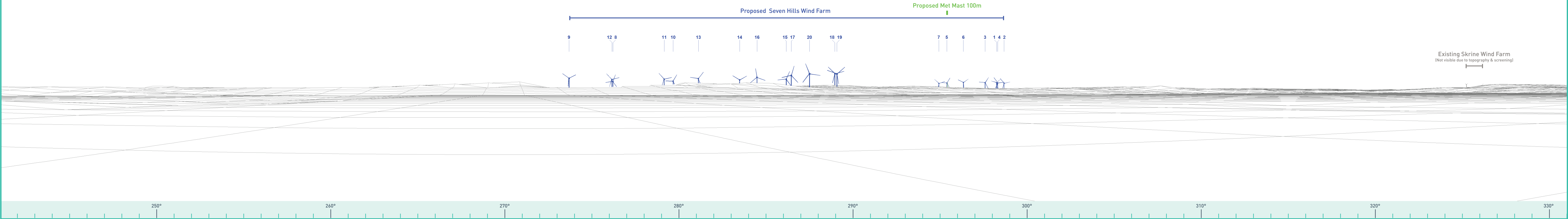
Matching Wireframe



Proposed Photomontage with Cumulative at 90°



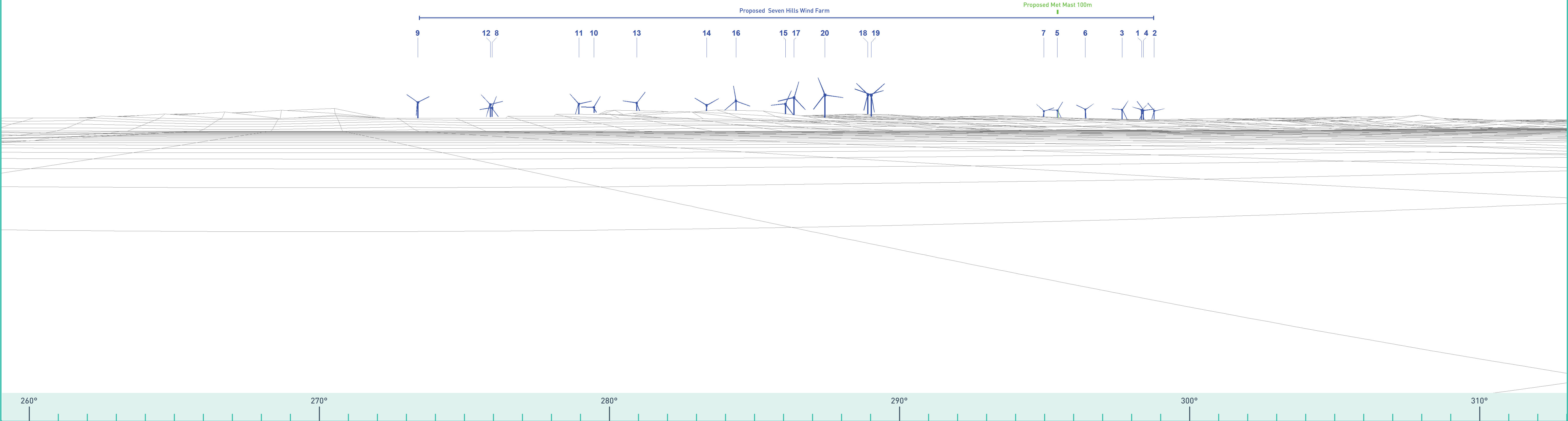
Matching Wireframe



Proposed Photomontage with Cumulative at 53.5°



Matching Wireframe



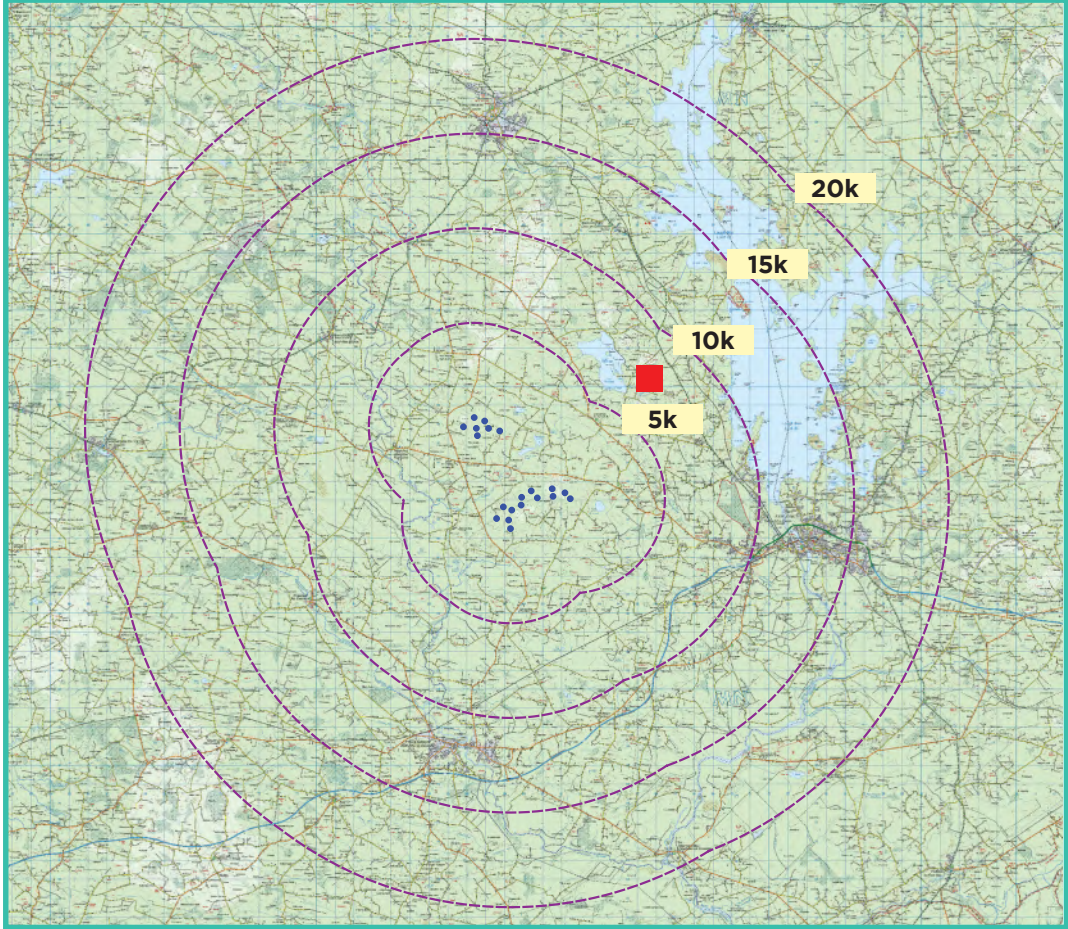
View Point 07

Lisfelim

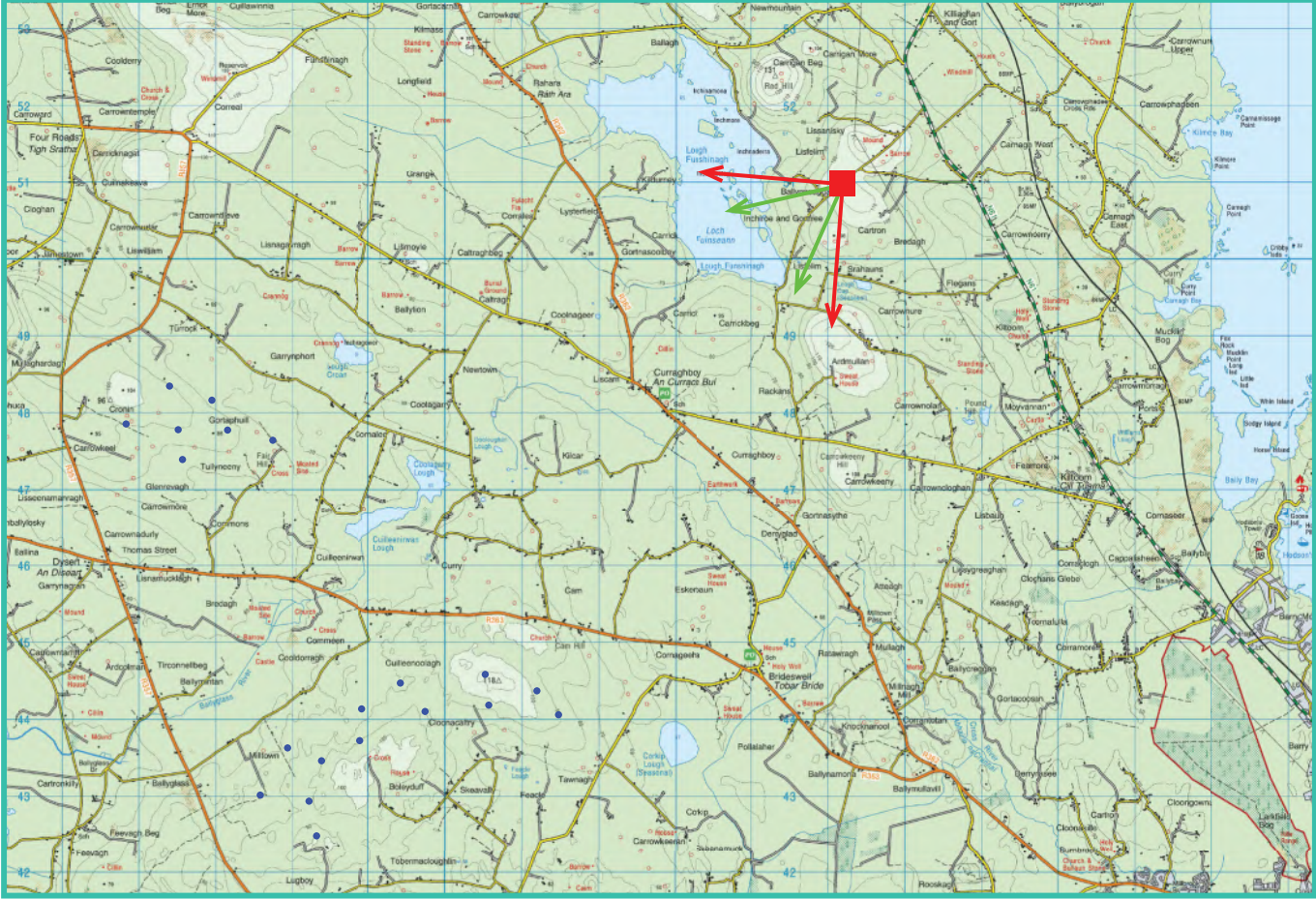
Photomontage 07

View Point: View from the L2017 Local Road in the townland of Lisfelim. The viewpoint is located on County Roscommon Scenic Route No. 8, approximately 7.6 km north-east of the nearest proposed turbine (T19).

View point grid reference	E 595,072 N 750,935
Date of image taken	29.09.2021
Time of image taken	12:51pm
View point elevation	109m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	230°
Horizontal extent of proposed turbines	46°
Distance to nearest proposed turbine	7.6km (T19)
Number of proposed turbines visible	20/20
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Camera	Canon 5D Mark III / Full Frame Sensor
Lens	50mm Lens
Tripod	Manfrotto 190X extended to approx 1.65m.
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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

Wireframe Legend

Proposed Seven Hills Wind Farm

Existing Skrine Wind Farm

Proposed Kilcash Wind Turbine

Permitted Derrane Wind Farm

Proposed Met Mast 100m

Prepared by

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Website: www.mkofireland.ie



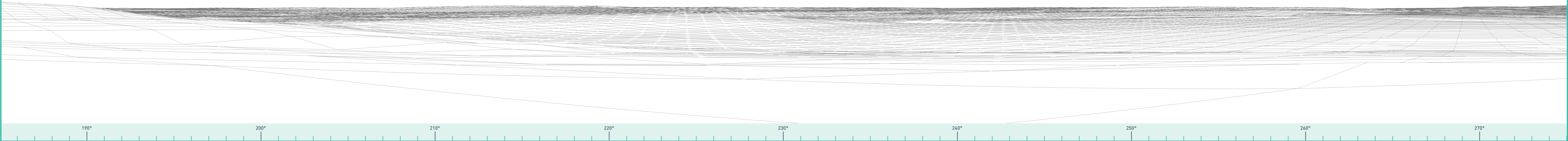
Key Image at 120°

90° View Extent

53.5° View Extent

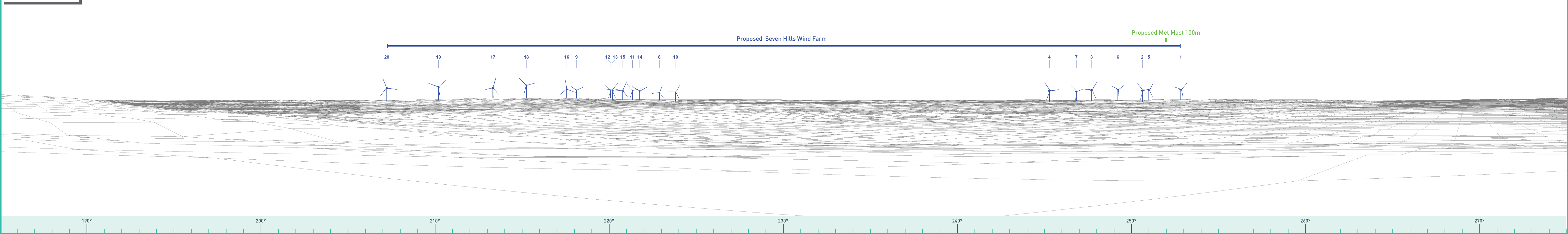


Matching Wireframe





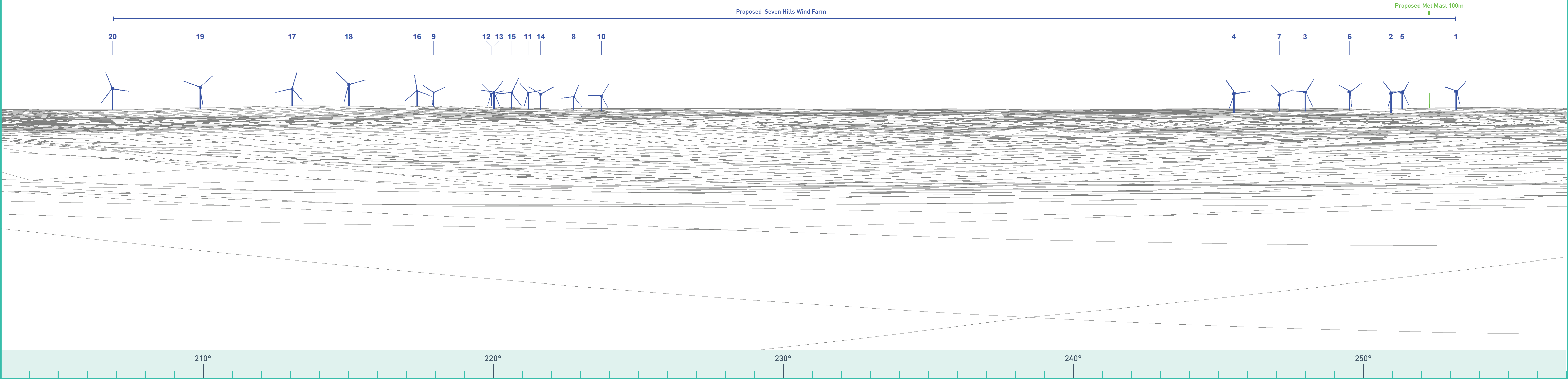
Matching Wireframe



Proposed Photomontage with Cumulative at 53.5°



Matching Wireframe



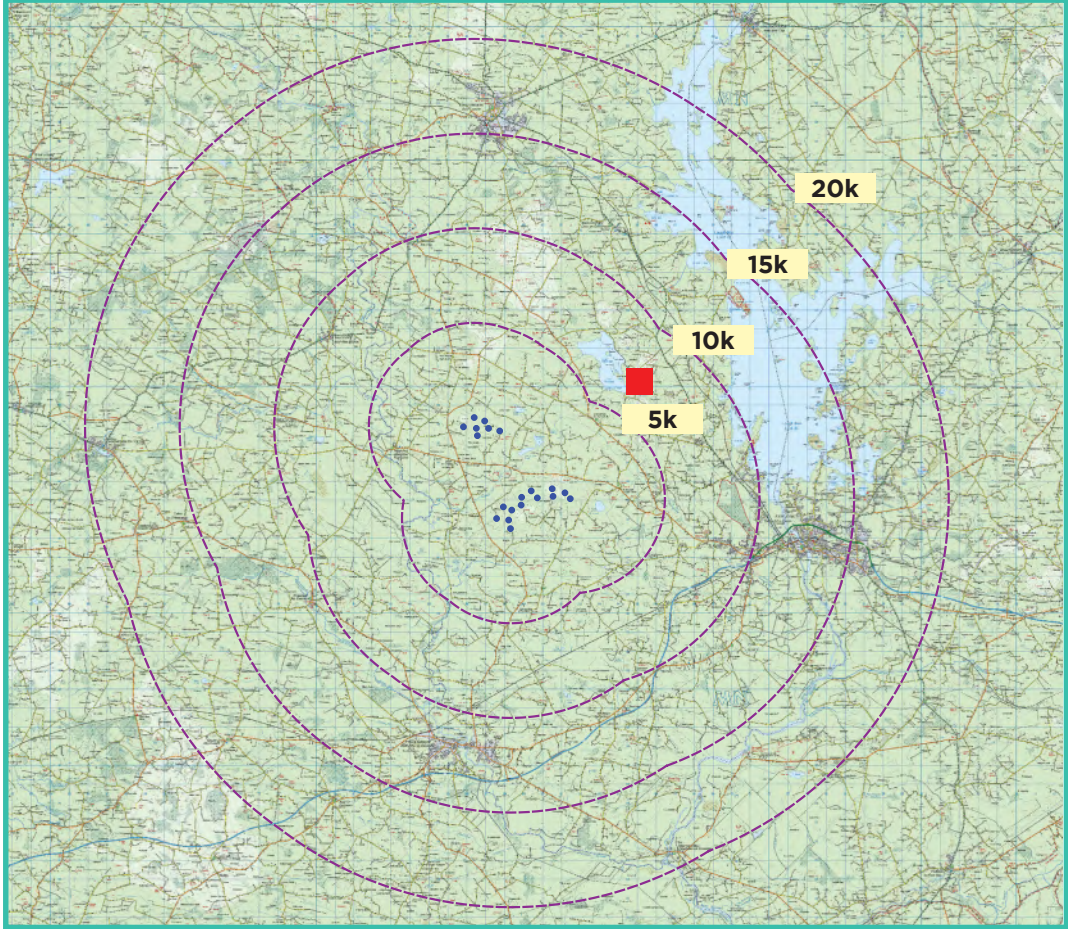
View Point 08

Lough Funshinagh

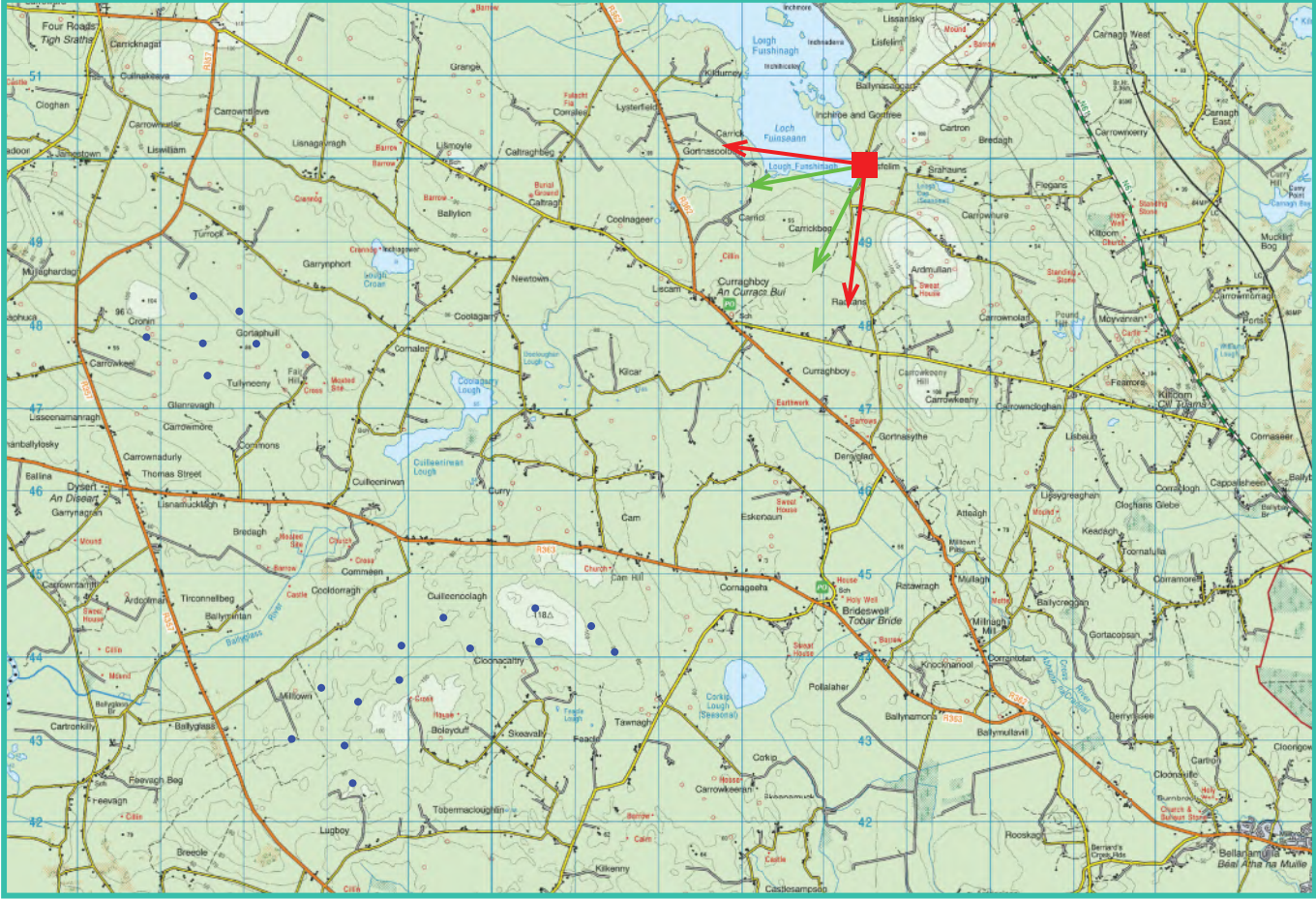
Photomontage 08

View Point: View from Lough Funshinagh and in the townland of Lisfelim. The viewpoint is located in close proximity to County Roscommon Scenic View No. 22, approximately 6.4 km north-east of the nearest proposed turbine (T19).

View point grid reference	E 594,443 N 749,939
Date of image taken	09.26.2020
Time of image taken	1:05pm
View point elevation	69m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	233°
Horizontal extent of proposed turbines	52°
Distance to nearest proposed turbine	6.4km (T19)
Number of proposed turbines visible	7/20
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Camera	Canon 5D Mark III / Full Frame Sensor
Lens	50mm Lens
Tripod	Manfrotto 190X extended to approx 1.65m.
Map Licence	© Ordnance Survey Ireland/Government of Ireland. CYAL50186891



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

Wireframe Legend

Proposed Seven Hills Wind Farm

Existing Skrine Wind Farm

Proposed Kilcash Wind Turbine

Permitted Derrane Wind Farm

Proposed Met Mast 100m

Prepared by

MKO
Planning & Environmental
Consultants
Tuam Road, Galway.

