



Uisenis Wind Farm

Volume 3c

Proposed Development Visualisations – Viewpoints 10-18

August 2023

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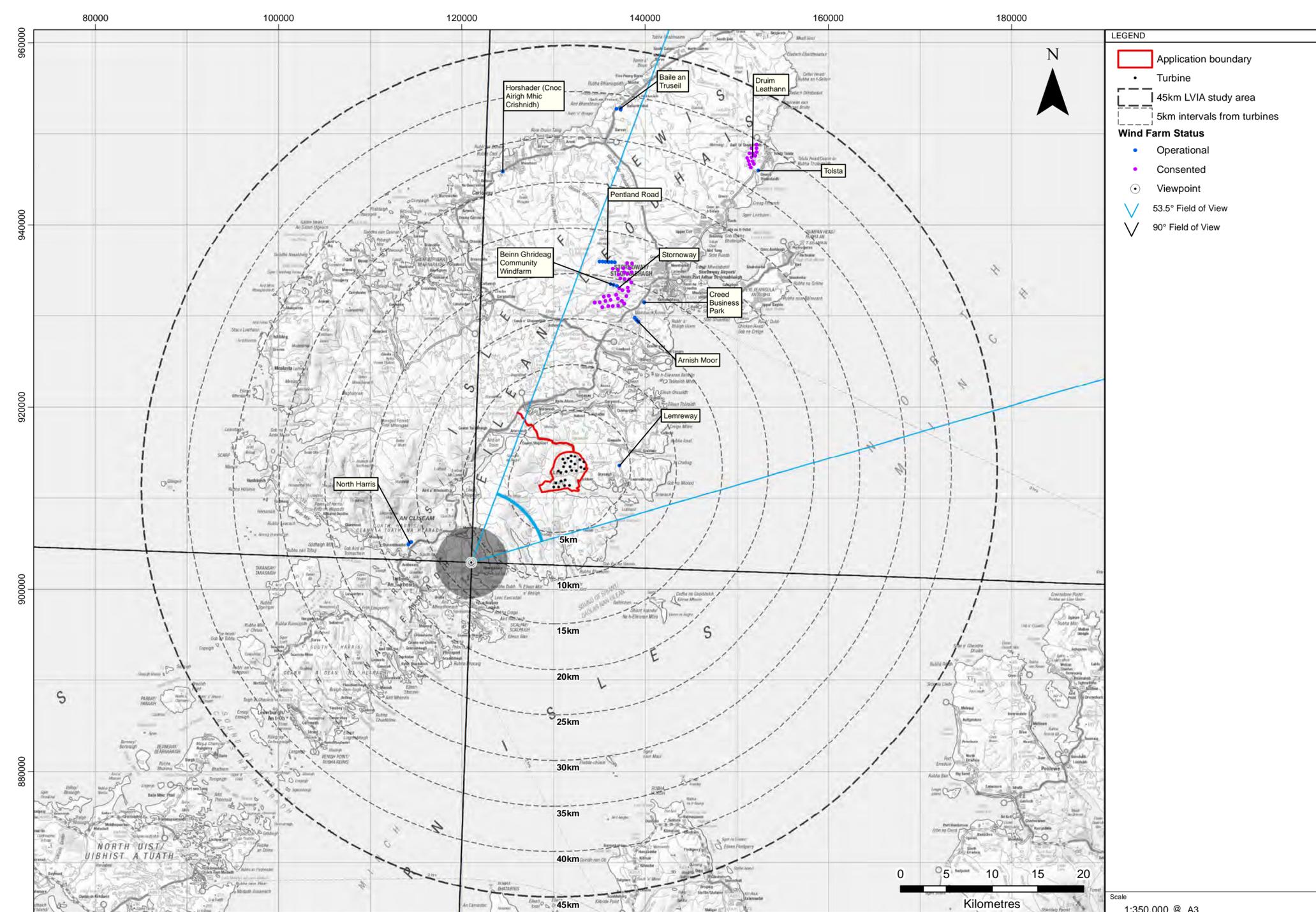
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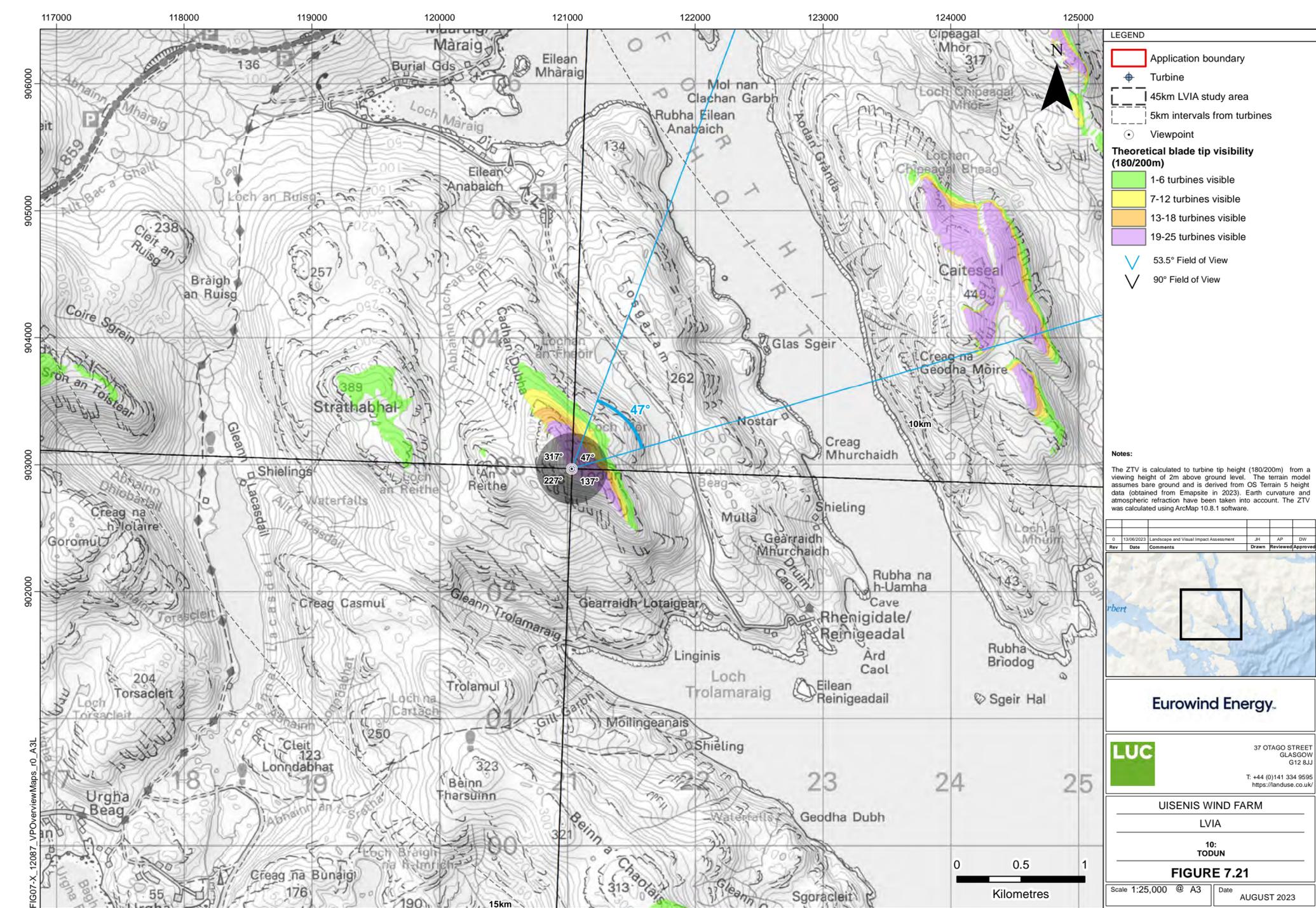


FIG07-X-12087\_VPOverviewMaps\_r0\_A3L

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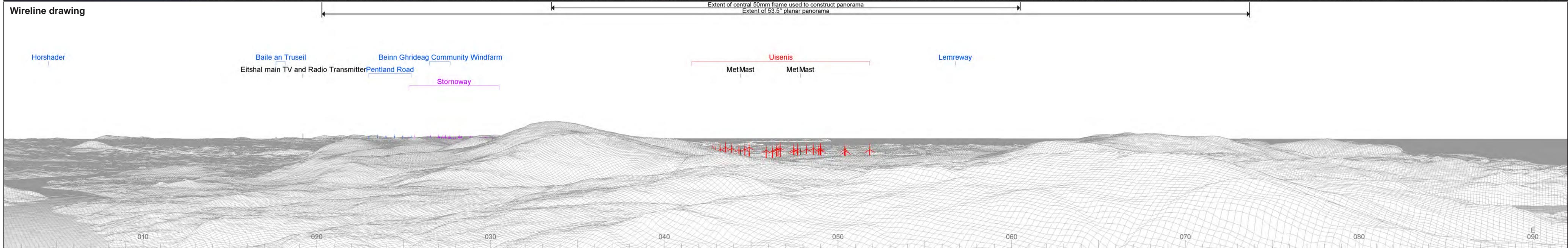
**UISENIS WIND FARM**

LVIA

10:  
TODUN

**FIGURE 7.21**

Scale 1:25,000 @ A3 Date AUGUST 2023



OS reference: 121033E 902967N  
AOD: 526.91 m  
Direction of view: 47°  
Nearest turbine: 12.21 km

Horizontal field of view: 90° (cylindrical projection)  
Principal distance: 522 mm  
Paper size: 841 x 297 mm (half A1)  
Correct printed image size: 820 x 260 mm

Camera: NIKON D750  
Lens: 50mm Fixed Focal Length  
Camera height: 1.5 m

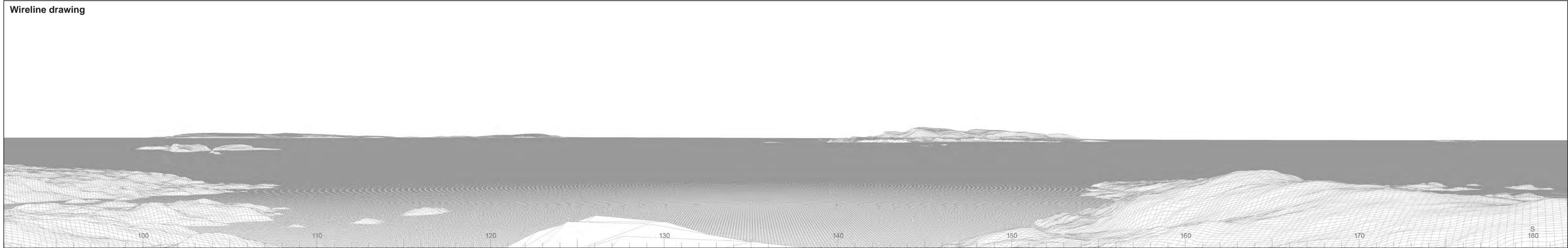
Photography Date: 23/03/2023  
Photography Time: 14:07

Wind Farm Developments key  
(by status):

Proposed scheme  
Operational  
Consented

Uisenis Wind Farm  
Figure 7.21a  
Viewpoint 10: Todun

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OS reference: 121033E 902967N  
 AOD: 526.91 m  
 Direction of view: 137°  
 Nearest turbine: 12.21 km

Horizontal field of view: 90° (cylindrical projection)  
 Principal distance: 522 mm  
 Paper size: 841 x 297 mm (half A1)  
 Correct printed image size: 820 x 260 mm

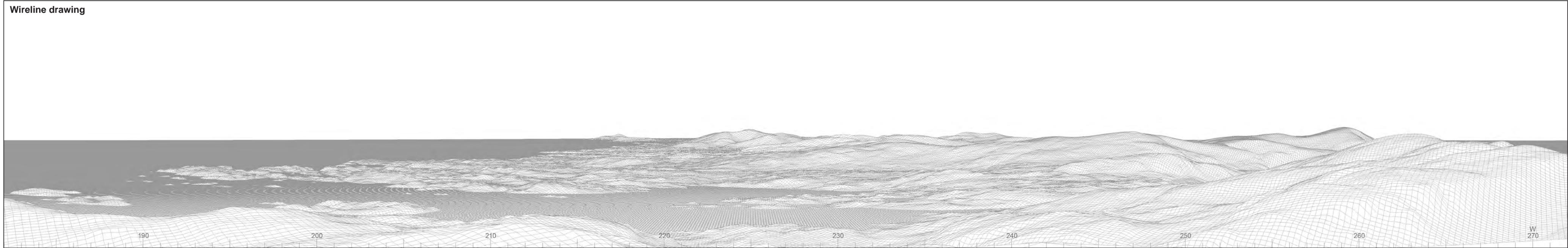
Camera: NIKON D750  
 Lens: 50mm Fixed Focal Length  
 Camera height: 1.5 m

Photography Date: 23/03/2023  
 Photography Time: 14:07

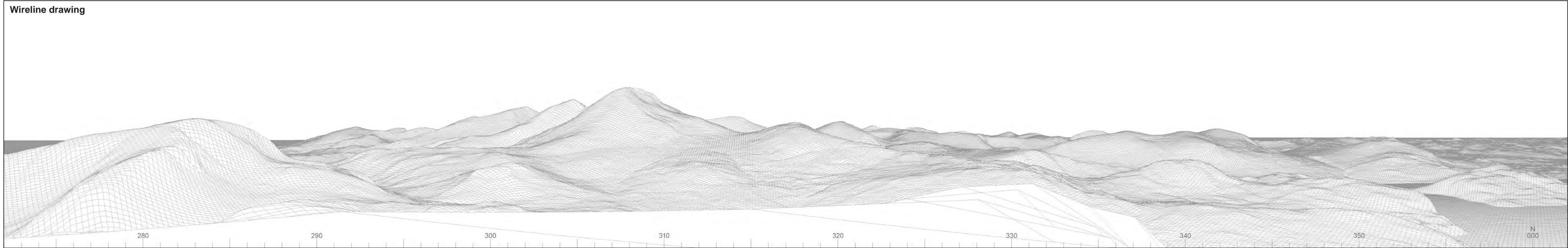
Wind Farm Developments key  
 (by status):

Proposed scheme  
 Operational  
 Consented

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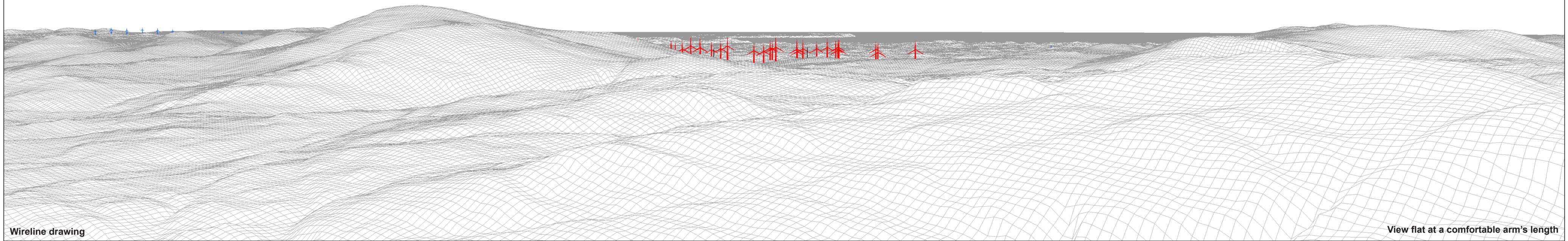


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3 4 1 9 12 10 2 5 13 11 14 8 6 21 22 15 20 7 19 16 17 23 18 24 25



Wireline drawing

View flat at a comfortable arm's length



OS reference: 121033E 902967N  
 AOD: 526.91 m  
 Direction of view: 47°  
 Nearest turbine: 12.214 km

Horizontal field of view: 53.5° (planar projection)  
 Principal distance: 812.5 mm  
 Paper size: 841 x 297 mm (half A1)  
 Correct printed image size: 820 x 260 mm

Wind Farm Developments key  
 (by status):  
 Proposed scheme  
 Operational

Notes:  
 1) One turbine blade of T19-T25 to be painted black (see photomontage)  
 2) Turbine lighting to be positioned on the nacelles of Turbines 1, 3, 7, 12, 18, 22, 25

