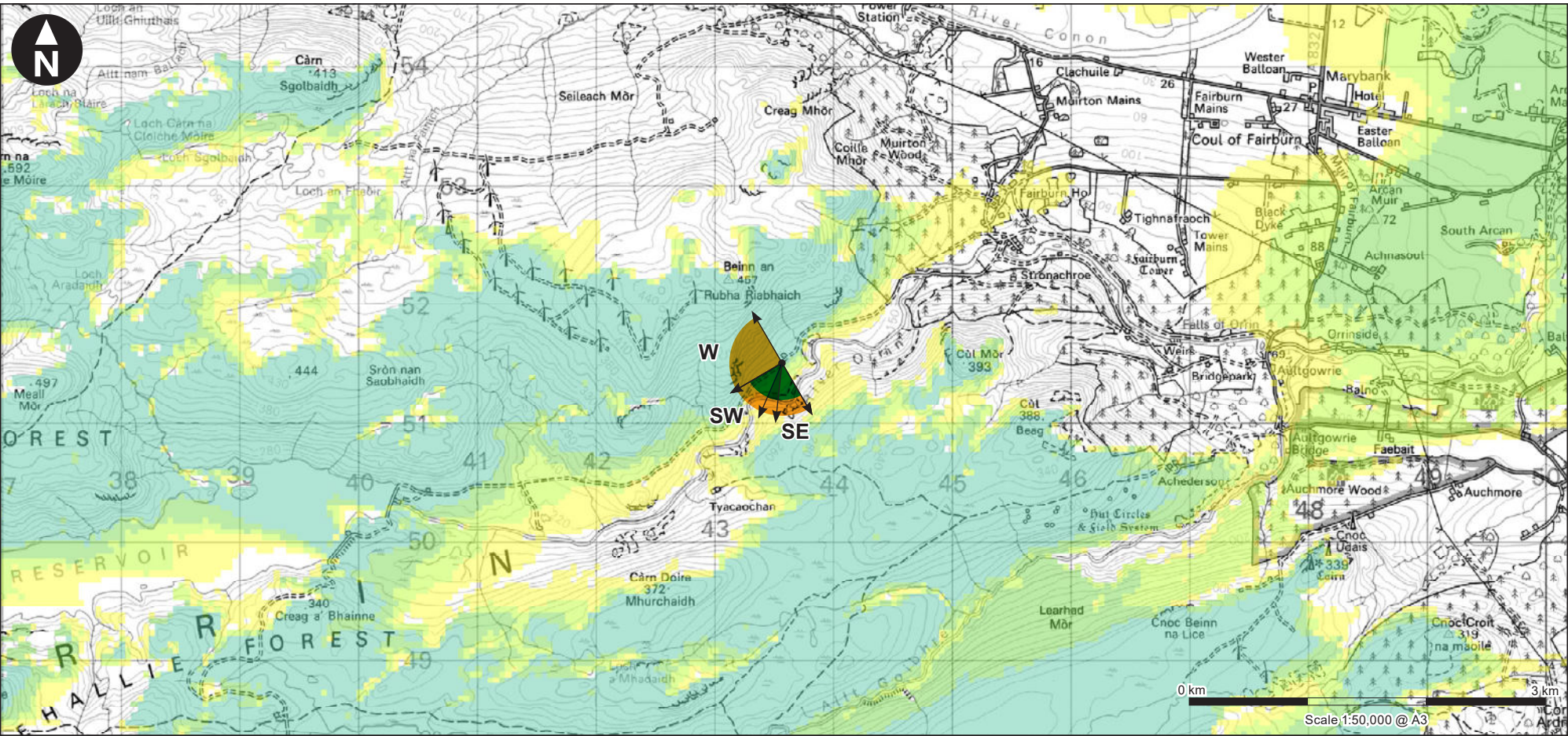
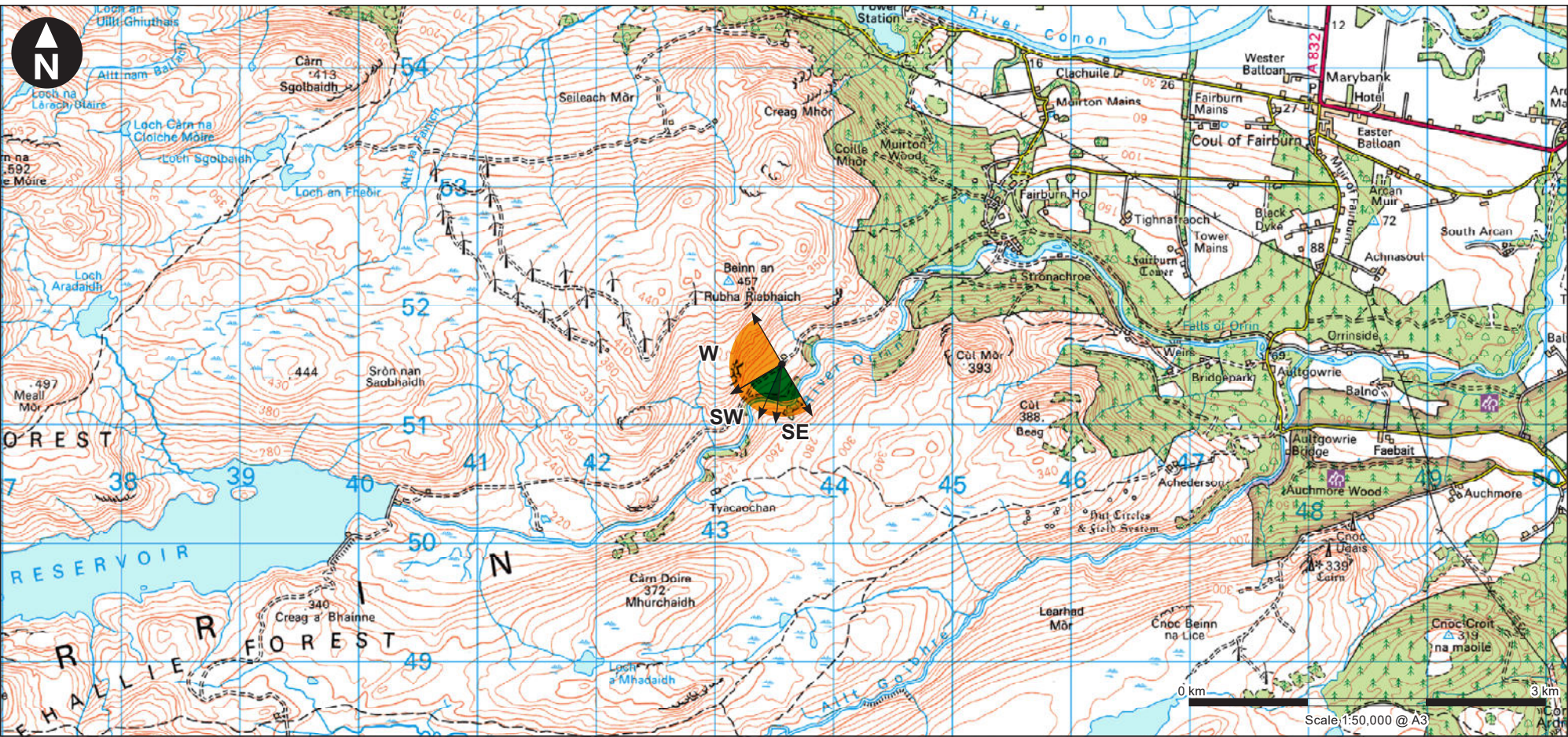


Viewpoint Parameters

OS reference:	E243 569, N851 502
Ground Level Elevation:	230m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	185°
Distance to nearest turbine:	3,624m
Number of blade tips theoretically visible ⁴ :	17
Number of hubs theoretically visible ⁴ :	11
Date and time of viewpoint photography:	19/09/2024 @ 16:25
Camera:	Sony ILCE-7RM3A
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: LBALLACH005.WFL
• Hub height: 149m / 119m
• Rotor diameter: 162m
• Height to blade tip: 230m / 200m
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).



Ballach Wind Farm
EIA Report

Figure 6.18a
Viewpoint 1:
Core Path RC30.01 to Orrin Dam

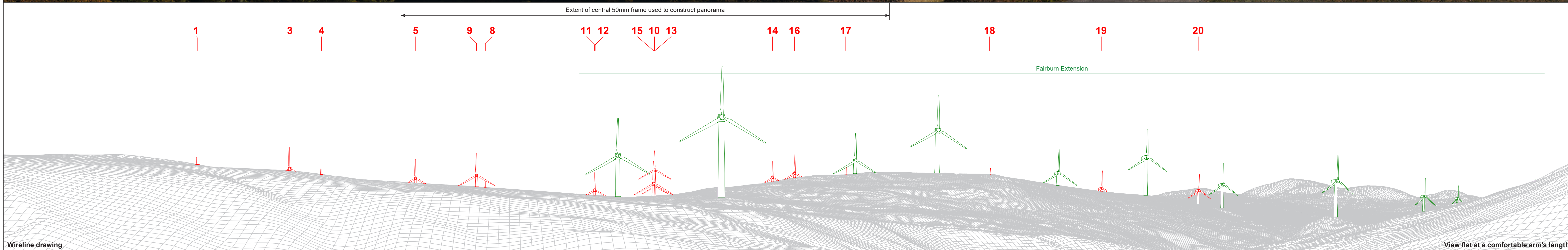


June 2025

South view

Baseline photograph

This image provides landscape and visual context only



Wireline drawing

Note: Turbines 3, 14 and 20 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key:  Ballach Wind Farm  Existing  Consented  Application  Scoping

OS reference:	E243 569, N851 502
Eye level:	231.5m AOD
Direction of view:	195°
Nearest turbine:	3,624m

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 ILCE-7RM3A
Lens:	50mm (Sony FE 50mm f/1.2 GM)
Camera height:	1.5m AGL
Date and time:	19/09/2024 @ 16:25

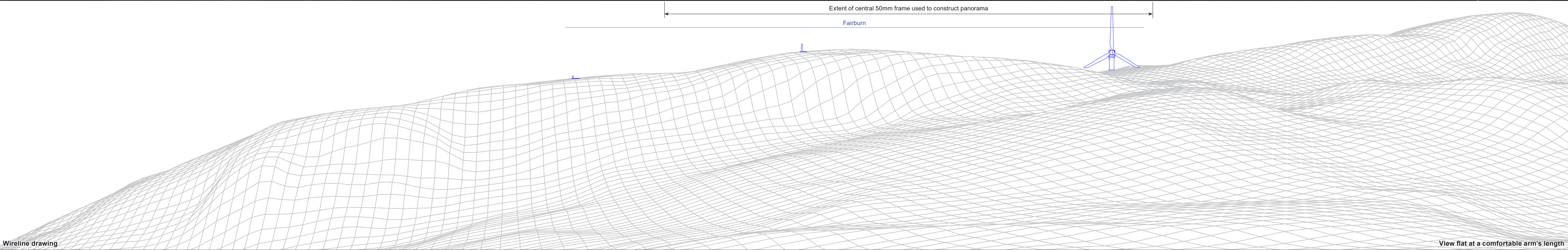
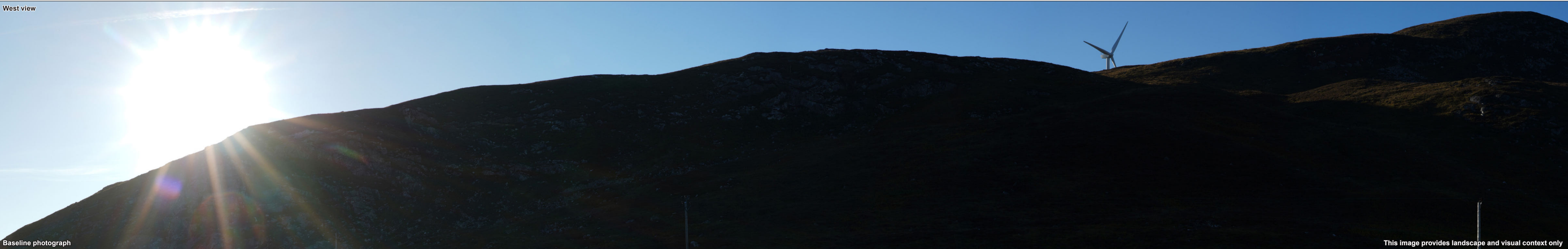
	Client
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Ballach Wind Farm
EIA Report

Figure 6.18b
Viewpoint 1:
Core Path RC30.01 to Orrin Dam

June 2025





Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E243 569, N851 502	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-7RM3A
Eye level:	231.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	285°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	3,624m	Correct printed image size:	820 x 130mm	Date and time:	19/09/2024 @ 16:25

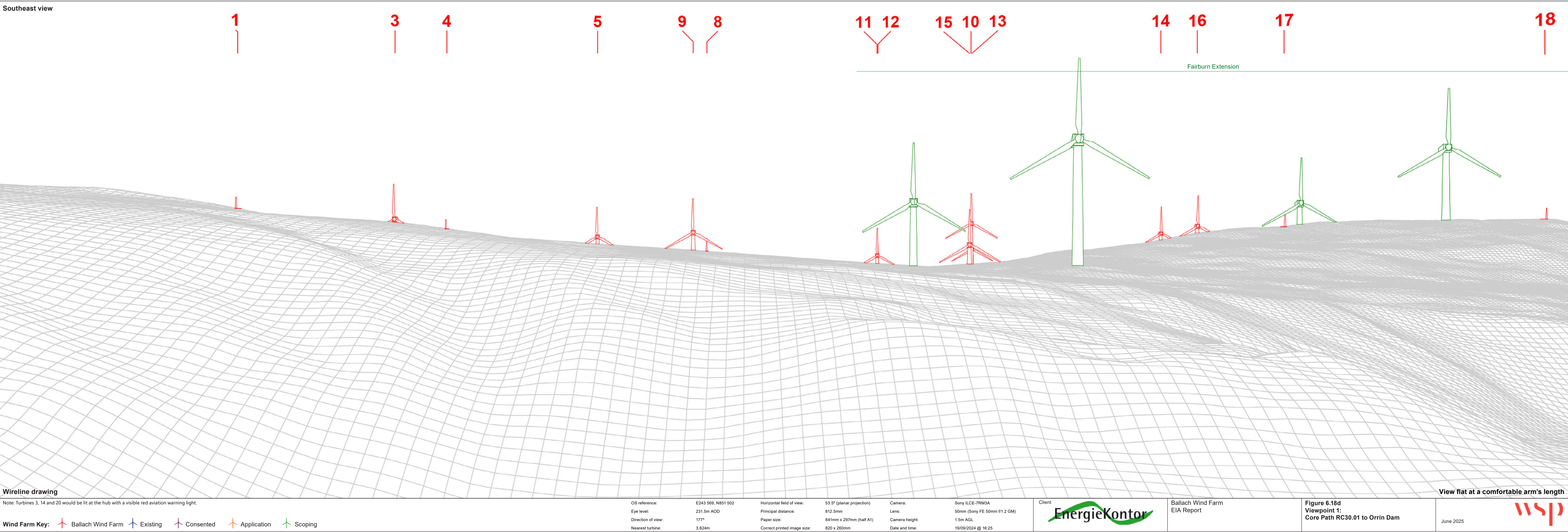
Client

Ballach Wind Farm
EIA Report

Figure 6.18c
Viewpoint 1:
Core Path RC30.01 to Orrin Dam

June 2025





Southeast view



Photomontage

View flat at a comfortable arm's length

OS reference:	E243 569, N851 502	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A
Eye level:	231.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	177°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	3,624m	Correct printed image size:	820 x 260mm	Date and time:	19/09/2024 @ 16:25



Client
Ballach Wind Farm
EIA Report

Figure 6.18e
Viewpoint 1:
Core Path RC30.01 to Orrin Dam

June 2025



Southwest view

11 12

15 10 13

14 16

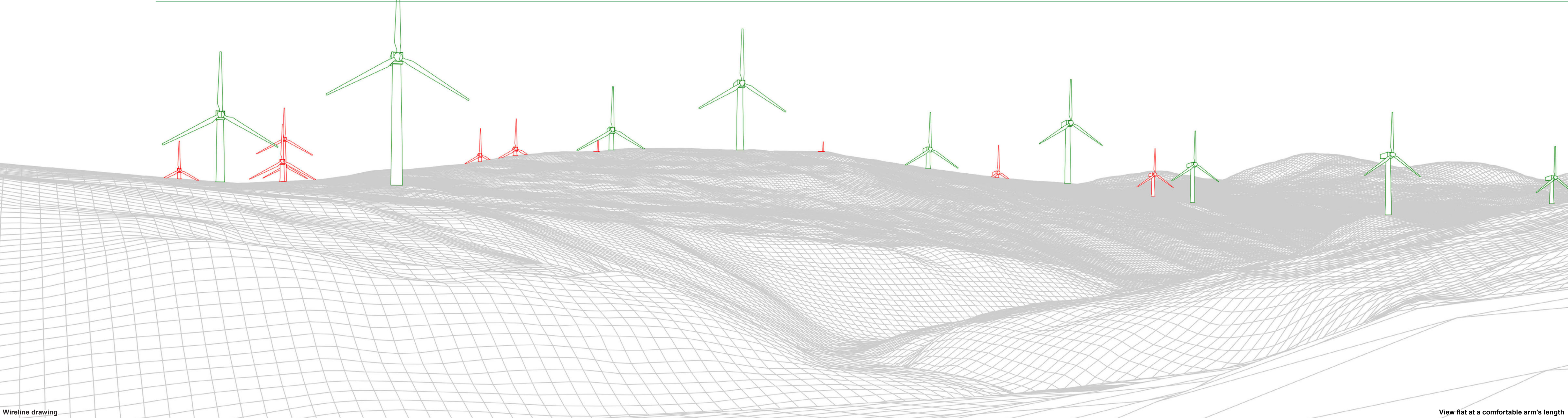
17

18

19

20

Fairburn Extension



Wireline drawing

Note: Turbines 3, 14 and 20 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E243 569, N851 502	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A
Eye level:	231.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	213°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	3,624m	Correct printed image size:	820 x 260mm	Date and time:	19/09/2024 @ 16:25



Client
Ballach Wind Farm
EIA Report

Figure 6.18f
Viewpoint 1:
Core Path RC30.01 to Orrin Dam

June 2025



View flat at a comfortable arm's length

Figure 6.18a-1 VP1 Core Path UK0037682.3719-WSPE-FG-S4-00030_R4 Originator: UKCGW775

Southwest view



Photomontage

View flat at a comfortable arm's length

OS reference:	E243 569, N851 502	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A
Eye level:	231.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	213°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	3,624m	Correct printed image size:	820 x 260mm	Date and time:	19/09/2024 @ 16:25



Client
Ballach Wind Farm
EIA Report

Figure 6.18g
Viewpoint 1:
Core Path RC30.01 to Orrin Dam

June 2025



Figure 6.18a VPI Core Path UK003782.3719-WSPE-FG-SA-00030_R4 Originator: UKCGW775



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:	E243 569, N851 502	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-7RM3A
Eye level:	231.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	195°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	3,624m	Correct printed image size:	820 x 260mm	Date and time:	19/09/2024 @ 16:25

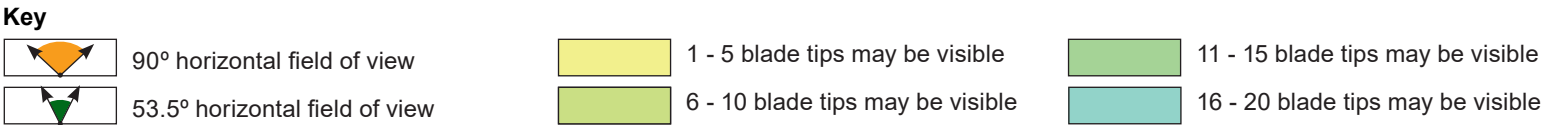
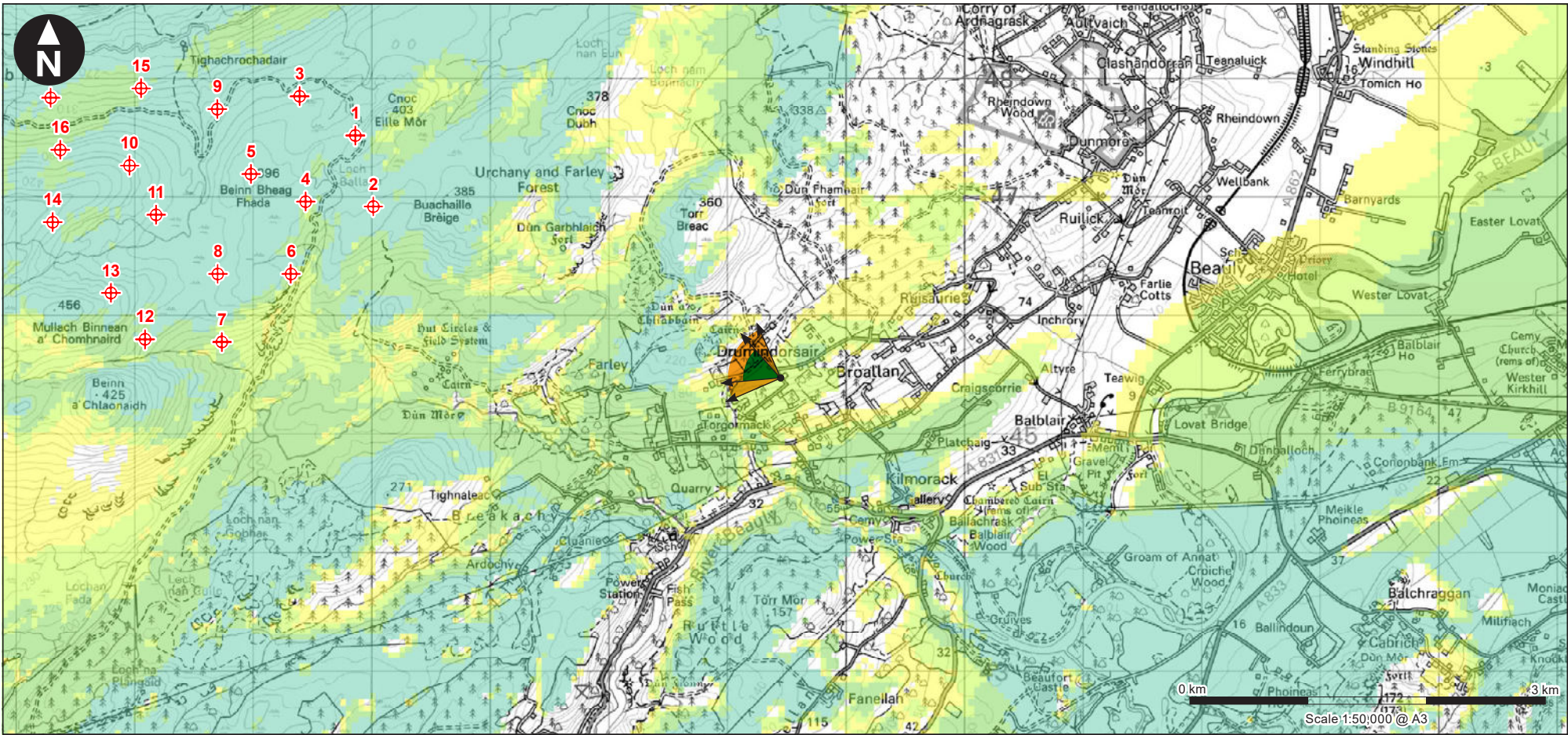
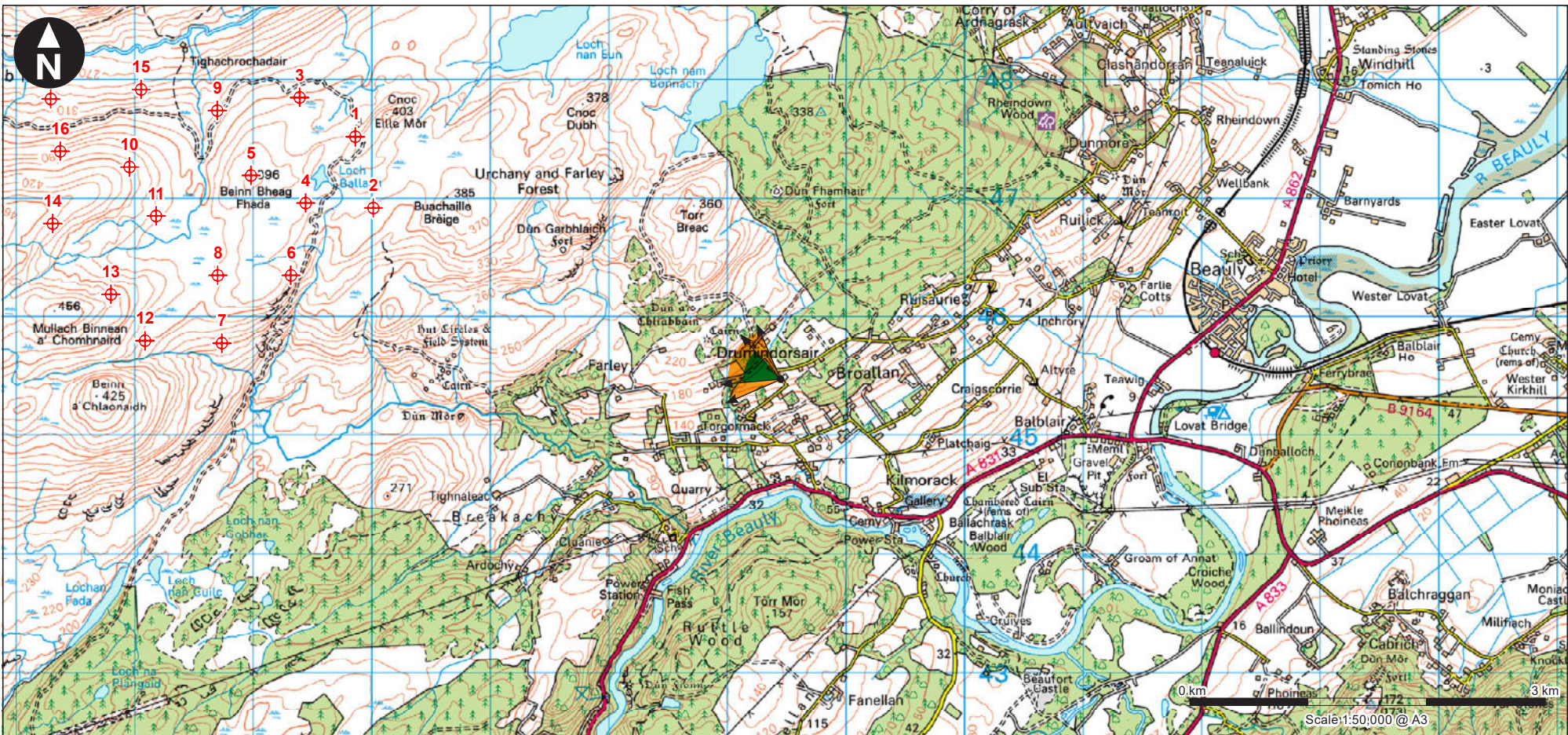


Client
Ballach Wind Farm
EIA Report

Figure 6.18h
Viewpoint 1:
Core Path RC30.01 to Orrin Dam

June 2025





Viewpoint Parameters

OS reference:	E248 451, N845 470
Ground Level Elevation:	178m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	287°
Distance to nearest turbine:	3,729m
Number of blade tips theoretically visible ⁴ :	5
Number of hubs theoretically visible ⁴ :	3
Date and time of viewpoint photography:	20/09/2024 @ 12:50
Camera:	Sony ILCE-7RM3A
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: LBALLACH005.WFL
 - Hub height: 149m / 119m
 - Rotor diameter: 162m
 - Height to blade tip: 230m / 200m
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



Ballach Wind Farm
EIA Report

Figure 6.19a
Viewpoint 2:
Torgormack - Drumindorsair

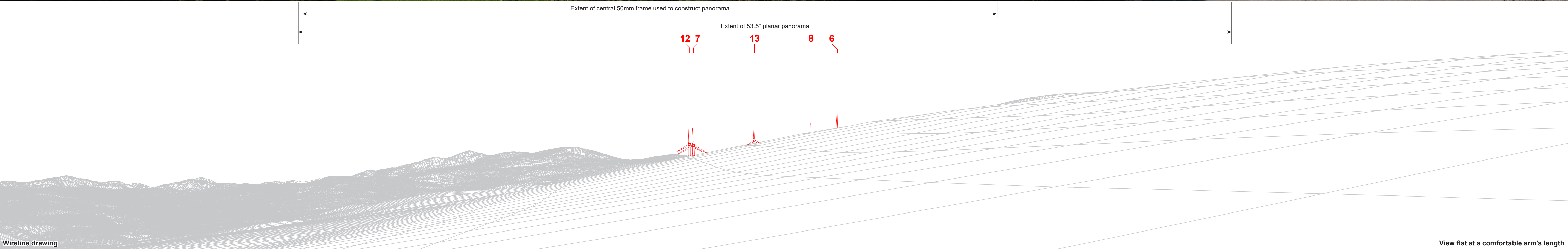
June 2025





Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

Note: Turbine 7 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E248 451, N845 470	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-7RM3A
Eye level:	179.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	292°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	3,729m	Correct printed image size:	820 x 130mm	Date and time:	20/09/2024 @ 12:50



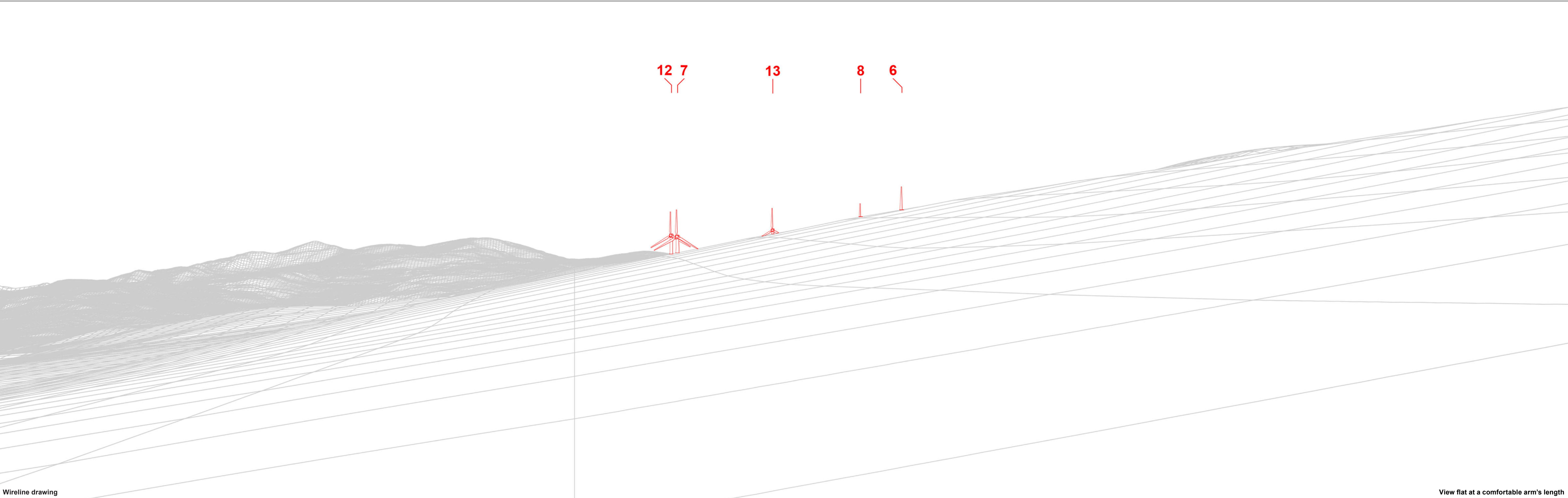
Client
Ballach Wind Farm
EIA Report

Figure 6.19b
Viewpoint 2:
Torgormack - Drumindorsair

June 2025



Figure 6.19a-e VP2 Drumindorsair UK037662.3719-WSPE-FC-SA-0001_R2
Originator: UKC8W775