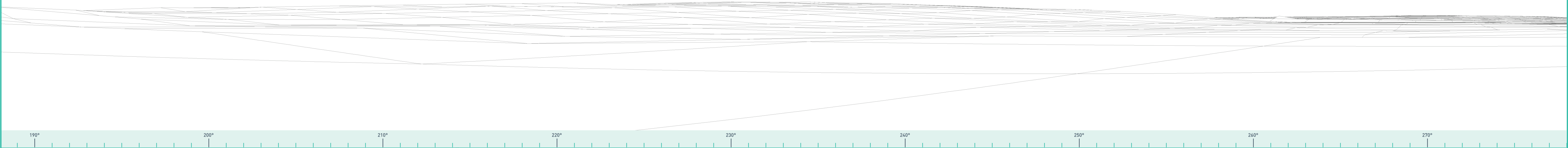
Tel: (091) 73 56 11
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Website: www.mkofireland.ie



53.5° View Extent



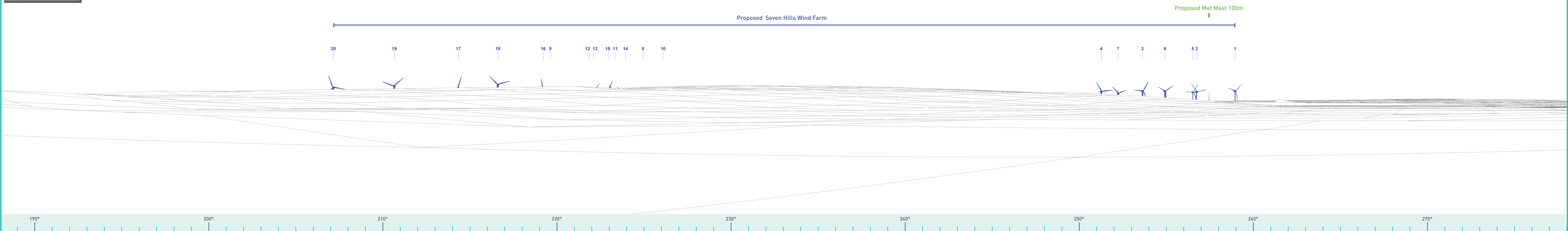
Matching Wireframe



Proposed Photomontage with Cumulative at 90°

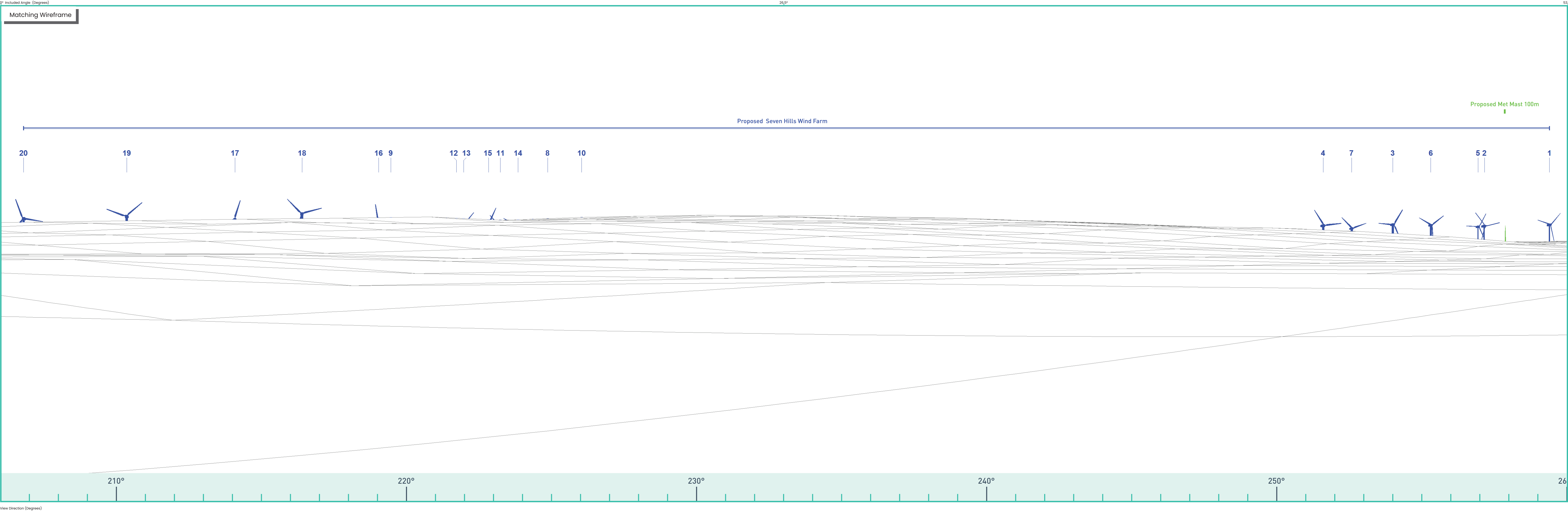


Matching Wireframe



Proposed Photomontage with Cumulative at 53.5°

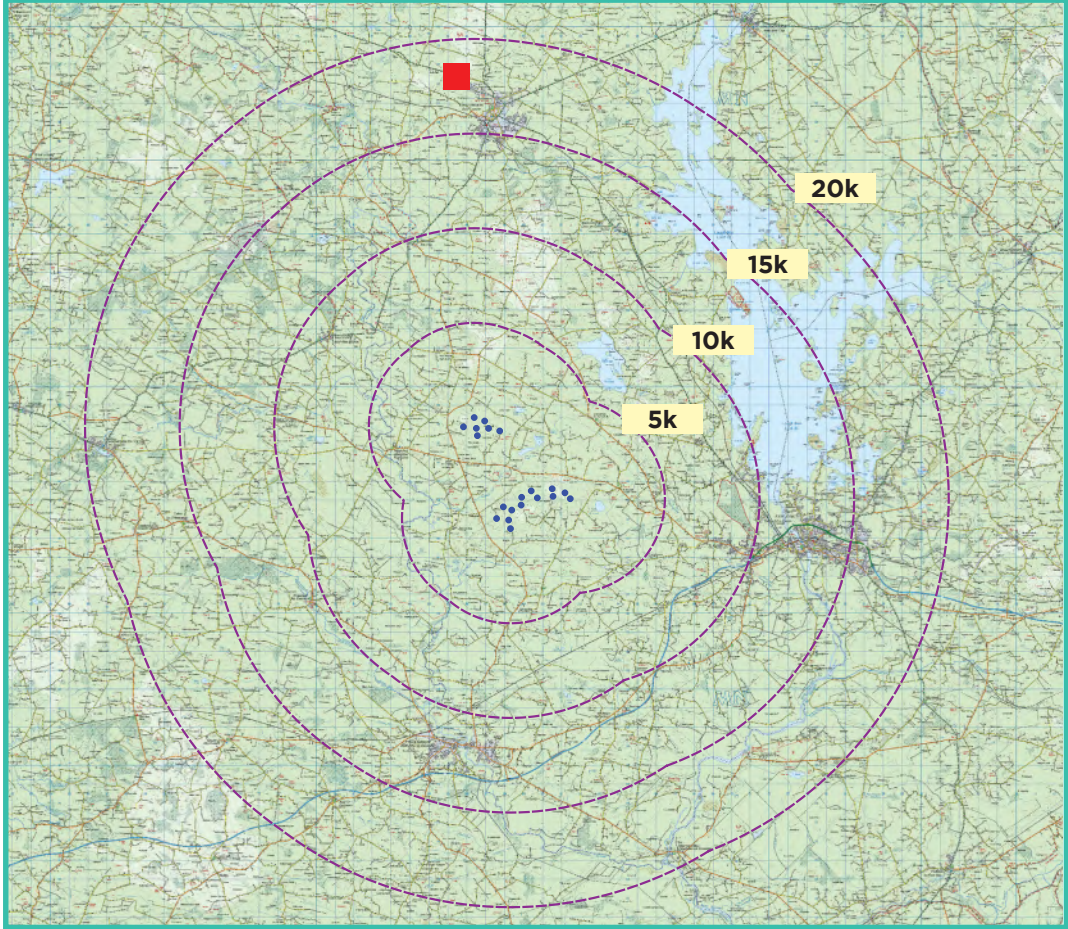




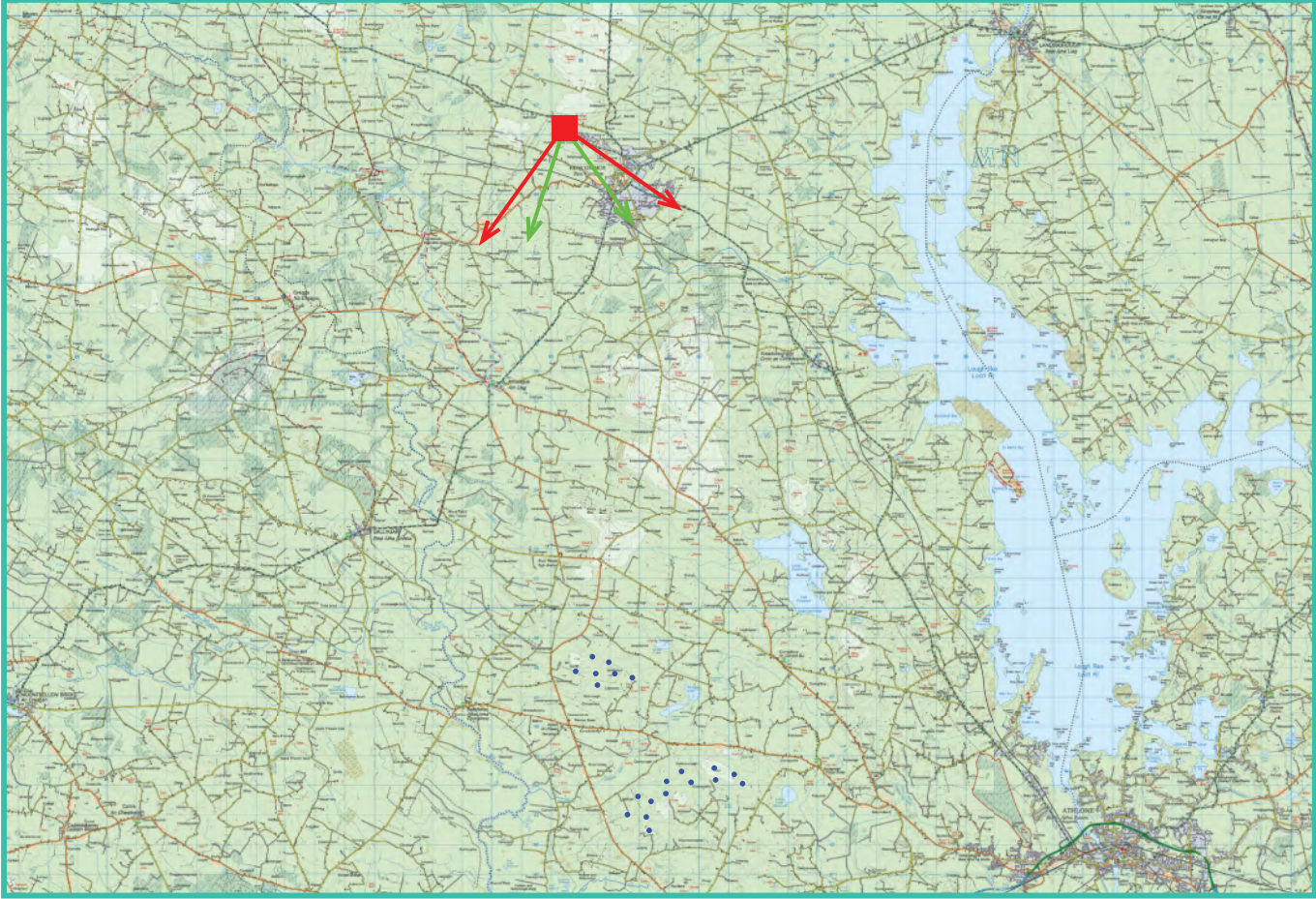
Photomontage 09

View Point: View from the Racecourse on the N60 national Road in Roscommon Town. The viewpoint is located approximately 17.9 km north of the nearest proposed turbine (T1).

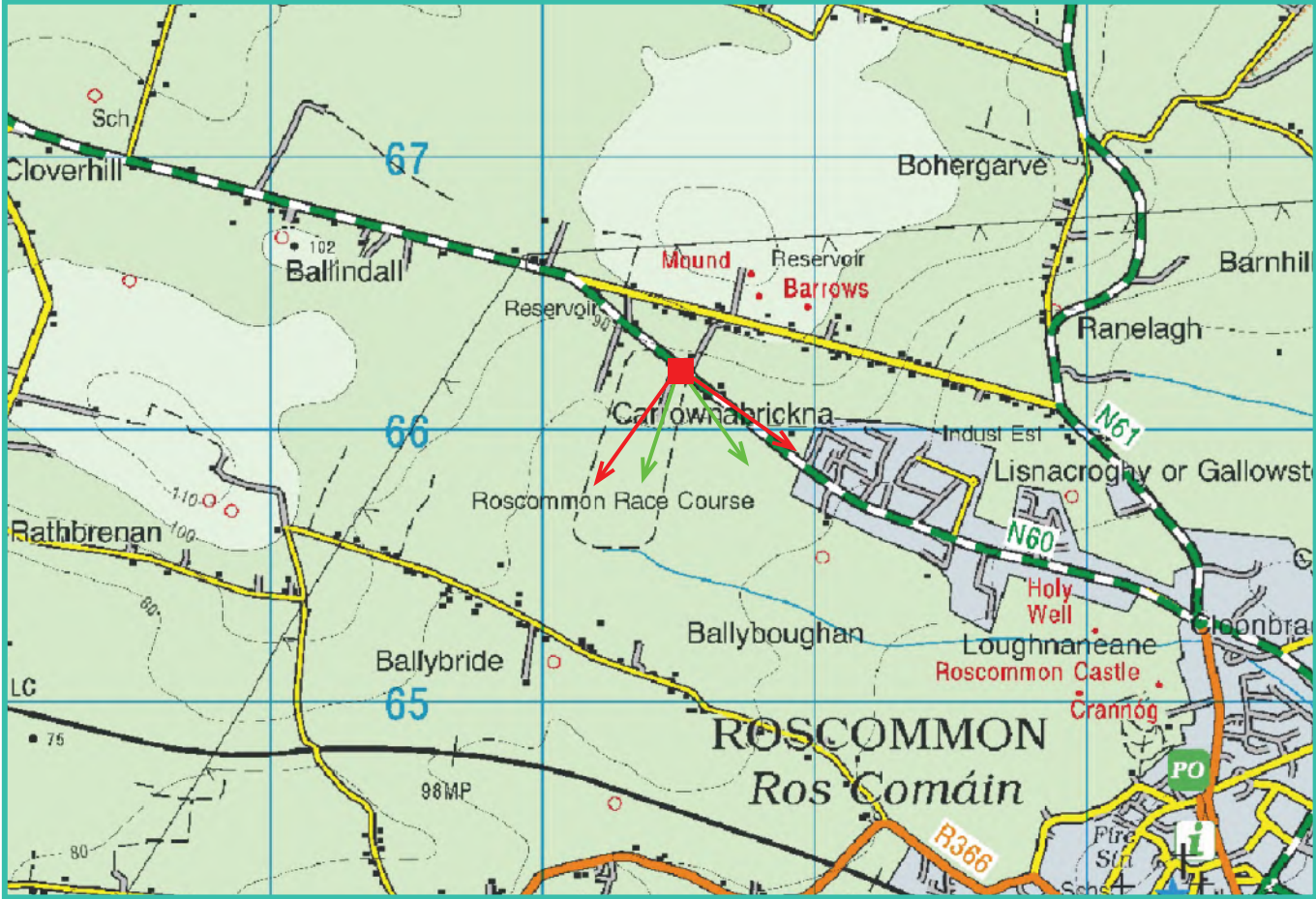
View point grid reference	E 585,462 N 766,249
Date of image taken	26.09.2020
Time of image taken	5:15pm
View point elevation	180m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	171°
Horizontal extent of proposed turbines	14°
Distance to nearest proposed turbine	17.9km (T1)
Number of proposed turbines visible	18/20
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Camera	Canon 5D Mark III / Full Frame Sensor
Lens	50mm Lens
Tripod	Manfrotto 190X extended to approx 1.65m.
Map Licence	© Ordnance Survey Ireland/Government of Ireland. CYAL50186891



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

Wireframe Legend

- Proposed Seven Hills Wind Farm
- Existing Skrine Wind Farm
- Proposed Kilcass Wind Turbine
- Permitted Derrane Wind Farm
- Proposed Met Mast 100m

