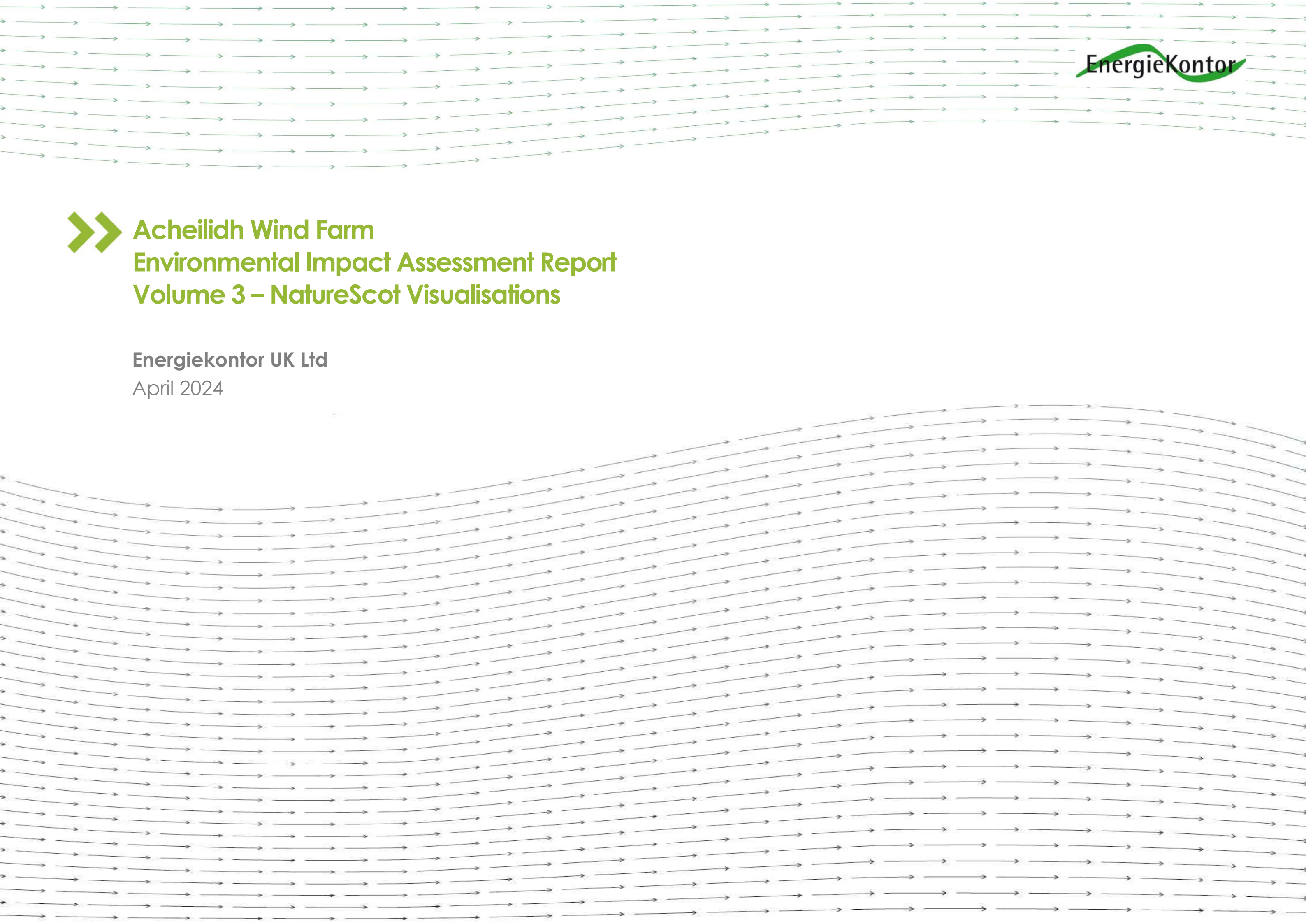
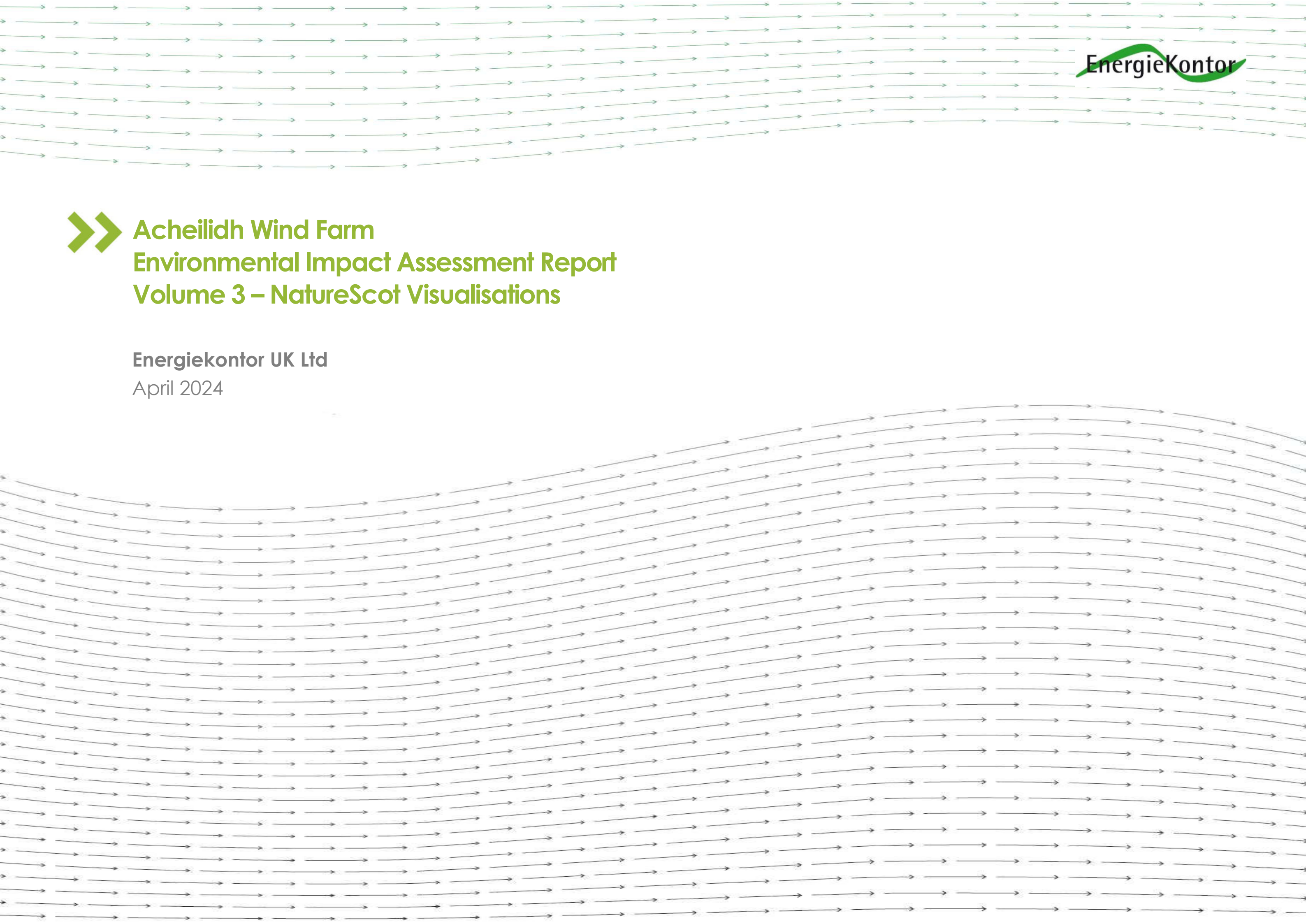


A green icon consisting of two right-pointing chevrons.

Acheilidh Wind Farm Environmental Impact Assessment Report Volume 3 – NatureScot Visualisations

Energiekontor UK Ltd

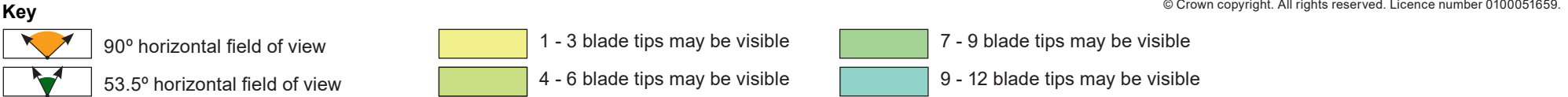
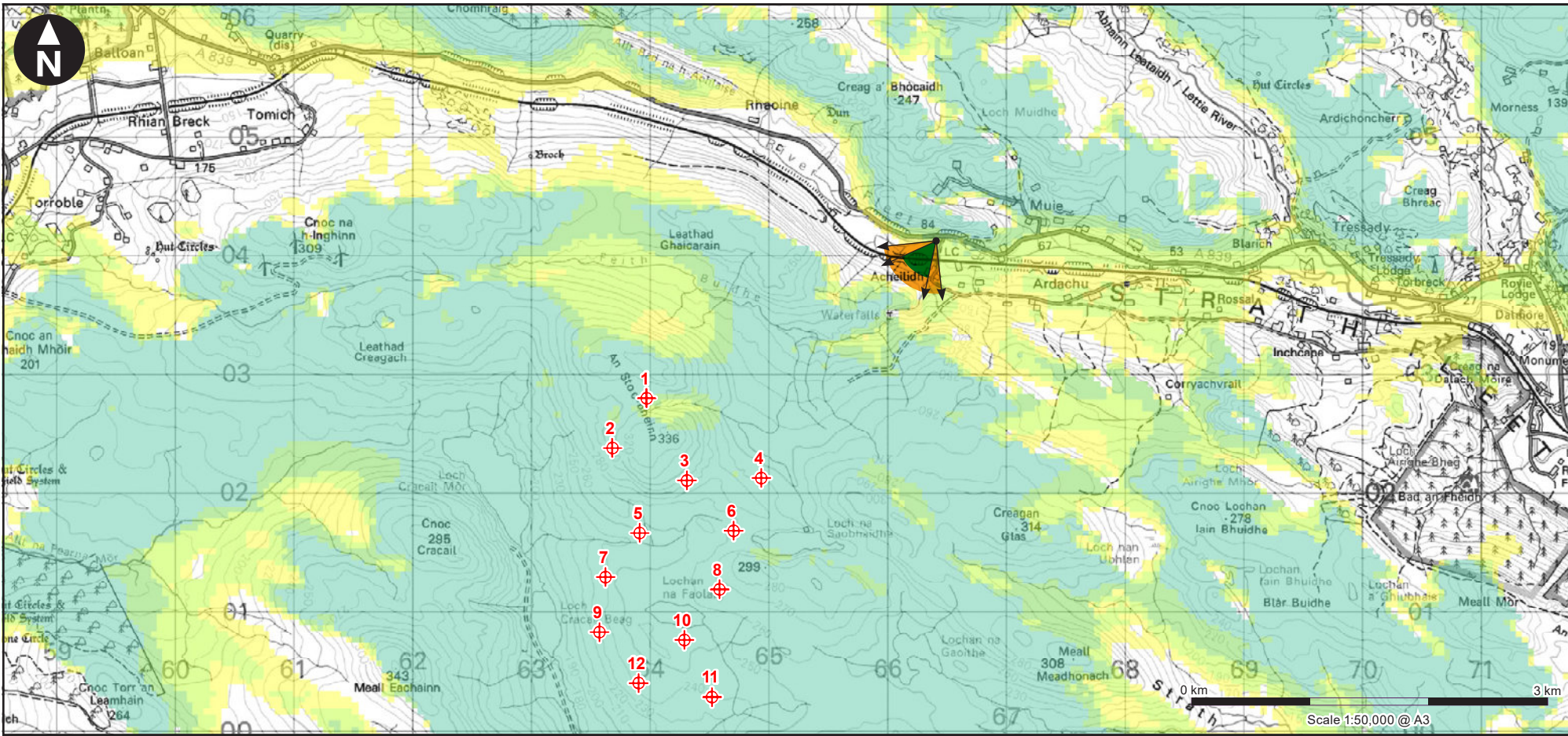
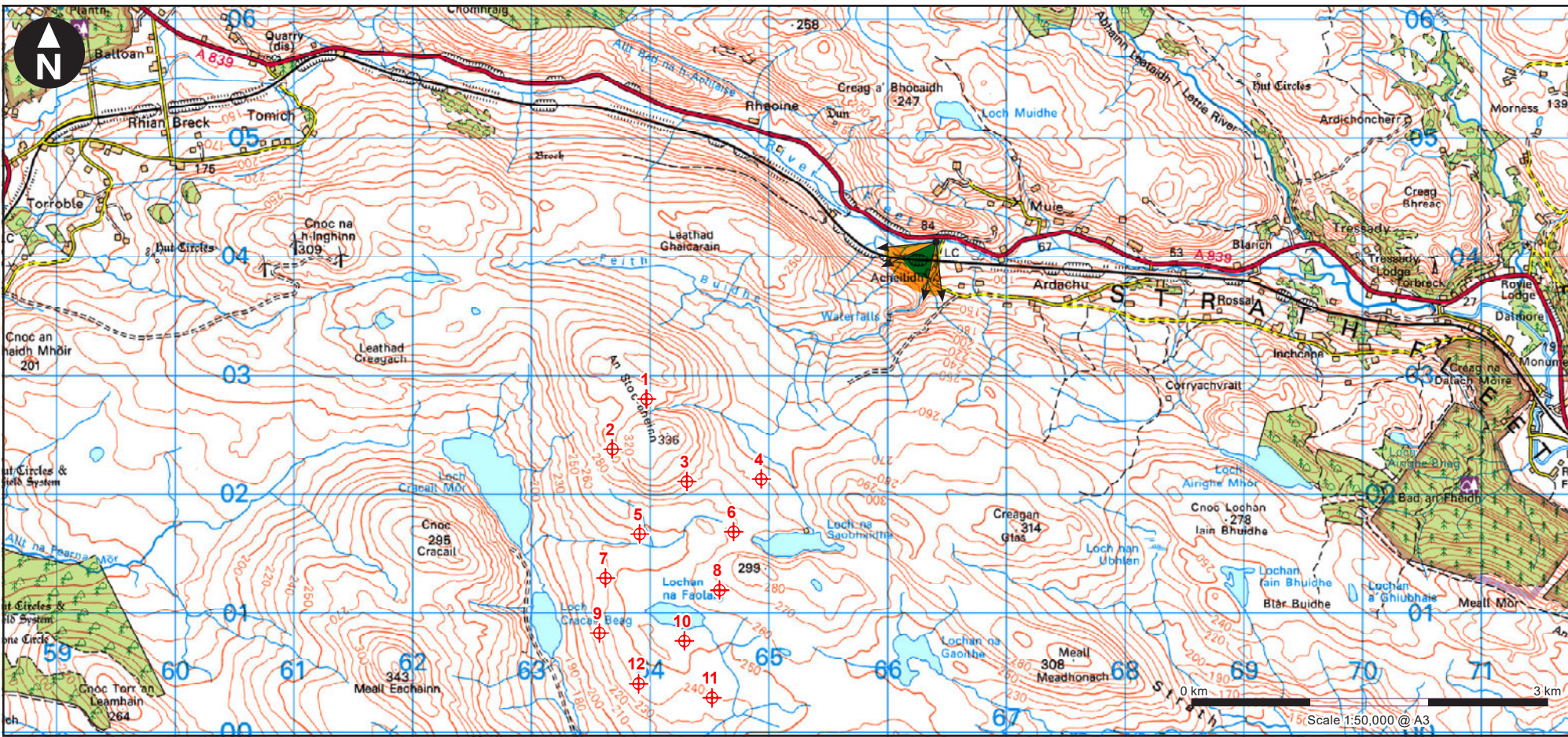
April 2024



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Figure 6.37a-c	Viewpoint 20 Portmahomack
Figure 6.38a-c	Viewpoint 21 Ben More Assynt

C:\Users\UKCGW775OneDrive - WSP\0365\ArcGIS\Laing 3\InDesign\Figure 6.18a-e VP1 A839 Acheilidh 806755-WSP-FG-SA-00118_R1.indd Originator: Wisc03



Viewpoint Parameters

OS reference:	N266 408, E904 128
Ground Level Elevation:	82m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	220°
Distance to nearest turbine:	2,482m
Number of blade tips theoretically visible ⁴ :	5
Number of hubs theoretically visible ⁴ :	3
Date and time of viewpoint photography:	07/02/2023 @ 10:50
Camera:	Sony A7 III
Lens:	50mm (Sony FE 50mm f/1.2 GM)

Information on the limitations of visualisations:

Visualisations of wind farms have a number of limitations which you should be aware of when using them to form a judgement on a wind farm proposal. These include:

- A visualisation can never show exactly what the wind farm will look like in reality due to factors such as: different lighting, weather and seasonal conditions which vary through time and the resolution of the image;
- The images provided give a reasonable impression of the scale of the turbines and the distance to the turbines, but can never be 100% accurate;
- A static image cannot convey turbine movement, or flicker or reflection from the sun on the turbine blades as they move;
- The viewpoints illustrated are representative of views in the area, but cannot represent visibility at all locations;
- To form the best impression of the impacts of the wind farm proposal these images are best viewed at the viewpoint location shown;
- The images must be printed at the right size to be viewed properly (260mm by 820mm);
- You should hold the images flat at a comfortable arm's length. If viewing these images on a wall or board at an exhibition, you should stand at arm's length from the image presented.
- The ZTV presented here takes no account of the screening effects of vegetation or buildings.

Additional notes:

1. This figure has been based on the following parameters:
Turbine layout file: LACHEILIDH004.WFL
• Hub height: 122.5m / 155.5m
• Rotor diameter: 155m
• Height to blade tip: 200m / 230m
2. Turbine positions could be subject to micro-siting (typically up to 50m).
3. Direction given as bearing relative to Grid North (BNG).
4. The number of turbine blades and hubs theoretically visible is counted from the wireframe in sets of 3 and ignores the screening effects of any intervening objects and forestry.
5. This figure is produced in accordance with SNH Visual Representation of Wind Farms 2017 guidance and also broadly accords with the Landscape Institute's Technical Guidance Note 6/19 (Type 4 Visualisation).

Client

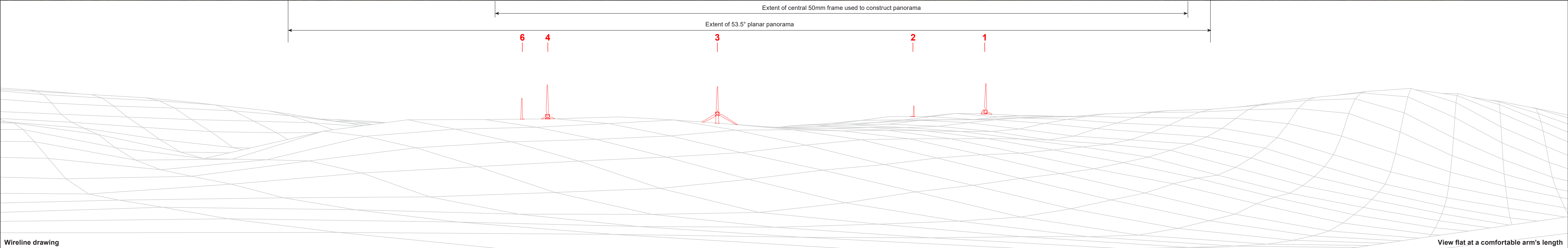


Acheilidh Wind Farm
EIA Report

Figure 6.18a
Viewpoint 1:
A839 near Acheilidh

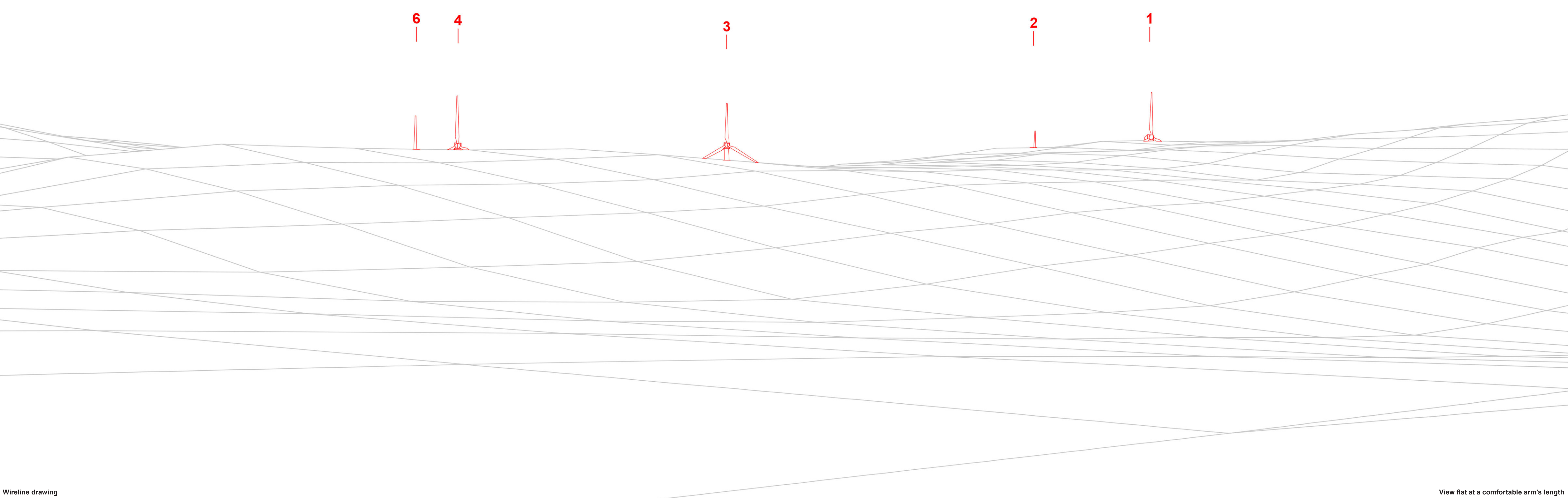
April 2024





Note: Turbines 1 and 4 would be lit at the hub with a visible red aviation warning light.			OS reference: N266 408, E904 128		Horizontal field of view: 90° (cylindrical projection)		Camera: Sony A7 III		Client		Acheilidh Wind Farm EIA Report		Figure 6.18b Viewpoint 1: A839 near Acheilidh		April 2024	
Wind Farm Key: Acheilidh Wind Farm Existing Consented Application Scoping			Eye level: 83.5m AOD		Principal distance: 522mm		Lens: 50mm (Sony FE 50mm f/1.2 GM)									
			Direction of view: 219°		Paper size: 841mm x 297mm (half A1)		Camera height: 1.5m AGL									
			Nearest turbine: 2,482m		Correct printed image size: 820 x 130mm		Date and time: 07/02/2023 10:50									

C:\Users\UKG\775\OneDrive - WSP\0385\ArcGIS\Lang 31\Design\Figure 6.18a-e VPI A839 Acheilidh 80755-WSPE-FG-St-0018_R1.indd Originator: wilsd03



Wireline drawing

Note: Turbines 1 and 4 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Acheilidh Wind Farm Existing Consented Application Scoping

OS reference:	N266 408, E904 128	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony A7 III
Eye level:	83.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	219°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	2,482m	Correct printed image size:	820 x 260mm	Date and time:	07/02/2023 10:50

Client



Acheilidh Wind Farm
EIA Report

Figure 6.18c
Viewpoint 1:
A839 near Acheilidh

April 2024



View flat at a comfortable arm's length

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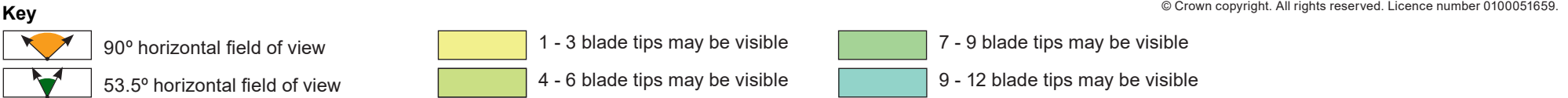
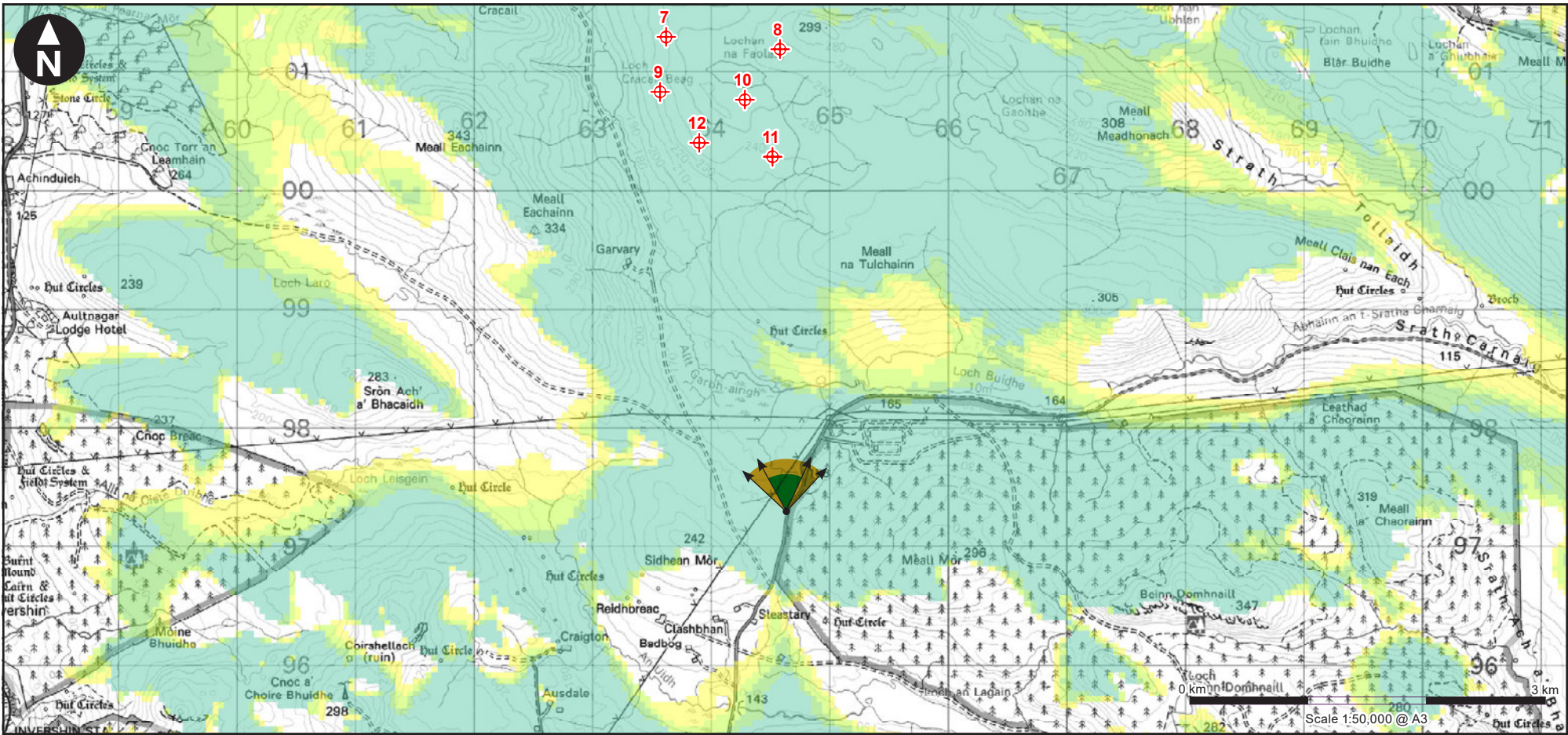
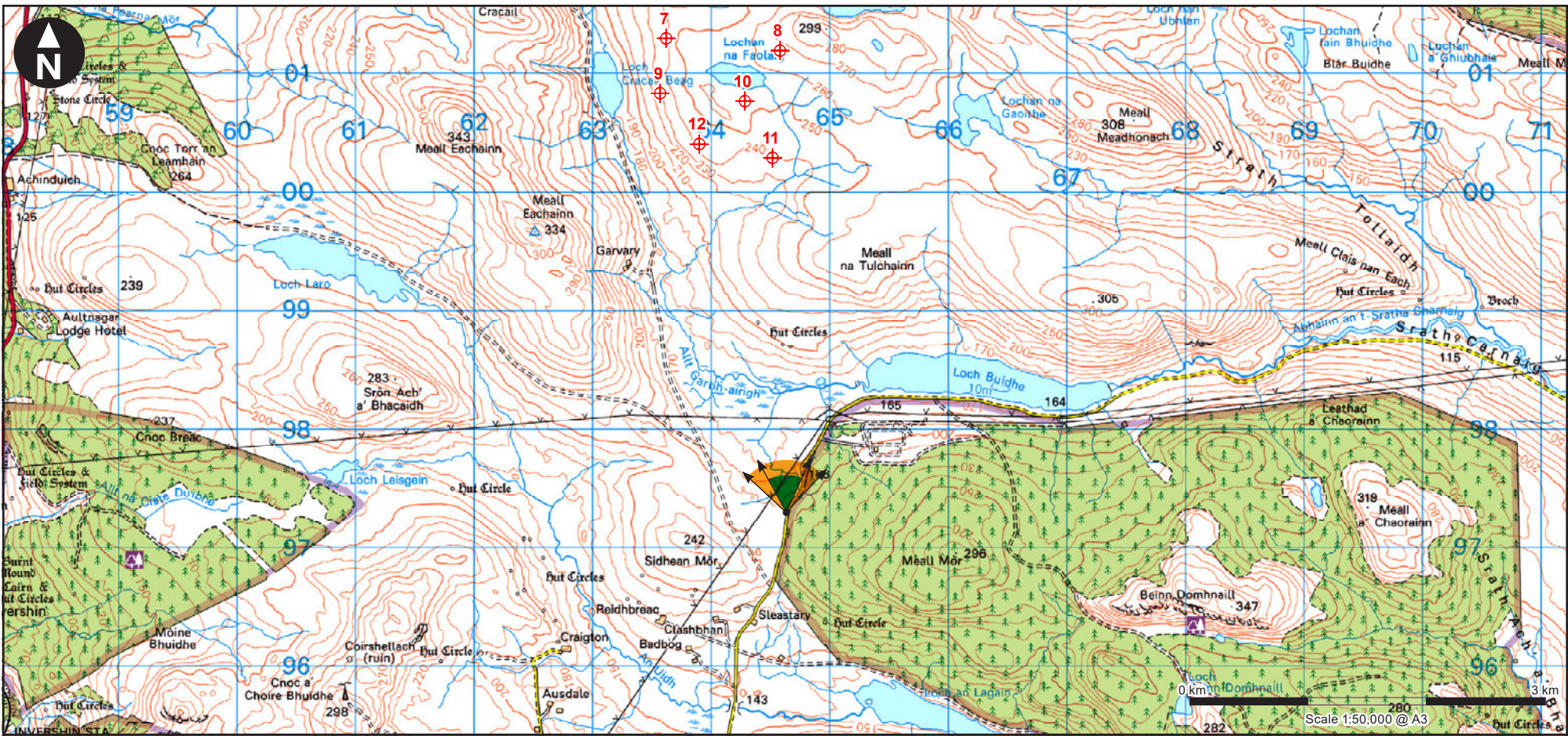


Photomontage

View flat at a comfortable arm's length

OS reference:	N266 408, E904 128	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony A7 III
Eye level:	83.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	219°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	2,482m	Correct printed image size:	820 x 260mm	Date and time:	07/02/2023 10:50

Client		Acheilidh Wind Farm EIA Report	Figure 6.18d Viewpoint 1: A839 near Acheilidh	April 2024	
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Viewpoint Parameters

OS reference:	N264 638, E897 298
Ground Level Elevation:	197m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	354°
Distance to nearest turbine:	2,992m
Number of blade tips theoretically visible ⁴ :	12
Number of hubs theoretically visible ⁴ :	12
Date and time of viewpoint photography:	26/02/2023 @ 11:30
Camera:	Canon EOS 5D Mk2
Lens:	50mm (Canon EF 50mm f/1.8)

Information on the limitations of visualisations:

Visualisations of wind farms have a number of limitations which you should be aware of when using them to form a judgement on a wind farm proposal. These include:

- A visualisation can never show exactly what the wind farm will look like in reality due to factors such as: different lighting, weather and seasonal conditions which vary through time and the resolution of the image;
- The images provided give a reasonable impression of the scale of the turbines and the distance to the turbines, but can never be 100% accurate;
- A static image cannot convey turbine movement, or flicker or reflection from the sun on the turbine blades as they move;
- The viewpoints illustrated are representative of views in the area, but cannot represent visibility at all locations;
- To form the best impression of the impacts of the wind farm proposal these images are best viewed at the viewpoint location shown;
- The images must be printed at the right size to be viewed properly (260mm by 820mm);
- You should hold the images flat at a comfortable arm's length. If viewing these images on a wall or board at an exhibition, you should stand at arm's length from the image presented.
- The ZTV presented here takes no account of the screening effects of vegetation or buildings.

Additional notes:

1. This figure has been based on the following parameters:
Turbine layout file: LACHEILIDH004.WFL
• Hub height: 122.5m / 155.5m
• Rotor diameter: 155m
• Height to blade tip: 200m / 230m
2. Turbine positions could be subject to micro-siting (typically up to 50m).
3. Direction given as bearing relative to Grid North (BNG).
4. The number of turbine blades and hubs theoretically visible is counted from the wireframe in sets of 3 and ignores the screening effects of any intervening objects and forestry.
5. This figure is produced in accordance with SNH Visual Representation of Wind Farms 2017 guidance and also broadly accords with the Landscape Institute's Technical Guidance Note 6/19 (Type 4 Visualisation).

Client

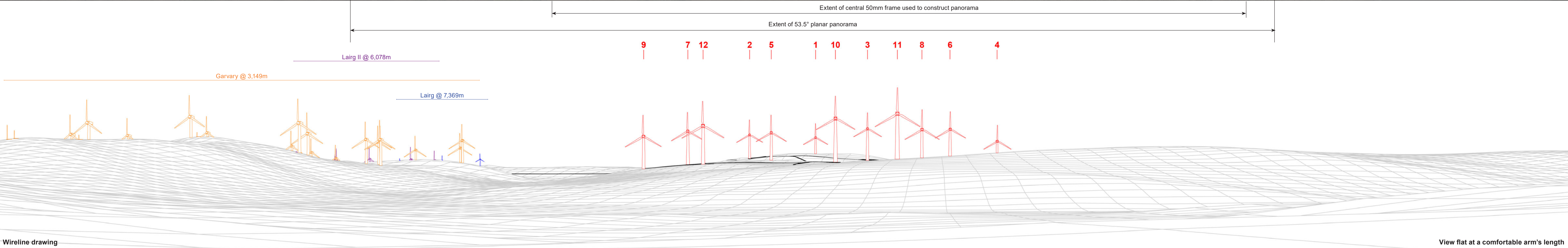


Acheilidh Wind Farm
EIA Report

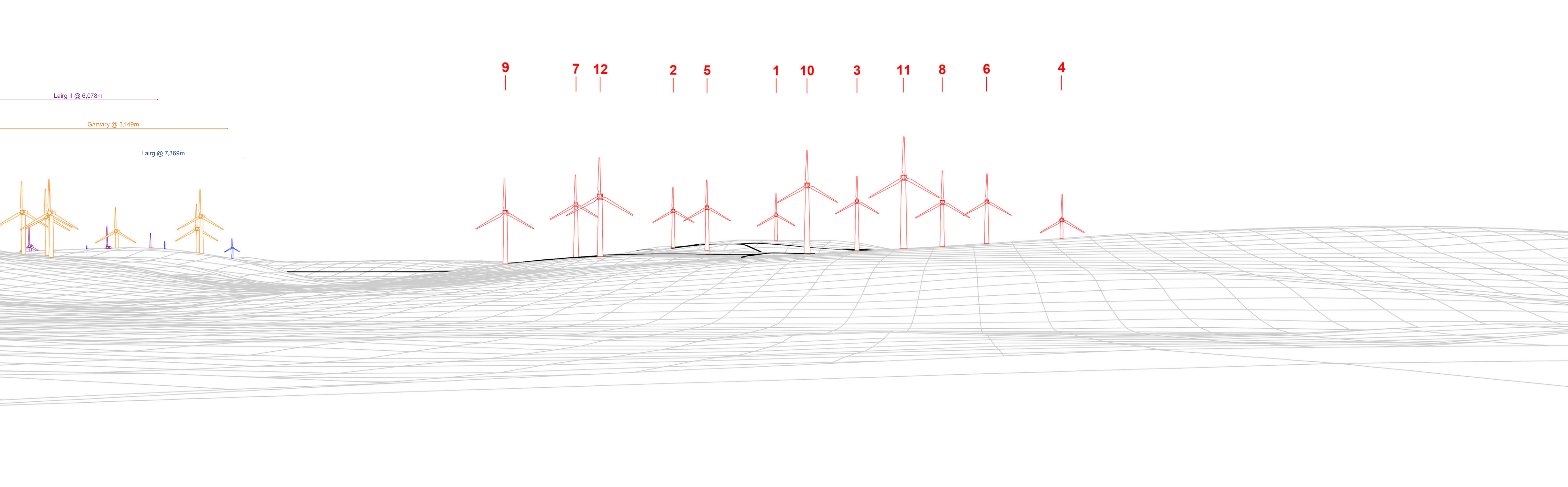
Figure 6.19a
Viewpoint 2:
Lochbuie Road

April 2024





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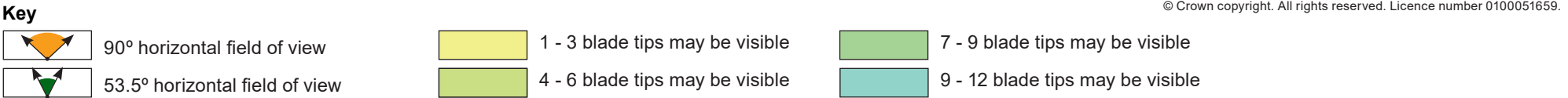
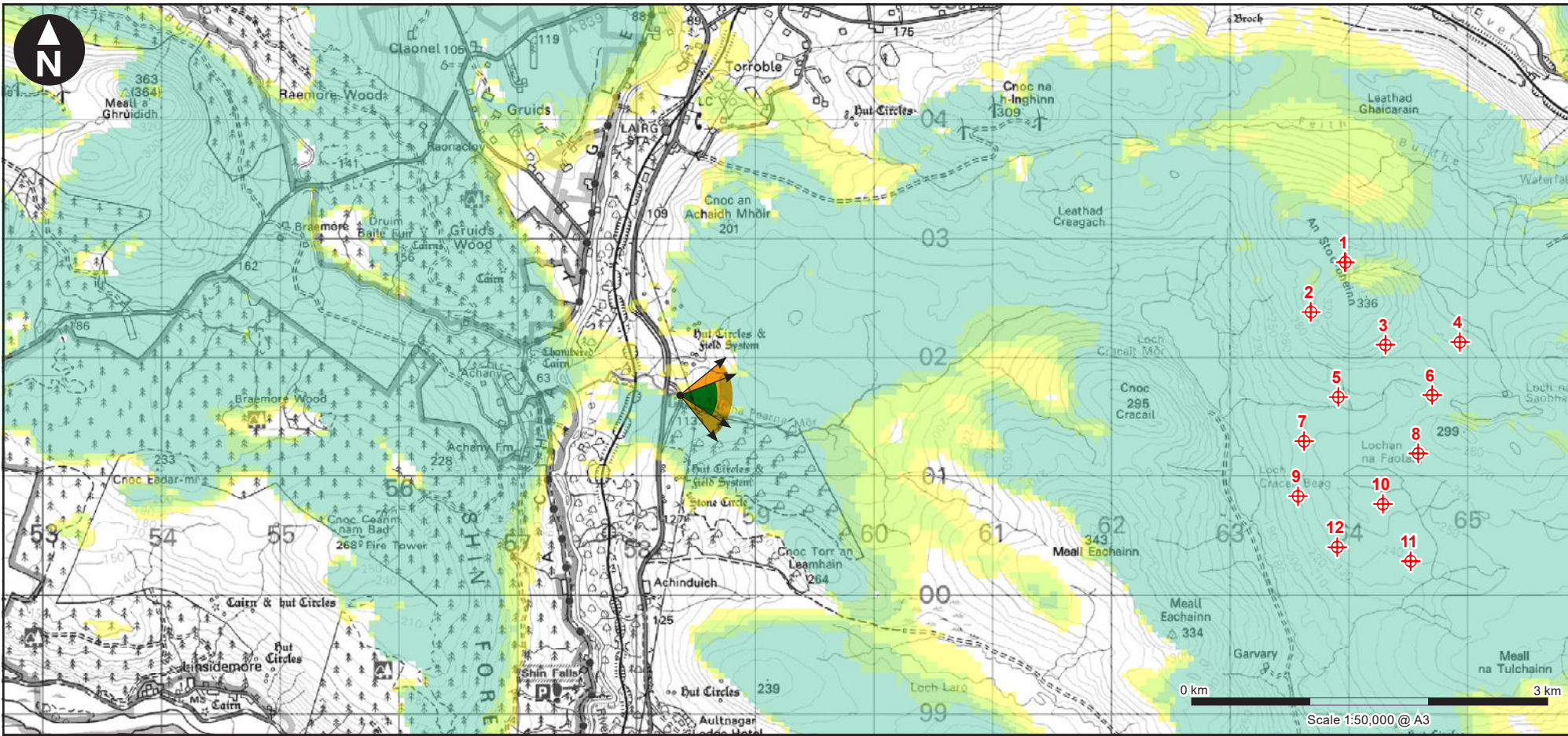
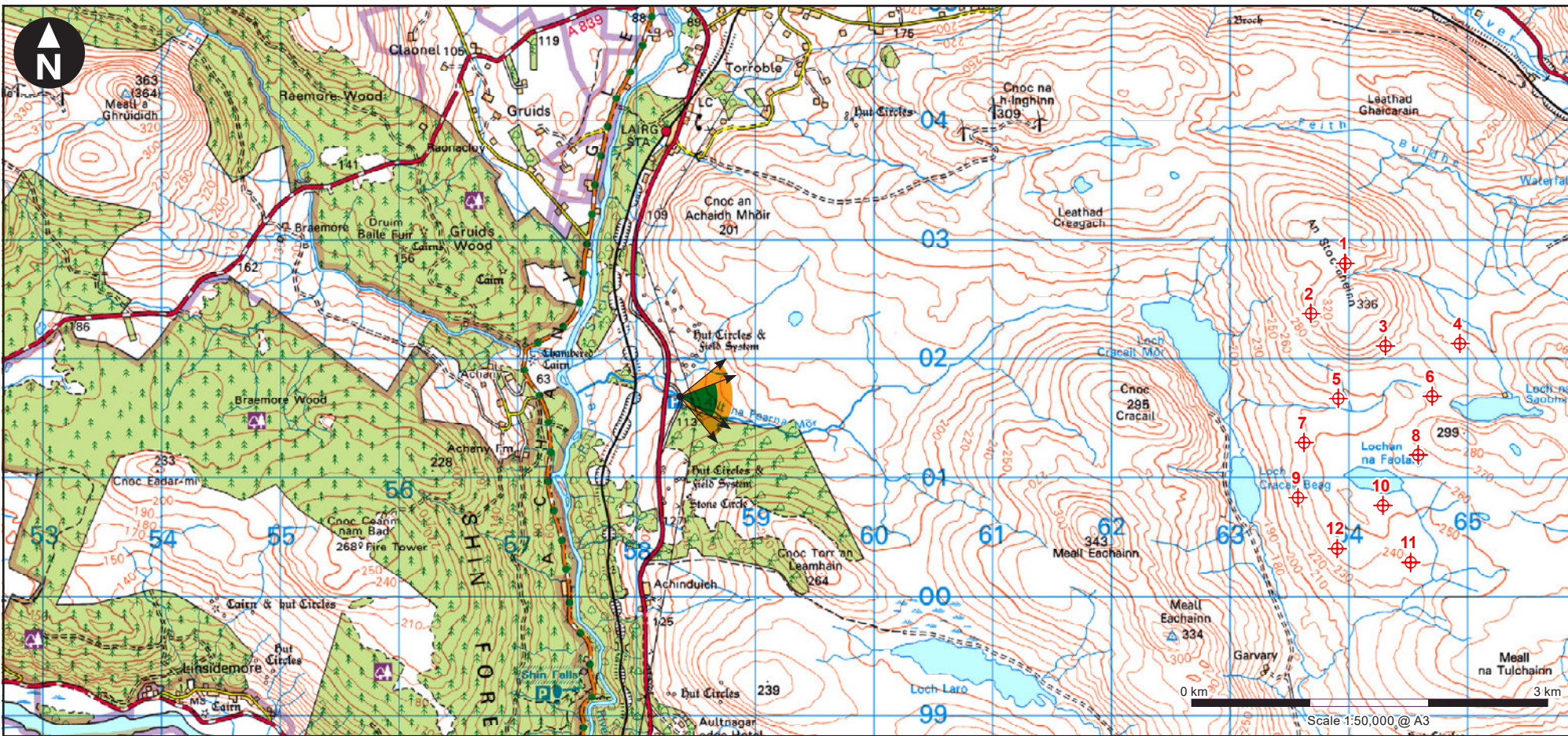


Photomontage

View flat at a comfortable arm's length

OS reference:	N264 638, E897 298	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mk2
Eye level:	198.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	358°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	2,992m	Correct printed image size:	820 x 260mm	Date and time:	26/02/2023 11:30

Client		Acheilidh Wind Farm EIA Report	Figure 6.19d Viewpoint 2: Lochbuie Road	April 2024	
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Viewpoint Parameters

OS reference:	N258 365, E901 684
Ground Level Elevation:	122m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	92°
Distance to nearest turbine:	5,275m
Number of blade tips theoretically visible ⁴ :	3
Number of hubs theoretically visible ⁴ :	0
Date and time of viewpoint photography:	07/02/2023 @ 12:10
Camera:	Sony A7 III
Lens:	50mm (Sony FE 50mm f/1.2 GM)

Information on the limitations of visualisations:

Visualisations of wind farms have a number of limitations which you should be aware of when using them to form a judgement on a wind farm proposal. These include:

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- A static image cannot convey turbine movement, or flicker or reflection from the sun on the turbine blades as they move;
- The viewpoints illustrated are representative of views in the area, but cannot represent visibility at all locations;
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- The images must be printed at the right size to be viewed properly (260mm by 820mm);
- You should hold the images flat at a comfortable arm's length. If viewing these images on a wall or board at an exhibition, you should stand at arm's length from the image presented.
- The ZTV presented here takes no account of the screening effects of vegetation or buildings.