Uisenis Wind Farm  
 Figure 7.21e  
 Viewpoint 10: Todun

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Photomontage

View flat at a comfortable arm's length



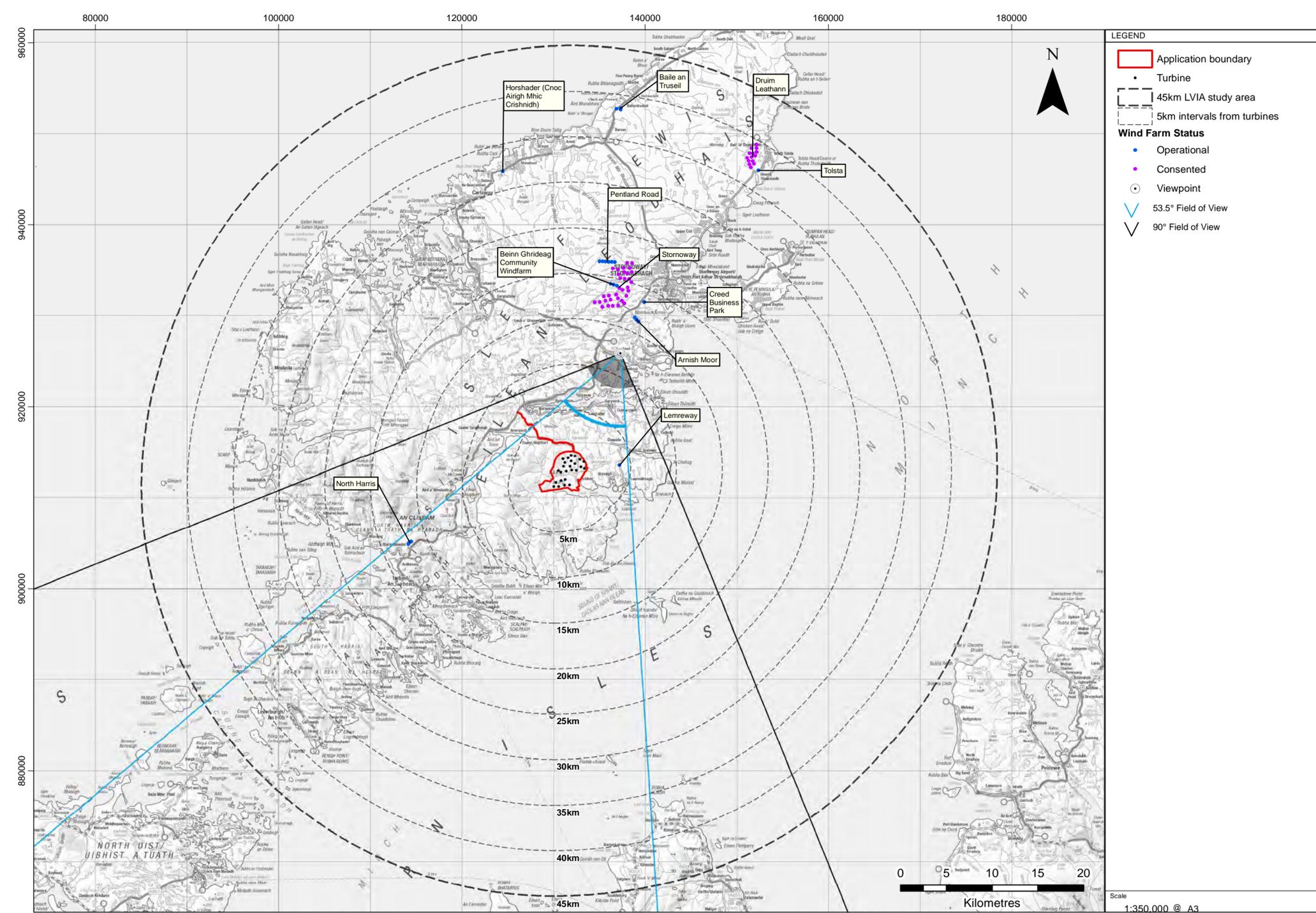
OS reference: 121033E 902967N  
AOD: 526.91 m  
Direction of view: 47°  
Nearest turbine: 12.21 km

Horizontal field of view: 53.5° (planar projection)  
Principal distance: 812.5 mm  
Paper size: 841 x 297 mm (half A1)  
Correct printed image size: 820 x 260 mm

Camera: NIKON D750  
Lens: 50mm Fixed Focal Length  
Camera height: 1.5 m

Photography Date: 23/03/2023  
Photography Time: 14:07

Uisenis Wind Farm  
Figure 7.21f  
Viewpoint 10: Todun



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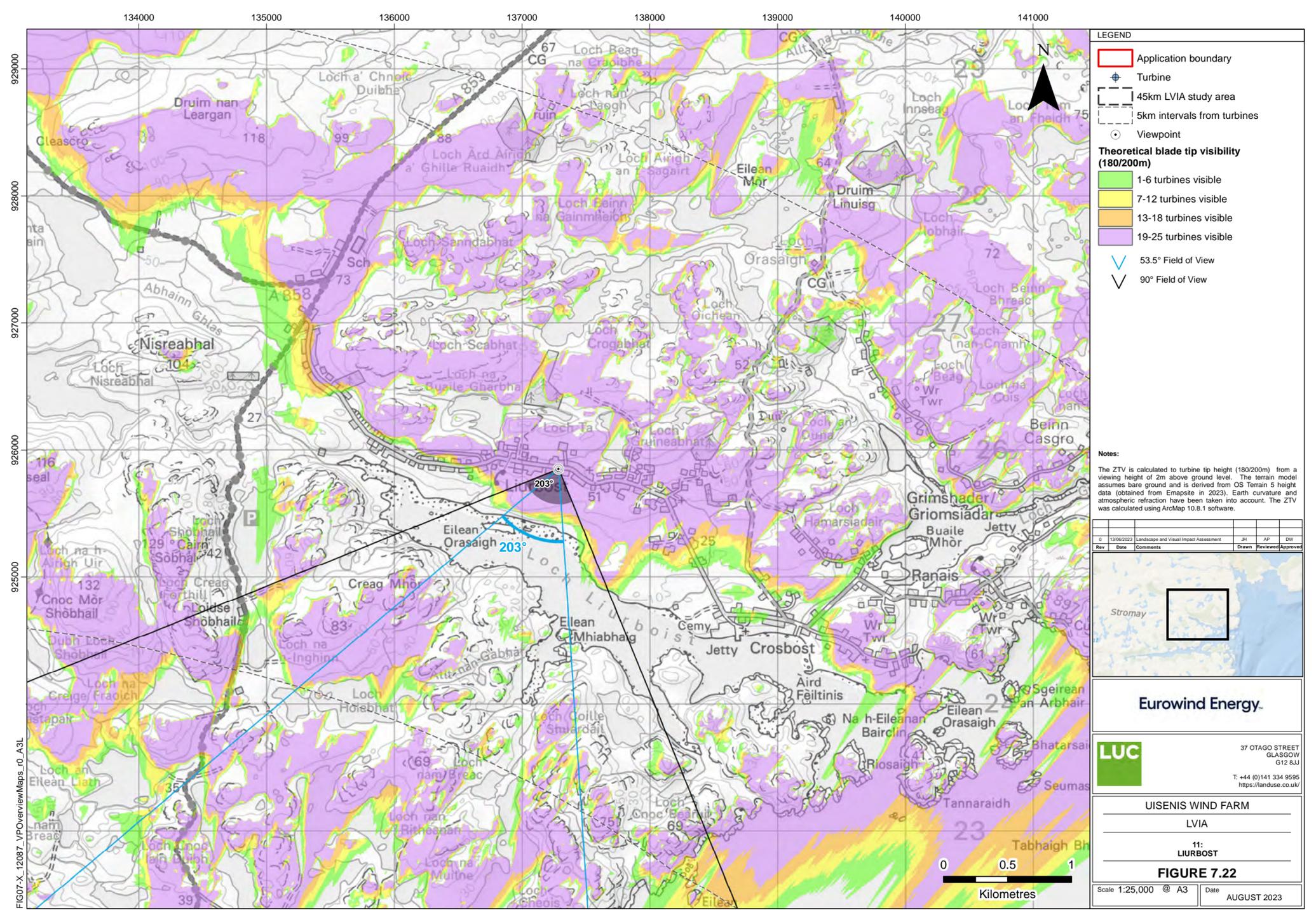


FIG07-X-12087\_VPOverviewMaps\_r0\_A3L

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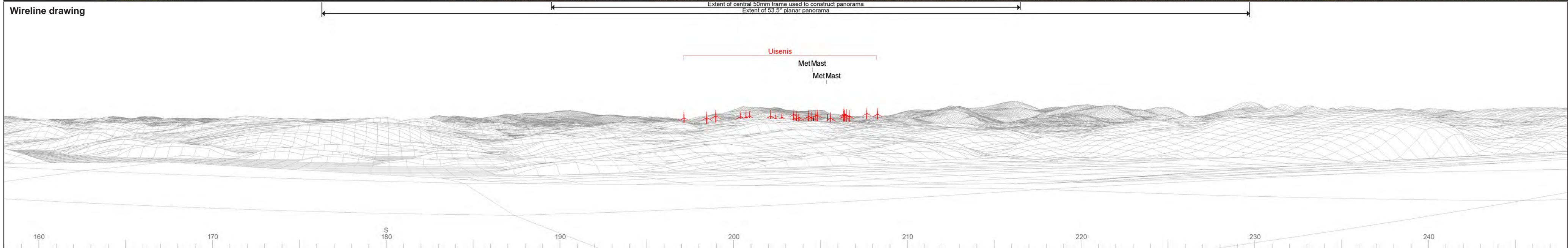
**UISENIS WIND FARM**

LVIA:

**11: LIURBOST**

**FIGURE 7.22**

Scale 1:25,000 @ A3 Date AUGUST 2023



OS reference: 137284E 925851N  
AOD: 45.75 m  
Direction of view: 203°  
Nearest turbine: 12.32 km

Horizontal field of view: 90° (cylindrical projection)  
Principal distance: 522 mm  
Paper size: 841 x 297 mm (half A1)  
Correct printed image size: 820 x 260 mm

Camera: NIKON D750  
Lens: 50mm Fixed Focal Length  
Camera height: 1.5 m

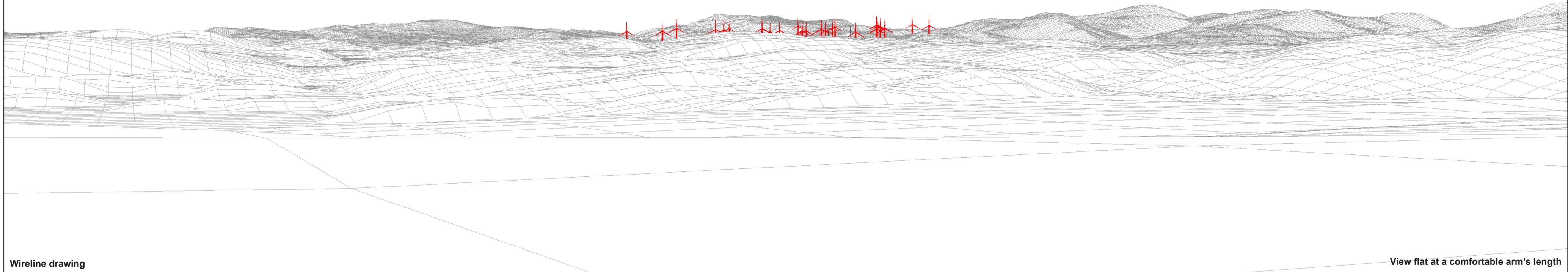
Photography Date: 23/03/2023  
Photography Time: 09:03

Wind Farm Developments key  
(by status):

Proposed scheme  
Operational  
Consented

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18 7 17 16 6 25 8 15 24 19 2 11 5 14 23 20 1 21 4 13 22 10 9 12 3



Wireline drawing

View flat at a comfortable arm's length

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OS reference:	137284E 925851N	Horizontal field of view:	53.5° (planar projection)
AOD:	45.75 m	Principal distance:	812.5 mm
Direction of view:	203°	Paper size:	841 x 297 mm (half A1)
Nearest turbine:	12.321 km	Correct printed image size:	820 x 260 mm

Wind Farm Developments key  
(by status):

Proposed scheme  
Operational

Notes:  
1) One turbine blade of T19-T25 to be painted black (see photomontage)  
2) Turbine lighting to be positioned on the nacelles of Turbines 1, 3, 7, 12, 18, 22, 25

Uisenis Wind Farm  
Figure 7.22b  
Viewpoint 11: Liurbost



Photomontage

View flat at a comfortable arm's length



OS reference: 137284E 925851N  
AOD: 45.75 m  
Direction of view: 203°  
Nearest turbine: 12.32 km

Horizontal field of view: 53.5° (planar projection)  
Principal distance: 812.5 mm  
Paper size: 841 x 297 mm (half A1)  
Correct printed image size: 820 x 260 mm

Camera: NIKON D750  
Lens: 50mm Fixed Focal Length  
Camera height: 1.5 m

Photography Date: 23/03/2023  
Photography Time: 09:03

Uisenis Wind Farm  
Figure 7.22c  
Viewpoint 11: Liurbost



Dusk Baseline Photograph



OS reference: 137282E 925845N  
AOD: 45.46 m  
Direction of view: 203°  
Nearest turbine: 12.31 km

Horizontal field of view: 53.5° (planar projection)  
Principal distance: 812.5 mm  
Paper size: 841 x 297 mm (half A1)  
Correct printed image size: 820 x 260 mm

Camera: NIKON D750  
Lens: 50mm Fixed Focal Length  
Camera height: 1.5 m

Photography Date: 28/02/2023  
Photography Time: 18:36  
Sunset Time: 17:53



Dusk Photomontage – 2000 candela aviation hub lighting shown on Turbines 1, 3, 7, 12, 18, 22, 25

View flat at a comfortable arm's length



OS reference: 137282E 925845N  
AOD: 45.46 m  
Direction of view: 203°  
Nearest turbine: 12.31 km

Horizontal field of view: 53.5° (planar projection)  
Principal distance: 812.5 mm  
Paper size: 841 x 297 mm (half A1)  
Correct printed image size: 820 x 260 mm

Camera: NIKON D750  
Lens: 50mm Fixed Focal Length  
Camera height: 1.5 m

Photography Date: 28/02/2023  
Photography Time: 18:36  
Sunset Time: 17:53

**Notes:**  
1) Nacelle lights modelled to 2000 candela value



Dusk Photomontage – 200 candela aviation hub lighting shown on Turbines 1, 3, 7, 12, 18, 22, 25

View flat at a comfortable arm's length



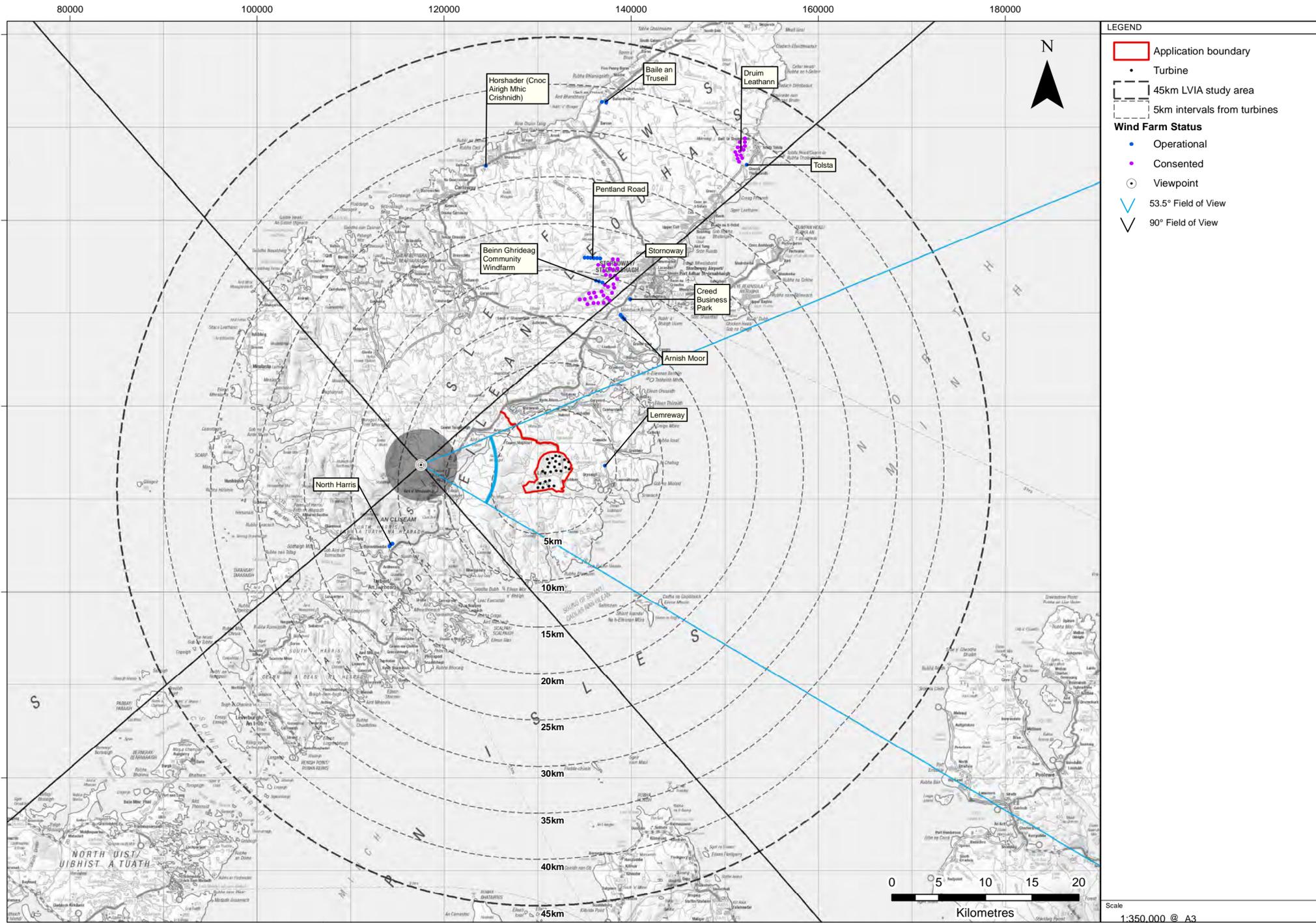
OS reference: 137282E 925845N  
AOD: 45.46 m  
Direction of view: 203°  
Nearest turbine: 12.31 km

Horizontal field of view: 53.5° (planar projection)  
Principal distance: 812.5 mm  
Paper size: 841 x 297 mm (half A1)  
Correct printed image size: 820 x 260 mm