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Key Image at 120°

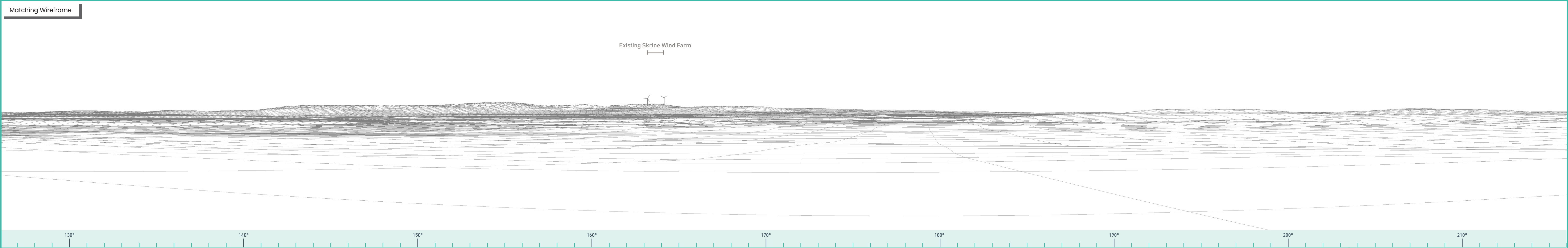
90° View Extent

53.5° View Extent

Baseline at 90°



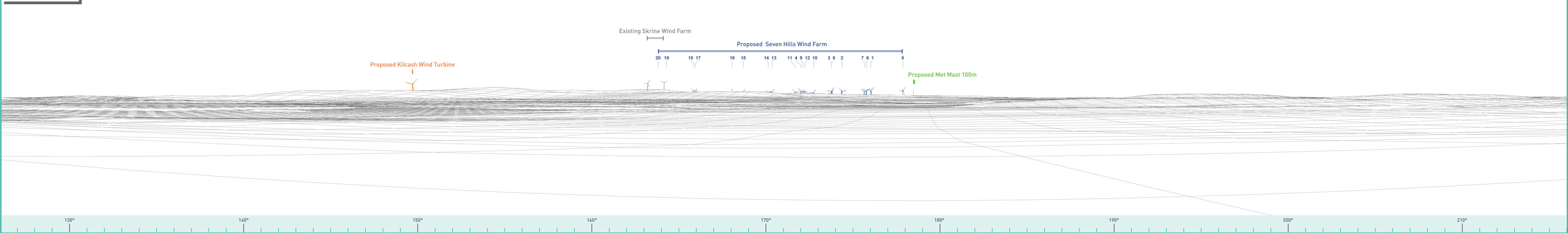
Matching Wireframe



Proposed Photomontage with Cumulative at 90°



Matching Wireframe



Proposed Photomontage with Cumulative at 53.5°



150°

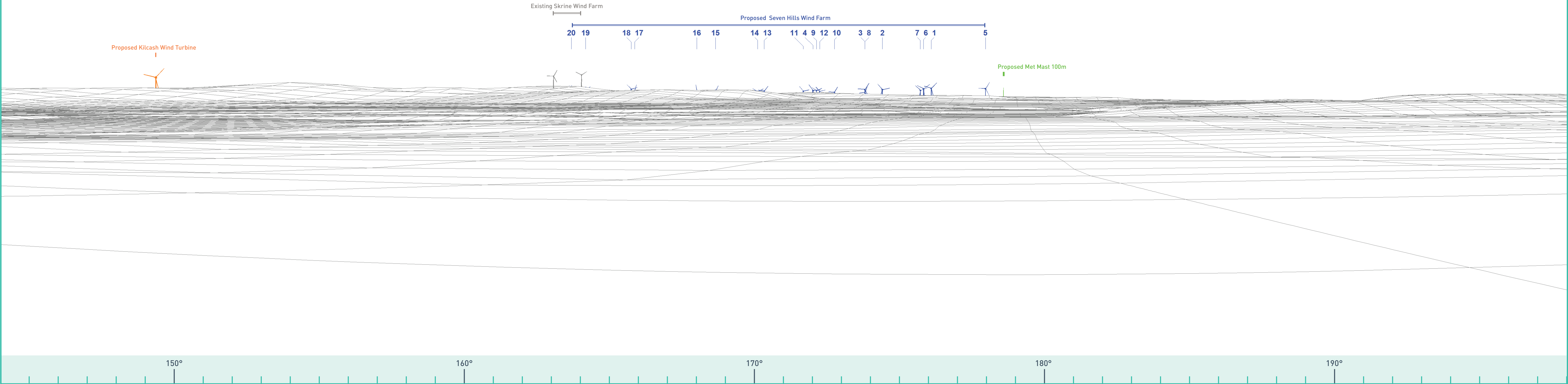
160°

170°

180°

190°

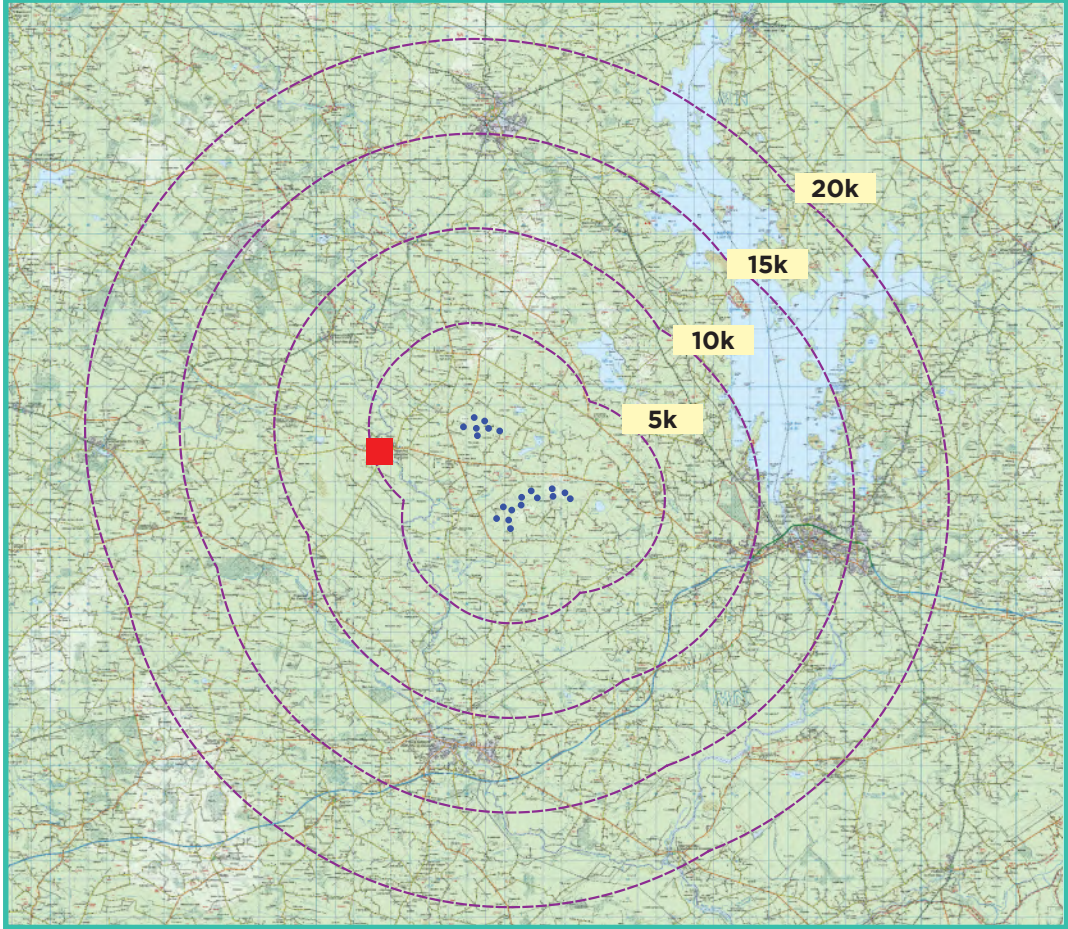
Matching Wireframe



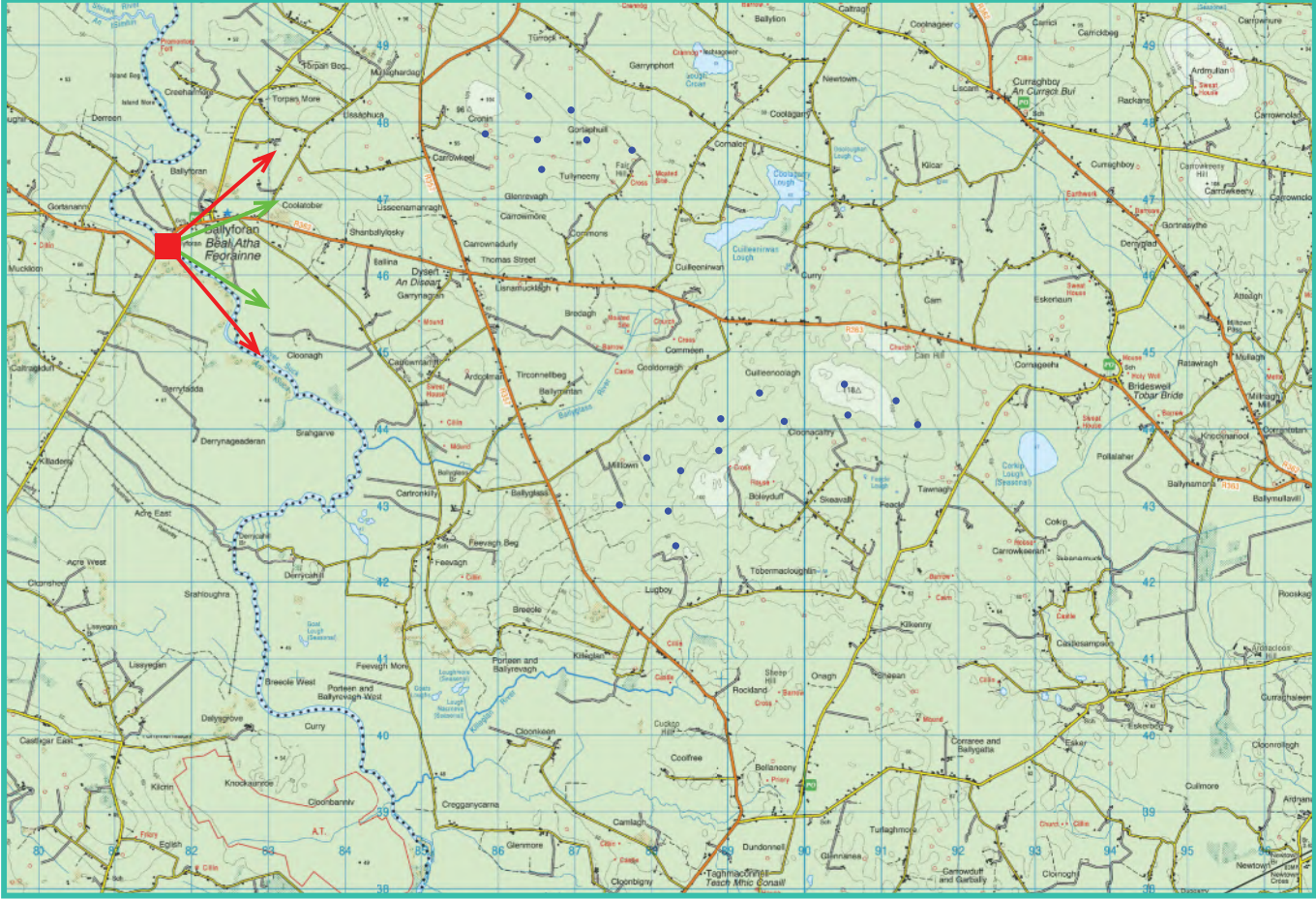
Photomontage 10

View Point: View from Ballyforan Marina on the bank of the River Suck in the townland of Ballyforan. The viewpoint is located approximately 4.4 km south-west of the nearest proposed turbine (T5).

View point grid reference	E 581,643 N 746,355
Date of image taken	21.04.2021
Time of image taken	11:57am
View point elevation	180m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	90°
Horizontal extent of proposed turbines	54°
Distance to nearest proposed turbine	4.4km (T5)
Number of proposed turbines visible	9/20
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Camera	Canon 5D Mark III / Full Frame Sensor
Lens	50mm Lens
Tripod	Manfrotto 190X extended to approx 1.65m.
Map Licence	© Ordnance Survey Ireland/Government of Ireland. CYAL50186891



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

Wireframe Legend

Proposed Seven Hills Wind Farm

Existing Skrine Wind Farm

Proposed Kilcash Wind Turbine

Permitted Derrane Wind Farm

Proposed Met Mast 100m

Prepared by

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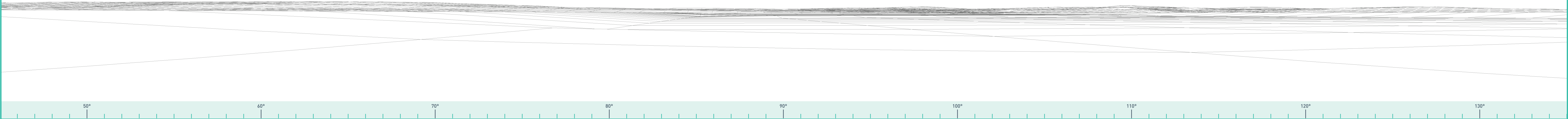


Key Image at 120°

53.5° View Extent

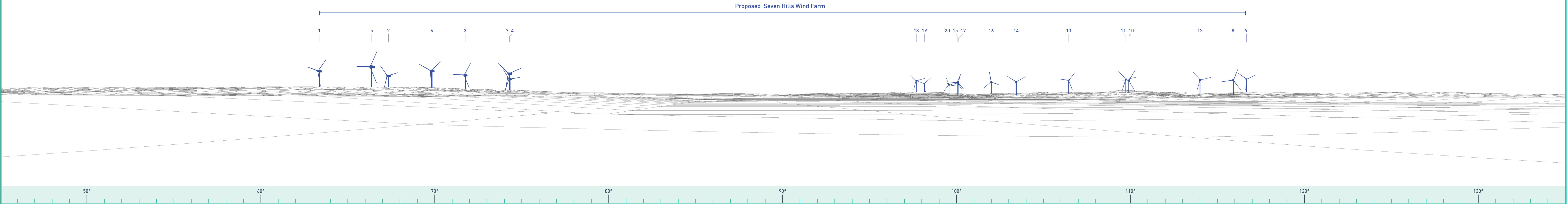


Matching Wireframe





Matching Wireframe



Proposed Photomontage with Cumulative at 53.5°



70°

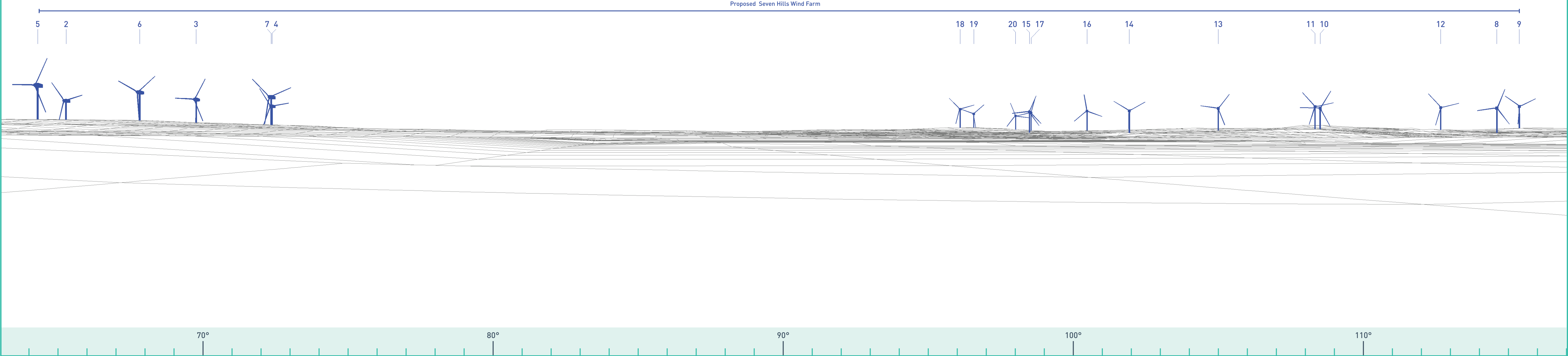
80°

90°

100°

110°

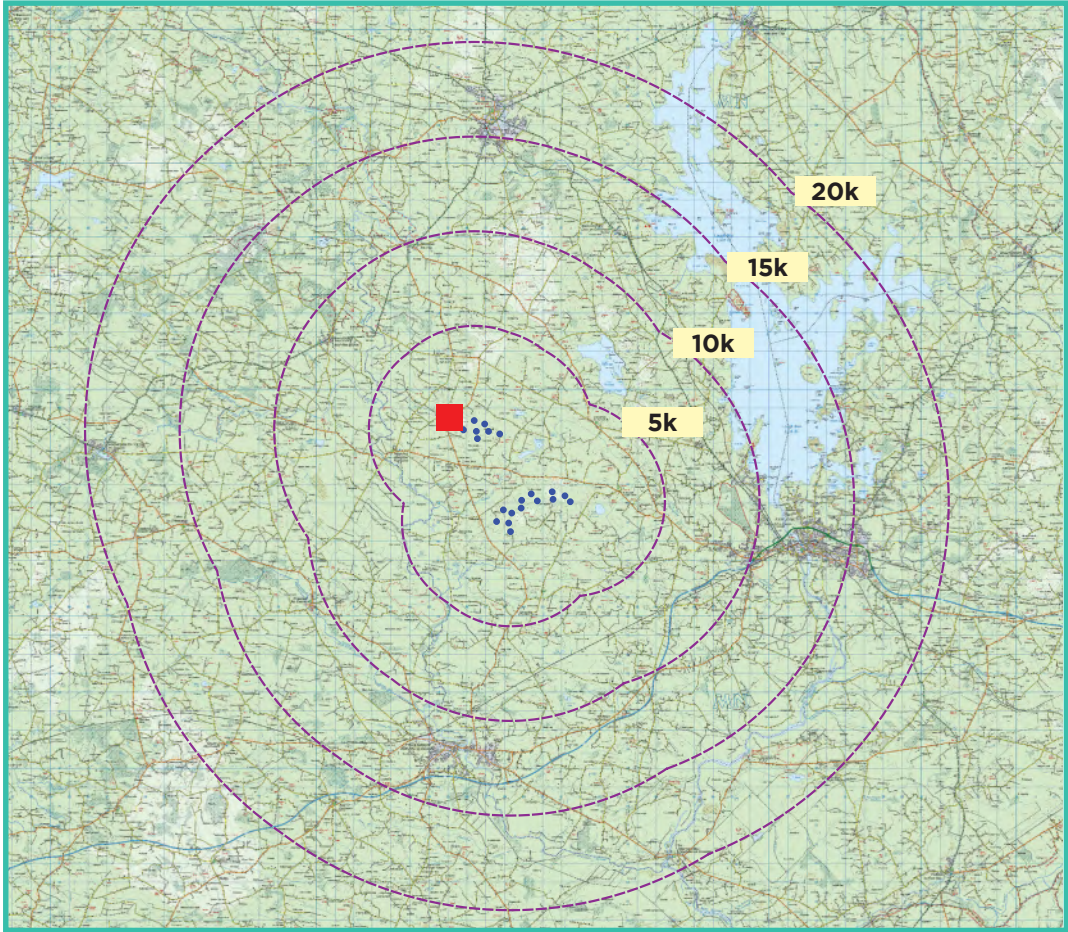
Matching Wireframe



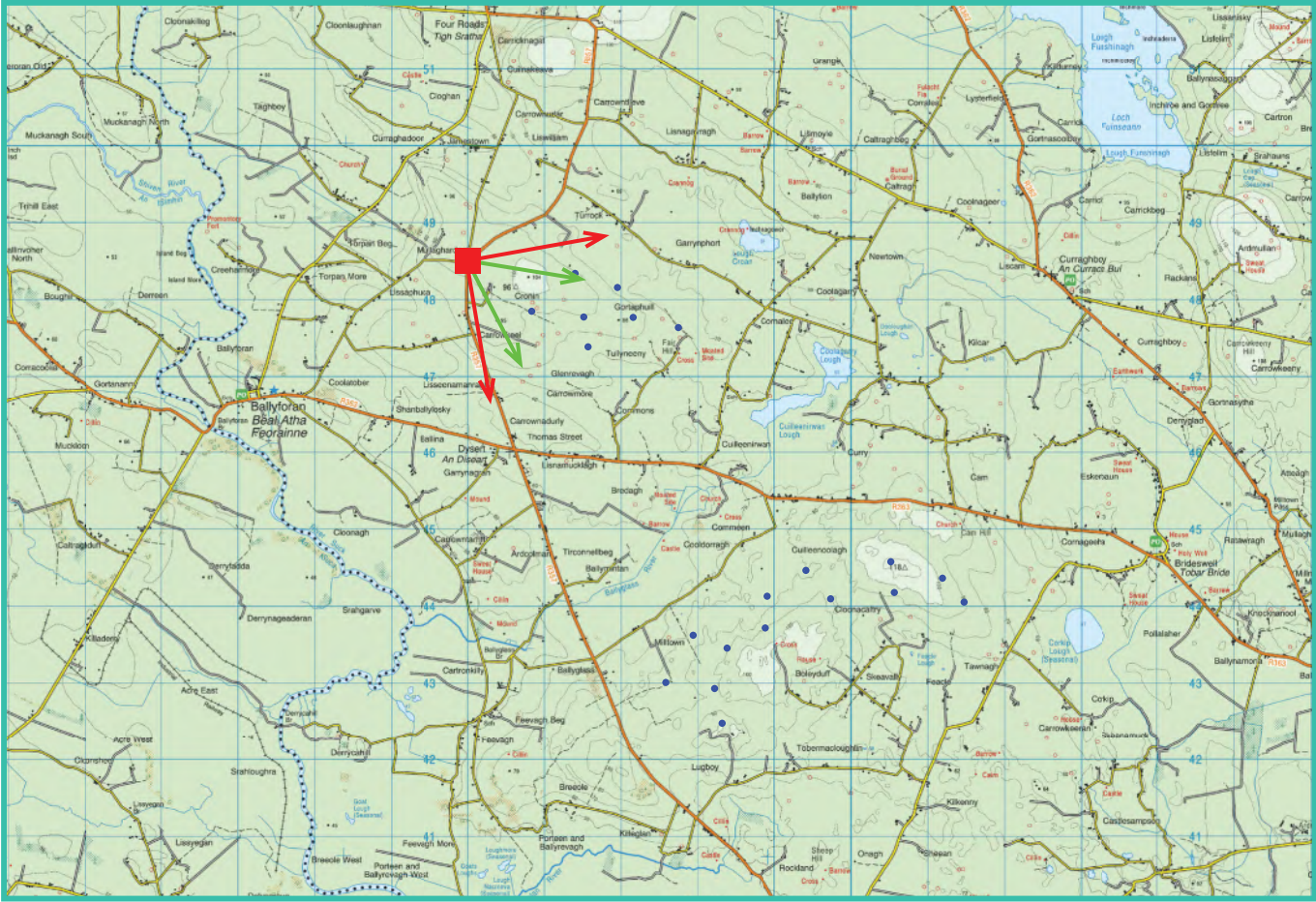
Photomontage 11

View Point: View from the R357 Regional Road in the townland of Mullaghardagh. The viewpoint is located approximately 1 km north-west of the nearest proposed turbine (T5).

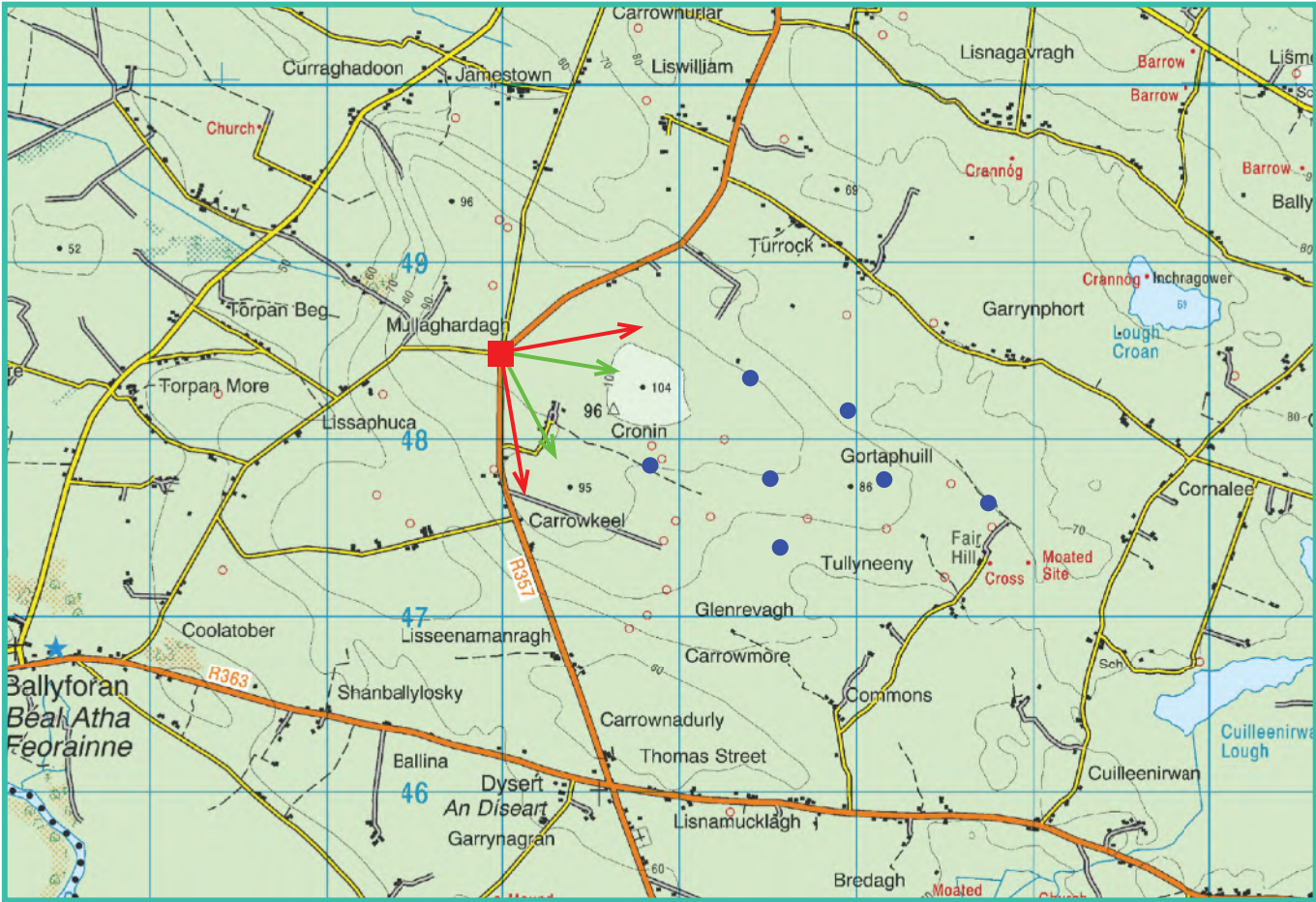
View point grid reference	E 584,946 N 748,514
Date of image taken	21.04.2021
Time of image taken	1:16pm
View point elevation	180m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	125°
Horizontal extent of proposed turbines	58°
Distance to nearest proposed turbine	1km (T5)
Number of proposed turbines visible	15/20
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Camera	Canon 5D Mark III / Full Frame Sensor
Lens	50mm Lens
Tripod	Manfrotto 190X extended to approx 1.65m.
Map Licence	© Ordnance Survey Ireland/Government of Ireland. CYAL50186891



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

Wireframe Legend

Proposed Seven Hills Wind Farm

Existing Skrine Wind Farm

Proposed Kilcash Wind Turbine

Permitted Derrane Wind Farm

Proposed Met Mast 100m

Prepared by

MKO
Planning & Environmental
Consultants
Tuam Road, Galway.