Additional notes:

1. This figure has been based on the following parameters:
Turbine layout file: LACHEILIDH004.WFL
• Hub height: 122.5m / 155.5m
• Rotor diameter: 155m
• Height to blade tip: 200m / 230m
2. Turbine positions could be subject to micro-siting (typically up to 50m).
3. Direction given as bearing relative to Grid North (BNG).
4. The number of turbine blades and hubs theoretically visible is counted from the wireframe in sets of 3 and ignores the screening effects of any intervening objects and forestry.
5. This figure is produced in accordance with SNH Visual Representation of Wind Farms 2017 guidance and also broadly accords with the Landscape Institute's Technical Guidance Note 6/19 (Type 4 Visualisation).

Client



Acheilidh Wind Farm
EIA Report

Figure 6.20a
Viewpoint 3:
Bridge near A836 between
Laing and Invershin

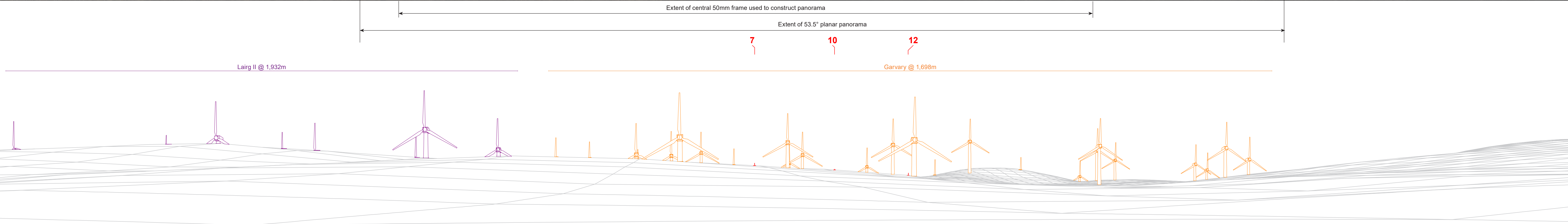
April 2024





Baseline photograph

This image provides landscape and visual context only



Wireline drawing

Note: No aviation warning lights would be visible.

Wind Farm Key: Acheilidh Wind Farm Existing Consented Application Scoping

OS reference:	N258 365, E901 684	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony A7 III
Eye level:	123.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	96°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	5,275m	Correct printed image size:	820 x 130mm	Date and time:	07/02/2023 12:10



Client
Acheilidh Wind Farm
EIA Report

Figure 6.20b
Viewpoint 3:
Bridge near A836 between
Lairg and Invershin

April 2024

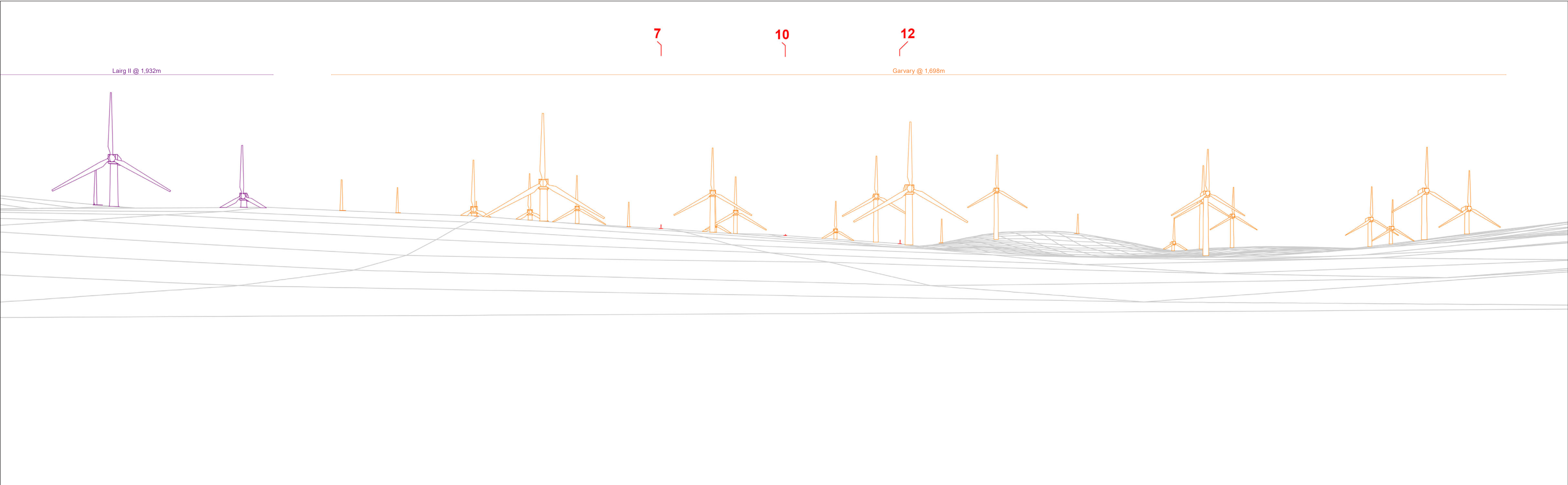


View flat at a comfortable arm's length

C:\Users\UKCGW775\OneDrive - WSP\0385\ArcGIS\Lairg 31\Design\Figure 6.20a-e VP3 Bridge A836 808755-WSP-E-FC-SA-00720_R1.indd

Originator: wilsco3

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Photomontage

View flat at a comfortable arm's length

OS reference:	N258 365, E901 684	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony A7 III
Eye level:	123.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	96°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	5,275m	Correct printed image size:	820 x 260mm	Date and time:	07/02/2023 12:10

Client

EnergieKontor

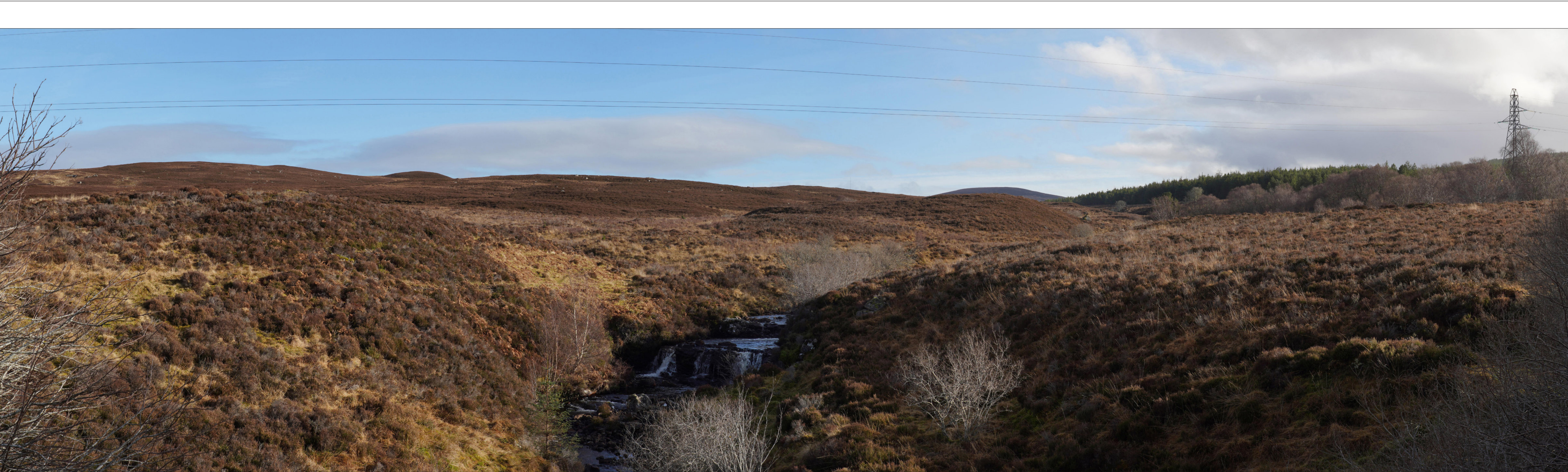
Acheilidh Wind Farm
EIA Report

Figure 6.20d
Viewpoint 3:
Bridge near A836 between
Lairg and Invershin

April 2024



C:\Users\UKCGW775\OneDrive - WSP\0355\AcGIS\Lairg 31\Design\Figure 6.20a-e VPD Bridge A836 808755-WSP-FC-SA-00700_R1.indd Originator: wilco3



Photomontage

Note: This 90 degree FoV photomontage is produced in addition to the NatureScot 'Visual Representation of Wind Farms' guidance and illustrates the Proposed Development in its landscape setting.

OS reference:	N258 365, E901 684	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony A7 III
Eye level:	123.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	96°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	5,275m	Correct printed image size:	820 x 260mm	Date and time:	07/02/2023 12:10

Client



Acheilidh Wind Farm
EIA Report

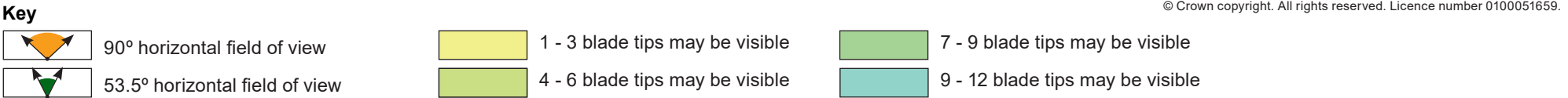
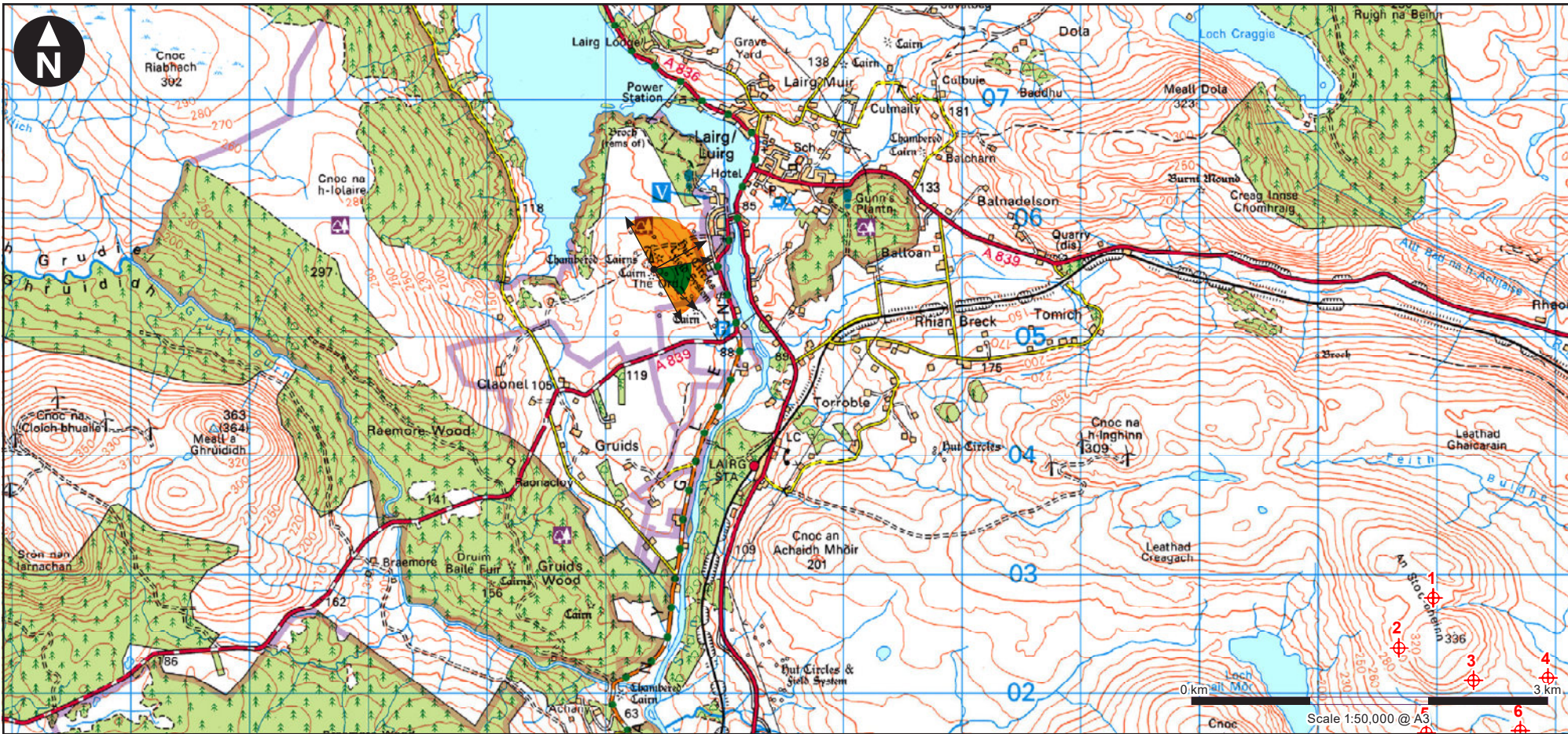
Figure 6.20e
Viewpoint 3:
Bridge near A836 between
Lairg and Invershin

View flat at a comfortable arm's length

April 2024



C:\Users\UKCG\775\OneDrive - WSP\0385\AcGIS\Lairg 3\1\Design\Figure 6.20e - VP3 Bridge A836 808755 - WSP-FC-SA-00700_R1.indd Originator: wilsc03



Viewpoint Parameters

OS reference:	N257 404, E905 571
Ground Level Elevation:	152m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	121°
Distance to nearest turbine:	7,040m
Number of blade tips theoretically visible ⁴ :	12
Number of hubs theoretically visible ⁴ :	11
Date and time of viewpoint photography:	26/02/2023 @ 13:20
Camera:	Canon EOS 5D Mk2
Lens:	50mm (Canon EF 50mm f/1.8)

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- The viewpoints illustrated are representative of views in the area, but cannot represent visibility at all locations;
- To form the best impression of the impacts of the wind farm proposal these images are best viewed at the viewpoint location shown;
- The images must be printed at the right size to be viewed properly (260mm by 820mm);
- You should hold the images flat at a comfortable arm's length. If viewing these images on a wall or board at an exhibition, you should stand at arm's length from the image presented.
- The ZTV presented here takes no account of the screening effects of vegetation or buildings.

Additional notes:

1. This figure has been based on the following parameters:
Turbine layout file: LACHEILIDH004.WFL
• Hub height: 122.5m / 155.5m
• Rotor diameter: 155m
• Height to blade tip: 200m / 230m
2. Turbine positions could be subject to micro-siting (typically up to 50m).
3. Direction given as bearing relative to Grid North (BNG).
4. The number of turbine blades and hubs theoretically visible is counted from the wireframe in sets of 3 and ignores the screening effects of any intervening objects and forestry.
5. This figure is produced in accordance with SNH Visual Representation of Wind Farms 2017 guidance and also broadly accords with the Landscape Institute's Technical Guidance Note 6/19 (Type 4 Visualisation).



Acheilidh Wind Farm
EIA Report

Figure 6.21a
Viewpoint 4:
The Ord, Lairg

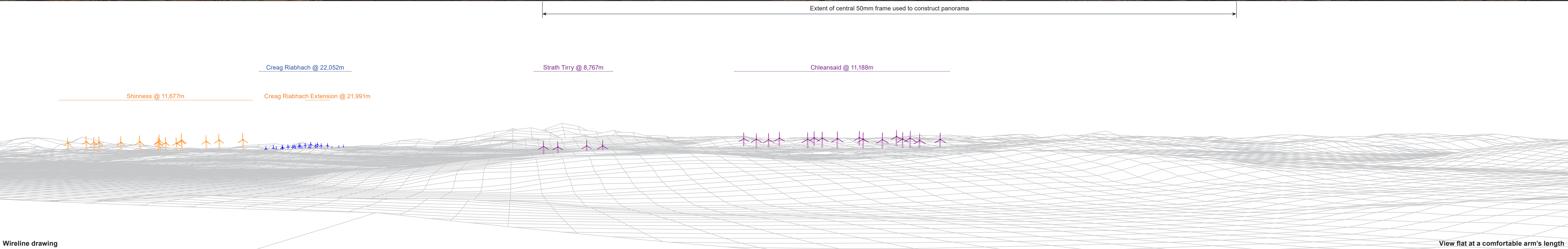
April 2024





Baseline photograph

This image provides landscape and visual context only



Wind Farm Key: Acheilidh Wind Farm Existing Consented Application

OS reference:	N257 404, E905 571	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 5D Mk2
Eye level:	153.5m AOD	Principal distance:	522mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	32°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	7,040m	Correct printed image size:	820 x 130mm	Date and time:	26/02/2023 13:20

Client

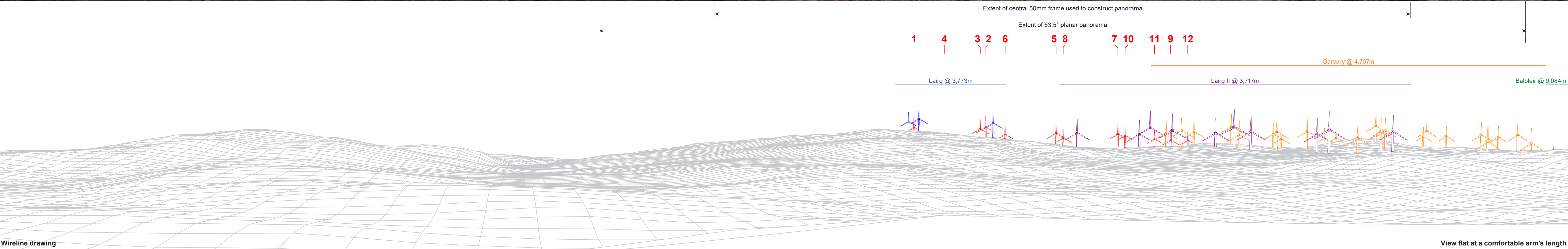
Acheilidh Wind Farm
EIA Report

Figure 6.21b
Viewpoint 4:
The Ord, Lairg

April 2024

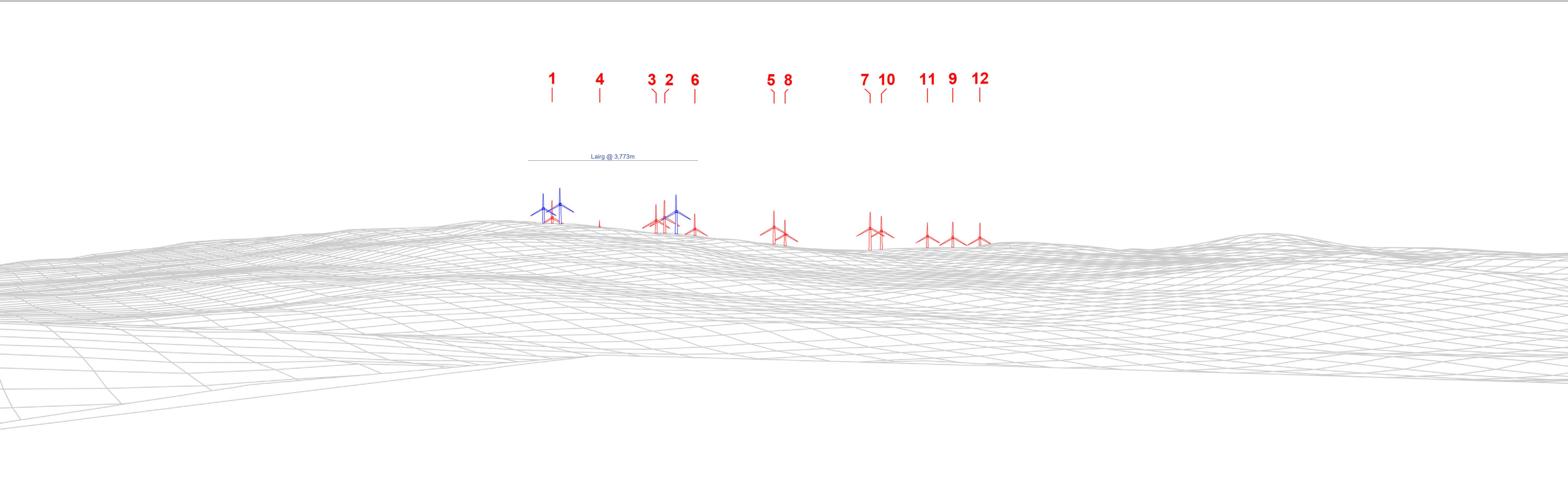


C:\Users\UKG\775\OneDrive - WSP\0385\ArcGIS\Lang 3\Design\Figure 6.21a\VP4 The Ord 80875-WSP-FG-SA-0012_L1.mxd
Originator: wis03



Note: Turbines 1, 2, 8, 9 and 11 would be lit at the hub with a visible red aviation warning light.					OS reference: N257 404, E905 571					Horizontal field of view: 90° (cylindrical projection)					Camera: Canon EOS 5D Mk2					Client					Acheilidh Wind Farm EIA Report					Figure 6.21c Viewpoint 4: The Ord, Lairg					April 2024									
Wind Farm Key:  Acheilidh Wind Farm  Existing  Consented  Application  Scoping					Eye level: 153.5m AOD					Principal distance: 522mm					Lens: 50mm (Canon EF 50mm f/1.8)																													
					Direction of view: 122°					Paper size: 841mm x 297mm (half A1)					Camera height: 1.5m AGL																													
					Nearest turbine: 7,040m					Correct printed image size: 820 x 130mm					Date and time: 26/02/2023 13:20																													

C:\Users\UKCG\775\OneDrive - WSP\0385\ArcGIS\Laing 3\1\Design\Figure 6.21a\1\VP4 The Ord 808755-WSP-FG-SA-00121_R1.indd Originator: wis03



Wireline drawing (Acheilidh & Laing Wind Farms)

Note: Turbines 1, 2, 8, 9 and 11 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key:  Acheilidh Wind Farm  Existing

OS reference:	N257 404, E905 571	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mk2
Eye level:	153.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	122°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	7,040m	Correct printed image size:	820 x 260mm	Date and time:	26/02/2023 13:20

Client



Acheilidh Wind Farm
EIA Report

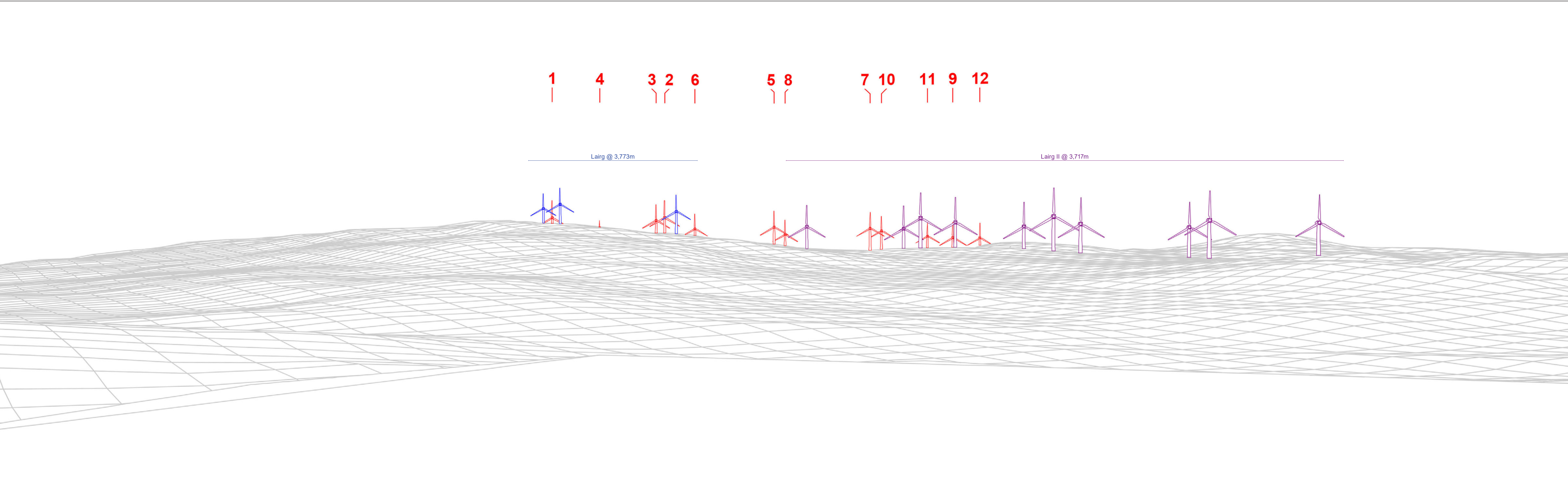
Figure 6.21d
Viewpoint 4:
The Ord, Laing

View flat at a comfortable arm's length

April 2024



C:\Users\UKCG\775\OneDrive - WSP\0385\ArcGIS\Lairg\3\1\Design\Figure 6.21a\VP4 The Ord 80875-WSP-EG-SA-00121_R1.indd Originator: wis03



Wireline drawing (Acheilidh, Lairg & Lairg II Wind Farms)

Note: Turbines 1, 2, 8, 9 and 11 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Acheilidh Wind Farm Existing Consented

OS reference:	N257 404, E905 571	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mk2
Eye level:	153.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	122°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	7,040m	Correct printed image size:	820 x 260mm	Date and time:	26/02/2023 13:20

Client



Acheilidh Wind Farm
EIA Report

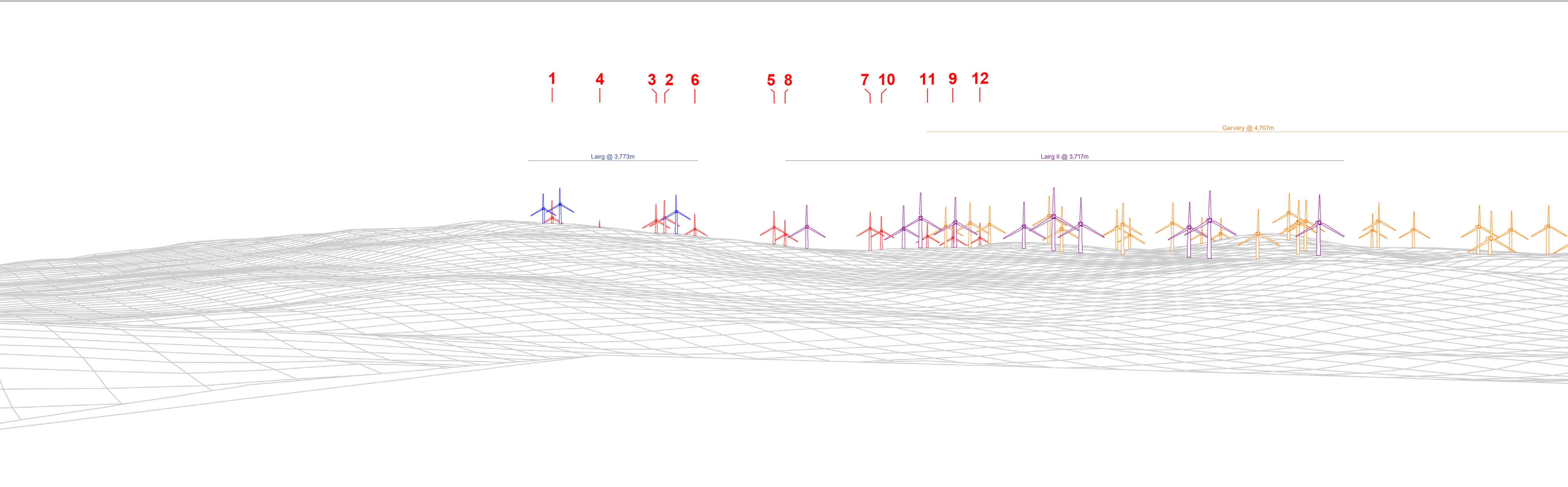
Figure 6.21e
Viewpoint 4:
The Ord, Lairg

View flat at a comfortable arm's length

April 2024



C:\Users\UKCG\775\OneDrive - WSP\0385\ArcGIS\Lairg\3\1\Design\Figure 6.21a\VP4 The Ord 80875-WSP-EG-SA-00121_R1.indd Originator: wis03



C:\Users\UKG\775\OneDrive - WSP\0355\AcGIS\Laing 3\1\Design\Figure 6.21a\VP4 The Ord 808755-WSP-FIG-SA-00121_R1.indd Originator: wis03



Photomontage

View flat at a comfortable arm's length

OS reference:	N257 404, E905 571	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mk2	Client	EnergieKontor	Acheilidh Wind Farm EIA Report	Figure 6.21g Viewpoint 4: The Ord, Laing	April 2024	wsp
Eye level:	153.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Canon EF 50mm f/1.8)						
Direction of view:	122°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL						
Nearest turbine:	7,040m	Correct printed image size:	820 x 260mm	Date and time:	26/02/2023 13:20						

C:\Users\UKG\775\OneDrive - WSP\0385\AcGIS\Lairg 3\1\Design\Figure 6.21a\VP4 The Ord 808755-WSP-E-FG-SA-00121_R1.indd Originator: wis03

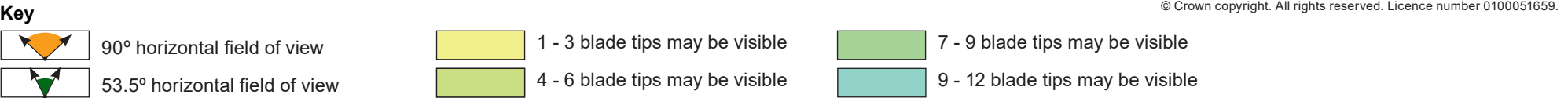
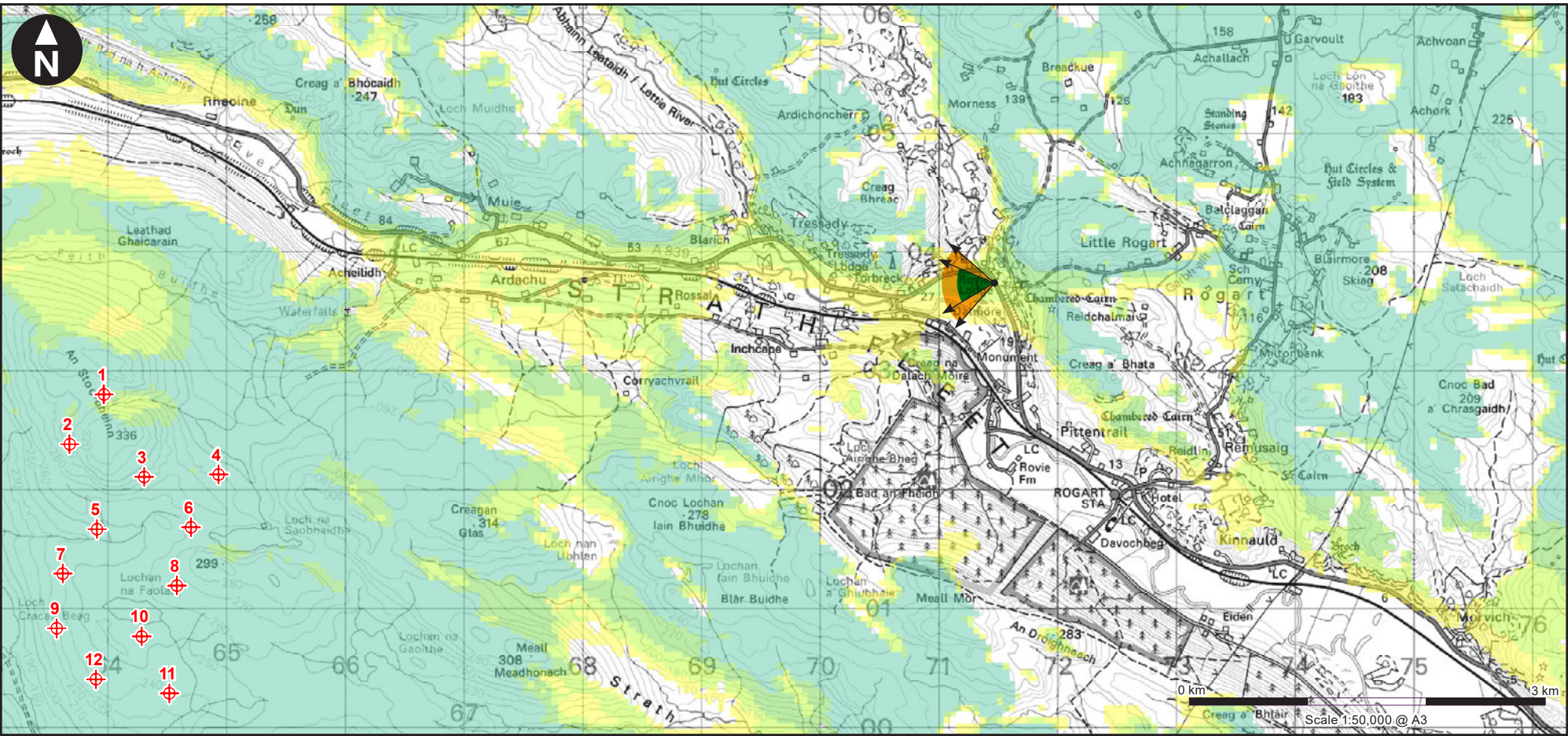
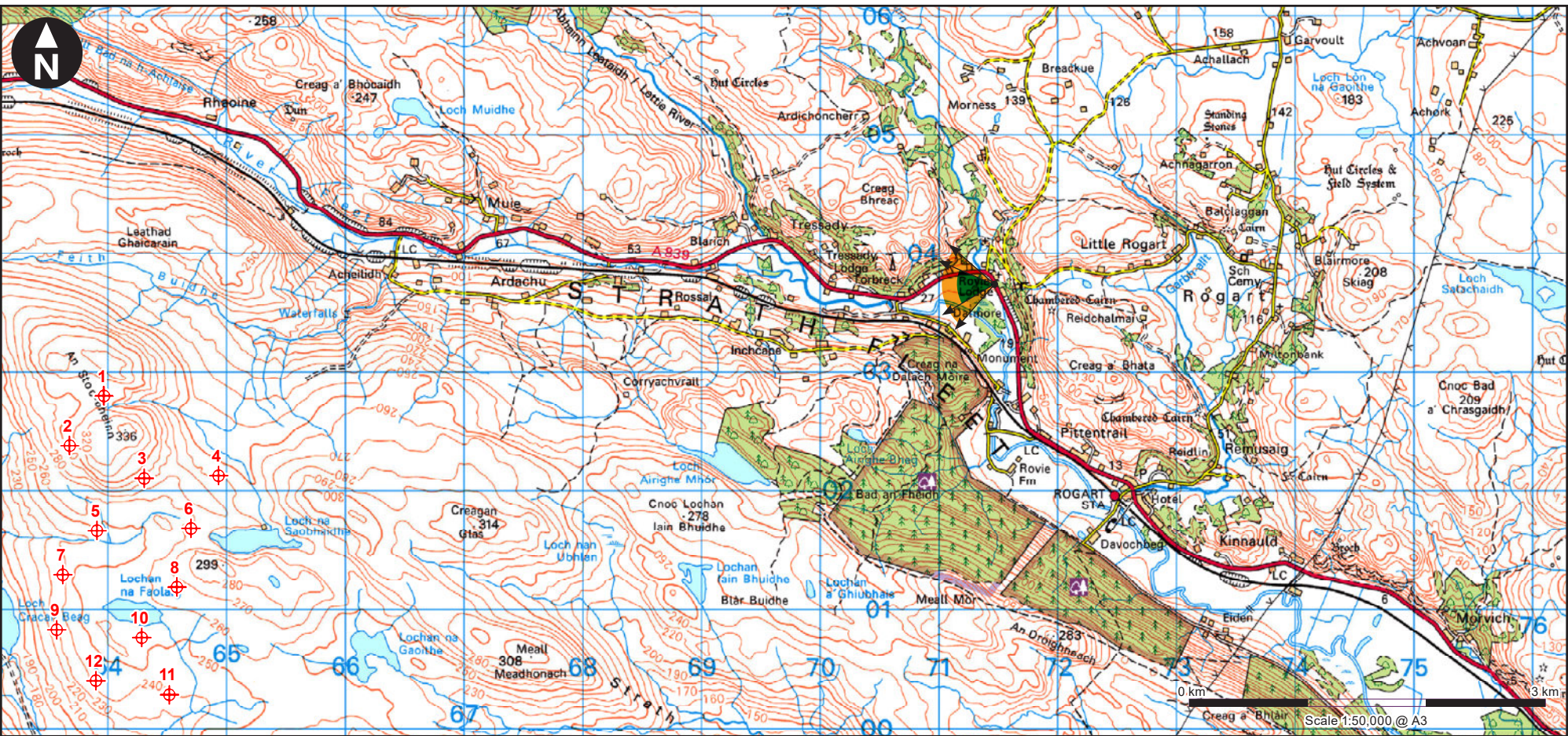


Photomontage (Centred on Acheilidh Wind Farm)

Note: This 90 degree FoV photomontage is produced in addition to the NatureScot 'Visual Representation of Wind Farms' guidance and illustrates the Proposed Development in its landscape setting.