Wireline drawing

Note: Turbine 7 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key:  Ballach Wind Farm  Existing  Consented  Application  Scoping

OS reference:	E248 451, N845 470	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A
Eye level:	179.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	292°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	3.729m	Correct printed image size:	820 x 260mm	Date and time:	20/09/2024 @ 12:50



Client
Ballach Wind Farm
EIA Report

Figure 6.19c
Viewpoint 2:
Torgormack - Drumindorsair

June 2025



View flat at a comfortable arm's length



Photomontage

View flat at a comfortable arm's length

OS reference:	E248 451, N845 470	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A
Eye level:	179.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	292°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	3.729m	Correct printed image size:	820 x 260mm	Date and time:	20/09/2024 @ 12:50



Client
Ballach Wind Farm
EIA Report

Figure 6.19d
Viewpoint 2:
Torgormack - Drumindorsair

June 2025



Figure 6.19a: View VP2 Drumindorsair UK037662.3719-WSP-E-FC-SA-0001_R2 Originator: UKCSW775



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:	E248 451, N845 470	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-7RM3A
Eye level:	179.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	292°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	3,729m	Correct printed image size:	820 x 260mm	Date and time:	20/09/2024 @ 12:50



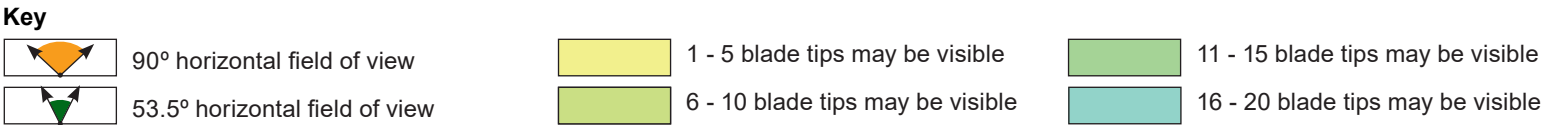
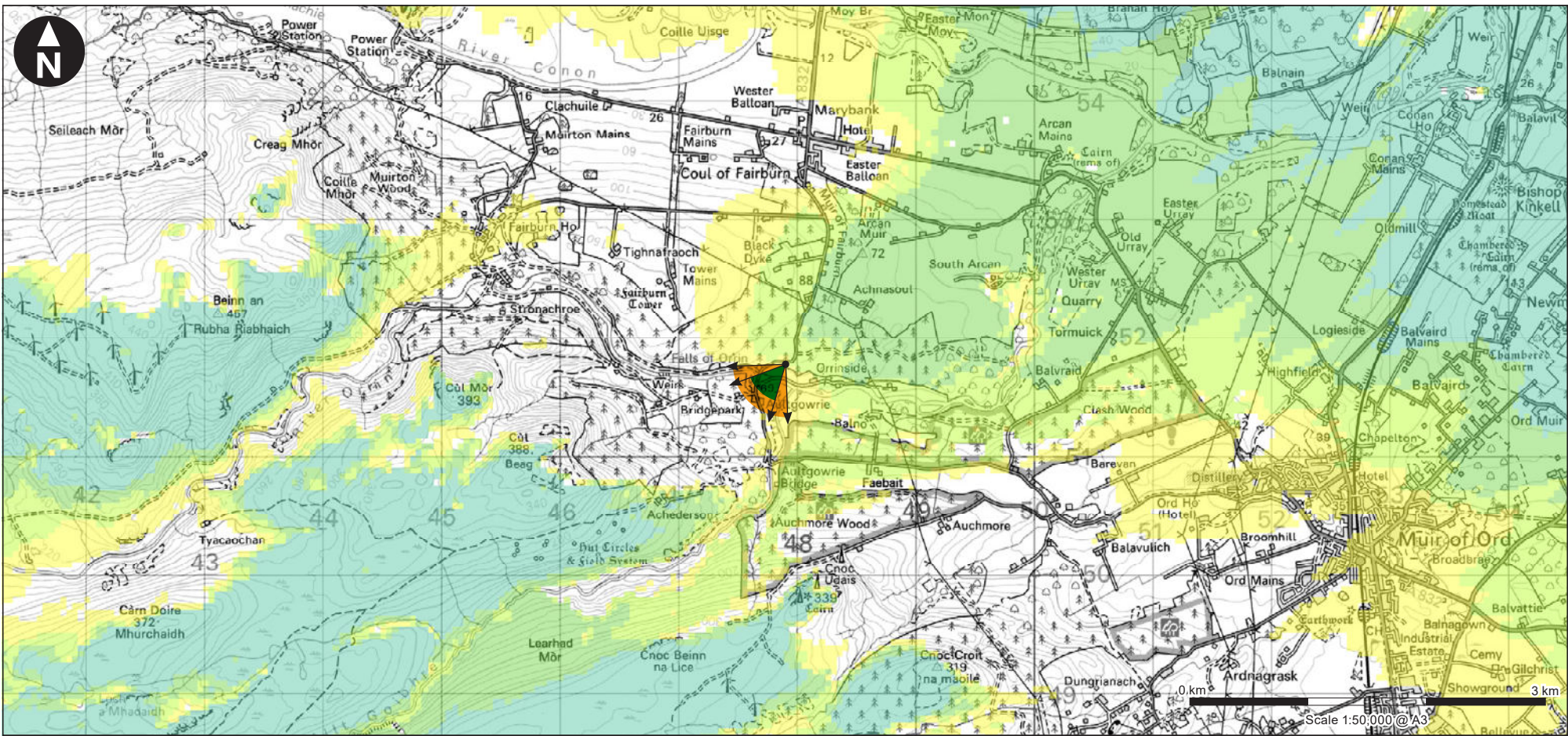
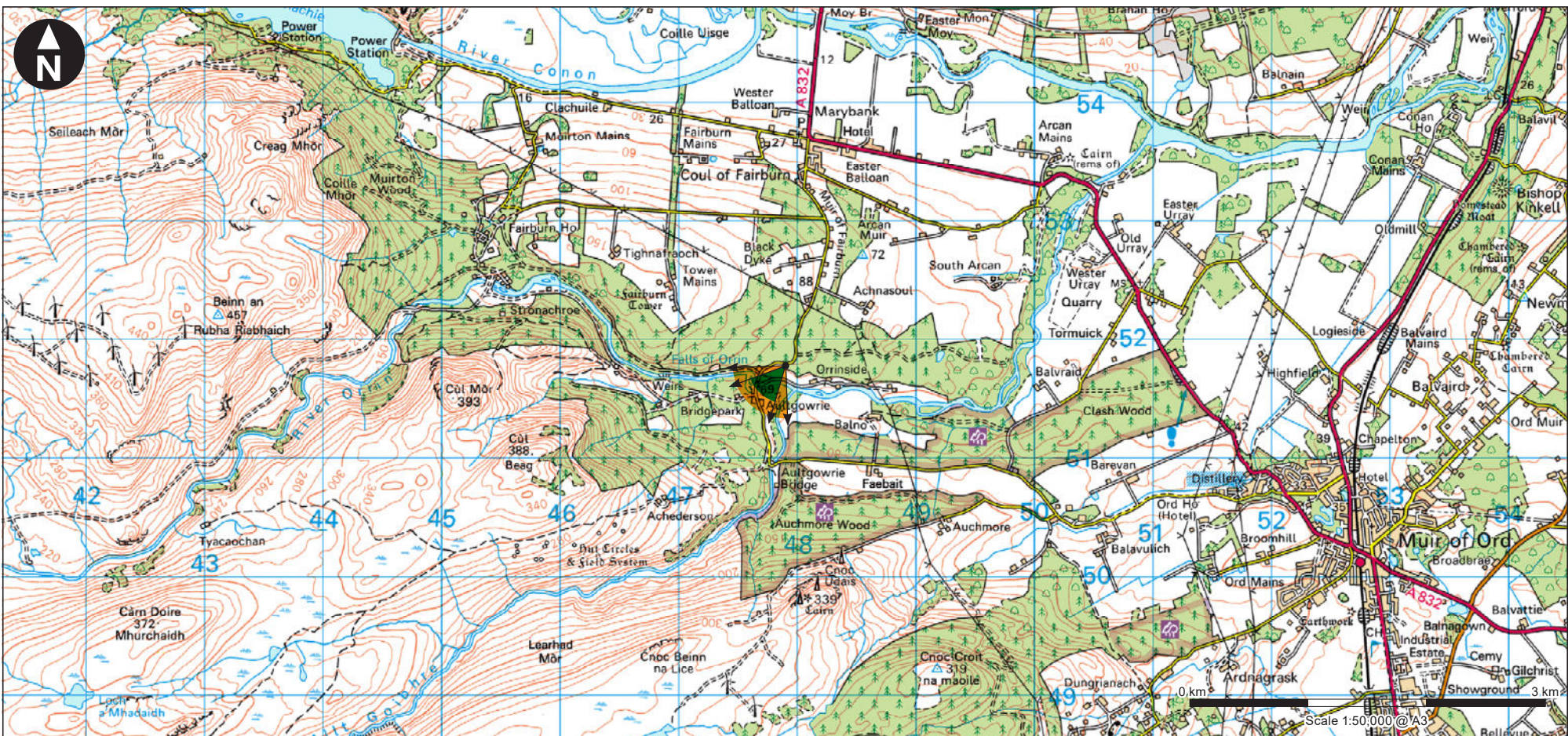
Client
Ballach Wind Farm
EIA Report

Figure 6.19e
Viewpoint 2:
Torgormack - Drumindorsair

View flat at a comfortable arm's length

June 2025





Viewpoint Parameters

OS reference:	E247 904, N851 779
Ground Level Elevation:	74m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	225°
Distance to nearest turbine:	5,233m
Number of blade tips theoretically visible ⁴ :	5
Number of hubs theoretically visible ⁴ :	2
Date and time of viewpoint photography:	27/02/2025 @ 09:40
Camera:	Sony ILCE-7M3
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: LBALLACH005.WFL
• Hub height: 149m / 119m
• Rotor diameter: 162m
• Height to blade tip: 230m / 200m
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



Ballach Wind Farm
EIA Report

Figure 6.20a
Viewpoint 3:
Fairburn Estate

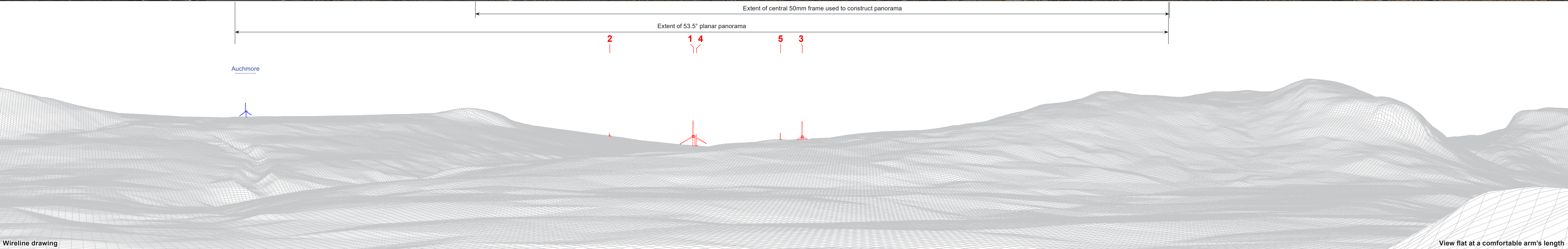
June 2025





Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

Note: Turbine 3 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E247 904, N851 779	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-7M3
Eye level:	75.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	223°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	5,233m	Correct printed image size:	820 x 130mm	Date and time:	27/02/2025 @ 09:40



Client
Ballach Wind Farm
EIA Report

Figure 6.20b
Viewpoint 3:
Fairburn Estate

June 2025



Auchmore



2



1 4



5



3



Wireline drawing

Note: Turbine 3 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E247 904, N851 779	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7M3
Eye level:	75.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	223°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	5,233m	Correct printed image size:	820 x 260mm	Date and time:	27/02/2025 @ 09:40



Ballach Wind Farm
EIA Report

Figure 6.20c
Viewpoint 3:
Fairburn Estate

View flat at a comfortable arm's length

June 2025



Figure 6.20a-e_VP3_Fairburn Estate UK0037662.3719-WPSE-FG-SA-00032_R2 Originator: UKCGW75

Figure 6.20a-e VPS Fairburn Estate UK0037662.3719-VPSFE-FG-SA-00032_R2 Originator: UKCGW775



Photomontage

View flat at a comfortable arm's length

OS reference:	E247 904, N851 779	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7M3
Eye level:	75.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	223°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	5,233m	Correct printed image size:	820 x 260mm	Date and time:	27/02/2025 @ 09:40



Client
Ballach Wind Farm
EIA Report

Figure 6.20d
Viewpoint 3:
Fairburn Estate

June 2025





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:	E247 904, N851 779	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-7M3
Eye level:	75.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	223°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	5,233m	Correct printed image size:	820 x 260mm	Date and time:	27/02/2025 @ 09:40



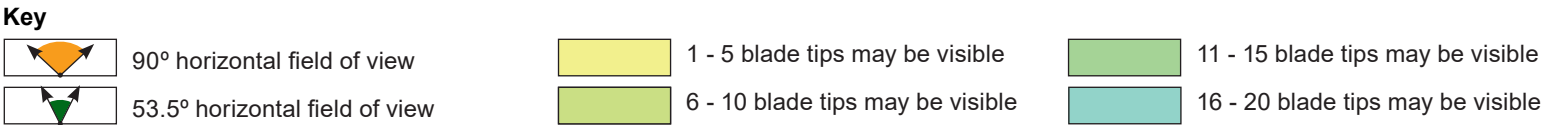
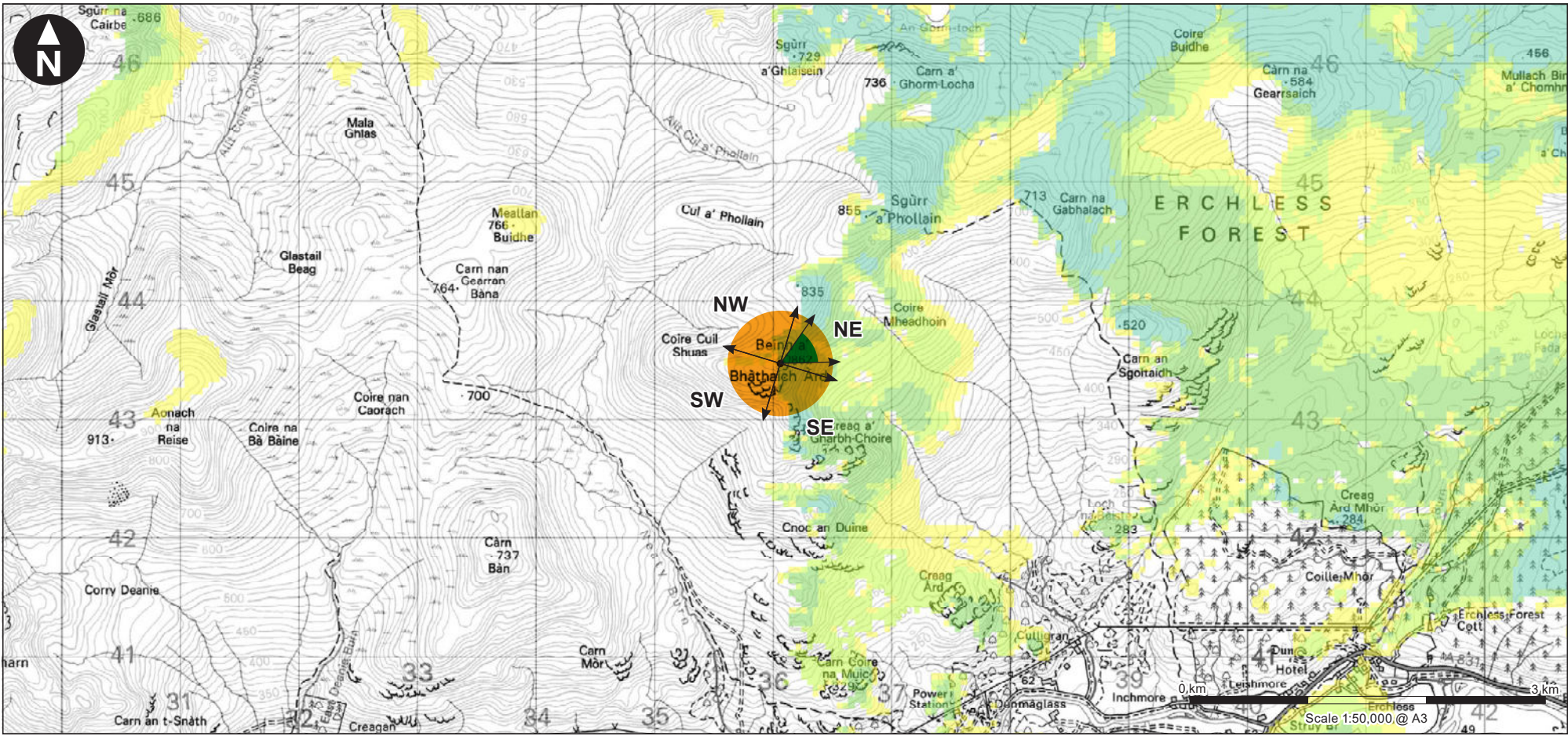
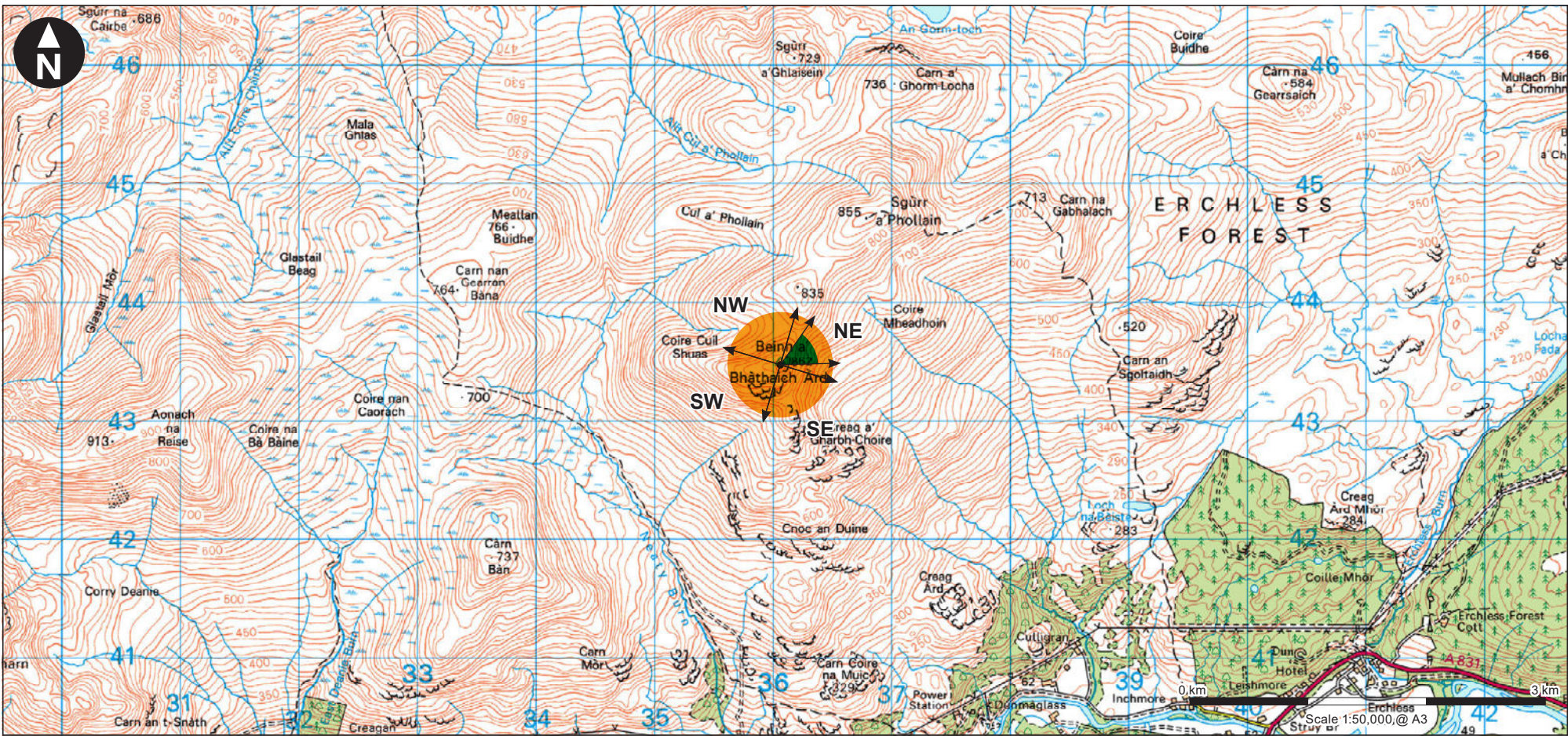
Client
Ballach Wind Farm
EIA Report

Figure 6.20e
Viewpoint 3:
Fairburn Estate

View flat at a comfortable arm's length

June 2025





Viewpoint Parameters

OS reference:	E236 061, N843 473
Ground Level Elevation:	862m AOD
Camera Height:	1.5m AGL
Direction of view to site centre³:	63°
Distance to nearest turbine:	5,967m
Number of blade tips theoretically visible⁴:	20
Number of hubs theoretically visible⁴:	20
Date and time of viewpoint photography:	14/10/2024 @ 17:05
Camera:	Sony ILCE-9
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: LBALLACH005.WFL
• Hub height: 149m / 119m
• Rotor diameter: 162m
• Height to blade tip: 230m / 200m
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).



Ballach Wind Farm
EIA Report

**Figure 6.21a
Viewpoint 4:
Beinn a' Bha'ach Àrd**

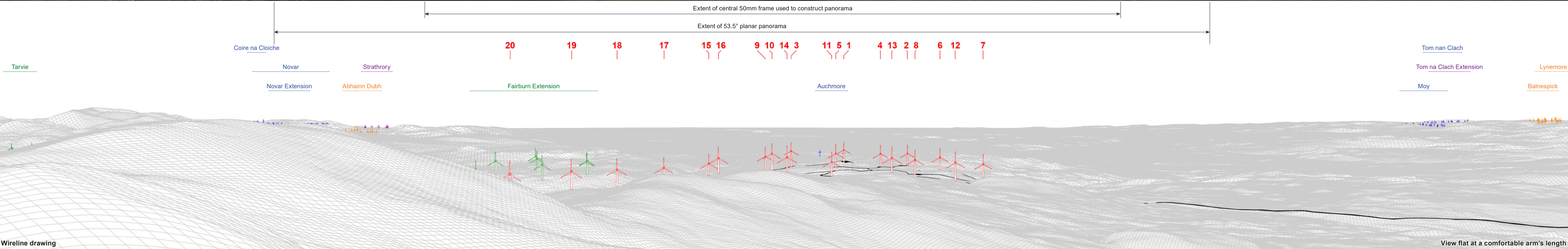
June 2025





Baseline photograph

This image provides landscape and visual context only



Note: Turbines 2, 3, 7, 14, 17 and 20 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E236 061, N843 473	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-9
Eye level:	863.5m AOD	Principal distance:	522mm	Lens:	50mm (Canon 50mm f/1.2)
Direction of view:	62°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	5,967m	Correct printed image size:	820 x 130mm	Date and time:	14/10/2024 @ 17:05

Client

Ballach Wind Farm
EIA Report

Figure 6.21b
Viewpoint 4:
Beinn a' Bha'ach Àrd

June 2025

Figure 6.21a: VP4 Beinn a' Bha'ach Àrd UK0307662.3719-WSPE-FG-SA-0003_R3
Originator: UKC&W775



Baseline photograph

This image provides landscape and visual context only



View flat at a comfortable arm's length

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E236 061, N843 473	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-9
Eye level:	863.5m AOD	Principal distance:	522mm	Lens:	50mm (Canon 50mm f/1.2)
Direction of view:	152°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	5,967m	Correct printed image size:	820 x 130mm	Date and time:	14/10/2024 @ 17:05

Client

Ballach Wind Farm
EIA Report

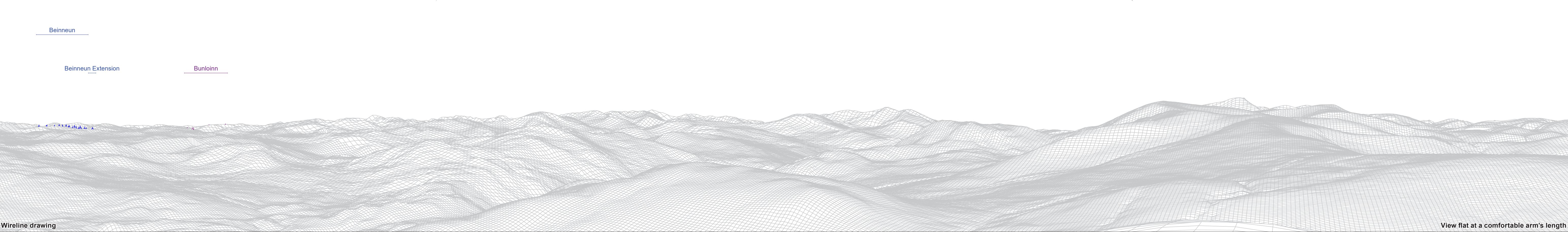
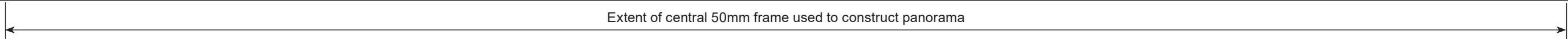
Figure 6.21c
Viewpoint 4:
Beinn a' Bha'ach Àrd

June 2025



Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E236 061, N843 473	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-9
Eye level:	863.5m AOD	Principal distance:	522mm	Lens:	50mm (Canon 50mm f/1.2)
Direction of view:	242°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	5,967m	Correct printed image size:	820 x 130mm	Date and time:	14/10/2024 @ 17:05



Client

Ballach Wind Farm
EIA Report

Figure 6.21d
Viewpoint 4:
Beinn a' Bha'ach Àrd

June 2025



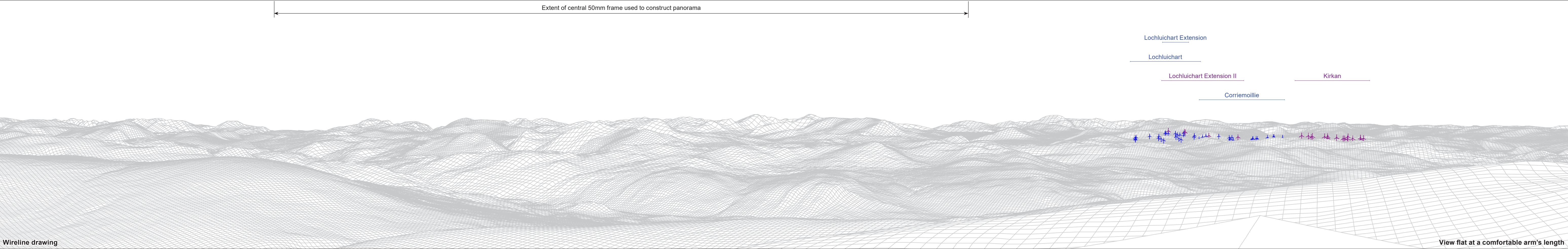
Northwest view



Baseline photograph

This image provides landscape and visual context only

Extent of central 50mm frame used to construct panorama



Wireline drawing

View flat at a comfortable arm's length

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E236 061, N843 473	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-9
Eye level:	863.5m AOD	Principal distance:	522mm	Lens:	50mm (Canon 50mm f/1.2)
Direction of view:	332°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	5,967m	Correct printed image size:	820 x 130mm	Date and time:	14/10/2024 @ 17:05



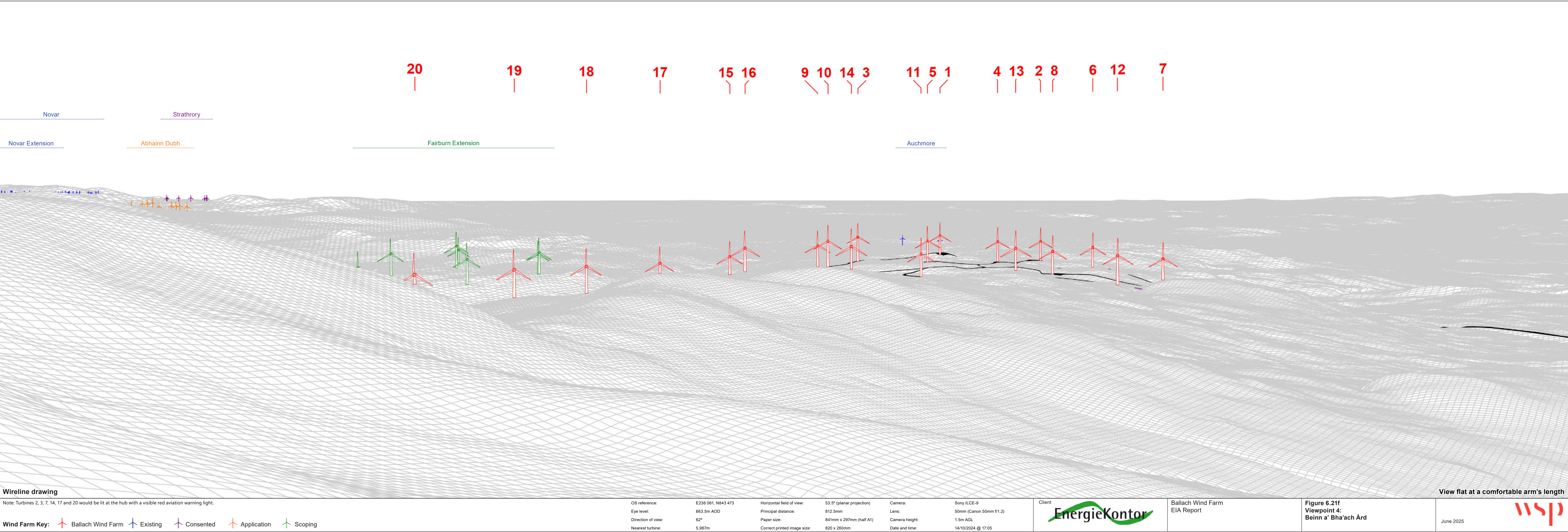
Client
Ballach Wind Farm
EIA Report

Figure 6.21e
Viewpoint 4:
Beinn a' Bha'ach Àrd

June 2025



Figure 6.21a: VP4 Beinn a' Bha'ach Àrd UK037662.3719-WSPE-FC-SA-0003_R3
Originator: UKC&W775



View flat at a comfortable arm's length

Figure 6.21a VP4 Beinn a' Bha'ach Àrd UK03037662.3719-WSPE-FG-SA-0003_R3 Originator: UKCOW775