Camera: NIKON D750  
Lens: 50mm Fixed Focal Length  
Camera height: 1.5 m

Photography Date: 28/02/2023  
Photography Time: 18:36  
Sunset Time: 17:53

**Notes:**  
1) Nacelle lights modelled to 200 candela value



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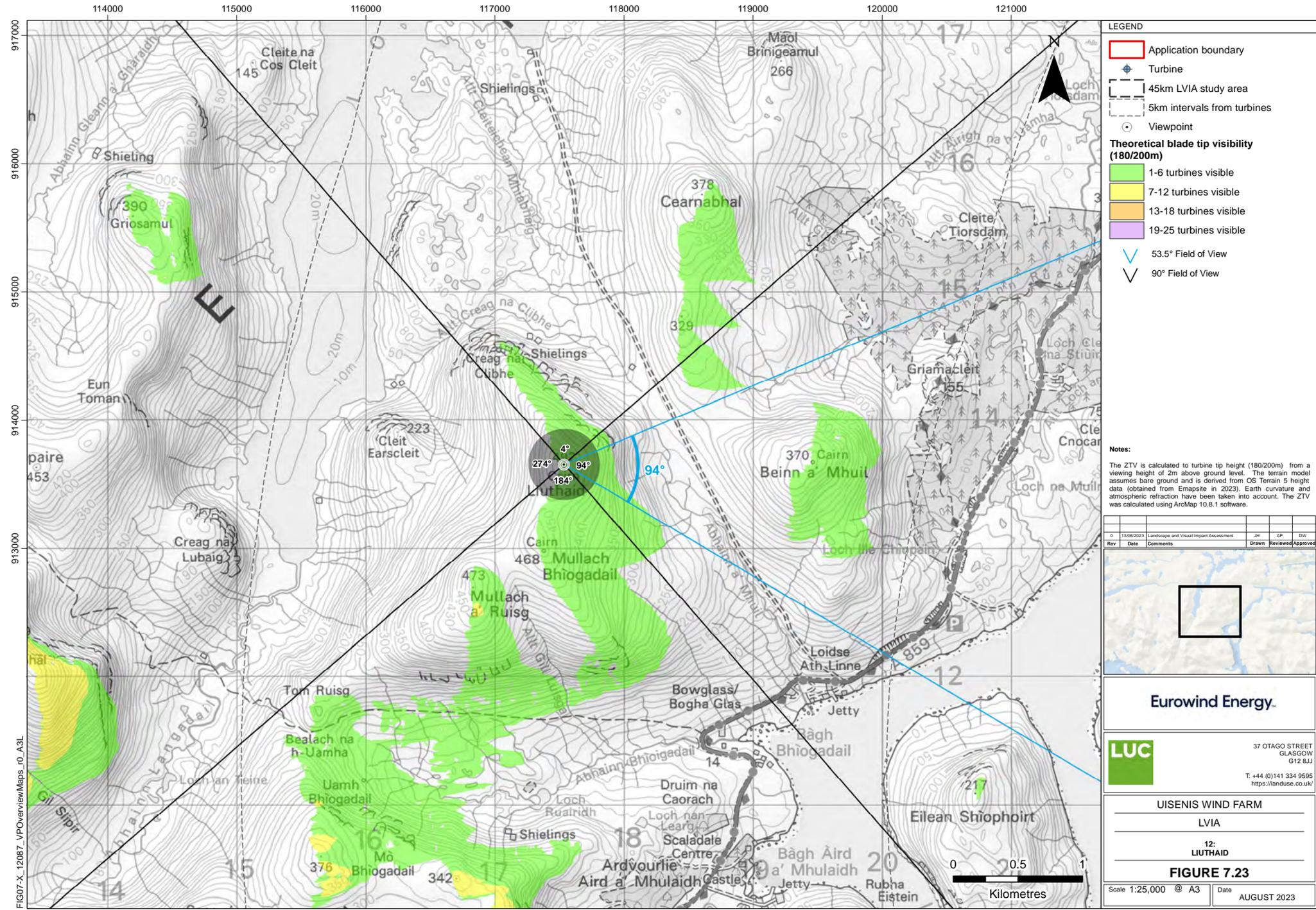


FIG07-X-12087\_VPOverviewMaps\_r0\_A3L

Notes:  
The ZTV is calculated to turbine tip height (180/200m) from a viewing height of 2m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 5 height data (obtained from Emapsite in 2023). Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcMap 10.8.1 software.

Rev	Date	Comments	JH	AP	DW
0	13/06/2023	Landscape and Visual Impact Assessment	JH	AP	DW

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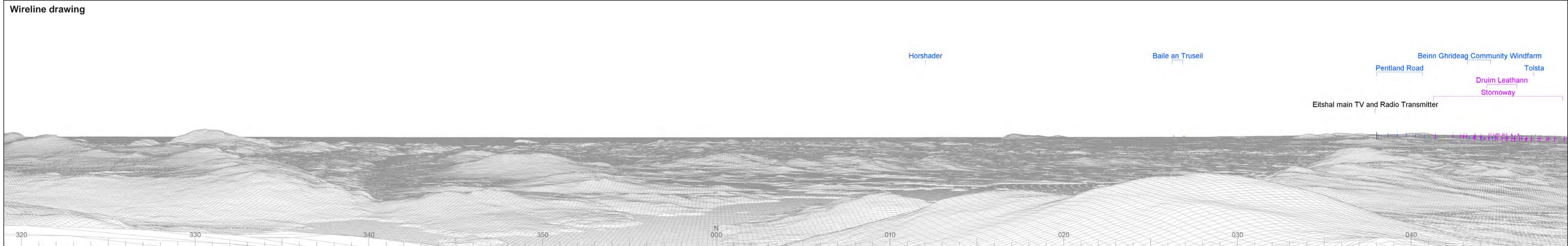
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**UISENIS WIND FARM**  
LVIA:  
**12: LUTHAID**

**FIGURE 7.23**

Scale 1:25,000 @ A3 Date AUGUST 2023

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OS reference: 117535E 913654N  
 AOD: 490.66 m  
 Direction of view: 4°  
 Nearest turbine: 12.73 km

Horizontal field of view: 90° (cylindrical projection)  
 Principal distance: 522 mm  
 Paper size: 841 x 297 mm (half A1)  
 Correct printed image size: 820 x 260 mm

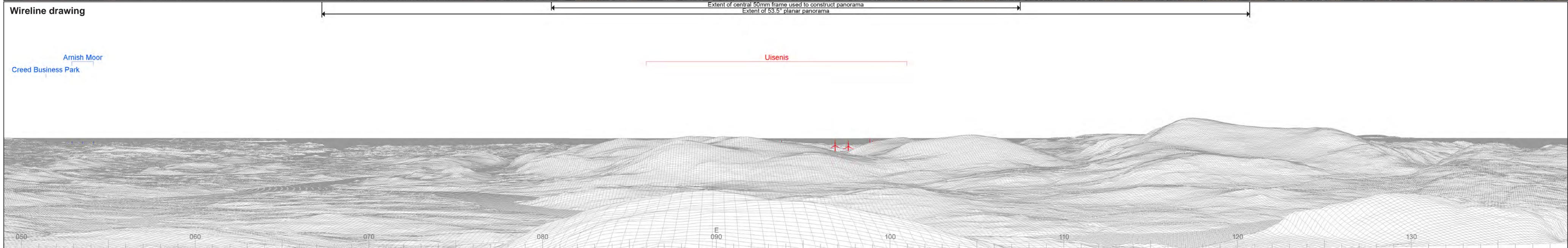
Camera: Sony ILCE-9  
 Lens: 50mm Fixed Focal Length  
 Camera height: 1.5 m

Photography Date: 27/02/2023  
 Photography Time: 13:34

Wind Farm Developments key  
 (by status):

Proposed scheme  
 Operational  
 Consented

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OS reference: 117535E 913654N  
AOD: 490.66 m  
Direction of view: 94°  
Nearest turbine: 12.73 km

Horizontal field of view: 90° (cylindrical projection)  
Principal distance: 522 mm  
Paper size: 841 x 297 mm (half A1)  
Correct printed image size: 820 x 260 mm

Camera: Sony ILCE-9  
Lens: 50mm Fixed Focal Length  
Camera height: 1.5 m

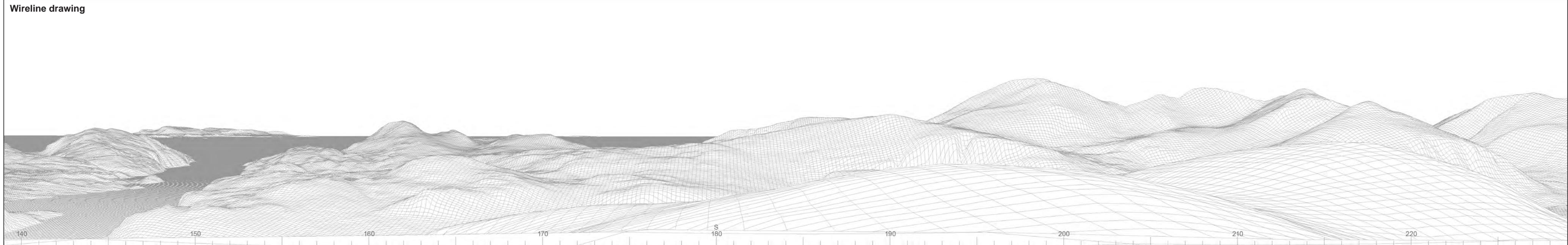
Photography Date: 27/02/2023  
Photography Time: 13:34

Wind Farm Developments key  
(by status):

Proposed scheme  
Operational  
Consented

Uisenis Wind Farm  
Figure 7.23b  
Viewpoint 12: Liuthaid

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OS reference: 117535E 913654N  
 AOD: 490.66 m  
 Direction of view: 184°  
 Nearest turbine: 12.73 km

Horizontal field of view: 90° (cylindrical projection)  
 Principal distance: 522 mm  
 Paper size: 841 x 297 mm (half A1)  
 Correct printed image size: 820 x 260 mm

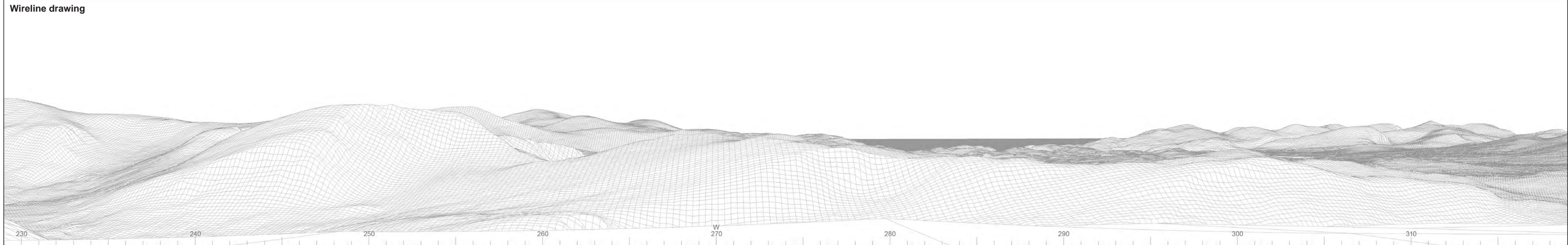
Camera: Sony ILCE-9  
 Lens: 50mm Fixed Focal Length  
 Camera height: 1.5 m

Photography Date: 27/02/2023  
 Photography Time: 13:34

Wind Farm Developments key  
 (by status):

Proposed scheme  
 Operational  
 Consented

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OS reference: 117535E 913654N  
 AOD: 490.66 m  
 Direction of view: 274°  
 Nearest turbine: 12.73 km

Horizontal field of view: 90° (cylindrical projection)  
 Principal distance: 522 mm  
 Paper size: 841 x 297 mm (half A1)  
 Correct printed image size: 820 x 260 mm

Camera: Sony ILCE-9  
 Lens: 50mm Fixed Focal Length  
 Camera height: 1.5 m

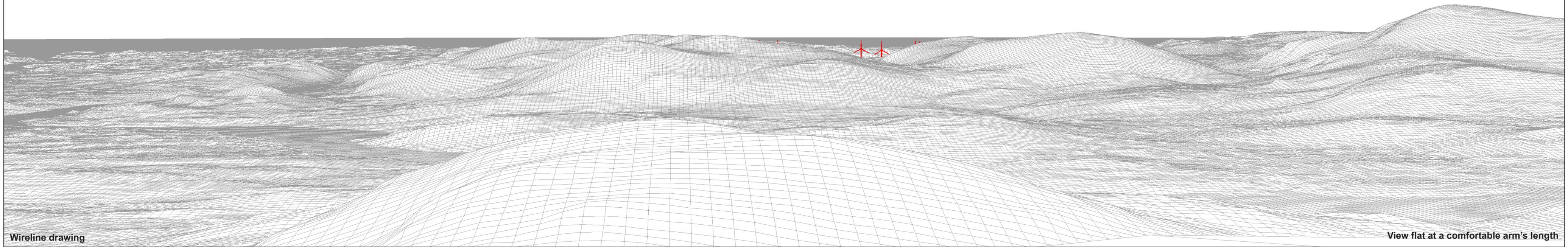
Photography Date: 27/02/2023  
 Photography Time: 13:34

Wind Farm Developments key  
 (by status):

Proposed scheme  
 Operational  
 Consented

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12 13 19 20 21 25



Wireline drawing

View flat at a comfortable arm's length

OS reference: 117535E 913654N  
 AOD: 490.66 m  
 Direction of view: 94°  
 Nearest turbine: 12.73 km

Horizontal field of view: 53.5° (planar projection)  
 Principal distance: 812.5 mm  
 Paper size: 841 x 297 mm (half A1)  
 Correct printed image size: 820 x 260 mm

Wind Farm Developments key  
 (by status):

Proposed scheme  
 Operational

Notes:  
 1) One turbine blade of T19-T25 to be painted black (see photomontage)  
 2) Turbine lighting to be positioned on the nacelles of Turbines 1, 3, 7, 12, 18, 22, 25



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Photomontage

View flat at a comfortable arm's length



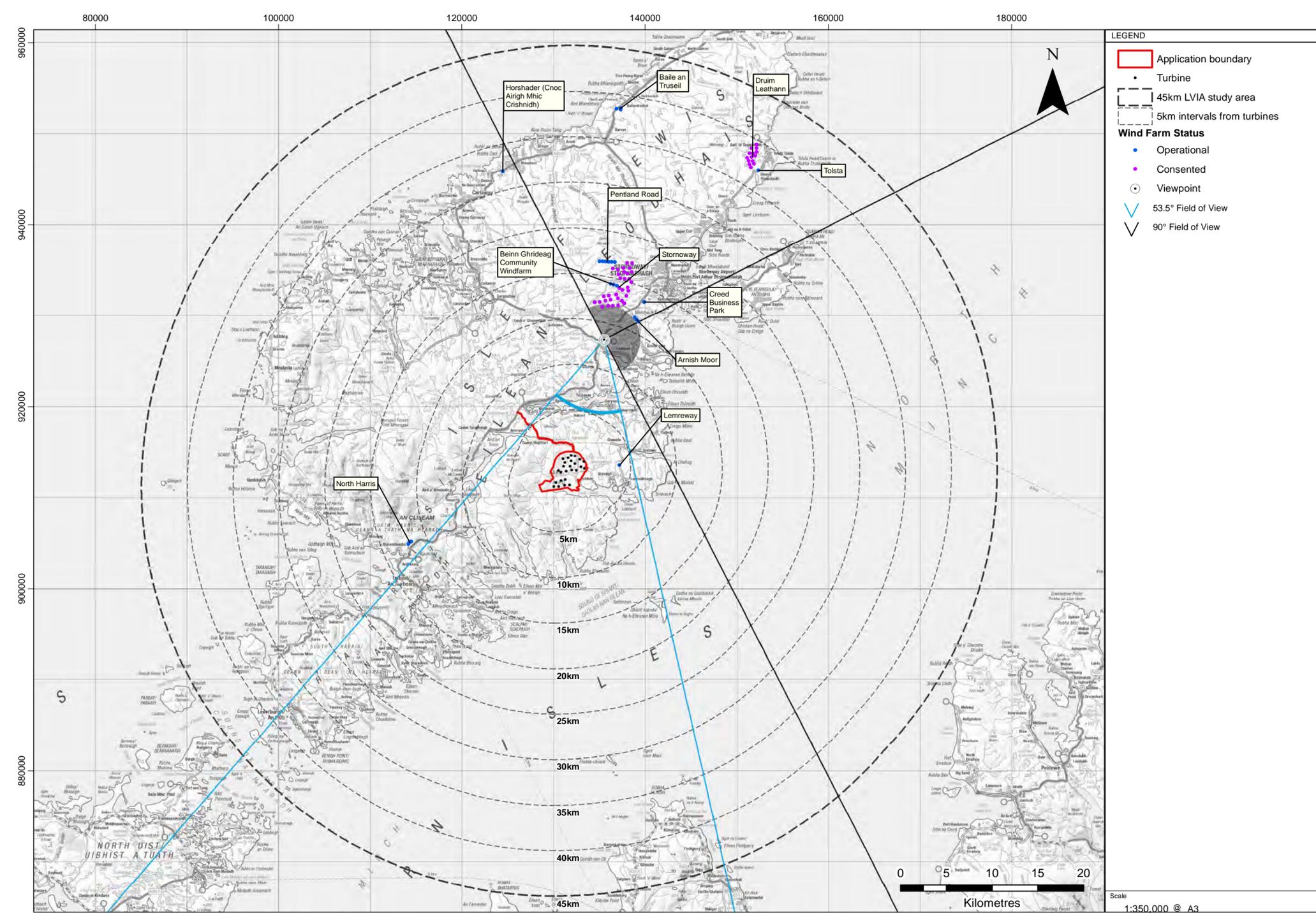
OS reference: 117535E 913654N  
AOD: 490.66 m  
Direction of view: 94°  
Nearest turbine: 12.73 km

Horizontal field of view: 53.5° (planar projection)  
Principal distance: 812.5 mm  
Paper size: 841 x 297 mm (half A1)  
Correct printed image size: 820 x 260 mm