OS reference:	N257 404, E905 571	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 5D Mk2
Eye level:	153.5m AOD	Principal distance:	522mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	137°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	7,040m	Correct printed image size:	820 x 260mm	Date and time:	26/02/2023 13:20

Client	Acheilidh Wind Farm EIA Report	Figure 6.21i Viewpoint 4: The Ord, Lairg	View flat at a comfortable arm's length
			
			April 2024



Viewpoint Parameters

OS reference:	N271 473, E903 741
Ground Level Elevation:	21m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	253°
Distance to nearest turbine:	6,733m
Number of blade tips theoretically visible ⁴ :	5
Number of hubs theoretically visible ⁴ :	3
Date and time of viewpoint photography:	07/02/2023 @ 10:25
Camera:	Sony A7 III
Lens:	50mm (Sony FE 50mm f/1.2 GM)

Information on the limitations of visualisations:

Visualisations of wind farms have a number of limitations which you should be aware of when using them to form a judgement on a wind farm proposal. These include:

- A visualisation can never show exactly what the wind farm will look like in reality due to factors such as: different lighting, weather and seasonal conditions which vary through time and the resolution of the image;
- The images provided give a reasonable impression of the scale of the turbines and the distance to the turbines, but can never be 100% accurate;
- A static image cannot convey turbine movement, or flicker or reflection from the sun on the turbine blades as they move;
- The viewpoints illustrated are representative of views in the area, but cannot represent visibility at all locations;
- To form the best impression of the impacts of the wind farm proposal these images are best viewed at the viewpoint location shown;
- The images must be printed at the right size to be viewed properly (260mm by 820mm);
- You should hold the images flat at a comfortable arm's length. If viewing these images on a wall or board at an exhibition, you should stand at arm's length from the image presented.
- The ZTV presented here takes no account of the screening effects of vegetation or buildings.

Additional notes:

1. This figure has been based on the following parameters:
Turbine layout file: LACHEILIDH004.WFL
• Hub height: 122.5m / 155.5m
• Rotor diameter: 155m
• Height to blade tip: 200m / 230m
2. Turbine positions could be subject to micro-siting (typically up to 50m).
3. Direction given as bearing relative to Grid North (BNG).
4. The number of turbine blades and hubs theoretically visible is counted from the wireframe in sets of 3 and ignores the screening effects of any intervening objects and forestry.
5. This figure is produced in accordance with SNH Visual Representation of Wind Farms 2017 guidance and also broadly accords with the Landscape Institute's Technical Guidance Note 6/19 (Type 4 Visualisation).

Client



Acheilidh Wind Farm
EIA Report

Figure 6.22a
Viewpoint 5:
A839 near Rovie Lodge

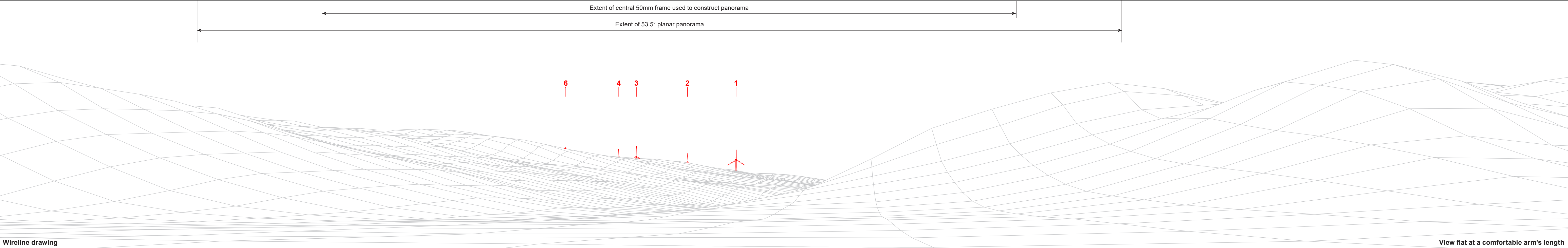
April 2024





Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

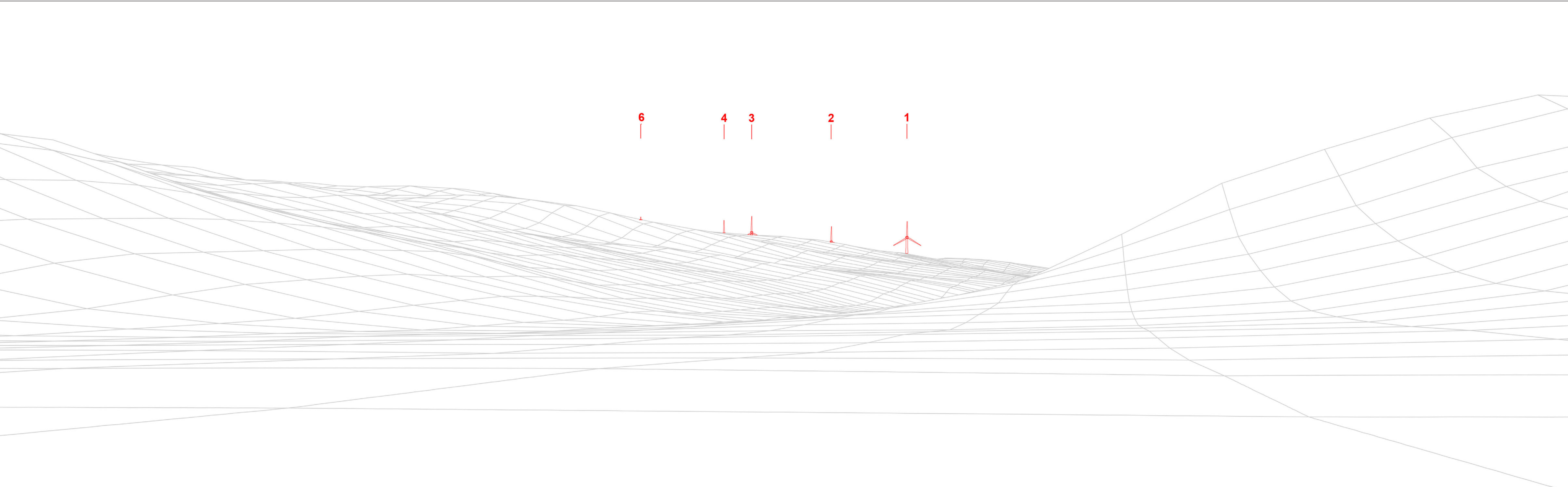
Note: Turbines 1 and 2 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Acheilidh Wind Farm Existing Consented Application Scoping

OS reference:	N271 473, E903 741	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony A7 III
Eye level:	22.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	266°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	6,733m	Correct printed image size:	820 x 130mm	Date and time:	07/02/2023 10:25

Client		Acheilidh Wind Farm EIA Report	Figure 6.22b Viewpoint 5: A839 near Rovie Lodge	April 2024	
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C:\Users\UKG\OneDrive - WSP\OneDrive - WSP\0385\ArcGIS\Lang 3\1\Design\Figure 6.22a-e VP5 A839 Rovie 808755-WSP-FIG-5A-00122_Rt.indd Originator: wiled03



Wireline drawing

Note: Turbines 1 and 2 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key:

Acheilidh Wind Farm

Existing

Consented

Application

Scoping

OS reference:

N271 473, E903 741

Eye level:

22.5m AOD

Direction of view:

266°

Nearest turbine:

6.733m

Horizontal field of view:

53.5° (planar projection)

Principal distance:

812.5mm

Paper size:

841mm x 297mm (half A1)

Correct printed image size:

820 x 260mm

Camera:

Sony A7 III

Lens:

50mm (Sony FE 50mm f/1.2 GM)

Camera height:

1.5m AGL

Date and time:

07/02/2023 10:25

Client

Acheilidh Wind Farm
EIA Report

Figure 6.22c
Viewpoint 5:
A839 near Rovie Lodge

April 2024

View flat at a comfortable arm's length

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Photomontage

View flat at a comfortable arm's length

OS reference:	N271 473, E903 741	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony A7 III
Eye level:	22.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	266°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	6,733m	Correct printed image size:	820 x 260mm	Date and time:	07/02/2023 10:25

Client



Acheilidh Wind Farm
EIA Report

Figure 6.22d
Viewpoint 5:
A839 near Rovie Lodge

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Photomontage

Note: This 90 degree FoV photomontage is produced in addition to the NatureScot 'Visual Representation of Wind Farms' guidance and illustrates the Proposed Development in its landscape setting.

OS reference:	N271 473, E903 741	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony A7 III
Eye level:	22.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	266°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	6,733m	Correct printed image size:	820 x 260mm	Date and time:	07/02/2023 10:25

Client



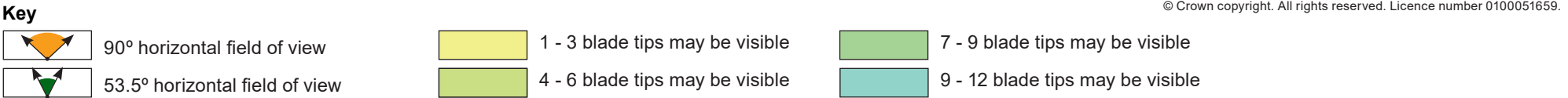
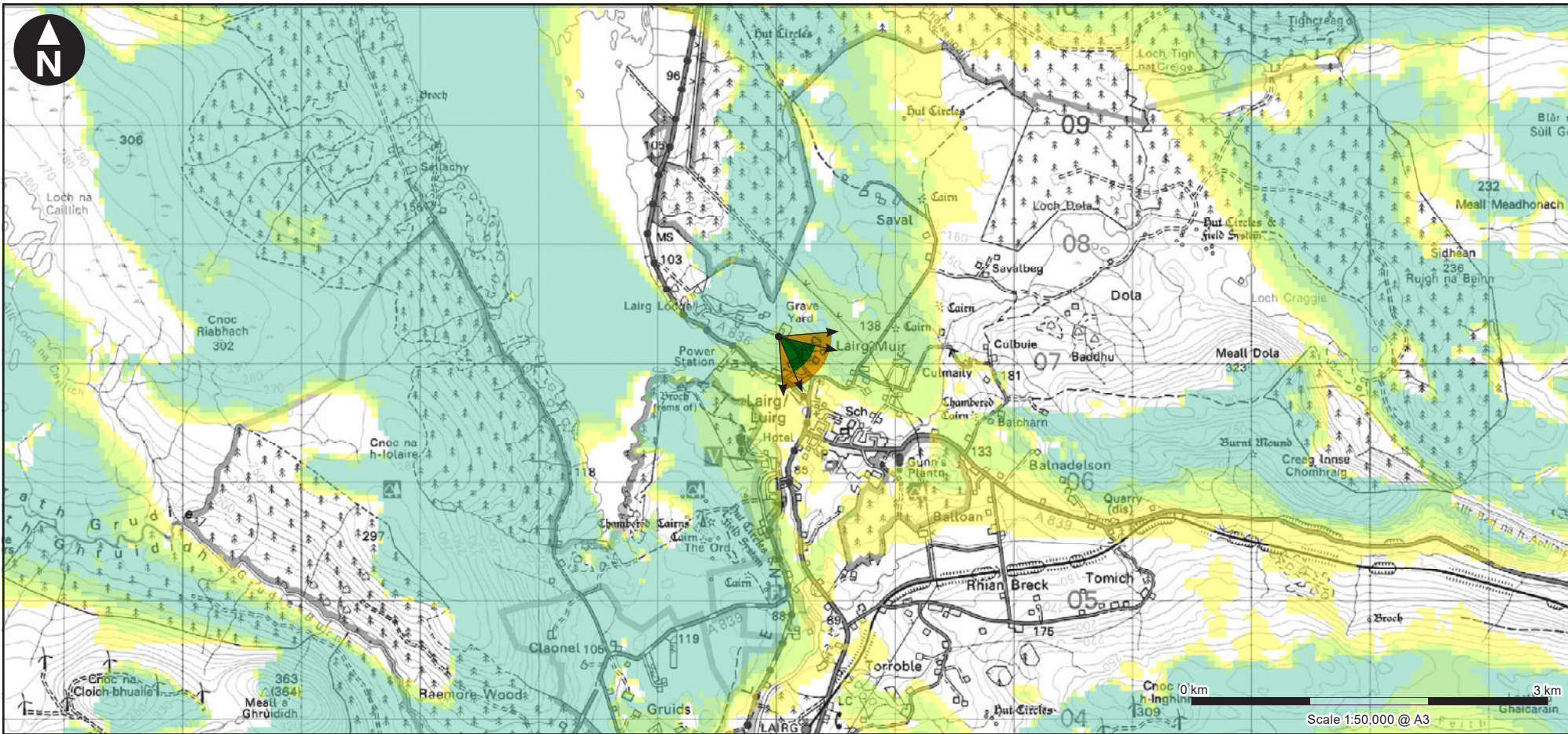
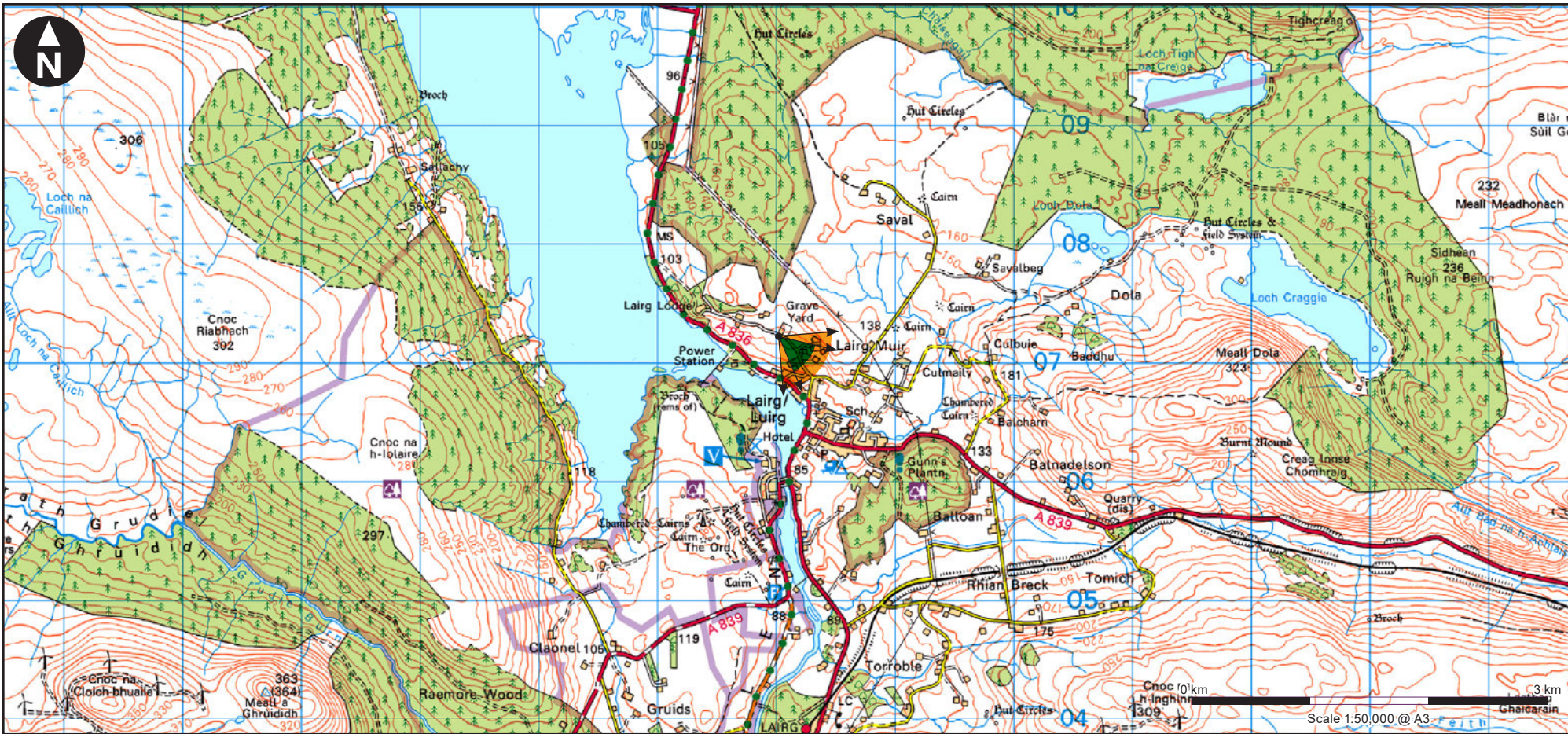
Acheilidh Wind Farm
EIA Report

Figure 6.22e
Viewpoint 5:
A839 near Rovie Lodge

View flat at a comfortable arm's length

April 2024





Viewpoint Parameters

OS reference:	N258 023, E907 226
Ground Level Elevation:	129m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	133°
Distance to nearest turbine:	7,412m
Number of blade tips theoretically visible ⁴ :	9
Number of hubs theoretically visible ⁴ :	3
Date and time of viewpoint photography:	07/02/2023 @ 14:30
Camera:	Sony A7 III
Lens:	50mm (Sony FE 50mm f/1.2 GM)

Information on the limitations of visualisations:

Visualisations of wind farms have a number of limitations which you should be aware of when using them to form a judgement on a wind farm proposal. These include:

- A visualisation can never show exactly what the wind farm will look like in reality due to factors such as: different lighting, weather and seasonal conditions which vary through time and the resolution of the image;
- The images provided give a reasonable impression of the scale of the turbines and the distance to the turbines, but can never be 100% accurate;
- A static image cannot convey turbine movement, or flicker or reflection from the sun on the turbine blades as they move;
- The viewpoints illustrated are representative of views in the area, but cannot represent visibility at all locations;
- To form the best impression of the impacts of the wind farm proposal these images are best viewed at the viewpoint location shown;
- The images must be printed at the right size to be viewed properly (260mm by 820mm);
- You should hold the images flat at a comfortable arm's length. If viewing these images on a wall or board at an exhibition, you should stand at arm's length from the image presented.
- The ZTV presented here takes no account of the screening effects of vegetation or buildings.

Additional notes:

1. This figure has been based on the following parameters:
Turbine layout file: LACHEILIDH004.WFL
• Hub height: 122.5m / 155.5m
• Rotor diameter: 155m
• Height to blade tip: 200m / 230m
2. Turbine positions could be subject to micro-siting (typically up to 50m).
3. Direction given as bearing relative to Grid North (BNG).
4. The number of turbine blades and hubs theoretically visible is counted from the wireframe in sets of 3 and ignores the screening effects of any intervening objects and forestry.
5. This figure is produced in accordance with SNH Visual Representation of Wind Farms 2017 guidance and also broadly accords with the Landscape Institute's Technical Guidance Note 6/19 (Type 4 Visualisation).

Client



Acheilidh Wind Farm
EIA Report

Figure 6.23a
Viewpoint 6:
Lairg Cemetery

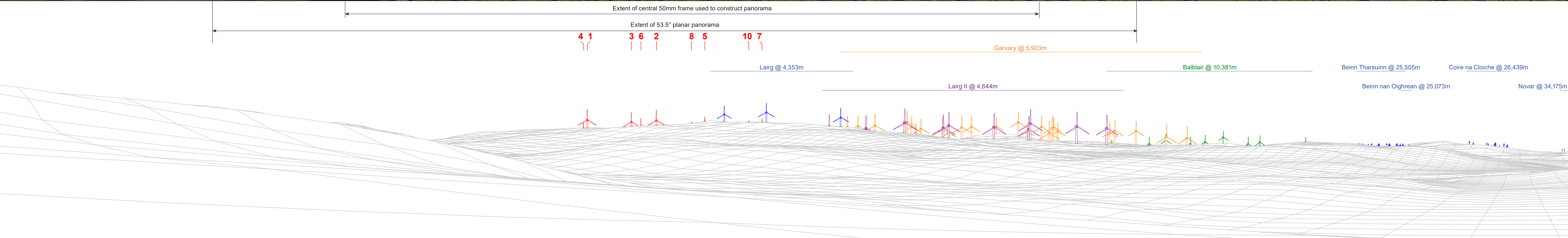
April 2024





Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

Note: Turbines 1 and 2 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Acheilidh Wind Farm Existing Consented Application Scoping

OS reference:	N258 023, E907 226	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony A7 III
Eye level:	130.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	130°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	7,412m	Correct printed image size:	820 x 130mm	Date and time:	07/02/2023 14:30



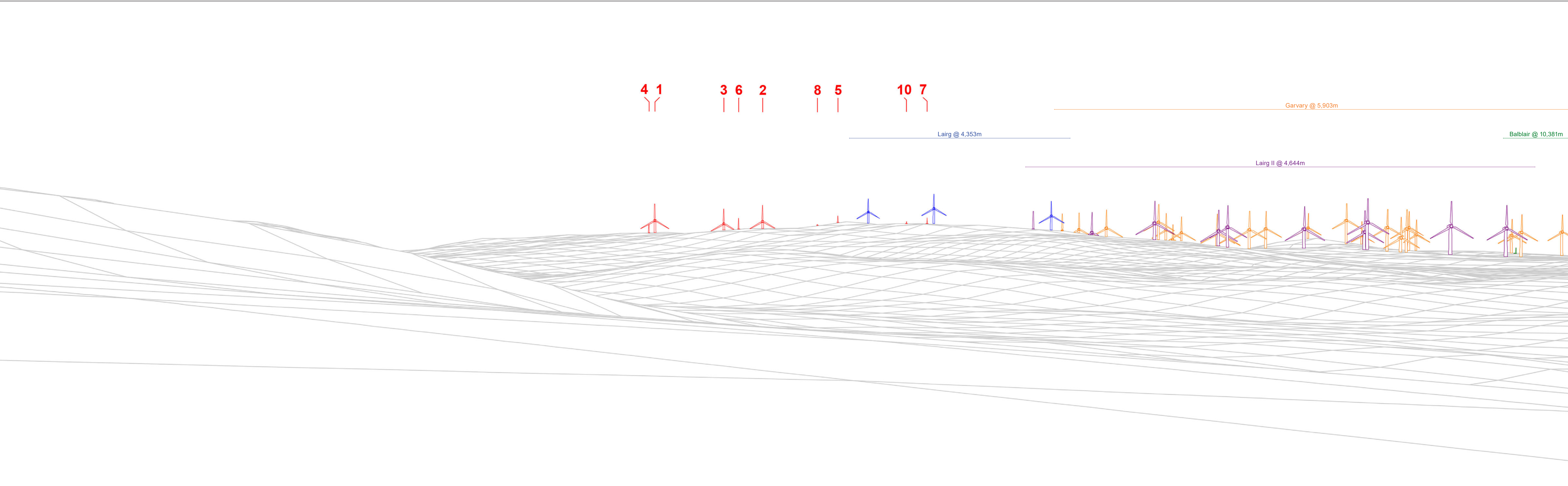
Acheilidh Wind Farm
EIA Report

Figure 6.23b
Viewpoint 6:
Lairg Cemetery

April 2024



C:\Users\UKG\OneDrive - WSP\OneDrive - WSP\0385\ArcGIS\Laing 31\Design\Figure 6.23a-e VP6 Cemetery 908755-WSP-EG-Sk-00123_R1.indd Originator: wils03



Wireline drawing
Note: Turbines 1 and 2 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key:
Acheilidh Wind Farm Existing Consented Application Scoping

OS reference:	N258 023, E907 226	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony A7 III	Client EnergieKontor	Acheilidh Wind Farm EIA Report	Figure 6.23c Viewpoint 6: Lairg Cemetery	April 2024	
Eye level:	130.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)					
Direction of view:	130°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL					
Nearest turbine:	7,412m	Correct printed image size:	820 x 260mm	Date and time:	07/02/2023 14:30					

View flat at a comfortable arm's length

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Photomontage

View flat at a comfortable arm's length

OS reference:	N258 023, E907 226	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony A7 III
Eye level:	130.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	130°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	7,412m	Correct printed image size:	820 x 260mm	Date and time:	07/02/2023 14:30

Client		Acheilidh Wind Farm EIA Report	Figure 6.23d Viewpoint 6: Lairg Cemetery	April 2024	
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Photomontage

Note: This 90 degree FoV photomontage is produced in addition to the NatureScot 'Visual Representation of Wind Farms' guidance and illustrates the Proposed Development in its landscape setting.

OS reference:	N258 023, E907 226	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony A7 III
Eye level:	130.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	130°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	7,412m	Correct printed image size:	820 x 260mm	Date and time:	07/02/2023 14:30

Client



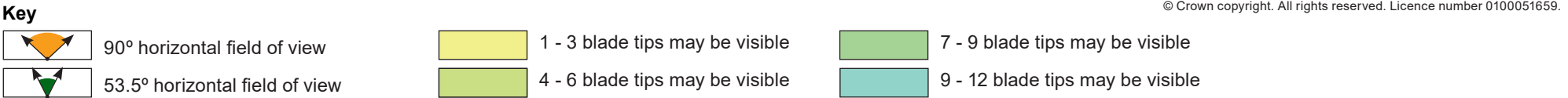
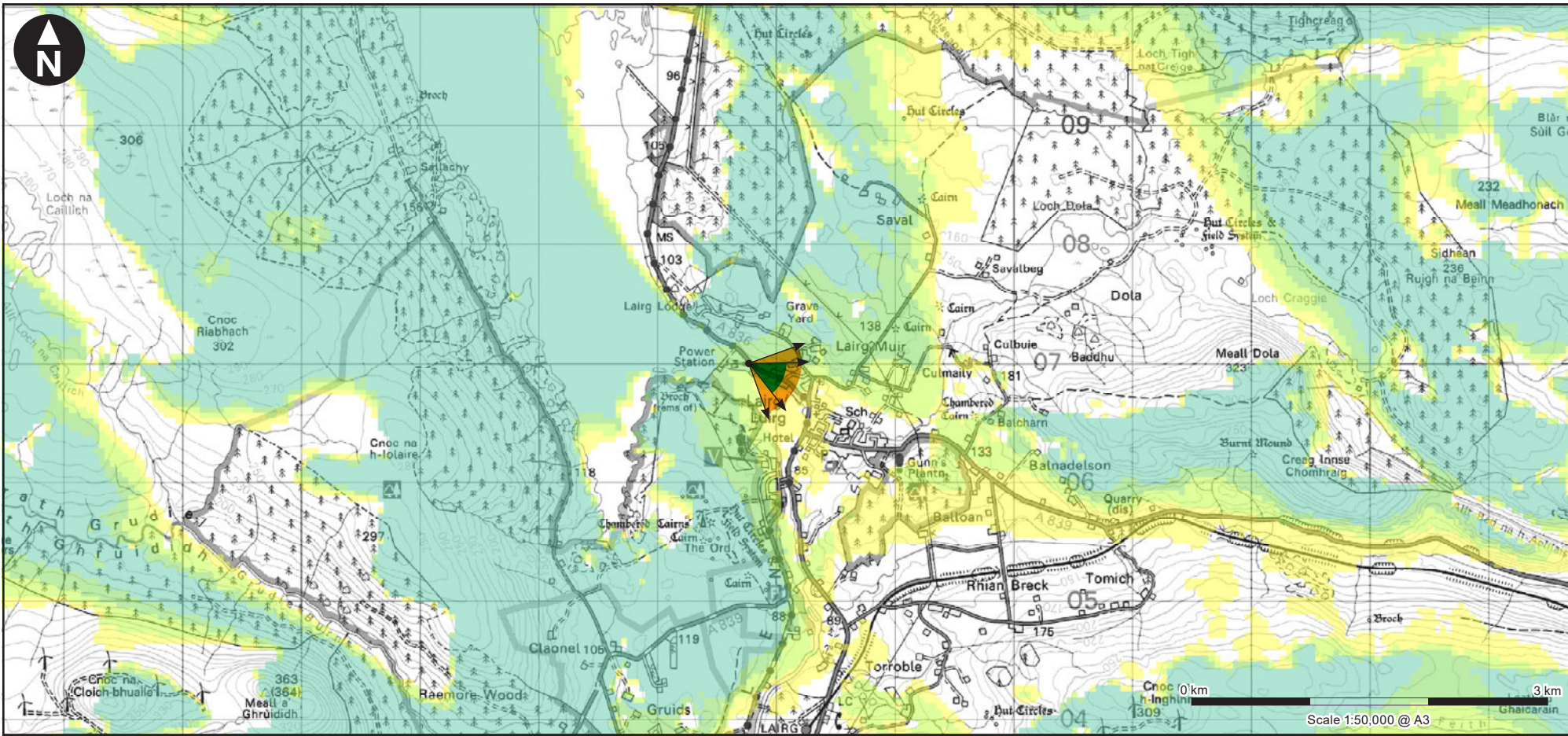
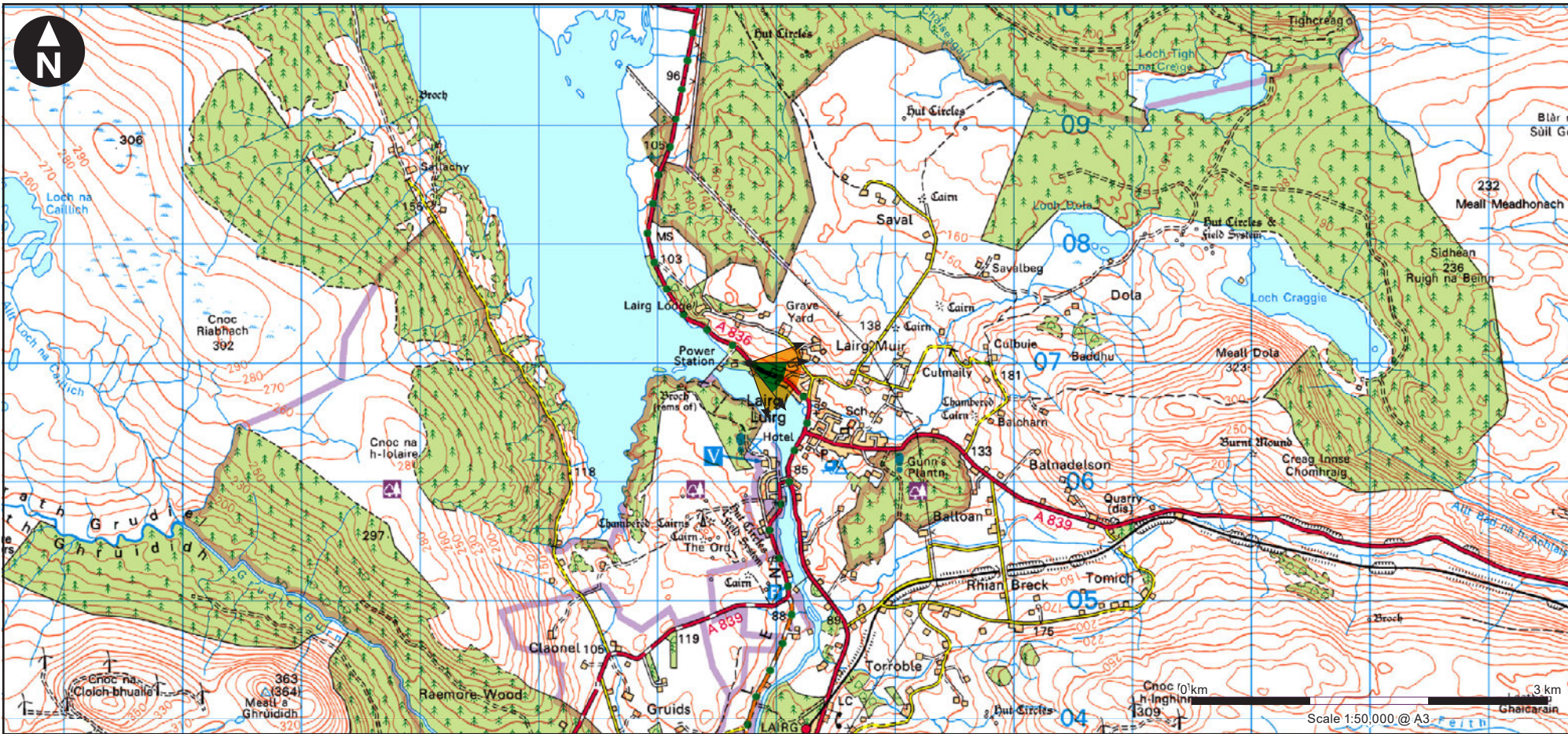
Acheilidh Wind Farm
EIA Report

Figure 6.23e
Viewpoint 6:
Lairg Cemetery

View flat at a comfortable arm's length

April 2024





Viewpoint Parameters

OS reference:	N257 768, E907 002
Ground Level Elevation:	104m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	131°
Distance to nearest turbine:	7,491m
Number of blade tips theoretically visible ⁴ :	7
Number of hubs theoretically visible ⁴ :	2
Date and time of viewpoint photography:	07/02/2023 @ 15:00
Camera:	Sony A7 III
Lens:	50mm (Sony FE 50mm f/1.2 GM)

Information on the limitations of visualisations:

Visualisations of wind farms have a number of limitations which you should be aware of when using them to form a judgement on a wind farm proposal. These include:

- A visualisation can never show exactly what the wind farm will look like in reality due to factors such as: different lighting, weather and seasonal conditions which vary through time and the resolution of the image;
- The images provided give a reasonable impression of the scale of the turbines and the distance to the turbines, but can never be 100% accurate;
- A static image cannot convey turbine movement, or flicker or reflection from the sun on the turbine blades as they move;
- The viewpoints illustrated are representative of views in the area, but cannot represent visibility at all locations;
- To form the best impression of the impacts of the wind farm proposal these images are best viewed at the viewpoint location shown;
- The images must be printed at the right size to be viewed properly (260mm by 820mm);
- You should hold the images flat at a comfortable arm's length. If viewing these images on a wall or board at an exhibition, you should stand at arm's length from the image presented.
- The ZTV presented here takes no account of the screening effects of vegetation or buildings.

Additional notes:

1. This figure has been based on the following parameters:
Turbine layout file: LACHEILIDH004.WFL
• Hub height: 122.5m / 155.5m
• Rotor diameter: 155m
• Height to blade tip: 200m / 230m
2. Turbine positions could be subject to micro-siting (typically up to 50m).
3. Direction given as bearing relative to Grid North (BNG).
4. The number of turbine blades and hubs theoretically visible is counted from the wireframe in sets of 3 and ignores the screening effects of any intervening objects and forestry.
5. This figure is produced in accordance with SNH Visual Representation of Wind Farms 2017 guidance and also broadly accords with the Landscape Institute's Technical Guidance Note 6/19 (Type 4 Visualisation).

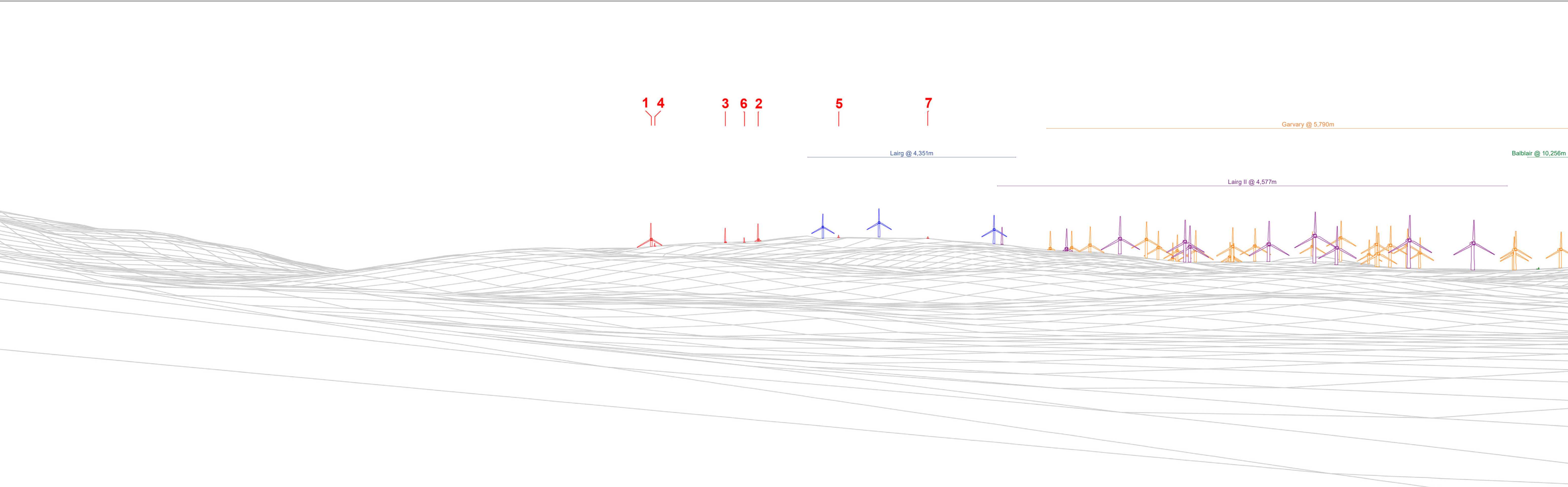
Client

Acheilidh Wind Farm
EIA Report

Figure 6.24a
Viewpoint 7:
A836 Laing between Pier
and Power Station

April 2024

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Wireline drawing
Note: Turbines 1 and 2 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key:	Acheilidh Wind Farm	Existing	Consented	Application	Scoping
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OS reference:	N257 768, E907 002	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony A7 III
Eye level:	105.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	115°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	7,491m	Correct printed image size:	820 x 260mm	Date and time:	07/02/2023 15:00

Client

Acheilidh Wind Farm
EIA Report

Figure 6.24c
Viewpoint 7:
A836 Lairg between Pier and Power Station

April 2024

View flat at a comfortable arm's length



Photomontage

View flat at a comfortable arm's length

OS reference:	N257 768, E907 002	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony A7 III
Eye level:	105.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	115°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	7,491m	Correct printed image size:	820 x 260mm	Date and time:	07/02/2023 15:00

Client		Acheilidh Wind Farm EIA Report	Figure 6.24d Viewpoint 7: A836 Laig between Pier and Power Station	April 2024	
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Photomontage

Note: This 90 degree FoV photomontage is produced in addition to the NatureScot 'Visual Representation of Wind Farms' guidance and illustrates the Proposed Development in its landscape setting.