Photomontage

View flat at a comfortable arm's length

OS reference:	E236 061, N843 473	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-9
Eye level:	863.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Canon 50mm f/1.2)
Direction of view:	62°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	5,967m	Correct printed image size:	820 x 260mm	Date and time:	14/10/2024 @ 17:05



Client
Ballach Wind Farm
EIA Report

Figure 6.21g
Viewpoint 4:
Beinn a' Bha'ach Àrd

June 2025



Figure 6.21h VP4 Beinn a' Bha'ach Àrd UK0303662.3719-WSPE-FC-SA-0003_R3 Originator: UKC&W775



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:	E236 061, N843 473	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-9
Eye level:	863.5m AOD	Principal distance:	522mm	Lens:	50mm (Canon 50mm f/1.2)
Direction of view:	62°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	5,967m	Correct printed image size:	820 x 260mm	Date and time:	14/10/2024 @ 17:05



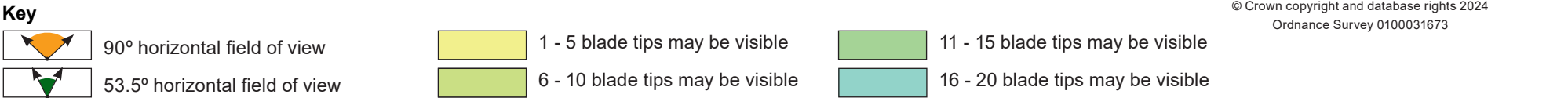
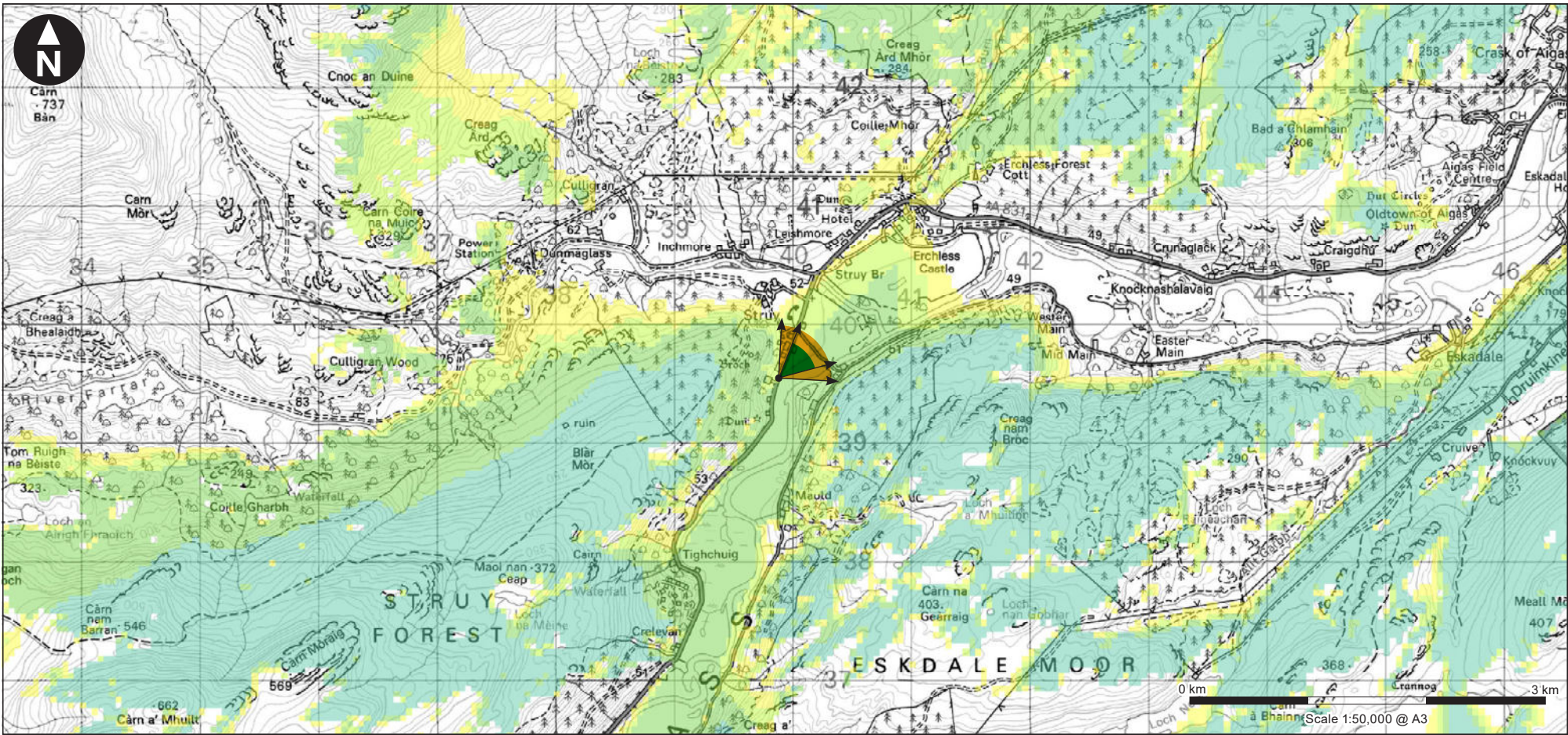
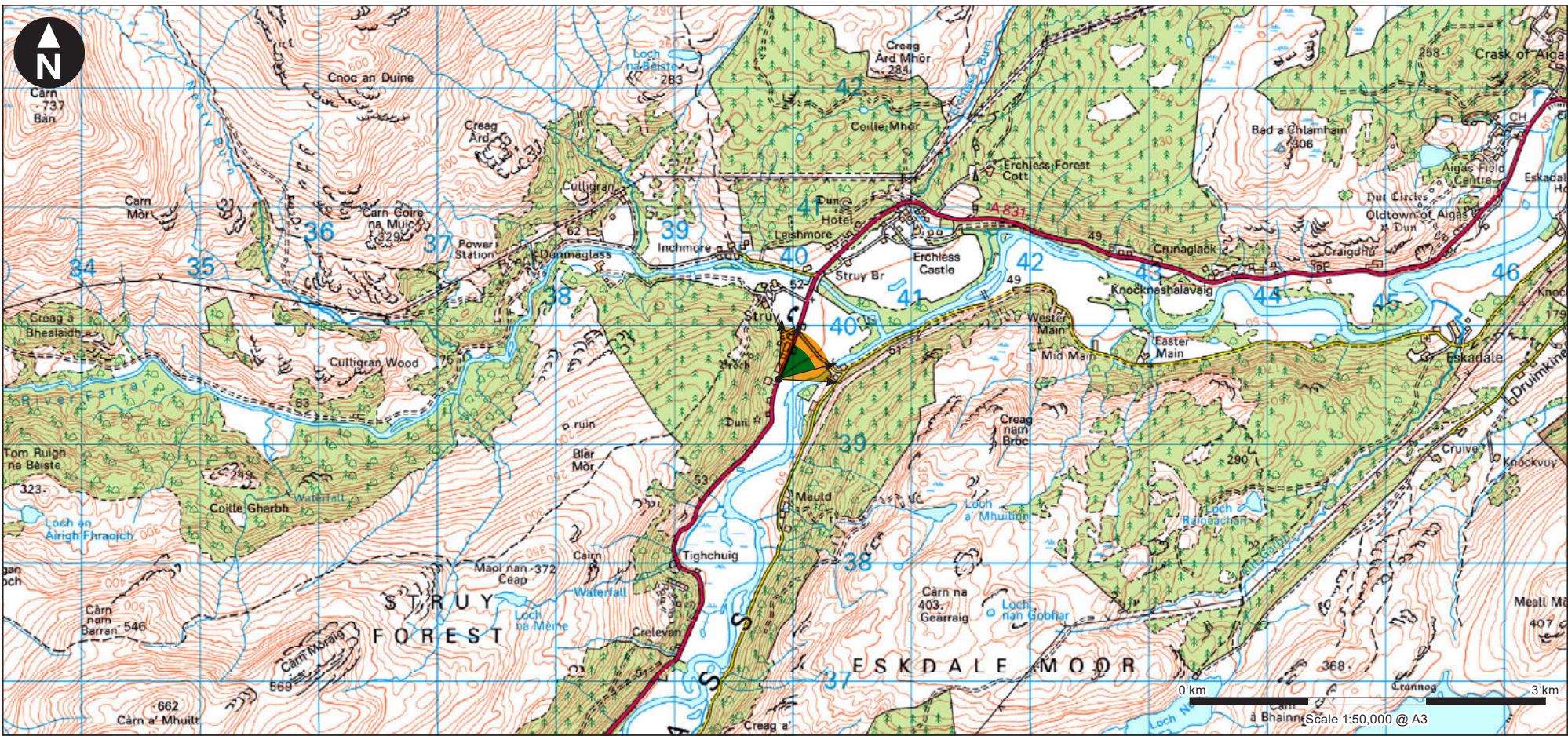
Client
Ballach Wind Farm
EIA Report

Figure 6.21h
Viewpoint 4:
Beinn a' Bha'ach Àrd

View flat at a comfortable arm's length

June 2025





Viewpoint Parameters

OS reference:	E239 878, N839 549
Ground Level Elevation:	63m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	24°
Distance to nearest turbine:	7,028m
Number of blade tips theoretically visible ⁴ :	10
Number of hubs theoretically visible ⁴ :	8
Date and time of viewpoint photography:	19/09/2024 @ 13:25
Camera:	Sony ILCE-7RM3A
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: LBALLACH005.WFL
• Hub height: 149m / 119m
• Rotor diameter: 162m
• Height to blade tip: 230m / 200m
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).



Ballach Wind Farm
EIA Report

**Figure 6.22a
Viewpoint 5:
A831, Struy**

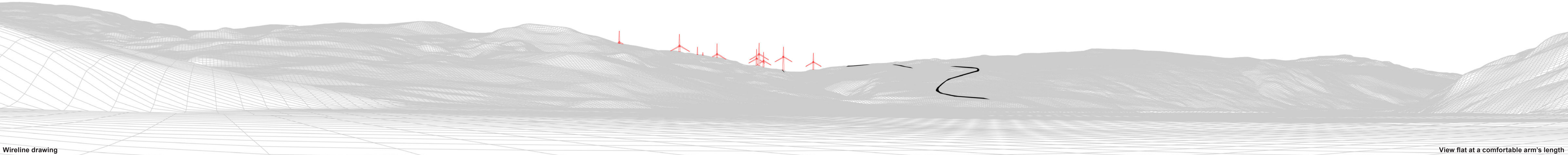
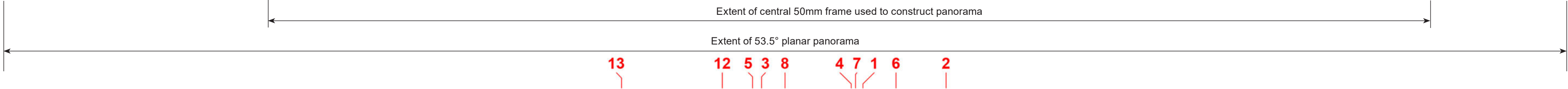
June 2025





Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

Note: Turbines 2 and 7 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: [Red cross symbol] Ballach Wind Farm [Blue cross symbol] Existing [Purple cross symbol] Consented [Orange cross symbol] Application [Green cross symbol] Scoping

OS reference:	E239 878, N839 549	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-7RM3A
Eye level:	64.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	48°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	7,028m	Correct printed image size:	820 x 130mm	Date and time:	19/09/2024 @ 13:25



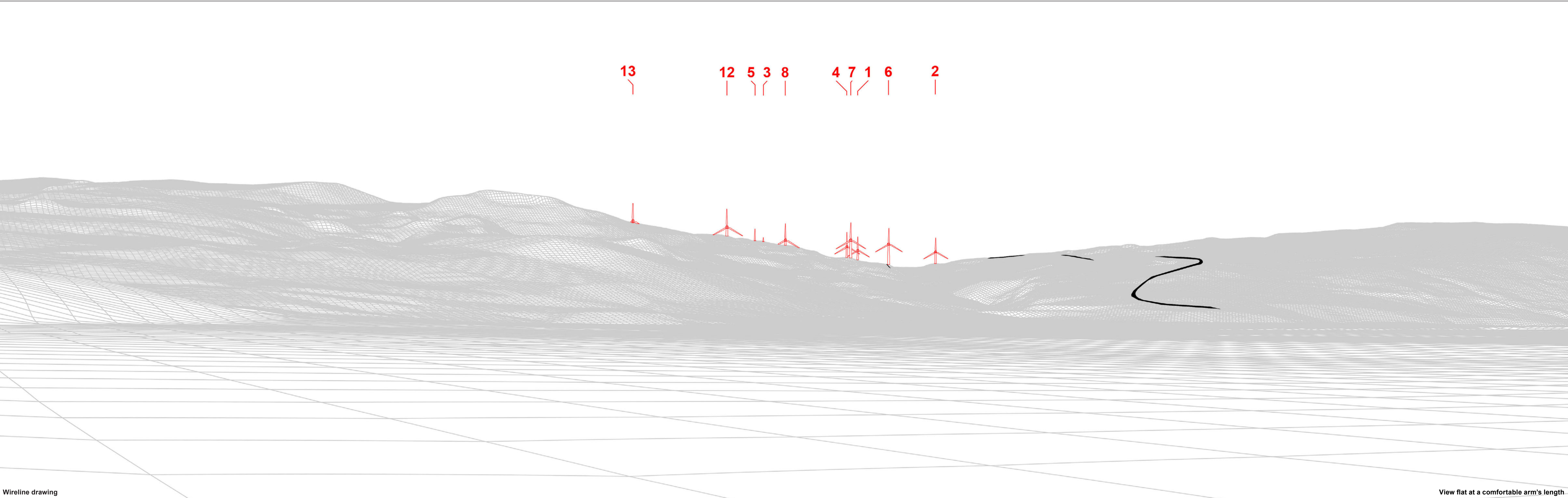
Client
Ballach Wind Farm
EIA Report

Figure 6.22b
Viewpoint 5:
A831, Struy

June 2025



Figure 6.22a-e VPS Struy UK0037662 3719-WSE-EG-SA-00034_R2 Originator: UKG3W75



Wireline drawing

Note: Turbines 2 and 7 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E239 878, N839 549	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A
Eye level:	64.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	48°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	7,028m	Correct printed image size:	820 x 260mm	Date and time:	19/09/2024 @ 13:25



Client
Ballach Wind Farm
EIA Report

Figure 6.22c
Viewpoint 5:
A831, Struy

View flat at a comfortable arm's length

June 2025





Photomontage

View flat at a comfortable arm's length

OS reference:	E239 878, N839 549	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A
Eye level:	64.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	48°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	7,028m	Correct printed image size:	820 x 260mm	Date and time:	19/09/2024 @ 13:25



Client
Ballach Wind Farm
EIA Report

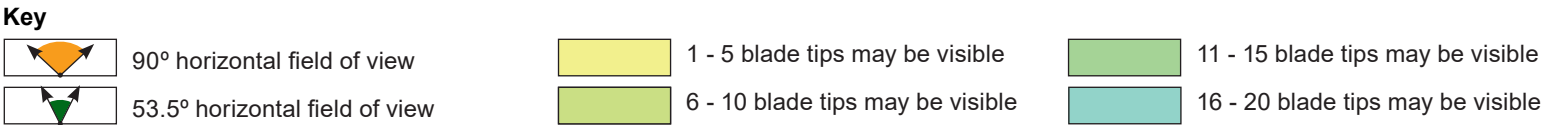
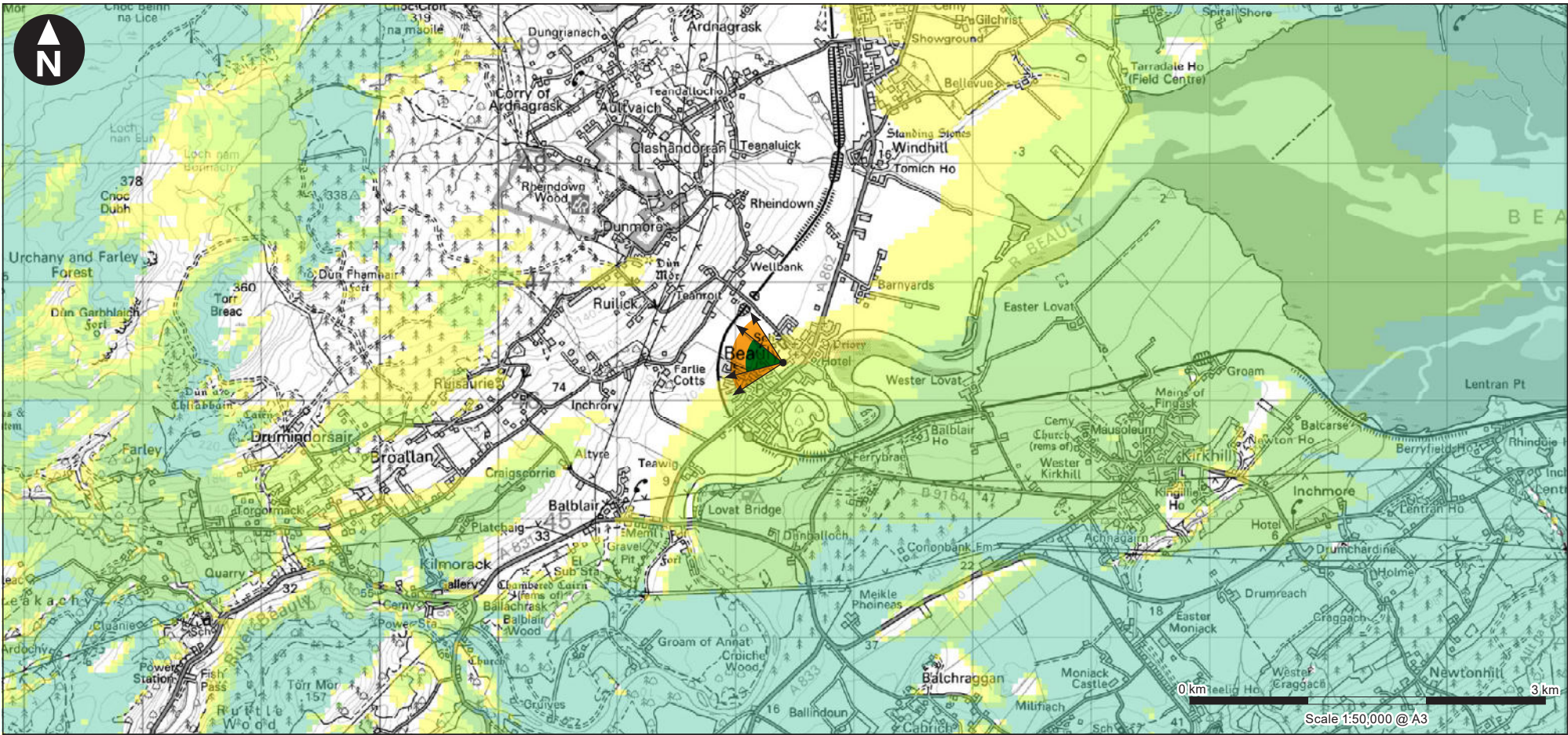
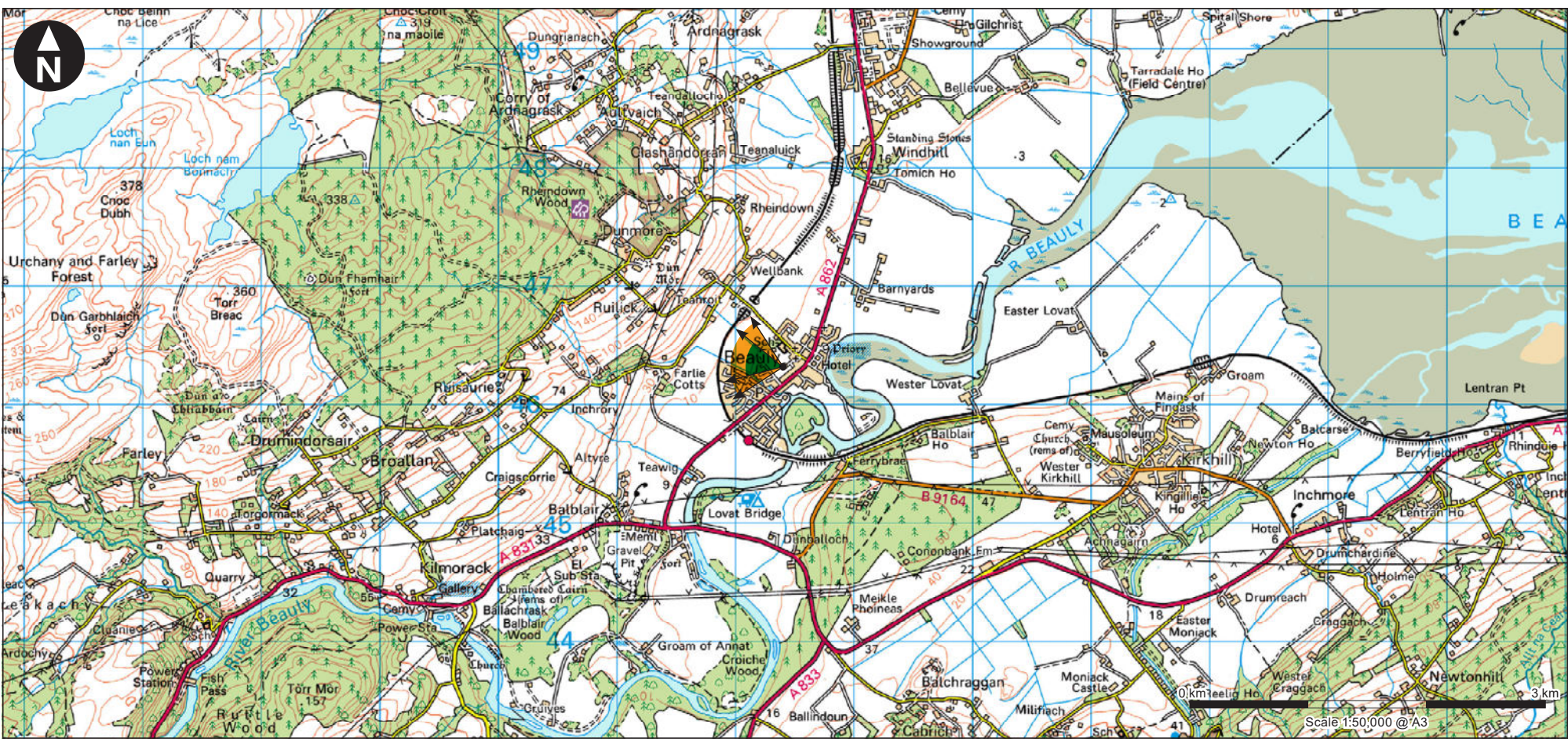
Figure 6.22d
Viewpoint 5:
A831, Struy

June 2025





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:	E239 878, N839 549	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-7RM3A	Client 	Ballach Wind Farm EIA Report	Figure 6.22e Viewpoint 5: A831, Struy	June 2025 
				Eye level:	64.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)				
				Direction of view:	48°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL				
				Nearest turbine:	7,028m	Correct printed image size:	820 x 260mm	Date and time:	19/09/2024 @ 13:25				



Viewpoint Parameters

OS reference:	E252 401, N846 317
Ground Level Elevation:	7m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	275°
Distance to nearest turbine:	7,411m
Number of blade tips theoretically visible ⁴ :	5
Number of hubs theoretically visible ⁴ :	0
Date and time of viewpoint photography:	27/02/2025 @ 09:05
Camera:	Sony ILCE-7M3
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: LBALLACH005.WFL
• Hub height: 149m / 119m
• Rotor diameter: 162m
• Height to blade tip: 230m / 200m
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



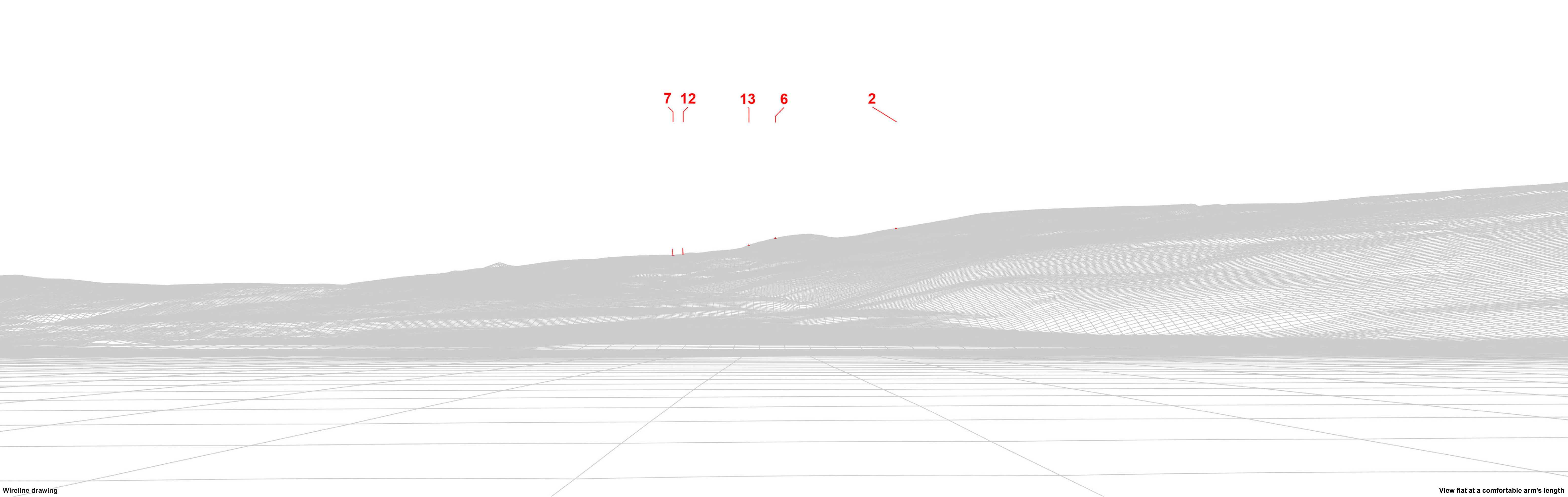
Ballach Wind Farm
EIA Report

**Figure 6.23a
Viewpoint 6:
Beauty**

June 2025



Figure 6.23a-d VPB Beauly UK0037862.3719-WSPE-FG-SA-00035_R2 Originator: UKCGW775



Wireline drawing

Note: No aviation warning lights would be visible.

Wind Farm Key:

✚

 Ballach Wind Farm

✚

 Existing

✚

 Consented

✚

 Application

✚

 Scoping

OS reference:

E252 401, N846 317

Eye level:

8.5m AOD

Direction of view:

282°

Nearest turbine:

7,411m

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 ILCE-7M3

Lens:

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

Camera height:

1.5m AGL

Date and time:

27/02/2025 @ 09:05

Client



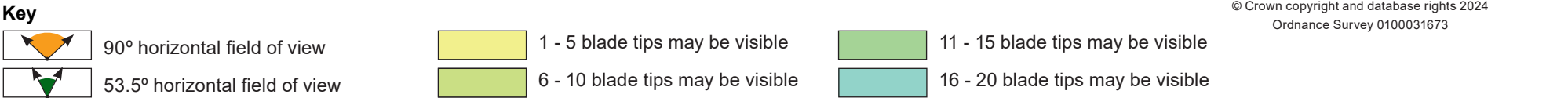
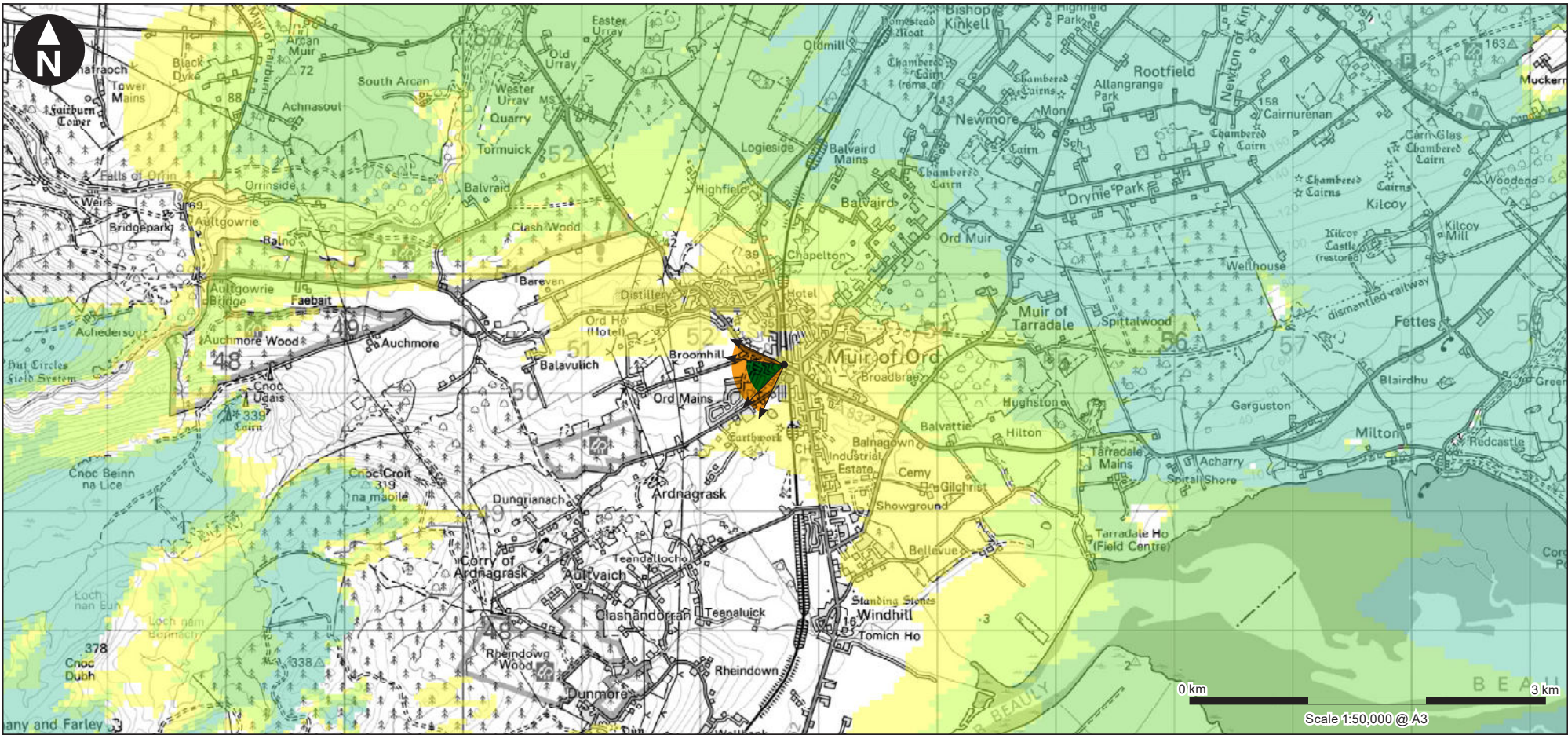
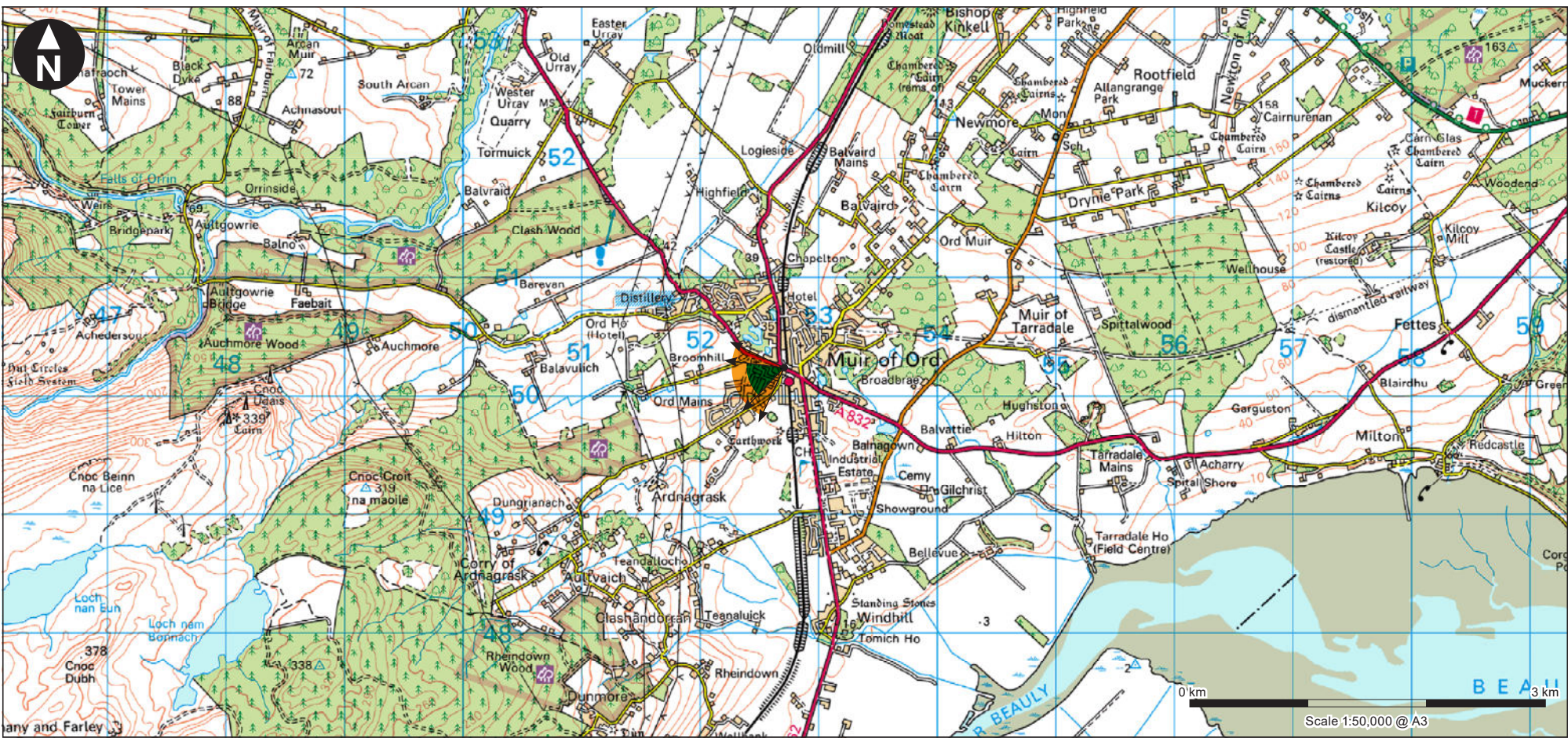
Ballach Wind Farm
EIA Report

Figure 6.23c
Viewpoint 6:
Beauly

June 2025



View flat at a comfortable arm's length



Viewpoint Parameters

OS reference:	E252 713, N850 238
Ground Level Elevation:	50m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	252°
Distance to nearest turbine:	8,307m
Number of blade tips theoretically visible ⁴ :	1
Number of hubs theoretically visible ⁴ :	0
Date and time of viewpoint photography:	19/09/2024 @ 11:50
Camera:	Sony ILCE-7RM3A
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: LBALLACH005.WFL
 - Hub height: 149m / 119m
 - Rotor diameter: 162m
 - Height to blade tip: 230m / 200m
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).