Camera: Sony ILCE-9  
Lens: 50mm Fixed Focal Length  
Camera height: 1.5 m

Photography Date: 27/02/2023  
Photography Time: 13:34

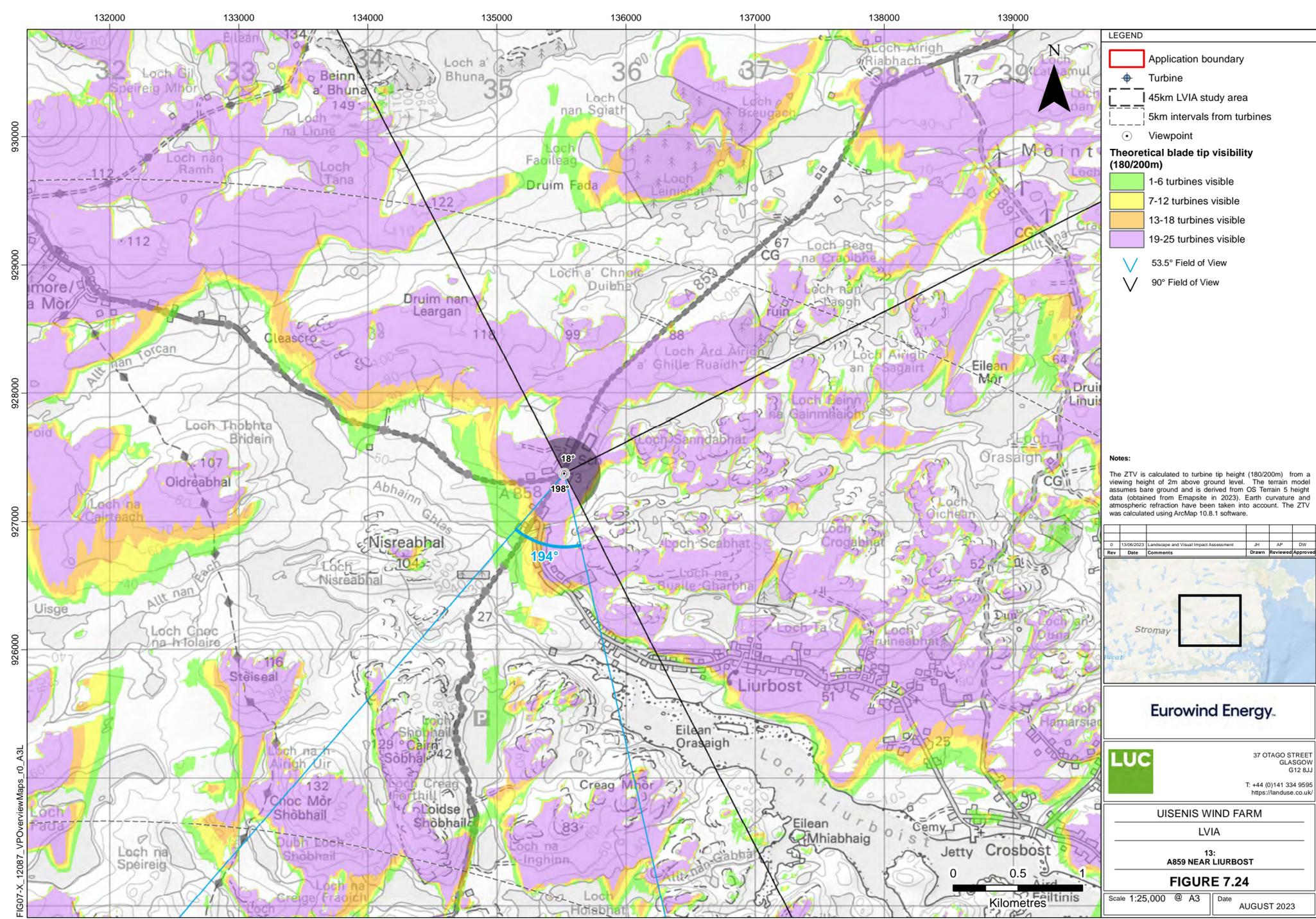
Uisenis Wind Farm  
Figure 7.23f  
Viewpoint 12: Liuthaid



- LEGEND**
- Application boundary
  - Turbine
  - 45km LVIA study area
  - 5km intervals from turbines
- Wind Farm Status**
- Operational
  - Consented
  - Viewpoint
  - ∠ 53.5° Field of View
  - ∠ 90° Field of View

Scale 1:350,000 @ A3

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- LEGEND**
- Application boundary
  - Turbine
  - 45km LVIA study area
  - 5km intervals from turbines
  - Viewpoint
- Theoretical blade tip visibility (180/200m)**
- 1-6 turbines visible
  - 7-12 turbines visible
  - 13-18 turbines visible
  - 19-25 turbines visible
  - ∠ 53.5° Field of View
  - ∠ 90° Field of View

**Notes:**  
The ZTV is calculated to turbine tip height (180/200m) from a viewing height of 2m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 5 height data (obtained from Emapsite in 2023). Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcMap 10.8.1 software.

Rev	Date	Comments	JH	AP	DW
0	13/06/2023	Landscape and Visual Impact Assessment	JH	AP	DW



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**UISENIS WIND FARM**  
LVIA  
13:  
A859 NEAR LIURBOST  
**FIGURE 7.24**  
Scale 1:25,000 @ A3 Date AUGUST 2023

FIG07-X-12087\_VPOverviewMaps\_r0\_A3L

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Baseline photograph

This image provides landscape and visual context only

Wireline drawing



OS reference: 135520E 927373N  
 AOD: 72.44 m  
 Direction of view: 18°  
 Nearest turbine: 13.20 km

Horizontal field of view: 90° (cylindrical projection)  
 Principal distance: 522 mm  
 Paper size: 841 x 297 mm (half A1)  
 Correct printed image size: 820 x 260 mm

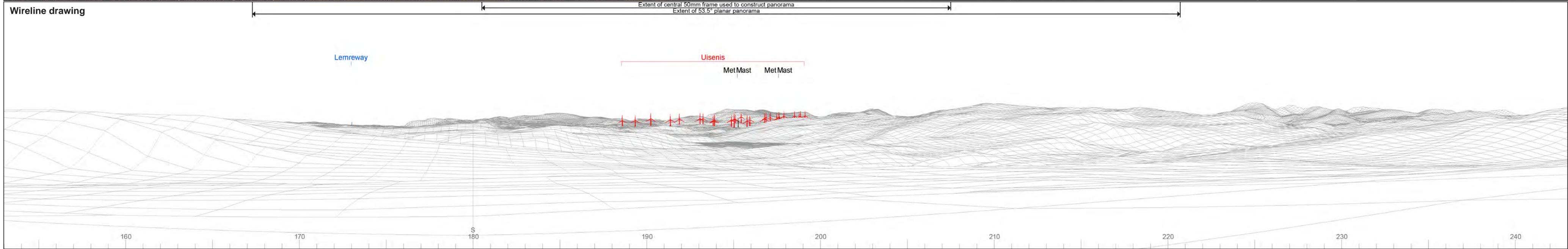
Camera: Sony ILCE-9  
 Lens: 50mm Fixed Focal Length  
 Camera height: 1.5 m

Photography Date: 27/02/2023  
 Photography Time: 16:56

Wind Farm Developments key  
 (by status):

Proposed scheme  
 Operational  
 Consented

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OS reference: 135520E 927373N  
 AOD: 72.44 m  
 Direction of view: 198°  
 Nearest turbine: 13.20 km

Horizontal field of view: 90° (cylindrical projection)  
 Principal distance: 522 mm  
 Paper size: 841 x 297 mm (half A1)  
 Correct printed image size: 820 x 260 mm

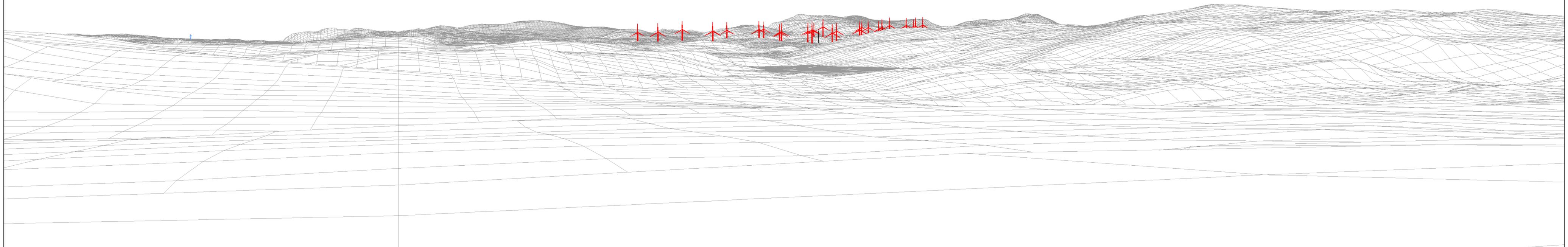
Camera: Sony ILCE-9  
 Lens: 50mm Fixed Focal Length  
 Camera height: 1.5 m

Photography Date: 27/02/2023  
 Photography Time: 16:56

Wind Farm Developments key  
 (by status):  
 Proposed scheme  
 Operational  
 Consented

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18 7 17 6 16 8 25 15 2 11 5 24 19 1 14 4 20 23 9 10 13 21 22 3 12



Wireline drawing

View flat at a comfortable arm's length

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OS reference:	135520E 927373N	Horizontal field of view:	53.5° (planar projection)
AOD:	72.44 m	Principal distance:	812.5 mm
Direction of view:	194°	Paper size:	841 x 297 mm (half A1)
Nearest turbine:	13.20 km	Correct printed image size:	820 x 260 mm

Wind Farm Developments key  
(by status):

Proposed scheme  
Operational

Notes:  
1) One turbine blade of T19-T25 to be painted black (see photomontage)  
2) Turbine lighting to be positioned on the nacelles of Turbines 1, 3, 7, 12, 18, 22, 25

Uisenis Wind Farm  
Figure 7.24c  
Viewpoint 13: A859 near Liurbost



Photomontage

View flat at a comfortable arm's length



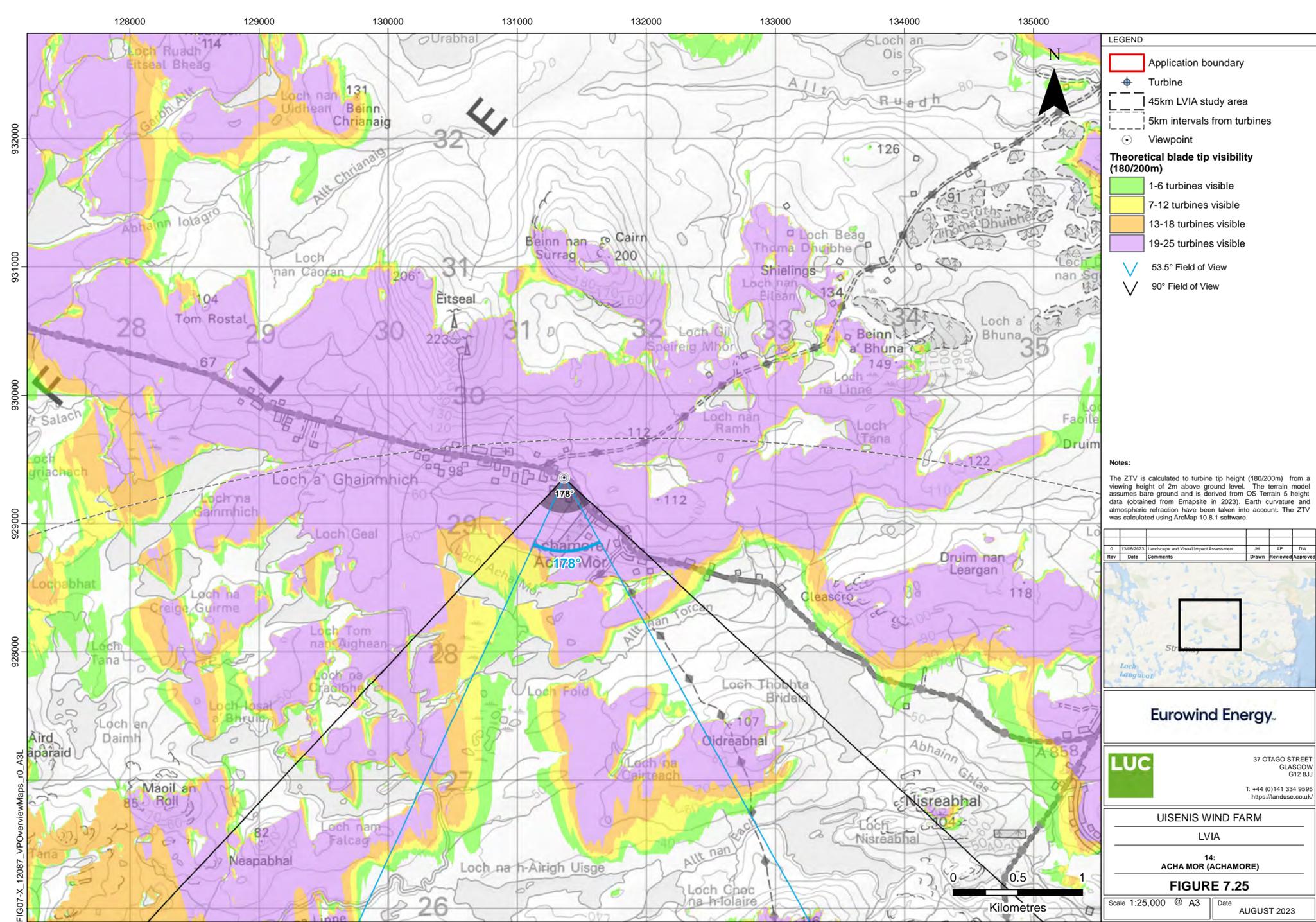
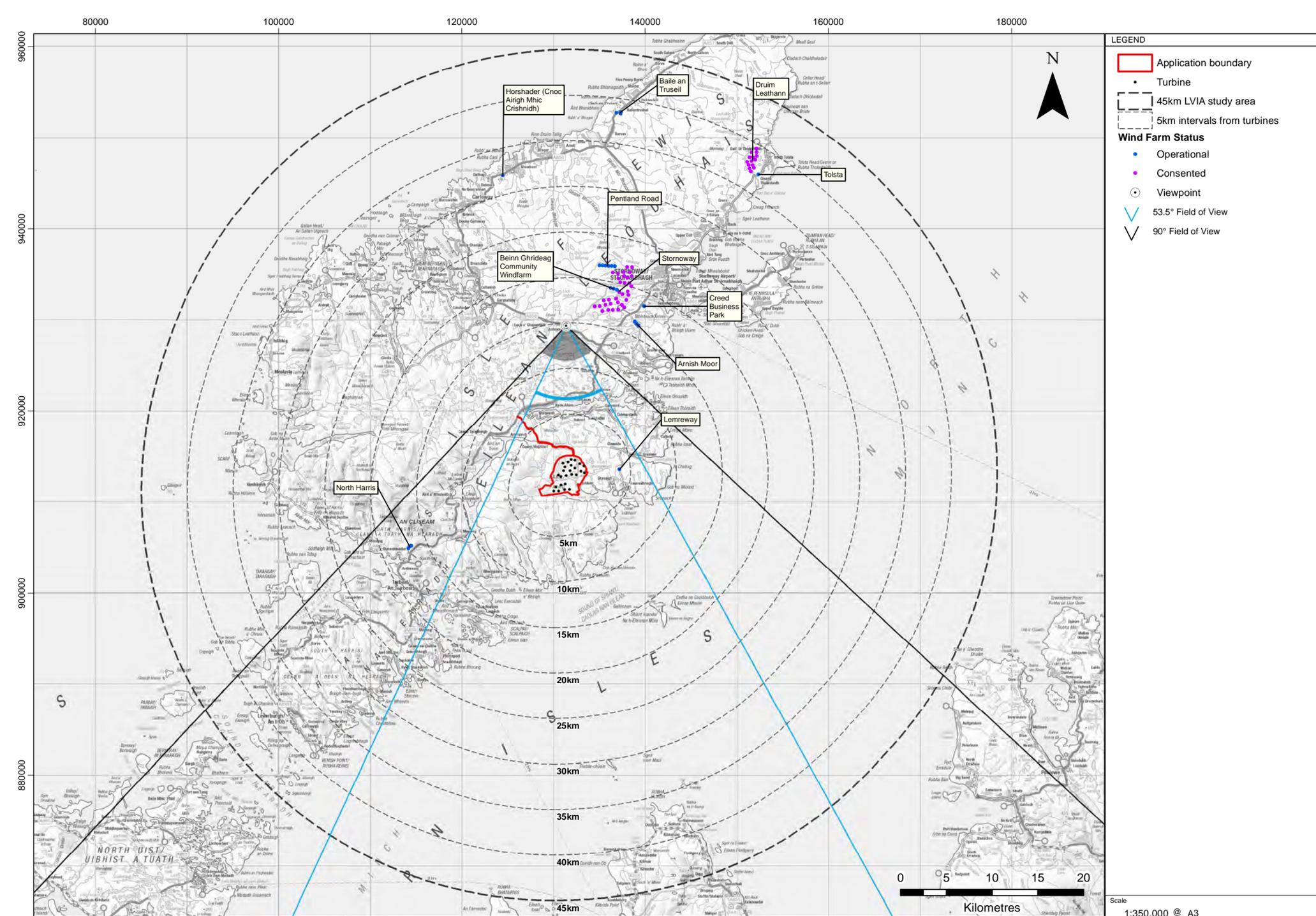
OS reference: 135520E 927373N  
AOD: 72.44 m  
Direction of view: 194°  
Nearest turbine: 13.20 km

Horizontal field of view: 53.5° (planar projection)  
Principal distance: 812.5 mm  
Paper size: 841 x 297 mm (half A1)  
Correct printed image size: 820 x 260 mm

Camera: Sony ILCE-9  
Lens: 50mm Fixed Focal Length  
Camera height: 1.5 m

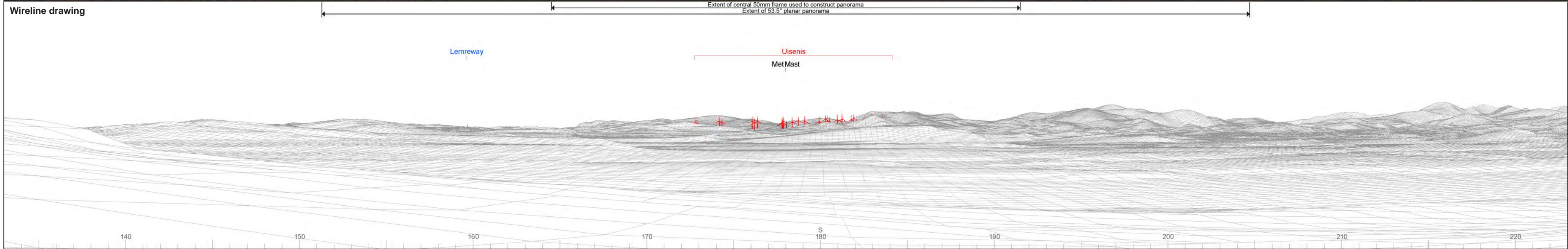
Photography Date: 27/02/2023  
Photography Time: 16:56

Uisenis Wind Farm  
Figure 7.24d  
Viewpoint 13: A859 near Liurbost



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OS reference: 131363E 929357N  
AOD: 93.28 m  
Direction of view: 178°  
Nearest turbine: 14.70 km

Horizontal field of view: 90° (cylindrical projection)  
Principal distance: 522 mm  
Paper size: 841 x 297 mm (half A1)  
Correct printed image size: 820 x 260 mm