OS reference:	N257 768, E907 002	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony A7 III
Eye level:	105.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	115°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	7,491m	Correct printed image size:	820 x 260mm	Date and time:	07/02/2023 15:00

Client



Acheilidh Wind Farm
EIA Report

Figure 6.24e
Viewpoint 7:
A836 Laig between Pier and Power Station

April 2024



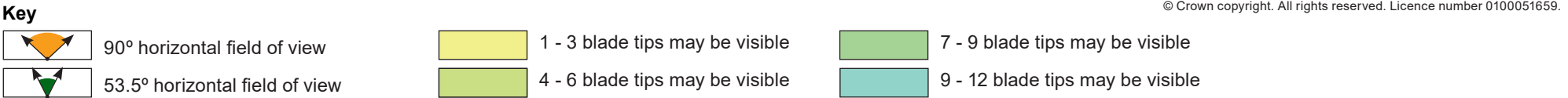
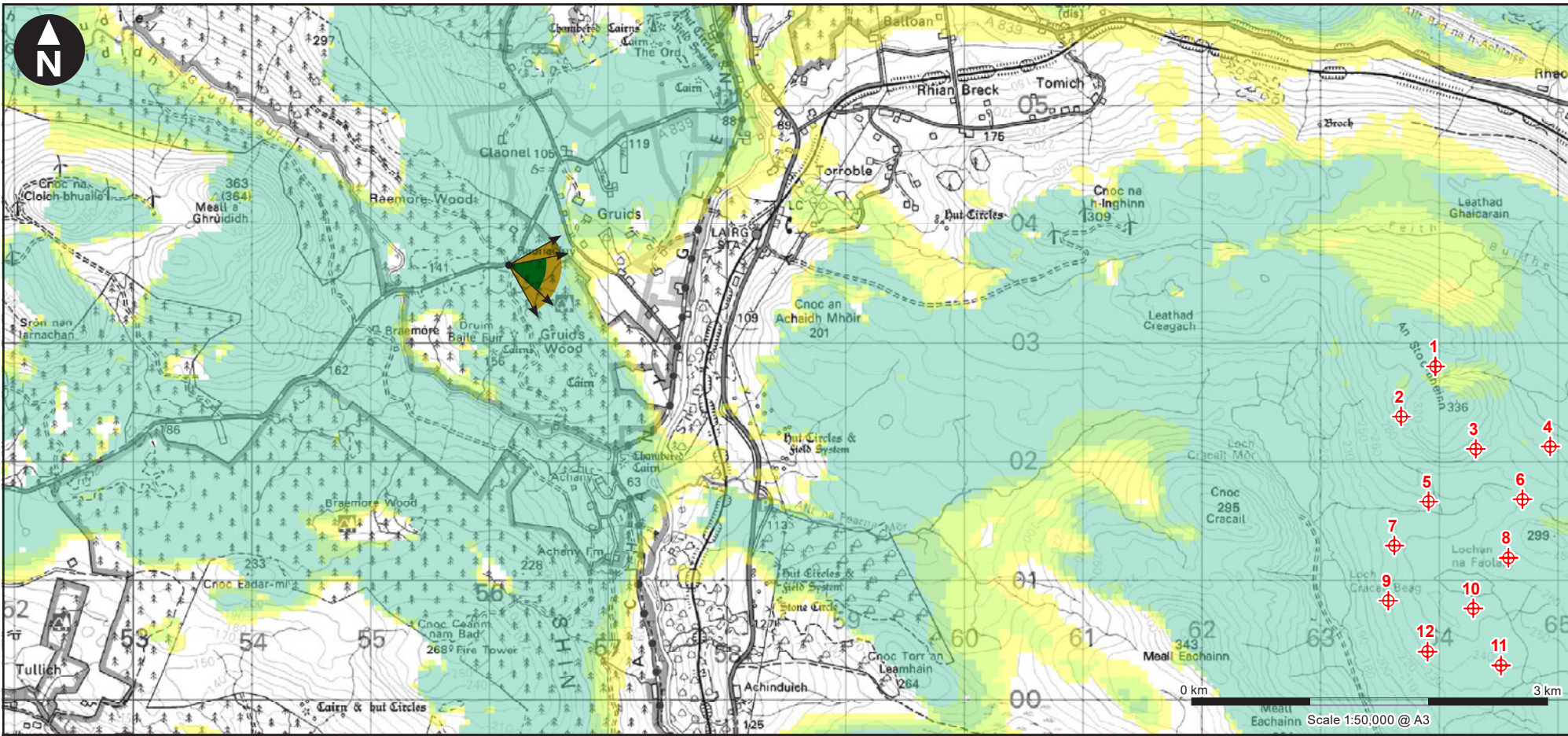
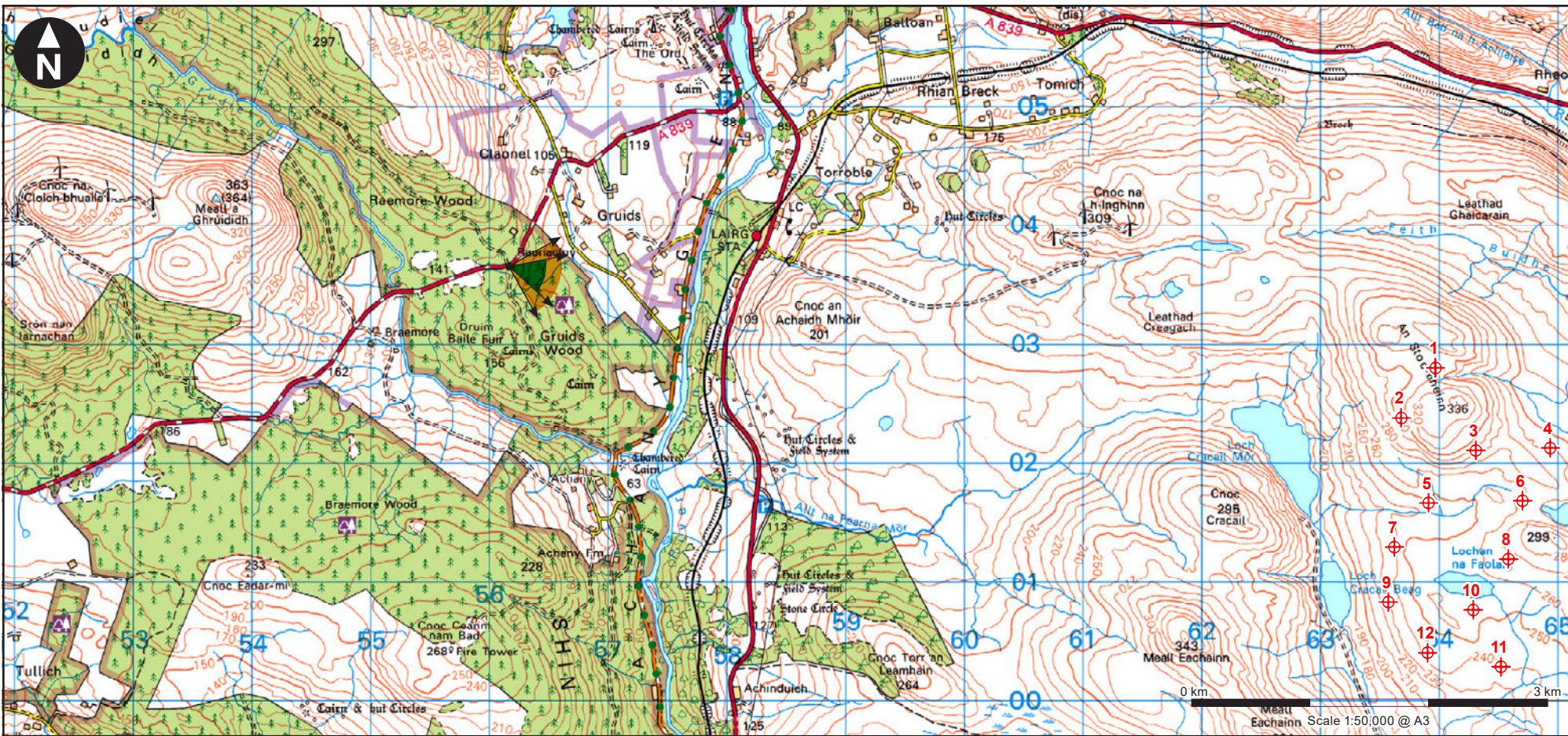
View flat at a comfortable arm's length

C:\Users\UKCGW775\OneDrive - WSP\0385\AcGIS\Laing 3\1\Design\Figure 6.24a-1\VP7 A836 Laing 038755-WSP-EG-SA-00124_R1.indd Originator: wisc03



Photomontage										View flat at a comfortable arm's length			
Notes: The existing Laing turbines have been rotated to face the viewer. This 90 degree FoV photomontage is produced in addition to the NatureScot 'Visual Representation of Wind Farms' guidance and illustrates the Proposed Development in its landscape setting.				OS reference:	N257 768, E907 002	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony A7 III	Client 	Acheilidh Wind Farm EIA Report	Figure 6.24f Viewpoint 7: A836 Laing between Pier and Power Station	April 2024 
				Eye level:	105.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)				
				Direction of view:	115°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL				
				Nearest turbine:	7,491m	Correct printed image size:	820 x 260mm	Date and time:	07/02/2023 15:00				

C:\Users\UKCGW775\OneDrive - WSP\0365\ArcGIS\Laing 3\InDesign\Figure 6.25a-g VP8 Gruids 808755-WSPE-FG-SA-00125_R1.indd Originator: wilsc03



Viewpoint Parameters

OS reference:	N256 163, E903 658
Ground Level Elevation:	132m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	105°
Distance to nearest turbine:	7,625m
Number of blade tips theoretically visible ⁴ :	12
Number of hubs theoretically visible ⁴ :	12
Date and time of viewpoint photography:	07/02/2023 @ 14:10
Camera:	Sony A7 III
Lens:	50mm (Sony FE 50mm f/1.2 GM)

Information on the limitations of visualisations:

Visualisations of wind farms have a number of limitations which you should be aware of when using them to form a judgement on a wind farm proposal. These include:

- A visualisation can never show exactly what the wind farm will look like in reality due to factors such as: different lighting, weather and seasonal conditions which vary through time and the resolution of the image;
- The images provided give a reasonable impression of the scale of the turbines and the distance to the turbines, but can never be 100% accurate;
- A static image cannot convey turbine movement, or flicker or reflection from the sun on the turbine blades as they move;
- The viewpoints illustrated are representative of views in the area, but cannot represent visibility at all locations;
- To form the best impression of the impacts of the wind farm proposal these images are best viewed at the viewpoint location shown;
- The images must be printed at the right size to be viewed properly (260mm by 820mm);
- You should hold the images flat at a comfortable arm's length. If viewing these images on a wall or board at an exhibition, you should stand at arm's length from the image presented.
- The ZTV presented here takes no account of the screening effects of vegetation or buildings.

Additional notes:

1. This figure has been based on the following parameters:
Turbine layout file: LACHEILIDH004.WFL
• Hub height: 122.5m / 155.5m
• Rotor diameter: 155m
• Height to blade tip: 200m / 230m
2. Turbine positions could be subject to micro-siting (typically up to 50m).
3. Direction given as bearing relative to Grid North (BNG).
4. The number of turbine blades and hubs theoretically visible is counted from the wireframe in sets of 3 and ignores the screening effects of any intervening objects and forestry.
5. This figure is produced in accordance with SNH Visual Representation of Wind Farms 2017 guidance and also broadly accords with the Landscape Institute's Technical Guidance Note 6/19 (Type 4 Visualisation).

Client



Acheilidh Wind Farm
EIA Report

Figure 6.25a
Viewpoint 8:
Gruids

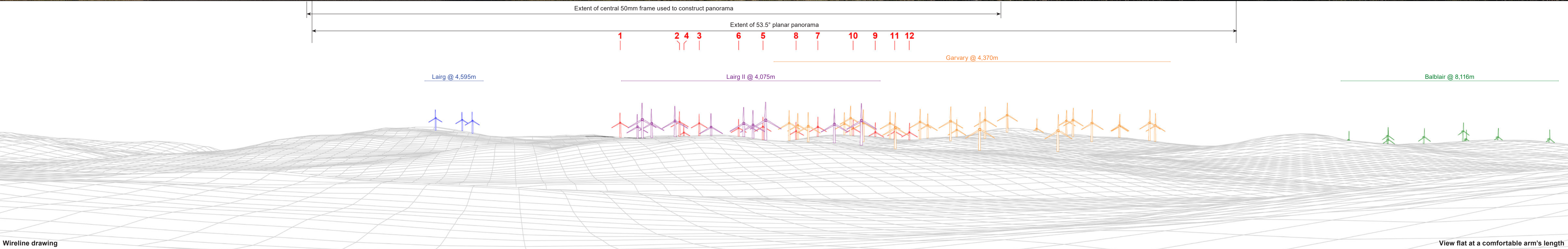
April 2024





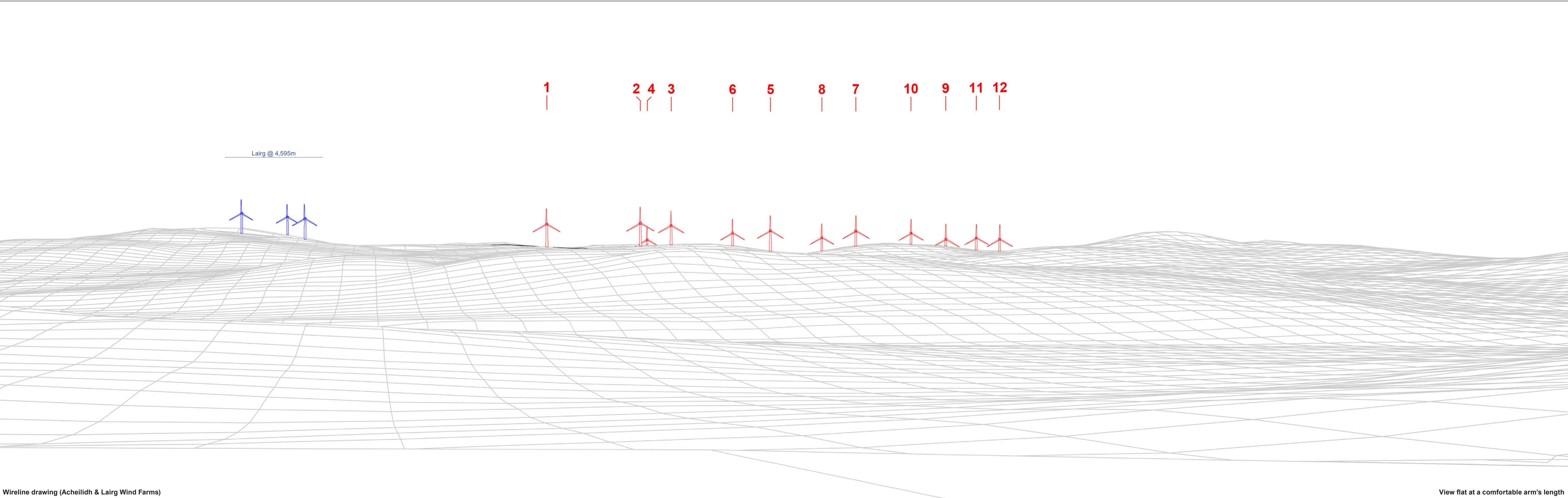
Baseline photograph

This image provides landscape and visual context only



Wind Farm Key: Acheilidh Wind Farm Existing Consented Application Scoping				OS reference: N256 163, E903 658 Eye level: 133.5m AOD Direction of view: 106° Nearest turbine: 7,625m		Horizontal field of view: 90° (cylindrical projection) Principal distance: 522mm Paper size: 841mm x 297mm (half A1) Correct printed image size: 820 x 130mm		Camera: Sony A7 III Lens: 50mm (Sony FE 50mm f/1.2 GM) Camera height: 1.5m AGL Date and time: 07/02/2023 14:10		Client:		Acheilidh Wind Farm EIA Report		Figure 6.25b Viewpoint 8: Gruids		April 2024	
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Wireline drawing (Acheilidh & Lairg Wind Farms)

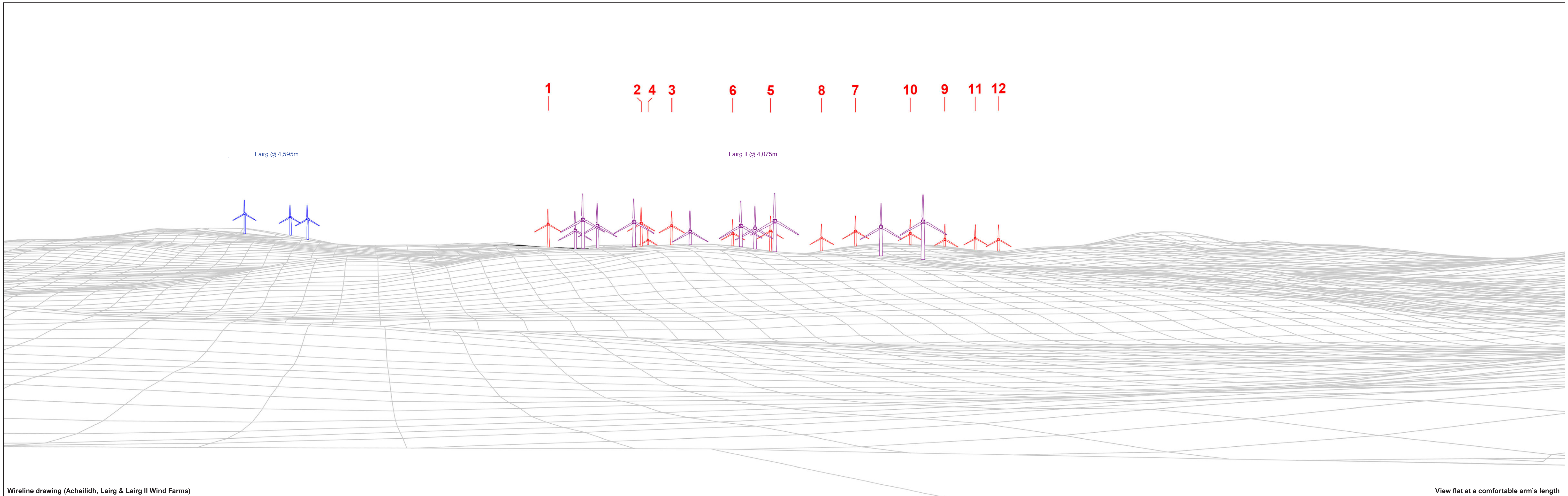
Note: Turbines 1, 2, 4, 8, 9 and 11 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key:  Acheilidh Wind Farm  Existing

OS reference:	N256 163, E903 658	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony A7 III
Eye level:	133.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	106°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	7,625m	Correct printed image size:	820 x 260mm	Date and time:	07/02/2023 14:10

Client			Acheilidh Wind Farm EIA Report	Figure 6.25c Viewpoint 8: Gruids	April 2024	
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Wireline drawing (Acheilidh, Lairg & Lairg II Wind Farms)

Note: Turbines 1, 2, 4, 8, 9 and 11 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Acheilidh Wind Farm Existing Consented

OS reference:	N256 163, E903 658	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony A7 III
Eye level:	133.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	106°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	7,625m	Correct printed image size:	820 x 260mm	Date and time:	07/02/2023 14:10

Client

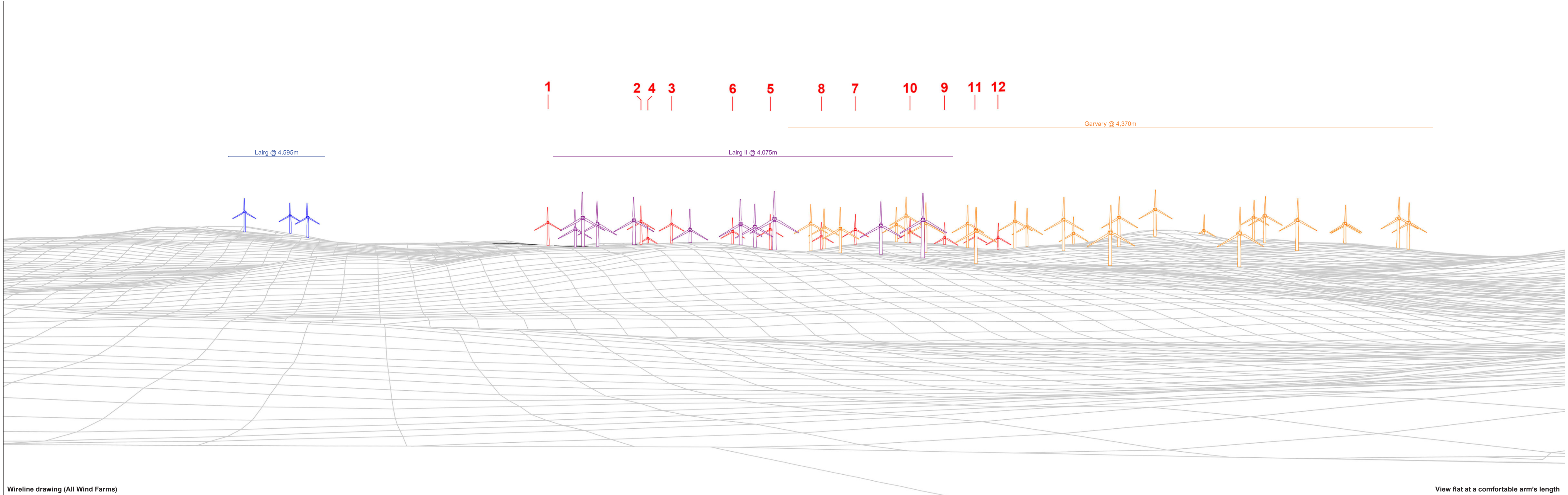
Acheilidh Wind Farm
EIA Report

Figure 6.25d
Viewpoint 8:
Gruids

April 2024

View flat at a comfortable arm's length

C:\Users\UKC\OneDrive - WSP\OneDrive - WSP\0385\Acheilidh\3D\Design\Figure 6.25e.g VP8 Gruids 808755-WSPE-FG-SA-00125_R1.indd Originator: wisc03



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Photomontage

View flat at a comfortable arm's length

OS reference:	N256 163, E903 658	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony A7 III
Eye level:	133.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	106°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	7,625m	Correct printed image size:	820 x 260mm	Date and time:	07/02/2023 14:10

Client

EnergieKontor

Acheilidh Wind Farm
EIA Report

Figure 6.25f
Viewpoint 8:
Gruids

April 2024



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Photomontage

Note: This 90 degree FoV photomontage is produced in addition to the NatureScot 'Visual Representation of Wind Farms' guidance and illustrates the Proposed Development in its landscape setting.

OS reference:	N256 163, E903 658	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony A7 III
Eye level:	133.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	106°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	7,625m	Correct printed image size:	820 x 260mm	Date and time:	07/02/2023 14:10

Client



Acheilidh Wind Farm
EIA Report

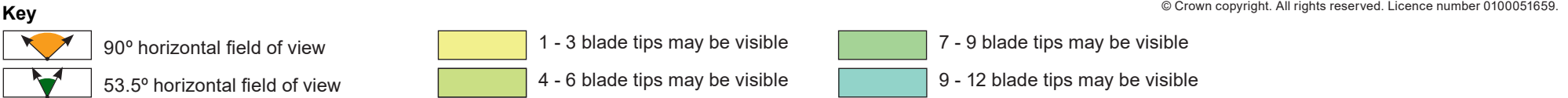
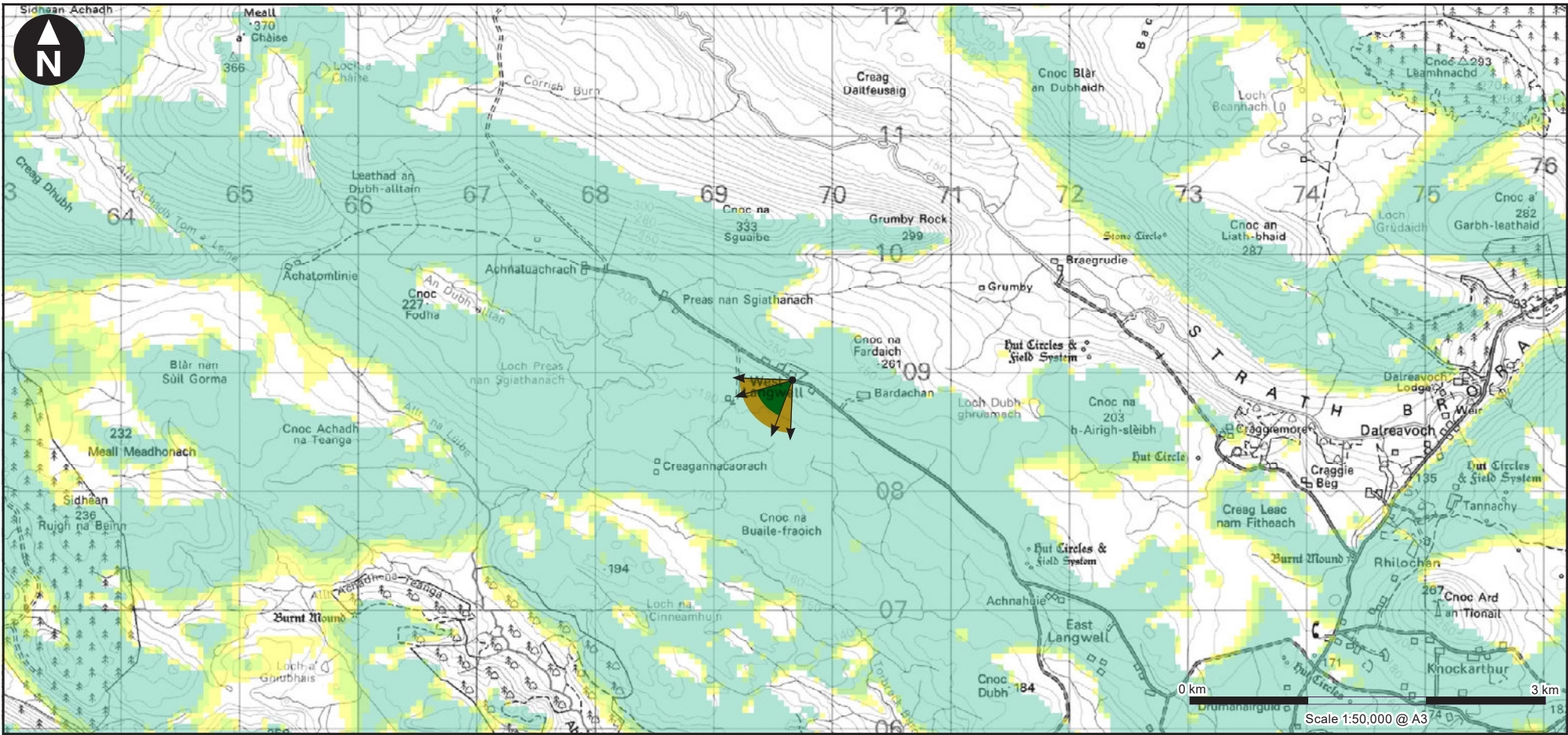
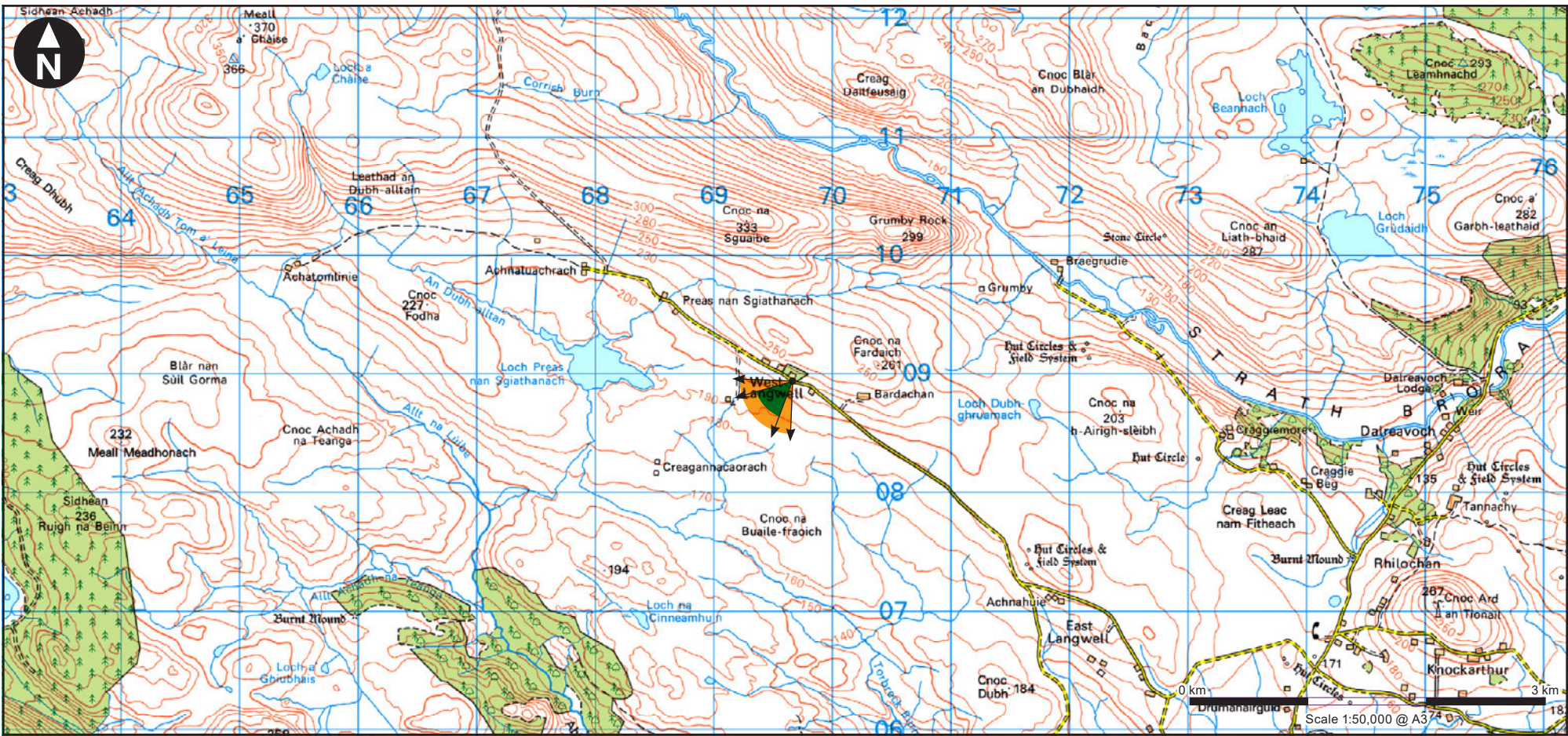
Figure 6.25g
Viewpoint 8:
Gruids

View flat at a comfortable arm's length

April 2024



C:\Users\UKCGW775\OneDrive - WSP\0365\ArcGIS\Laing 3\InDesign\Figure 6.26a-e VP9 West Langwell 808755-WSP-FG-SA-00126_R1.indd Originator: wisc03



Viewpoint Parameters

OS reference:	N269 664, E908 943
Ground Level Elevation:	229m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	216°
Distance to nearest turbine:	8,293m
Number of blade tips theoretically visible ⁴ :	12
Number of hubs theoretically visible ⁴ :	12
Date and time of viewpoint photography:	09/11/2023 @ 10:15
Camera:	Sony A7 III
Lens:	50mm (Sony FE 50mm f/1.2 GM)

Information on the limitations of visualisations:

Visualisations of wind farms have a number of limitations which you should be aware of when using them to form a judgement on a wind farm proposal. These include:

- A visualisation can never show exactly what the wind farm will look like in reality due to factors such as: different lighting, weather and seasonal conditions which vary through time and the resolution of the image;
- The images provided give a reasonable impression of the scale of the turbines and the distance to the turbines, but can never be 100% accurate;
- A static image cannot convey turbine movement, or flicker or reflection from the sun on the turbine blades as they move;
- The viewpoints illustrated are representative of views in the area, but cannot represent visibility at all locations;
- To form the best impression of the impacts of the wind farm proposal these images are best viewed at the viewpoint location shown;
- The images must be printed at the right size to be viewed properly (260mm by 820mm);
- You should hold the images flat at a comfortable arm's length. If viewing these images on a wall or board at an exhibition, you should stand at arm's length from the image presented.
- The ZTV presented here takes no account of the screening effects of vegetation or buildings.

Additional notes:

1. This figure has been based on the following parameters:
Turbine layout file: LACHEILIDH004.WFL
• Hub height: 122.5m / 155.5m
• Rotor diameter: 155m
• Height to blade tip: 200m / 230m
2. Turbine positions could be subject to micro-siting (typically up to 50m).
3. Direction given as bearing relative to Grid North (BNG).
4. The number of turbine blades and hubs theoretically visible is counted from the wireframe in sets of 3 and ignores the screening effects of any intervening objects and forestry.
5. This figure is produced in accordance with SNH Visual Representation of Wind Farms 2017 guidance and also broadly accords with the Landscape Institute's Technical Guidance Note 6/19 (Type 4 Visualisation).

Client



Acheilidh Wind Farm
EIA Report

Figure 6.26a
Viewpoint 9:
West Langwell

April 2024

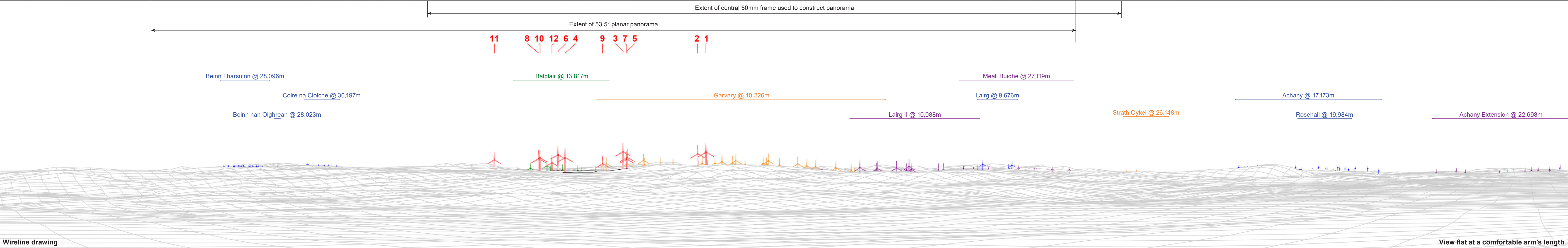


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Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

Note: Turbines 1, 2, 4, 8, 9 and 11 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Acheilidh Wind Farm Existing Consented Application Scoping

OS reference:	N269 664, E908 943	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony A7 III
Eye level:	230.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	227°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	8,293m	Correct printed image size:	820 x 130mm	Date and time:	09/11/2023 10:15

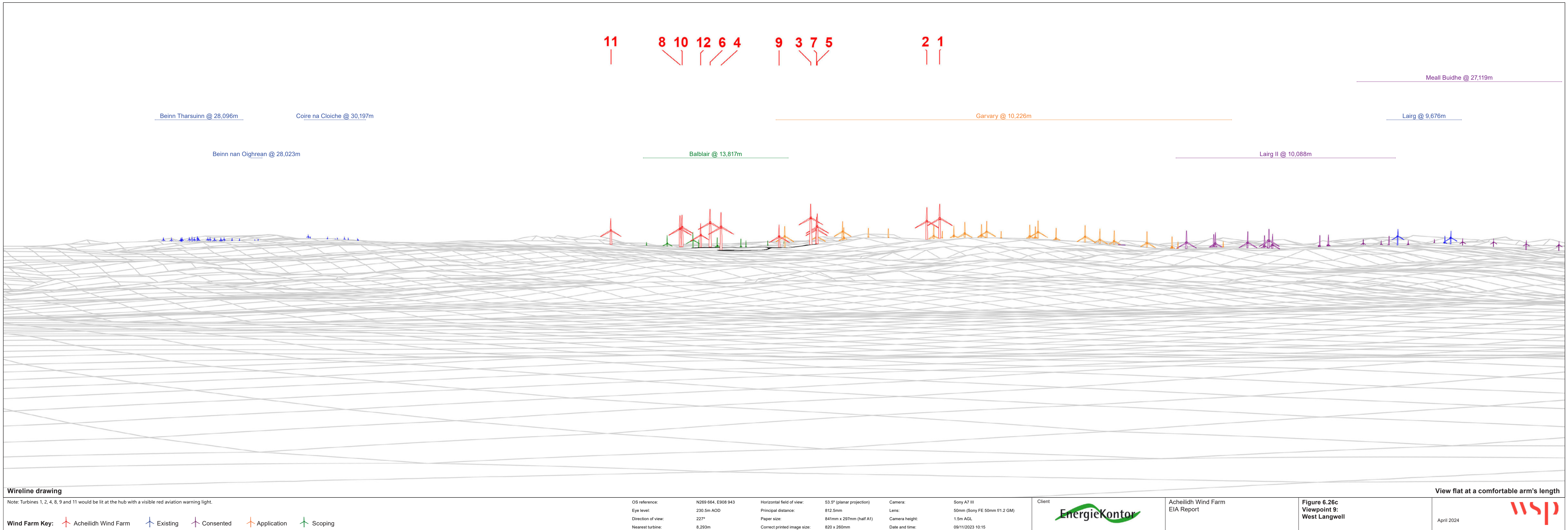


Acheilidh Wind Farm
EIA Report

Figure 6.26b
Viewpoint 9:
West Langwell

April 2024





C:\Users\UKCGW75\OneDrive - WSP\0355\AcGIS\Lang 31\Design\Figure 6.26a-e VP9 West Langwell 809755-WSPE-FG-SA-00125_Rt.indd Originator: wils03



Photomontage

View flat at a comfortable arm's length

OS reference:	N269 664, E908 943	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony A7 III
Eye level:	230.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	227°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	8.293m	Correct printed image size:	820 x 260mm	Date and time:	09/11/2023 10:15



Acheilidh Wind Farm
EIA Report

Figure 6.26d
Viewpoint 9:
West Langwell

April 2024

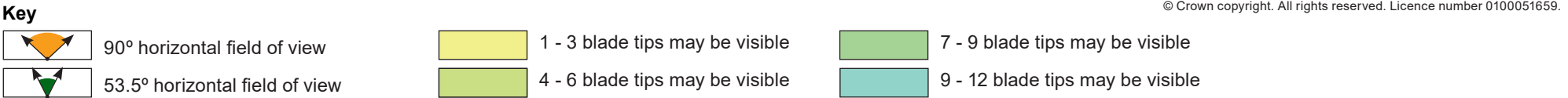
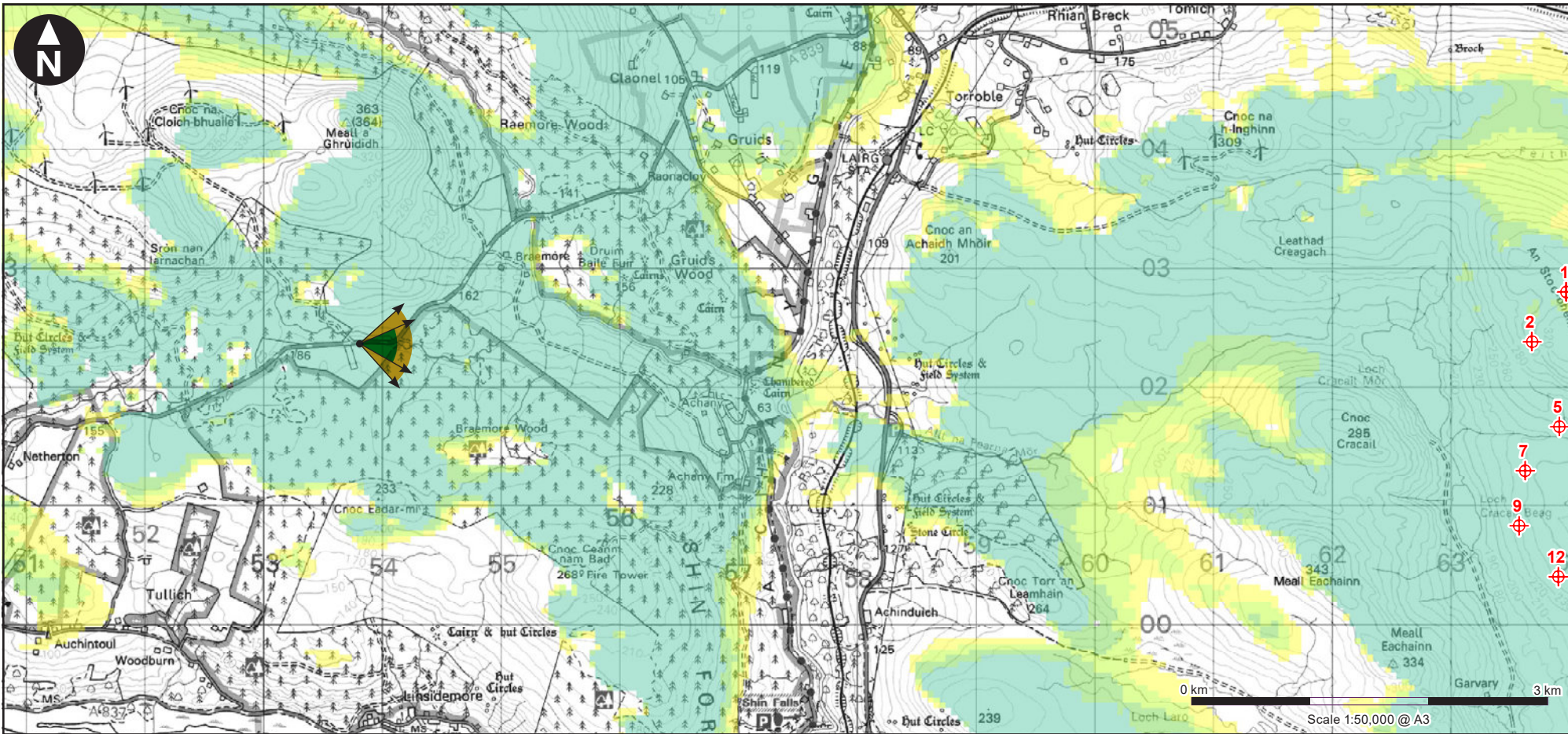
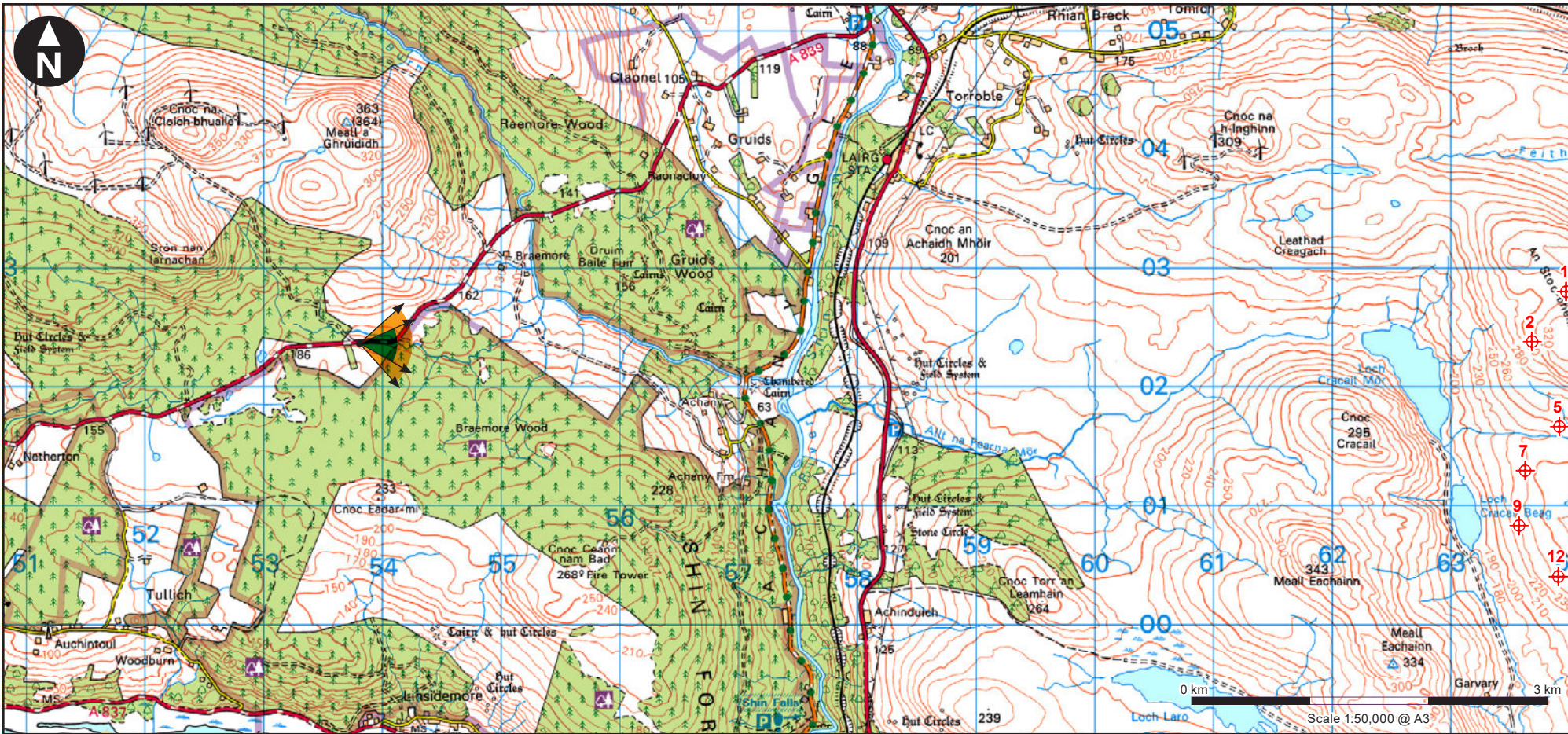


C:\Users\UKG\OneDrive - WSP\OneDrive - WSP\0385\AcGIS\Lang 31\Design\Figure 6.26a-e VP9 West Langwell 809755-WSPE-FG-Sk-00125_Rt.indd Originator: wils03



Photomontage										View flat at a comfortable arm's length															
Note: This 90 degree FoV photomontage is produced in addition to the NatureScot 'Visual Representation of Wind Farms' guidance and illustrates the Proposed Development in its landscape setting.										OS reference:		N269 664, E908 943		Horizontal field of view:		90° (cylindrical projection)		Camera:		Sony A7 III		Client 	Acheilidh Wind Farm EIA Report	Figure 6.26e Viewpoint 9: West Langwell	
										Eye level:		230.5m AOD		Principal distance:		522mm		Lens:		50mm (Sony FE 50mm f/1.2 GM)					
										Direction of view:		227°		Paper size:		841mm x 297mm (half A1)		Camera height:		1.5m AGL					
										Nearest turbine:		8,293m		Correct printed image size:		820 x 260mm		Date and time:		09/11/2023 10:15					

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Viewpoint Parameters

OS reference:	N253 805, E902 365
Ground Level Elevation:	177m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	95°
Distance to nearest turbine:	9,876m
Number of blade tips theoretically visible ⁴ :	12
Number of hubs theoretically visible ⁴ :	12
Date and time of viewpoint photography:	09/11/2023 @ 14:40
Camera:	Sony A7 III
Lens:	50mm (Sony FE 50mm f/1.2 GM)

Information on the limitations of visualisations:

Visualisations of wind farms have a number of limitations which you should be aware of when using them to form a judgement on a wind farm proposal. These include:

- A visualisation can never show exactly what the wind farm will look like in reality due to factors such as: different lighting, weather and seasonal conditions which vary through time and the resolution of the image;
- The images provided give a reasonable impression of the scale of the turbines and the distance to the turbines, but can never be 100% accurate;
- A static image cannot convey turbine movement, or flicker or reflection from the sun on the turbine blades as they move;
- The viewpoints illustrated are representative of views in the area, but cannot represent visibility at all locations;
- To form the best impression of the impacts of the wind farm proposal these images are best viewed at the viewpoint location shown;
- The images must be printed at the right size to be viewed properly (260mm by 820mm);
- You should hold the images flat at a comfortable arm's length. If viewing these images on a wall or board at an exhibition, you should stand at arm's length from the image presented.
- The ZTV presented here takes no account of the screening effects of vegetation or buildings.