Ballach Wind Farm
EIA Report

Figure 6.24a
Viewpoint 7:
A832, Muir of Ord

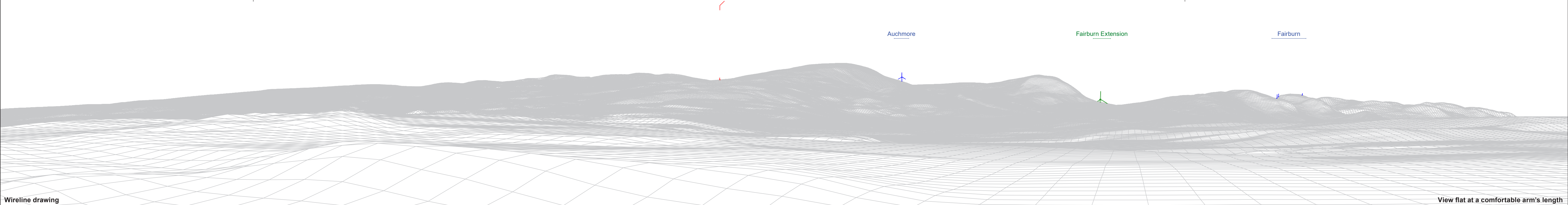
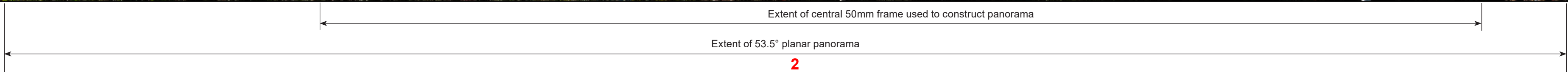
June 2025





Baseline photograph

This image provides landscape and visual context only

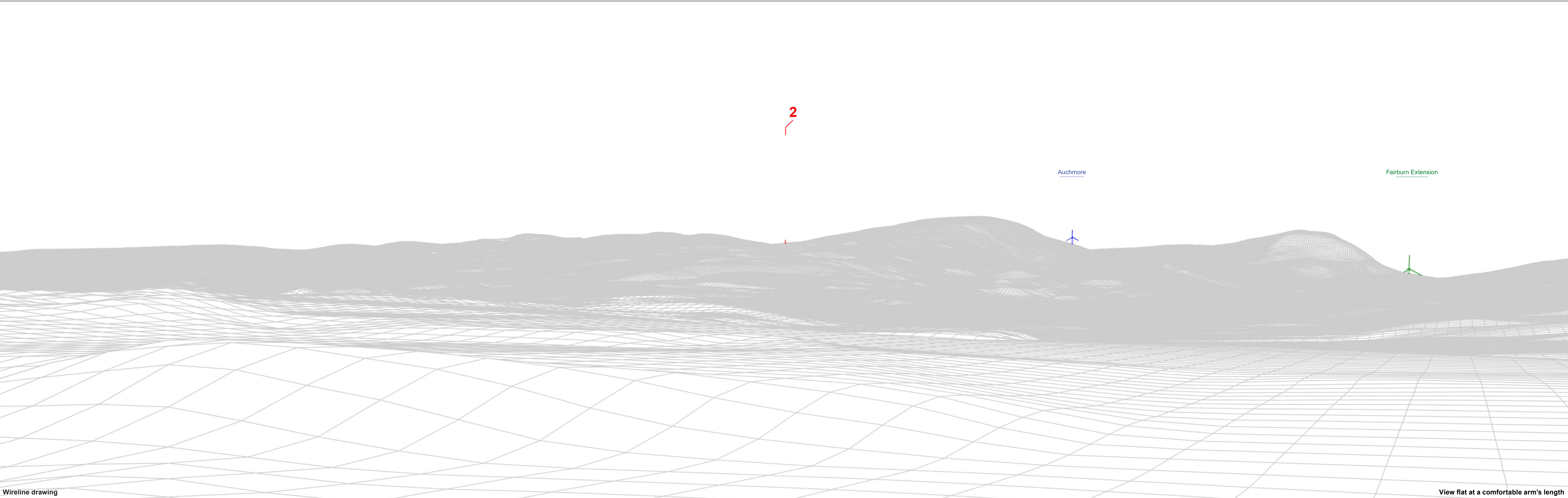


Wireline drawing

View flat at a comfortable arm's length

Note: No aviation warning lights would be visible.		OS reference: E252 713, N850 238		Horizontal field of view: 90° (cylindrical projection)		Camera: Sony ILCE-7RM3A		Client: EnergieKontor		Ballach Wind Farm EIA Report		Figure 6.24b Viewpoint 7: A832, Muir of Ord		June 2025	
Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping		Eye level: 51.5m AOD		Principal distance: 522mm		Lens: 50mm (Sony FE 50mm f/1.2 GM)									
		Direction of view: 250°		Paper size: 841mm x 297mm (half A1)		Camera height: 1.5m AGL									
		Nearest turbine: 8,307m		Correct printed image size: 820 x 130mm		Date and time: 19/09/2024 @ 11:50									

Figure 6.24a-d VPT Muir of Ord UK037662.3719-WSE-EG-SA-00036_R2
Originator: UKCW775



Wireline drawing

Note: No aviation warning lights would be visible.

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E252 713, N850 238	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A
Eye level:	51.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	250°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	8.307m	Correct printed image size:	820 x 260mm	Date and time:	19/09/2024 @ 11:50



Client
Ballach Wind Farm
EIA Report

Figure 6.24c
Viewpoint 7:
A832, Muir of Ord

June 2025



Figure 6.24a-d | WP7 Muir of Ord UK037662.3719-WSFE-FG-SA-00036_R2 Originator: UKCW775



Photomontage

View flat at a comfortable arm's length

OS reference:	E252 713, N850 238	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A
Eye level:	51.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	250°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	8.307m	Correct printed image size:	820 x 260mm	Date and time:	19/09/2024 @ 11:50

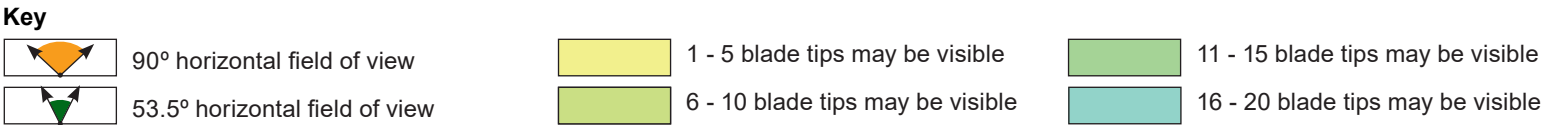
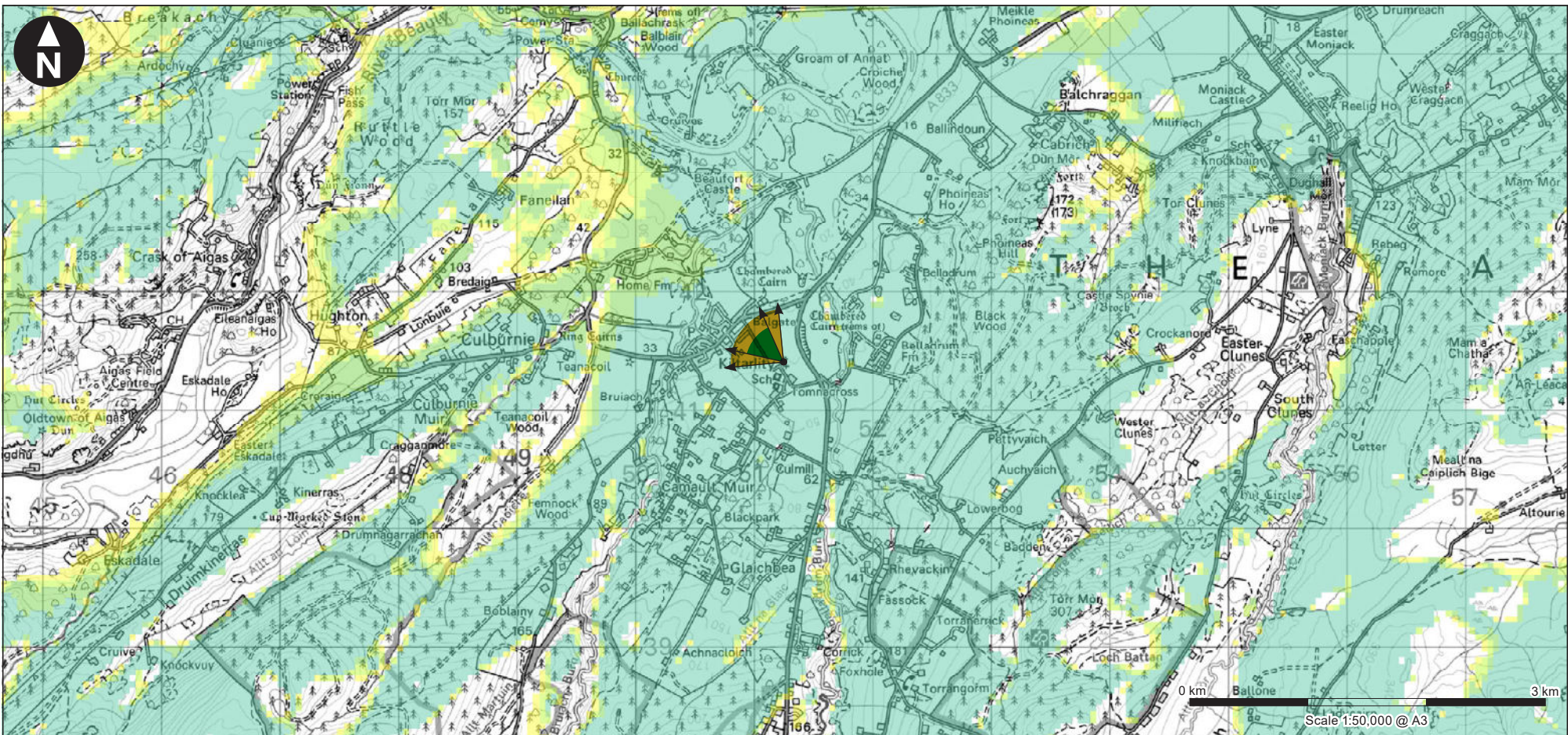
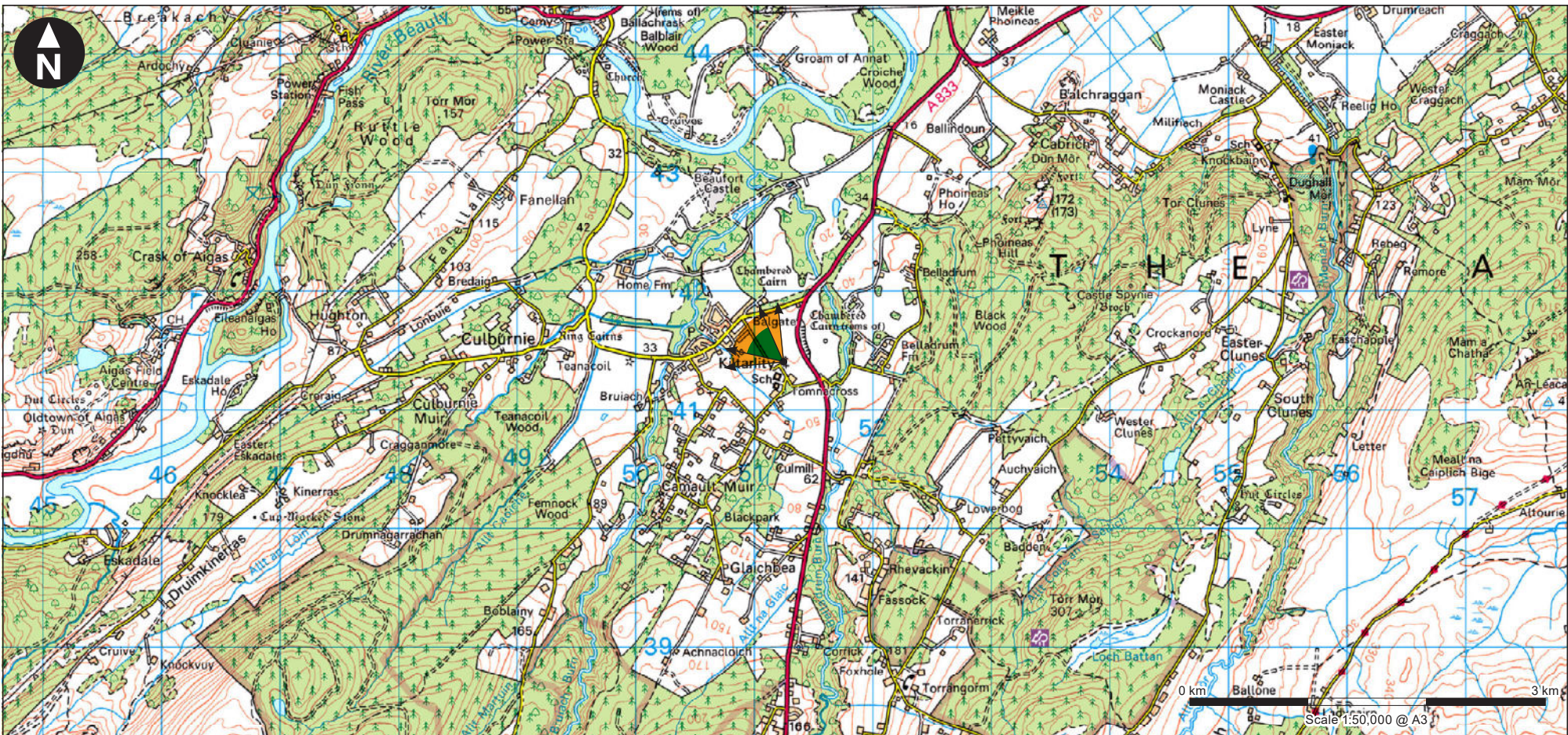


Client
Ballach Wind Farm
EIA Report

Figure 6.24d
Viewpoint 7:
A832, Muir of Ord

June 2025





Viewpoint Parameters

OS reference:	E251 253, N841 407
Ground Level Elevation:	40m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	305°
Distance to nearest turbine:	8,325m
Number of blade tips theoretically visible ⁴ :	20
Number of hubs theoretically visible ⁴ :	16
Date and time of viewpoint photography:	20/09/2024 @ 13:55
Camera:	Sony ILCE-7RM3A
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: LBALLACH005.WFL
 - Hub height: 149m / 119m
 - Rotor diameter: 162m
 - Height to blade tip: 230m / 200m
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



Ballach Wind Farm
EIA Report

**Figure 6.25a
Viewpoint 8:
Kiltarlity**

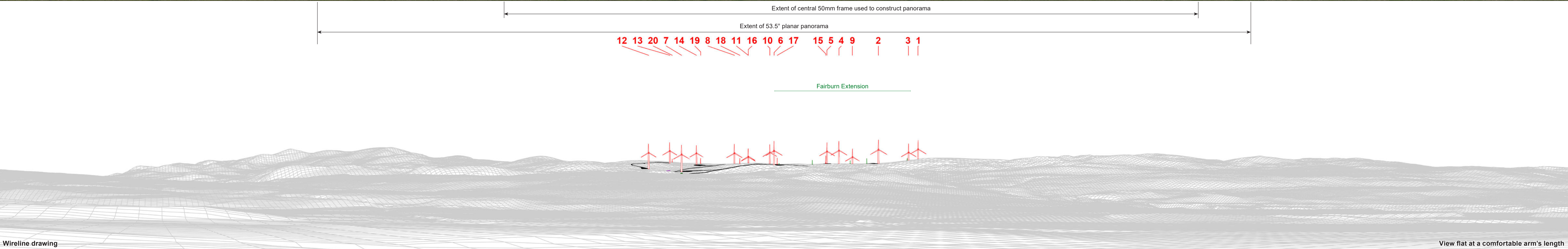
June 2025





Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

Note: Turbines 2, 3, 7 and 14 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E251 253, N841 407	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-7RM3A
Eye level:	41.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	309°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	8,325m	Correct printed image size:	820 x 130mm	Date and time:	20/09/2024 @ 13:55



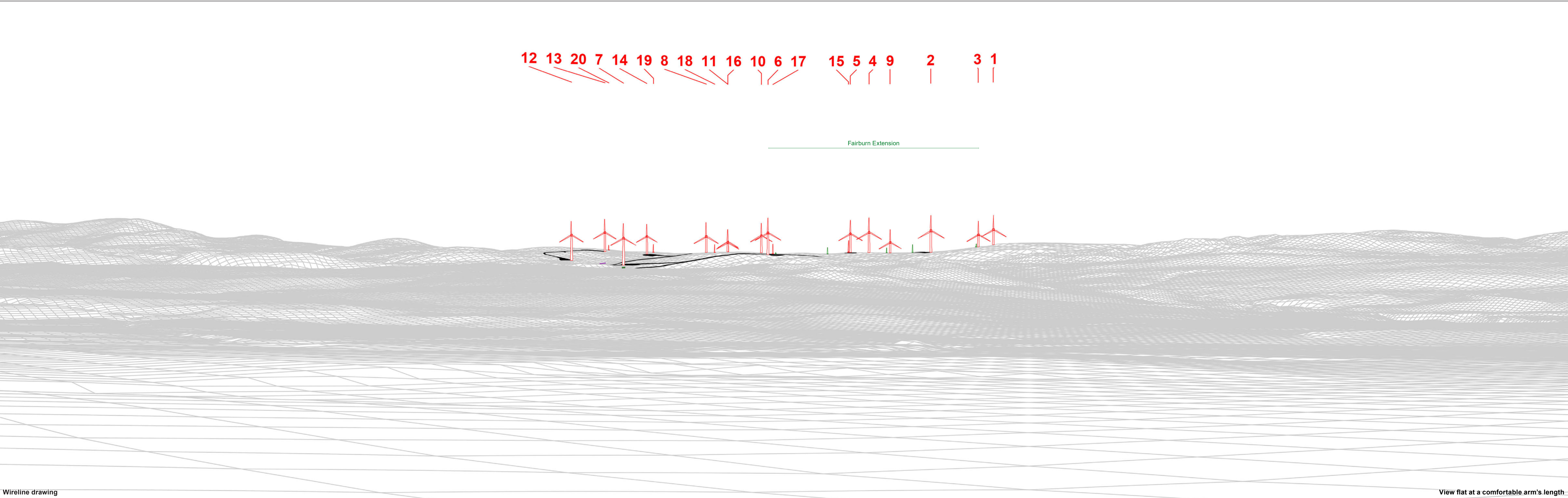
Client
Ballach Wind Farm
EIA Report

Figure 6.25b
Viewpoint 8:
Kiltarlity

June 2025



Figure 6.25a-e VPB Kiltarlity UK037682.3719-WSPE-FG-SA-00037_R3
Originator: UKCSW775



Wireline drawing

Note: Turbines 2, 3, 7 and 14 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E251 253, N841 407	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A
Eye level:	41.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	309°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	8.325m	Correct printed image size:	820 x 260mm	Date and time:	20/09/2024 @ 13:55



Client
Ballach Wind Farm
EIA Report

Figure 6.25c
Viewpoint 8:
Kiltarlity

View flat at a comfortable arm's length

June 2025



Figure 6.25a - VP8 Kiltarlity UK037682.3719-W8PE-FG-SA-00037_R3
Originator: UKCW775



Photomontage

View flat at a comfortable arm's length

OS reference:	E251 253, N841 407	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A
Eye level:	41.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	309°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	8,325m	Correct printed image size:	820 x 260mm	Date and time:	20/09/2024 @ 13:55



Client
Ballach Wind Farm
EIA Report

Figure 6.25d
Viewpoint 8:
Kiltarlity

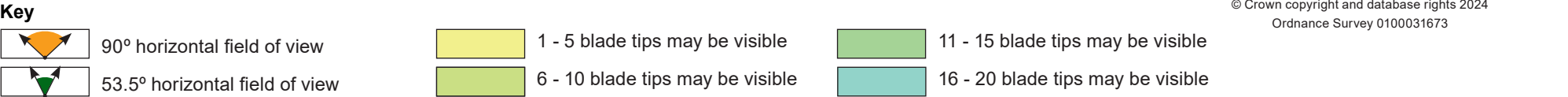
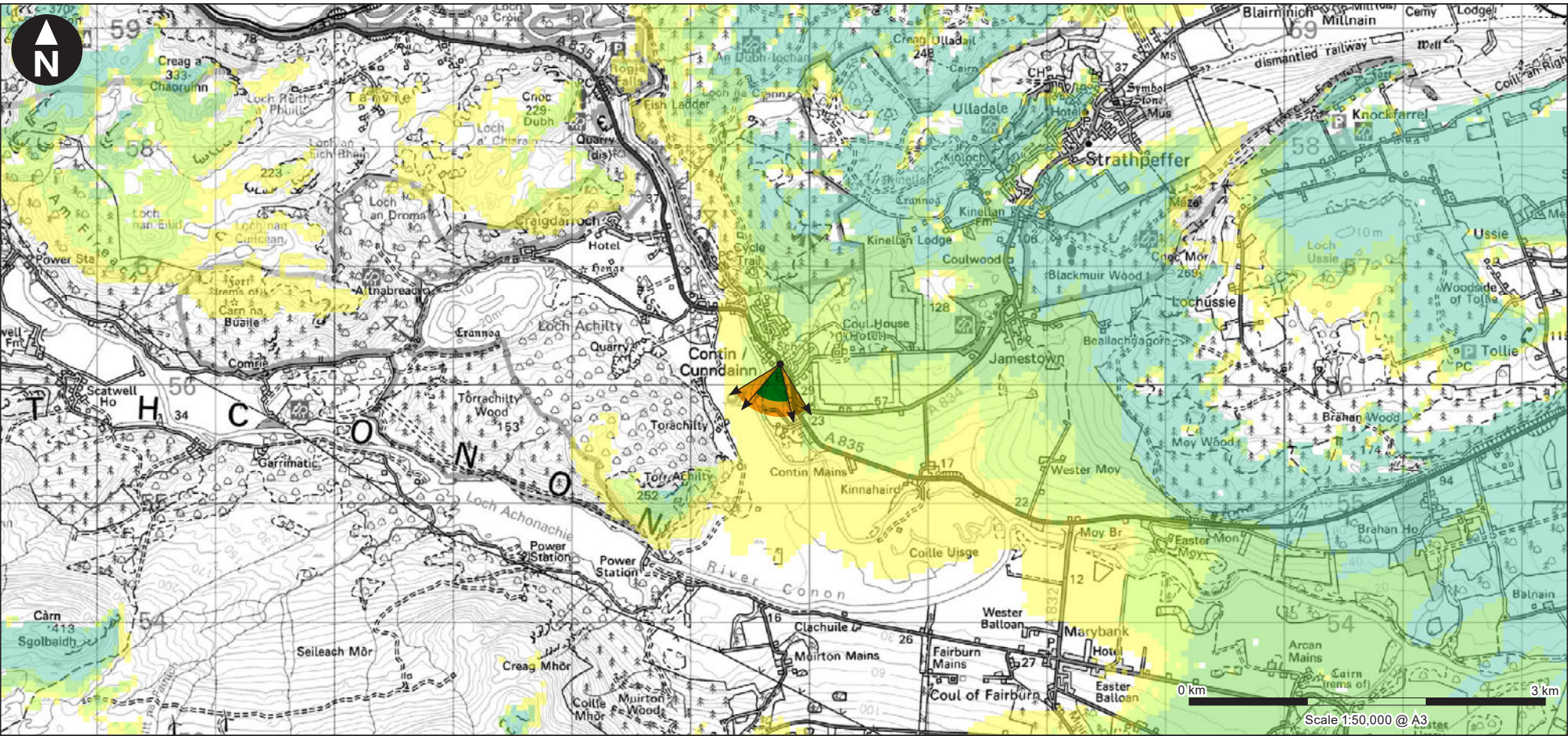
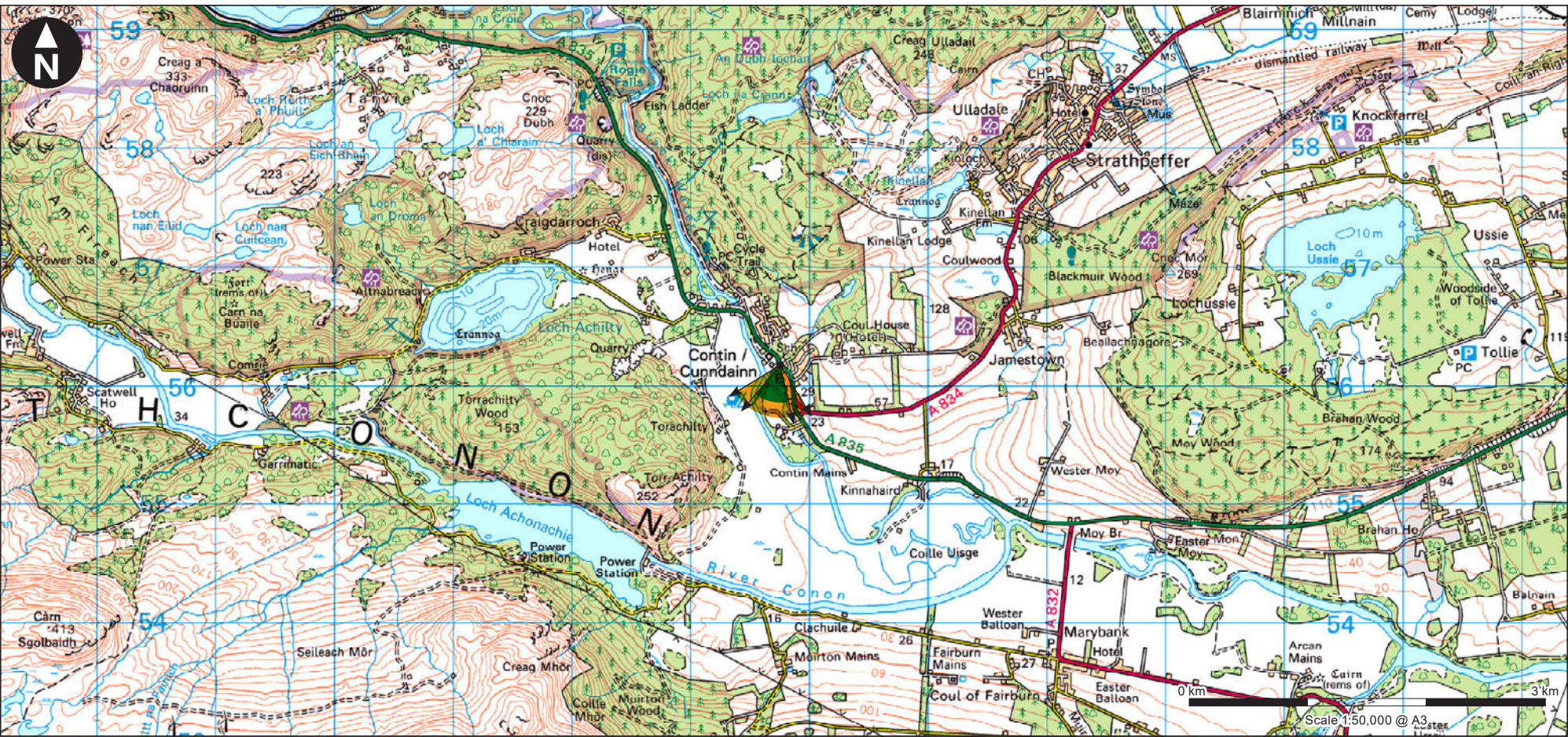
June 2025



Figure 6.25a - WPB Kiltarlilly UK037682.3719-WSPF-FG-SA-00037_R3
Originator: UKCW775



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.						Client 	Ballach Wind Farm EIA Report	Figure 6.25e Viewpoint 8: Kiltarlilly	June 2025 
OS reference:	E251 253, N841 407	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-7RM3A				
Eye level:	41.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)				
Direction of view:	309°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL				
Nearest turbine:	8,325m	Correct printed image size:	820 x 260mm	Date and time:	20/09/2024 @ 13:55				



Viewpoint Parameters

OS reference:	E245 754, N856 176
Ground Level Elevation:	26m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	196°
Distance to nearest turbine:	8,439m
Number of blade tips theoretically visible ⁴ :	8
Number of hubs theoretically visible ⁴ :	2
Date and time of viewpoint photography:	07/11/2024 @ 10:00
Camera:	Sony ILCE-7RM3A
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: LBALLACH005.WFL
• Hub height: 149m / 119m
• Rotor diameter: 162m
• Height to blade tip: 230m / 200m
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).