Camera: Sony ILCE-9  
Lens: 50mm Fixed Focal Length  
Camera height: 1.5 m

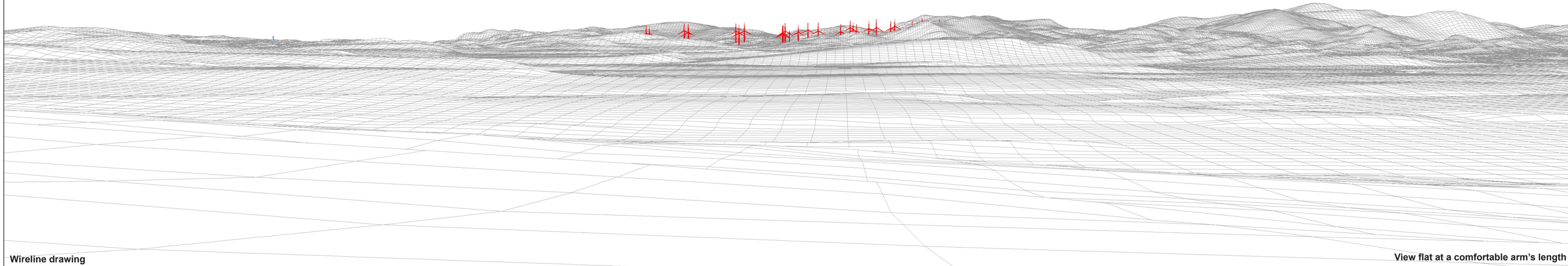
Photography Date: 27/02/2023  
Photography Time: 16:39

Wind Farm Developments key  
(by status):

Proposed scheme  
Operational  
Consented

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7 18 17 6 16 2 8 1 15 5 11 25 4 14 19 9 24 10 3 20 13 23 12 21



Wireline drawing

Viewpoint 14: Acha Mor (Achamore)



OS reference: 131363E 929357N  
 AOD: 93.28 m  
 Direction of view: 178°  
 Nearest turbine: 14.70 km

Horizontal field of view: 53.5° (planar projection)  
 Principal distance: 812.5 mm  
 Paper size: 841 x 297 mm (half A1)  
 Correct printed image size: 820 x 260 mm

Wind Farm Developments key  
 (by status):  
 Proposed scheme  
 Operational

Notes:  
 1) One turbine blade of T19-T25 to be painted black (see photomontage)  
 2) Turbine lighting to be positioned on the nacelles of Turbines 1, 3, 7, 12, 18, 22, 25

Uisenis Wind Farm  
 Figure 7.25b  
 Viewpoint 14: Acha Mor (Achamore)

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Photomontage

View flat at a comfortable arm's length



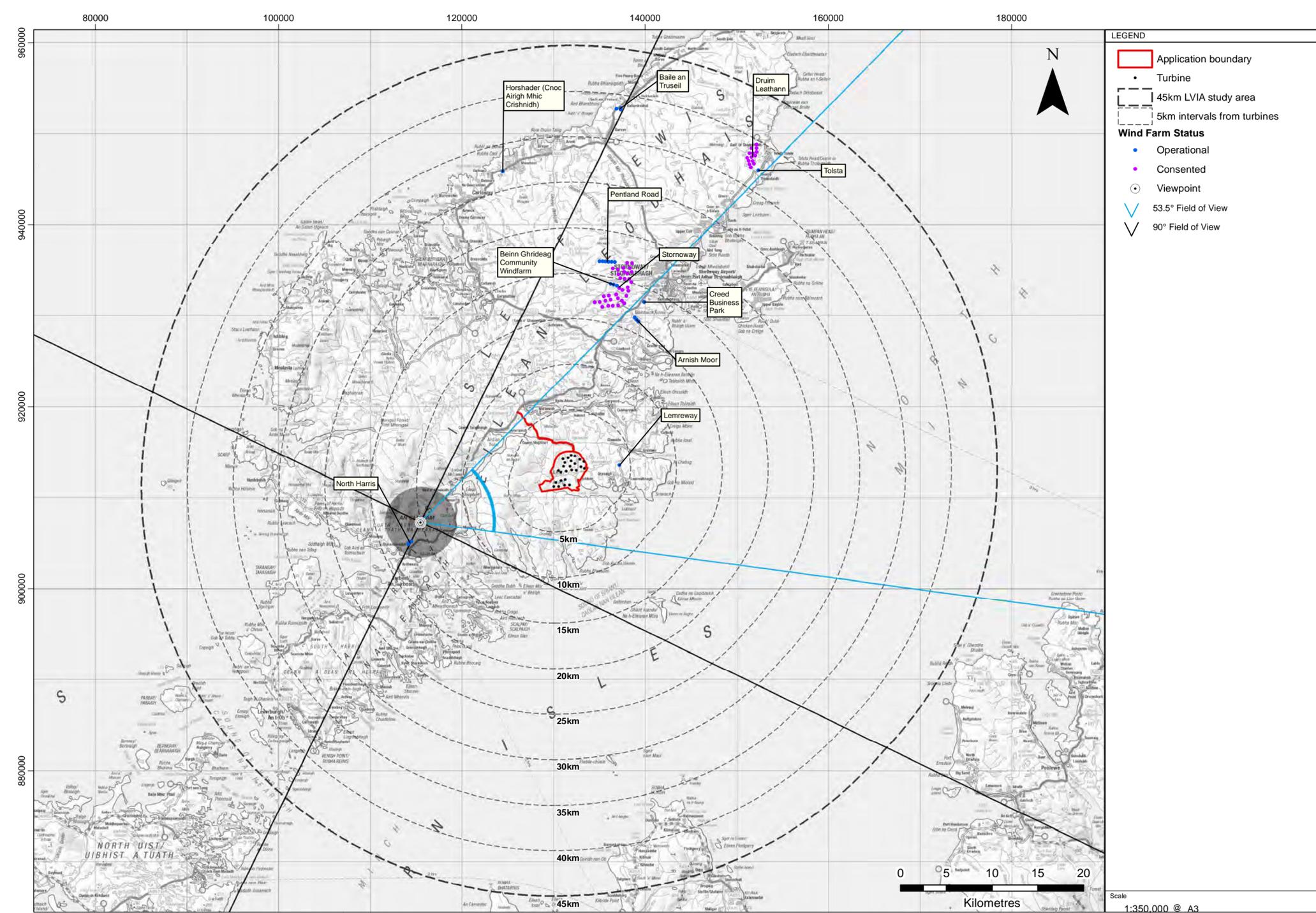
OS reference: 131363E 929357N  
AOD: 93.28 m  
Direction of view: 178°  
Nearest turbine: 14.70 km

Horizontal field of view: 53.5° (planar projection)  
Principal distance: 812.5 mm  
Paper size: 841 x 297 mm (half A1)  
Correct printed image size: 820 x 260 mm

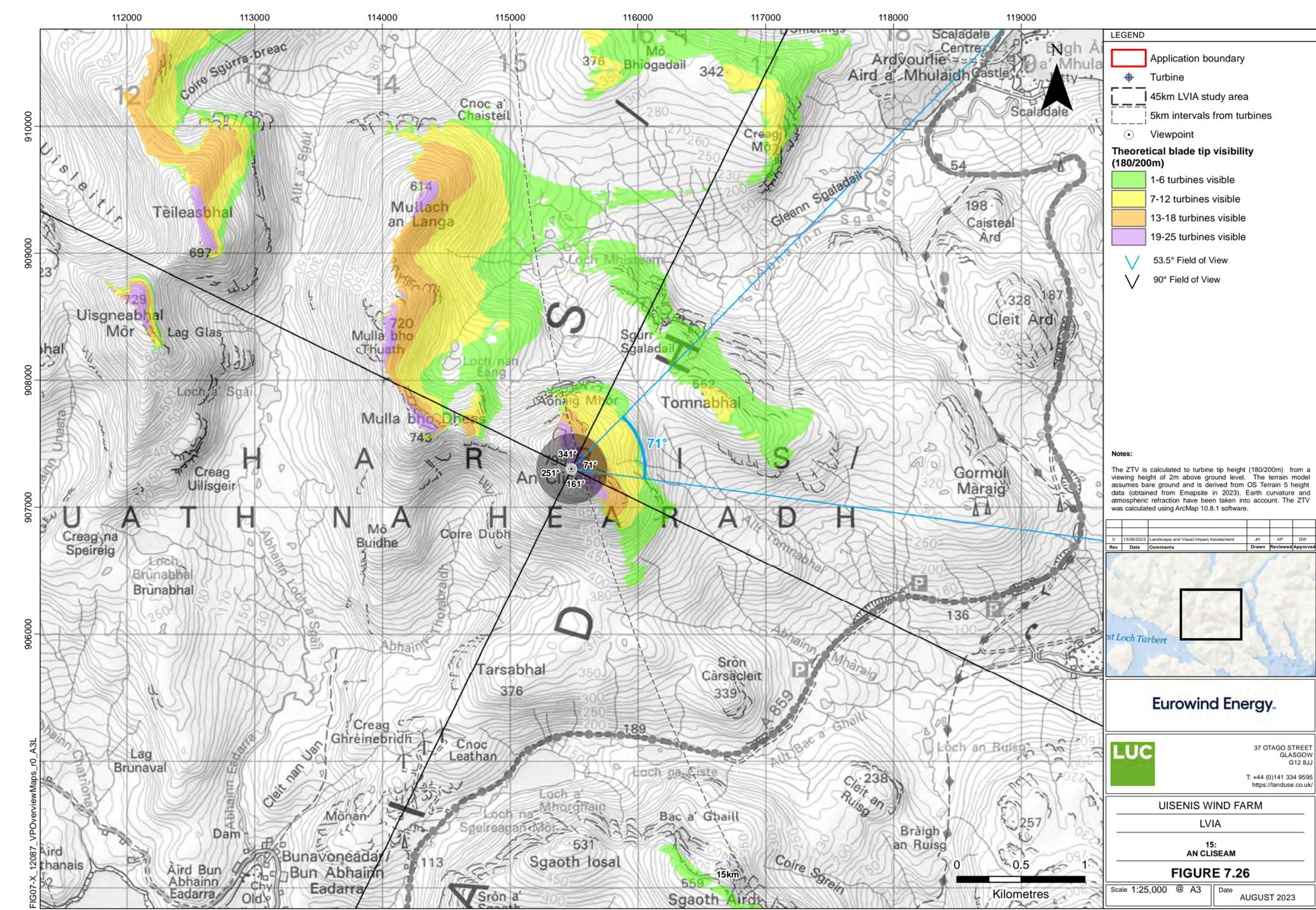
Camera: Sony ILCE-9  
Lens: 50mm Fixed Focal Length  
Camera height: 1.5 m

Photography Date: 27/02/2023  
Photography Time: 16:39

Uisenis Wind Farm  
Figure 7.25c  
Viewpoint 14: Acha Mor (Achamore)



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**Notes:**  
The ZTV is calculated to turbine tip height (180/200m) from a viewing height of 2m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 5 height data (obtained from Emapsite in 2023). Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcMap 10.8.1 software.

Rev	Date	Comments	JH	AP	DW
0	13/06/2023	Landscape and Visual Impact Assessment			
			Drawn	Reviewed	Approved



**Eurowind Energy.**

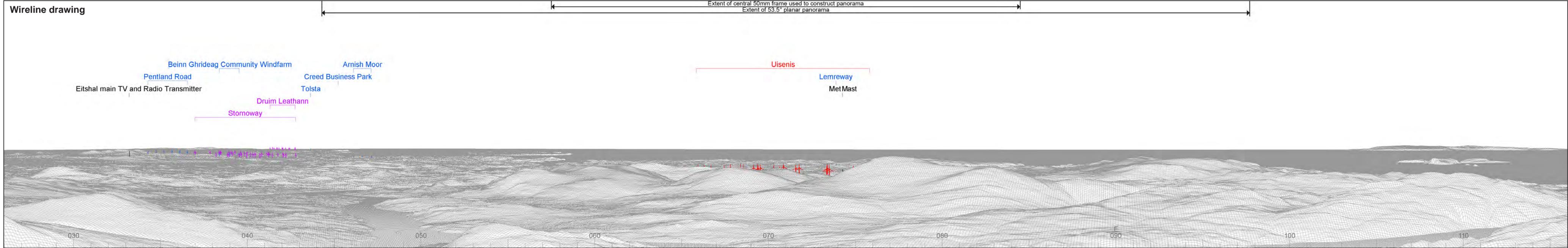
**LUC** 37 OTAGO STREET  
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G12 8JJ  
T: +44 (0)141 334 9595  
https://landuse.co.uk/

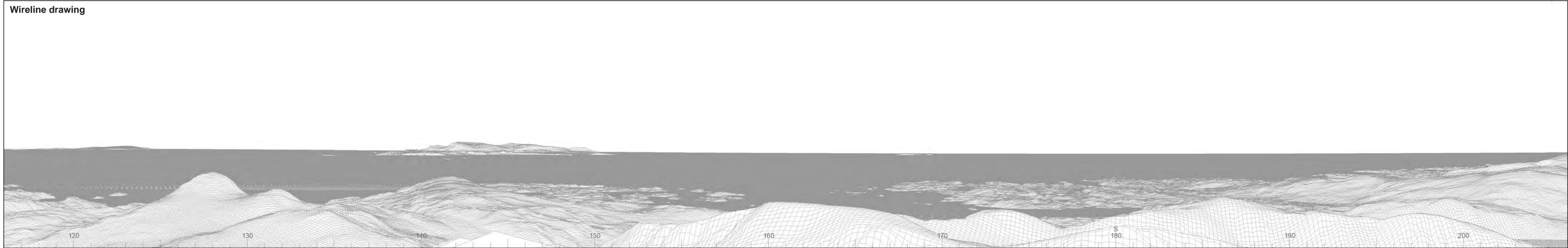
**UISENIS WIND FARM**  
LVIA:  
15:  
AN CLISEAM

**FIGURE 7.26**

Scale 1:25,000 @ A3 Date AUGUST 2023

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OS reference: 115481E 907302N  
 AOD: 797.92 m  
 Direction of view: 161°  
 Nearest turbine: 15.07 km

Horizontal field of view: 90° (cylindrical projection)  
 Principal distance: 522 mm  
 Paper size: 841 x 297 mm (half A1)  
 Correct printed image size: 820 x 260 mm

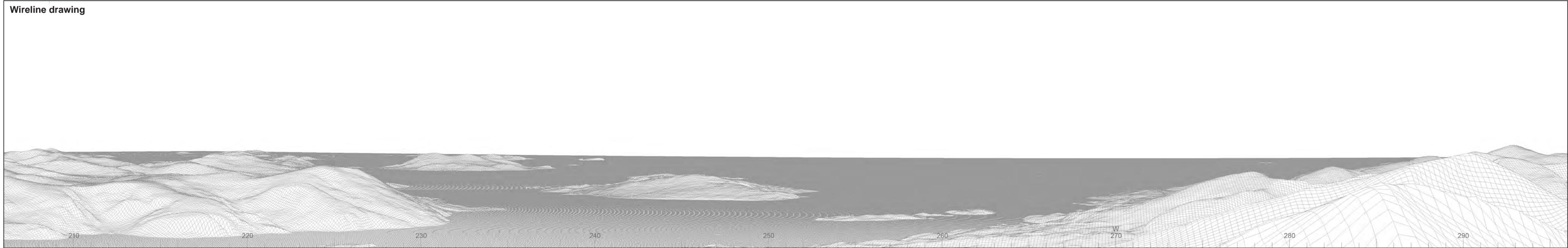
Camera: Sony ILCE-9  
 Lens: 50mm Fixed Focal Length  
 Camera height: 1.5 m

Photography Date: 11/04/2023  
 Photography Time: 15:19

Wind Farm Developments key  
 (by status):

Proposed scheme  
 Operational  
 Consented

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OS reference: 115481E 907302N  
 AOD: 797.92 m  
 Direction of view: 251°  
 Nearest turbine: 15.07 km

Horizontal field of view: 90° (cylindrical projection)  
 Principal distance: 522 mm  
 Paper size: 841 x 297 mm (half A1)  
 Correct printed image size: 820 x 260 mm

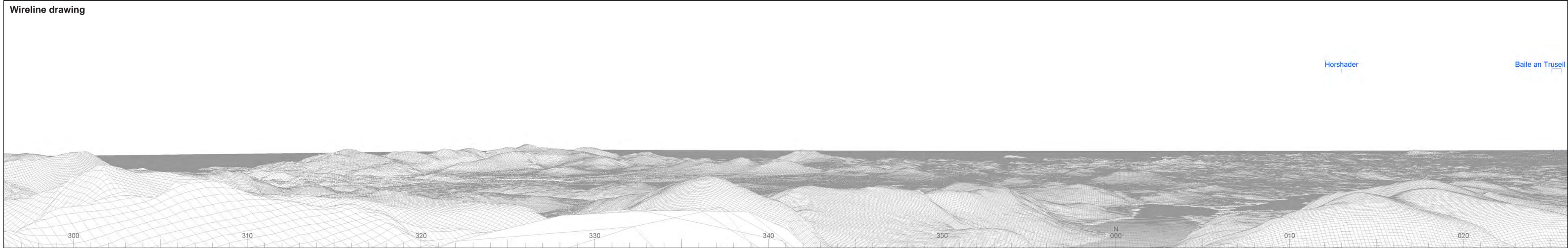
Camera: Sony ILCE-9  
 Lens: 50mm Fixed Focal Length  
 Camera height: 1.5 m

Photography Date: 11/04/2023  
 Photography Time: 15:19

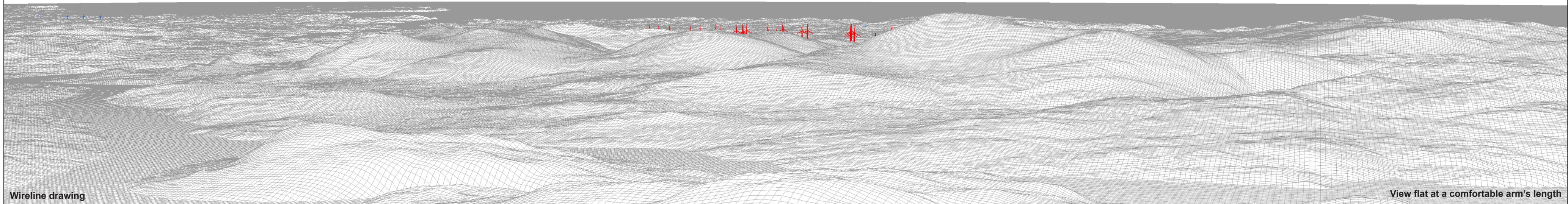
Wind Farm Developments key  
 (by status):