Additional notes:

1. This figure has been based on the following parameters:
Turbine layout file: LACHEILIDH004.WFL
• Hub height: 122.5m / 155.5m
• Rotor diameter: 155m
• Height to blade tip: 200m / 230m
2. Turbine positions could be subject to micro-siting (typically up to 50m).
3. Direction given as bearing relative to Grid North (BNG).
4. The number of turbine blades and hubs theoretically visible is counted from the wireframe in sets of 3 and ignores the screening effects of any intervening objects and forestry.
5. This figure is produced in accordance with SNH Visual Representation of Wind Farms 2017 guidance and also broadly accords with the Landscape Institute's Technical Guidance Note 6/19 (Type 4 Visualisation).

Client



Acheilidh Wind Farm
EIA Report

Figure 6.27a
Viewpoint 10:
A839 Rosehall - Lairg

April 2024

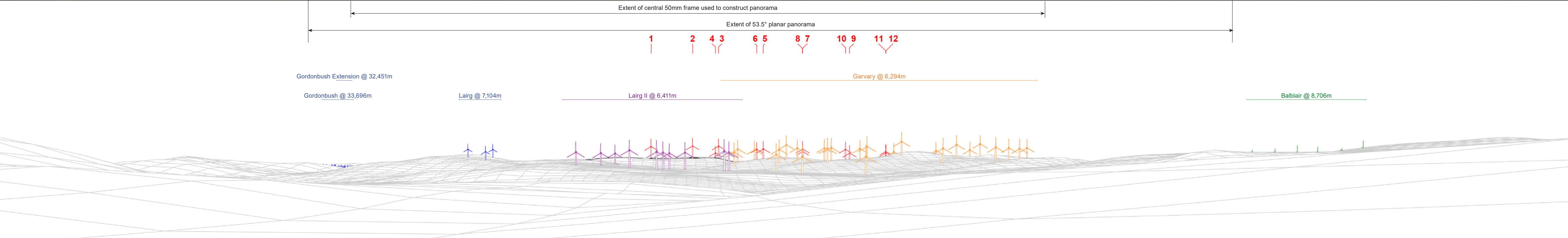


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Originator: wilead3



Baseline photograph

This image provides landscape and visual context only



Wireline drawing

Note: Turbines 1, 2, 4, 8, 9 and 11 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Acheilidh Wind Farm Existing Consented Application Scoping

OS reference:	N253 805, E902 365	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony A7 III
Eye level:	178.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	93°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	9,876m	Correct printed image size:	820 x 130mm	Date and time:	09/11/2023 14:40

Client



Acheilidh Wind Farm
EIA Report

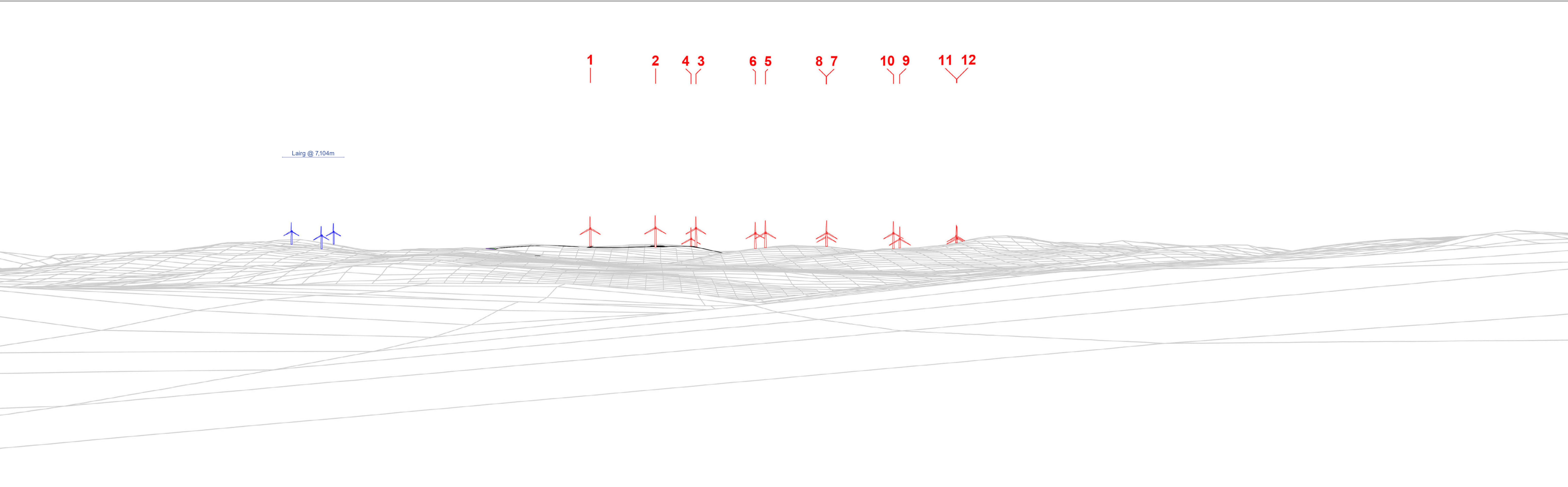
Figure 6.27b
Viewpoint 10:
A839 Rosehall - Lairg

View flat at a comfortable arm's length

April 2024



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Wireline drawing (Acheilidh & Lairg Wind Farms)

Note: Turbines 1, 2, 4, 8, 9 and 11 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Acheilidh Wind Farm Existing

OS reference:	N253 805, E902 365	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony A7 III
Eye level:	178.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	93°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	9,876m	Correct printed image size:	820 x 260mm	Date and time:	09/11/2023 14:40

Client



Acheilidh Wind Farm
EIA Report

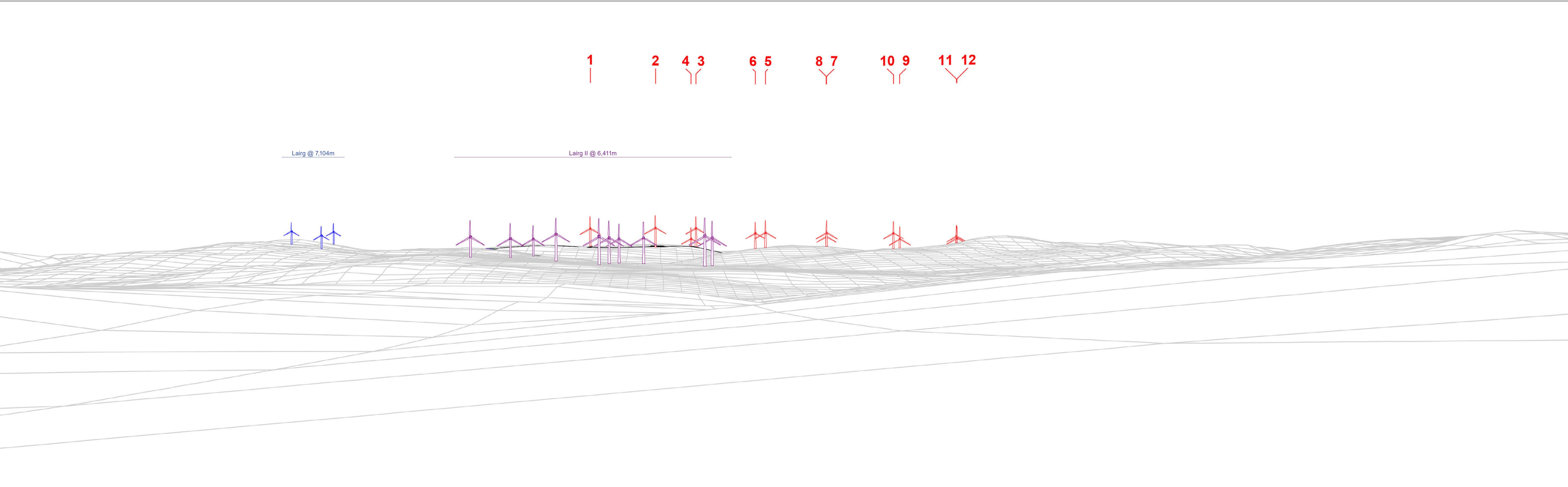
Figure 6.27c
Viewpoint 10:
A839 Rosehall - Lairg

April 2024



View flat at a comfortable arm's length

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Wireline drawing (Acheilidh, Lairg & Lairg II Wind Farms)

Note: Turbines 1, 2, 4, 8, 9 and 11 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Acheilidh Wind Farm Existing Consented

OS reference:	N253 805, E902 365	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony A7 III
Eye level:	178.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	93°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	9,876m	Correct printed image size:	820 x 260mm	Date and time:	09/11/2023 14:40

Client

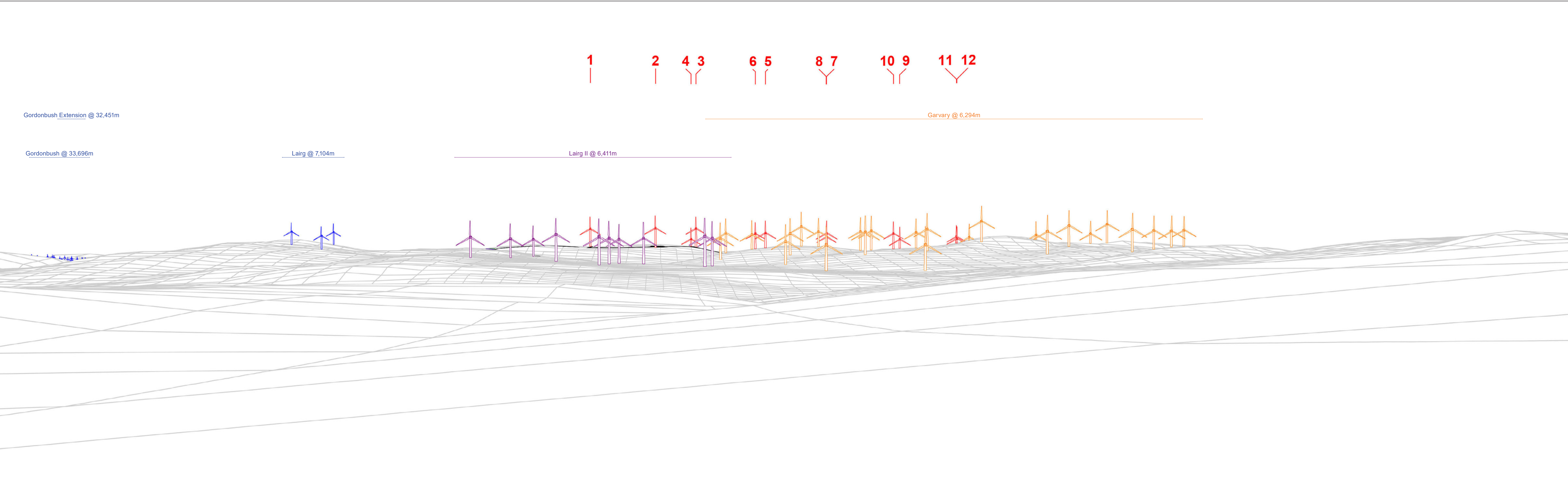
Acheilidh Wind Farm
EIA Report

Figure 6.27d
Viewpoint 10:
A839 Rosehall - Lairg

April 2024

View flat at a comfortable arm's length

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Originator: wiled3



Wireline drawing (All Wind Farms)
Note: Turbines 1, 2, 4, 8, 9 and 11 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key:	Acheilidh Wind Farm	Existing	Consented	Application	Scoping
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OS reference:	N253 805, E902 365	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony A7 III
Eye level:	178.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	93°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	9,876m	Correct printed image size:	820 x 260mm	Date and time:	09/11/2023 14:40

Client

Acheilidh Wind Farm
EIA Report

Figure 6.27e
Viewpoint 10:
A839 Rosehall - Lairg

April 2024

View flat at a comfortable arm's length

C:\Users\UKC\OneDrive - WSP\OneDrive - WSP\0385\A839 Rosehall\3\1\Design\Figure 6.27f - VP10 A839 Rosehall 808755-WSP-FC-SA-00107_R1.mxd
Originator: wilsed3



Photomontage

View flat at a comfortable arm's length

OS reference:	N253 805, E902 365	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony A7 III
Eye level:	178.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	93°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	9,876m	Correct printed image size:	820 x 260mm	Date and time:	09/11/2023 14:40

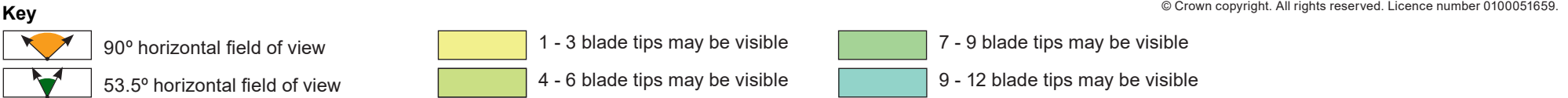
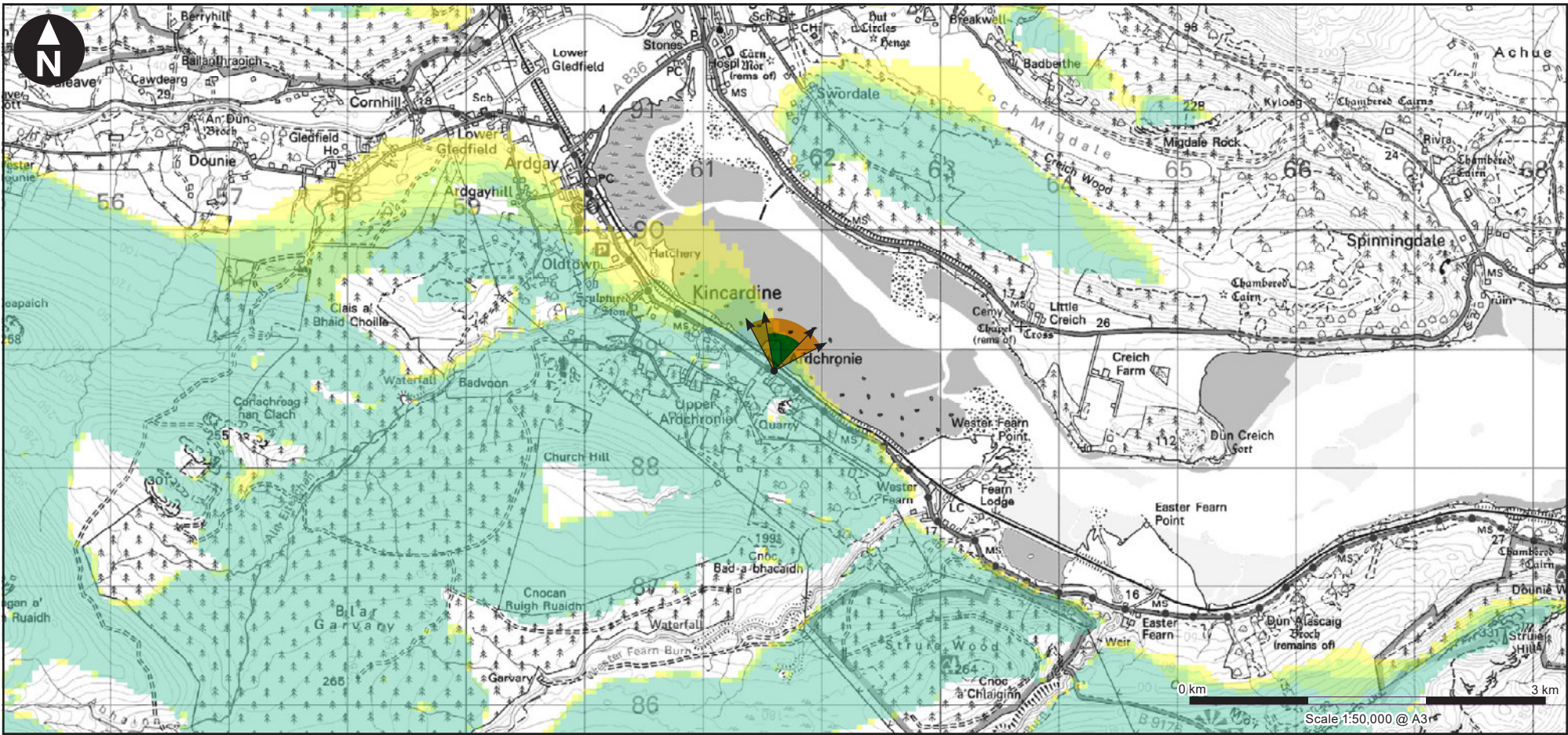
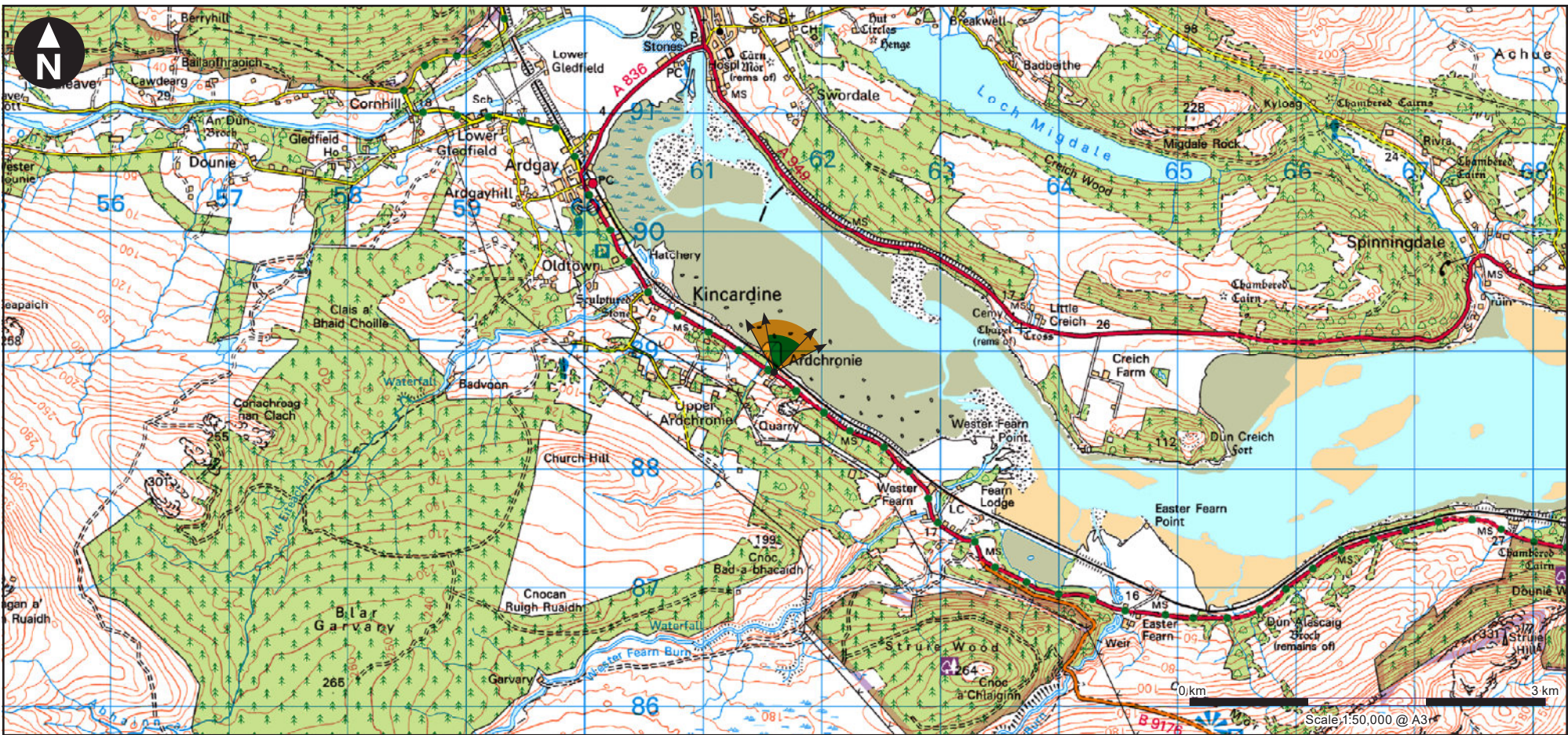


Acheilidh Wind Farm
EIA Report

Figure 6.27f
Viewpoint 10:
A839 Rosehall - Lairg

April 2024





Viewpoint Parameters

OS reference:	N261 598, E888 818
Ground Level Elevation:	15m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	11°
Distance to nearest turbine:	11,813m
Number of blade tips theoretically visible ⁴ :	12
Number of hubs theoretically visible ⁴ :	3
Date and time of viewpoint photography:	07/02/2023 @ 16:10
Camera:	Sony A7 III
Lens:	50mm (Sony FE 50mm f/1.2 GM)

Information on the limitations of visualisations:

Visualisations of wind farms have a number of limitations which you should be aware of when using them to form a judgement on a wind farm proposal. These include:

- A visualisation can never show exactly what the wind farm will look like in reality due to factors such as: different lighting, weather and seasonal conditions which vary through time and the resolution of the image;
- The images provided give a reasonable impression of the scale of the turbines and the distance to the turbines, but can never be 100% accurate;
- A static image cannot convey turbine movement, or flicker or reflection from the sun on the turbine blades as they move;
- The viewpoints illustrated are representative of views in the area, but cannot represent visibility at all locations;
- To form the best impression of the impacts of the wind farm proposal these images are best viewed at the viewpoint location shown;
- The images must be printed at the right size to be viewed properly (260mm by 820mm);
- You should hold the images flat at a comfortable arm's length. If viewing these images on a wall or board at an exhibition, you should stand at arm's length from the image presented.
- The ZTV presented here takes no account of the screening effects of vegetation or buildings.

Additional notes:

1. This figure has been based on the following parameters:
Turbine layout file: LACHEILDH004.WFL
• Hub height: 122.5m / 155.5m
• Rotor diameter: 155m
• Height to blade tip: 200m / 230m
2. Turbine positions could be subject to micro-siting (typically up to 50m).
3. Direction given as bearing relative to Grid North (BNG).
4. The number of turbine blades and hubs theoretically visible is counted from the wireframe in sets of 3 and ignores the screening effects of any intervening objects and forestry.
5. This figure is produced in accordance with SNH Visual Representation of Wind Farms 2017 guidance and also broadly accords with the Landscape Institute's Technical Guidance Note 6/19 (Type 4 Visualisation).

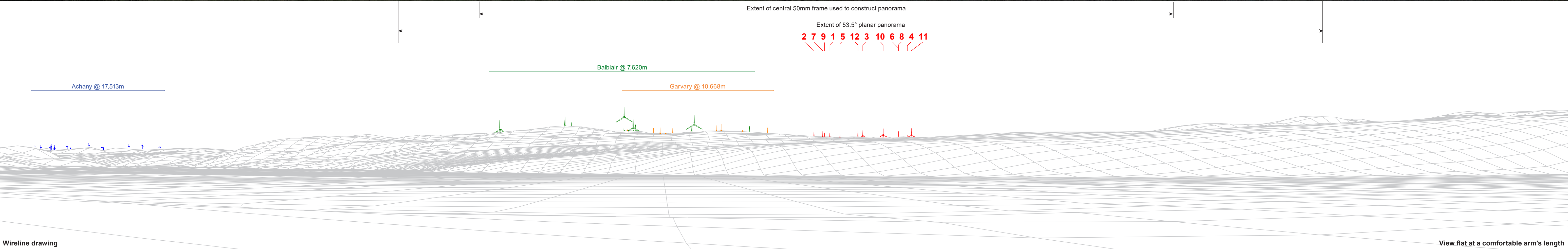
Client	
Acheilidh Wind Farm EIA Report	
Figure 6.28a Viewpoint 11: A836 Wester Fearn	
April 2024	





Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

Note: Turbine 11 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Acheilidh Wind Farm Existing Consented Application Scoping

OS reference:	N261 598, E888 818	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony A7 III
Eye level:	16.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	17°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	11,813m	Correct printed image size:	820 x 130mm	Date and time:	07/02/2023 16:10



Client
Acheilidh Wind Farm
EIA Report

Figure 6.28b
Viewpoint 11:
A836 Wester Fearn

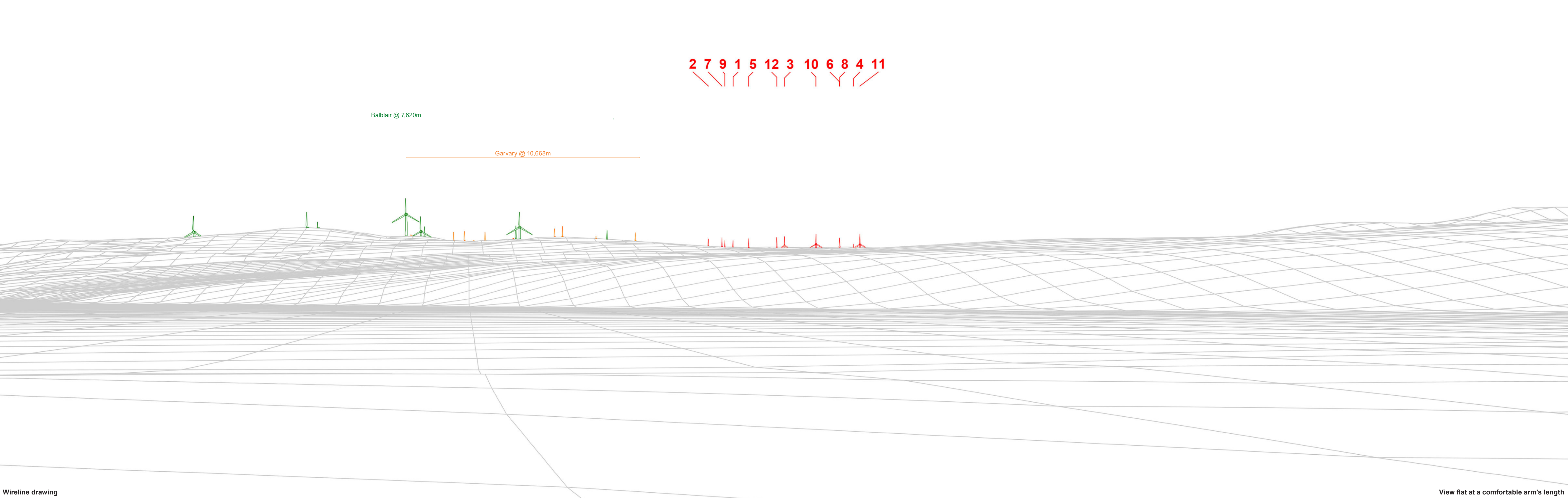
April 2024



C:\Users\UKC\OneDrive - WSP\OneDrive - WSP\0385\A836\Lang 31\Design\Figure 6.28a-e VP11 A836 Fearn 808755-WSP-FG-SA-00123_R1.indd

Originator: wisc03

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C:\Users\UKCGW775\OneDrive - WSP\0385\ArGIS\Lang 3\1\Design\Figure 6.28a-e VP11 A836 Fearn 808755-WSP-FG-SA-00123_R1.indd Originator: wilsc03



Photomontage

View flat at a comfortable arm's length

OS reference:	N261 598, E888 818	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony A7 III
Eye level:	16.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	17°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	11.813m	Correct printed image size:	820 x 260mm	Date and time:	07/02/2023 16:10

Client

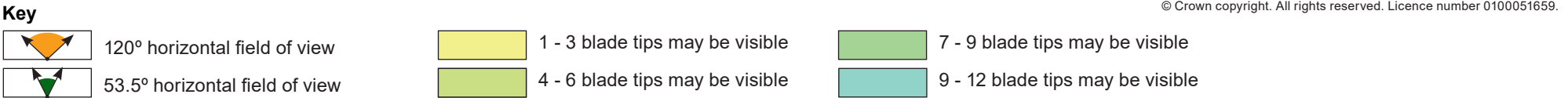
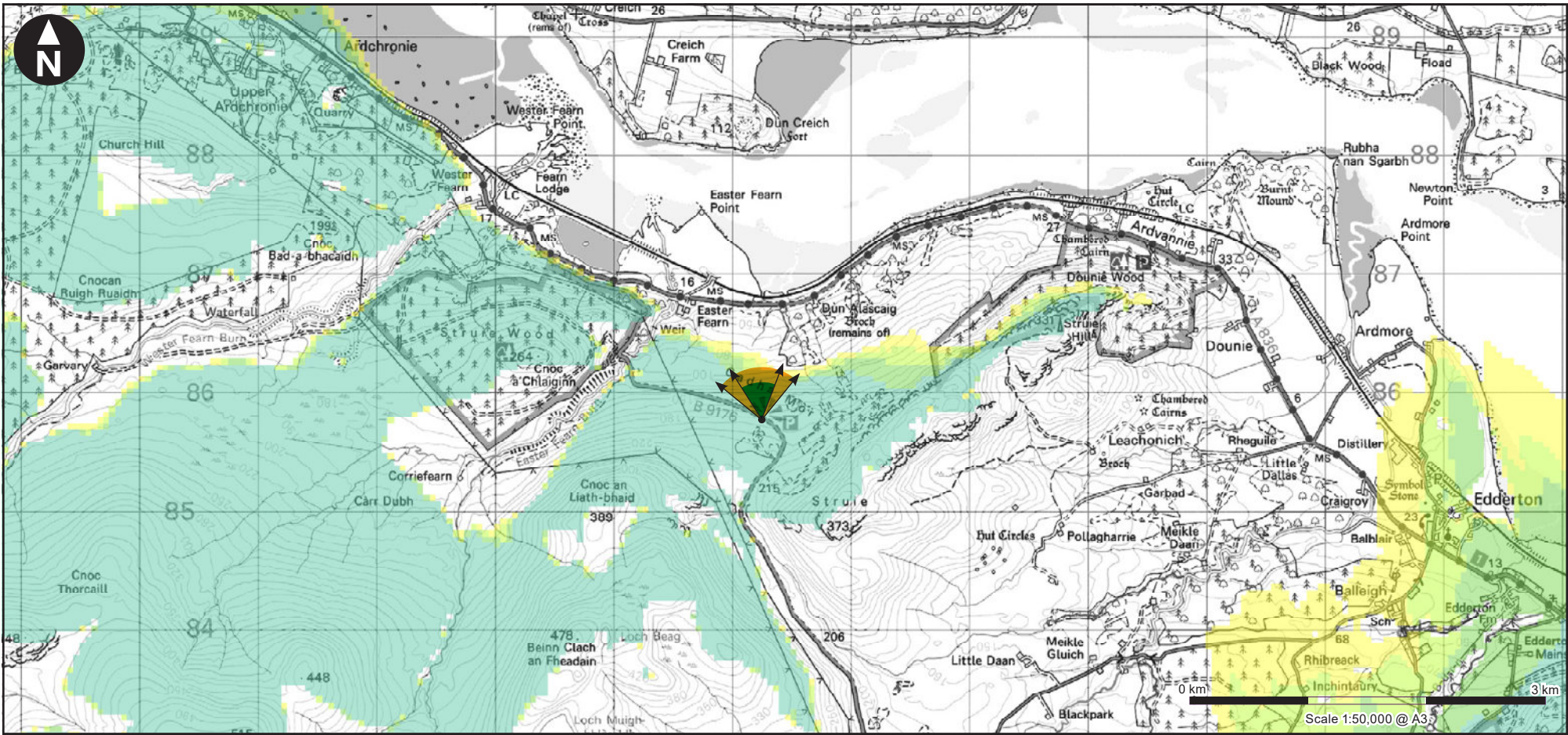
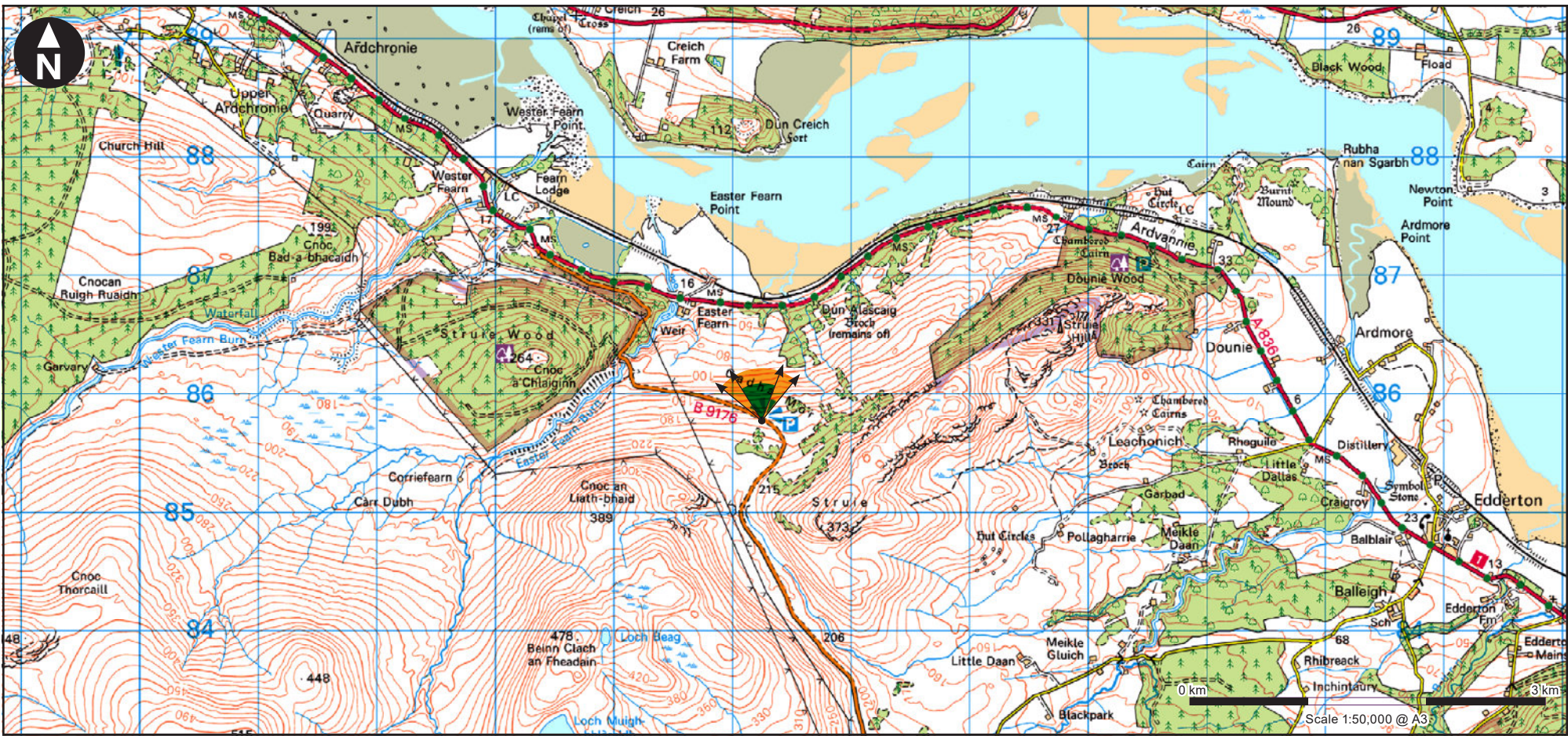


Acheilidh Wind Farm
EIA Report

Figure 6.28d
Viewpoint 11:
A836 Wester Fearn

April 2024





Viewpoint Parameters

OS reference:	N265 249, E885 775
Ground Level Elevation:	180m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	356°
Distance to nearest turbine:	14,531m
Number of blade tips theoretically visible ⁴ :	12
Number of hubs theoretically visible ⁴ :	12
Date and time of viewpoint photography:	07/02/2023 @ 15:40
Camera:	Sony A7 III
Lens:	50mm (Sony FE 50mm f/1.2 GM)

Information on the limitations of visualisations:

Visualisations of wind farms have a number of limitations which you should be aware of when using them to form a judgement on a wind farm proposal. These include:

- A visualisation can never show exactly what the wind farm will look like in reality due to factors such as: different lighting, weather and seasonal conditions which vary through time and the resolution of the image;
- The images provided give a reasonable impression of the scale of the turbines and the distance to the turbines, but can never be 100% accurate;
- A static image cannot convey turbine movement, or flicker or reflection from the sun on the turbine blades as they move;
- The viewpoints illustrated are representative of views in the area, but cannot represent visibility at all locations;
- To form the best impression of the impacts of the wind farm proposal these images are best viewed at the viewpoint location shown;
- The images must be printed at the right size to be viewed properly (260mm by 820mm);
- You should hold the images flat at a comfortable arm's length. If viewing these images on a wall or board at an exhibition, you should stand at arm's length from the image presented.
- The ZTV presented here takes no account of the screening effects of vegetation or buildings.

Additional notes:

1. This figure has been based on the following parameters:
 - Turbine layout file: LACHEILIDH004.WFL
 - Hub height: 122.5m / 155.5m
 - Rotor diameter: 155m
 - Height to blade tip: 200m / 230m
2. Turbine positions could be subject to micro-siting (typically up to 50m).
3. Direction given as bearing relative to Grid North (BNG).
4. The number of turbine blades and hubs theoretically visible is counted from the wireframe in sets of 3 and ignores the screening effects of any intervening objects and forestry.
5. This figure is produced in accordance with SNH Visual Representation of Wind Farms 2017 guidance and also broadly accords with the Landscape Institute's Technical Guidance Note 6/19 (Type 4 Visualisation).