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

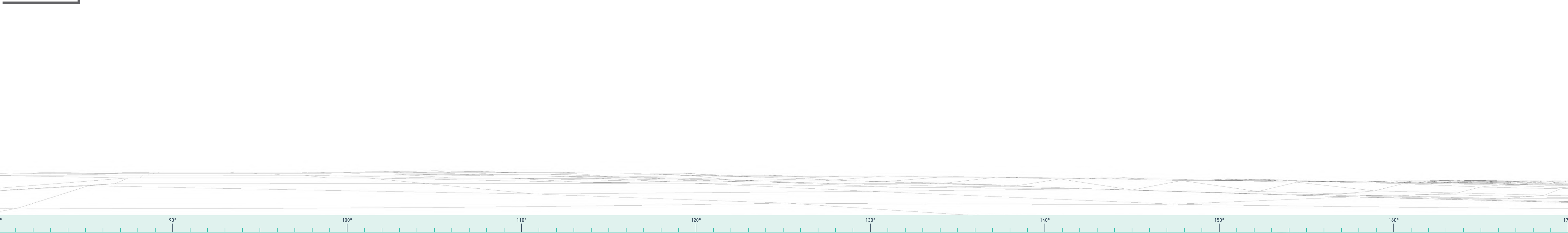


53.5° View Extent

Baseline at 90°



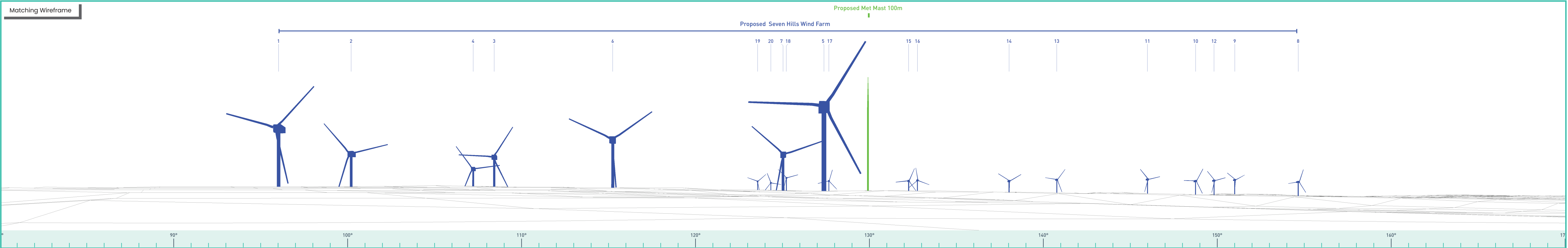
Matching Wireframe



Proposed Photomontage with Cumulative at 90°



Matching Wireframe



Proposed Photomontage with Cumulative at 53.5°



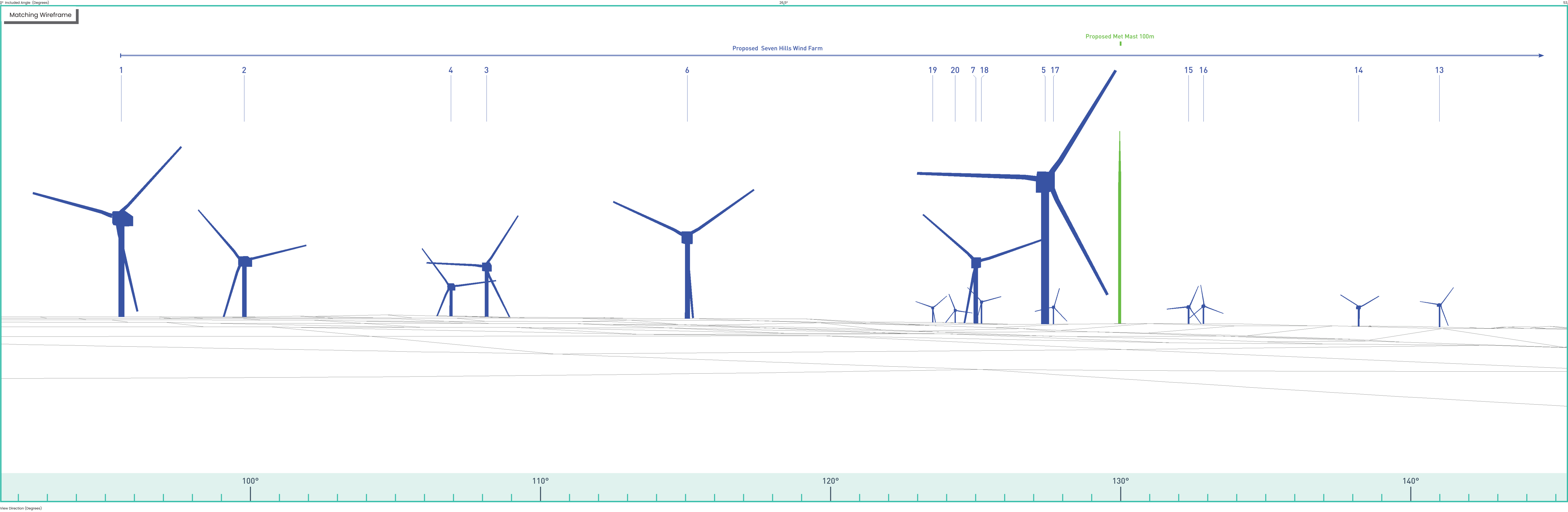
100°

110°

120°

130°

140°



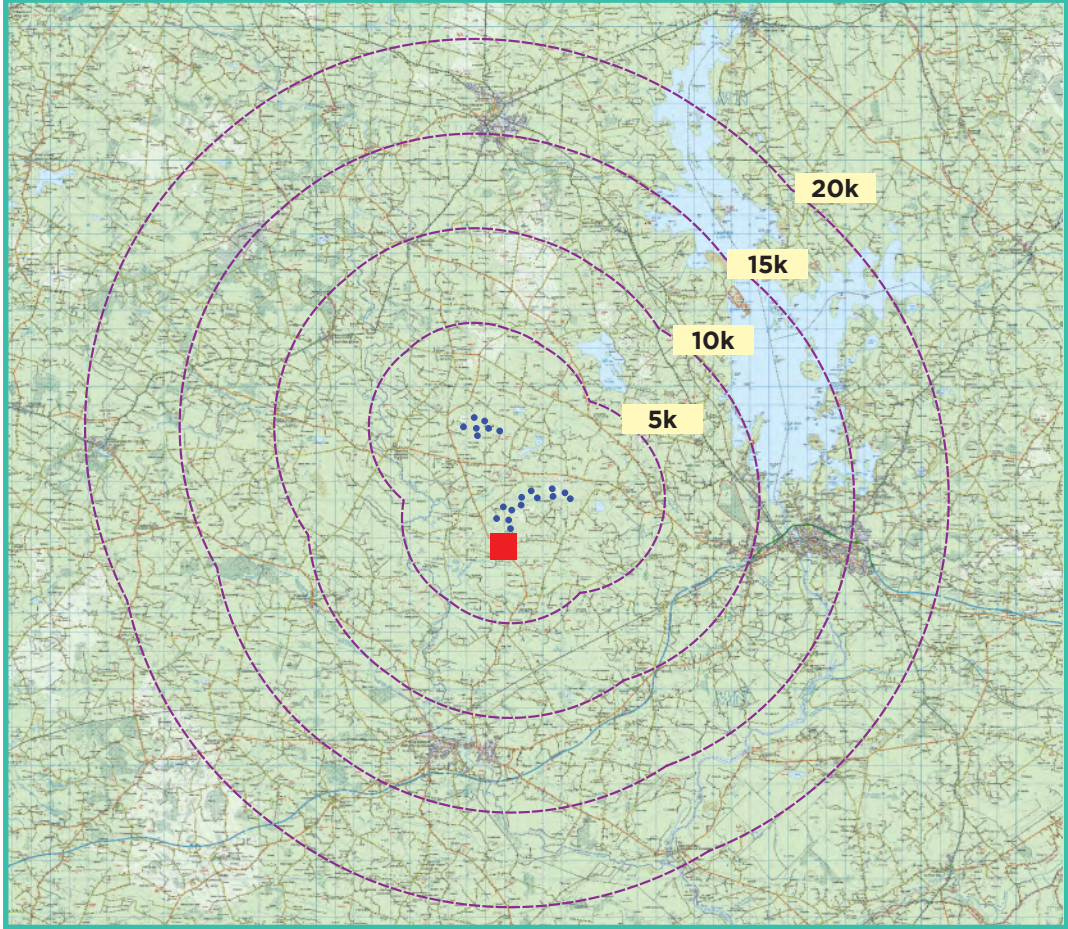
View Point 12

Lugboy

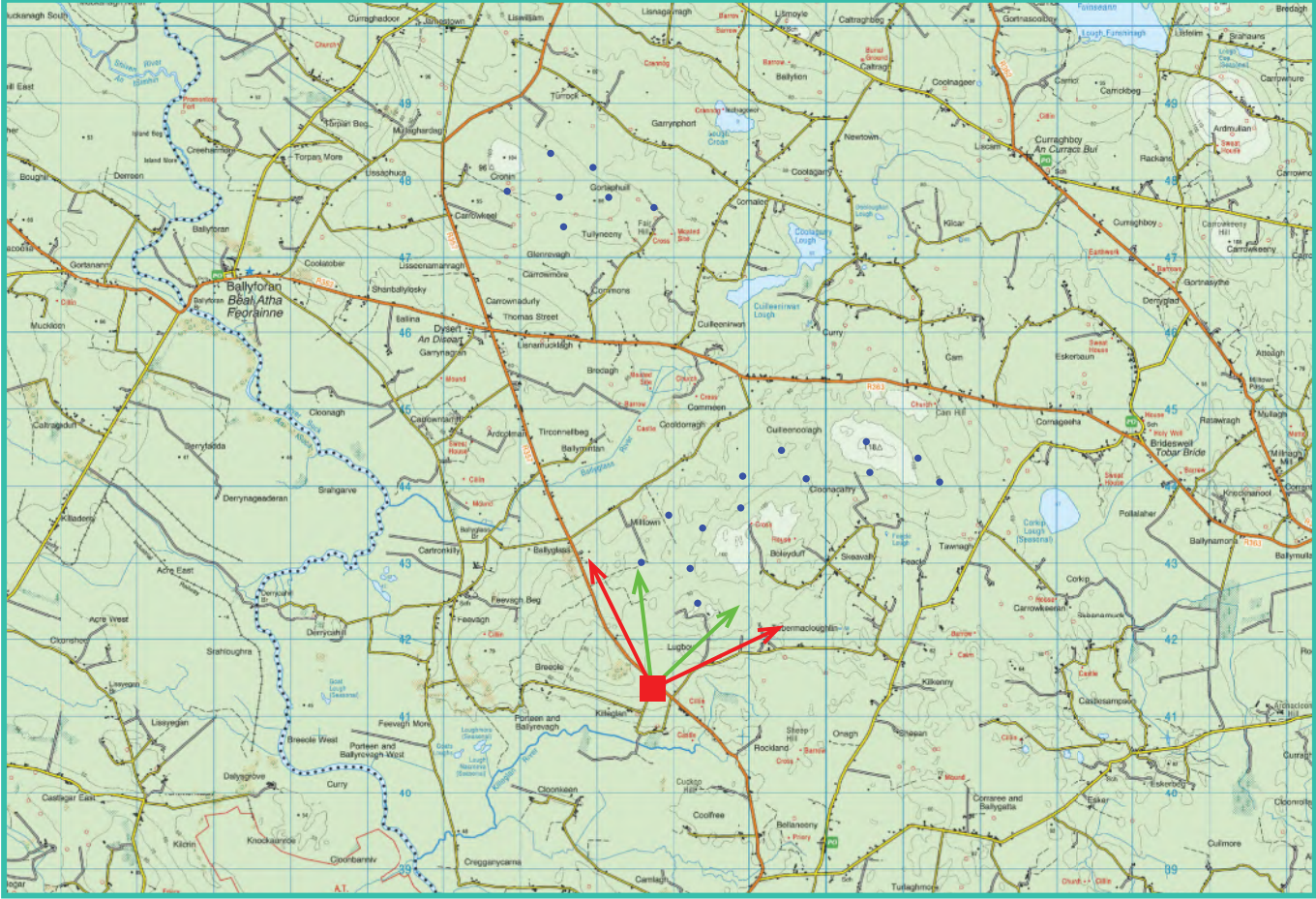
Photomontage 12

View Point: View from the R357 Regional Road in the townland of Lugboy. The viewpoint is located approximately 1.1 km south-west of the nearest proposed turbine (T9).

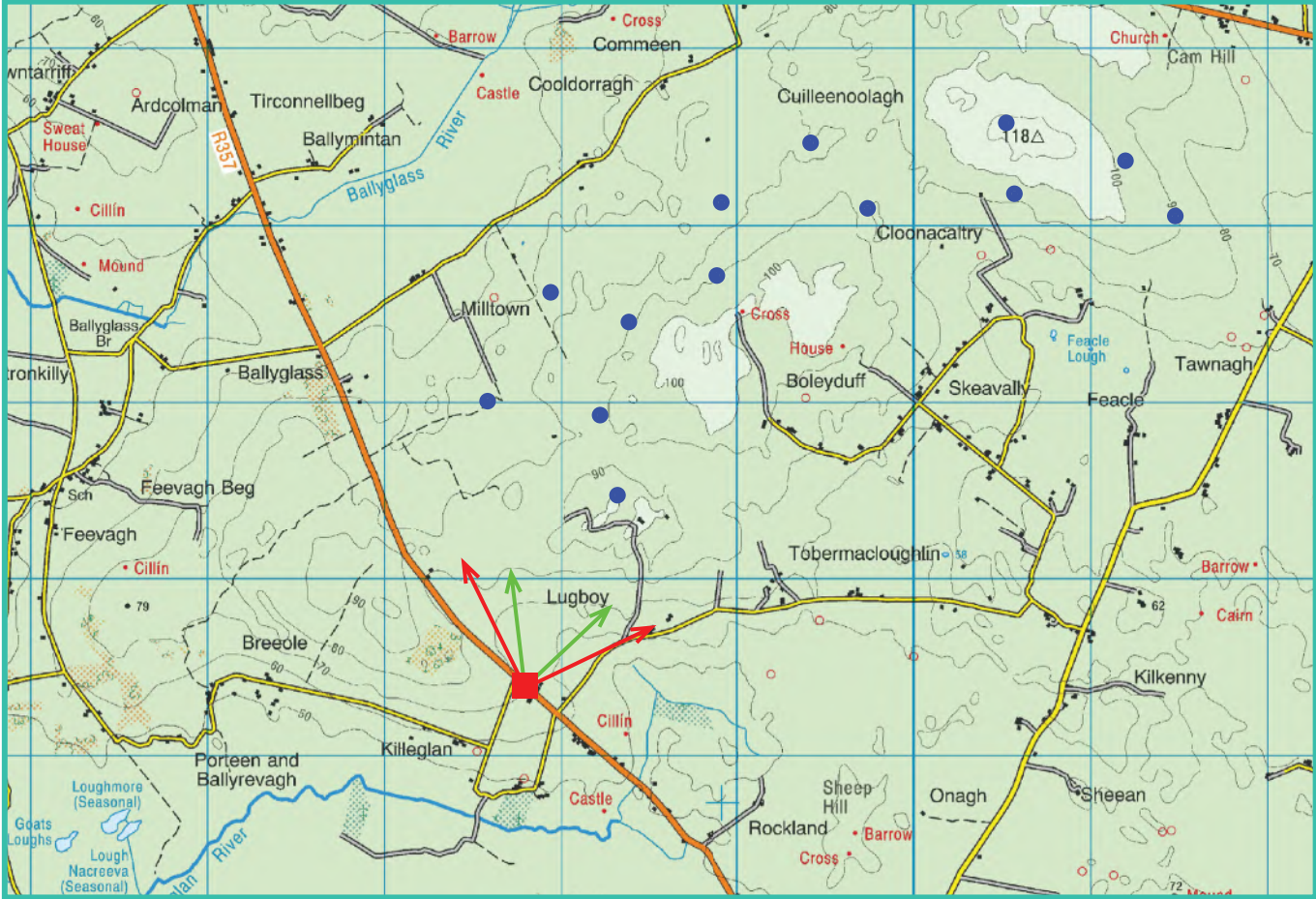
View point grid reference	E 587,724 N 741,441
Date of image taken	26.05.2021
Time of image taken	11:41am
View point elevation	180m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	19°
Horizontal extent of proposed turbines	288°
Distance to nearest proposed turbine	1.2km (T9)
Number of proposed turbines visible	18/20
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Camera	Canon 5D Mark III / Full Frame Sensor
Lens	50mm Lens
Tripod	Manfrotto 190X extended to approx 1.65m.
Map Licence	© Ordnance Survey Ireland/Government of Ireland. CYAL50186891



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

Wireframe Legend

Proposed Seven Hills Wind Farm

Existing Skrine Wind Farm

Proposed Kilcash Wind Turbine

Permitted Derrane Wind Farm

Proposed Met Mast 100m

Prepared by

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Key Image at 120°

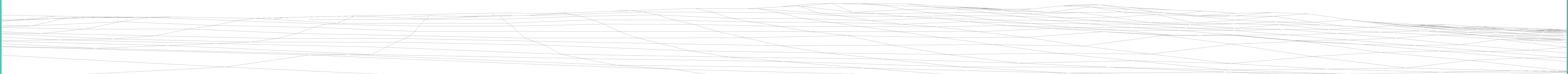
90° View Extent

53.5° View Extent

Baseline at 90°



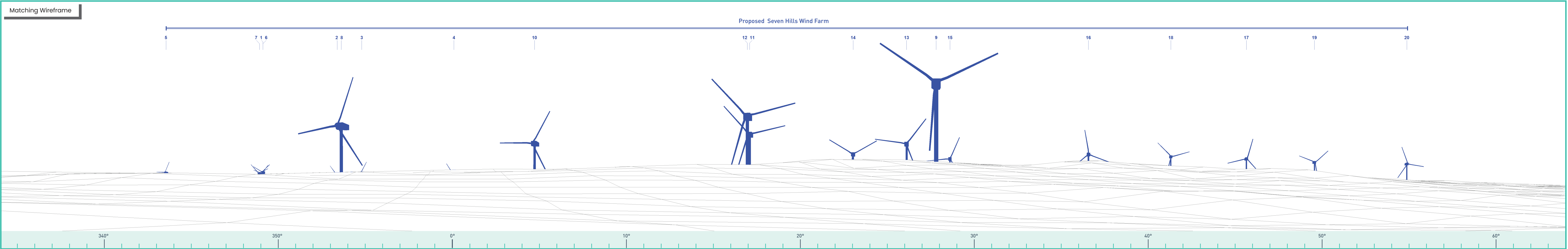
Matching Wireframe



Proposed Photomontage with Cumulative at 90°



Matching Wireframe



Proposed Photomontage with Cumulative at 53.5°



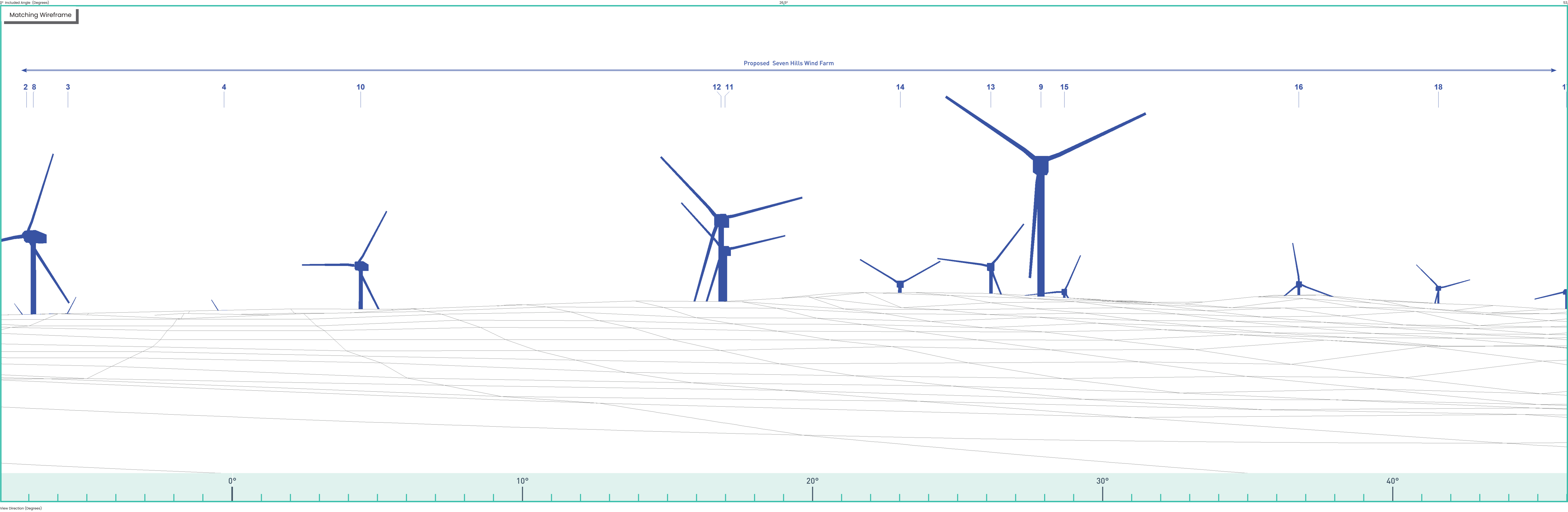
0°

10°

20°

30°

40°



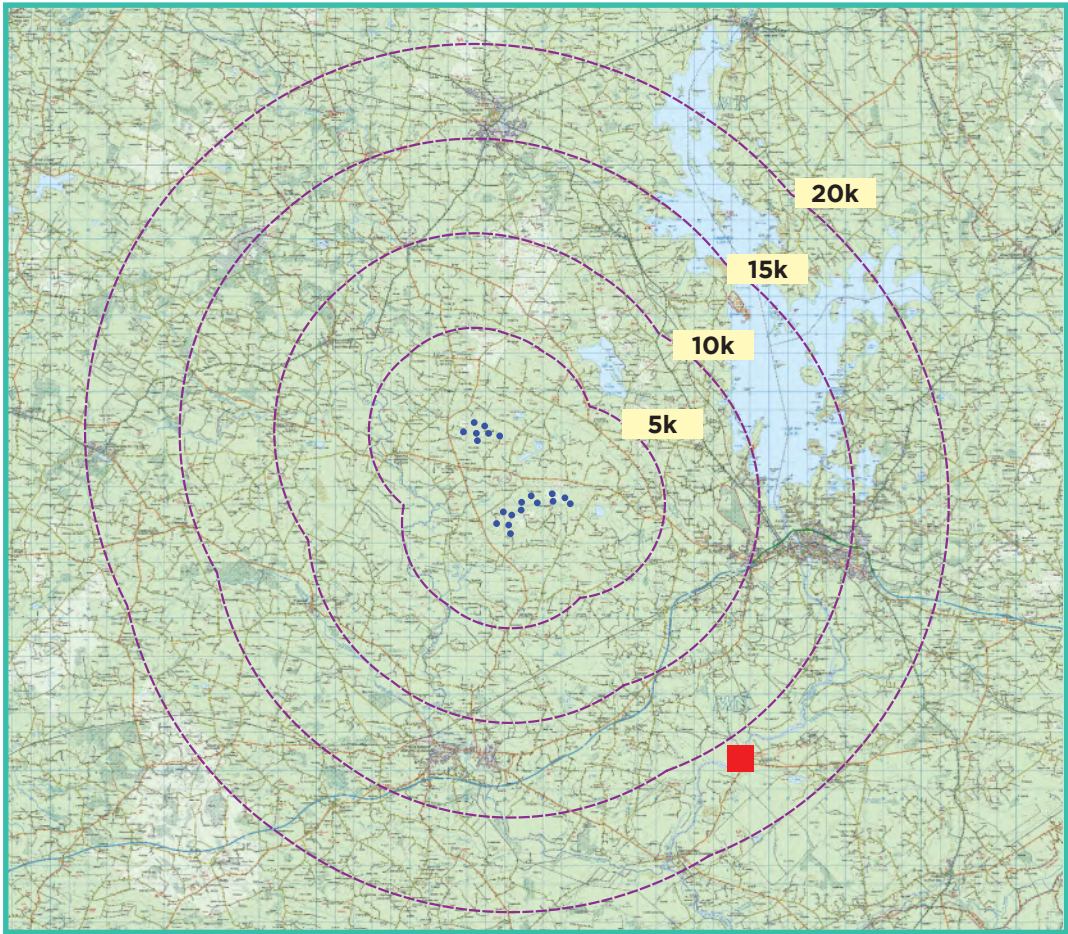
View Point 13

Clonmacnoise

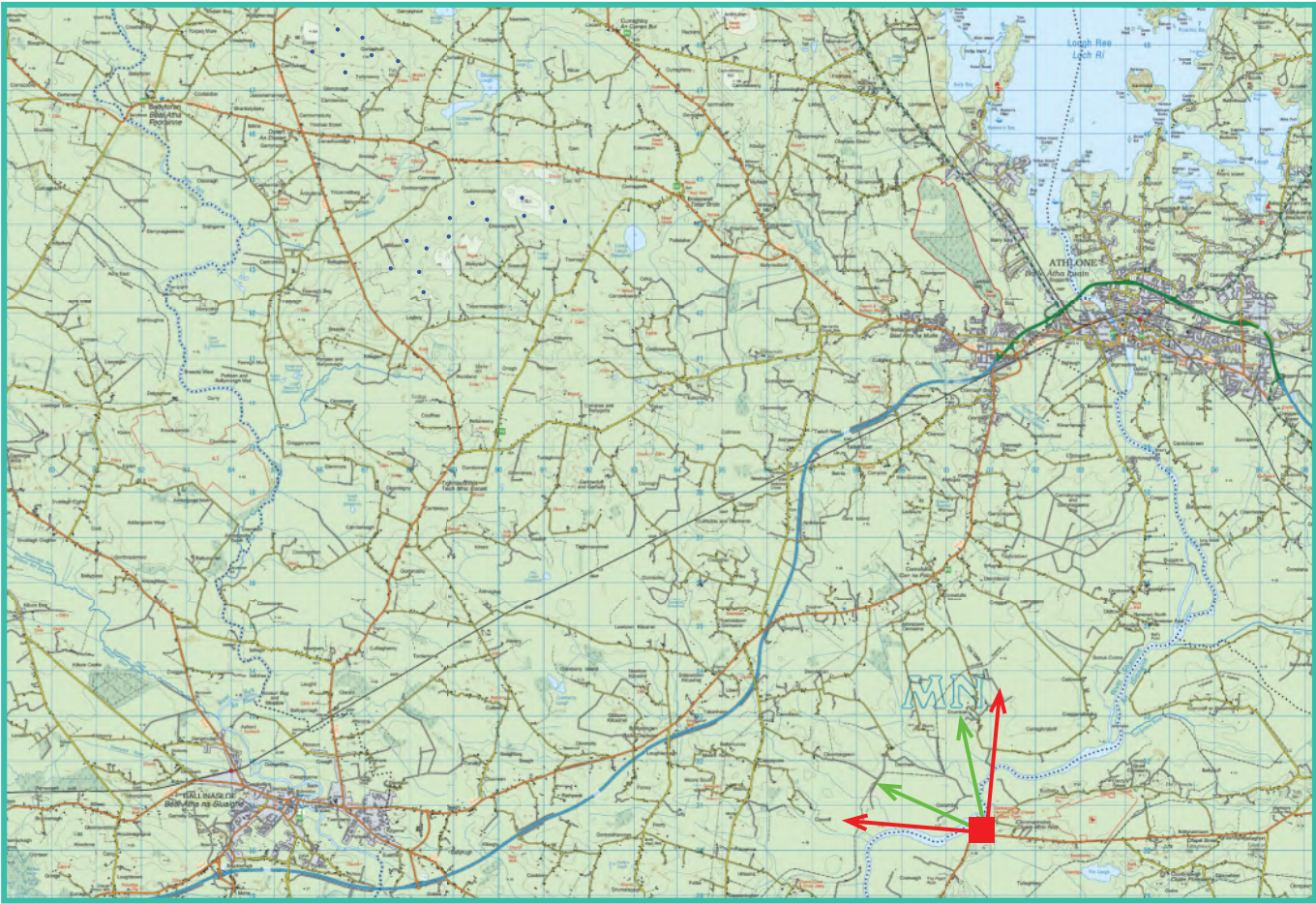
Photomontage 13

View Point: View from Clonmacnoise monastic site and Shannon Callows in Co. Offaly. The viewpoint is located in proximity to Clonmacnoise Castle and Heritage Centre on the southern banks of the Shannon River. The viewpoint is located approximately 17.3 km south of the nearest proposed turbine (T9).