Ballach Wind Farm
EIA Report

**Figure 6.26a
Viewpoint 9:
A835, Contin**

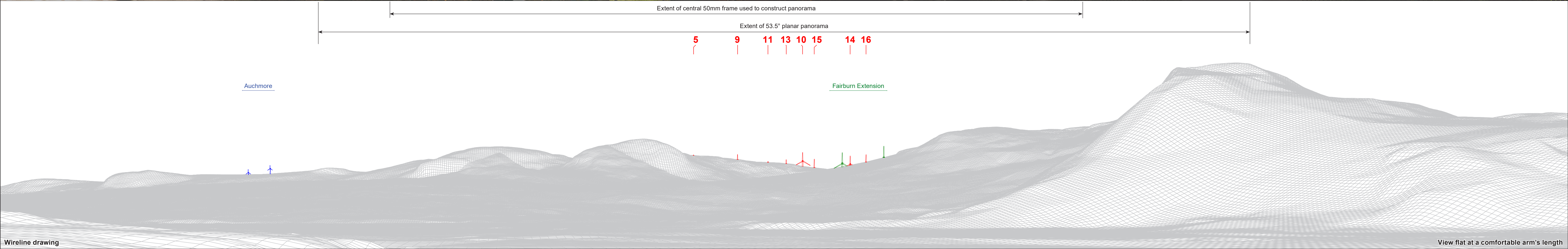
June 2025





Baseline photograph

This image provides landscape and visual context only

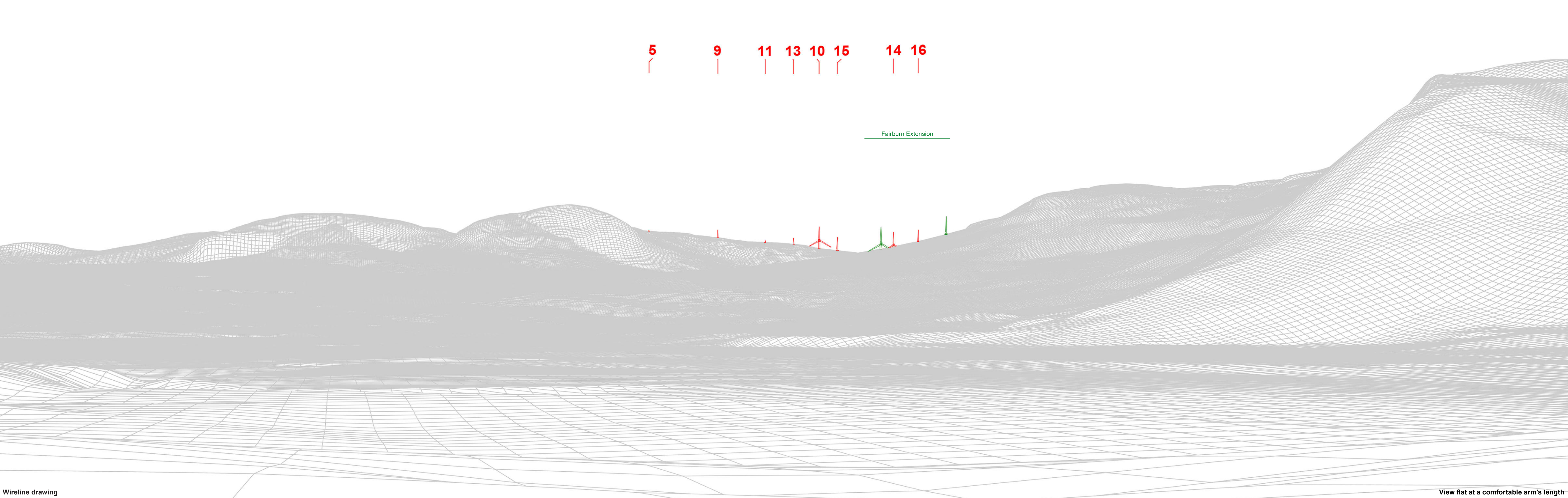


Wireline drawing

View flat at a comfortable arm's length

Note: Turbine 14 would be lit at the hub with a visible red aviation warning light.		OS reference:	E245 754, N856 176	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-7RM3A	Client 	Ballach Wind Farm EIA Report	Figure 6.26b Viewpoint 9: A835, Contin	June 2025
Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping		Eye level:	27.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)				
		Direction of view:	194°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL				
		Nearest turbine:	8,439m	Correct printed image size:	820 x 130mm	Date and time:	07/11/2024 @ 10:00				

Figure 6.26a-e VPP Contin UK037862_3719-WSPE-FG-SA-00038_R2 Originator: UKCGW775



Wireline drawing

Note: Turbine 14 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E245 754, N856 176	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A
Eye level:	27.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	194°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	8,439m	Correct printed image size:	820 x 260mm	Date and time:	07/11/2024 @ 10:00



Client
Ballach Wind Farm
EIA Report

Figure 6.26c
Viewpoint 9:
A835, Contin

View flat at a comfortable arm's length

June 2025





Photomontage

View flat at a comfortable arm's length

OS reference:	E245 754, N856 176	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A
Eye level:	27.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	194°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	8,439m	Correct printed image size:	820 x 260mm	Date and time:	07/11/2024 @ 10:00

Client



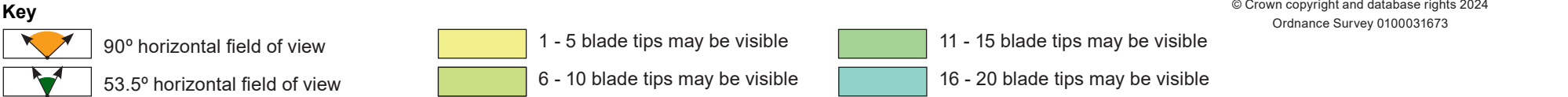
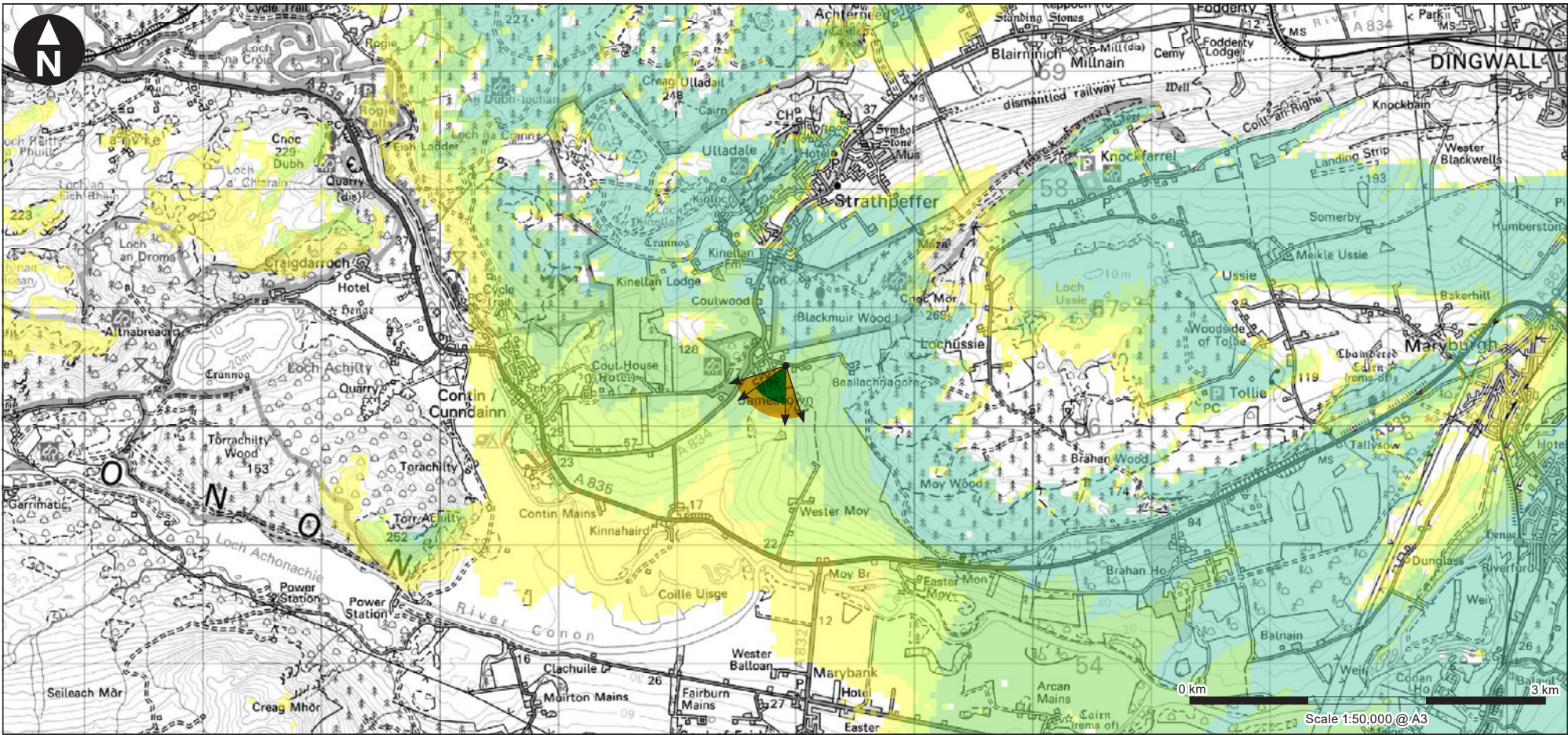
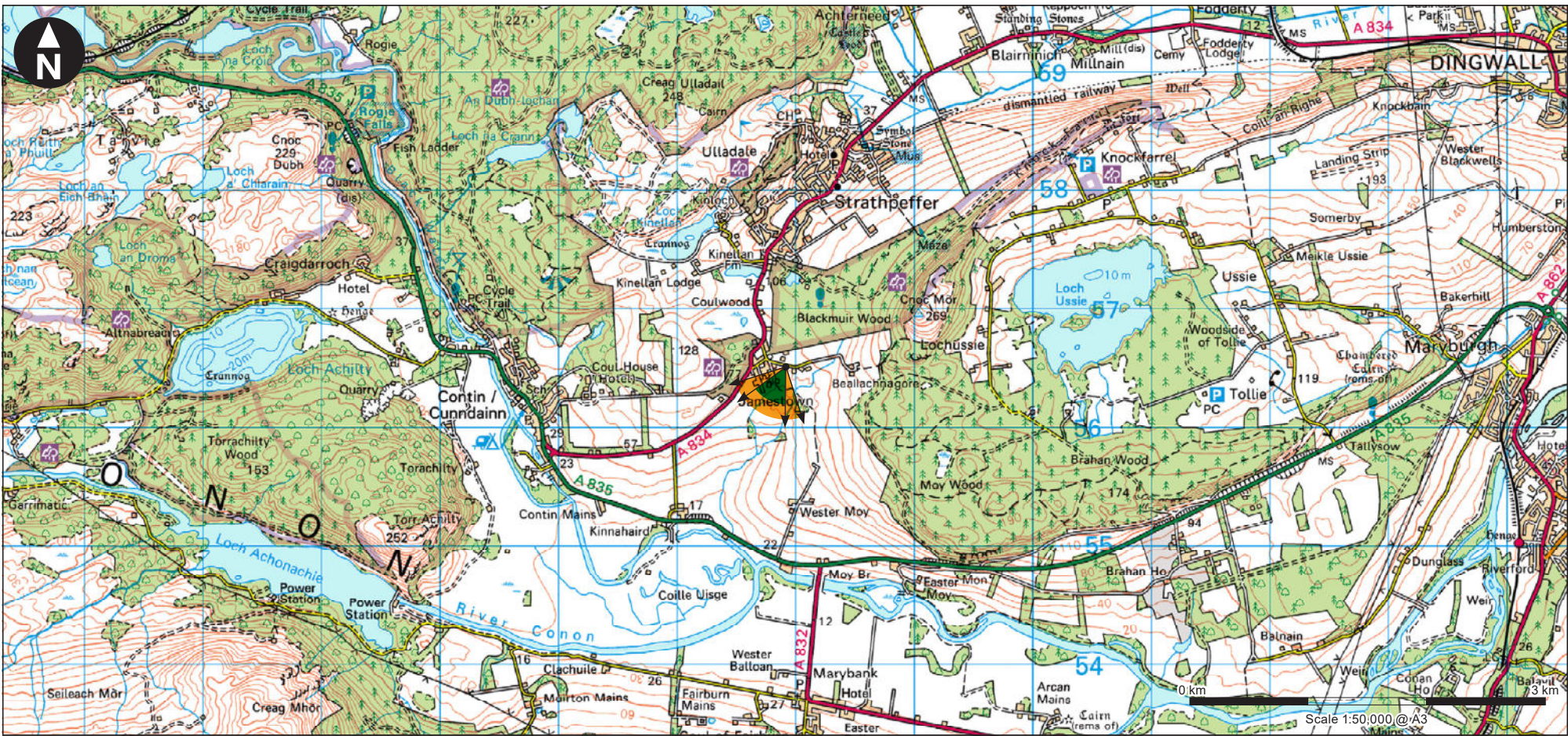
Ballach Wind Farm
EIA Report

Figure 6.26d
Viewpoint 9:
A835, Contin

Figure 6.26a-e VPP Contin UK0337882_3719-WSPE-FG-SA-00038_R2 Originator: UKGOW775



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: E245 754, N856 176		Horizontal field of view: 90° (cylindrical projection)		Camera: Sony ILCE-7RM3A		Client 	Ballach Wind Farm EIA Report	Figure 6.26e Viewpoint 9: A835, Contin	
		Eye level: 27.5m AOD		Principal distance: 522mm		Lens: 50mm (Sony FE 50mm f/1.2 GM)							
		Direction of view: 194°		Paper size: 841mm x 297mm (half A1)		Camera height: 1.5m AGL							
		Nearest turbine: 8,439m		Correct printed image size: 820 x 260mm		Date and time: 07/11/2024 @ 10:00							



Viewpoint Parameters

OS reference:	E247 922, N856 508
Ground Level Elevation:	101m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	207°
Distance to nearest turbine:	9,352m
Number of blade tips theoretically visible ⁴ :	14
Number of hubs theoretically visible ⁴ :	8
Date and time of viewpoint photography:	17/09/2024 @ 11:35
Camera:	Sony ILCE-7RM3A
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: LBALLACH005.WFL
• Hub height: 149m / 119m
• Rotor diameter: 162m
• Height to blade tip: 230m / 200m
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).



Ballach Wind Farm
EIA Report

**Figure 6.27a
Viewpoint 10:
Jamestown**

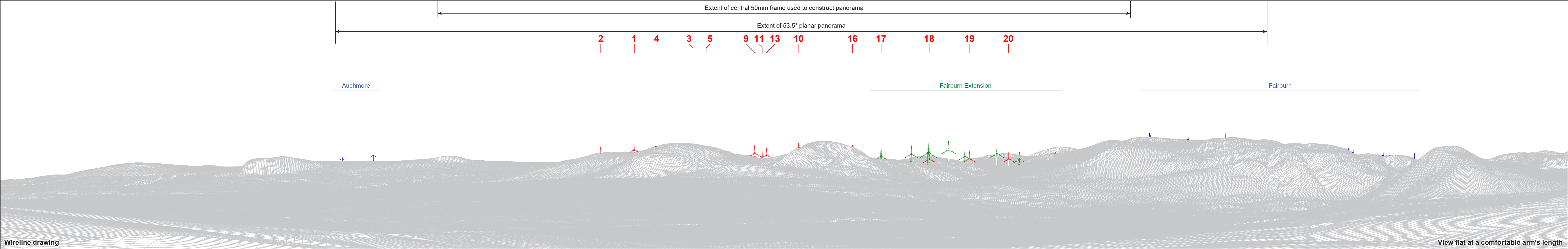
June 2025





Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

Note: Turbines 17 and 20 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: ✚ Ballach Wind Farm ✚ Existing ✚ Consented ✚ Application ✚ Scoping

OS reference:	E247 922, N856 508	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-7RM3A
Eye level:	102.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	207°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	9,352m	Correct printed image size:	820 x 130mm	Date and time:	17/09/2024 @ 11:35



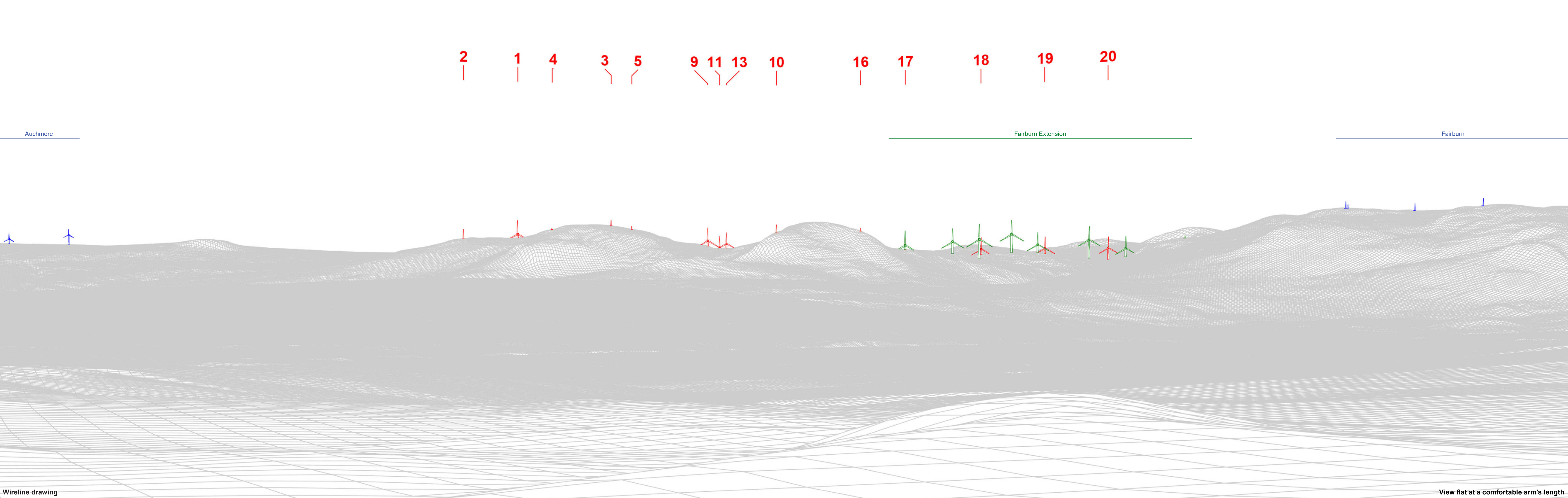
Client
Ballach Wind Farm
EIA Report

Figure 6.27b
Viewpoint 10:
Jamestown

June 2025



Figure 6.27a-e VPI0 Jamestown UK003762.3719-WSPE-FG-SA-00039_R3
Originator: UKG3W75



Wireline drawing		View flat at a comfortable arm's length									
Note: Turbines 17 and 20 would be lit at the hub with a visible red aviation warning light.		OS reference: E247 922, N856 508		Horizontal field of view: 53.5° (planar projection)		Camera: Sony ILCE-7RM3A		Client		Ballach Wind Farm	
		Eye level: 102.5m AOD		Principal distance: 812.5mm		Lens: 50mm (Sony FE 50mm f/1.2 GM)		EnergieKontor		EIA Report	
		Direction of view: 207°		Paper size: 841mm x 297mm (half A1)		Camera height: 1.5m AGL				Figure 6.27c	
Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping		Nearest turbine: 9,352m		Correct printed image size: 820 x 260mm		Date and time: 17/09/2024 @ 11:35				Viewpoint 10: Jamestown	
										June 2025	

Figure 6.27aa VPI0 Jamestown UK0037682.3719-VSPF-FG-SA-00039_R3
Originator: UKG3W75



Photomontage

View flat at a comfortable arm's length

OS reference:	E247 922, N856 508	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A
Eye level:	102.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	207°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	9,352m	Correct printed image size:	820 x 260mm	Date and time:	17/09/2024 @ 11:35

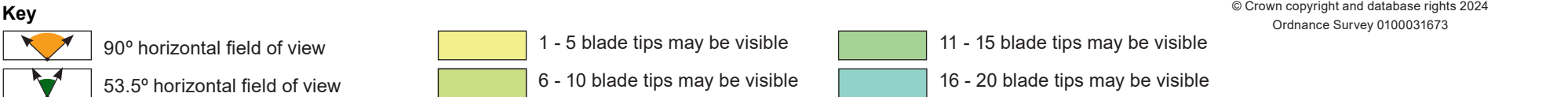
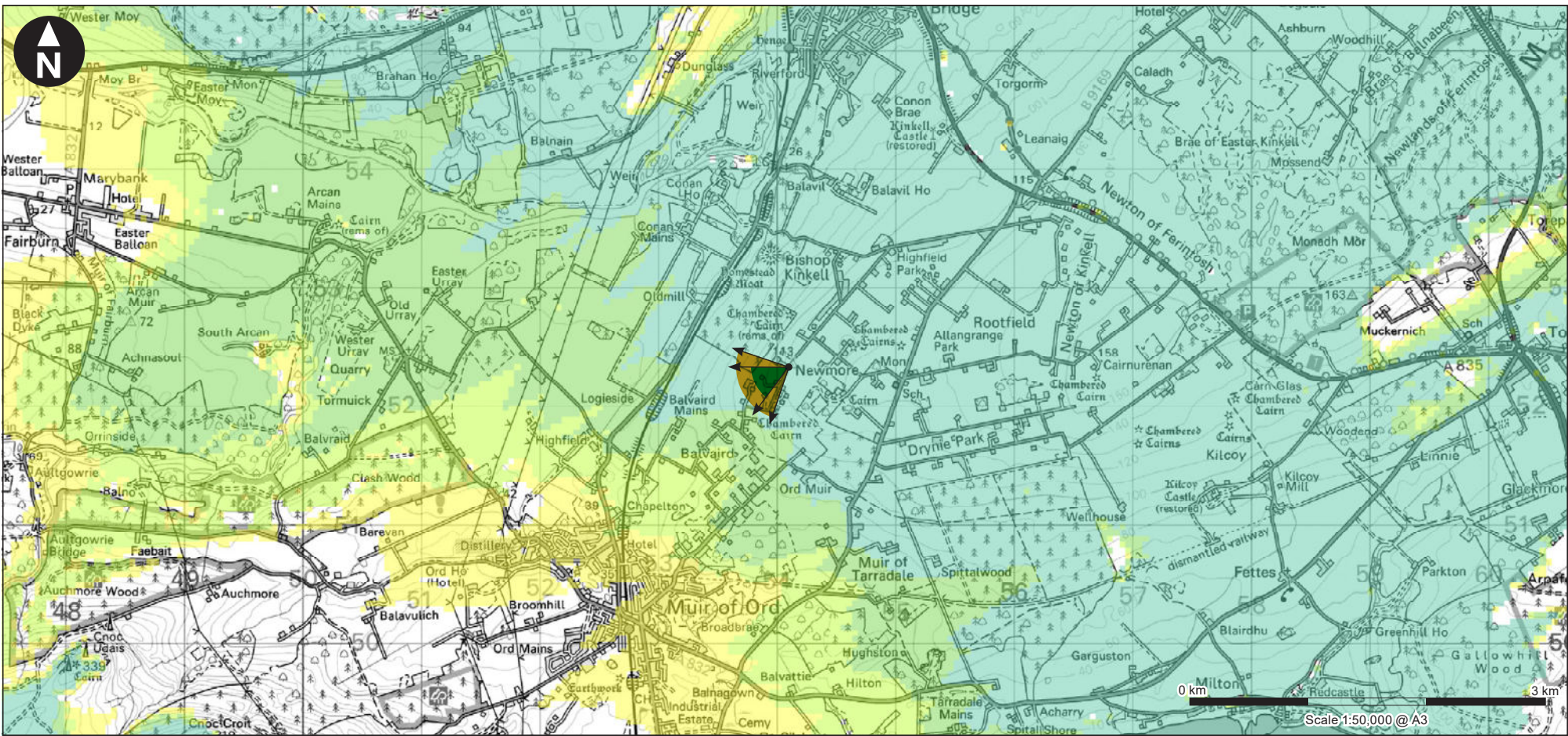
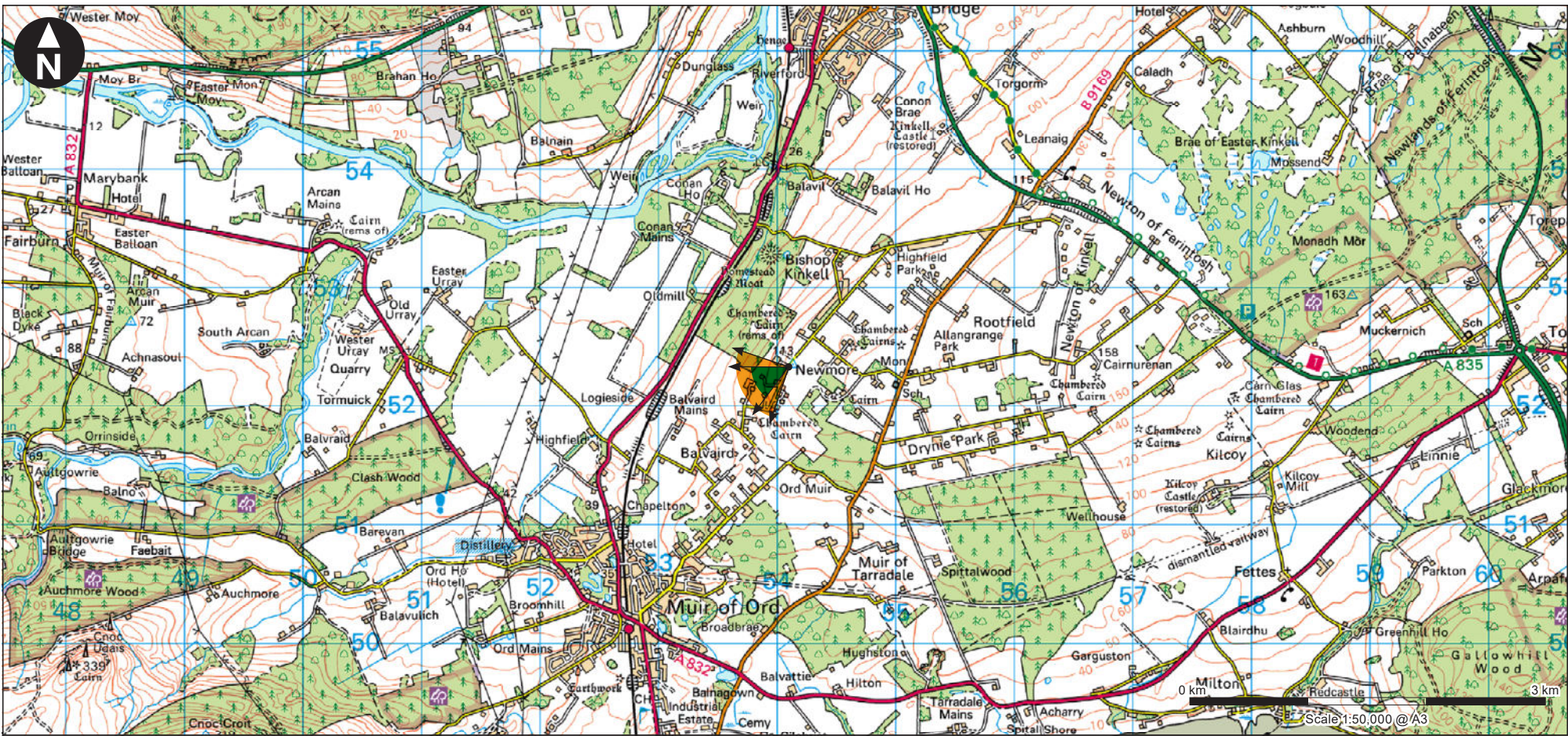


Client
Ballach Wind Farm
EIA Report

Figure 6.27d
Viewpoint 10:
Jamestown

June 2025





Viewpoint Parameters

OS reference:	E254 096, N852 326
Ground Level Elevation:	122m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	244°
Distance to nearest turbine:	10,408m
Number of blade tips theoretically visible ⁴ :	19
Number of hubs theoretically visible ⁴ :	15
Date and time of viewpoint photography:	19/09/2024 @ 11:20
Camera:	Sony ILCE-7RM3A
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: LBALLACH005.WFL
• Hub height: 149m / 119m
• Rotor diameter: 162m
• Height to blade tip: 230m / 200m
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).