Client



Acheilidh Wind Farm
EIA Report

Figure 6.29a
Viewpoint 12:
B9176 Struie Layby

April 2024

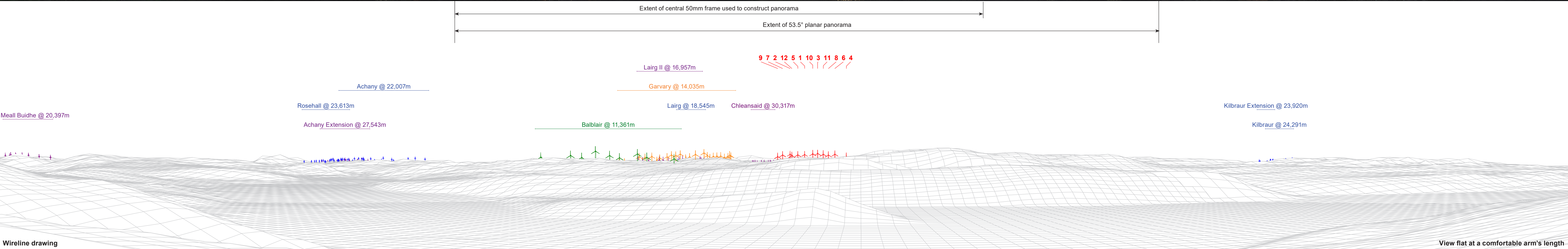


C:\Users\UKG\775\OneDrive - WSP\0385\AcGIS\Lang 3\1\Design\Figure 6.29a-fvp12 B9176 Struie 608755-WSP-FG-Sk-00129_R1.indd Originator: wisc03



Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

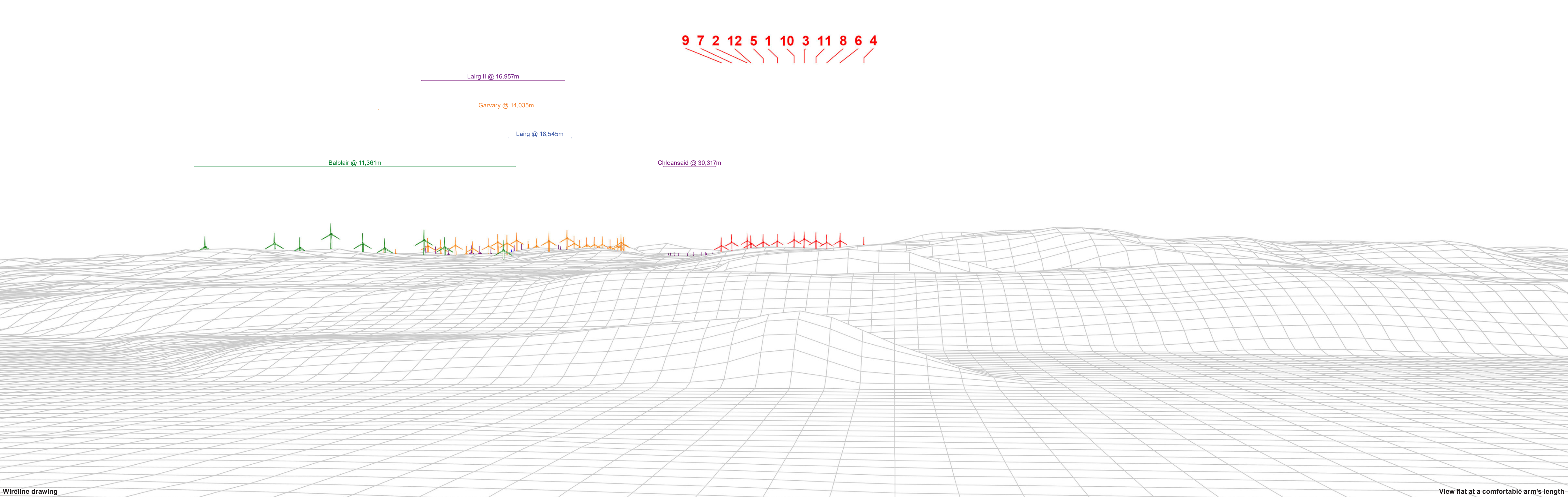
Note: Turbines 1, 2, 8, 9 and 11 would be lit at the hub with a visible red aviation warning light.
Note: In order to show the full extent of the panoramic views available from this viewpoint, the cylindrical projection on the baseline photograph and wireline has been increased from the standard 90° field of view to 120° field of view.
The scale of the turbines remains unchanged and otherwise accords with the NatureScot Visual Representation of Wind Farms Guidance: Version 2.2, February 2017.

Wind Farm Key: Acheilidh Wind Farm Existing Consented Application Scoping

OS reference:	N265 249, E885 775	Horizontal field of view:	120° (cylindrical projection)	Camera:	Sony A7 III
Eye level:	181.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	354°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	14,531m	Correct printed image size:	820 x 130mm	Date and time:	07/02/2023 15:40

Client		Acheilidh Wind Farm EIA Report	Figure 6.29b Viewpoint 12: B9176 Struie Layby	April 2024	
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Originator: wisc03



Wireline drawing

Note: Turbines 1, 2, 8, 9 and 11 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Acheilidh Wind Farm Existing Consented Application Scoping

OS reference:	N265 249, E885 775	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony A7 III
Eye level:	181.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	354°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	14,531m	Correct printed image size:	820 x 260mm	Date and time:	07/02/2023 15:40



Acheilidh Wind Farm
EIA Report

Figure 6.29c
Viewpoint 12:
B9176 Struie Layby

View flat at a comfortable arm's length

April 2024



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Photomontage

View flat at a comfortable arm's length

OS reference:	N265 249, E885 775	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony A7 III
Eye level:	181.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	354°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	14,531m	Correct printed image size:	820 x 260mm	Date and time:	07/02/2023 15:40

Client		Acheilidh Wind Farm EIA Report	Figure 6.29d Viewpoint 12: B9176 Struie Layby	April 2024	
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Photomontage

Note: In order to show the full extent of the panoramic views available from this viewpoint, the cylindrical projection on the baseline photograph and wireline has been increased from the standard 90° field of view to 120° field of view. The scale of the turbines remains unchanged and otherwise accords with the NatureScot Visual Representation of Wind Farms Guidance: Version 2.2, February 2017.

OS reference:	N265 249, E885 775	Horizontal field of view:	120° (cylindrical projection)	Camera:	Sony A7 III
Eye level:	181.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	354°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	14,531m	Correct printed image size:	820 x 260mm	Date and time:	07/02/2023 15:40

Client



Acheilidh Wind Farm
EIA Report

Figure 6.29e
Viewpoint 12:
B9176 Struie Layby

View flat at a comfortable arm's length

April 2024



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Photomontage (with Lairg II and Garvary Wind Farms)

Note: In order to show the full extent of the panoramic views available from this viewpoint, the cylindrical projection on the baseline photograph and wireline has been increased from the standard 90° field of view to 120° field of view. The scale of the turbines remains unchanged and otherwise accords with the NatureScot Visual Representation of Wind Farms Guidance: Version 2.2, February 2017.

OS reference:	N265 249, E885 775	Horizontal field of view:	120° (cylindrical projection)	Camera:	Sony A7 III
Eye level:	181.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	354°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	14,531m	Correct printed image size:	820 x 260mm	Date and time:	07/02/2023 15:40

Client



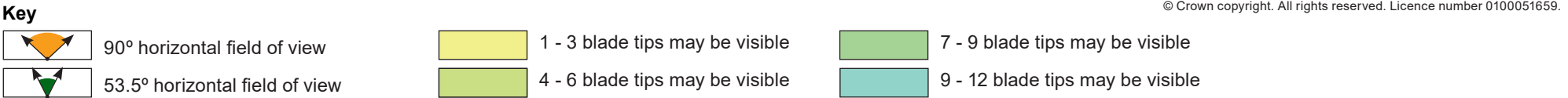
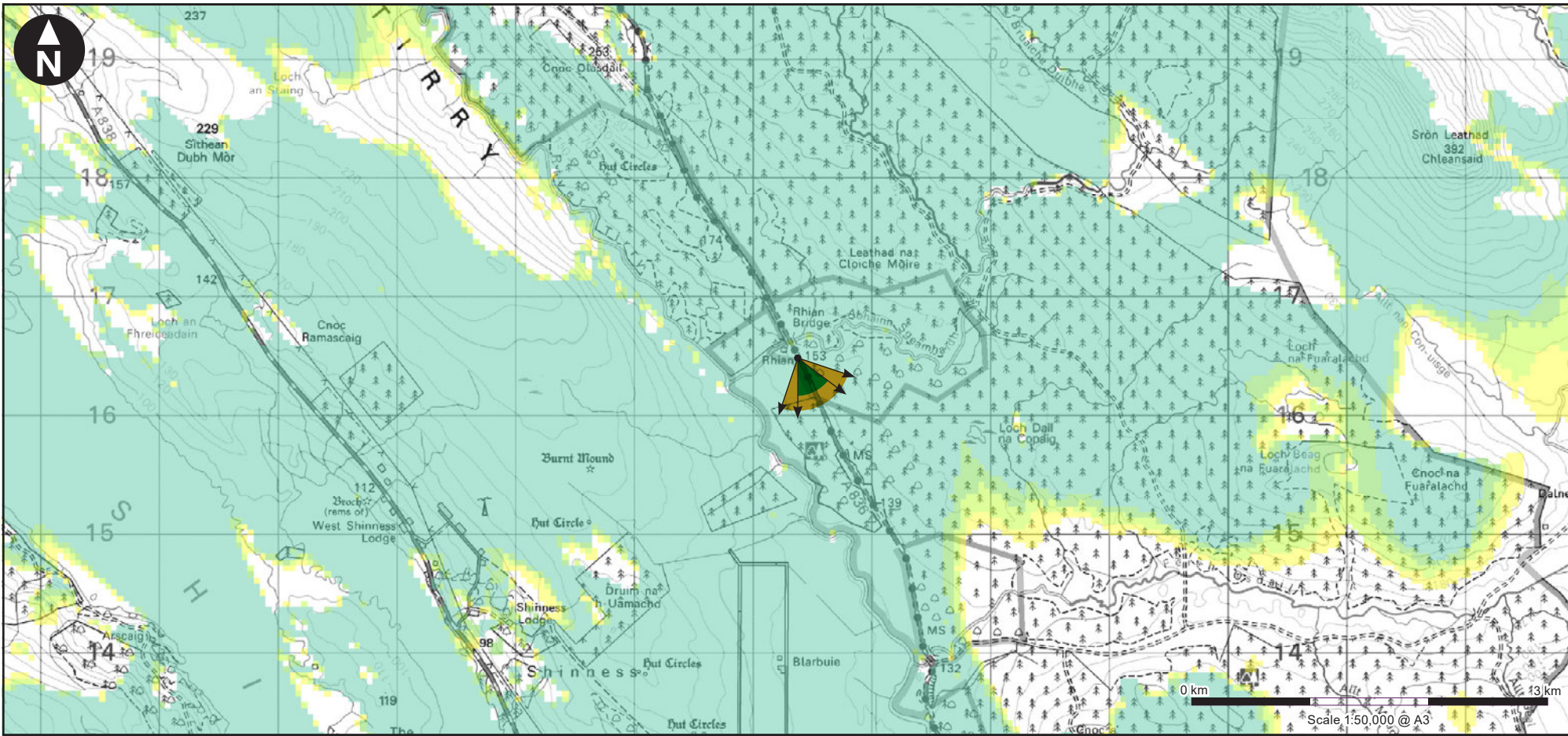
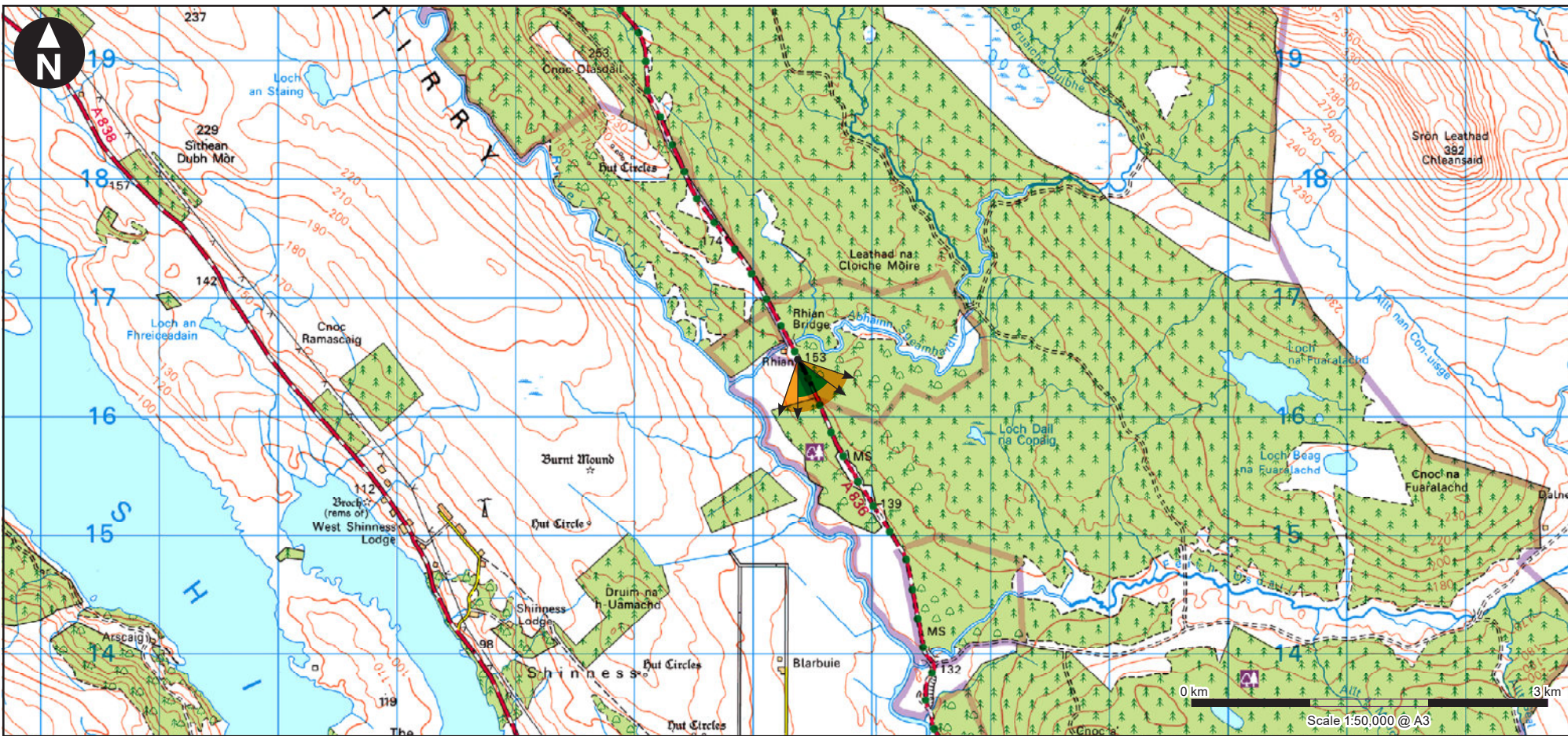
Acheilidh Wind Farm
EIA Report

Figure 6.29f
Viewpoint 12:
B9176 Struie Layby

View flat at a comfortable arm's length

April 2024





Viewpoint Parameters

OS reference:	N256 378, E916 486
Ground Level Elevation:	153m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	153°
Distance to nearest turbine:	15,647m
Number of blade tips theoretically visible ⁴ :	12
Number of hubs theoretically visible ⁴ :	10
Date and time of viewpoint photography:	26/02/2023 @ 14:40
Camera:	Canon EOS 5D Mk2
Lens:	50mm (Canon EF 50mm f/1.8)

Information on the limitations of visualisations:

Visualisations of wind farms have a number of limitations which you should be aware of when using them to form a judgement on a wind farm proposal. These include:

- A visualisation can never show exactly what the wind farm will look like in reality due to factors such as: different lighting, weather and seasonal conditions which vary through time and the resolution of the image;
- The images provided give a reasonable impression of the scale of the turbines and the distance to the turbines, but can never be 100% accurate;
- A static image cannot convey turbine movement, or flicker or reflection from the sun on the turbine blades as they move;
- The viewpoints illustrated are representative of views in the area, but cannot represent visibility at all locations;
- To form the best impression of the impacts of the wind farm proposal these images are best viewed at the viewpoint location shown;
- The images must be printed at the right size to be viewed properly (260mm by 820mm);
- You should hold the images flat at a comfortable arm's length. If viewing these images on a wall or board at an exhibition, you should stand at arm's length from the image presented.
- The ZTV presented here takes no account of the screening effects of vegetation or buildings.

Additional notes:

1. This figure has been based on the following parameters:
Turbine layout file: LACHEILIDH004.WFL
• Hub height: 122.5m / 155.5m
• Rotor diameter: 155m
• Height to blade tip: 200m / 230m
2. Turbine positions could be subject to micro-siting (typically up to 50m).
3. Direction given as bearing relative to Grid North (BNG).
4. The number of turbine blades and hubs theoretically visible is counted from the wireframe in sets of 3 and ignores the screening effects of any intervening objects and forestry.
5. This figure is produced in accordance with SNH Visual Representation of Wind Farms 2017 guidance and also broadly accords with the Landscape Institute's Technical Guidance Note 6/19 (Type 4 Visualisation).

Client



Acheilidh Wind Farm
EIA Report

Figure 6.30a
Viewpoint 13:
A836 Rhian Bridge

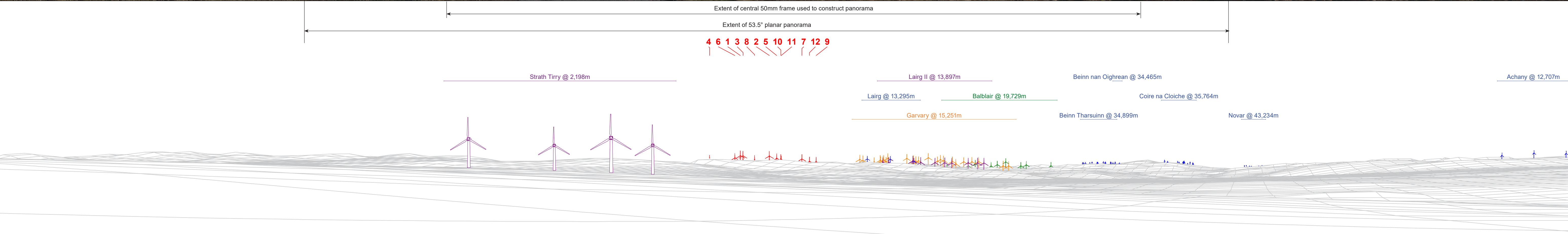
April 2024





Baseline photograph

This image provides landscape and visual context only



Wireline drawing

Note: Turbines 1, 2, 8 and 9 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Acheilidh Wind Farm Existing Consented Application Scoping

OS reference:	N256 378, E916 486	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 5D Mk2
Eye level:	154.5m AOD	Principal distance:	522mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	153°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	15,647m	Correct printed image size:	820 x 130mm	Date and time:	26/02/2023 14:40



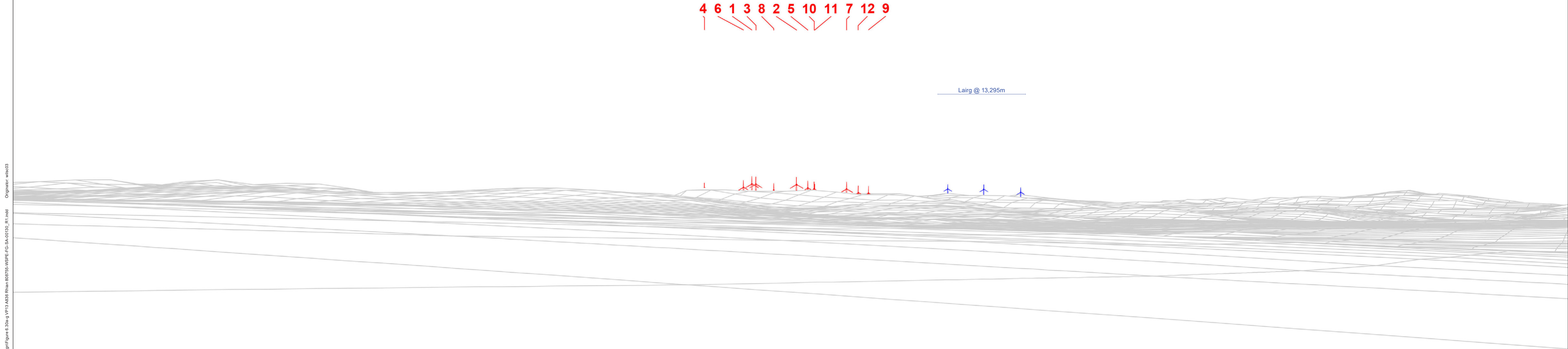
Client
Acheilidh Wind Farm
EIA Report

Figure 6.30b
Viewpoint 13:
A836 Rhian Bridge

View flat at a comfortable arm's length

April 2024





Wind Farm Key:  Acheilidh Wind Farm  Existing

OS reference:	N256 378, E916 486	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mk2
Eye level:	154.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	153°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	15,647m	Correct printed image size:	820 x 260mm	Date and time:	26/02/2023 14:40

Client



Acheilidh Wind Farm EIA Report

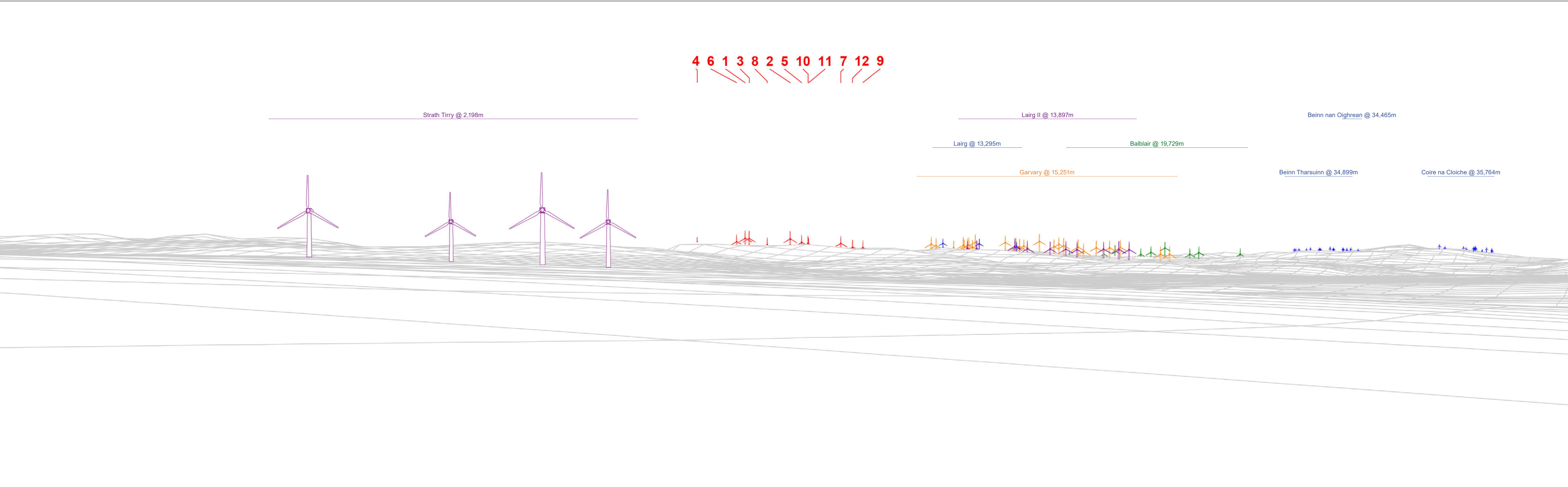
Figure 6.30c
Viewpoint 13:
A836 Rhian Bridge

April 2024





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Photomontage

View flat at a comfortable arm's length

OS reference:	N256 378, E916 486	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mk2
Eye level:	154.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	153°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	15,647m	Correct printed image size:	820 x 260mm	Date and time:	26/02/2023 14:40

Client



Acheilidh Wind Farm
EIA Report

Figure 6.30f
Viewpoint 13:
A836 Rhian Bridge

April 2024



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Photomontage

Note: This 90 degree FoV photomontage is produced in addition to the NatureScot 'Visual Representation of Wind Farms' guidance and illustrates the Proposed Development in its landscape setting.

OS reference:	N256 378, E916 486	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 5D Mk2
Eye level:	154.5m AOD	Principal distance:	522mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	153°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	15,647m	Correct printed image size:	820 x 260mm	Date and time:	26/02/2023 14:40

Client



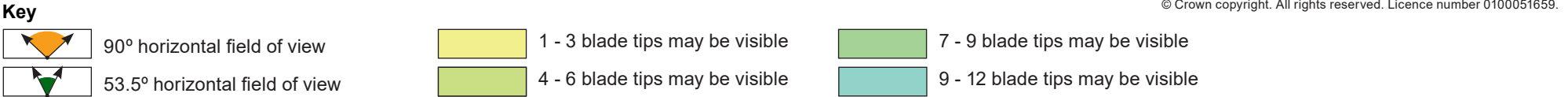
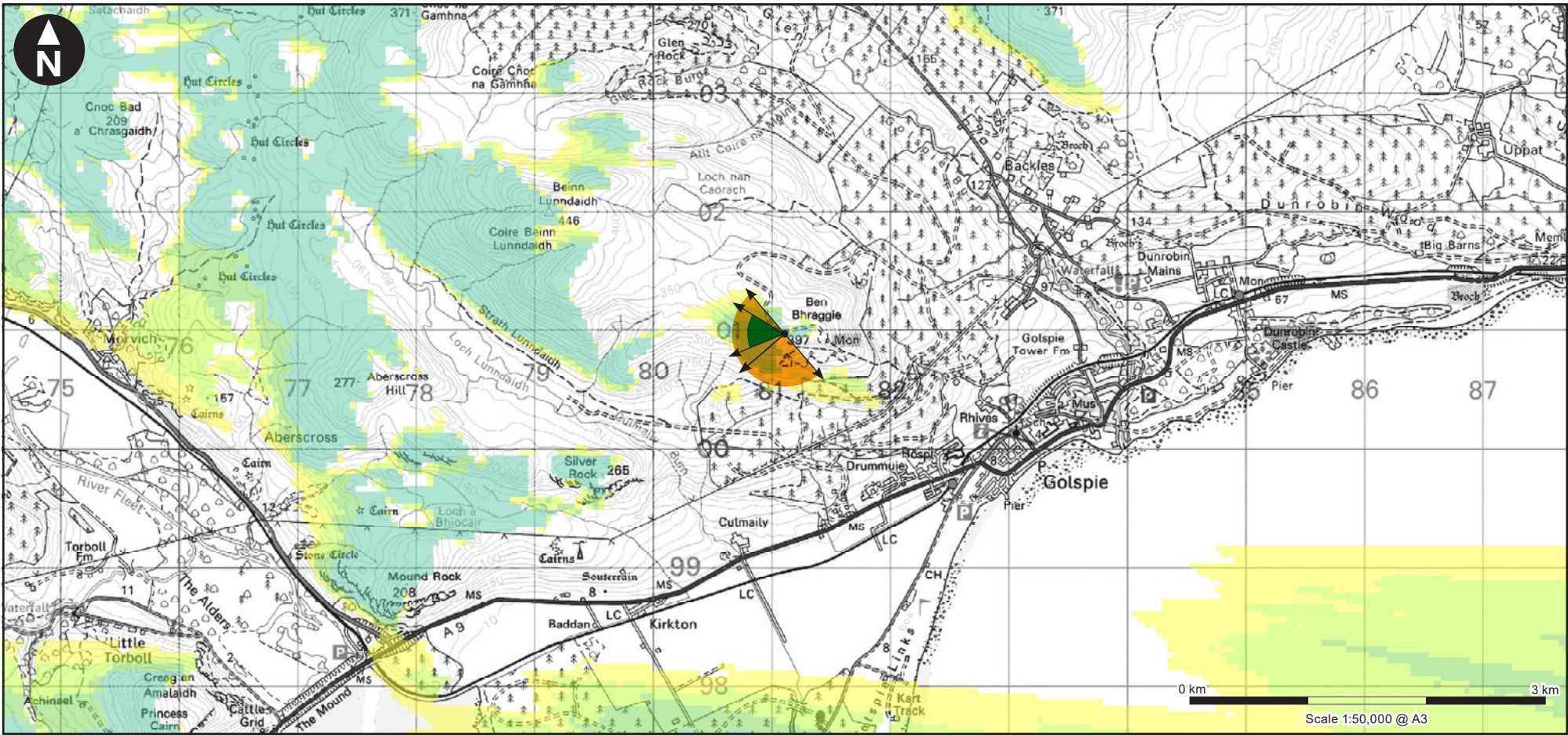
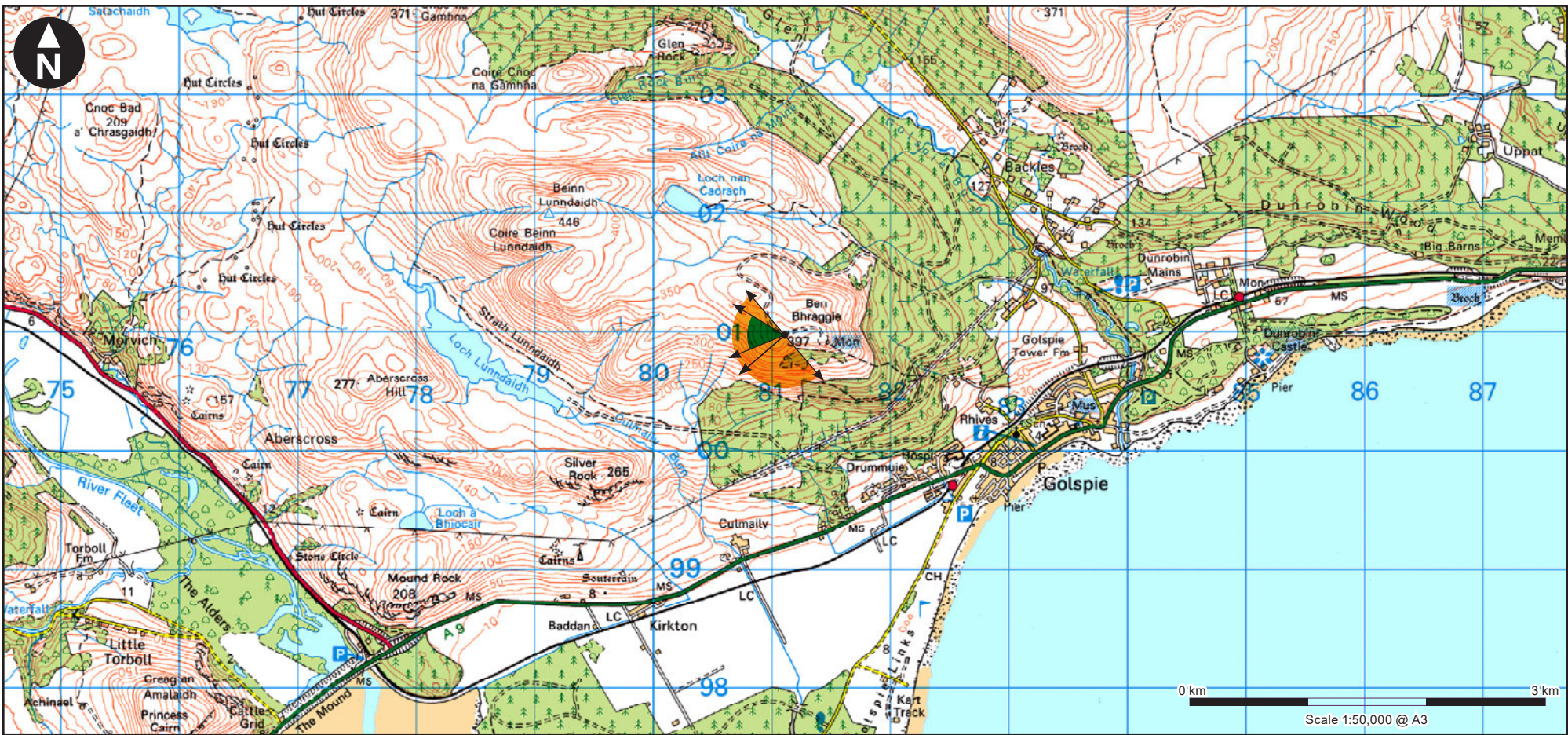
Acheilidh Wind Farm
EIA Report

Figure 6.30g
Viewpoint 13:
A836 Rhian Bridge

View flat at a comfortable arm's length

April 2024





Viewpoint Parameters

OS reference:	N281 113, E900 973
Ground Level Elevation:	397m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	272°
Distance to nearest turbine:	16,219m
Number of blade tips theoretically visible ⁴ :	12
Number of hubs theoretically visible ⁴ :	12
Date and time of viewpoint photography:	09/11/2023 @ 12:25
Camera:	Sony A7 III
Lens:	50mm (Sony FE 50mm f/1.2 GM)

Information on the limitations of visualisations:

Visualisations of wind farms have a number of limitations which you should be aware of when using them to form a judgement on a wind farm proposal. These include:

- A visualisation can never show exactly what the wind farm will look like in reality due to factors such as: different lighting, weather and seasonal conditions which vary through time and the resolution of the image;
- The images provided give a reasonable impression of the scale of the turbines and the distance to the turbines, but can never be 100% accurate;
- A static image cannot convey turbine movement, or flicker or reflection from the sun on the turbine blades as they move;
- The viewpoints illustrated are representative of views in the area, but cannot represent visibility at all locations;
- To form the best impression of the impacts of the wind farm proposal these images are best viewed at the viewpoint location shown;
- The images must be printed at the right size to be viewed properly (260mm by 820mm);
- You should hold the images flat at a comfortable arm's length. If viewing these images on a wall or board at an exhibition, you should stand at arm's length from the image presented.
- The ZTV presented here takes no account of the screening effects of vegetation or buildings.

Additional notes:

1. This figure has been based on the following parameters:
Turbine layout file: LACHEILIDH004.WFL
• Hub height: 122.5m / 155.5m
• Rotor diameter: 155m
• Height to blade tip: 200m / 230m
2. Turbine positions could be subject to micro-siting (typically up to 50m).
3. Direction given as bearing relative to Grid North (BNG).
4. The number of turbine blades and hubs theoretically visible is counted from the wireframe in sets of 3 and ignores the screening effects of any intervening objects and forestry.
5. This figure is produced in accordance with SNH Visual Representation of Wind Farms 2017 guidance and also broadly accords with the Landscape Institute's Technical Guidance Note 6/19 (Type 4 Visualisation).

Client

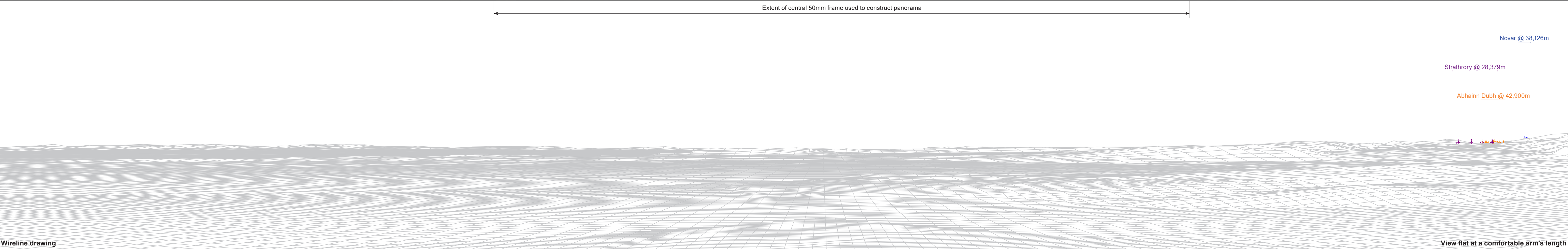


Acheilidh Wind Farm
EIA Report

Figure 6.31a
Viewpoint 14:
Ben Bhraggie

April 2024

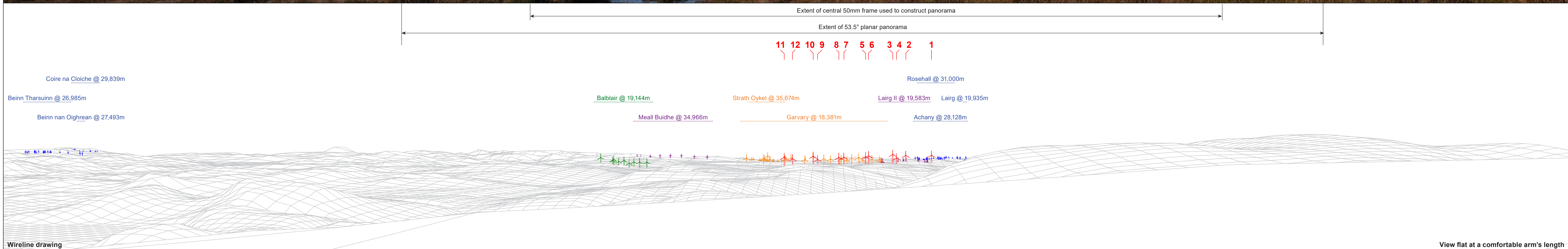




West view

Baseline photograph

This image provides landscape and visual context only



View flat at a comfortable arm's length

Note: Turbines 1, 2, 4, 8, 9 and 11 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key:  Acheilidh Wind Farm  Existing  Consented  Application  Scoping	Eye level:	398.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
	Direction of view:	274°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
	Nearest turbine:	16,219m	Correct printed image size:	820 x 130mm	Date and time:	09/11/2023 12:25

	Client
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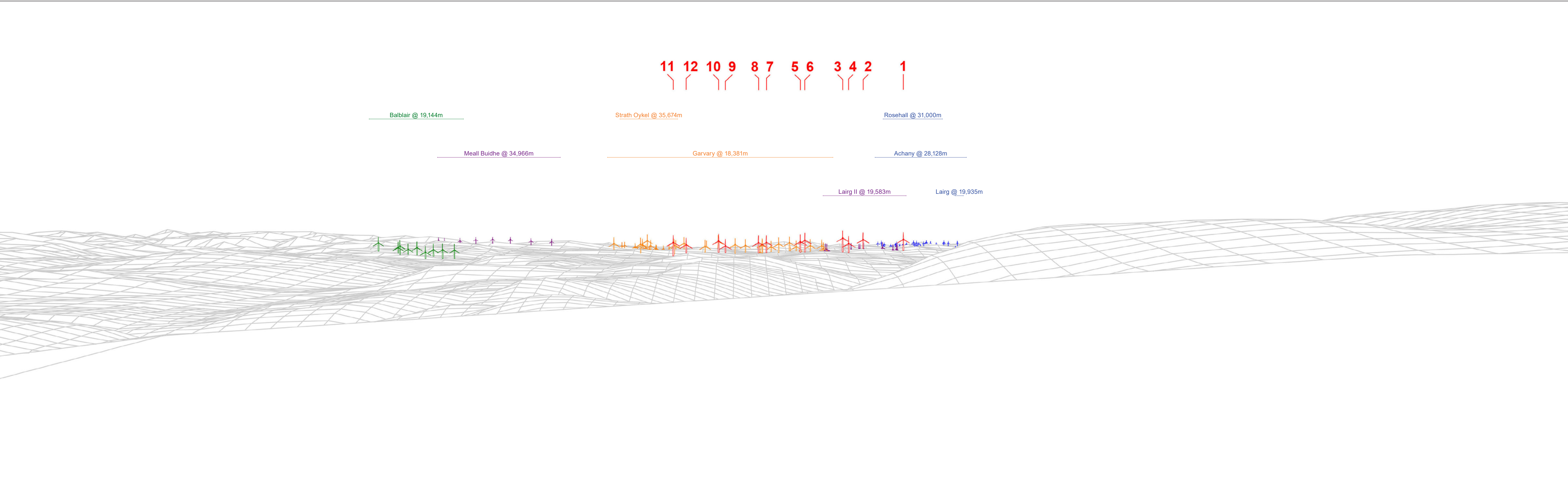
	Acheilidh Wind Farm EIA Report
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Figure 6.31c
Viewpoint 14:
Ben Bhraggie

April 2024



C:\Users\UKC\OneDrive - WSP\OneDrive - WSP\0385\ArcGIS\Laing 31\Design\Figure 6.31a-1\VP14 Ben Bhraggie 608755-WSP-FG-SA-00131_R1.indd Originator: wisc03



C:\Users\UKCGW775\OneDrive - WSP\0385\AcGIS\Lang 3\1\Design\Figure 6.31a-1\VP14 Ben Bhraggie 808755-WSP-FIG-SA-00131_L1.indd Originator: wisc03



Photomontage

View flat at a comfortable arm's length

OS reference:	N281 113, E900 973	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony A7 III
Eye level:	398.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	274°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	16,219m	Correct printed image size:	820 x 260mm	Date and time:	09/11/2023 12:25

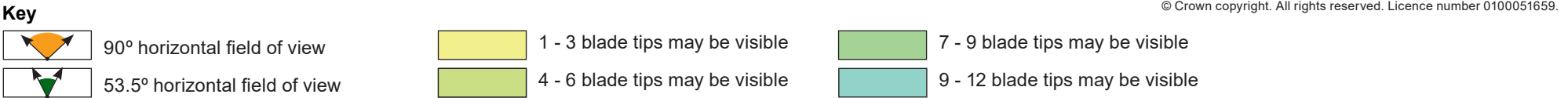
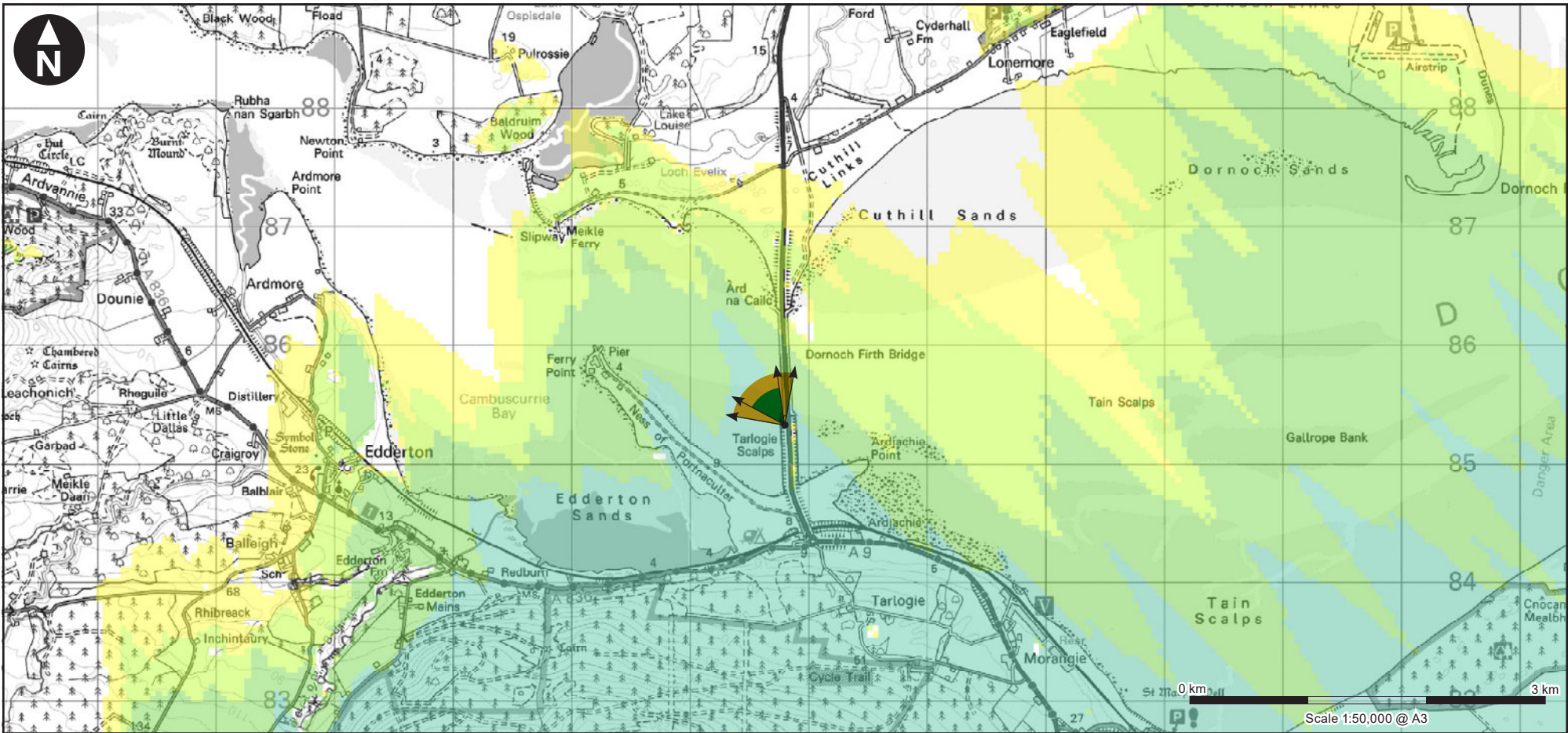


Acheilidh Wind Farm
EIA Report

Figure 6.31e
Viewpoint 14:
Ben Bhraggie

April 2024





Viewpoint Parameters

OS reference:	N274 801, E885 334
Ground Level Elevation:	10m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	322°
Distance to nearest turbine:	18,145m
Number of blade tips theoretically visible ⁴ :	10
Number of hubs theoretically visible ⁴ :	2
Date and time of viewpoint photography:	07/02/2023 @ 09:50
Camera:	Sony A7 III
Lens:	50mm (Sony FE 50mm f/1.2 GM)

Information on the limitations of visualisations:

Visualisations of wind farms have a number of limitations which you should be aware of when using them to form a judgement on a wind farm proposal. These include:

- A visualisation can never show exactly what the wind farm will look like in reality due to factors such as: different lighting, weather and seasonal conditions which vary through time and the resolution of the image;
- The images provided give a reasonable impression of the scale of the turbines and the distance to the turbines, but can never be 100% accurate;
- A static image cannot convey turbine movement, or flicker or reflection from the sun on the turbine blades as they move;
- The viewpoints illustrated are representative of views in the area, but cannot represent visibility at all locations;
- To form the best impression of the impacts of the wind farm proposal these images are best viewed at the viewpoint location shown;
- The images must be printed at the right size to be viewed properly (260mm by 820mm);
- You should hold the images flat at a comfortable arm's length. If viewing these images on a wall or board at an exhibition, you should stand at arm's length from the image presented.
- The ZTV presented here takes no account of the screening effects of vegetation or buildings.