View point grid reference	E 600,831 N 730,577
Date of image taken	26.09.2020
Time of image taken	2:21pm
View point elevation	180m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	320°
Horizontal extent of proposed turbines	12°
Distance to nearest proposed turbine	17.3km (T9)
Number of proposed turbines visible	20/20
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Camera	Canon 5D Mark III / Full Frame Sensor
Lens	50mm Lens
Tripod	Manfrotto 190X extended to approx 1.65m.
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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

Wireframe Legend

Proposed Seven Hills Wind Farm

Existing Skrine Wind Farm

Proposed Kilcash Wind Turbine

Permitted Derrane Wind Farm

Proposed Met Mast 100m

Prepared by

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



Key Image at 120°

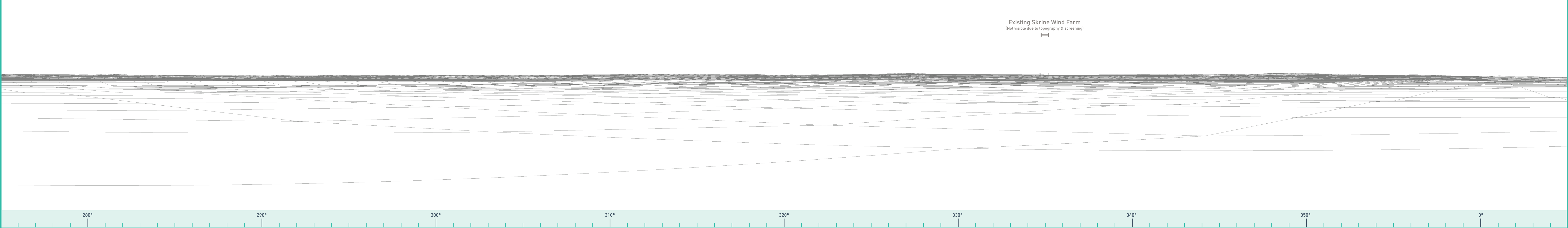


53.5° View Extent

Baseline at 90°



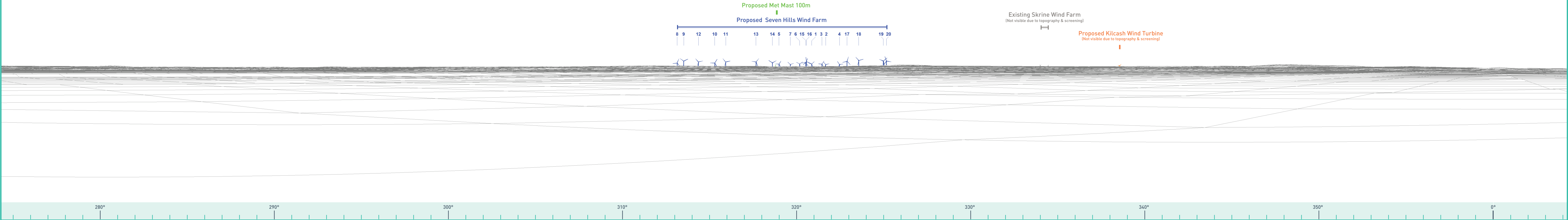
Matching Wireframe



Proposed Photomontage with Cumulative at 90°



Matching Wireframe



Proposed Photomontage with Cumulative at 53.5°



300°

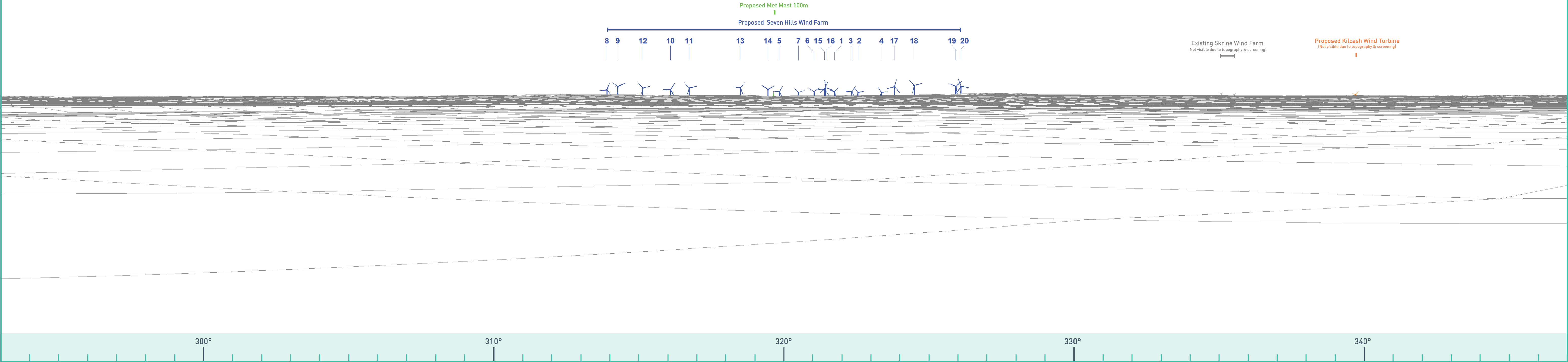
310°

320°

330°

340°

Matching Wireframe



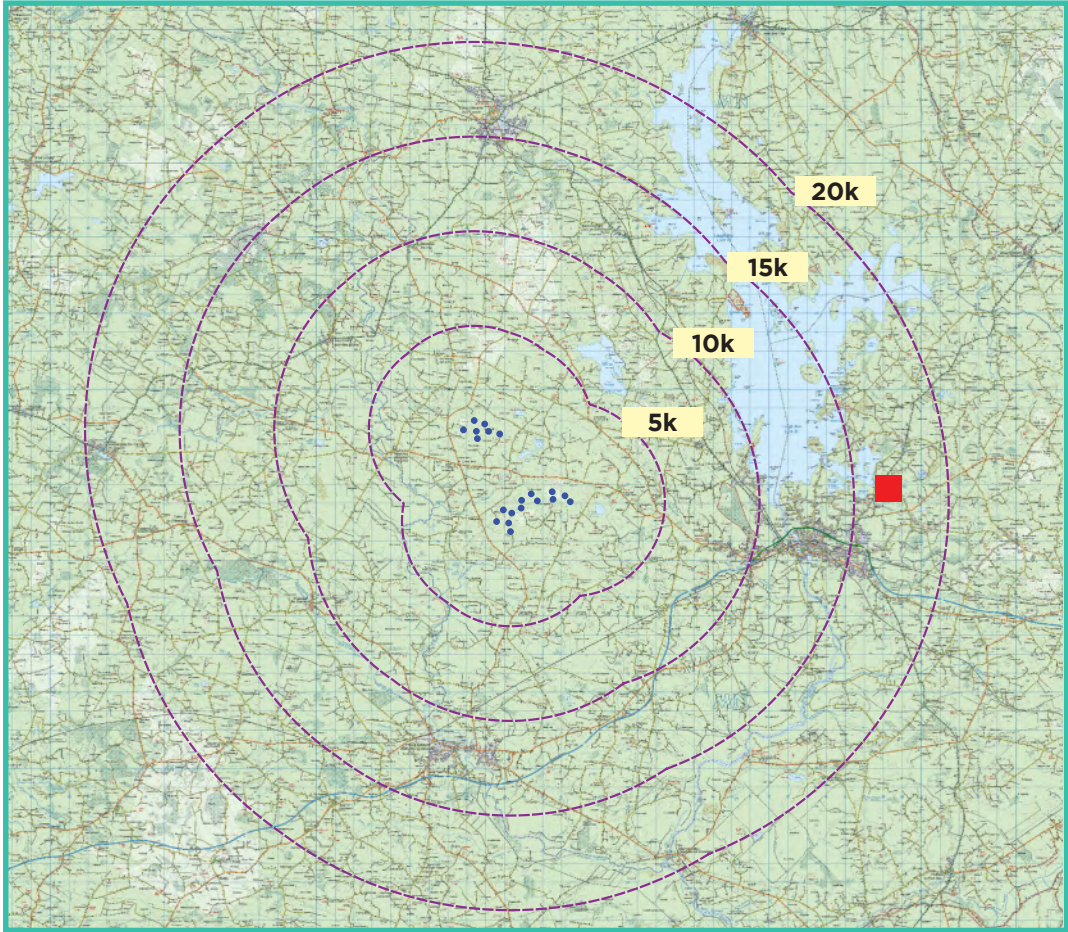
View Point 14

Ballykeeran

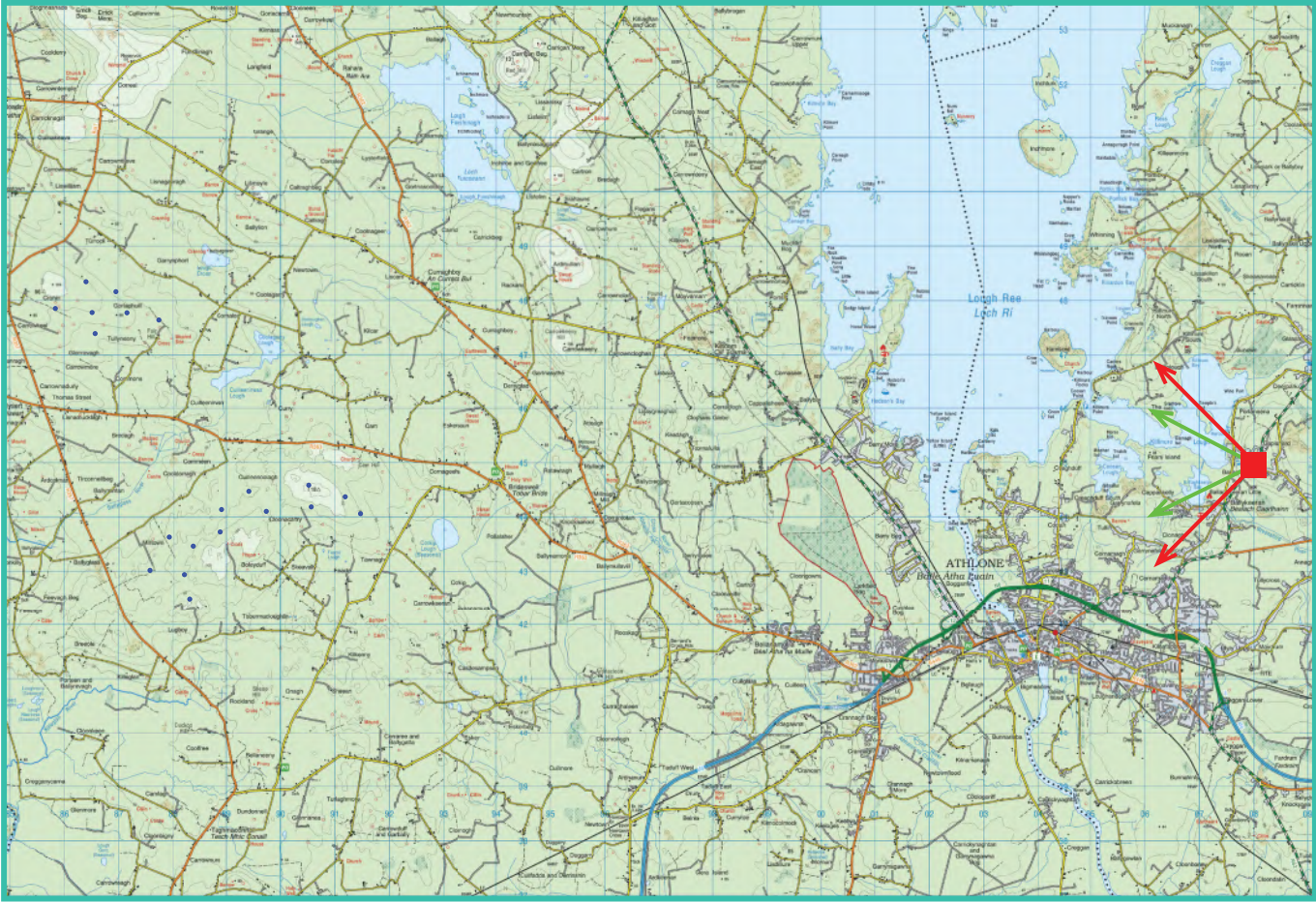
Photomontage 14

View Point: View from a Viewing Area in Ballykeeran, County Westmeath. The viewpoint is located at a viewpoint and picnic area off the N56 National road in the townland of Ballaghkeeran Big. The viewpoint is located approximately 16.5 km east of the nearest proposed turbine (T20).

View point grid reference	E 607,924 N 744,975
Date of image taken	26.09.2020
Time of image taken	11:43am
View point elevation	180m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	270°
Horizontal extent of proposed turbines	16°
Distance to nearest proposed turbine	16.5km (T20)
Number of proposed turbines visible	20/20
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Camera	Canon 5D Mark III / Full Frame Sensor
Lens	50mm Lens
Tripod	Manfrotto 190X extended to approx 1.65m.
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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

Wireframe Legend

Proposed Seven Hills Wind Farm

Existing Skrine Wind Farm

Proposed Kilcash Wind Turbine

Permitted Derrane Wind Farm

Proposed Met Mast 100m

Prepared by

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



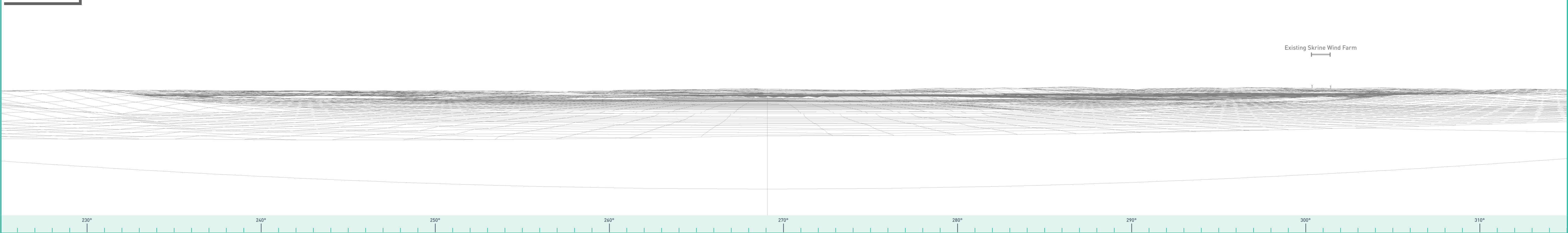
Key Image at 120°

90° View Extent

53.5° View Extent

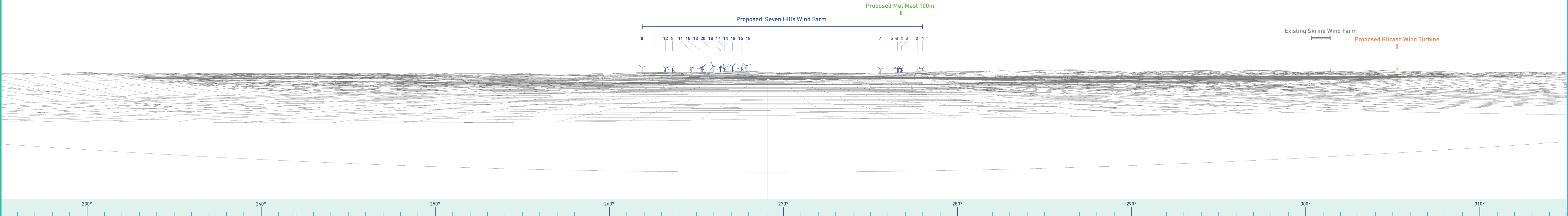


Matching Wireframe





Matching Wireframe



Proposed Photomontage with Cumulative at 53.5°



250°

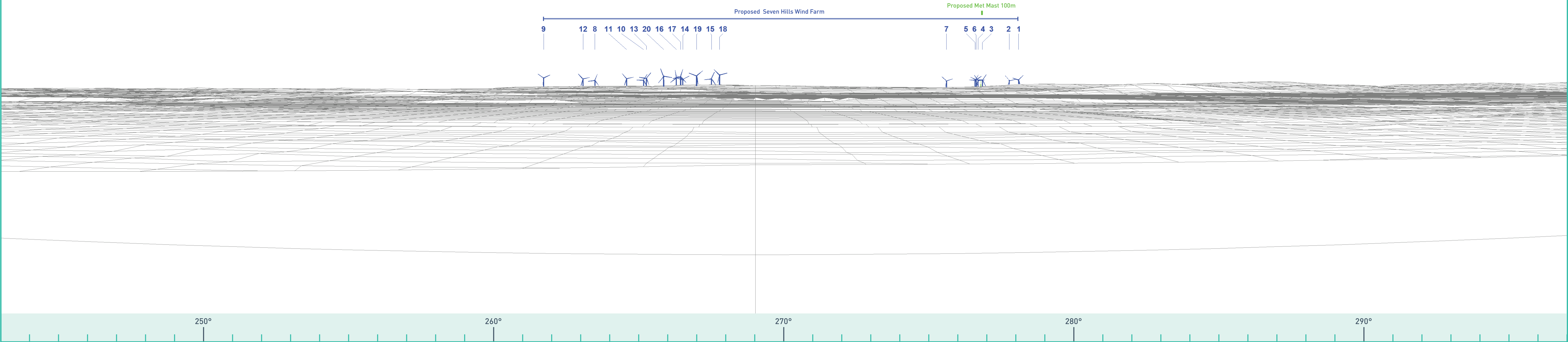
260°

270°

280°

290°

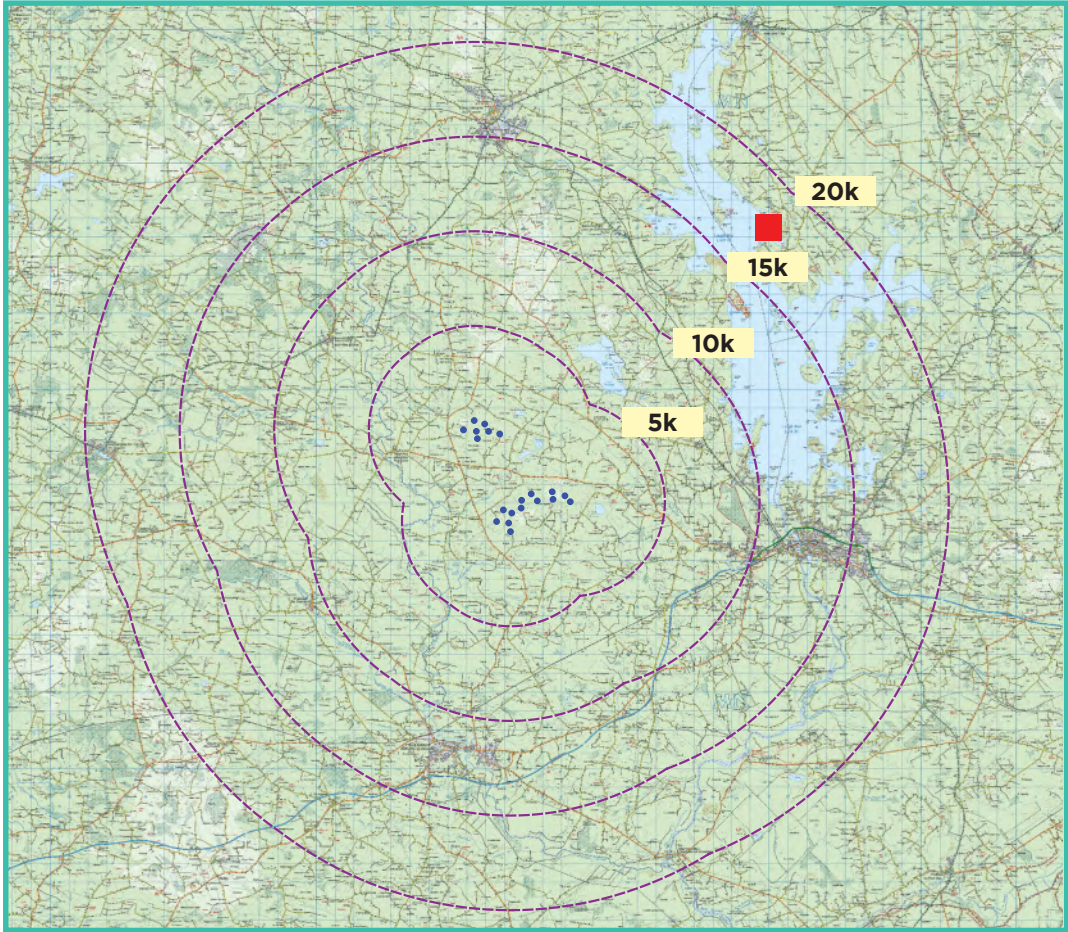
Matching Wireframe



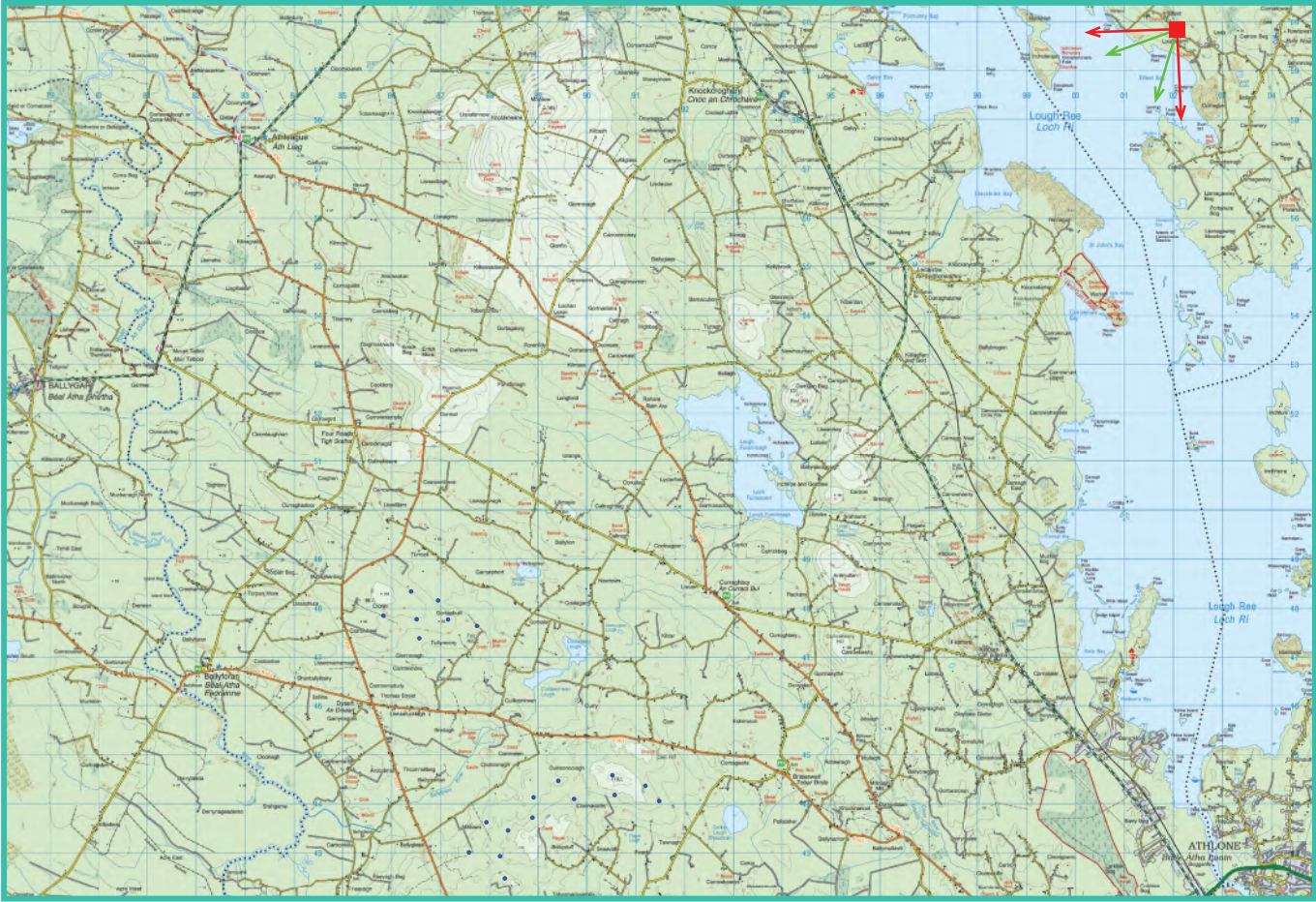
Photomontage 15

View Point: View from a Viewing Area in the townland of Loughfarm, County Longford. The viewpoint is located on Longford Scenic Route 20, approximately 18.8 km north-east of the nearest proposed turbine (T4).