Proposed scheme  
 Operational  
 Consented

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1 3 4 2 9 5 6 10 8 12 11 7 13 14 17 15 16 18 20 19 21 22



Wireline drawing

View flat at a comfortable arm's length

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OS reference:	115481E 907302N	Horizontal field of view:	53.5° (planar projection)
AOD:	797.92 m	Principal distance:	812.5 mm
Direction of view:	71°	Paper size:	841 x 297 mm (half A1)
Nearest turbine:	15.07 km	Correct printed image size:	820 x 260 mm

Wind Farm Developments key  
(by status):

Proposed scheme  
Operational

Notes:  
1) One turbine blade of T19-T25 to be painted black (see photomontage)  
2) Turbine lighting to be positioned on the nacelles of Turbines 1, 3, 7, 12, 18, 22, 25



Photomontage

View flat at a comfortable arm's length



OS reference: 11548E 907302N  
AOD: 797.92 m  
Direction of view: 71°  
Nearest turbine: 15.07 km

Horizontal field of view: 53.5° (planar projection)  
Principal distance: 812.5 mm  
Paper size: 841 x 297 mm (half A1)  
Correct printed image size: 820 x 260 mm

Camera: Sony ILCE-9  
Lens: 50mm Fixed Focal Length  
Camera height: 1.5 m

Photography Date: 11/04/2023  
Photography Time: 15:19

Uisenis Wind Farm  
Figure 7.26f  
Viewpoint 15: An Cliseam



Dusk Baseline Photograph



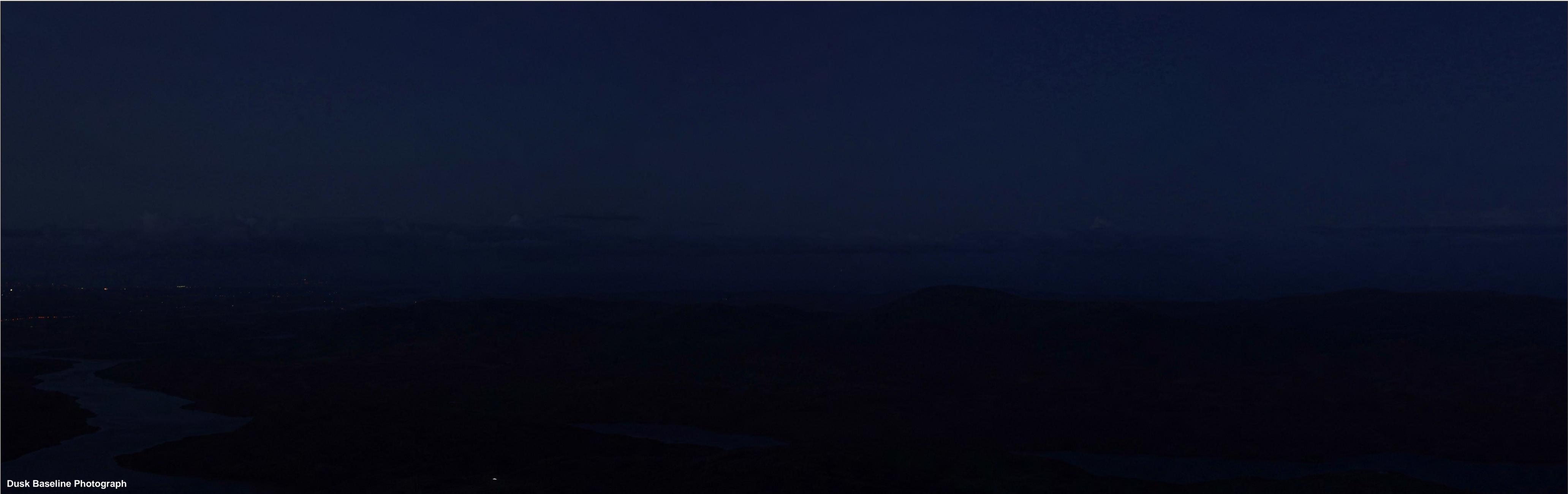
OS reference: 115489E 907292N  
AOD: 794.82m  
Direction of view: 17.5°  
Nearest turbine: 15.07 km

Horizontal field of view: 53.5° (planar projection)  
Principal distance: 812.5 mm  
Paper size: 841 x 297 mm (half A1)  
Correct printed image size: 820 x 260 mm

Camera: Sony ILCE-9  
Lens: 50mm Fixed Focal Length  
Camera height: 1.5 m

Photography Date: 11/04/2023  
Photography Time: 20:58  
Sunset Time: 20:30

**Notes:**  
1) Dusk baseline photography for this view direction provided to show existing 2,000 candela aviation lighting on the Eitshal main TV and Radio Transmitter mast and Beinn Ghrideag Community Wind Farm



Dusk Baseline Photograph



OS reference: 115489E 907292N  
AOD: 794.82m  
Direction of view: 71°  
Nearest turbine: 15.07 km

Horizontal field of view: 53.5° (planar projection)  
Principal distance: 812.5 mm  
Paper size: 841 x 297 mm (half A1)  
Correct printed image size: 820 x 260 mm

Camera: Sony ILCE-9  
Lens: 50mm Fixed Focal Length  
Camera height: 1.5 m

Photography Date: 11/04/2023  
Photography Time: 20:58  
Sunset Time: 20:30



Dusk Photomontage – 2000 candela aviation hub lighting shown on Turbines 1, 3, 7, 12, 18, 22, 25

View flat at a comfortable arm's length



OS reference: 115489E 907292N  
AOD: 794.82m  
Direction of view: 71°  
Nearest turbine: 15.07 km

Horizontal field of view: 53.5° (planar projection)  
Principal distance: 812.5 mm  
Paper size: 841 x 297 mm (half A1)  
Correct printed image size: 820 x 260 mm

Camera: Sony ILCE-9  
Lens: 50mm Fixed Focal Length  
Camera height: 1.5 m

Photography Date: 11/04/2023  
Photography Time: 20:58  
Sunset Time: 20:30

**Notes:**  
1) Nacelle lights modelled to 2000 candela value



Dusk Photomontage – 200 candela aviation hub lighting shown on Turbines 1, 3, 7, 12, 18, 22, 25

View flat at a comfortable arm's length



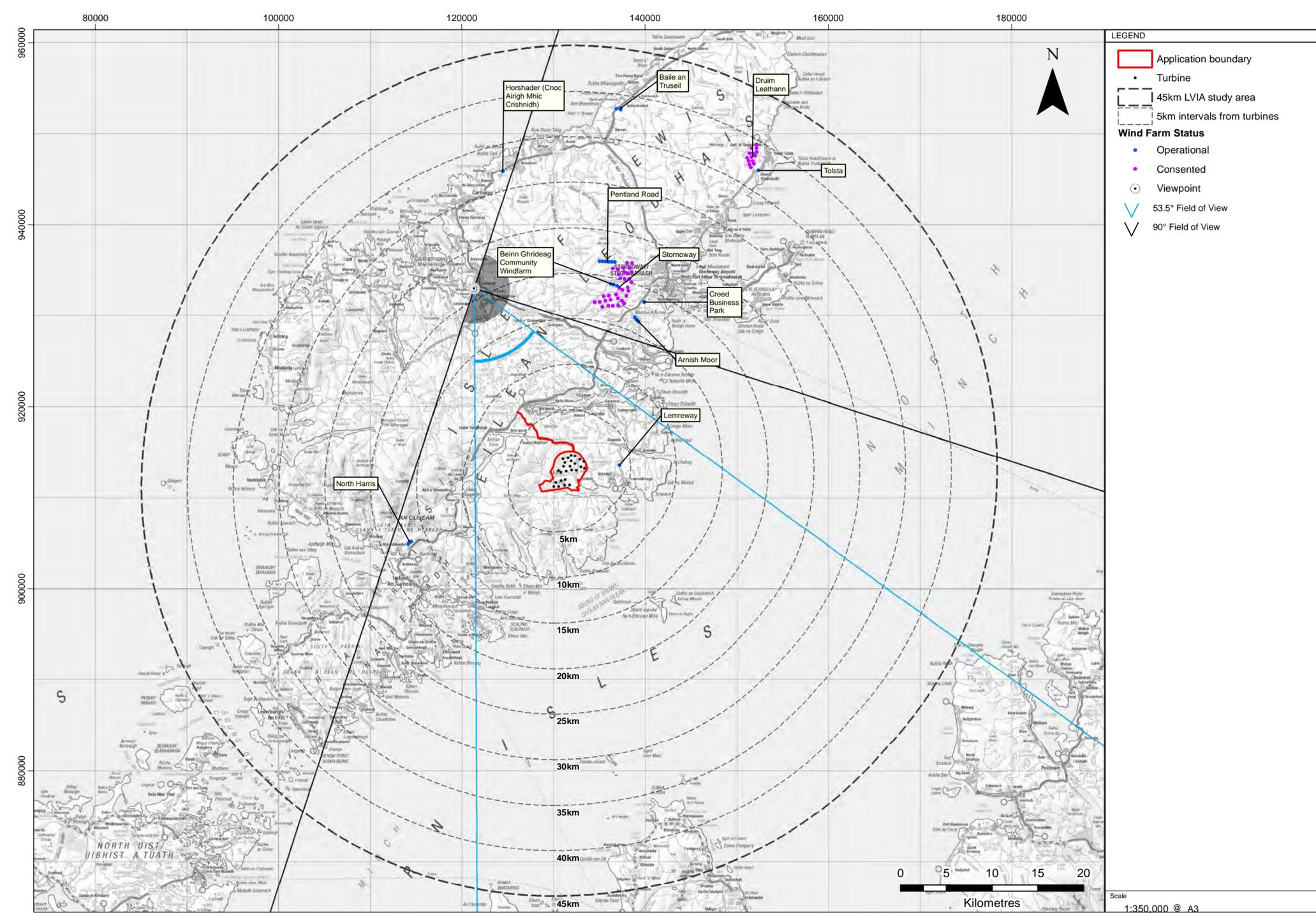
OS reference: 115489E 907292N  
AOD: 794.82m  
Direction of view: 71°  
Nearest turbine: 15.07 km

Horizontal field of view: 53.5° (planar projection)  
Principal distance: 812.5 mm  
Paper size: 841 x 297 mm (half A1)  
Correct printed image size: 820 x 260 mm

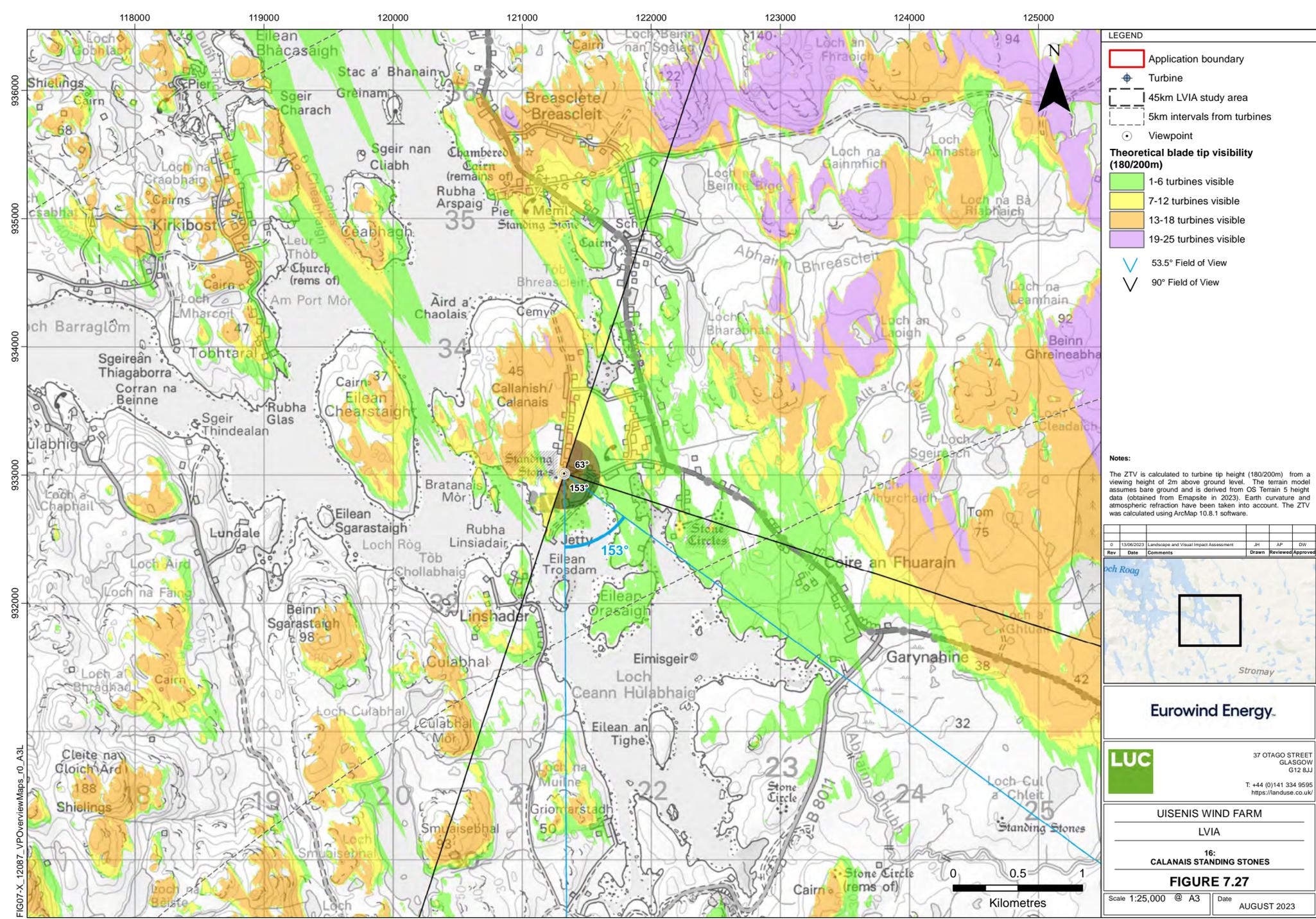
Camera: Sony ILCE-9  
Lens: 50mm Fixed Focal Length  
Camera height: 1.5 m

Photography Date: 11/04/2023  
Photography Time: 20:58  
Sunset Time: 20:30

**Notes:**  
1) Nacelle lights modelled to 200 candela value



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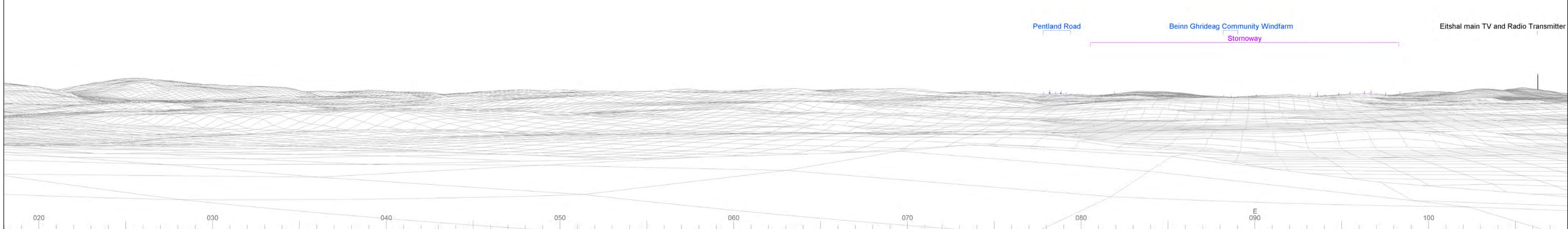
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Baseline photograph

This image provides landscape and visual context only

Wireline drawing



OS reference: 121325E 933012N  
 AOD: 25.96 m  
 Direction of view: 63°  
 Nearest turbine: 21.14 km

Horizontal field of view: 90° (cylindrical projection)  
 Principal distance: 522 mm  
 Paper size: 841 x 297 mm (half A1)  
 Correct printed image size: 820 x 260 mm

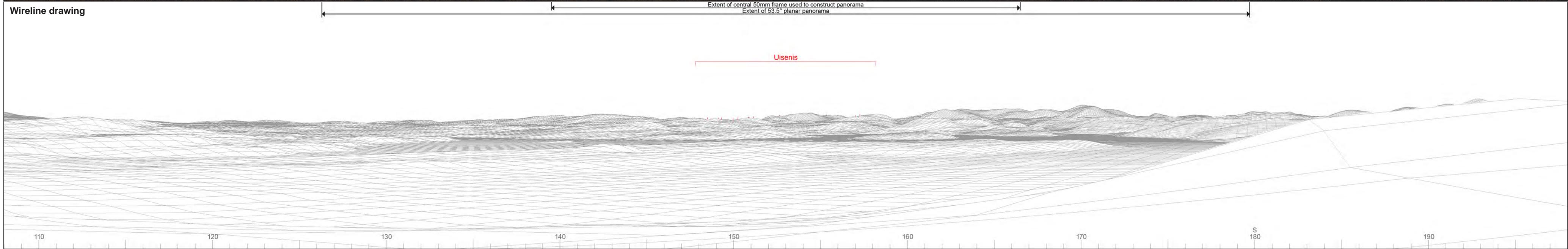
Camera: Sony ILCE-9  
 Lens: 50mm Fixed Focal Length  
 Camera height: 1.5 m

Photography Date: 27/02/2023  
 Photography Time: 16:05

Wind Farm Developments key  
 (by status):

Proposed scheme  
 Operational  
 Consented

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OS reference: 121325E 933012N  
AOD: 25.96 m  
Direction of view: 153°  
Nearest turbine: 21.14 km

Horizontal field of view: 90° (cylindrical projection)  
Principal distance: 522 mm  
Paper size: 841 x 297 mm (half A1)  
Correct printed image size: 820 x 260 mm