Ballach Wind Farm
EIA Report

**Figure 6.28a
Viewpoint 11:
Balvaired - Newmore**

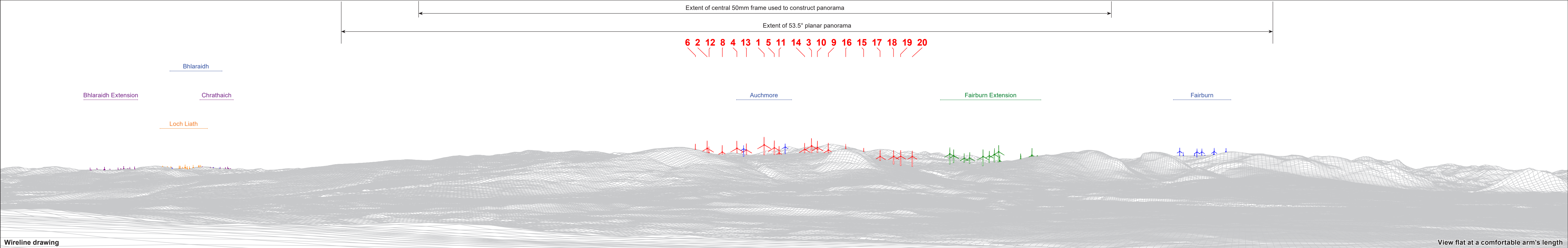
June 2025





Baseline photograph

This image provides landscape and visual context only



Wireline drawing

Note: Turbines 2, 3, 14, 17 and 20 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E254 096, N852 326	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-7RM3A
Eye level:	123.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	244°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	10,408m	Correct printed image size:	820 x 130mm	Date and time:	19/09/2024 @ 11:20



Client
Ballach Wind Farm
EIA Report

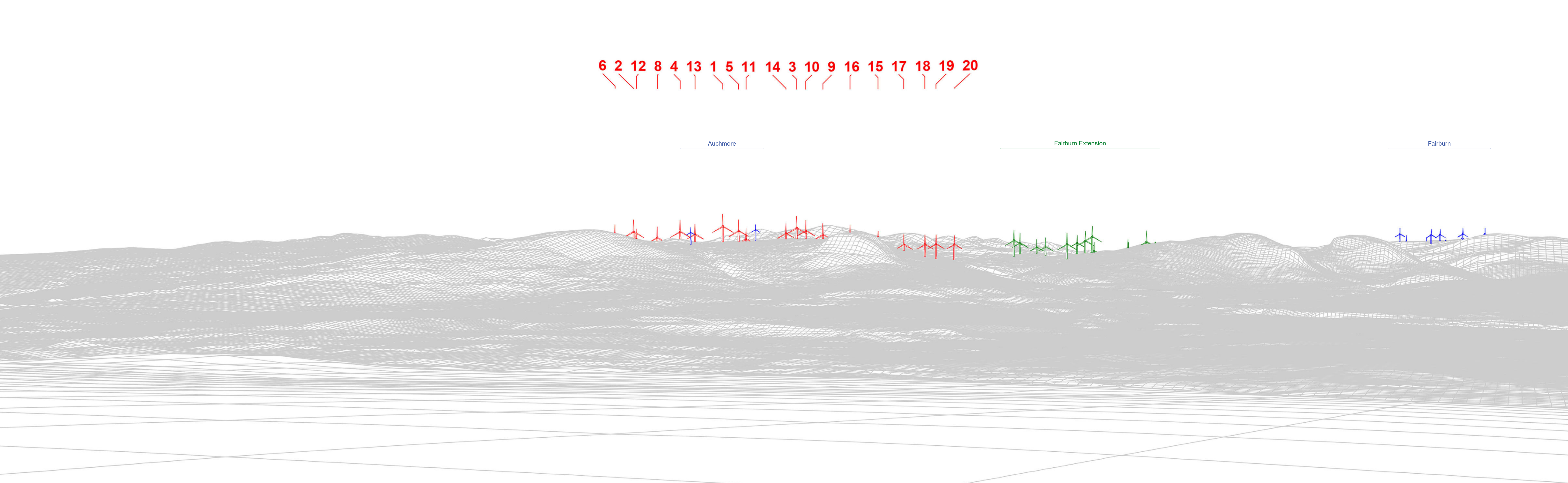
Figure 6.28b
Viewpoint 11:
Balvaird - Newmore

June 2025



View flat at a comfortable arm's length

Figure 6.28a-e VPI1 Balvaird UK0027682.3719-WSPE-FG-SA-0046_E3
Originator: UKG3W775



Wireline drawing
Note: Turbines 2, 3, 14, 17 and 20 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key:
🚩 Ballach Wind Farm
🔵 Existing
🟣 Consented
🟠 Application
🟢 Scoping

OS reference:	E254 096, N852 326	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A
Eye level:	123.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	244°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	10.408m	Correct printed image size:	820 x 260mm	Date and time:	19/09/2024 @ 11:20

Client

Ballach Wind Farm
EIA Report

Figure 6.28c
Viewpoint 11:
Balvaird - Newmore

June 2025

View flat at a comfortable arm's length

Figure 6.28a-e VP11 Balvaird UK002762.3719-WSPE-FG-SA-0040_53
Originator: UKG3W75



Photomontage

View flat at a comfortable arm's length

OS reference:	E254 096, N852 326	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A
Eye level:	123.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	244°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	10.408m	Correct printed image size:	820 x 260mm	Date and time:	19/09/2024 @ 11:20

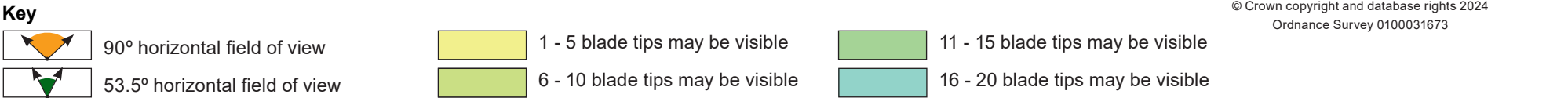
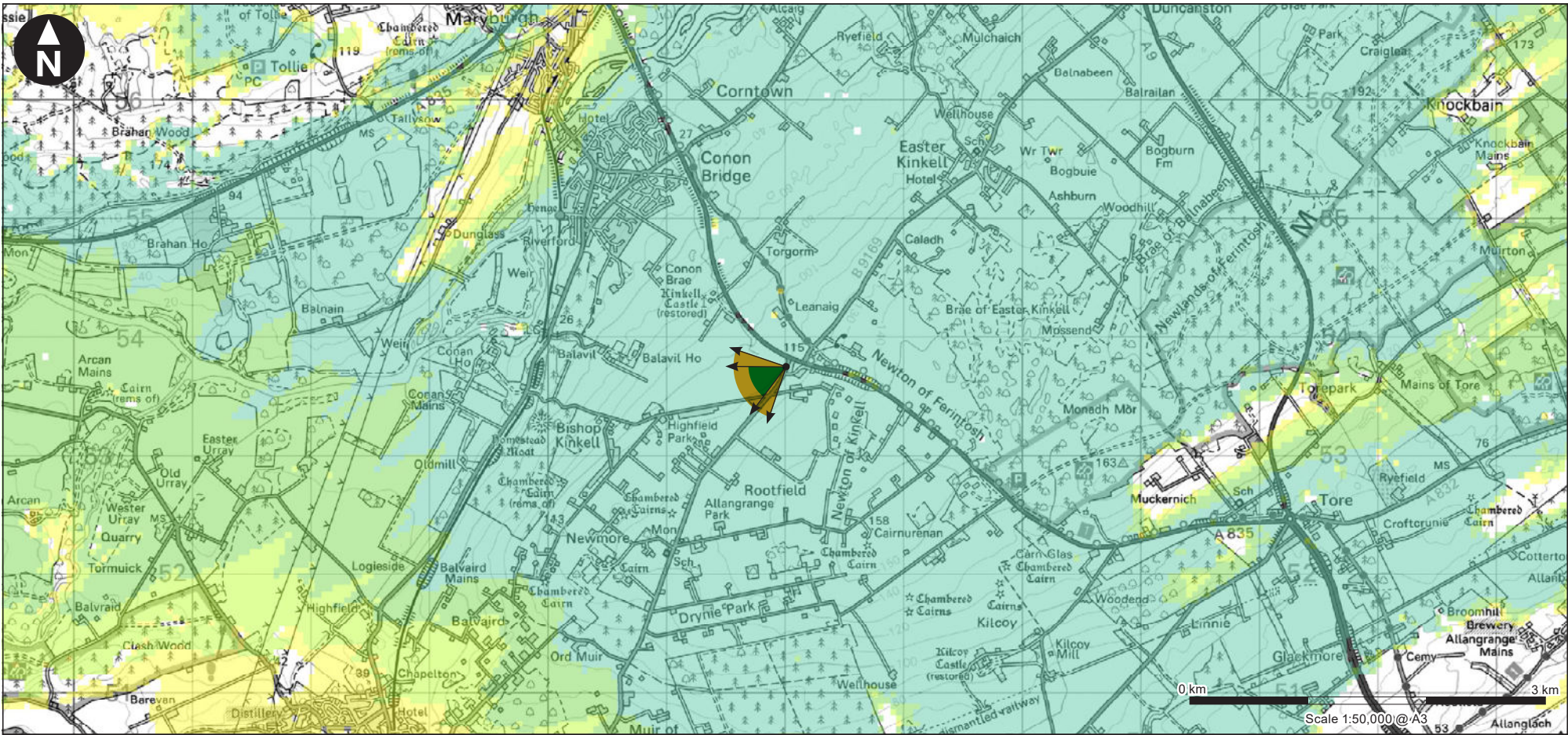
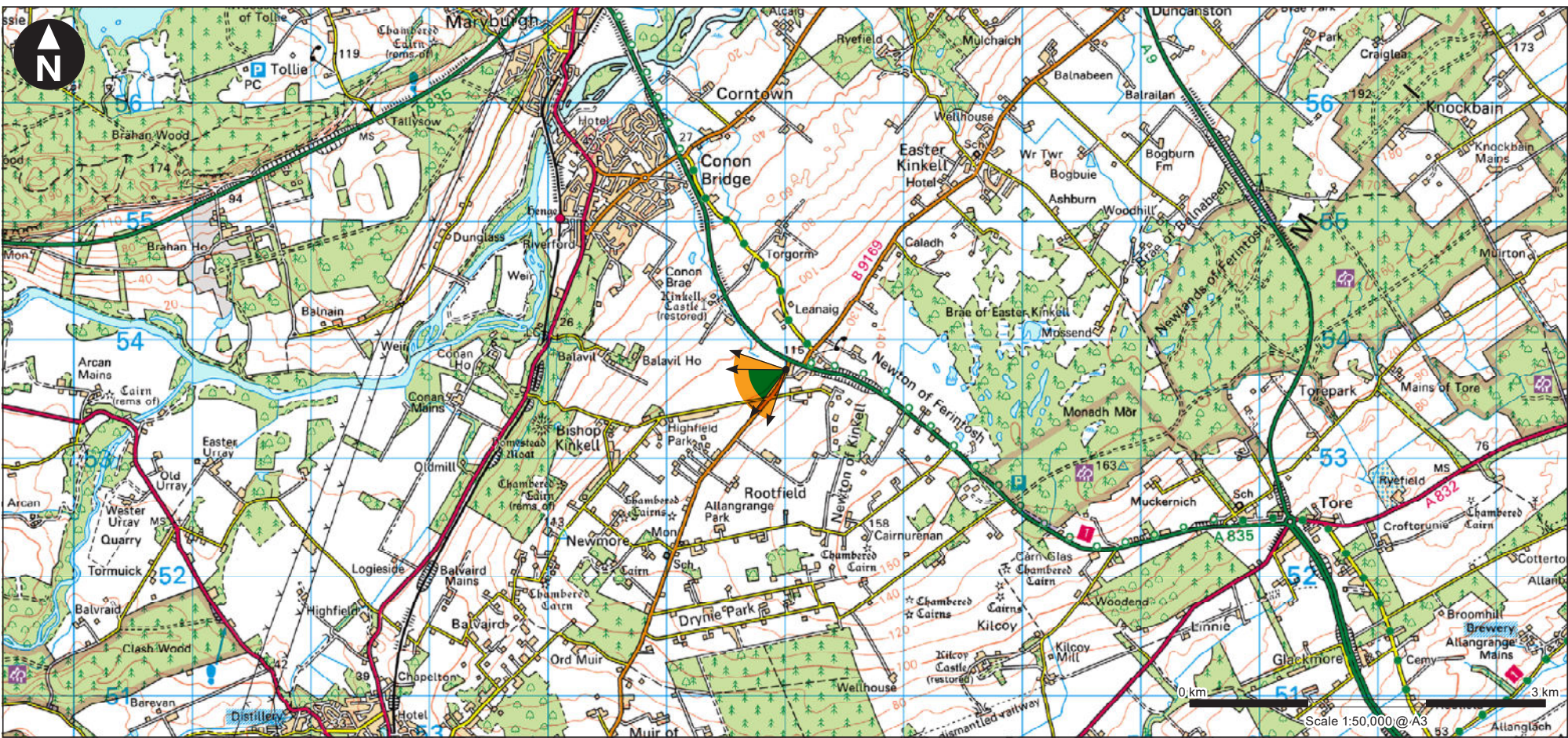


Client
Ballach Wind Farm
EIA Report

Figure 6.28d
Viewpoint 11:
Balvaird - Newmore

June 2025





Viewpoint Parameters

OS reference:	E256 015, N853 748
Ground Level Elevation:	124m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	243°
Distance to nearest turbine:	12,773m
Number of blade tips theoretically visible ⁴ :	20
Number of hubs theoretically visible ⁴ :	19
Date and time of viewpoint photography:	19/09/2024 @ 10:40
Camera:	Sony ILCE-7RM3A
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: LBALLACH005.WFL
• Hub height: 149m / 119m
• Rotor diameter: 162m
• Height to blade tip: 230m / 200m
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).



Ballach Wind Farm
EIA Report

**Figure 6.29a
Viewpoint 12:
A835 - B9169 Junction**

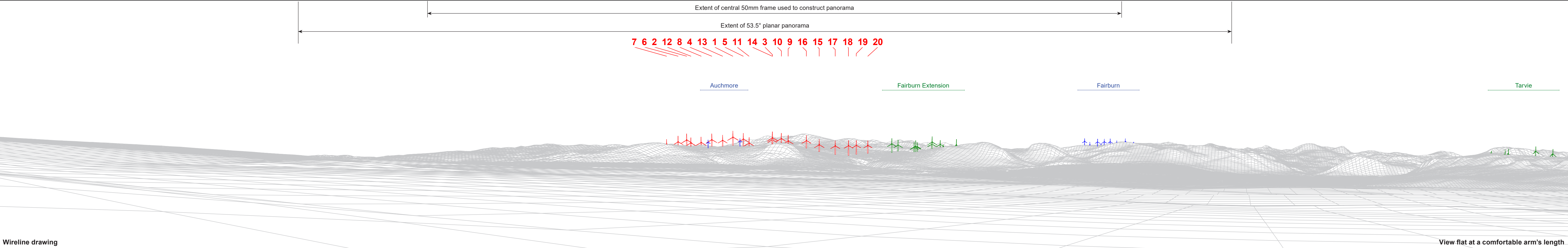
June 2025





Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

Note: Turbines 2, 3, 14, 17 and 20 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E256 015, N853 748	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-7RM3A
Eye level:	125.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	244°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	12,773m	Correct printed image size:	820 x 130mm	Date and time:	19/09/2024 @ 10:40

Client

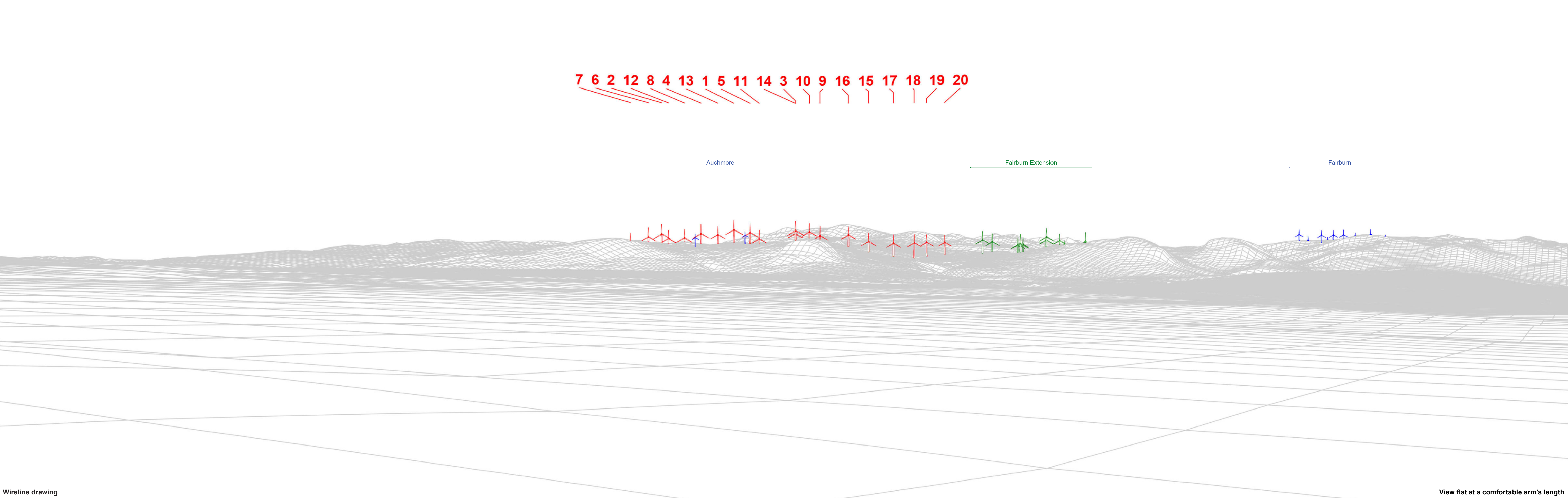
Ballach Wind Farm
EIA Report

Figure 6.29b
Viewpoint 12:
A835 - B9169 Junction

June 2025



Figure 6.29a-e_VP12_A835-B9169_UK037662.3719-WSPE-FC-SA-00041_R3 Originator: UKCGW75



Wireline drawing

Note: Turbines 2, 3, 14, 17 and 20 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E256 015, N853 748	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A
Eye level:	125.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	244°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	12.773m	Correct printed image size:	820 x 260mm	Date and time:	19/09/2024 @ 10:40



Client
Ballach Wind Farm
EIA Report

Figure 6.29c
Viewpoint 12:
A835 - B9169 Junction

View flat at a comfortable arm's length

June 2025



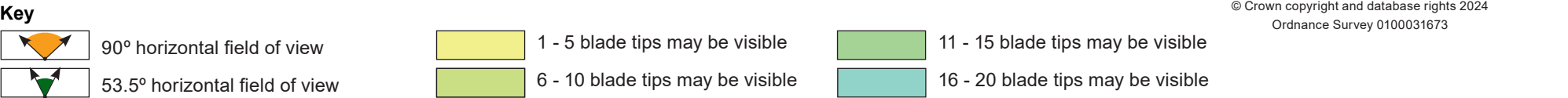
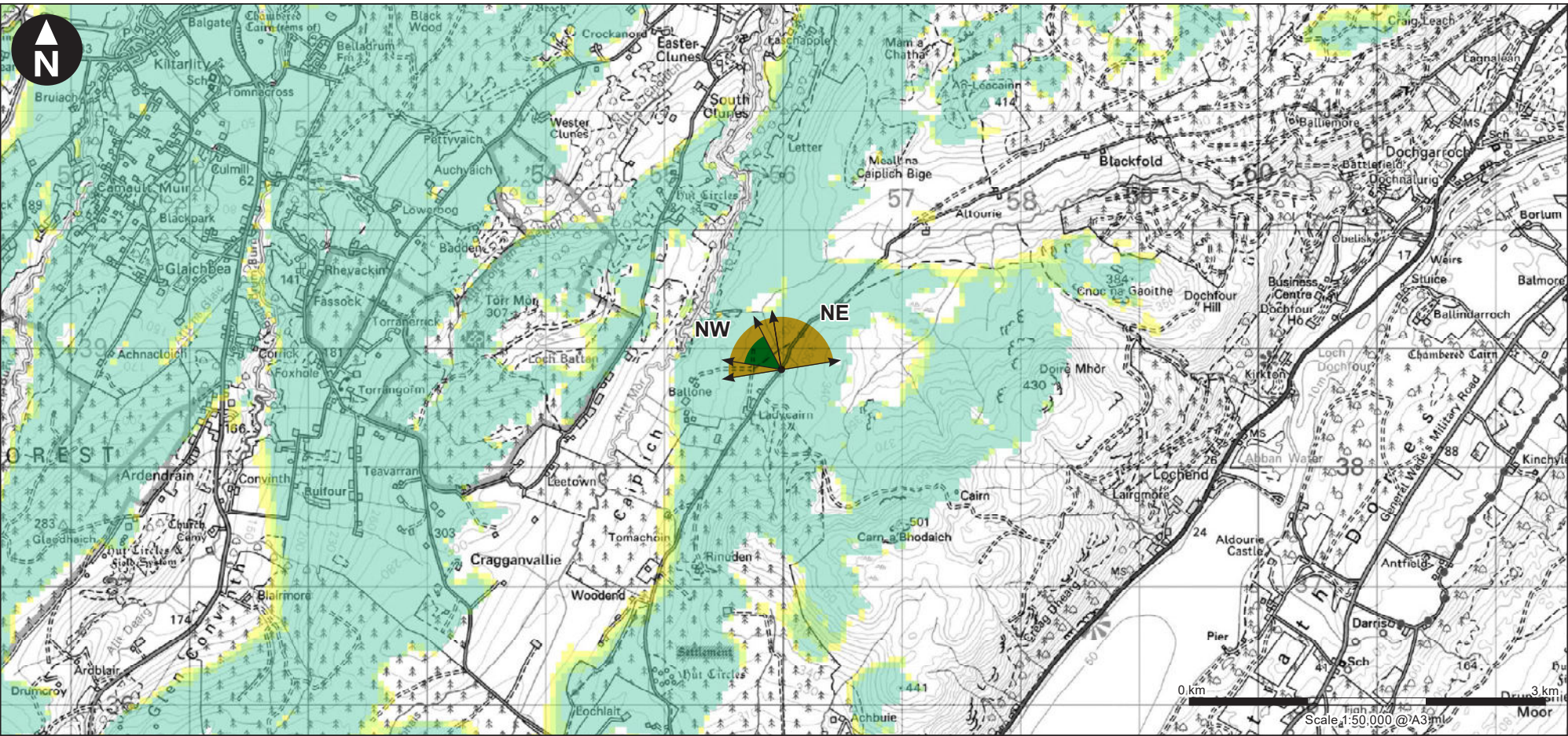
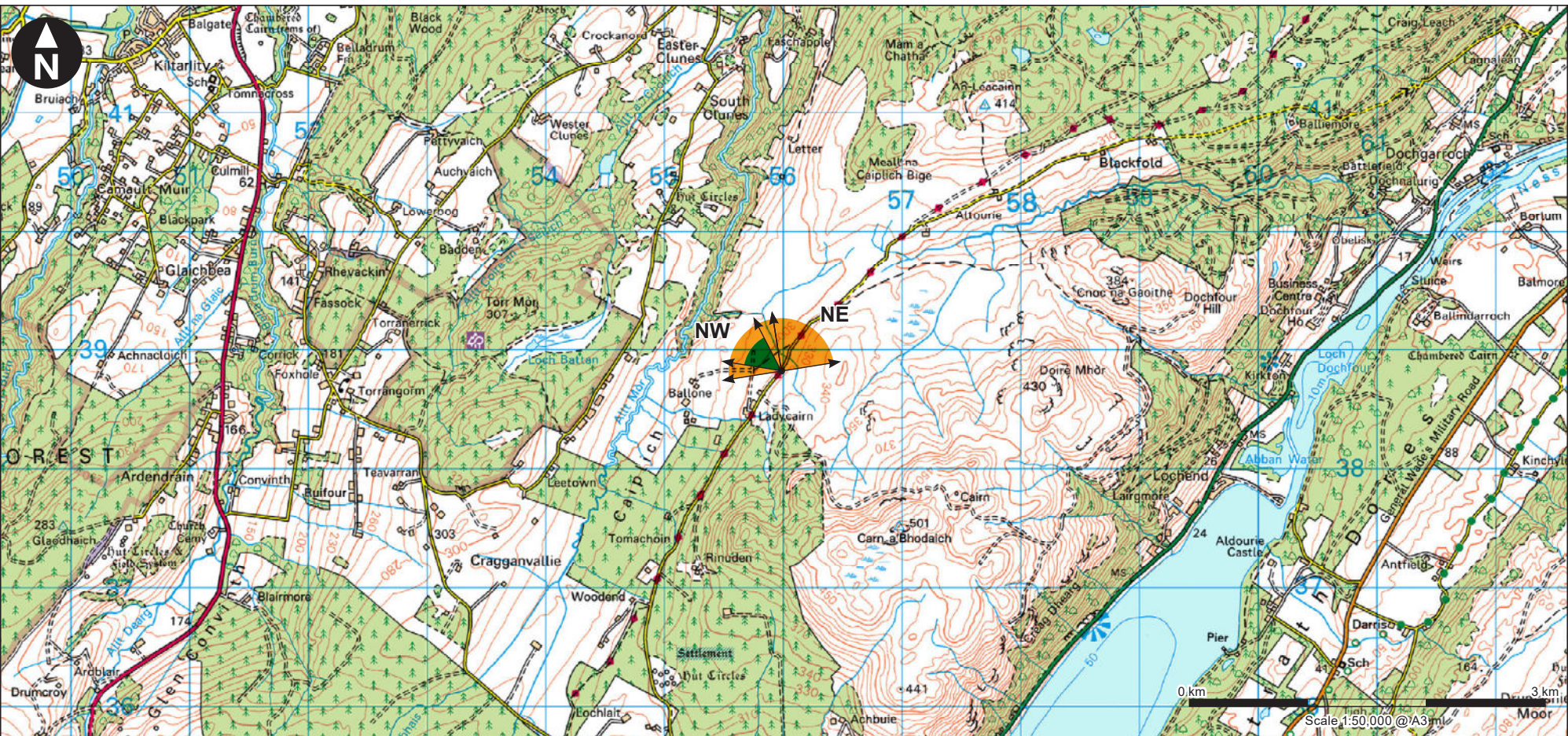
Figure 6.29a-e VPI2 A835-B9169 UK03037662.3719-WSPE-FC-SA-00041_R3 Originator: UKCGW775



Photomontage

View flat at a comfortable arm's length

OS reference:	E256 015, N853 748	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A	Client 	Ballach Wind Farm EIA Report	Figure 6.29d Viewpoint 12: A835 - B9169 Junction	June 2025	
Eye level:	125.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)					
Direction of view:	244°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL					
Nearest turbine:	12,773m	Correct printed image size:	820 x 260mm	Date and time:	19/09/2024 @ 10:40					



Viewpoint Parameters

OS reference:	E255 983, N838 822
Ground Level Elevation:	319m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	303°
Distance to nearest turbine:	13,633m
Number of blade tips theoretically visible ⁴ :	20
Number of hubs theoretically visible ⁴ :	20
Date and time of viewpoint photography:	19/09/2024 @ 14:30
Camera:	Sony ILCE-7RM3A
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: LBALLACH005.WFL
• Hub height: 149m / 119m
• Rotor diameter: 162m
• Height to blade tip: 230m / 200m
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).



Ballach Wind Farm
EIA Report

Figure 6.30a
Viewpoint 13:
Great Glen Way near Ladycairn

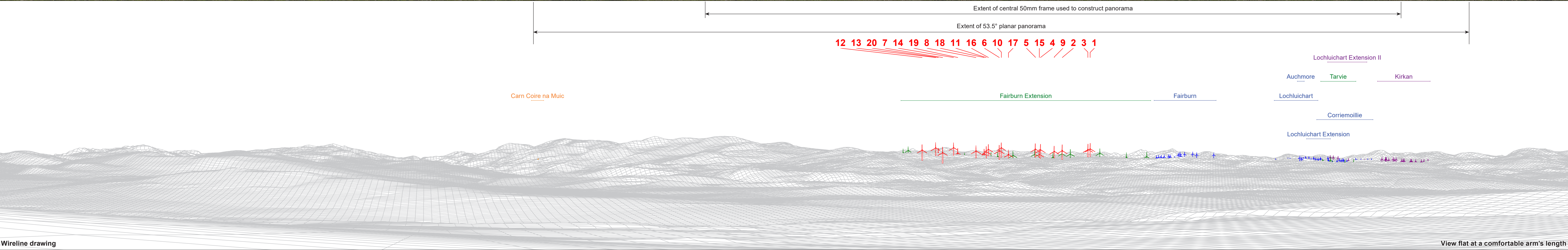
June 2025



Northwest view

Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

Note: Turbines 2, 3, 7, 14, 17 and 20 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E255 983, N838 822	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-7RM3A
Eye level:	320.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	306°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	13.633m	Correct printed image size:	820 x 130mm	Date and time:	19/09/2024 @ 14:30

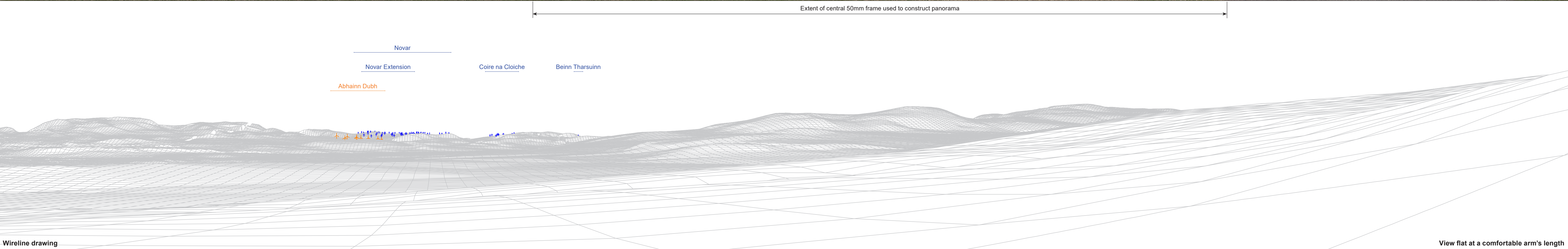
Client

Ballach Wind Farm
EIA Report

Figure 6.30b
Viewpoint 13:
Great Glen Way near Ladycairn

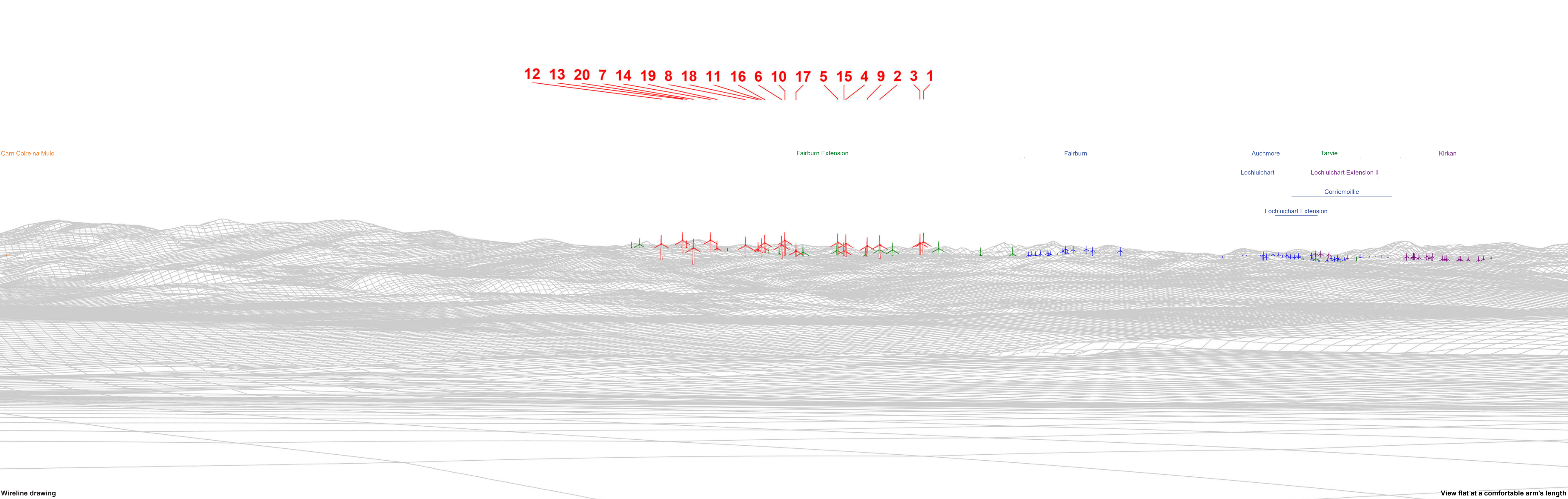
June 2025





Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping			OS reference: E255 983, N838 822 Eye level: 320.5m AOD Direction of view: 36° Nearest turbine: 13.633m	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 ILCE-7RM3A Lens: 50mm (Sony FE 50mm f/1.2 GM) Camera height: 1.5m AGL Date and time: 19/09/2024 @ 14:30	Client	Ballach Wind Farm EIA Report	Figure 6.30c Viewpoint 13: Great Glen Way near Ladycairn	June 2025
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Figure 6.30a-1 VP 13 Great Glen Way UK037682.3719-WSPE-FG-SA-00042_R3 Originator: UKCGW775



Wireline drawing

Note: Turbines 2, 3, 7, 14, 17 and 20 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E255 983, N838 822	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A
Eye level:	320.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	306°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	13.633m	Correct printed image size:	820 x 260mm	Date and time:	19/09/2024 @ 14:30