View point grid reference	E 601,991 N 759,884
Date of image taken	26.09.2020
Time of image taken	10:57am
View point elevation	180m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	223°
Horizontal extent of proposed turbines	20°
Distance to nearest proposed turbine	18.8km (T4)
Number of proposed turbines visible	20/20
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Camera	Canon 5D Mark III / Full Frame Sensor
Lens	50mm Lens
Tripod	Manfrotto 190X extended to approx 1.65m.
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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

Wireframe Legend

- Proposed Seven Hills Wind Farm
- Existing Skrine Wind Farm
- Proposed Kilcash Wind Turbine
- Permitted Derrane Wind Farm
- Proposed Met Mast 100m

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°

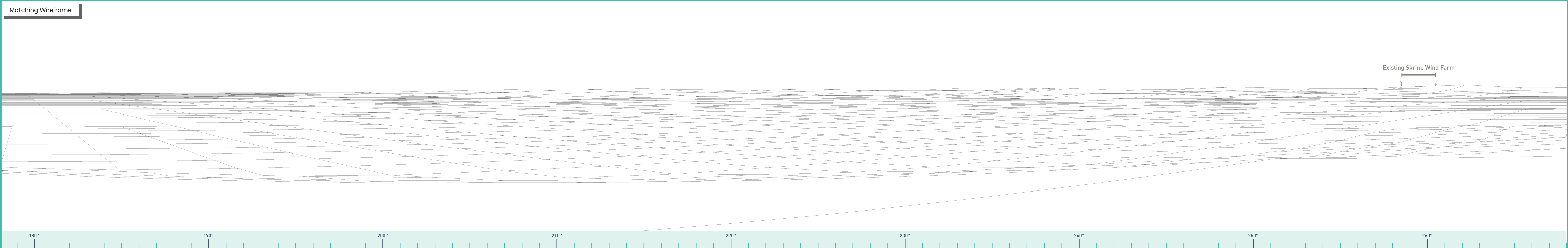
90° View Extent

53.5° View Extent

Baseline at 90°



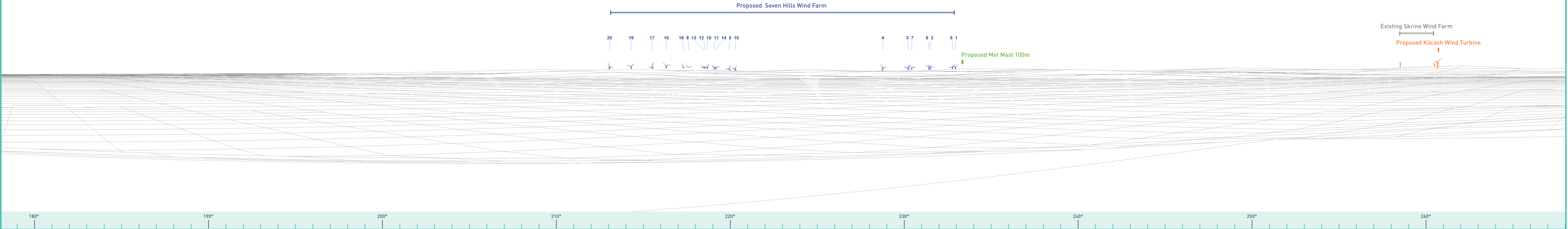
Matching Wireframe



Proposed Photomontage with Cumulative at 90°



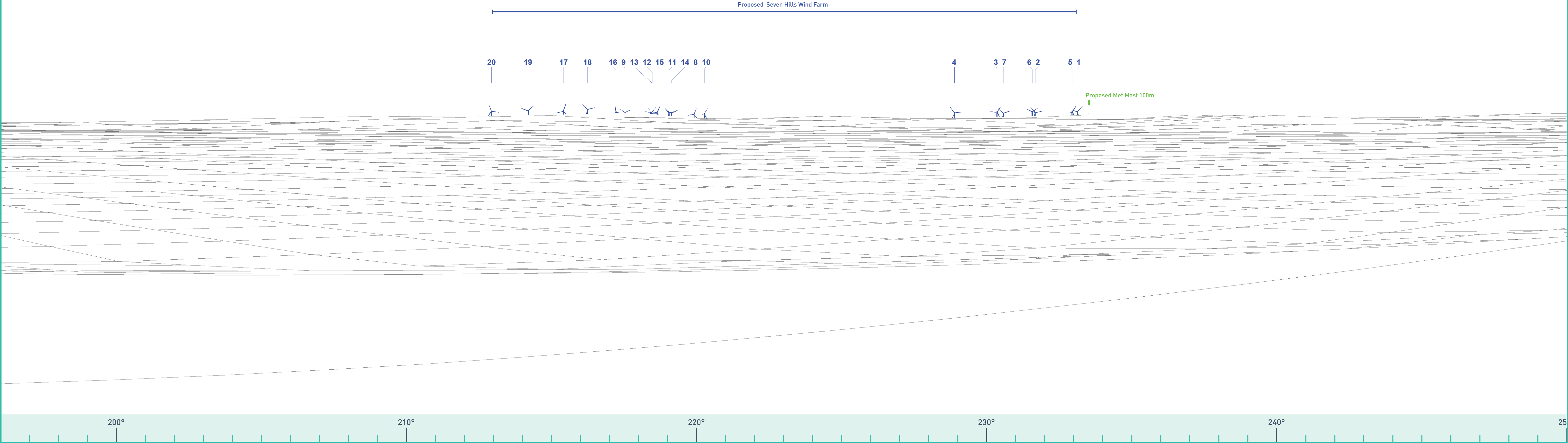
Matching Wireframe



Proposed Photomontage with Cumulative at 53.5°



Matching Wireframe



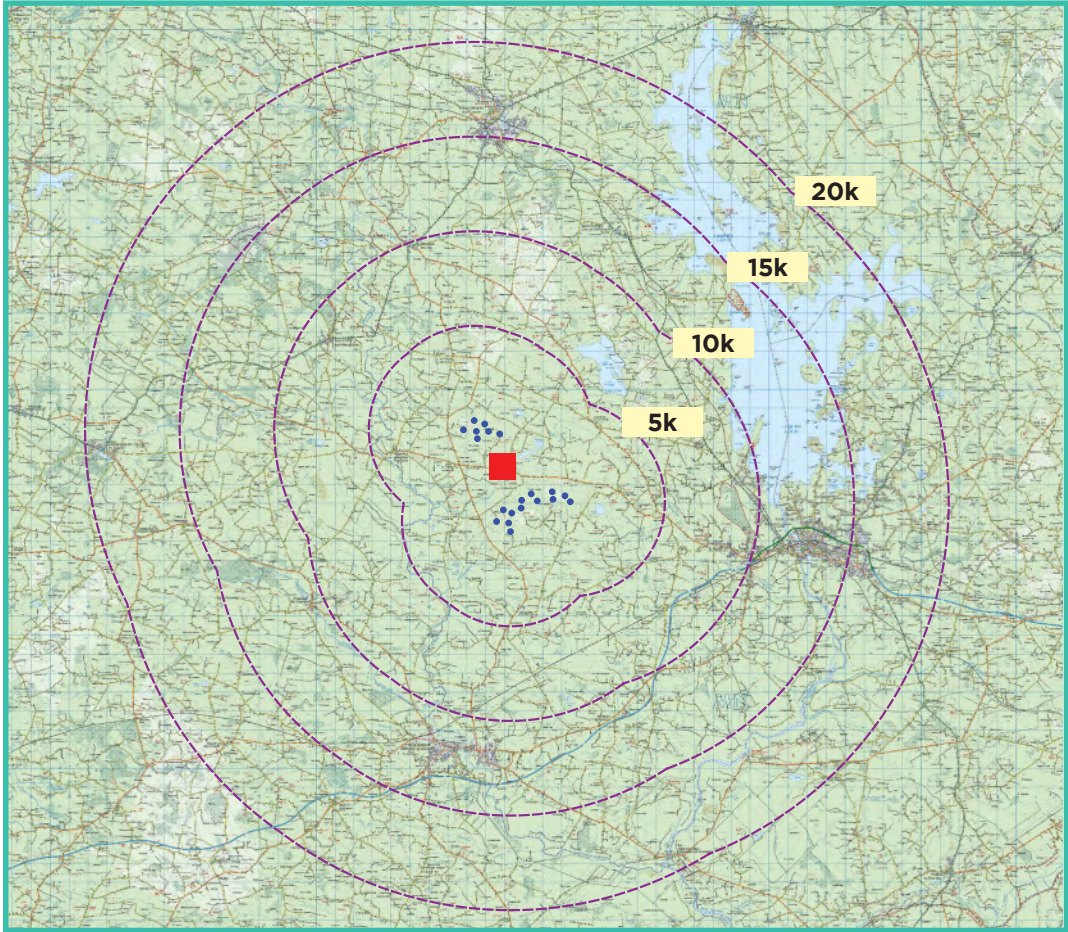
View
Point
16

Commeen

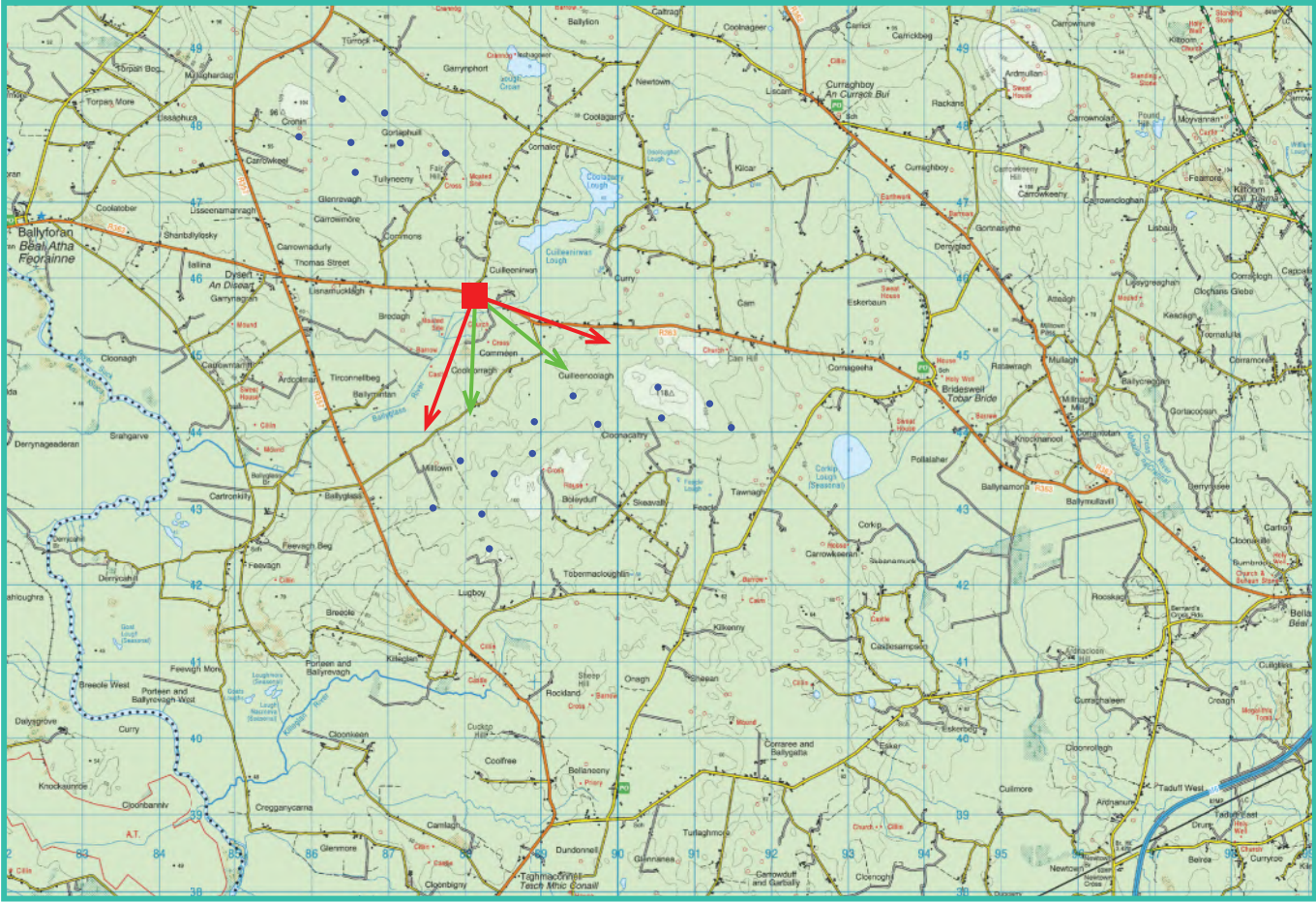
Photomontage 16

View Point: View from R363 Regional Road in the townland of Commeen. The viewpoint is located approximately 1.8 km north of the nearest proposed turbine (T14).

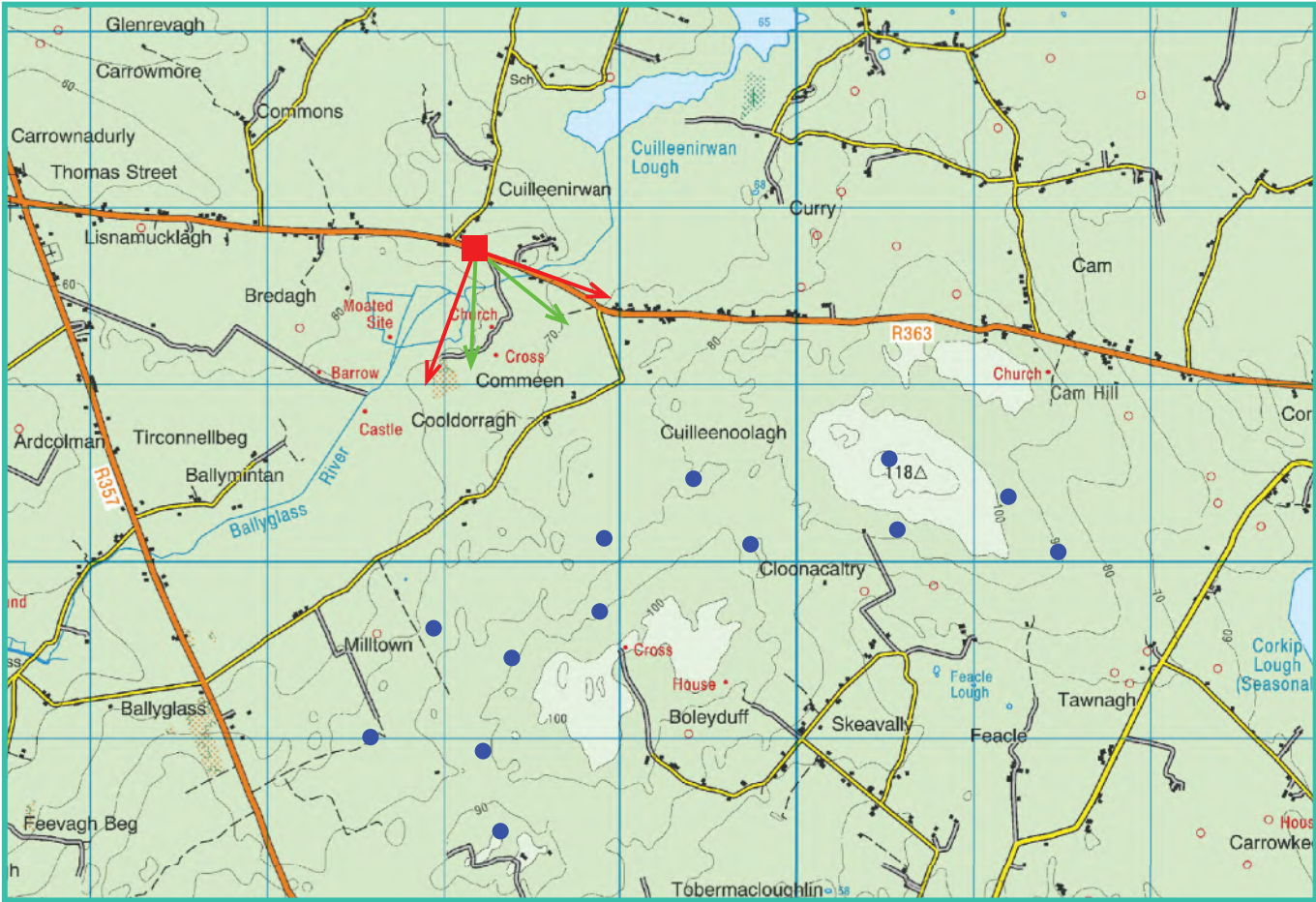
View point grid reference	E 588,061 N 745,808
Date of image taken	26.05.2021
Time of image taken	11:16am
View point elevation	68m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	155°
Horizontal extent of proposed turbines	76°
Distance to nearest proposed turbine	1.8km (T14)
Number of proposed turbines visible	13/20
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Camera	Canon 5D Mark III / Full Frame Sensor
Lens	50mm Lens
Tripod	Manfrotto 190X extended to approx 1.65m.
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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

Wireframe Legend

- Proposed Seven Hills Wind Farm
- Existing Skrine Wind Farm
- Proposed Kilcash Wind Turbine
- Permitted Derrane Wind Farm
- Proposed Met Mast 100m

Prepared by

MKO
Planning & Environmental
Consultants
Tuam Road, Galway.