Additional notes:

1. This figure has been based on the following parameters:
 - Turbine layout file: LACHEILIDH004.WFL
 - Hub height: 122.5m / 155.5m
 - Rotor diameter: 155m
 - Height to blade tip: 200m / 230m
2. Turbine positions could be subject to micro-siting (typically up to 50m).
3. Direction given as bearing relative to Grid North (BNG).
4. The number of turbine blades and hubs theoretically visible is counted from the wireframe in sets of 3 and ignores the screening effects of any intervening objects and forestry.
5. This figure is produced in accordance with SNH Visual Representation of Wind Farms 2017 guidance and also broadly accords with the Landscape Institute's Technical Guidance Note 6/19 (Type 4 Visualisation).

Client



Acheilidh Wind Farm
EIA Report

Figure 6.32a
Viewpoint 15:
A9 Dornoch Bridge / NC 500

April 2024

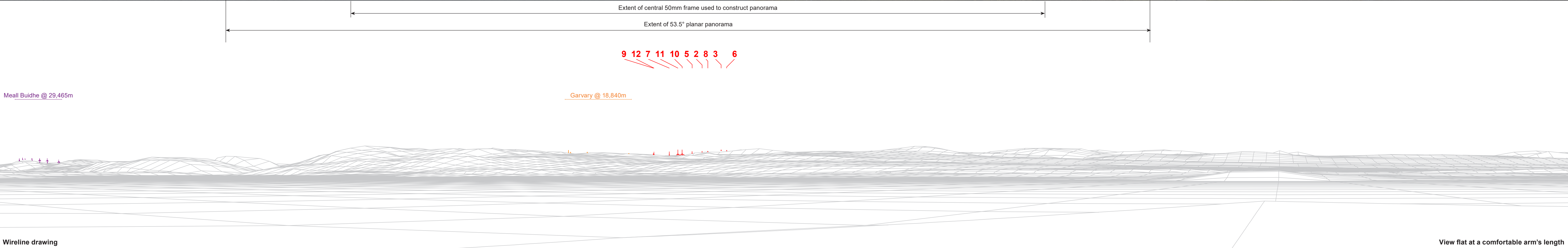


C:\Users\UKG\OneDrive - WSP\OneDrive - WSP\0385\ArcGIS\Lang 31\Design\Figure 6.32a-e VP15 A9 Dornoch Bridge 080755-WSP-EG-Sk-00132_R1.ind Originator: wils03



Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

Note: Turbine 11 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Acheilidh Wind Farm Existing Consented Application Scoping

OS reference:	N274 801, E885 334	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony A7 III
Eye level:	11.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	325°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	18,145m	Correct printed image size:	820 x 130mm	Date and time:	07/02/2023 09:50

Client

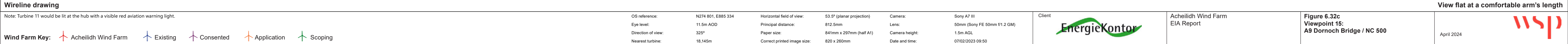


Acheilidh Wind Farm
EIA Report

Figure 6.32b
Viewpoint 15:
A9 Dornoch Bridge / NC 500

April 2024





C:\Users\UKCG\775\OneDrive - WSP\0385\A9\GIS\Lang 31\Design\Figure 6.32a-e VP15 A9 Dornoch Bridge 008755-WSP-EG-Sk-00132_R1.indd Originator: wils03



Photomontage

View flat at a comfortable arm's length

OS reference:	N274 801, E885 334	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony A7 III
Eye level:	11.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	325°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	18,145m	Correct printed image size:	820 x 260mm	Date and time:	07/02/2023 09:50



Acheilidh Wind Farm
EIA Report

Figure 6.32d
Viewpoint 15:
A9 Dornoch Bridge / NC 500

April 2024



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Originator: wils03



Photomontage

Note: This 90 degree FoV photomontage is produced in addition to the NatureScot 'Visual Representation of Wind Farms' guidance and illustrates the Proposed Development in its landscape setting.

OS reference:	N274 801, E885 334	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony A7 III
Eye level:	11.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	325°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	18,145m	Correct printed image size:	820 x 260mm	Date and time:	07/02/2023 09:50

Client



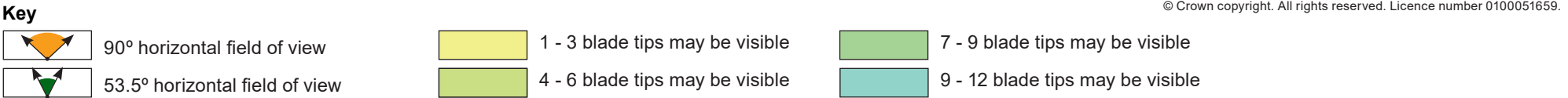
Acheilidh Wind Farm
EIA Report

Figure 6.32e
Viewpoint 15:
A9 Dornoch Bridge / NC 500

View flat at a comfortable arm's length

April 2024





Viewpoint Parameters

OS reference:	N278 679, E882 555
Ground Level Elevation:	4m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	322°
Distance to nearest turbine:	22,690m
Number of blade tips theoretically visible ⁴ :	12
Number of hubs theoretically visible ⁴ :	1
Date and time of viewpoint photography:	26/02/2023 @ 16:50
Camera:	Canon EOS 5D Mk2
Lens:	50mm (Canon EF 50mm f/1.8)

Information on the limitations of visualisations:

Visualisations of wind farms have a number of limitations which you should be aware of when using them to form a judgement on a wind farm proposal. These include:

- A visualisation can never show exactly what the wind farm will look like in reality due to factors such as: different lighting, weather and seasonal conditions which vary through time and the resolution of the image;
- The images provided give a reasonable impression of the scale of the turbines and the distance to the turbines, but can never be 100% accurate;
- A static image cannot convey turbine movement, or flicker or reflection from the sun on the turbine blades as they move;
- The viewpoints illustrated are representative of views in the area, but cannot represent visibility at all locations;
- To form the best impression of the impacts of the wind farm proposal these images are best viewed at the viewpoint location shown;
- The images must be printed at the right size to be viewed properly (260mm by 820mm);
- You should hold the images flat at a comfortable arm's length. If viewing these images on a wall or board at an exhibition, you should stand at arm's length from the image presented.
- The ZTV presented here takes no account of the screening effects of vegetation or buildings.

Additional notes:

1. This figure has been based on the following parameters:
Turbine layout file: LACHEILIDH004.WFL
• Hub height: 122.5m / 155.5m
• Rotor diameter: 155m
• Height to blade tip: 200m / 230m
2. Turbine positions could be subject to micro-siting (typically up to 50m).
3. Direction given as bearing relative to Grid North (BNG).
4. The number of turbine blades and hubs theoretically visible is counted from the wireframe in sets of 3 and ignores the screening effects of any intervening objects and forestry.
5. This figure is produced in accordance with SNH Visual Representation of Wind Farms 2017 guidance and also broadly accords with the Landscape Institute's Technical Guidance Note 6/19 (Type 4 Visualisation).

Client



Acheilidh Wind Farm
EIA Report

Figure 6.33a
Viewpoint 16:
Tain Waterfront

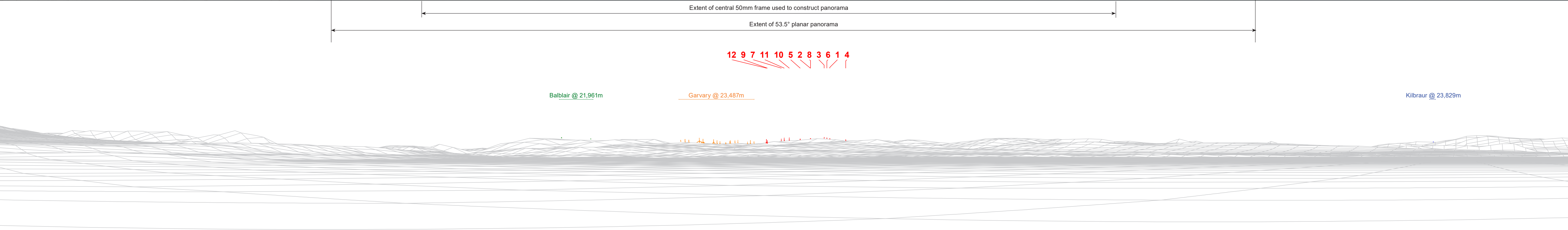
April 2024





Baseline photograph

This image provides landscape and visual context only



Wireline drawing

Note: No aviation warning lights would be visible.

Wind Farm Key: Acheilidh Wind Farm Existing Consented Application Scoping

OS reference:	N278 679, E882 555	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 5D Mk2
Eye level:	5.5m AOD	Principal distance:	522mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	320°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	22,690m	Correct printed image size:	820 x 130mm	Date and time:	26/02/2023 16:50

Client



Acheilidh Wind Farm
EIA Report

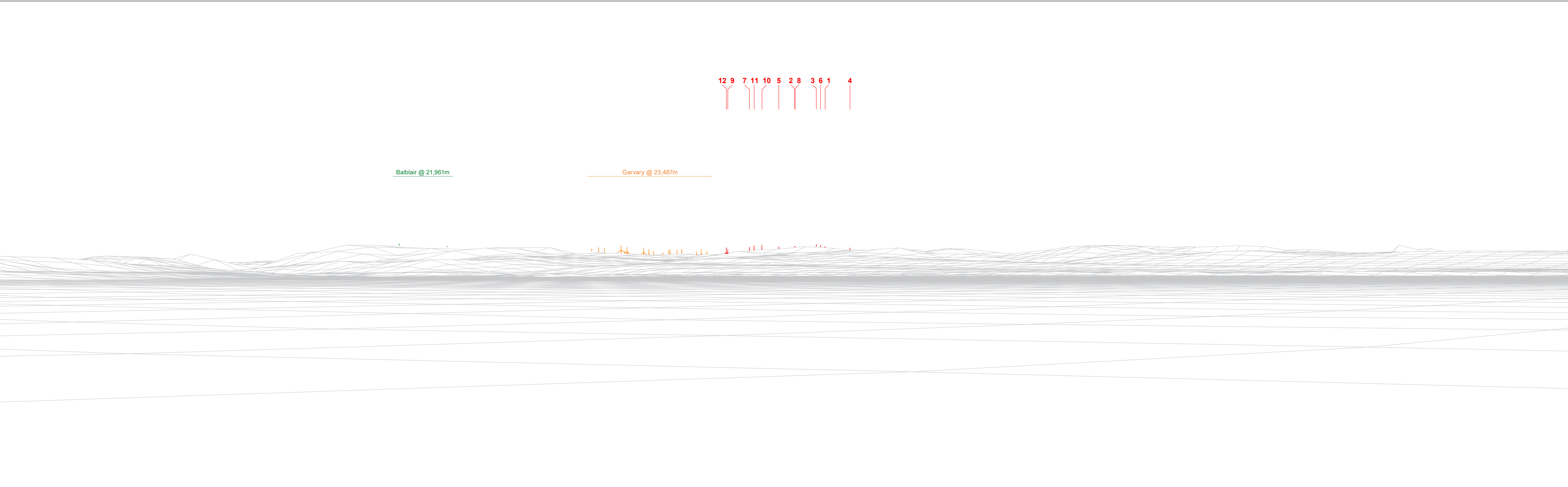
Figure 6.33b
Viewpoint 16:
Tain Waterfront

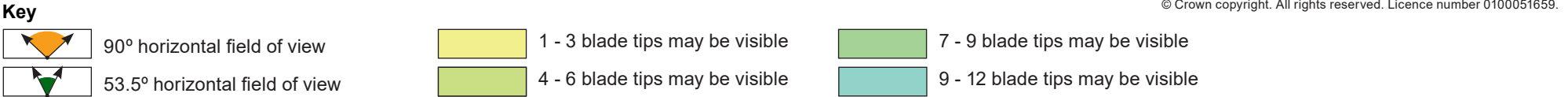
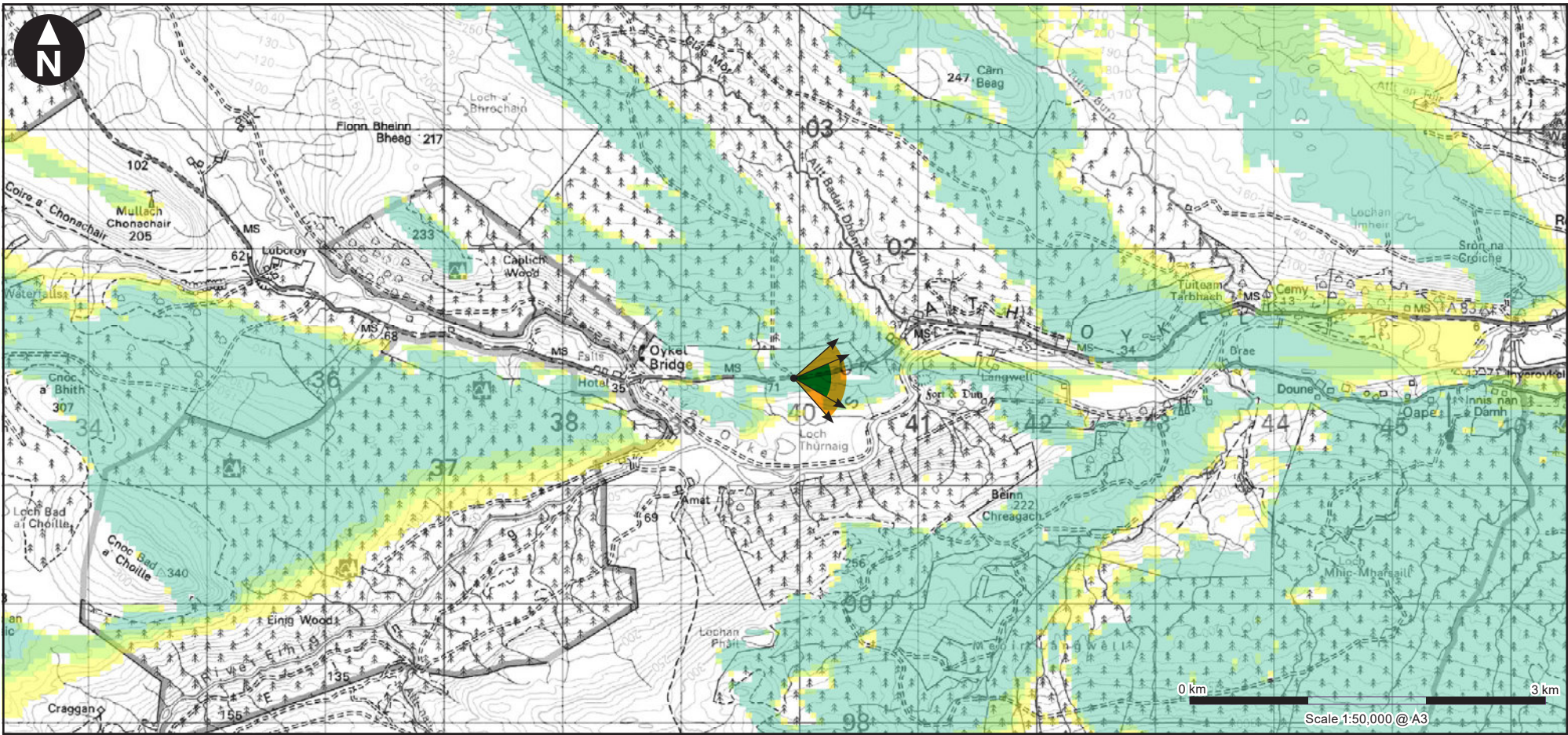
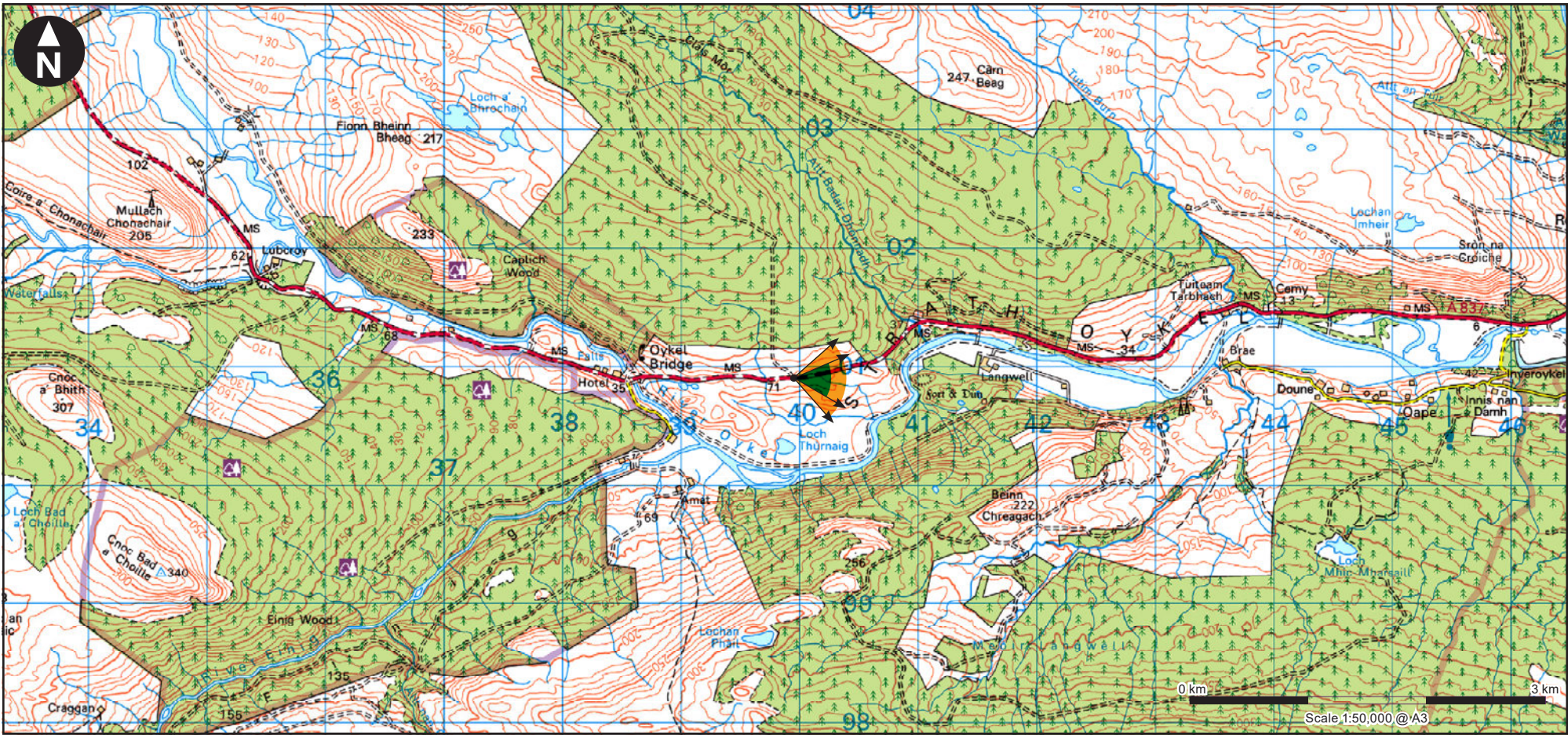
View flat at a comfortable arm's length

April 2024



C:\Users\UKG\775\OneDrive - WSP\0385\ArcGIS\Lang 3\1\Design\Figure 6.33a-c-VP16 Tain 808755-WSP-EG-SA-00193_R1.mxd Originator: wilsc03





Viewpoint Parameters

OS reference:	N239 951, E900 905
Ground Level Elevation:	71m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	89°
Distance to nearest turbine:	23,623m
Number of blade tips theoretically visible ⁴ :	12
Number of hubs theoretically visible ⁴ :	12
Date and time of viewpoint photography:	09/11/2023 @ 15:30
Camera:	Sony A7 III
Lens:	50mm (Sony FE 50mm f/1.2 GM)

Information on the limitations of visualisations:

Visualisations of wind farms have a number of limitations which you should be aware of when using them to form a judgement on a wind farm proposal. These include:

- A visualisation can never show exactly what the wind farm will look like in reality due to factors such as: different lighting, weather and seasonal conditions which vary through time and the resolution of the image;
- The images provided give a reasonable impression of the scale of the turbines and the distance to the turbines, but can never be 100% accurate;
- A static image cannot convey turbine movement, or flicker or reflection from the sun on the turbine blades as they move;
- The viewpoints illustrated are representative of views in the area, but cannot represent visibility at all locations;
- To form the best impression of the impacts of the wind farm proposal these images are best viewed at the viewpoint location shown;
- The images must be printed at the right size to be viewed properly (260mm by 820mm);
- You should hold the images flat at a comfortable arm's length. If viewing these images on a wall or board at an exhibition, you should stand at arm's length from the image presented.
- The ZTV presented here takes no account of the screening effects of vegetation or buildings.

Additional notes:

1. This figure has been based on the following parameters:
Turbine layout file: LACHEILIDH004.WFL
• Hub height: 122.5m / 155.5m
• Rotor diameter: 155m
• Height to blade tip: 200m / 230m
2. Turbine positions could be subject to micro-siting (typically up to 50m).
3. Direction given as bearing relative to Grid North (BNG).
4. The number of turbine blades and hubs theoretically visible is counted from the wireframe in sets of 3 and ignores the screening effects of any intervening objects and forestry.
5. This figure is produced in accordance with SNH Visual Representation of Wind Farms 2017 guidance and also broadly accords with the Landscape Institute's Technical Guidance Note 6/19 (Type 4 Visualisation).

Client



Acheilidh Wind Farm
EIA Report

Figure 6.34a
Viewpoint 17:
A837 Strath Oykel

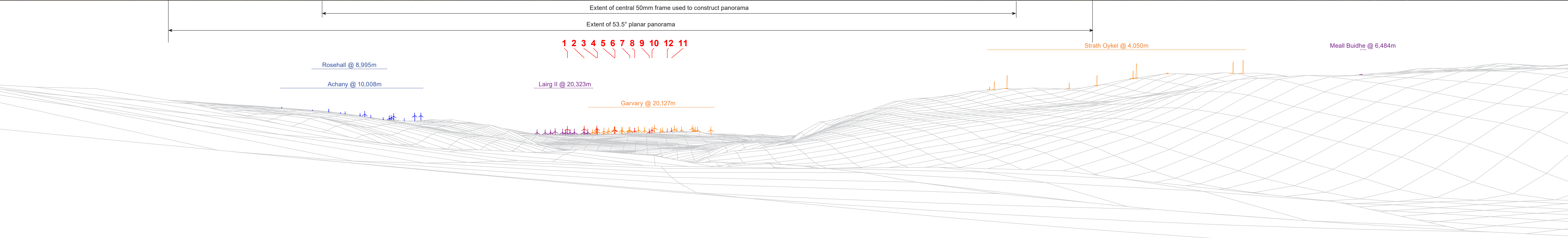
April 2024





Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

Note: Turbines 1, 2, 4, 8, 9 and 11 would be lit at the hub with a visible red aviation warning light.

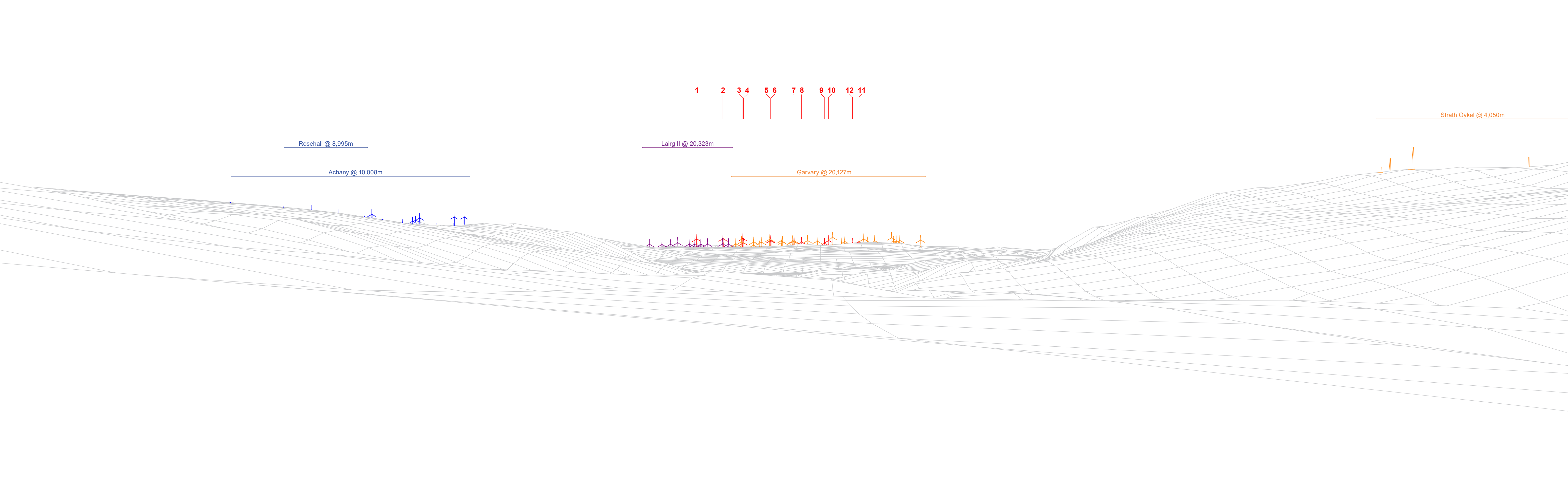
Wind Farm Key: Acheilidh Wind Farm Existing Consented Application Scoping

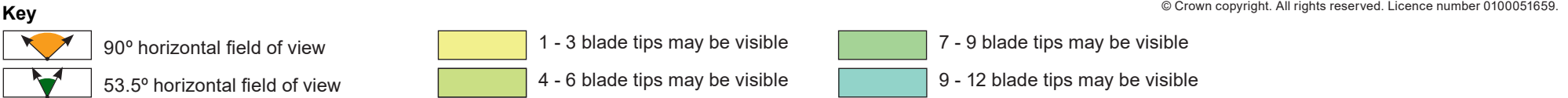
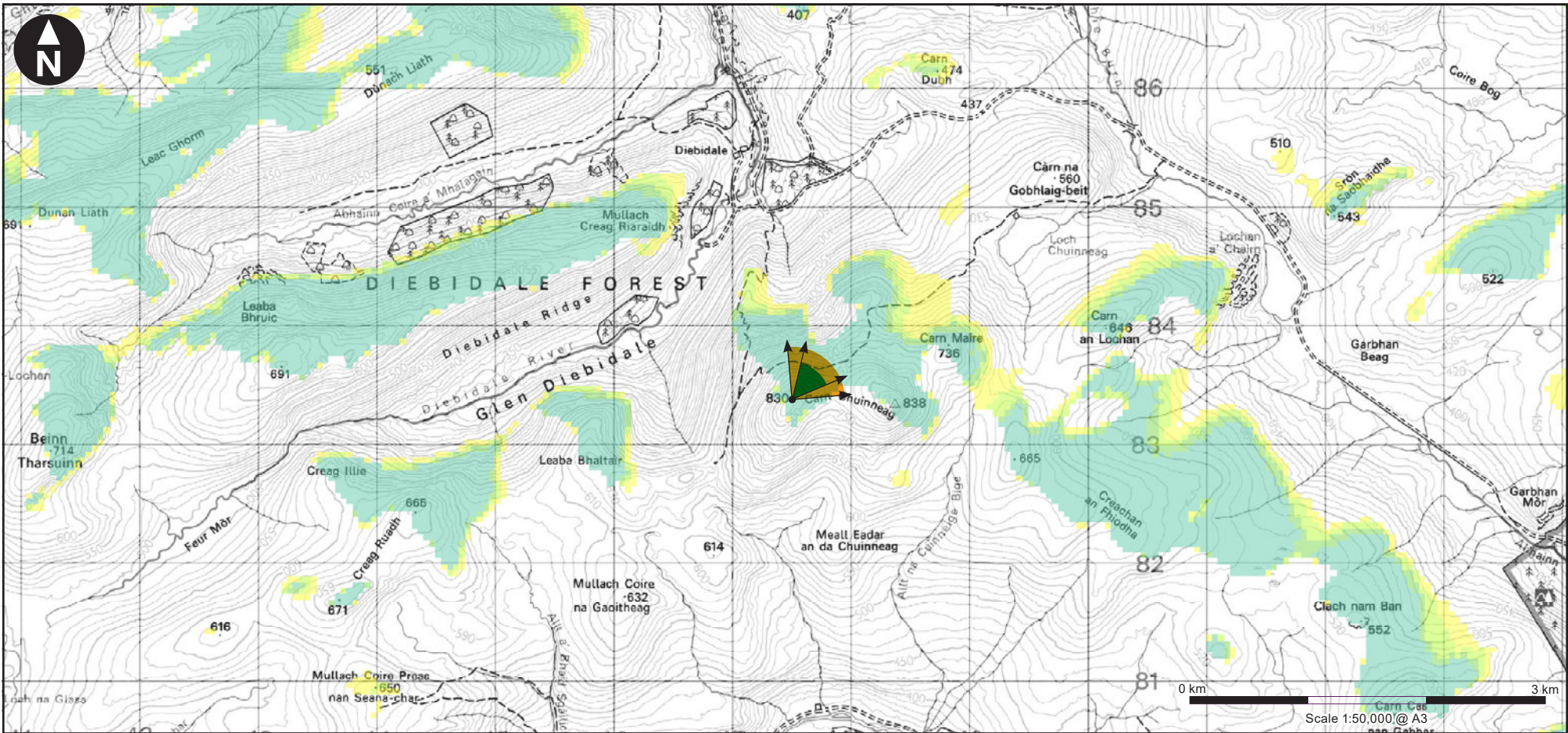
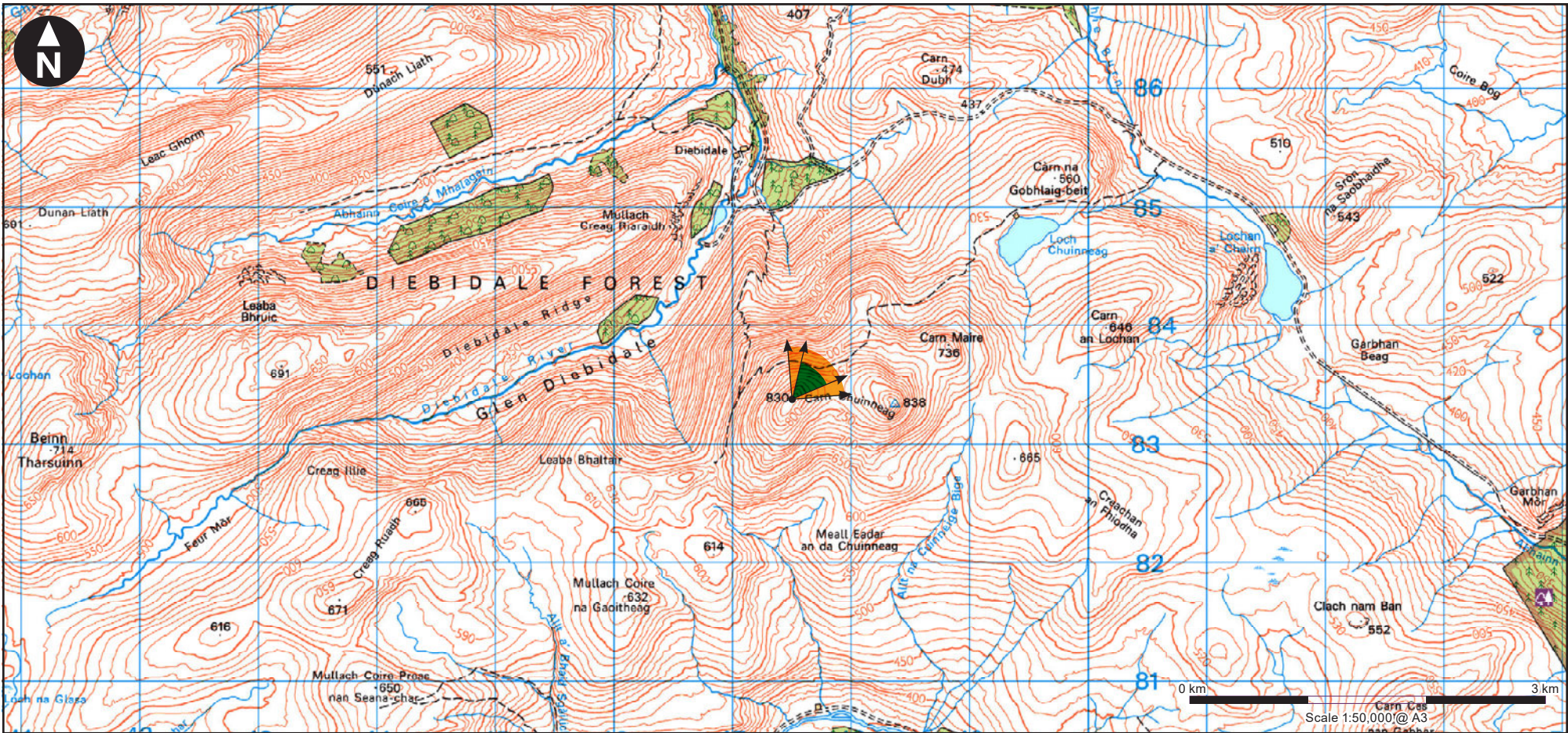
OS reference:	N239 951, E900 905	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony A7 III
Eye level:	72.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	94°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	23.623m	Correct printed image size:	820 x 130mm	Date and time:	09/11/2023 15:30

Client		Acheilidh Wind Farm EIA Report	Figure 6.34b Viewpoint 17: A837 Strath Oykel	April 2024	
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Originator: wilco3

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Viewpoint Parameters

OS reference:	N247 510, E883 380
Ground Level Elevation:	829m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	43°
Distance to nearest turbine:	23,633m
Number of blade tips theoretically visible ⁴ :	12
Number of hubs theoretically visible ⁴ :	12
Date and time of viewpoint photography:	15/11/2018 @ 14:50
Camera:	Canon EOS 5D Mk2
Lens:	50mm (Canon EF 50mm f/1.8)

Information on the limitations of visualisations:

Visualisations of wind farms have a number of limitations which you should be aware of when using them to form a judgement on a wind farm proposal. These include:

- A visualisation can never show exactly what the wind farm will look like in reality due to factors such as: different lighting, weather and seasonal conditions which vary through time and the resolution of the image;
- The images provided give a reasonable impression of the scale of the turbines and the distance to the turbines, but can never be 100% accurate;
- A static image cannot convey turbine movement, or flicker or reflection from the sun on the turbine blades as they move;
- The viewpoints illustrated are representative of views in the area, but cannot represent visibility at all locations;
- To form the best impression of the impacts of the wind farm proposal these images are best viewed at the viewpoint location shown;
- The images must be printed at the right size to be viewed properly (260mm by 820mm);
- You should hold the images flat at a comfortable arm's length. If viewing these images on a wall or board at an exhibition, you should stand at arm's length from the image presented.
- The ZTV presented here takes no account of the screening effects of vegetation or buildings.

Additional notes:

1. This figure has been based on the following parameters:
Turbine layout file: LACHEILIDH004.WFL
• Hub height: 122.5m / 155.5m
• Rotor diameter: 155m
• Height to blade tip: 200m / 230m
2. Turbine positions could be subject to micro-siting (typically up to 50m).
3. Direction given as bearing relative to Grid North (BNG).
4. The number of turbine blades and hubs theoretically visible is counted from the wireframe in sets of 3 and ignores the screening effects of any intervening objects and forestry.
5. This figure is produced in accordance with SNH Visual Representation of Wind Farms 2017 guidance and also broadly accords with the Landscape Institute's Technical Guidance Note 6/19 (Type 4 Visualisation).