Camera: Sony ILCE-9  
Lens: 50mm Fixed Focal Length  
Camera height: 1.5 m

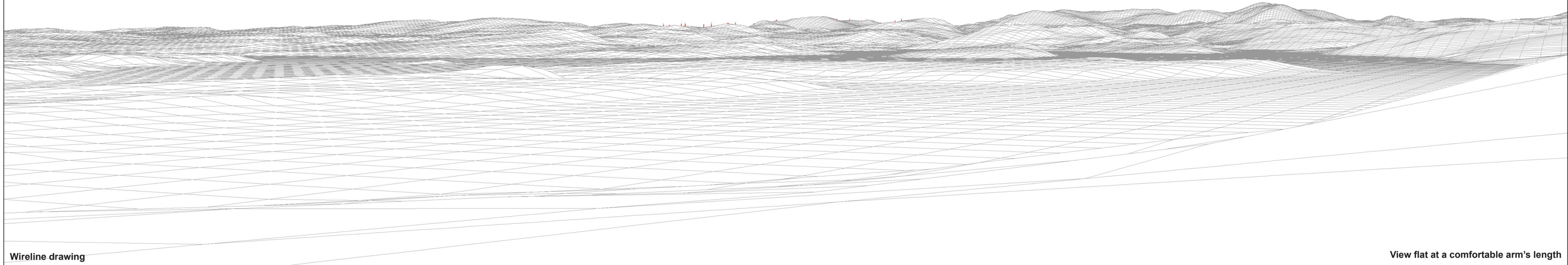
Photography Date: 27/02/2023  
Photography Time: 16:05

Wind Farm Developments key  
(by status):

Proposed scheme  
Operational  
Consented

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6 18 2 17 1 8 5 16 4 11 3 13 12 20 23 21



Wireline drawing

View flat at a comfortable arm's length



OS reference: 121325E 933012N  
 AOD: 25.96 m  
 Direction of view: 153°  
 Nearest turbine: 21.14 km

Horizontal field of view: 53.5° (planar projection)  
 Principal distance: 812.5 mm  
 Paper size: 841 x 297 mm (half A1)  
 Correct printed image size: 820 x 260 mm

Wind Farm Developments key  
 (by status):  
 Proposed scheme  
 Operational

Notes:  
 1) One turbine blade of T19-T25 to be painted black (see photomontage)  
 2) Turbine lighting to be positioned on the nacelles of Turbines 1, 3, 7, 12, 18, 22, 25

Uisenis Wind Farm  
**Figure 7.27c**  
**Viewpoint 16: Calanais Standing Stones**

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Photomontage

View flat at a comfortable arm's length



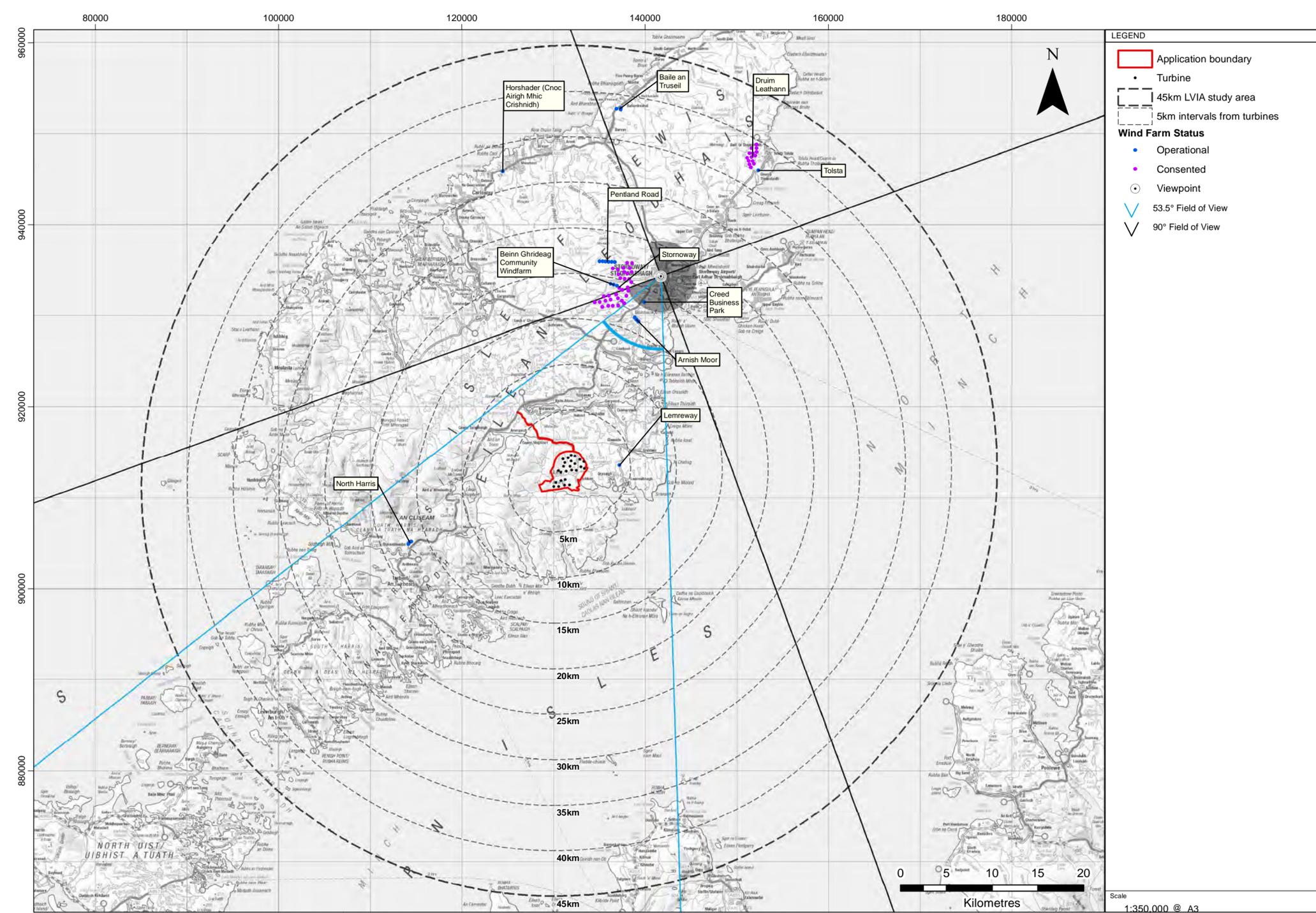
OS reference: 121325E 933012N  
AOD: 25.96 m  
Direction of view: 153°  
Nearest turbine: 21.14 km

Horizontal field of view: 53.5° (planar projection)  
Principal distance: 812.5 mm  
Paper size: 841 x 297 mm (half A1)  
Correct printed image size: 820 x 260 mm

Camera: Sony ILCE-9  
Lens: 50mm Fixed Focal Length  
Camera height: 1.5 m

Photography Date: 27/02/2023  
Photography Time: 16:05

Uisenis Wind Farm  
**Figure 7.27d**  
**Viewpoint 16: Calanais Standing Stones**



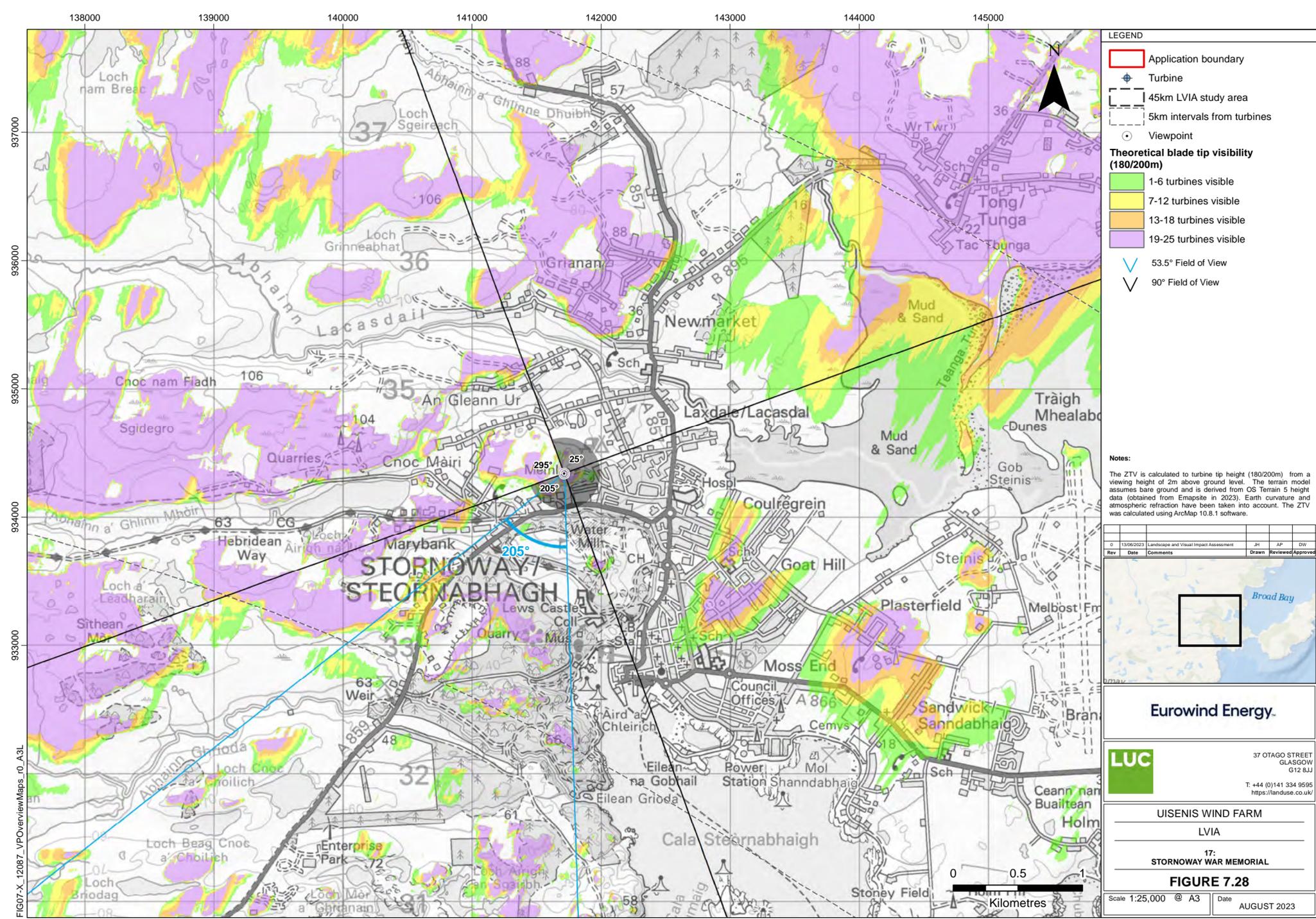
**LEGEND**

- Application boundary
- Turbine
- 45km LVIA study area
- 5km intervals from turbines

**Wind Farm Status**

- Operational
- Consented
- Viewpoint
- ∠ 53.5° Field of View
- ∠ 90° Field of View

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**LEGEND**

- Application boundary
- Turbine
- 45km LVIA study area
- 5km intervals from turbines
- Viewpoint

**Theoretical blade tip visibility (180/200m)**

- 1-6 turbines visible
- 7-12 turbines visible
- 13-18 turbines visible
- 19-25 turbines visible
- ∠ 53.5° Field of View
- ∠ 90° Field of View

**Notes:**  
The ZTV is calculated to turbine tip height (180/200m) from a viewing height of 2m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 5 height data (obtained from Emapsite in 2023). Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcMap 10.8.1 software.

Rev	Date	Comments	JH	AP	DW
0	13/06/2023	Landscape and Visual Impact Assessment	JH	AP	DW
			Drawn	Reviewed	Approved



**Eurowind Energy.**

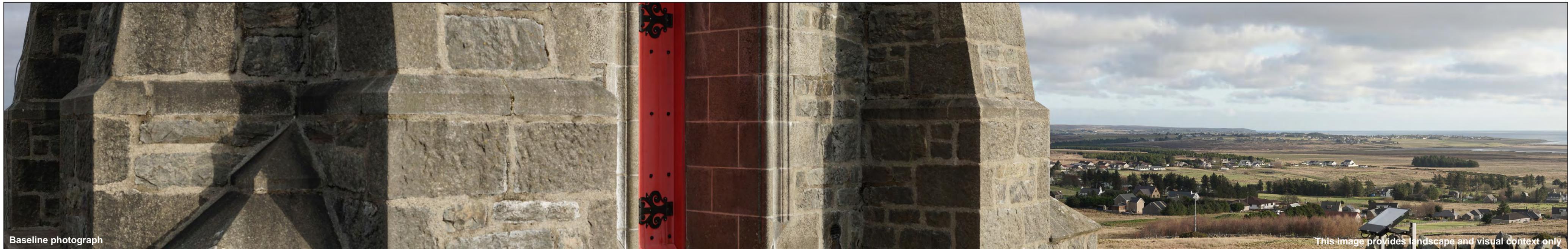
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**UISENIS WIND FARM**  
LVIA:  
**17: STORNOWAY WAR MEMORIAL**

**FIGURE 7.28**

Scale 1:25,000 @ A3 Date AUGUST 2023

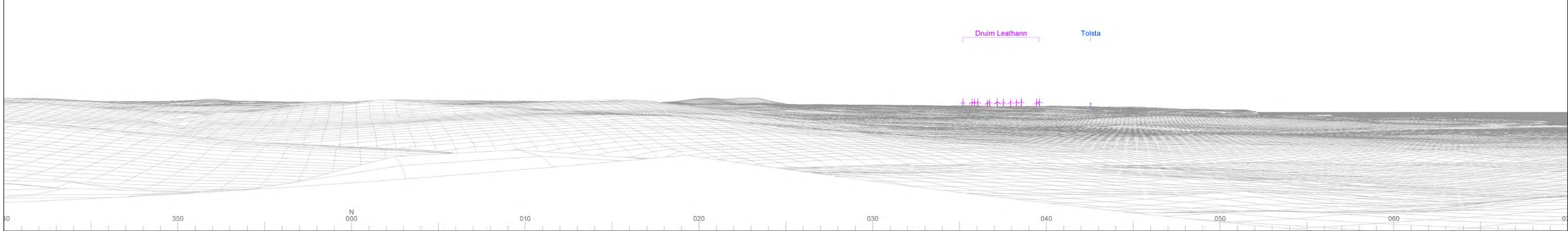
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Baseline photograph

This image provides landscape and visual context only

Wireline drawing



OS reference: 141713E 934340N  
 AOD: 68.79 m  
 Direction of view: 25°  
 Nearest turbine: 21.88 km

Horizontal field of view: 90° (cylindrical projection)  
 Principal distance: 522 mm  
 Paper size: 841 x 297 mm (half A1)  
 Correct printed image size: 820 x 260 mm

Camera: Sony ILCE-9  
 Lens: 50mm Fixed Focal Length  
 Camera height: 1.5 m

Photography Date: 27/02/2023  
 Photography Time: 09:17

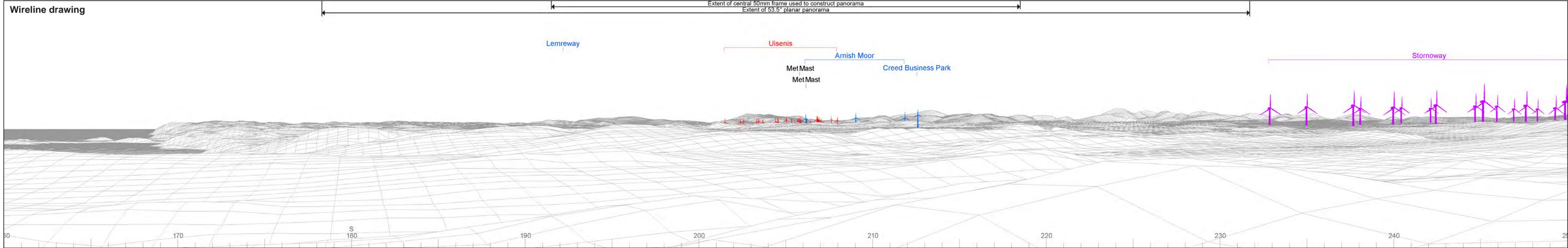
Wind Farm Developments key  
 (by status):  
 Proposed scheme  
 Operational  
 Consented

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Baseline photograph

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OS reference: 141713E 934340N  
 AOD: 68.79 m  
 Direction of view: 205°  
 Nearest turbine: 21.88 km

Horizontal field of view: 90° (cylindrical projection)  
 Principal distance: 522 mm  
 Paper size: 841 x 297 mm (half A1)  
 Correct printed image size: 820 x 260 mm

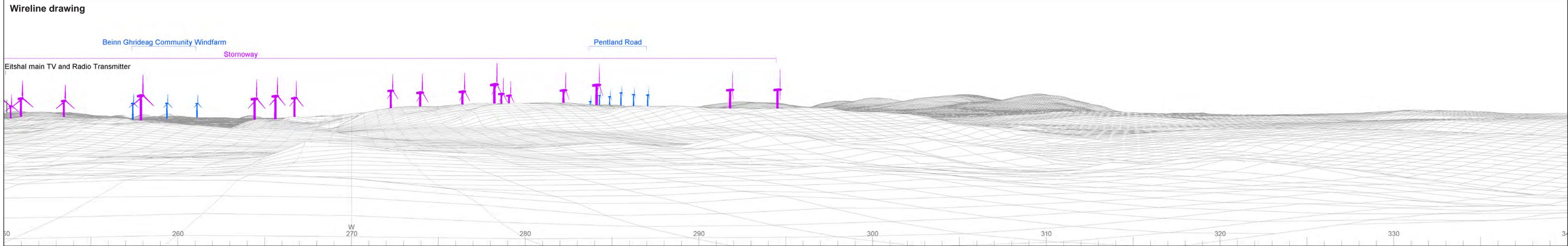
Camera: Sony ILCE-9  
 Lens: 50mm Fixed Focal Length  
 Camera height: 1.5 m