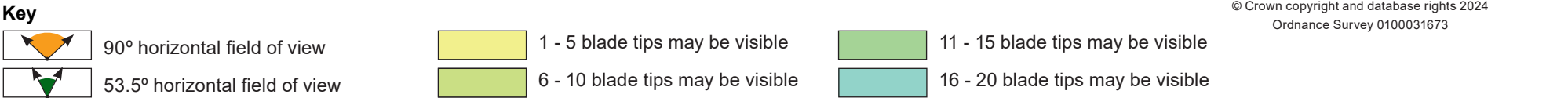
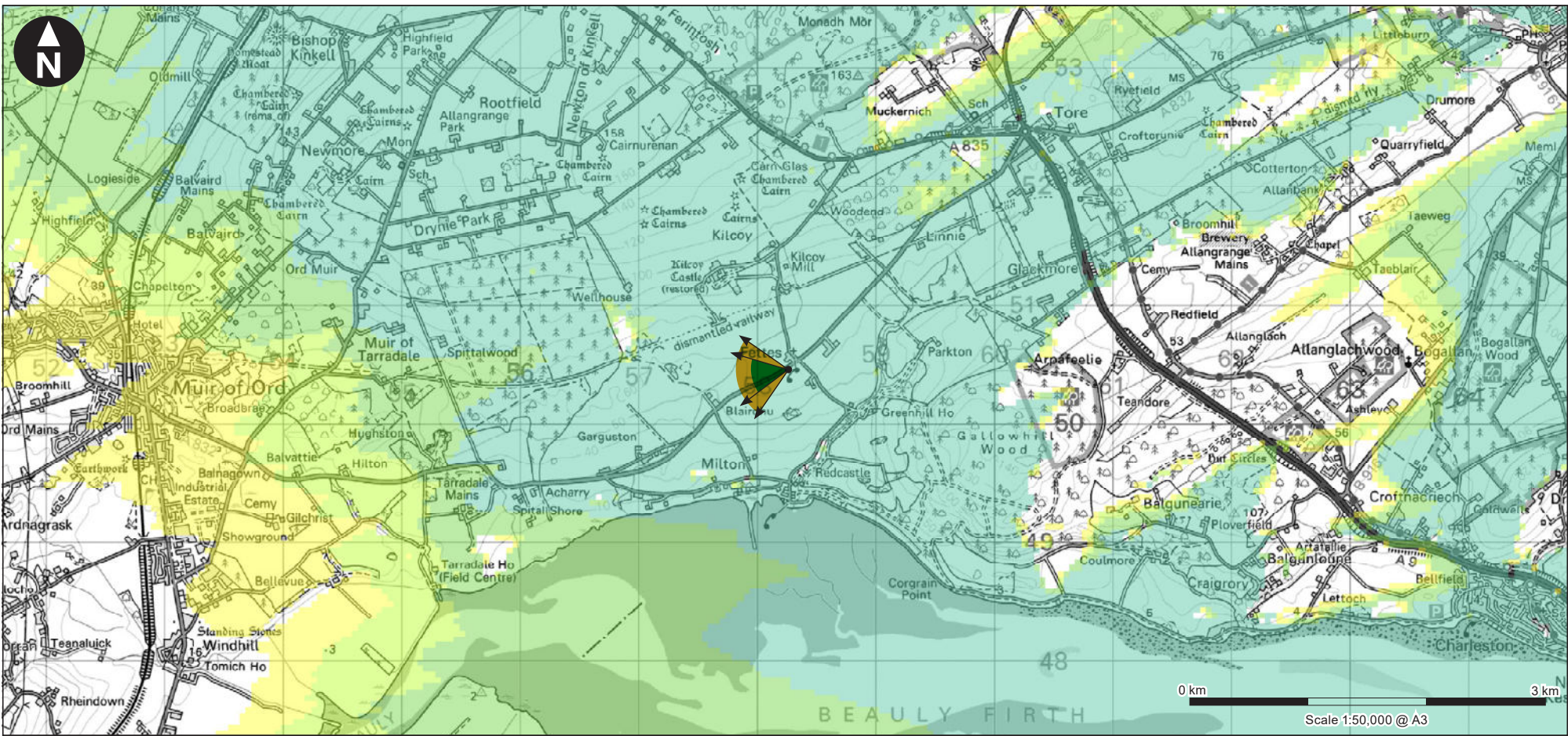
Client
Ballach Wind Farm
EIA Report

Figure 6.30d
Viewpoint 13:
Great Glen Way near Ladycairn

June 2025



View flat at a comfortable arm's length



Viewpoint Parameters

OS reference:	E258 260, N850 456
Ground Level Elevation:	70m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	257°
Distance to nearest turbine:	13,710m
Number of blade tips theoretically visible ⁴ :	20
Number of hubs theoretically visible ⁴ :	12
Date and time of viewpoint photography:	18/09/2024 @ 13:00
Camera:	Sony ILCE-7RM3A
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: LBALLACH005.WFL
• Hub height: 149m / 119m
• Rotor diameter: 162m
• Height to blade tip: 230m / 200m
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



Ballach Wind Farm
EIA Report

Figure 6.31a
Viewpoint 14:
A832 West of Tore

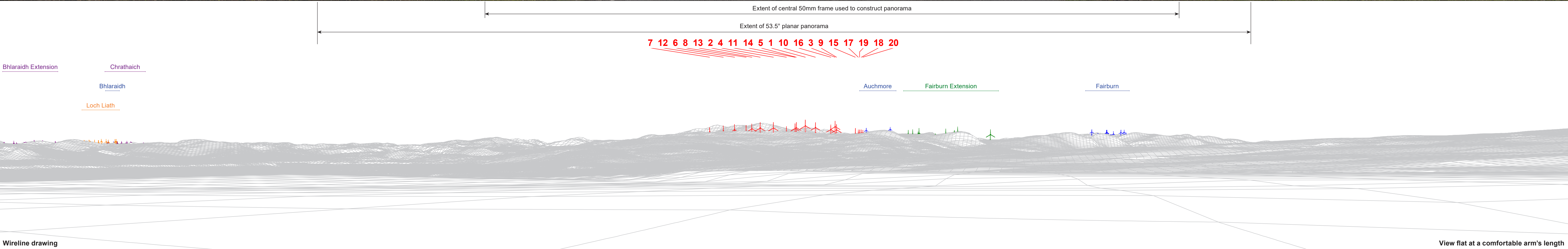
June 2025





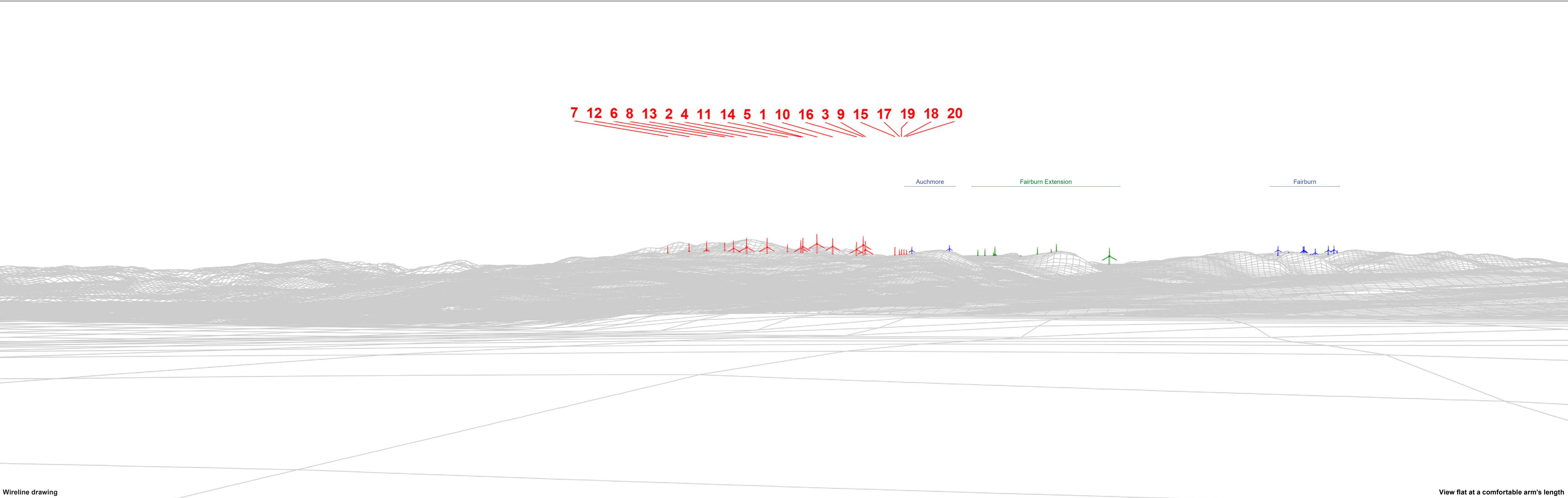
Baseline photograph

This image provides landscape and visual context only



Note: Turbines 2, 3 and 14 would be lit at the hub with a visible red aviation warning light.			OS reference: E258 260, N850 456		Horizontal field of view: 90° (cylindrical projection)		Camera: Sony ILCE-7RM3A		Client		Ballach Wind Farm EIA Report		Figure 6.31b Viewpoint 14: A832 West of Tore		June 2025	
Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping			Eye level: 71.5m AOD		Principal distance: 522mm		Lens: 50mm (Sony FE 50mm f/1.2 GM)									
			Direction of view: 260°		Paper size: 841mm x 297mm (half A1)		Camera height: 1.5m AGL									
			Nearest turbine: 13,710m		Correct printed image size: 820 x 130mm		Date and time: 18/09/2024 @ 13:00									

Figure 6.31a: Viewpoint 14: A832 Toris UK0037662.3719-WSPE-FG-SA-00043_R3
Originator: UKCGW775



Wireline drawing

Note: Turbines 2, 3 and 14 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key:

Ballach Wind Farm

Existing

Consented

Application

Scoping

OS reference:

E258 260, N850 456

Horizontal field of view:

53.5° (planar projection)

Camera:

Sony ILCE-7RM3A

Client

Eye level:

71.5m AOD

Principal distance:

812.5mm

Lens:

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

Camera height:

1.5m AGL

Date and time:

18/09/2024 @ 13:00

Direction of view:

260°

Paper size:

841mm x 297mm (half A1)

Correct printed image size:

820 x 260mm

Nearest turbine:

13,710m

Ballach Wind Farm
EIA Report

Figure 6.31c
Viewpoint 14:
A832 West of Tore

June 2025

View flat at a comfortable arm's length

Figure 6.31a Viewpoint 14 A832 Tore UK037662.3719-WBPE-FG-SA-00043_R3 Originator: UKCGW775



Photomontage

View flat at a comfortable arm's length

OS reference:	E258 260, N850 456	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A	Client	EnergieKontor	Ballach Wind Farm EIA Report	Figure 6.31d Viewpoint 14: A832 West of Tore	June 2025	wsp
Eye level:	71.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)						
Direction of view:	260°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL						
Nearest turbine:	13,710m	Correct printed image size:	820 x 260mm	Date and time:	18/09/2024 @ 13:00						

Figure 6.31a Viewpoint 14 A832 Tore UK037662.3719-WBPE-FG-SA-00043_R3 Originator: UKGWN775



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:	E258 260, N850 456	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-7RM3A
Eye level:	71.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	260°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	13,710m	Correct printed image size:	820 x 260mm	Date and time:	18/09/2024 @ 13:00



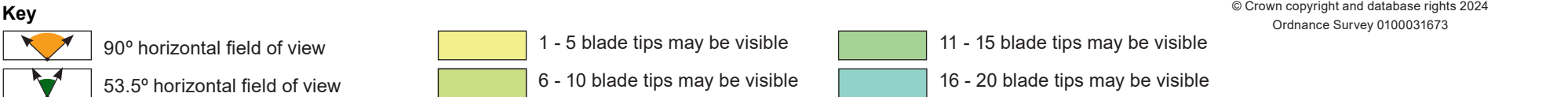
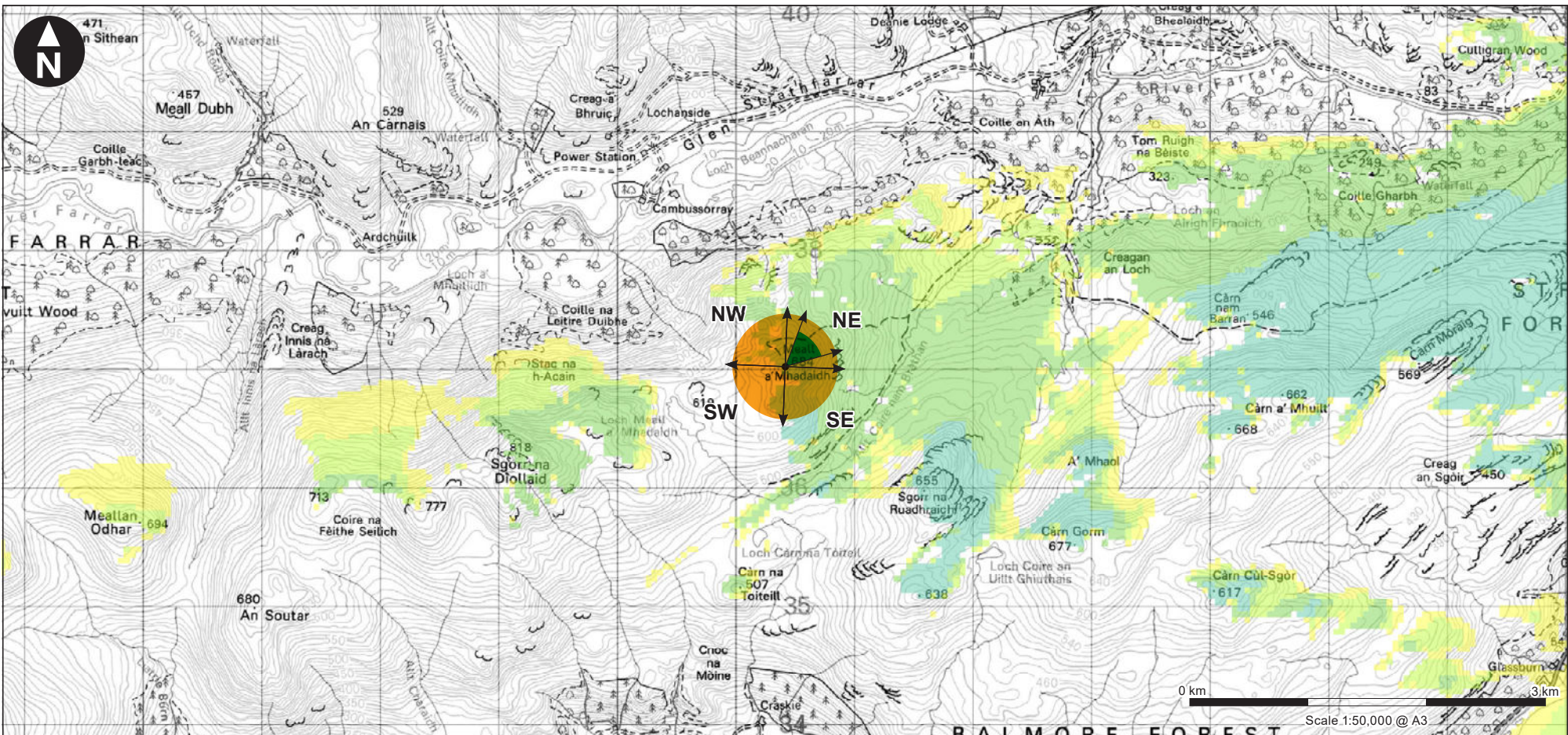
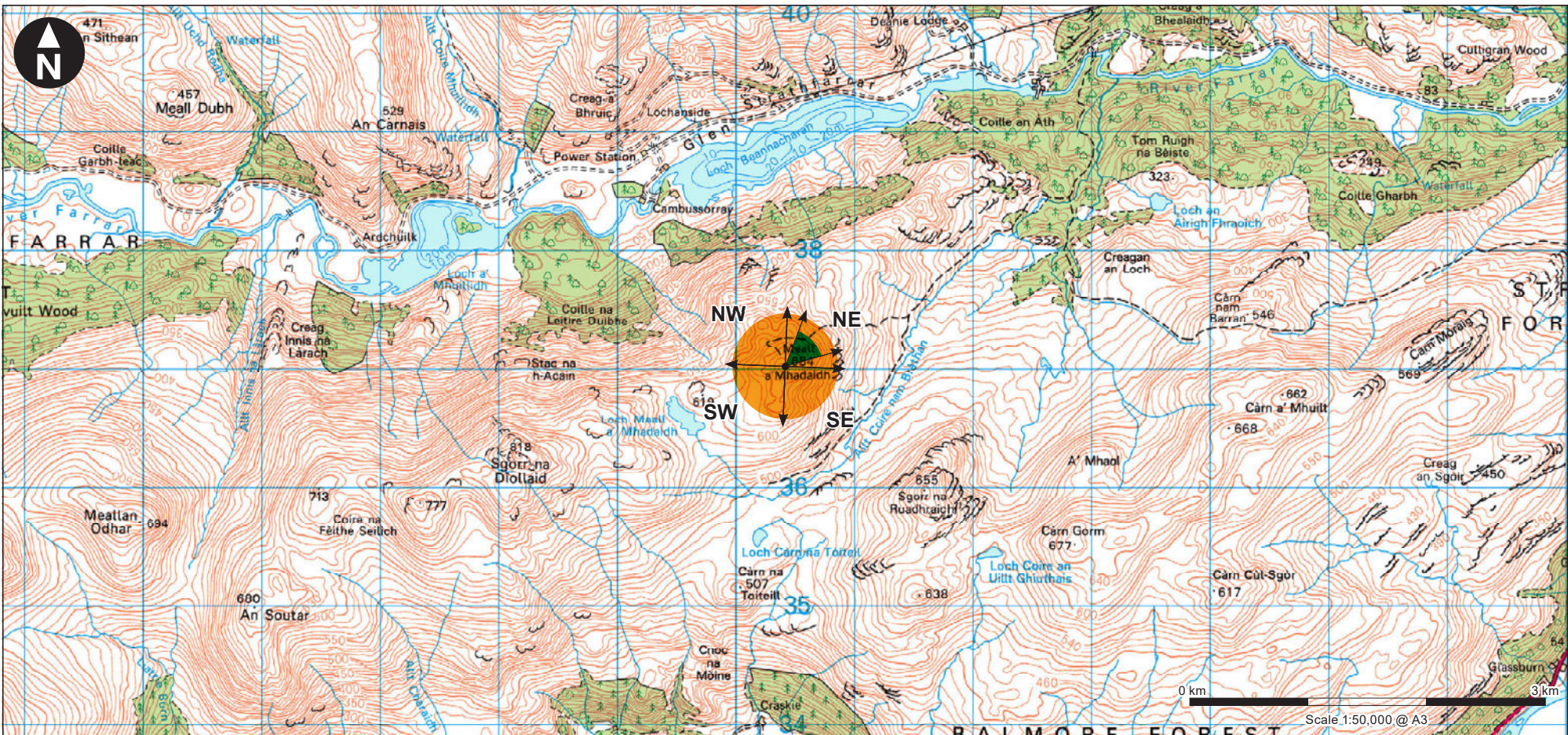
Client
Ballach Wind Farm
EIA Report

Figure 6.31e
Viewpoint 14:
A832 West of Tore

View flat at a comfortable arm's length

June 2025





Viewpoint Parameters

OS reference:	E230 413, N837 020
Ground Level Elevation:	684m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	52°
Distance to nearest turbine:	14,529m
Number of blade tips theoretically visible ⁴ :	16
Number of hubs theoretically visible ⁴ :	14
Date and time of viewpoint photography:	07/02/2025 @ 12:45
Camera:	Sony ILCE-9
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: LBALLACH005.WFL
• Hub height: 149m / 119m
• Rotor diameter: 162m
• Height to blade tip: 230m / 200m
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).



Ballach Wind Farm
EIA Report

**Figure 6.32a
Viewpoint 15:
Meall a 'Mhadaibh**

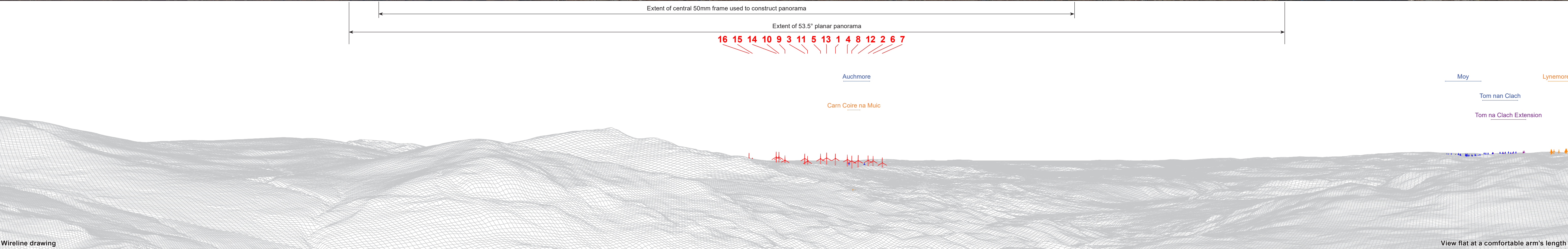
June 2025





Baseline photograph

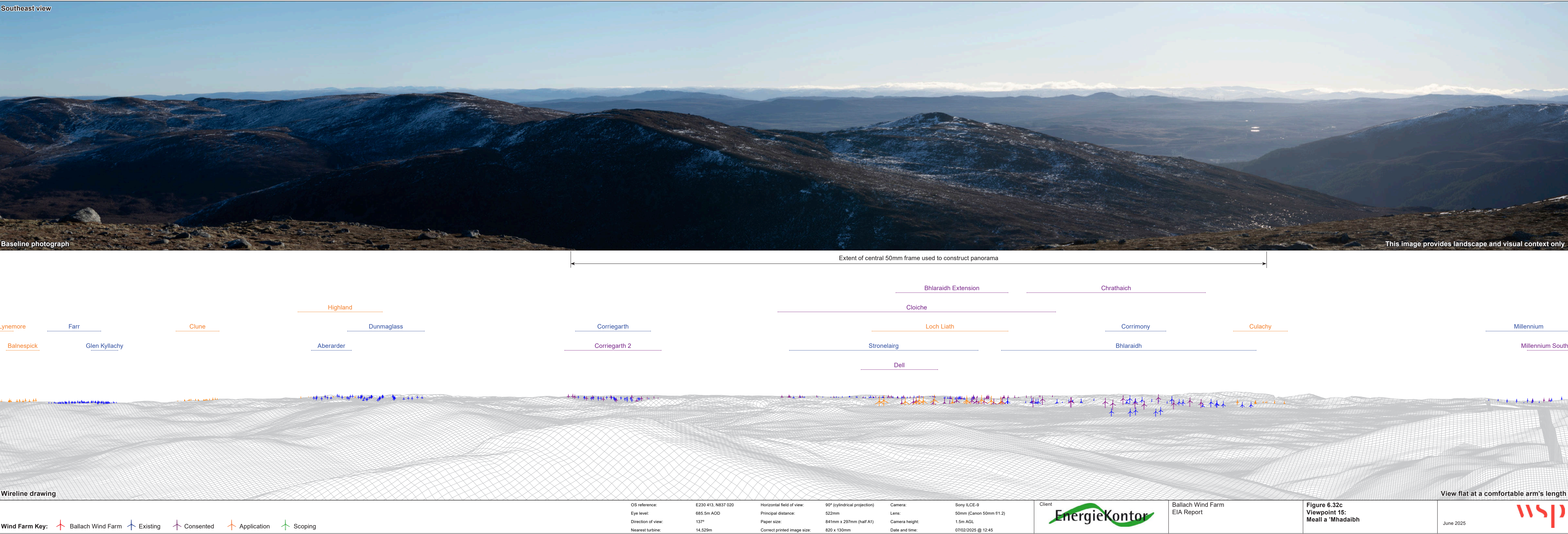
This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

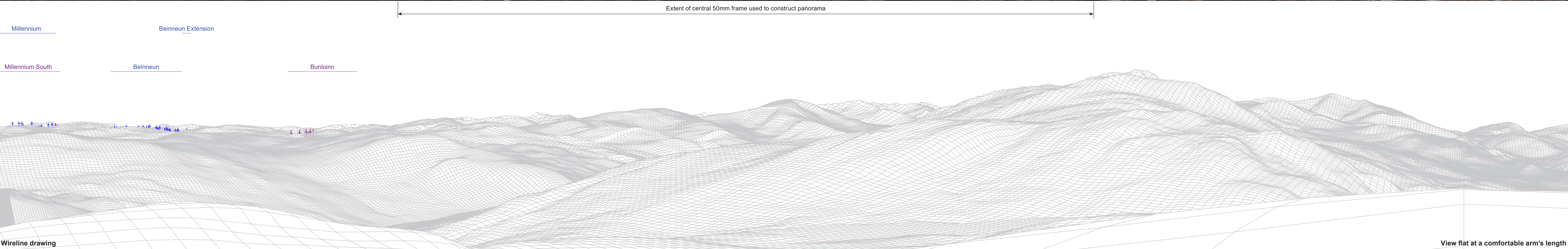
Note: Turbines 2, 3, 7 and 14 would be lit at the hub with a visible red aviation warning light.					OS reference: E230 413, N837 020					Horizontal field of view: 90° (cylindrical projection)					Camera: Sony ILCE-9					Client EnergieKontor	Ballach Wind Farm EIA Report	Figure 6.32b Viewpoint 15: Meall a 'Mhadaibh	June 2025 WSP
Wind Farm Key: ✚ Ballach Wind Farm ✚ Existing ✚ Consented ✚ Application ✚ Scoping					Eye level: 685.5m AOD					Principal distance: 522mm					Lens: 50mm (Canon 50mm f/1.2)								
					Direction of view: 47°					Paper size: 841mm x 297mm (half A1)					Camera height: 1.5m AGL								
					Nearest turbine: 14,529m					Correct printed image size: 820 x 130mm					Date and time: 07/02/2025 @ 12:45								





Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E230 413, N837 020	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-9
Eye level:	685.5m AOD	Principal distance:	522mm	Lens:	50mm (Canon 50mm f/1.2)
Direction of view:	227°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	14,529m	Correct printed image size:	820 x 130mm	Date and time:	07/02/2025 @ 12:45

Client

Ballach Wind Farm
EIA Report

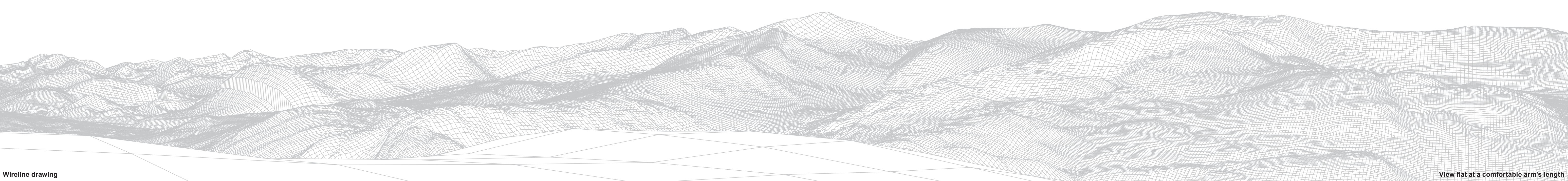
Figure 6.32d
Viewpoint 15:
Meall a 'Mhadaibh

June 2025

Northwest view



Extent of central 50mm frame used to construct panorama



Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E230 413, N837 020	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-9
Eye level:	685.5m AOD	Principal distance:	522mm	Lens:	50mm (Canon 50mm f/1.2)
Direction of view:	317°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	14,529m	Correct printed image size:	820 x 130mm	Date and time:	07/02/2025 @ 12:45



Client
Ballach Wind Farm
EIA Report

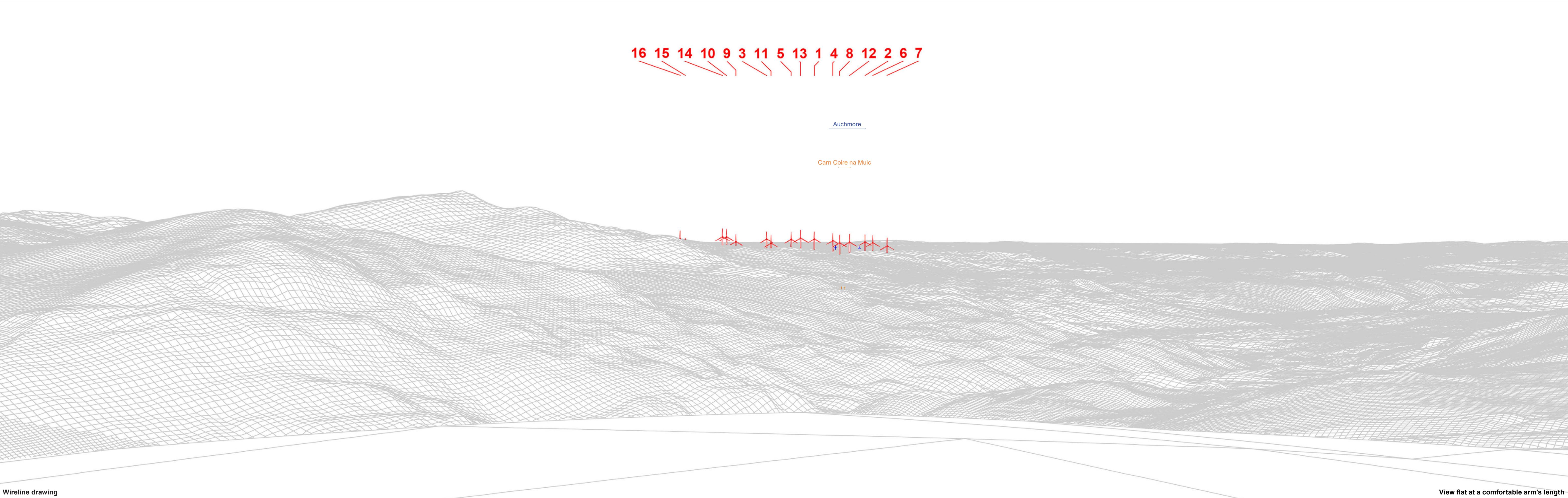
Figure 6.32e
Viewpoint 15:
Meall a 'Mhadaibh

June 2025



Figure 6.32a-h VP15 Meall a 'Mhadaibh UK0037662.3719-WSPE-FG-SA-0004_R3 Originator: UKCGW775

Figure 6.32a-h VP15 Meall a 'Mhadaibh UK0037662.3719-WSPE-FG-SA-0004_R3 Originator: UKCGW775



Wireline drawing

Note: Turbines 2, 3, 7 and 14 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E230 413, N837 020	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-9
Eye level:	685.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Canon 50mm f/1.2)
Direction of view:	47°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	14,529m	Correct printed image size:	820 x 260mm	Date and time:	07/02/2025 @ 12:45



Client
Ballach Wind Farm
EIA Report

Figure 6.32f
Viewpoint 15:
Meall a 'Mhadaibh

View flat at a comfortable arm's length

June 2025



Figure 6.32a-h VP15 Meall a 'Mhadaibh UK0037682.3719-WSPE-FG-SA-0004_R3 Originator: UKCGW775



Photomontage

View flat at a comfortable arm's length

OS reference:	E230 413, N837 020	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-9
Eye level:	685.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Canon 50mm f/1.2)
Direction of view:	47°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	14,529m	Correct printed image size:	820 x 260mm	Date and time:	07/02/2025 @ 12:45