Client

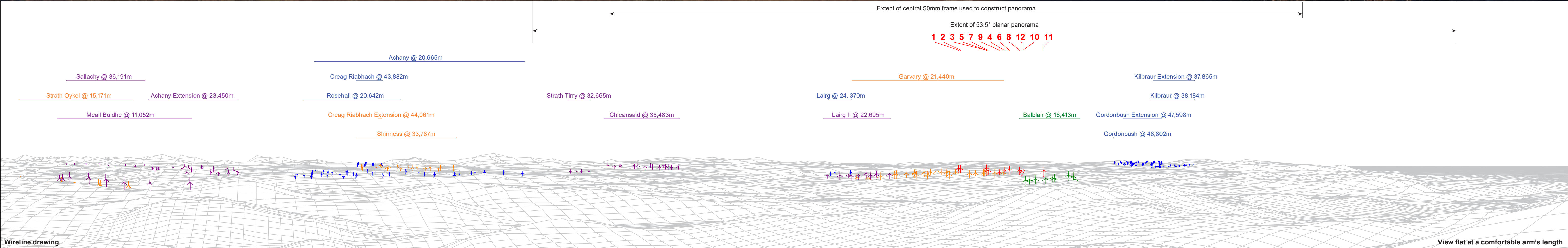


Acheilidh Wind Farm
EIA Report

Figure 6.35a
Viewpoint 18:
Càrn Chuinneag

April 2024





Wind Farm Key: Acheilidh Wind Farm Existing Consented Application Scoping

OS reference:	N247 510, E883 380	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 5D Mk2
Eye level:	830.5m AOD	Principal distance:	522mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	40°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	23.633m	Correct printed image size:	820 x 130mm	Date and time:	15/11/2018 14:50

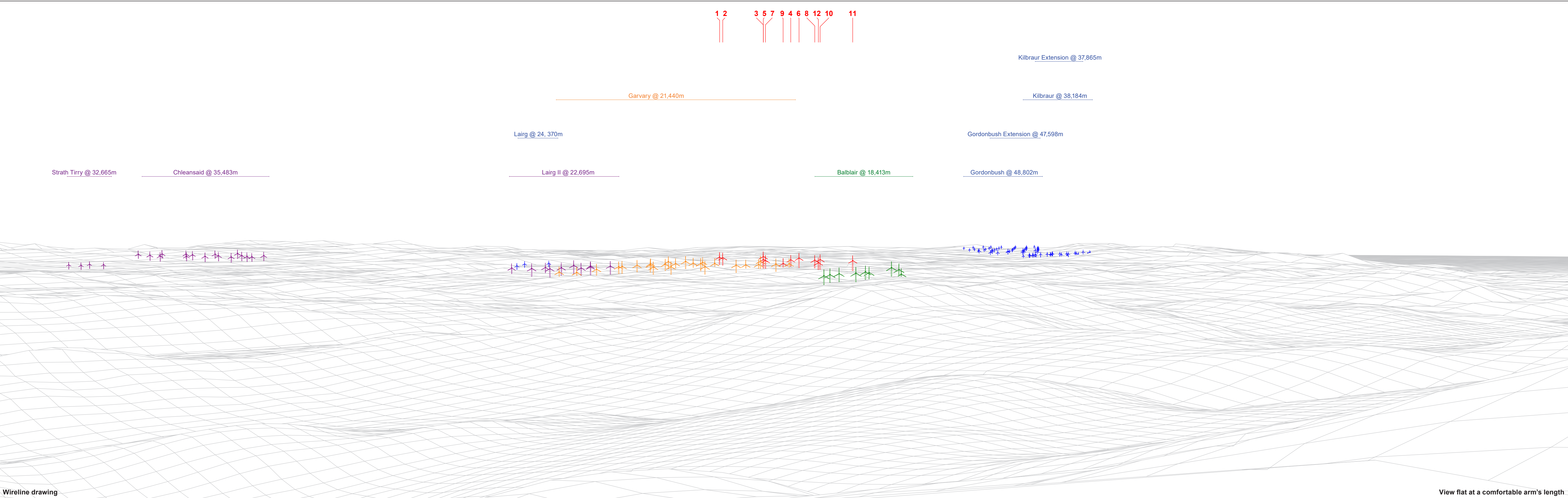
EnergieKontor

Figure 6.35b
Viewpoint 18:
Càrn Chuinneag

April 2024



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Wireline drawing

Note: Turbines 1, 2, 4, 8, 9 and 11 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Acheilidh Wind Farm Existing Consented Application Scoping

OS reference:	N247 510, E883 380	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mk2
Eye level:	830.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	40°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	23.633m	Correct printed image size:	820 x 260mm	Date and time:	15/11/2018 14:50

Client



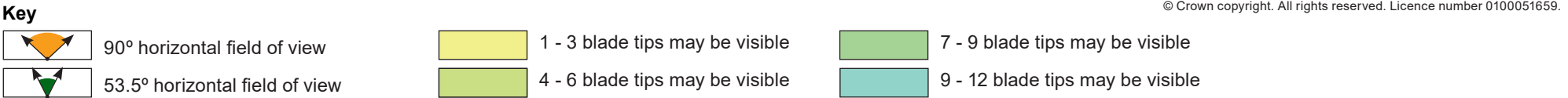
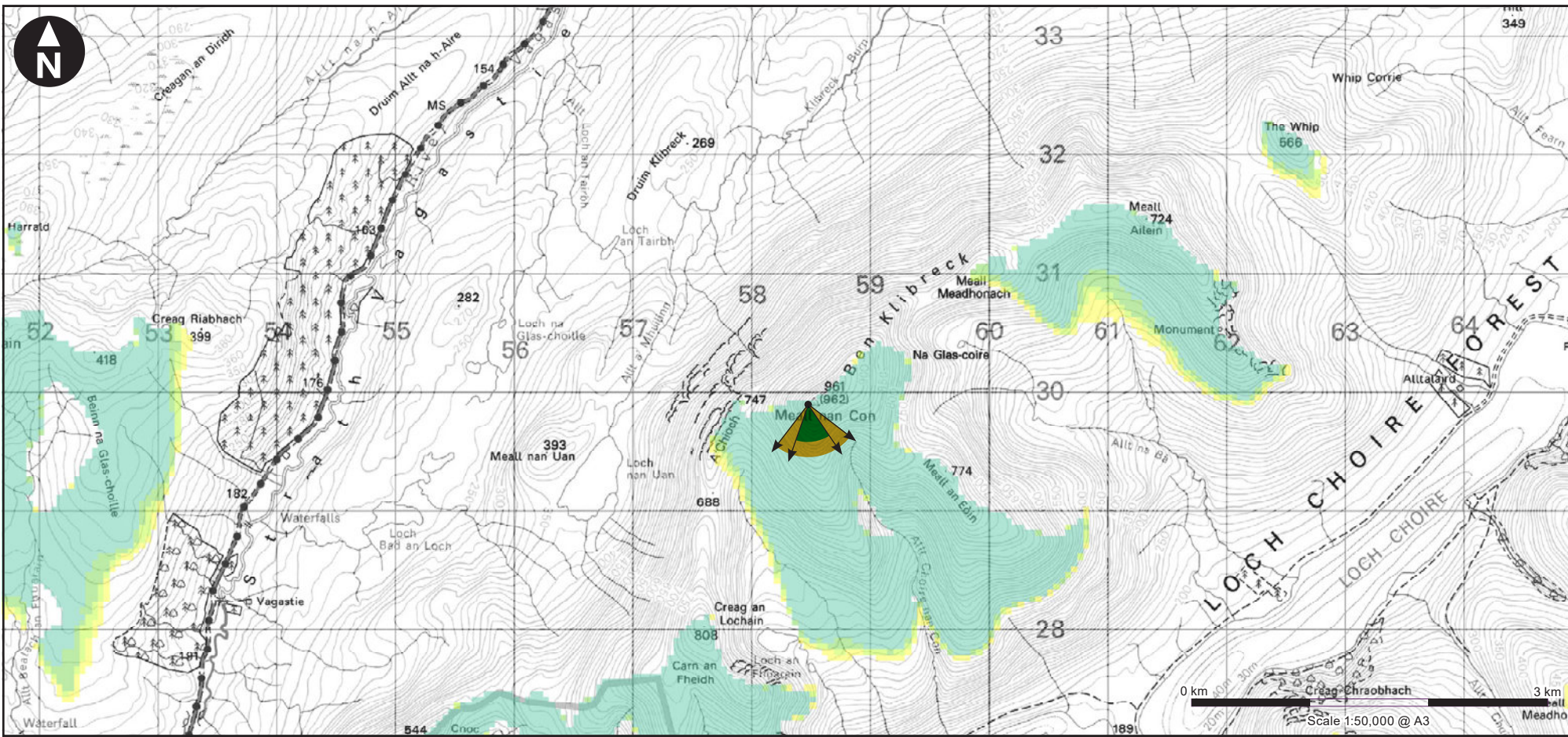
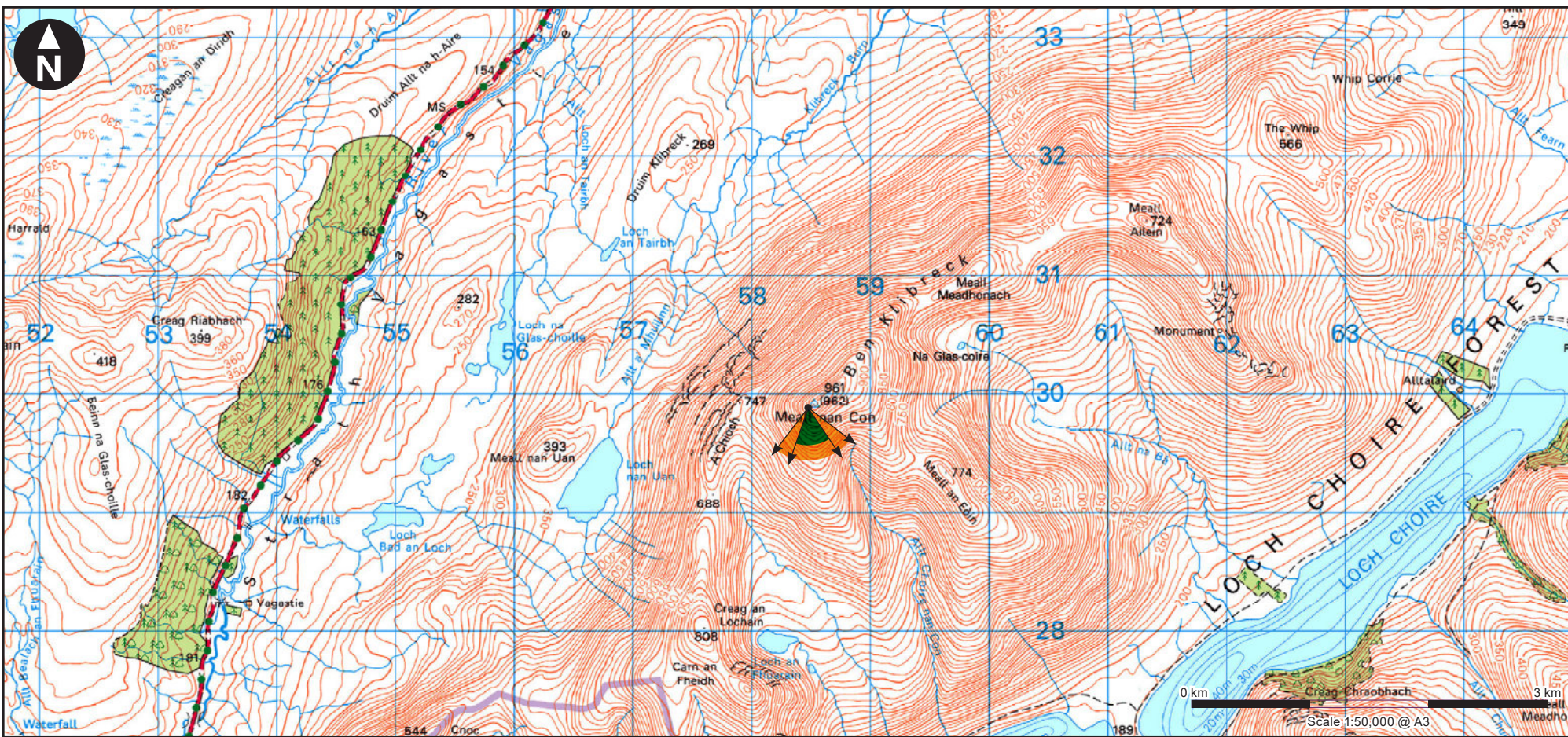
Acheilidh Wind Farm
EIA Report

Figure 6.35c
Viewpoint 18:
Càrn Chuinneag

View flat at a comfortable arm's length

April 2024





Viewpoint Parameters

OS reference:	N258 480, E929 900
Ground Level Elevation:	961m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	169°
Distance to nearest turbine:	27,646m
Number of blade tips theoretically visible ⁴ :	12
Number of hubs theoretically visible ⁴ :	12
Date and time of viewpoint photography:	31/08/2022 @ 13:30
Camera:	Canon EOS 5D Mk2
Lens:	50mm (Canon EF 50mm f/1.8)

Information on the limitations of visualisations:

Visualisations of wind farms have a number of limitations which you should be aware of when using them to form a judgement on a wind farm proposal. These include:

- A visualisation can never show exactly what the wind farm will look like in reality due to factors such as: different lighting, weather and seasonal conditions which vary through time and the resolution of the image;
- The images provided give a reasonable impression of the scale of the turbines and the distance to the turbines, but can never be 100% accurate;
- A static image cannot convey turbine movement, or flicker or reflection from the sun on the turbine blades as they move;
- The viewpoints illustrated are representative of views in the area, but cannot represent visibility at all locations;
- To form the best impression of the impacts of the wind farm proposal these images are best viewed at the viewpoint location shown;
- The images must be printed at the right size to be viewed properly (260mm by 820mm);
- You should hold the images flat at a comfortable arm's length. If viewing these images on a wall or board at an exhibition, you should stand at arm's length from the image presented.
- The ZTV presented here takes no account of the screening effects of vegetation or buildings.

Additional notes:

1. This figure has been based on the following parameters:
Turbine layout file: LACHEILIDH004.WFL
• Hub height: 122.5m / 155.5m
• Rotor diameter: 155m
• Height to blade tip: 200m / 230m
2. Turbine positions could be subject to micro-siting (typically up to 50m).
3. Direction given as bearing relative to Grid North (BNG).
4. The number of turbine blades and hubs theoretically visible is counted from the wireframe in sets of 3 and ignores the screening effects of any intervening objects and forestry.
5. This figure is produced in accordance with SNH Visual Representation of Wind Farms 2017 guidance and also broadly accords with the Landscape Institute's Technical Guidance Note 6/19 (Type 4 Visualisation).

Client



Acheilidh Wind Farm
EIA Report

Figure 6.36a
Viewpoint 19:
Ben Klibreck

April 2024

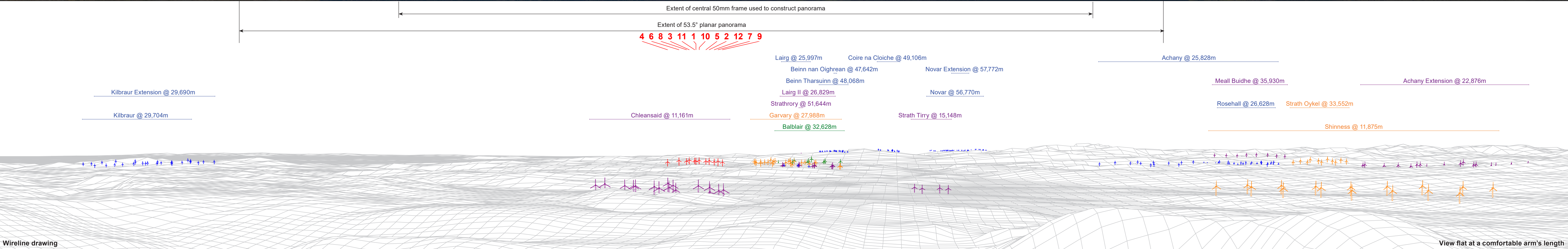


C:\Users\UKC\775\OneDrive - WSP\035\ArcGIS\Lang 3\Design\Figure 6.36a-c-VP19 Ben Klibreck 80875-WSP-EG-SA-00106_R1.indd Originator: wils03



Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

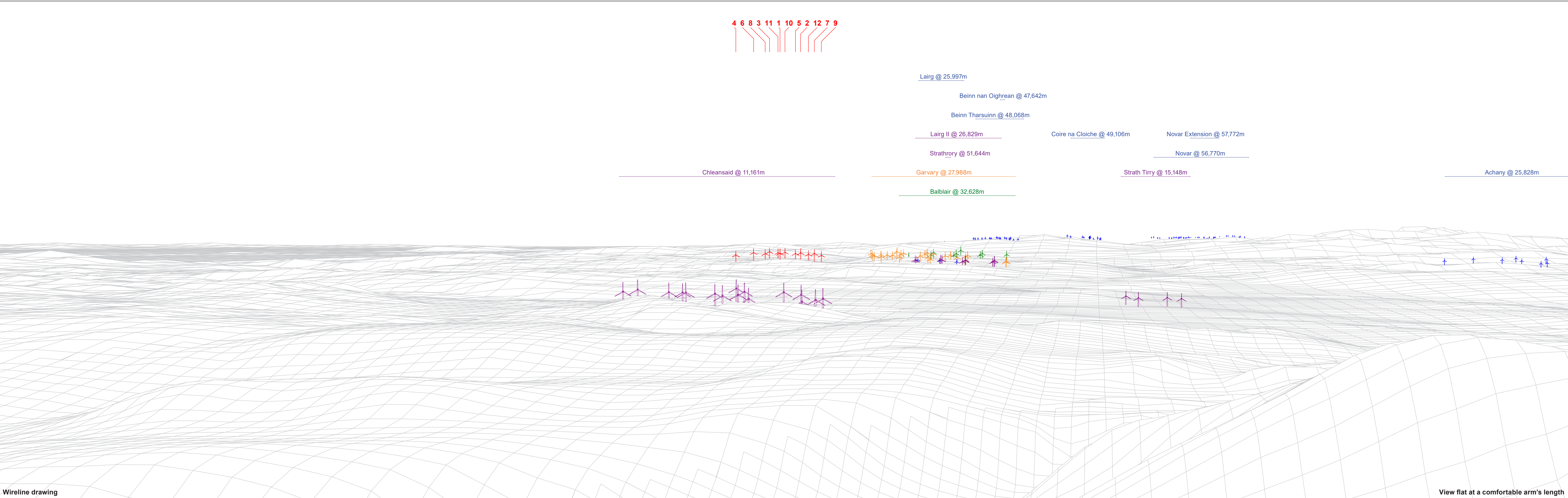
Note: Turbines 1, 2, 4, 8, 9 and 11 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Acheilidh Wind Farm Existing Consented Application Scoping

OS reference:	N258 480, E929 900	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 5D Mk2
Eye level:	962.5m AOD	Principal distance:	522mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	173°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	27,646m	Correct printed image size:	820 x 130mm	Date and time:	31/08/2022 13:30

Client		Acheilidh Wind Farm EIA Report	Figure 6.36b Viewpoint 19: Ben Klibreck	April 2024	
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C:\Users\UKC\775\OneDrive - WSP\0365\ArcGIS\Lang 3\1\Design\Figure 6.36a-c-VP19 Ben Klibreck 80875-WSP-EG-SA-00106_R1.indd Originator: wils03



Wireline drawing

Note: Turbines 1, 2, 4, 8, 9 and 11 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Acheilidh Wind Farm Existing Consented Application Scoping

OS reference:	N258 480, E929 900	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mk2
Eye level:	962.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	173°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	27,646m	Correct printed image size:	820 x 260mm	Date and time:	31/08/2022 13:30

Client



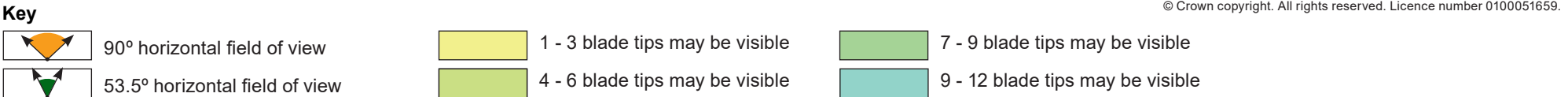
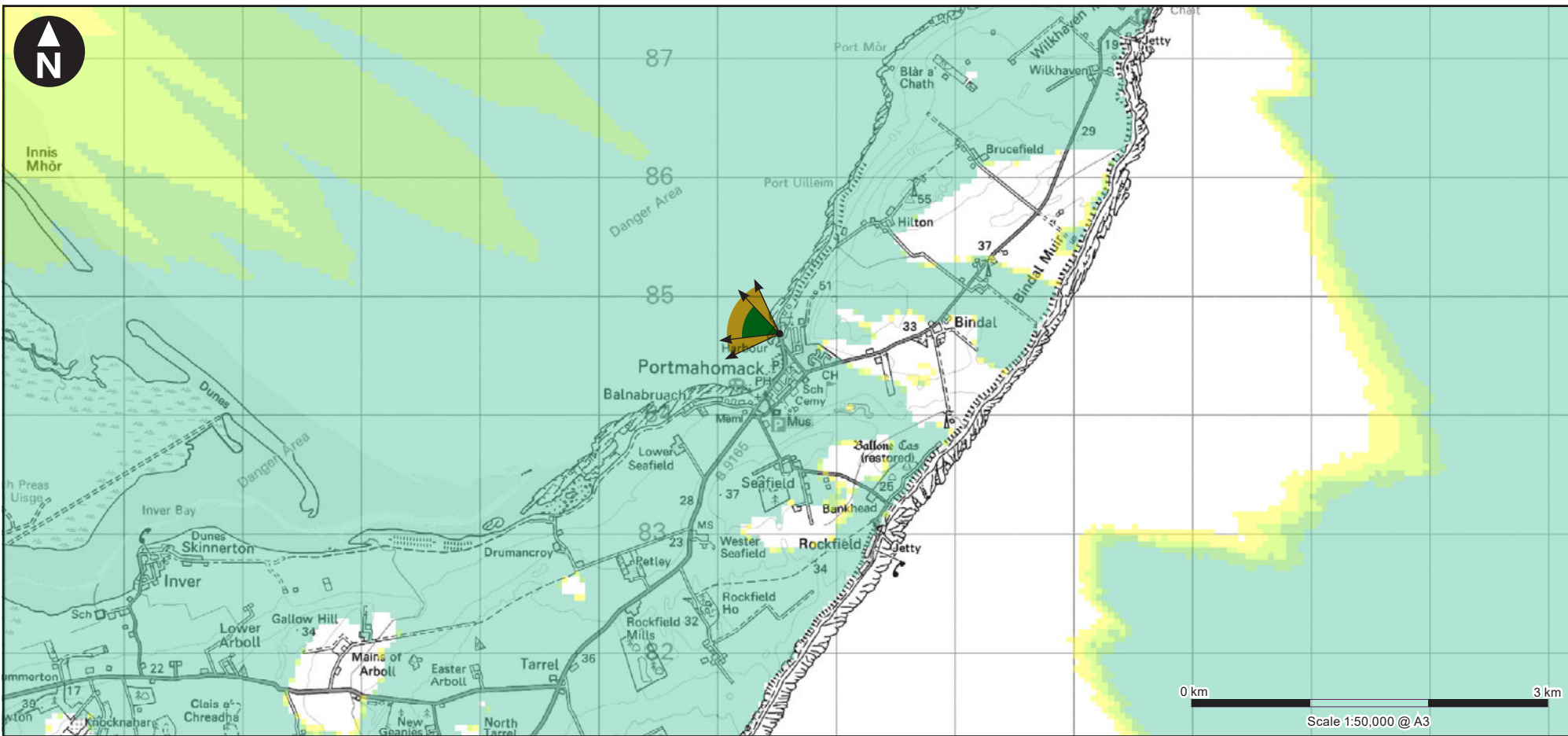
Acheilidh Wind Farm
EIA Report

Figure 6.36c
Viewpoint 19:
Ben Klibreck

View flat at a comfortable arm's length

April 2024





Viewpoint Parameters

OS reference:	N291 525, E884 689
Ground Level Elevation:	9m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	302°
Distance to nearest turbine:	31,183m
Number of blade tips theoretically visible ⁴ :	12
Number of hubs theoretically visible ⁴ :	3
Date and time of viewpoint photography:	02/10/2019 @ 09:50
Camera:	Canon EOS 5D Mk2
Lens:	50mm (Canon EF 50mm f/1.8)

Information on the limitations of visualisations:

Visualisations of wind farms have a number of limitations which you should be aware of when using them to form a judgement on a wind farm proposal. These include:

- A visualisation can never show exactly what the wind farm will look like in reality due to factors such as: different lighting, weather and seasonal conditions which vary through time and the resolution of the image;
- The images provided give a reasonable impression of the scale of the turbines and the distance to the turbines, but can never be 100% accurate;
- A static image cannot convey turbine movement, or flicker or reflection from the sun on the turbine blades as they move;
- The viewpoints illustrated are representative of views in the area, but cannot represent visibility at all locations;
- To form the best impression of the impacts of the wind farm proposal these images are best viewed at the viewpoint location shown;
- The images must be printed at the right size to be viewed properly (260mm by 820mm);
- You should hold the images flat at a comfortable arm's length. If viewing these images on a wall or board at an exhibition, you should stand at arm's length from the image presented.
- The ZTV presented here takes no account of the screening effects of vegetation or buildings.

Additional notes:

1. This figure has been based on the following parameters:
Turbine layout file: LACHEILIDH004.WFL
• Hub height: 122.5m / 155.5m
• Rotor diameter: 155m
• Height to blade tip: 200m / 230m
2. Turbine positions could be subject to micro-siting (typically up to 50m).
3. Direction given as bearing relative to Grid North (BNG).
4. The number of turbine blades and hubs theoretically visible is counted from the wireframe in sets of 3 and ignores the screening effects of any intervening objects and forestry.
5. This figure is produced in accordance with SNH Visual Representation of Wind Farms 2017 guidance and also broadly accords with the Landscape Institute's Technical Guidance Note 6/19 (Type 4 Visualisation).

Client

Acheilidh Wind Farm
EIA Report

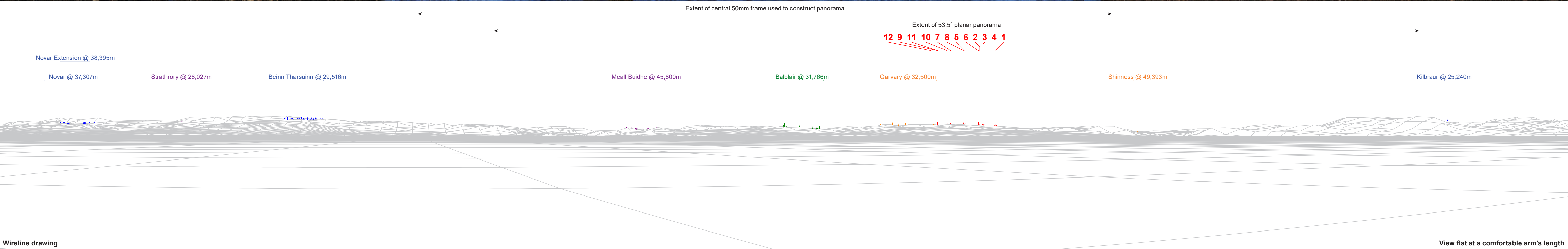
Figure 6.37a
Viewpoint 20:
Portmahomack

April 2024



Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

Note: Turbine 1 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Acheilidh Wind Farm Existing Consented Application Scoping

OS reference:	N291 525, E884 689	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 5D Mk2
Eye level:	10.5m AOD	Principal distance:	522mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	290°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	31,183m	Correct printed image size:	820 x 130mm	Date and time:	02/10/2019 09:50

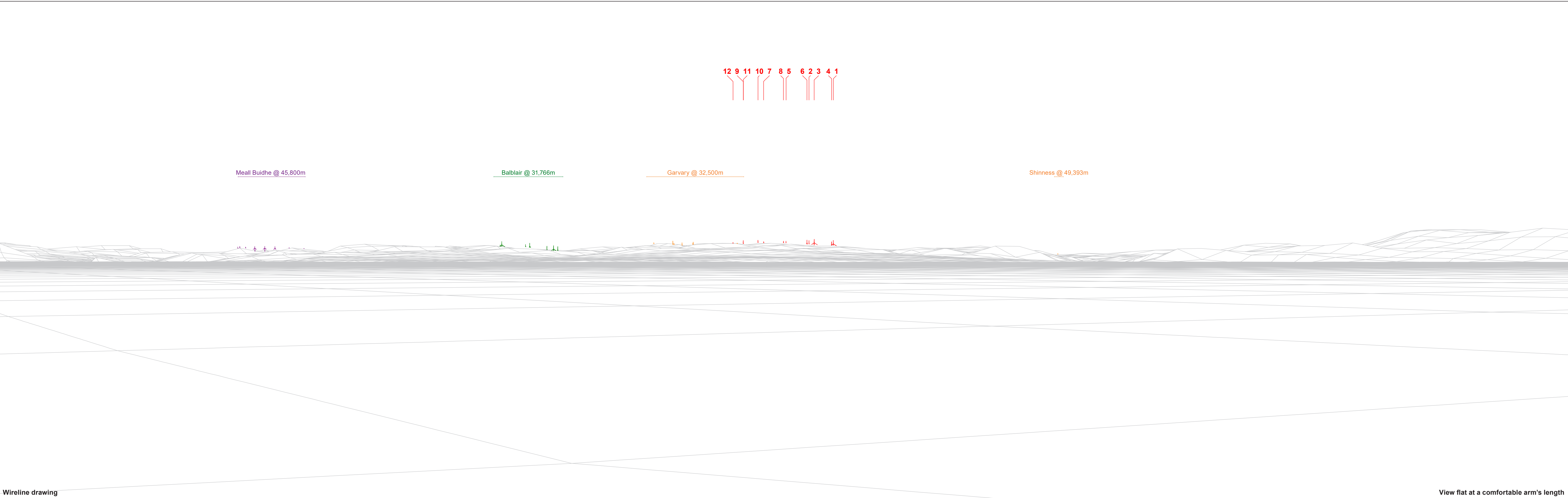
Client

Acheilidh Wind Farm
EIA Report

Figure 6.37b
Viewpoint 20:
Portmahomack

April 2024

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Originator: wils03



Wireline drawing

Note: Turbine 1 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Acheilidh Wind Farm Existing Consented Application Scoping

OS reference:	N291 525, E884 689	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mk2
Eye level:	10.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	290°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	31,183m	Correct printed image size:	820 x 260mm	Date and time:	02/10/2019 09:50

Client



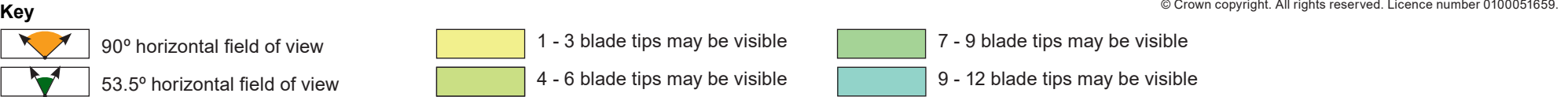
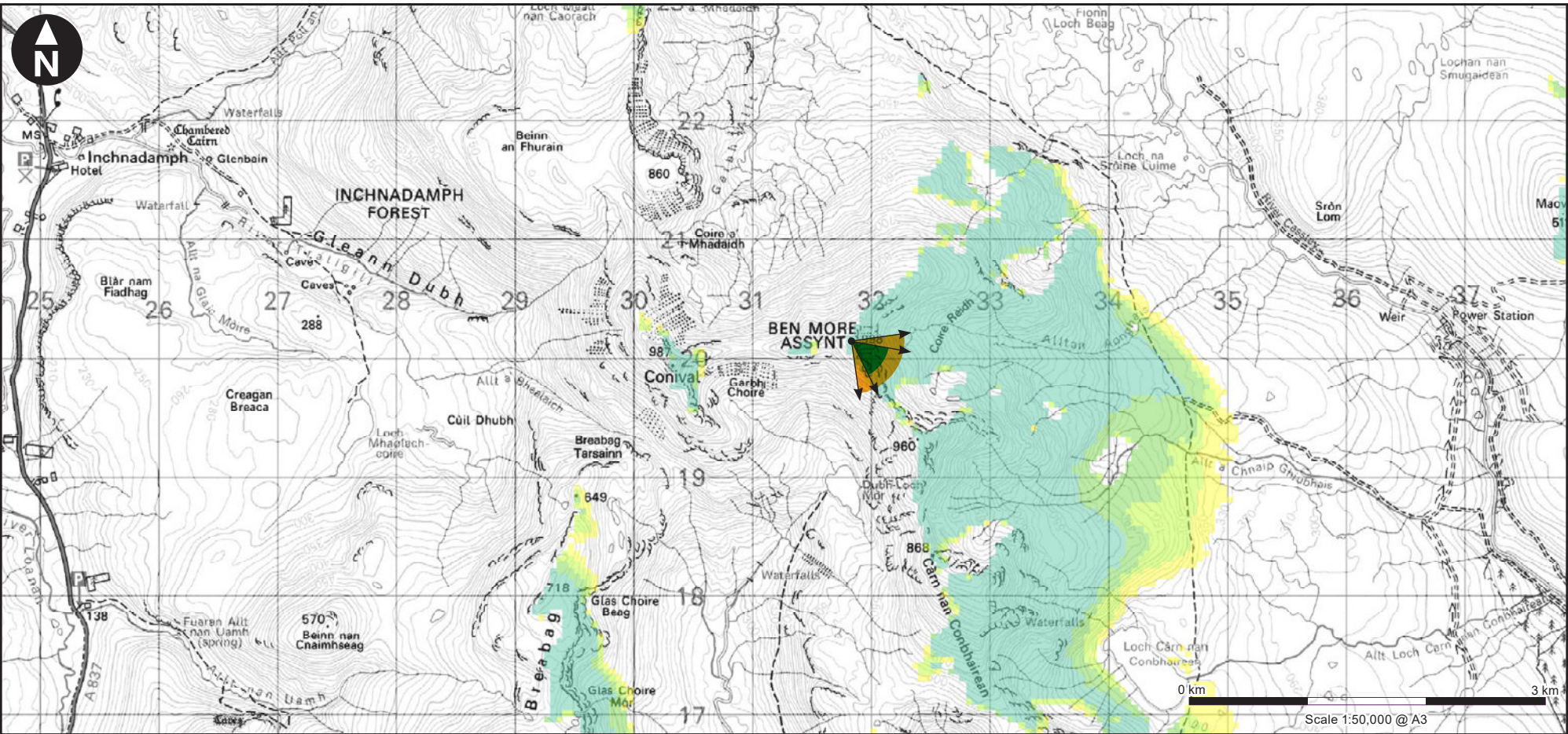
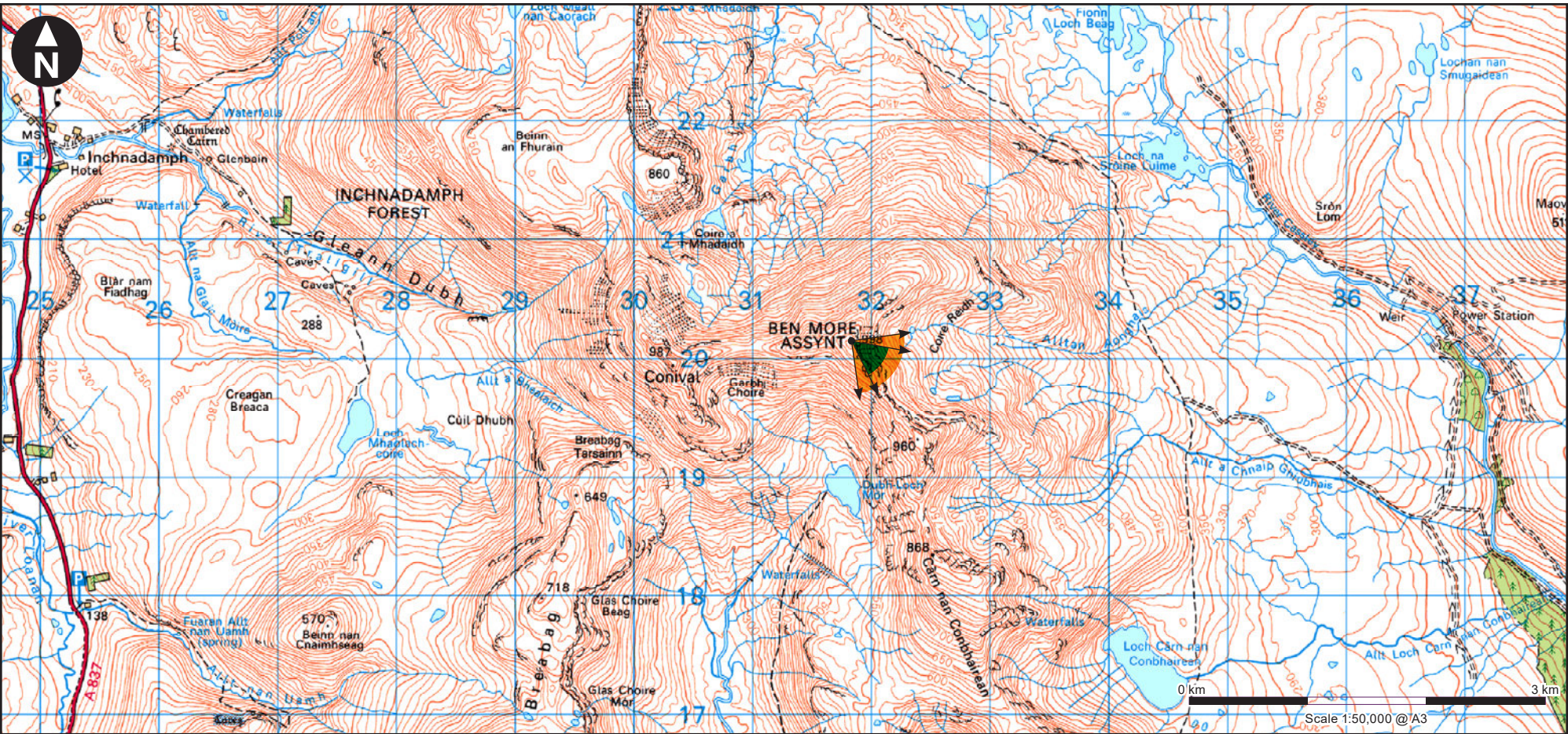
Acheilidh Wind Farm
EIA Report

Figure 6.37c
Viewpoint 20:
Portmahomack

View flat at a comfortable arm's length

April 2024





Viewpoint Parameters

OS reference:	N231 833, E920 148
Ground Level Elevation:	998m AOD
Camera Height:	1.5m AGL
Direction of view to site centre³:	120°
Distance to nearest turbine:	36,468m
Number of blade tips theoretically visible⁴:	12
Number of hubs theoretically visible⁴:	12
Date and time of viewpoint photography:	02/10/2020 @ 17:40
Camera:	Sony A7RIII
Lens:	50mm (Canon 50mm f/1.2)

Information on the limitations of visualisations:

Visualisations of wind farms have a number of limitations which you should be aware of when using them to form a judgement on a wind farm proposal. These include:

- A visualisation can never show exactly what the wind farm will look like in reality due to factors such as: different lighting, weather and seasonal conditions which vary through time and the resolution of the image;
- The images provided give a reasonable impression of the scale of the turbines and the distance to the turbines, but can never be 100% accurate;
- A static image cannot convey turbine movement, or flicker or reflection from the sun on the turbine blades as they move;
- The viewpoints illustrated are representative of views in the area, but cannot represent visibility at all locations;
- To form the best impression of the impacts of the wind farm proposal these images are best viewed at the viewpoint location shown;
- The images must be printed at the right size to be viewed properly (260mm by 820mm);
- You should hold the images flat at a comfortable arm's length. If viewing these images on a wall or board at an exhibition, you should stand at arm's length from the image presented.
- The ZTV presented here takes no account of the screening effects of vegetation or buildings.

Additional notes:

1. This figure has been based on the following parameters:
Turbine layout file: LACHEILIDH004.WFL
• Hub height: 122.5m / 155.5m
• Rotor diameter: 155m
• Height to blade tip: 200m / 230m
2. Turbine positions could be subject to micro-siting (typically up to 50m).
3. Direction given as bearing relative to Grid North (BNG).
4. The number of turbine blades and hubs theoretically visible is counted from the wireframe in sets of 3 and ignores the screening effects of any intervening objects and forestry.
5. This figure is produced in accordance with SNH Visual Representation of Wind Farms 2017 guidance and also broadly accords with the Landscape Institute's Technical Guidance Note 6/19 (Type 4 Visualisation).

Client

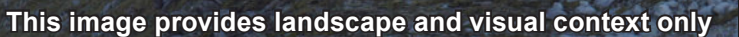


Acheilidh Wind Farm
EIA Report

Figure 6.38a
Viewpoint 21:
Ben More Assynt

April 2024





Wind Farm Key: Acheilidh Wind Farm Existing Consented Application Scoping

OS reference:	N231 833, E920 148	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony A7R1II
Eye level:	999.5m AOD	Principal distance:	522mm	Lens:	50mm (Canon 50mm f/1.2)
Direction of view:	127°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	36.468m	Correct printed image size:	820 x 130mm	Date and time:	02/10/2020 17:40

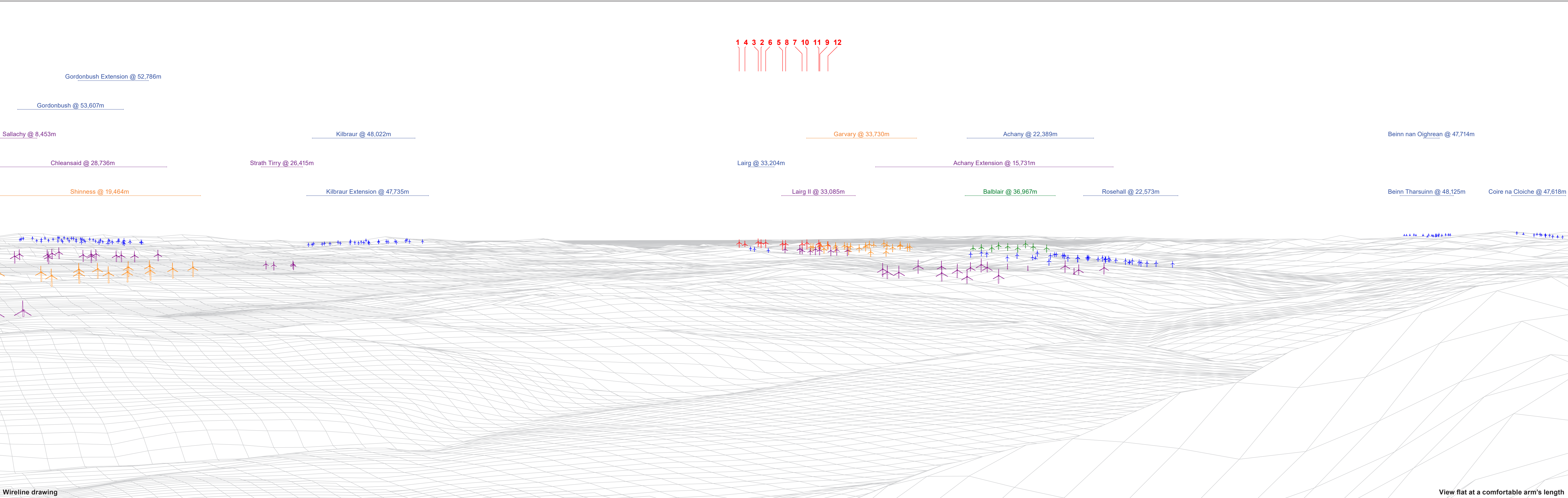
EnergieKontor

Figure 6.38b
Viewpoint 21:
Ben More Assynt

April 2024



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Originator: wilsc03



Wireline drawing

Note: Turbines 1, 2, 4, 8, 9 and 11 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Acheilidh Wind Farm Existing Consented Application Scoping

OS reference:	N231 833, E920 148	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony A7RIII
Eye level:	999.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Canon 50mm f/1.2)
Direction of view:	127°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	36,468m	Correct printed image size:	820 x 260mm	Date and time:	02/10/2020 17:40

Client



Acheilidh Wind Farm
EIA Report

Figure 6.38c
Viewpoint 21:
Ben More Assynt

View flat at a comfortable arm's length

April 2024



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