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



Key Image at 120°

90° View Extent

53.5° View Extent

0° Included Angle (Degrees)

45°

90°

Baseline at 90°



Matching Wireframe

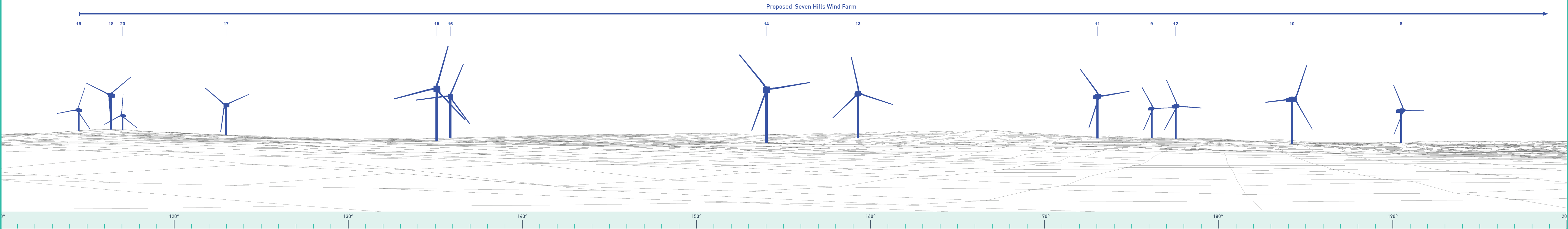


View Direction (Degrees)

Proposed Photomontage with Cumulative at 90°



Matching Wireframe



Proposed Photomontage with Cumulative at 53.5°



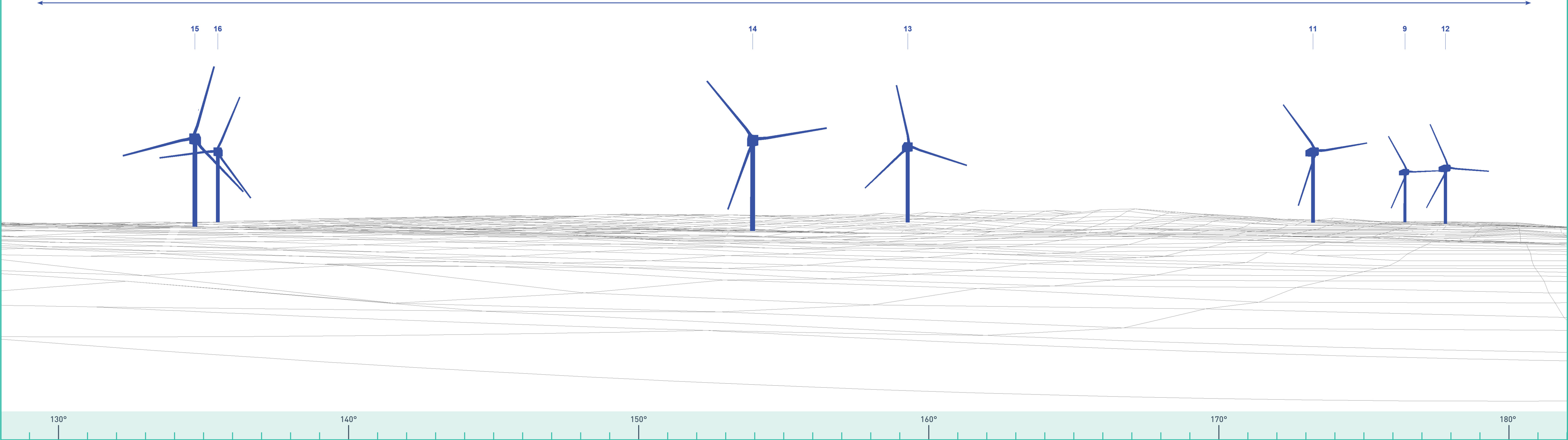
0° Included Angle (Degrees)

26.5°

53.5°

Matching Wireframe

Proposed Seven Hills Wind Farm

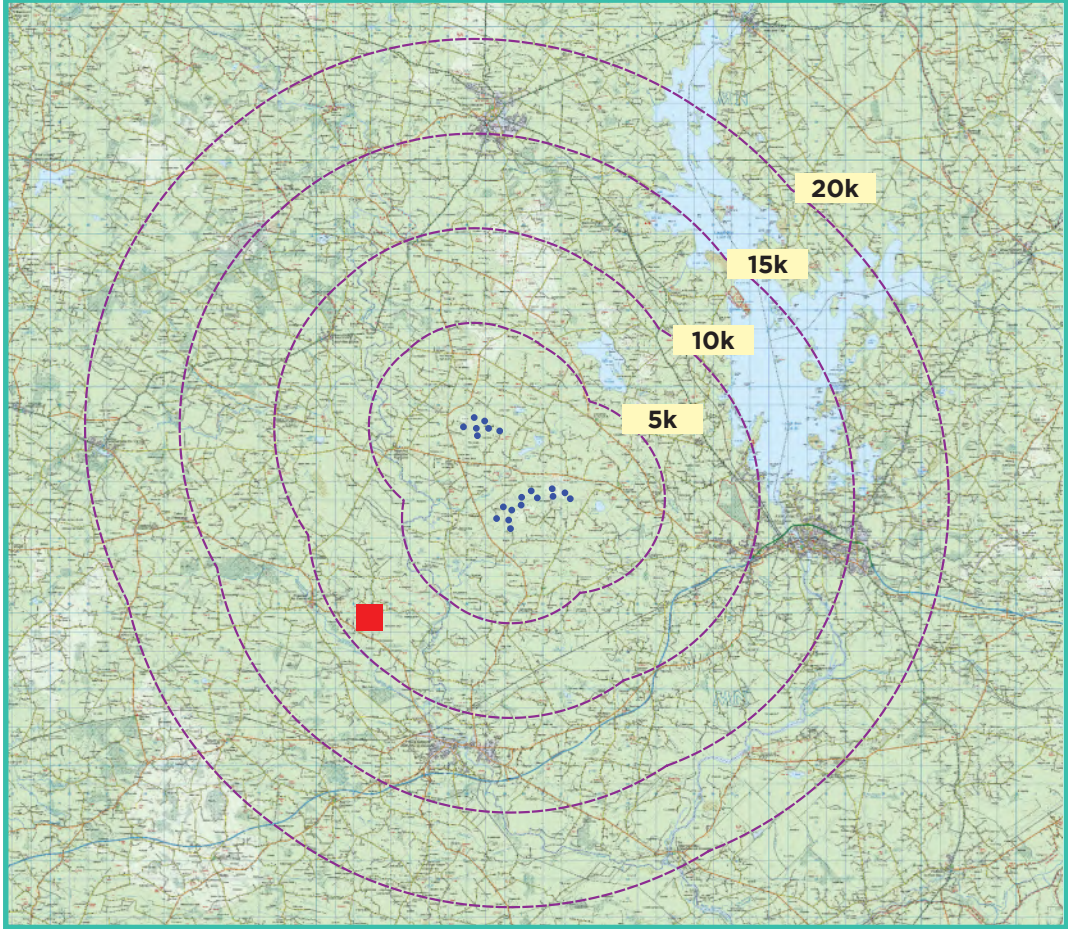


View Direction (Degrees)

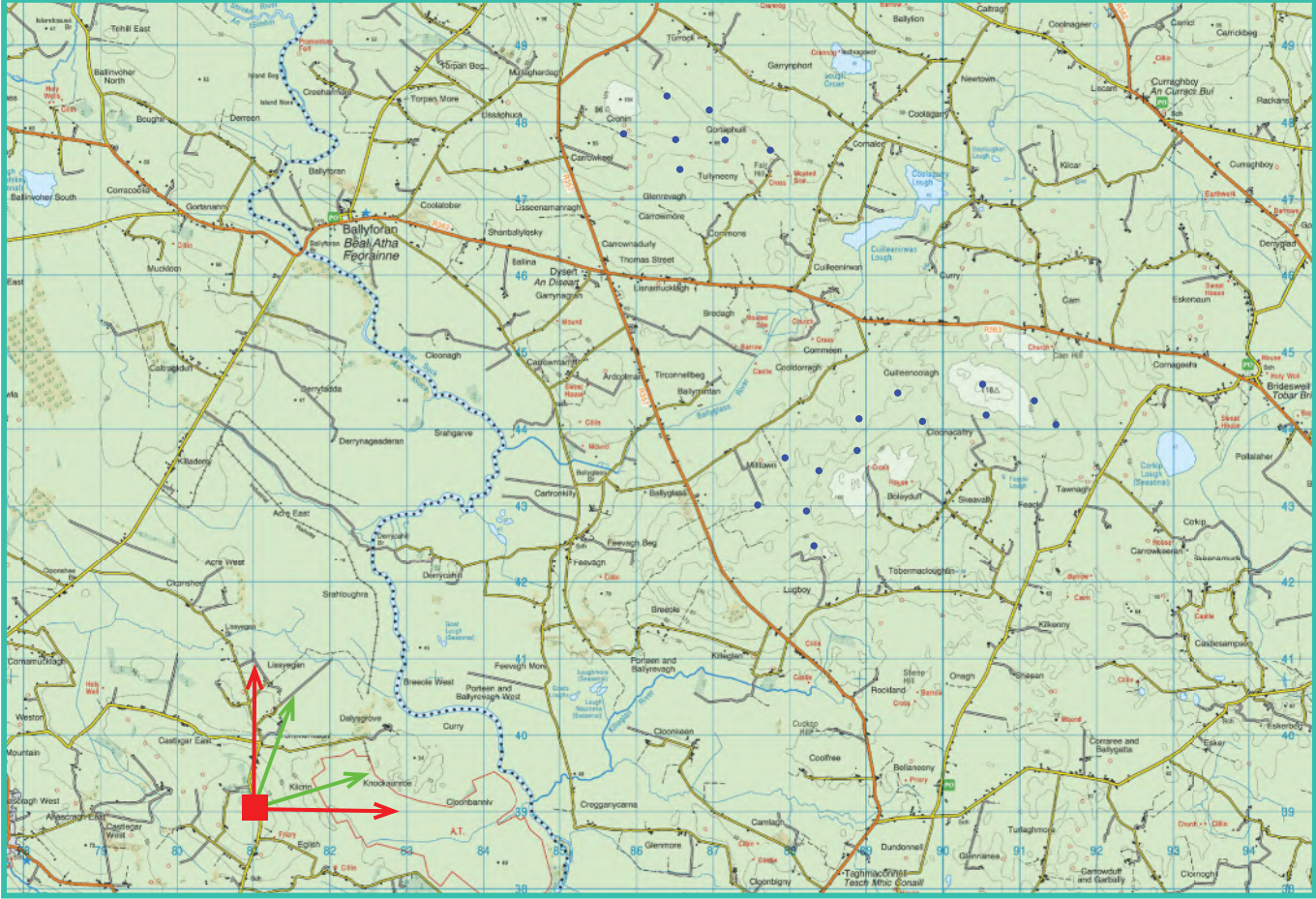
Photomontage 17

View Point: View from a Local Road in the townland of Castlegar East. The viewpoint is located approximately 7.6 km west-south-west of the nearest proposed turbine (T8).

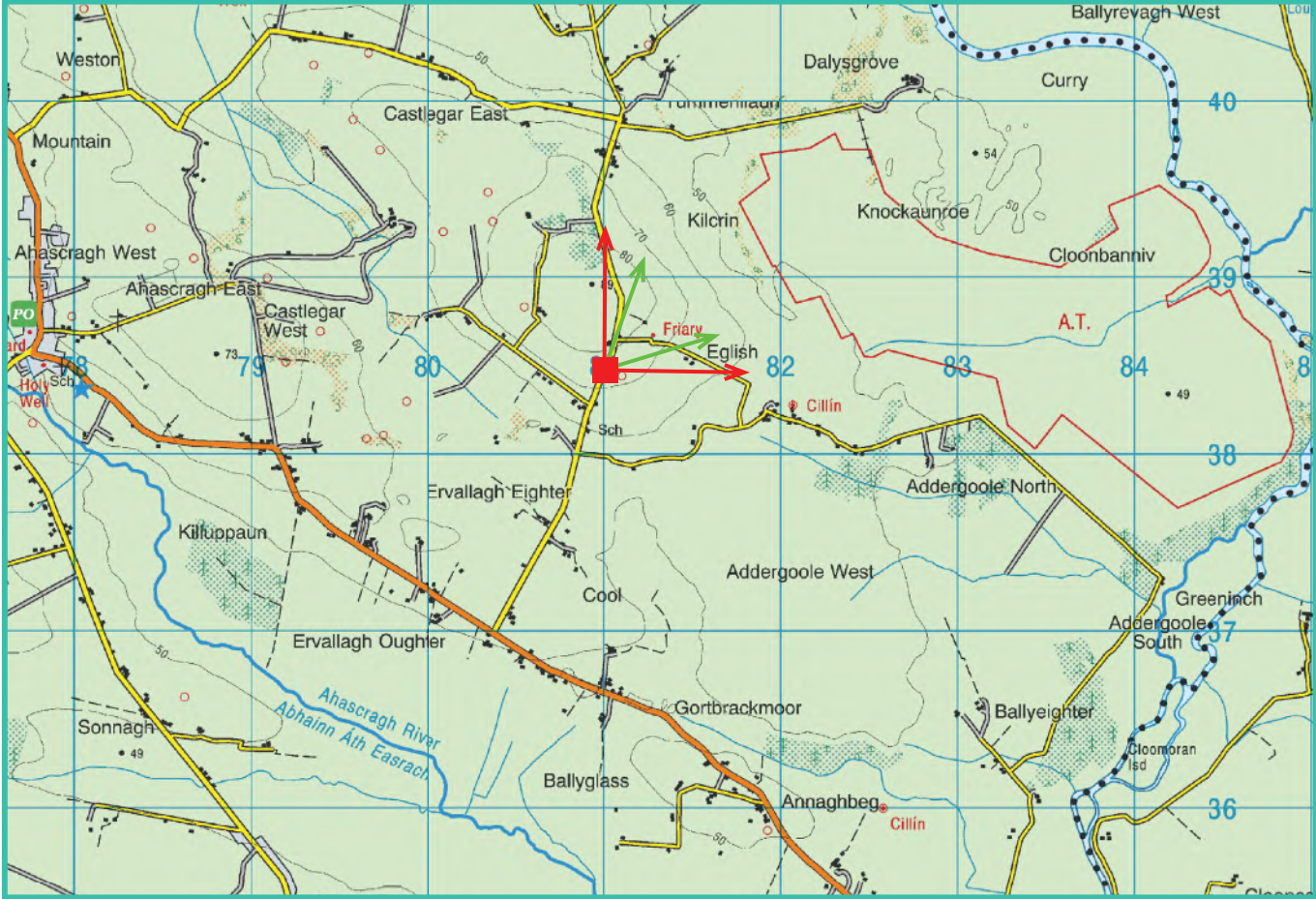
View point grid reference	E 580,987 N 739,111
Date of image taken	26.09.2020
Time of image taken	3:44pm
View point elevation	180m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	46°
Horizontal extent of proposed turbines	37°
Distance to nearest proposed turbine	7.6km (T8)
Number of proposed turbines visible	20/20
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Camera	Canon 5D Mark III / Full Frame Sensor
Lens	50mm Lens
Tripod	Manfrotto 190X extended to approx 1.65m.
Map Licence	© Ordnance Survey Ireland/Government of Ireland. CYAL50186891



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

Wireframe Legend

Proposed Seven Hills Wind Farm

Existing Skrine Wind Farm

Proposed Kilcash Wind Turbine

Permitted Derrane Wind Farm

Proposed Met Mast 100m

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Website: www.mkofireland.ie



Key Image at 120°

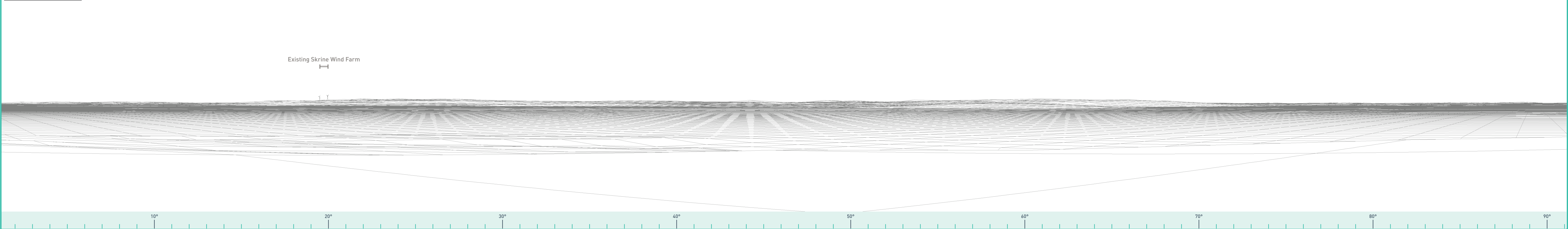
90° View Extent

53.5° View Extent

Baseline at 90°



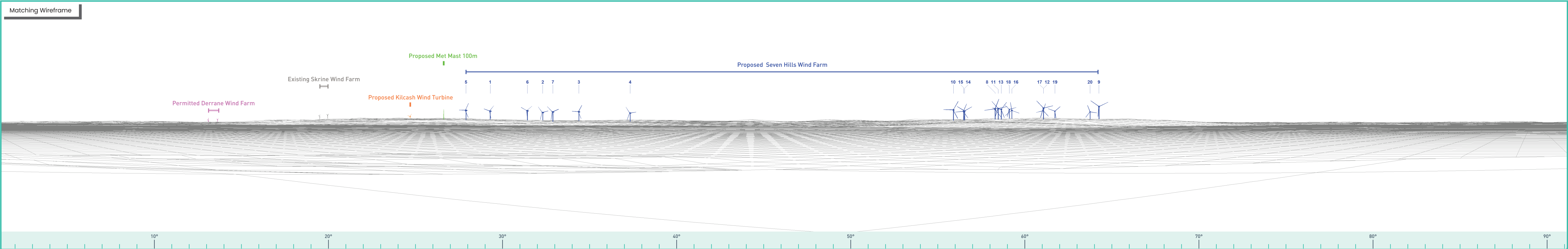
Matching Wireframe



Proposed Photomontage with Cumulative at 90°



Matching Wireframe



Proposed Photomontage with Cumulative at 53.5°

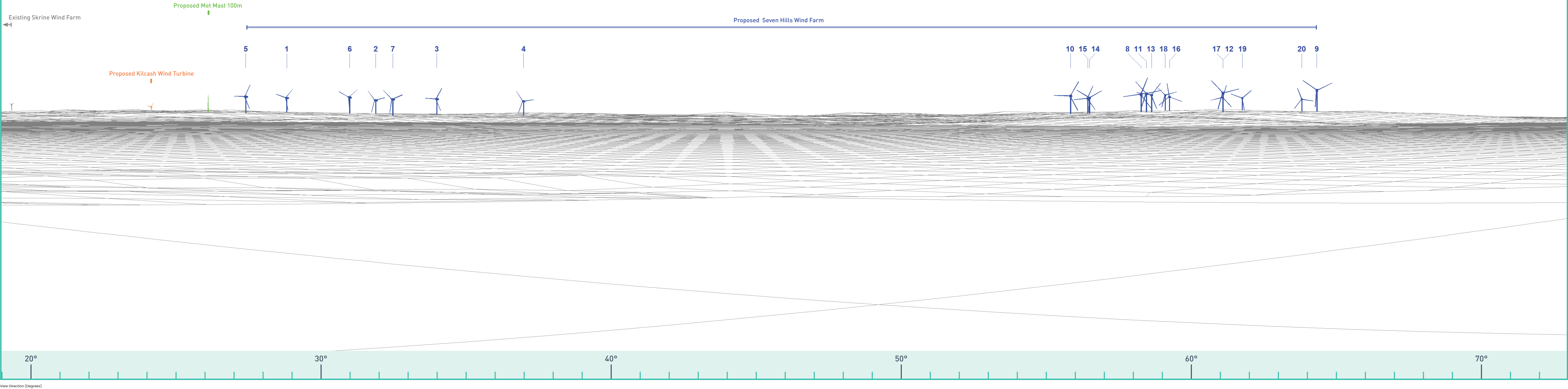


0° Included Angle (Degrees)

26.5°

53.5°

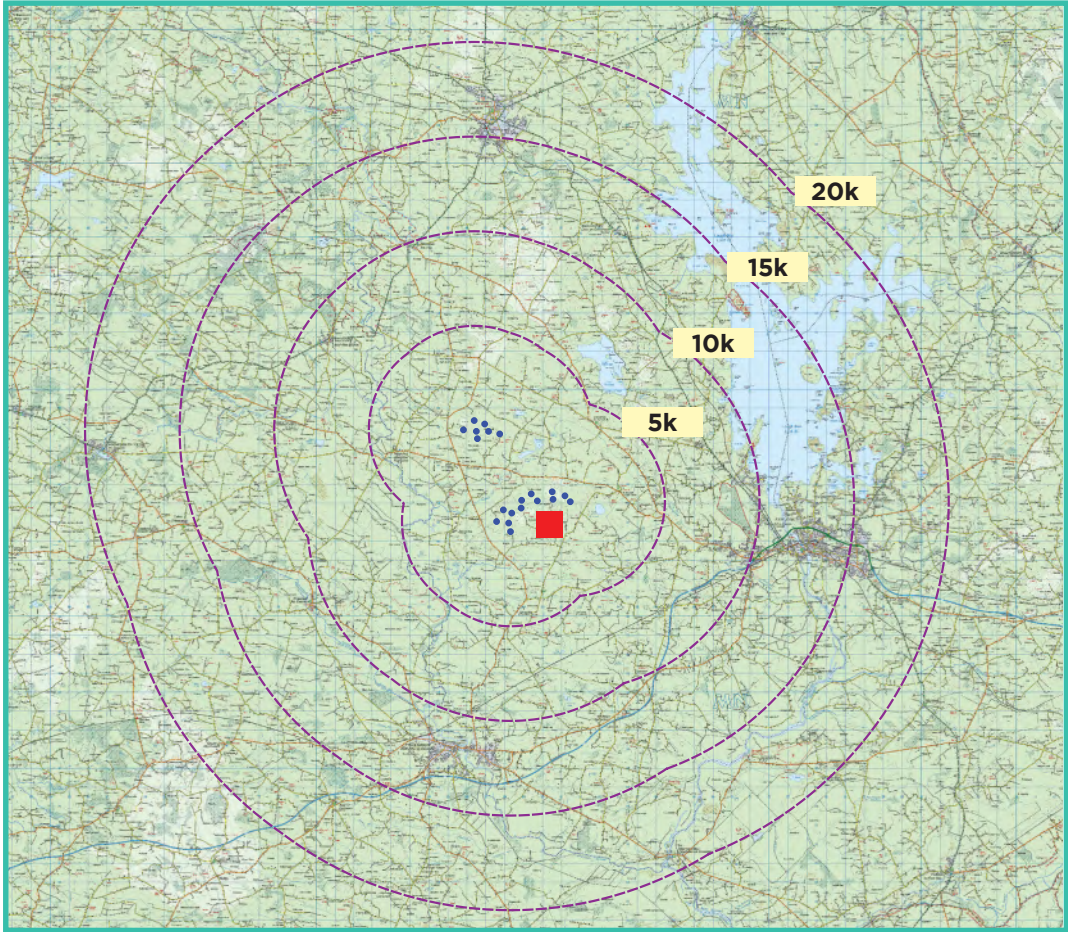
Matching Wireframe



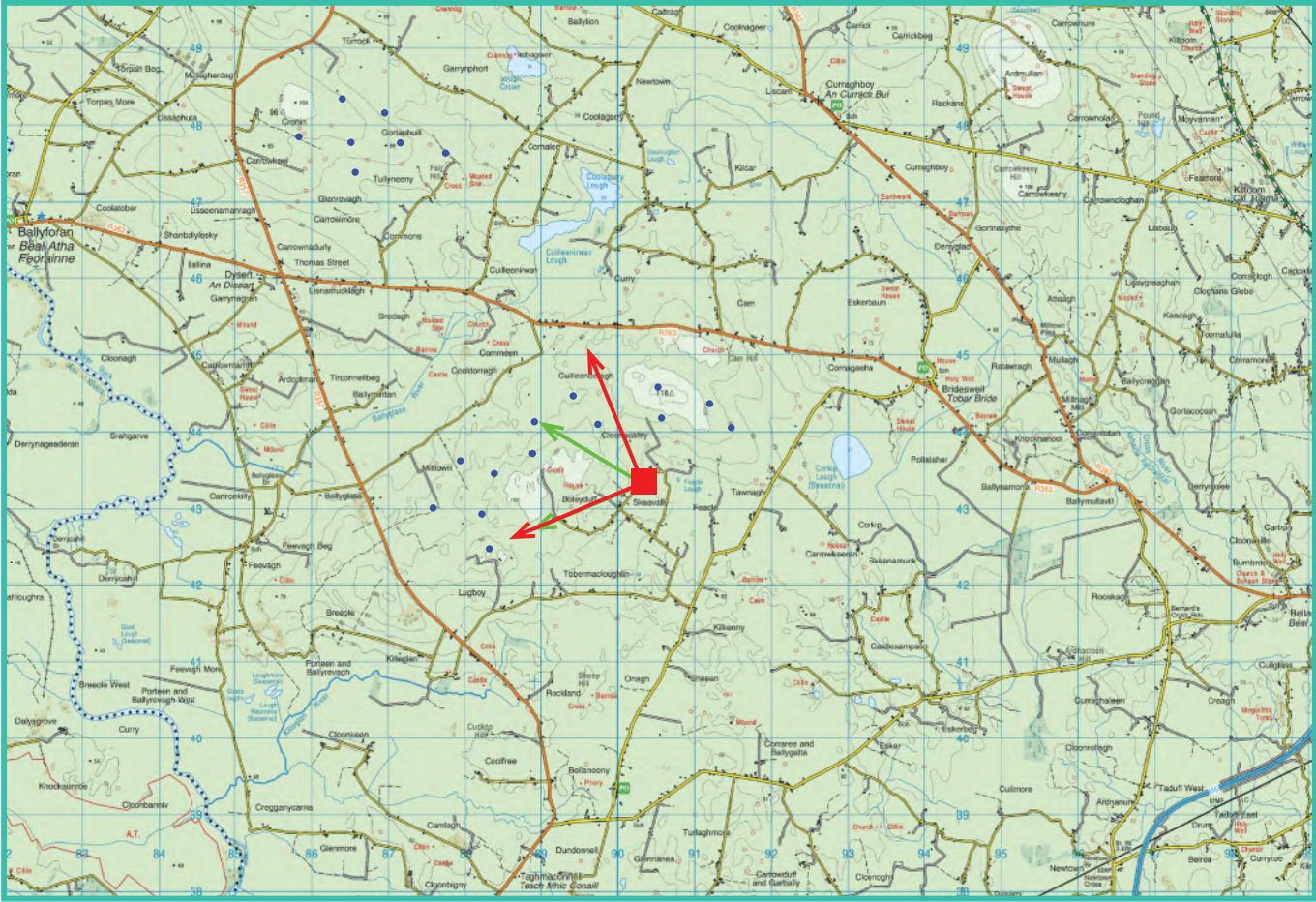
Photomontage 18A

View Point: View from a Local Road in the townland of Skyvalley. The viewpoint is located approximately 7.6 km west-south-west of the nearest proposed turbine (T8).