Photography Date: 27/02/2023  
 Photography Time: 09:17

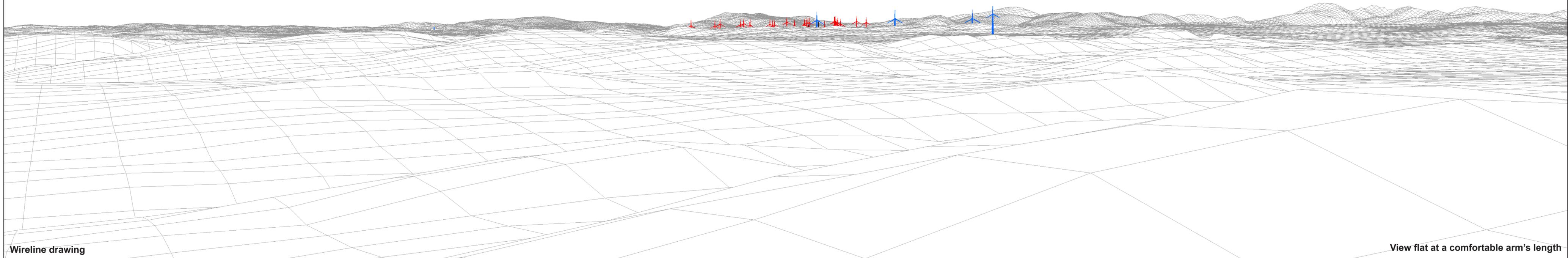
Wind Farm Developments key  
 (by status):

Proposed scheme  
 Operational  
 Consented

Uisenis Wind Farm  
 Figure 7.28b  
 Viewpoint 17: Stornoway War Memorial



18 7 17 16 25 6 8 15 24 19 11 2 5 14 23 20 1 21 22 13 4 10 9 12 3



Wireline drawing

View flat at a comfortable arm's length



OS reference: 141713E 934340N  
 AOD: 68.79 m  
 Direction of view: 205°  
 Nearest turbine: 21.88 km

Horizontal field of view: 53.5° (planar projection)  
 Principal distance: 812.5 mm  
 Paper size: 841 x 297 mm (half A1)  
 Correct printed image size: 820 x 260 mm

Wind Farm Developments key  
 (by status):

Proposed scheme  
 Operational

Notes:  
 1) One turbine blade of T19-T25 to be painted black (see photomontage)  
 2) Turbine lighting to be positioned on the nacelles of Turbines 1, 3, 7, 12, 18, 22, 25

Uisenis Wind Farm  
**Figure 7.28d**  
 Viewpoint 17: Stornoway War Memorial

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Photomontage

View flat at a comfortable arm's length



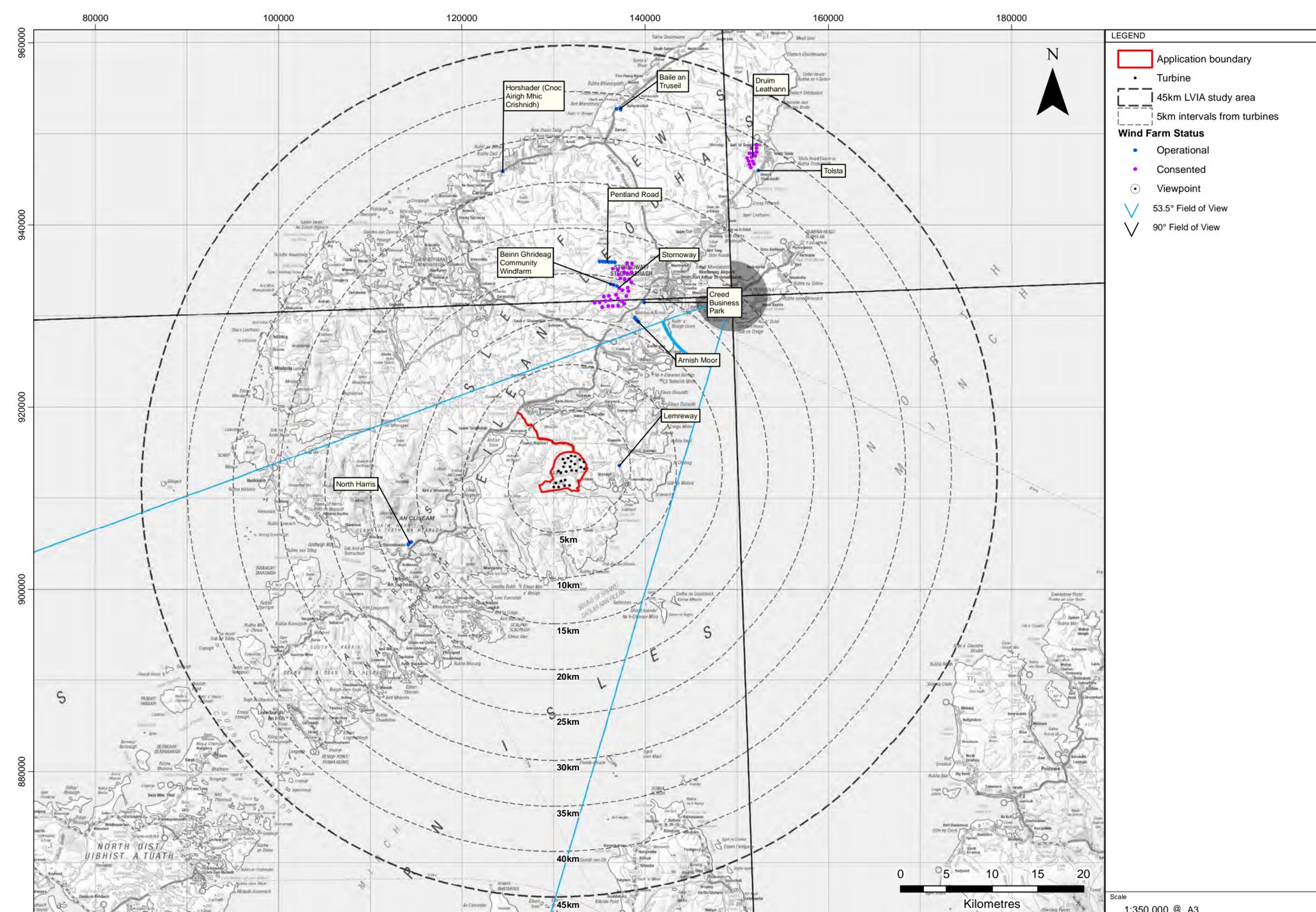
OS reference: 141713E 934340N  
AOD: 68.79 m  
Direction of view: 205°  
Nearest turbine: 21.88 km

Horizontal field of view: 53.5° (planar projection)  
Principal distance: 812.5 mm  
Paper size: 841 x 297 mm (half A1)  
Correct printed image size: 820 x 260 mm

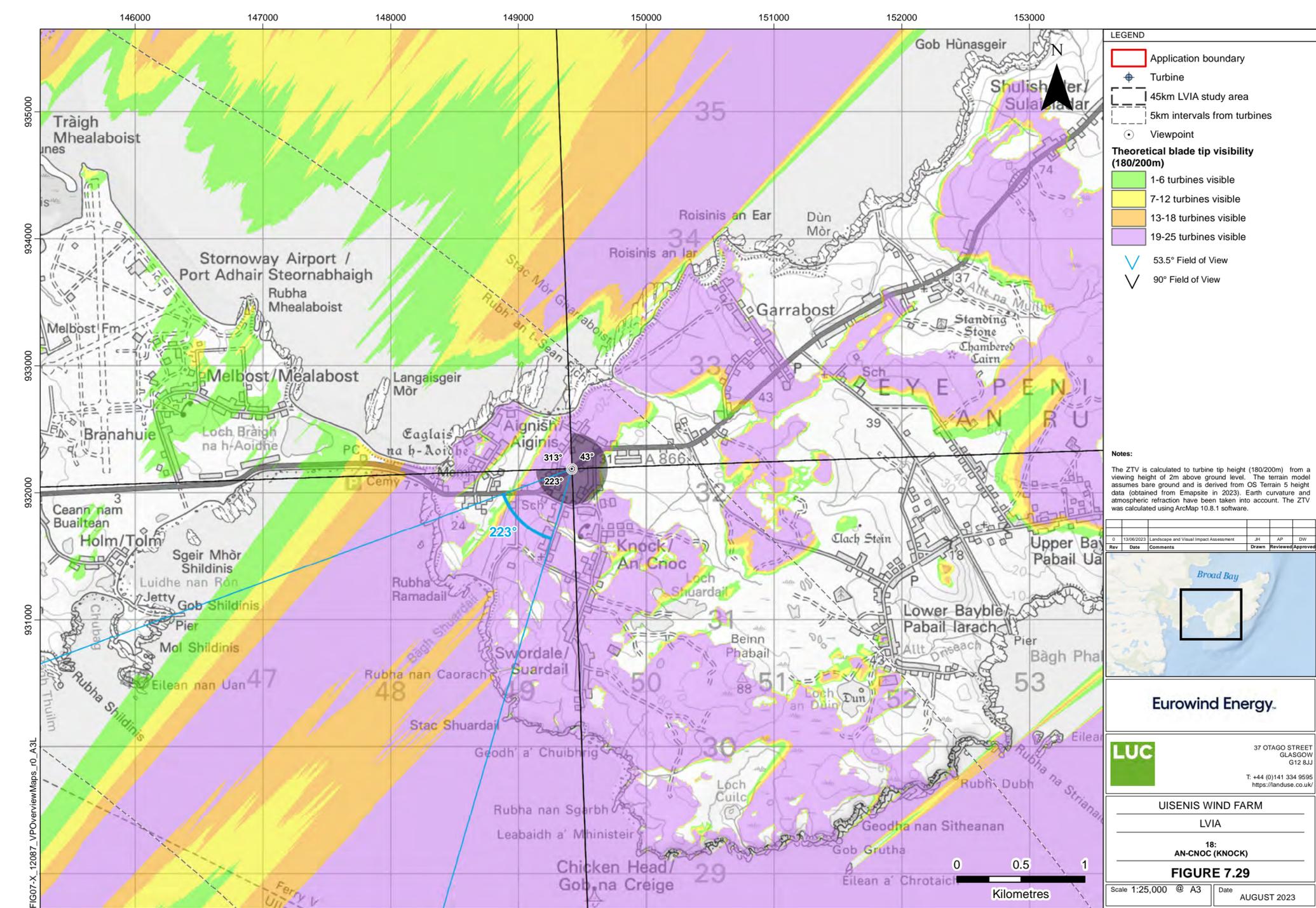
Camera: Sony ILCE-9  
Lens: 50mm Fixed Focal Length  
Camera height: 1.5 m

Photography Date: 27/02/2023  
Photography Time: 09:17

Uisenis Wind Farm  
**Figure 7.28e**  
Viewpoint 17: Stornoway War Memorial



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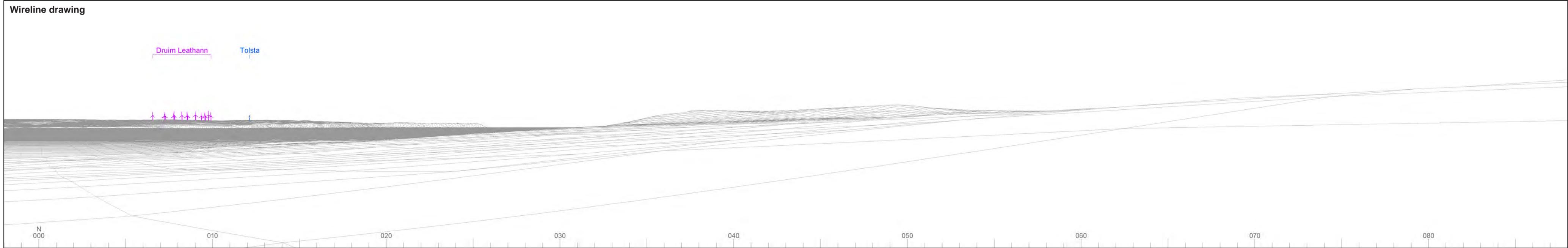
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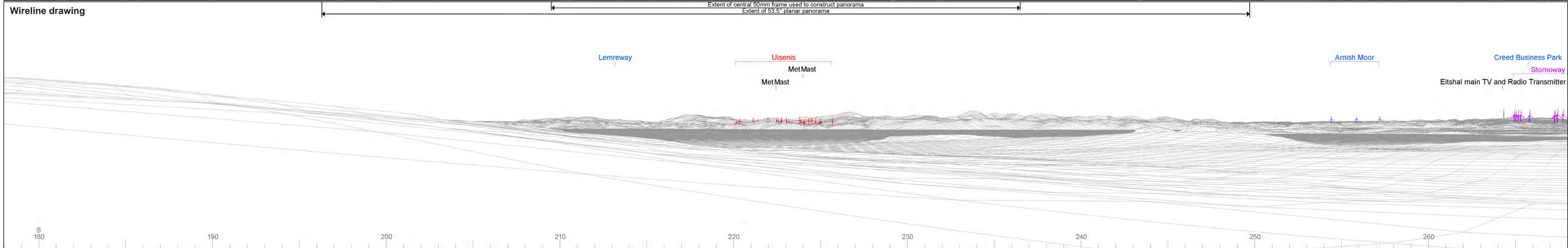
**Eurowind Energy.**

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https://landuse.co.uk/

**UISENIS WIND FARM**  
LVIA  
18:  
**AN-CNOC (KNOCK)**  
**FIGURE 7.29**

Scale 1:25,000 @ A3 Date AUGUST 2023





OS reference: 149417E 932188N  
AOD: 26.42 m  
Direction of view: 223°  
Nearest turbine: 24.329 km

Horizontal field of view: 90° (cylindrical projection)  
Principal distance: 522 mm  
Paper size: 841 x 297 mm (half A1)  
Correct printed image size: 820 x 260 mm

Camera: Sony ILCE-9  
Lens: 50mm Fixed Focal Length  
Camera height: 1.5 m

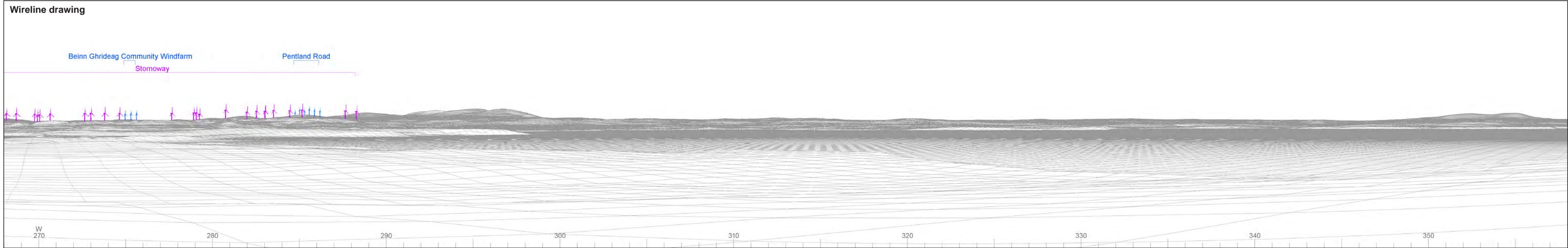
Photography Date: 27/02/2023  
Photography Time: 08:24

Wind Farm Developments key  
(by status):

Proposed scheme  
Operational  
Consented

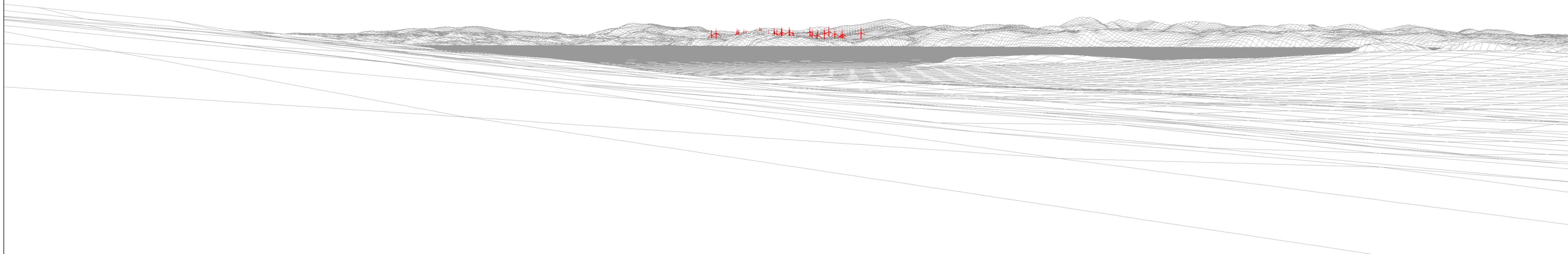
Uisenis Wind Farm  
Figure 7.29b  
Viewpoint 18: An-Cnoc (Knock)

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18 25 17 24 16 7 19 23 15 20 6 8 22 21 14 11 13 5 2 10 12 9 1 4 3



Wireline drawing

View flat at a comfortable arm's length

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OS reference:	149417E 932188N	Horizontal field of view:	53.5° (planar projection)
AOD:	26.42 m	Principal distance:	812.5 mm
Direction of view:	223°	Paper size:	841 x 297 mm (half A1)
Nearest turbine:	24.329 km	Correct printed image size:	820 x 260 mm

Wind Farm Developments key  
(by status):

Proposed scheme  
Operational

Notes:

- 1) One turbine blade of T19-T25 to be painted black (see photomontage)
- 2) Turbine lighting to be positioned on the nacelles of Turbines 1, 3, 7, 12, 18, 22, 25

Uisenis Wind Farm  
Figure 7.29d  
Viewpoint 18: An-Cnoc (Knock)



Photomontage

View flat at a comfortable arm's length



OS reference: 149417E 932188N  
AOD: 26.42 m  
Direction of view: 223°  
Nearest turbine: 24.329 km

Horizontal field of view: 53.5° (planar projection)  
Principal distance: 812.5 mm  
Paper size: 841 x 297 mm (half A1)  
Correct printed image size: 820 x 260 mm

Camera: Sony ILCE-9  
Lens: 50mm Fixed Focal Length  
Camera height: 1.5 m

Photography Date: 27/02/2023  
Photography Time: 08:24

Uisenis Wind Farm  
Figure 7.29e  
Viewpoint 18: An-Cnoc (Knock)