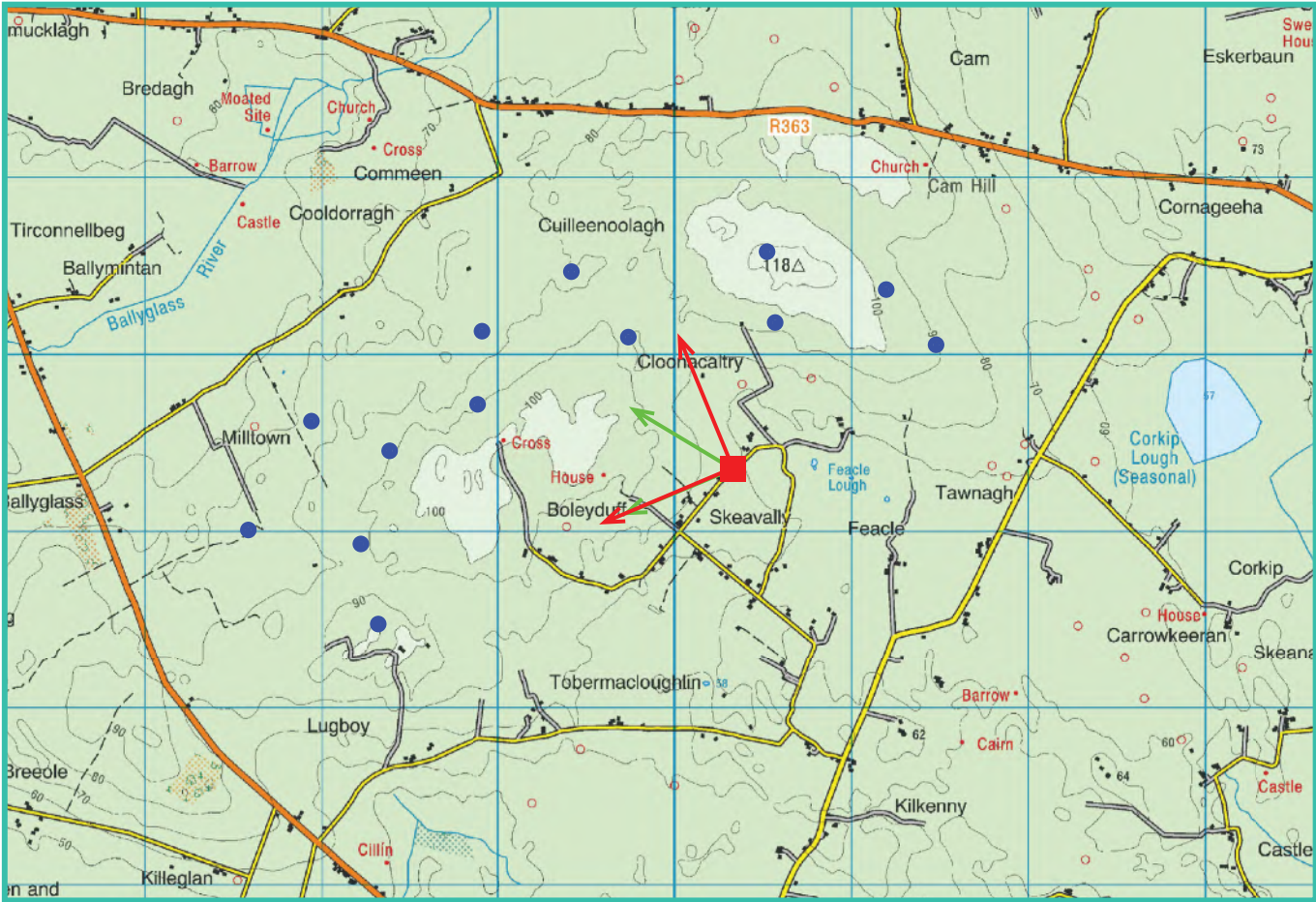
View point grid reference	E 590,301 N 743,384
Date of image taken	18.09.2020
Time of image taken	10:11am
View point elevation	180m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	287° / 271°
Horizontal extent of proposed turbines	182°
Distance to nearest proposed turbine	7.6km (T8)
Number of proposed turbines visible	14/20
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Camera	Canon 5D Mark III / Full Frame Sensor
Lens	50mm Lens
Tripod	Manfrotto 190X extended to approx 1.65m.
Map Licence	© Ordnance Survey Ireland/Government of Ireland. CYAL50186891



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

Wireframe Legend

- Proposed Seven Hills Wind Farm
- Existing Skrine Wind Farm
- Proposed Kilcash Wind Turbine
- Permitted Derrane Wind Farm
- Proposed Met Mast 100m

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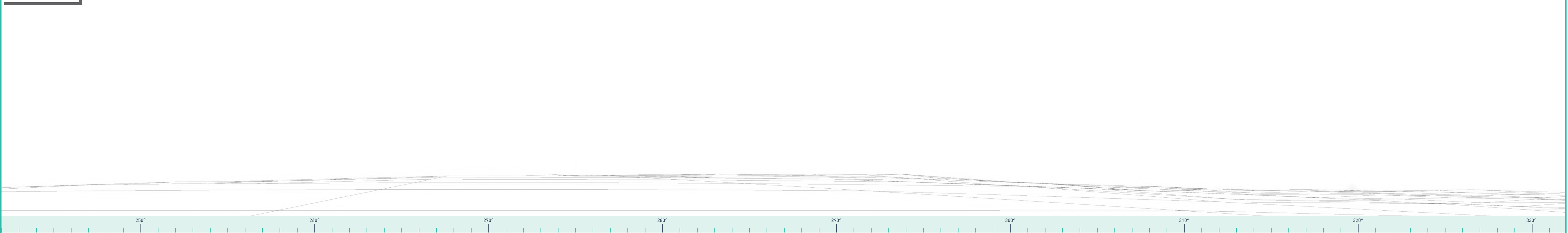
Tel: (091) 73 56 11
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Website: www.mkoireland.ie



53.5° View Extent



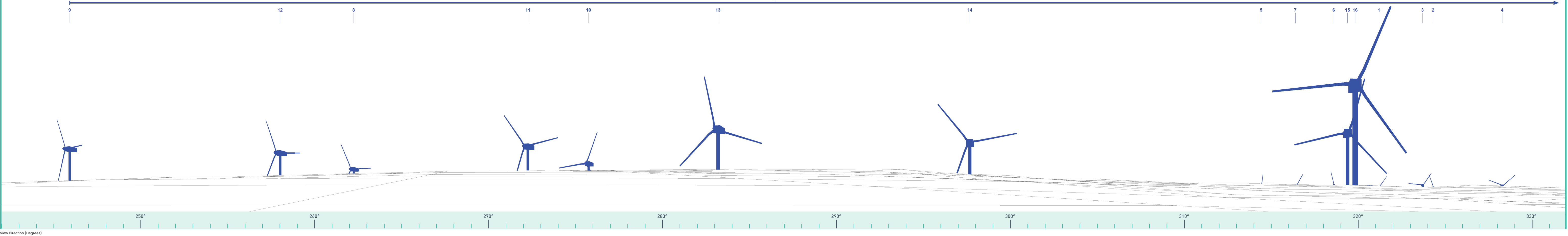
Matching Wireframe





Matching Wireframe

Proposed Seven Hills Wind Farm



Proposed Photomontage with Cumulative at 53.5°



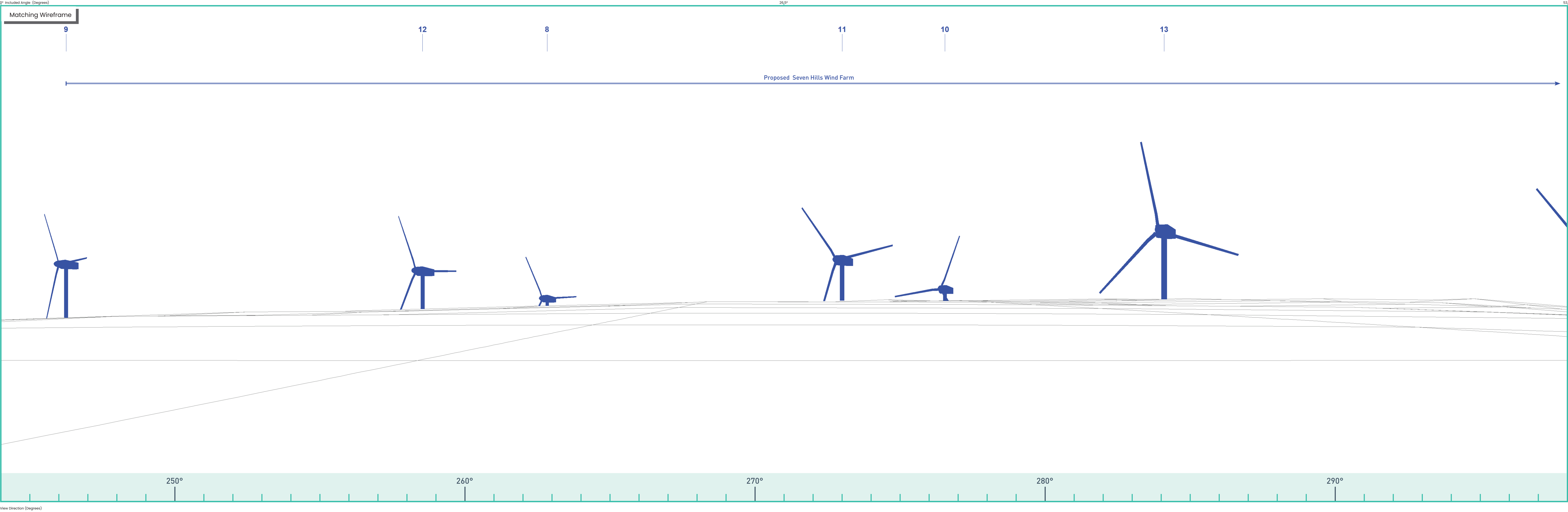
250°

260°

270°

280°

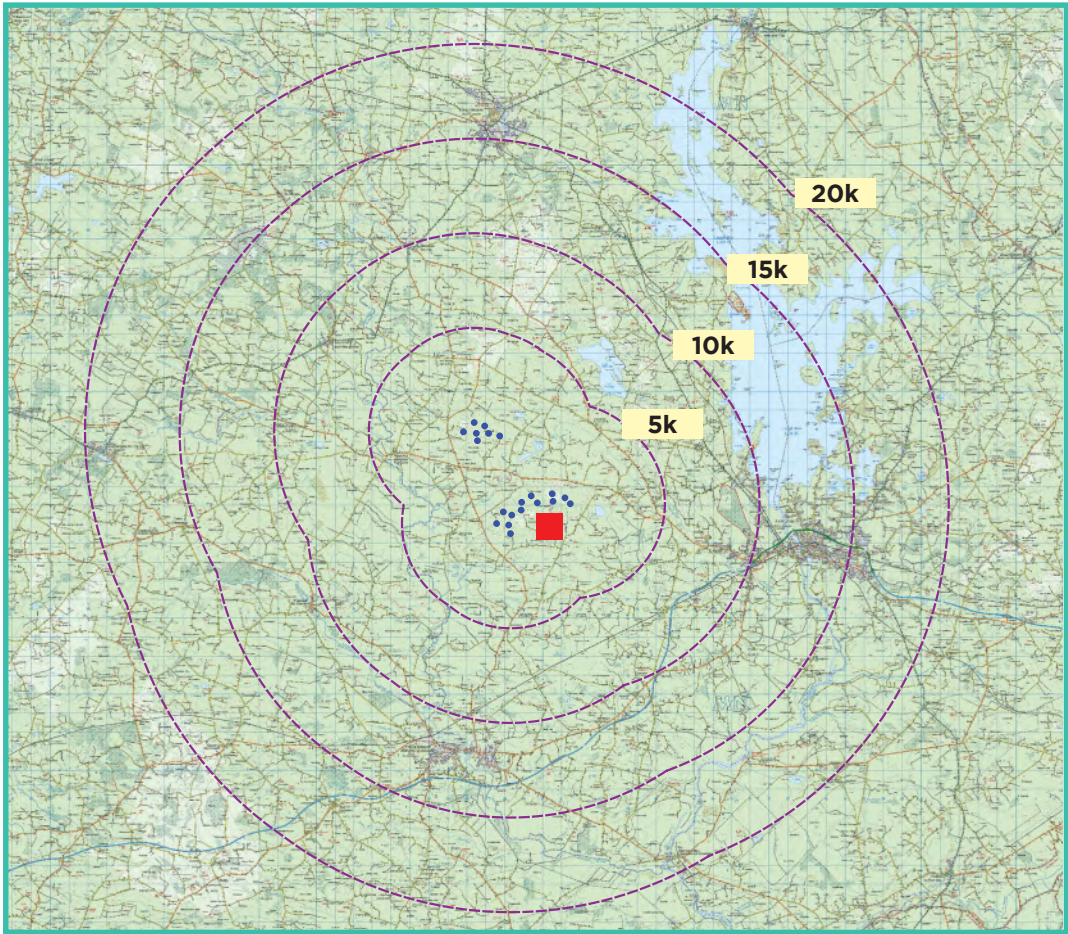
290°



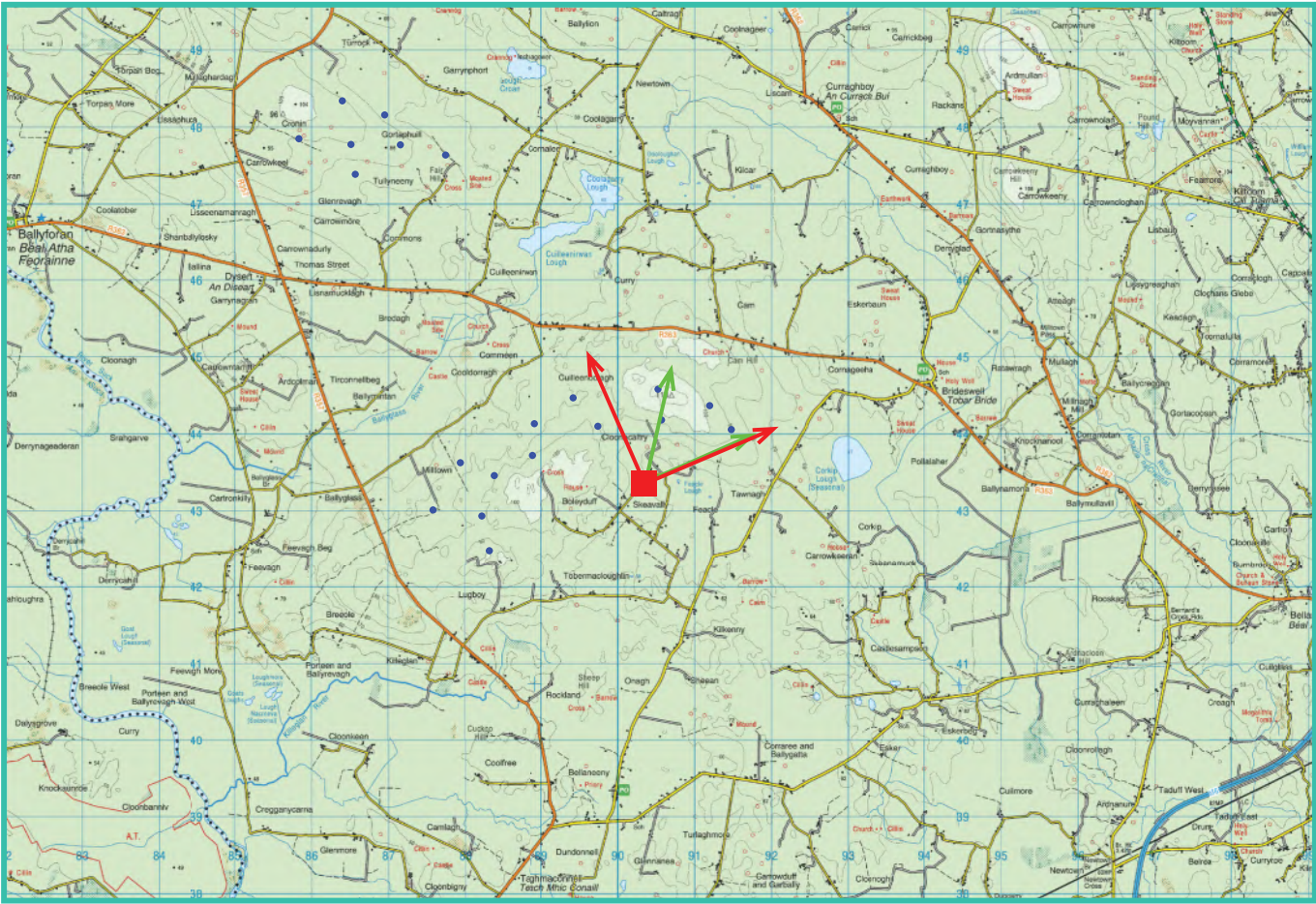
Photomontage 18B

View Point: View from a Local Road in the townland of Skyvalley. The viewpoint is located approximately 7.6 km west-south-west of the nearest proposed turbine (T8).

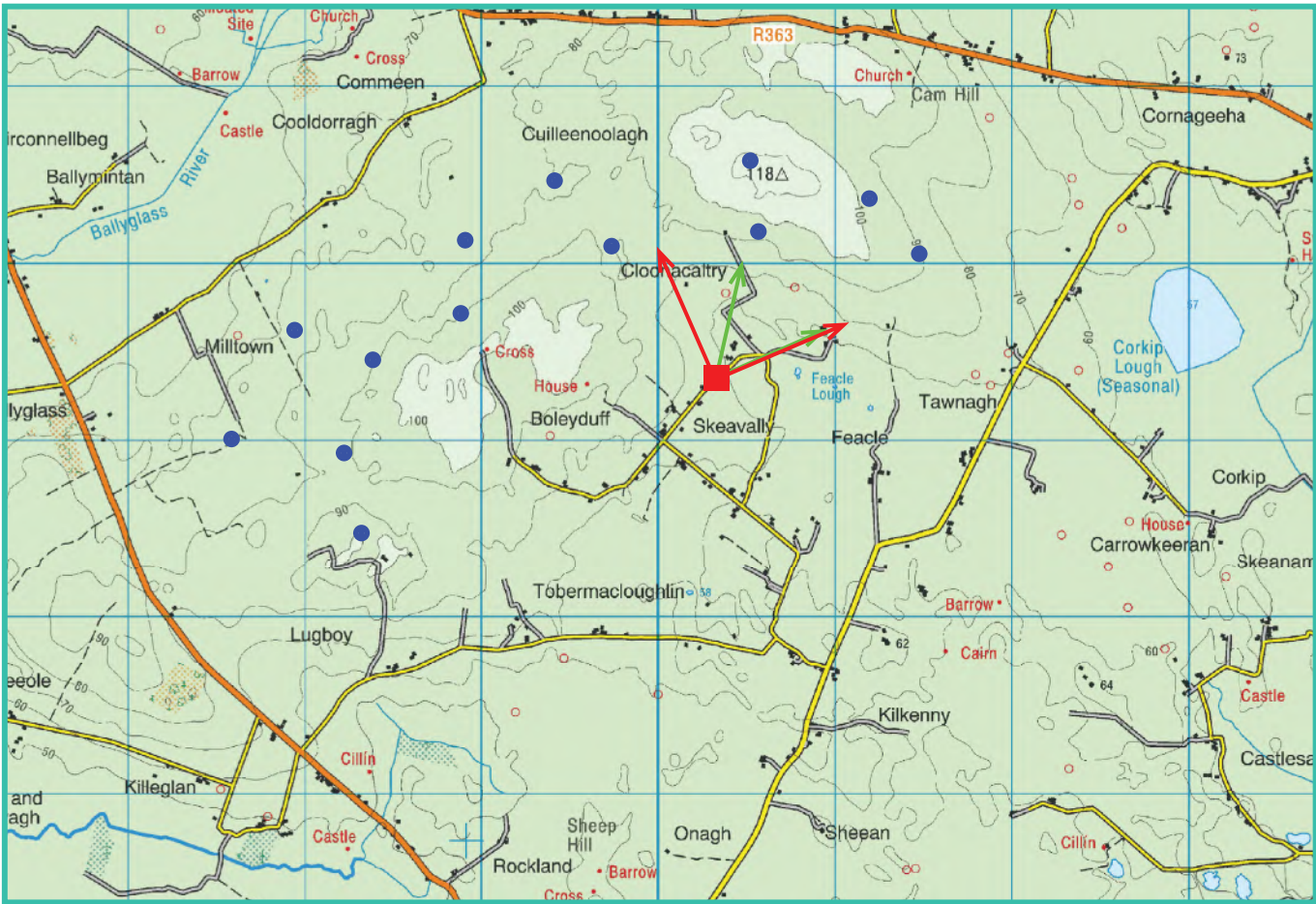
View point grid reference	E 590,301 N 743,384
Date of image taken	18.09.2020
Time of image taken	10:11am
View point elevation	180m
Angle of Views	90° / 53.5°
View Direction (Image Centre)	15° / 32°
Horizontal extent of proposed turbines	182°
Distance to nearest proposed turbine	7.6km (T8)
Number of proposed turbines visible	4/20
Turbine Hub Height	99m
Turbine Tip Height	180m
Turbine Rotor Diameter	162m
Camera	Canon 5D Mark III / Full Frame Sensor
Lens	50mm Lens
Tripod	Manfrotto 190X extended to approx 1.65m.
Map Licence	© Ordnance Survey Ireland/Government of Ireland. CYAL50186891



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

Wireframe Legend

Proposed Seven Hills Wind Farm

Existing Skrine Wind Farm

Proposed Kilcash Wind Turbine

Permitted Derrane Wind Farm

Proposed Met Mast 100m

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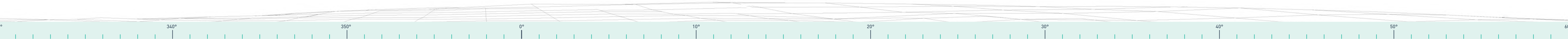
53.5° View Extent

0° Included Angle (Degrees)

Baseline at 90°



Matching Wireframe

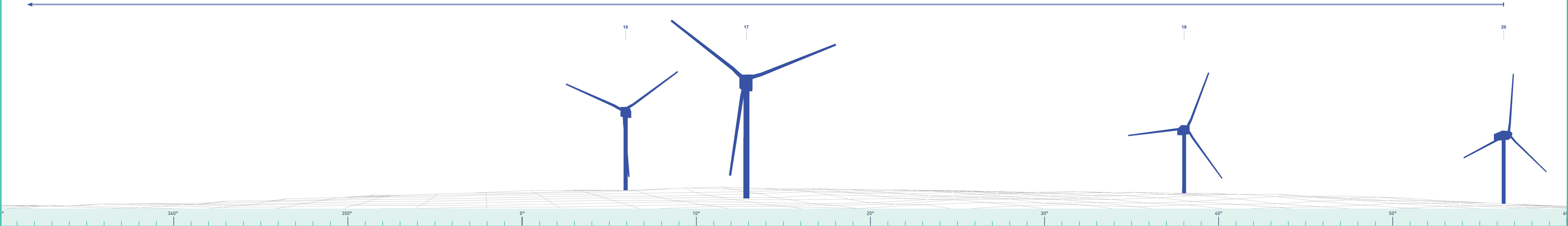


View Direction (Degrees)



Matching Wireframe

Proposed Seven Hills Wind Farm



0° Included Angle (Degrees)

26.5°

53.5°

Proposed Photomontage with Cumulative at 53.5°



View Direction (Degrees)