Client
Ballach Wind Farm
EIA Report

Figure 6.32g
Viewpoint 15:
Meall a 'Mhadaibh

June 2025



Figure 6.32a-h VP15 Meall a 'Mhadaibh UK0037662.3719.VSPE-FG-SA-0004_R3 Originator: UKCGW775



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:	E230 413, N837 020	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-9
Eye level:	685.5m AOD	Principal distance:	522mm	Lens:	50mm (Canon 50mm f/1.2)
Direction of view:	47°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	14,529m	Correct printed image size:	820 x 260mm	Date and time:	07/02/2025 @ 12:45

Client



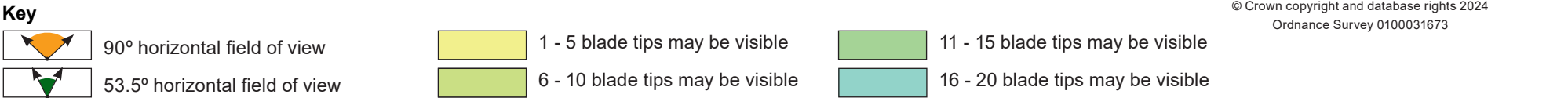
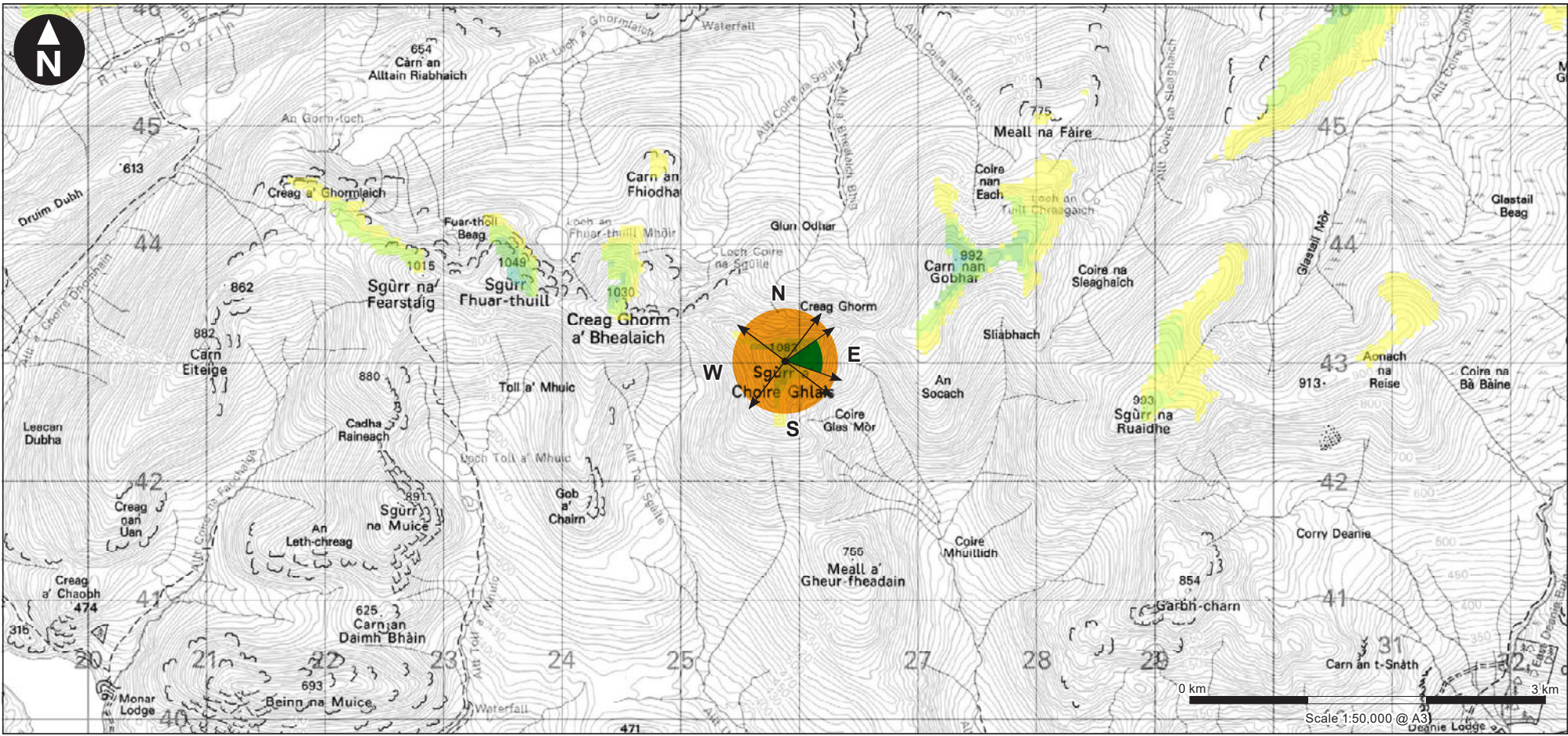
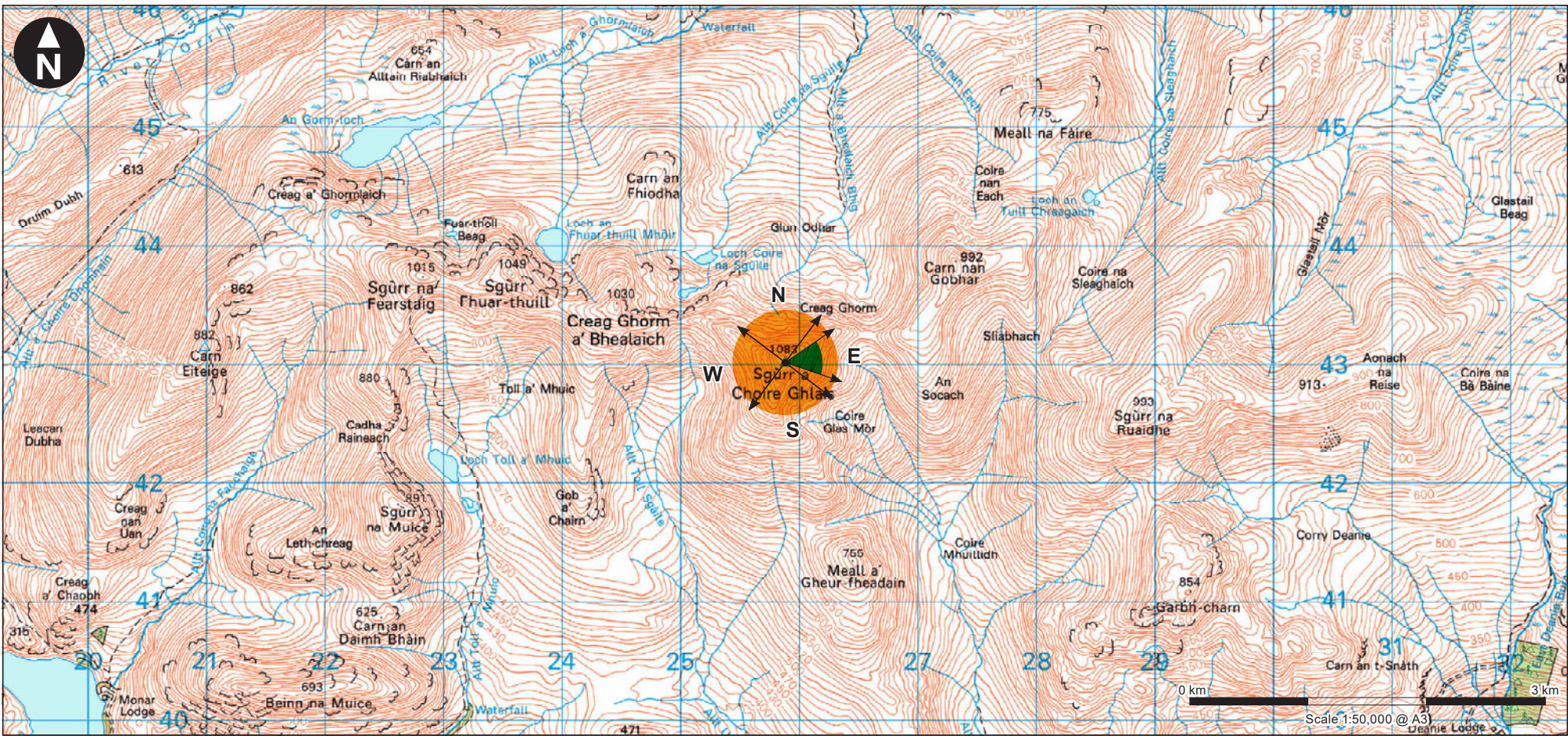
Ballach Wind Farm
EIA Report

Figure 6.32h
Viewpoint 15:
Meall a 'Mhadaibh

View flat at a comfortable arm's length

June 2025





Viewpoint Parameters

OS reference:	E225 878, N843 015
Ground Level Elevation:	1,083m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	77°
Distance to nearest turbine:	15,200m
Number of blade tips theoretically visible ⁴ :	15
Number of hubs theoretically visible ⁴ :	5
Date and time of viewpoint photography:	18/01/2025 @ 15:25
Camera:	Sony ILCE-9
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: LBALLACH005.WFL
 - Hub height: 149m / 119m
 - Rotor diameter: 162m
 - Height to blade tip: 230m / 200m
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).



Ballach Wind Farm
EIA Report

**Figure 6.33a
Viewpoint 16:
Sgùrr a' Choire Ghlais**

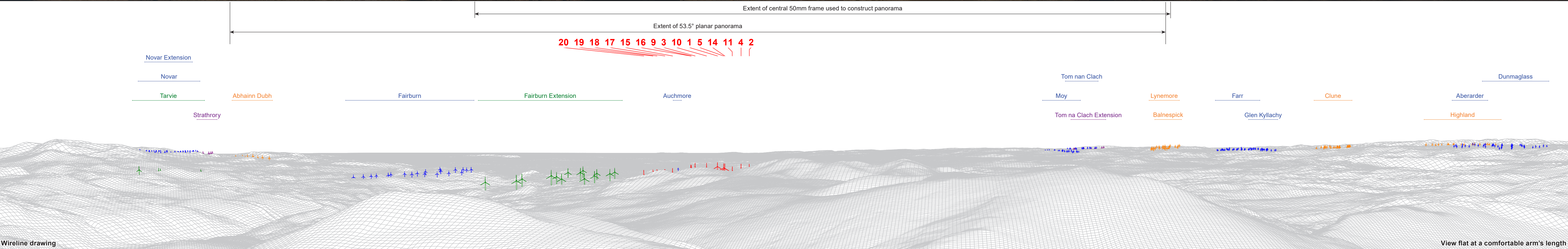
June 2025





Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

Note: Turbines 3 and 14 would be lit at the hub with a visible red aviation warning light.			OS reference: E225 878, N843 015		Horizontal field of view: 90° (cylindrical projection)		Camera: Sony ILCE-9		Client		Ballach Wind Farm EIA Report		Figure 6.33b Viewpoint 16: Sgùrr a' Choire Ghlais		June 2025	
Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping			Eye level: 1,084.5m AOD		Principal distance: 522mm		Lens: 50mm (Canon 50mm f/1.2)									
			Direction of view: 82°		Paper size: 841mm x 297mm (half A1)		Camera height: 1.5m AGL									
			Nearest turbine: 15,200m		Correct printed image size: 820 x 130mm		Date and time: 18/01/2025 @ 15:25									

South view

Baseline photograph

This image provides landscape and visual context only

Extent of central 50mm frame used to construct panorama

Bhlaraidh Extension

Cloiche

Corriegarth

Loch Liath

Chrathaich

Millennium

Beinneun

Corriegarth 2

Stronelairg

Corrimony

Culachy

Millennium South

Beinneun Extension

De

Bhlaraidh

Tomchrasky

Wireline drawing

View flat at a comfortable arm's length

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E225 878, N843 015	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-9
Eye level:	1,084.5m AOD	Principal distance:	522mm	Lens:	50mm (Canon 50mm f/1.2)
Direction of view:	172°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	15,200m	Correct printed image size:	820 x 130mm	Date and time:	18/01/2025 @ 15:25

Client 

Ballach Wind Farm
EIA Report

Figure 6.33c
Viewpoint 16:
Sgùrr a' Choire Ghlais

June 2025



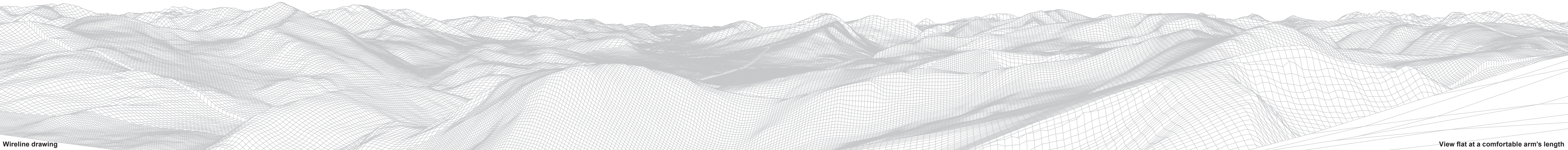
West view



Baseline photograph

This image provides landscape and visual context only

Extent of central 50mm frame used to construct panorama



Wireline drawing

View flat at a comfortable arm's length

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E225 878, N843 015	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-9
Eye level:	1,084.5m AOD	Principal distance:	522mm	Lens:	50mm (Canon 50mm f/1.2)
Direction of view:	262°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	15,200m	Correct printed image size:	820 x 130mm	Date and time:	18/01/2025 @ 15:25

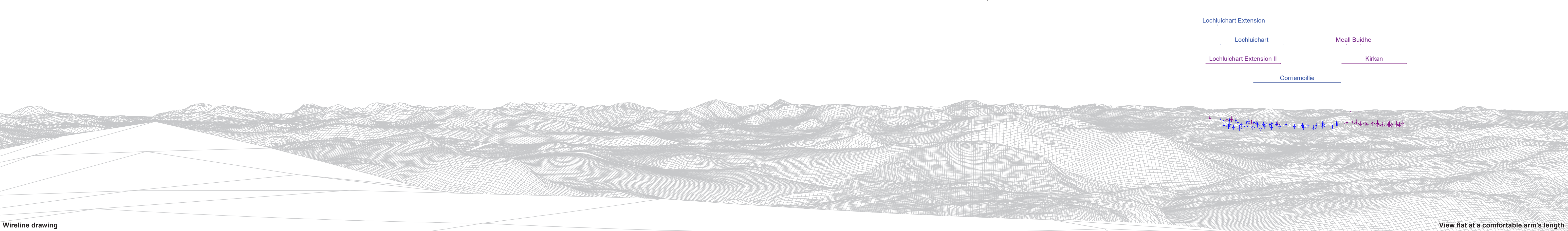
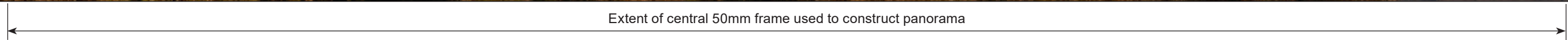


Client
Ballach Wind Farm
EIA Report

Figure 6.33d
Viewpoint 16:
Sgùrr a' Choire Ghlais

June 2025

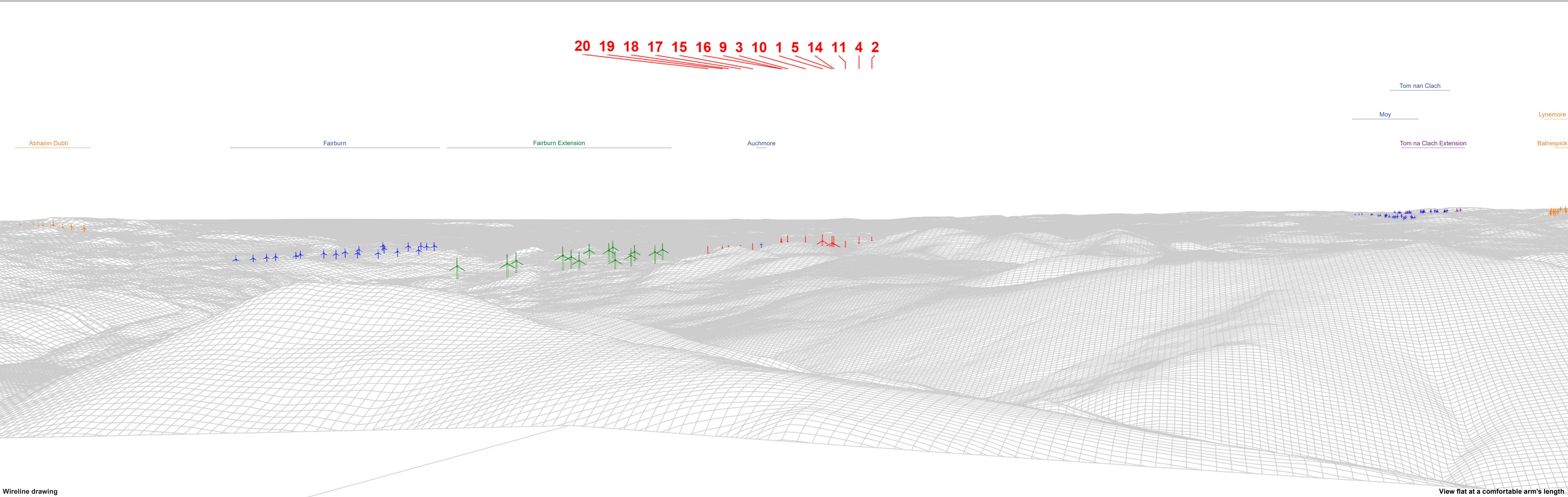




Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping					OS reference: E225 878, N843 015					Horizontal field of view: 90° (cylindrical projection)					Camera: Sony ILCE-9					Client					Ballach Wind Farm EIA Report					Figure 6.33e Viewpoint 16: Sgùrr a' Choire Ghlais					June 2025														
					Eye level: 1,084.5m AOD					Principal distance: 522mm					Lens: 50mm (Canon 50mm f/1.2)																																		
					Direction of view: 352°					Paper size: 841mm x 297mm (half A1)					Camera height: 1.5m AGL																																		
					Nearest turbine: 15,200m					Correct printed image size: 820 x 130mm					Date and time: 18/01/2025 @ 15:25																																		

Figure 6.33a-h: VP16 Sgùrr a' Choire Ghlais UK0037862_3719-WSPE-FG-SA-00045_R3
Originator: UKCW775

Figure 6.33a-h VP16 Sgùrr a' Choire Ghlais UK0037862_3719-WSPE-FG-SA-00045_R3 Originator: UKCGW775



Wireline drawing

Note: Turbines 3 and 14 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E225 878, N843 015	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-9
Eye level:	1,084.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Canon 50mm f/1.2)
Direction of view:	82°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	15,200m	Correct printed image size:	820 x 260mm	Date and time:	18/01/2025 @ 15:25



Client
Ballach Wind Farm
EIA Report

Figure 6.33f
Viewpoint 16:
Sgùrr a' Choire Ghlais

June 2025



View flat at a comfortable arm's length

Figure 6.33a-h VP16 Sgùrr a' Choire Ghlais UK0037862_3719-WSPE-FG-SA-00045_R3 Originator: UKCGW775



Photomontage

View flat at a comfortable arm's length

OS reference:	E225 878, N843 015	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-9
Eye level:	1,084.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Canon 50mm f/1.2)
Direction of view:	82°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	15,200m	Correct printed image size:	820 x 260mm	Date and time:	18/01/2025 @ 15:25



Client
Ballach Wind Farm
EIA Report

Figure 6.33g
Viewpoint 16:
Sgùrr a' Choire Ghlais

June 2025





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:	E225 878, N843 015	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-9
Eye level:	1,084.5m AOD	Principal distance:	522mm	Lens:	50mm (Canon 50mm f/1.2)
Direction of view:	82°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	15,200m	Correct printed image size:	820 x 260mm	Date and time:	18/01/2025 @ 15:25

Client



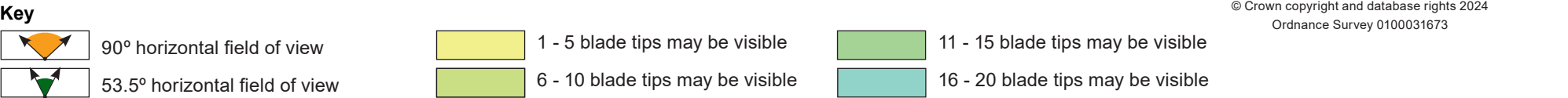
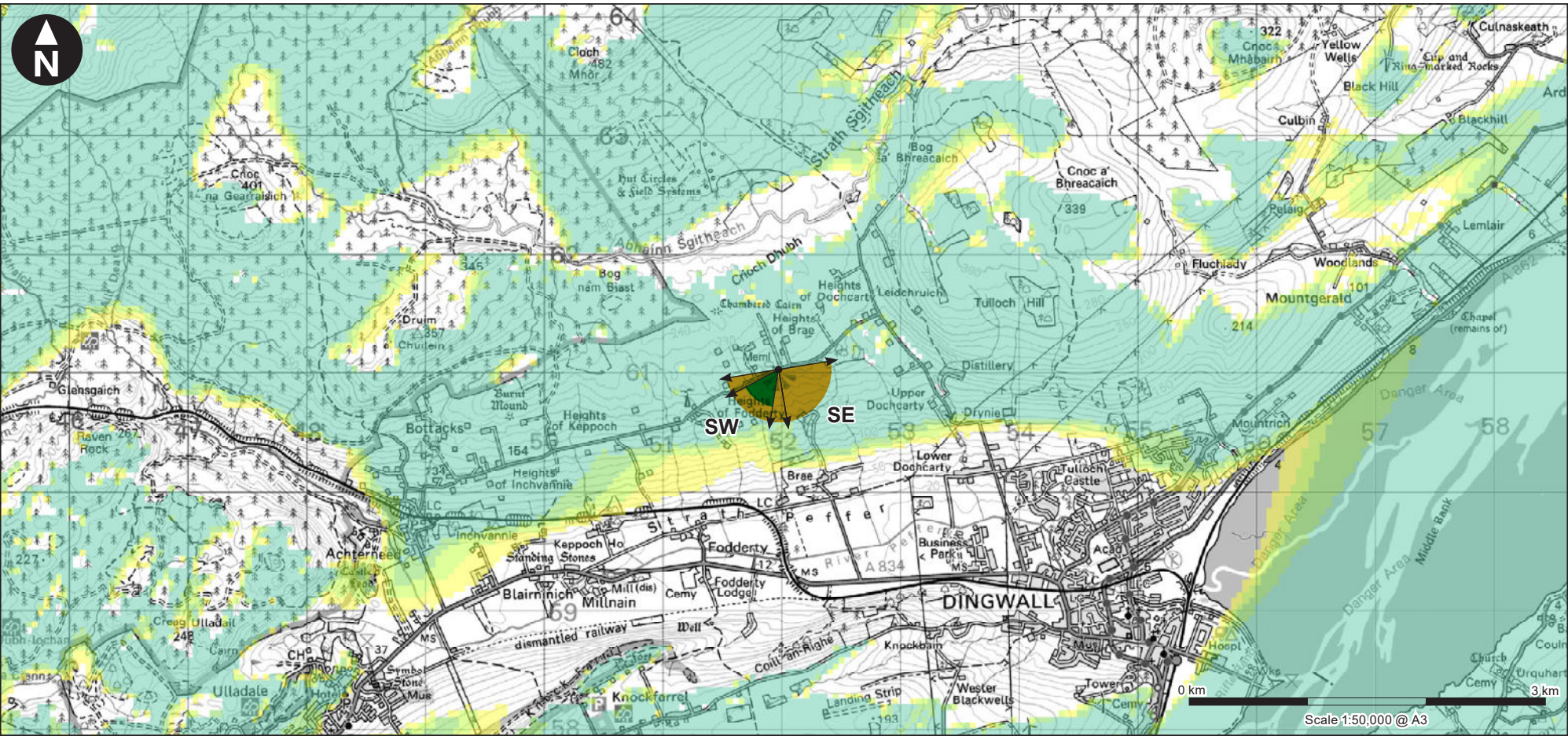
Ballach Wind Farm
EIA Report

Figure 6.33h
Viewpoint 16:
Sgùrr a' Choire Ghlais

View flat at a comfortable arm's length

June 2025





Viewpoint Parameters

OS reference:	E251 971, N861 028
Ground Level Elevation:	201m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	212°
Distance to nearest turbine:	15,204m
Number of blade tips theoretically visible ⁴ :	20
Number of hubs theoretically visible ⁴ :	19
Date and time of viewpoint photography:	18/09/2024 @ 08:00
Camera:	Sony ILCE-7RM3A
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: LBALLACH005.WFL
• Hub height: 149m / 119m
• Rotor diameter: 162m
• Height to blade tip: 230m / 200m
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).

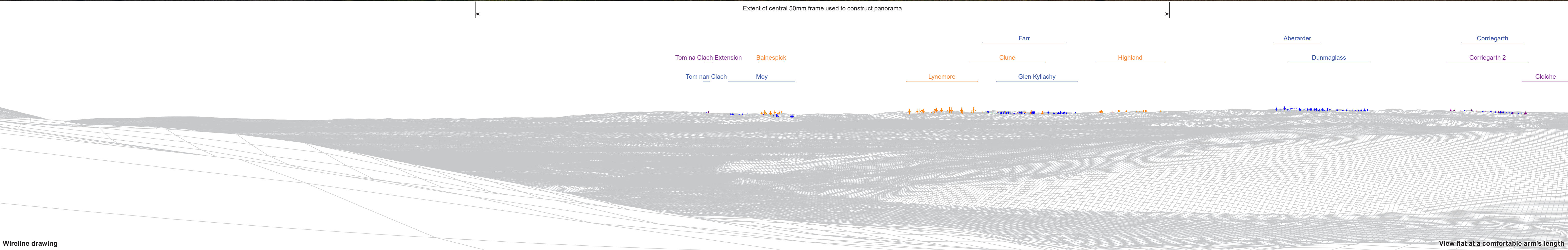


Ballach Wind Farm
EIA Report

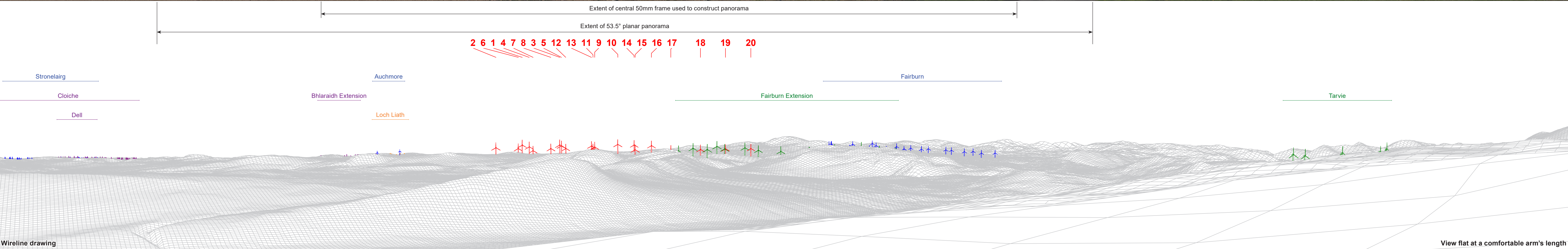
**Figure 6.34a
Viewpoint 17:
Heights of Brae**

June 2025



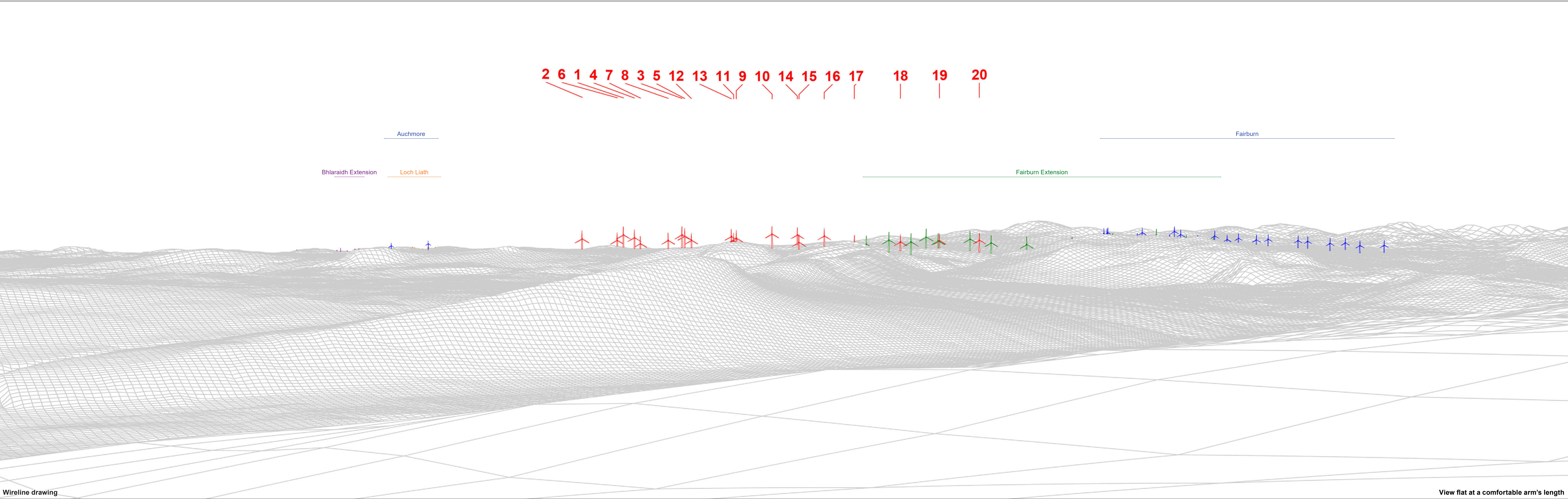


Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping			OS reference: E251 971, N861 028		Horizontal field of view: 90° (cylindrical projection)		Camera: Sony ILCE-7RM3A		Client		Ballach Wind Farm EIA Report		Figure 6.34b Viewpoint 17: Heights of Brae			
			Eye level: 202.5m AOD		Principal distance: 522mm		Lens: 50mm (Sony FE 50mm f/1.2 GM)									
			Direction of view: 126°		Paper size: 841mm x 297mm (half A1)		Camera height: 1.5m AGL									
			Nearest turbine: 15,204m		Correct printed image size: 820 x 130mm		Date and time: 18/09/2024 @ 08:00								June 2025	



Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping			OS reference: E251 971, N861 028 Eye level: 202.5m AOD Direction of view: 216° Nearest turbine: 15,204m		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 ILCE-7RM3A Lens: 50mm (Sony FE 50mm f/1.2 GM) Camera height: 1.5m AGL Date and time: 18/09/2024 @ 08:00		Client: EnergieKontor		Ballach Wind Farm EIA Report		Figure 6.34c Viewpoint 17: Heights of Brae		June 2025	
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Figure 6.34a-1 VPT Heights of Brae UK003762.3719-WSPE-FG-SA-00046_R6
Originator: UKCGW75



Wireline drawing

Note: Turbines 2, 3, 7, 14 and 20 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E251 971, N861 028	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A
Eye level:	202.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	216°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	15,204m	Correct printed image size:	820 x 260mm	Date and time:	18/09/2024 @ 08:00

Client		Ballach Wind Farm EIA Report	Figure 6.34d Viewpoint 17: Heights of Brae	June 2025	
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Figure 6.34a-1 View 17 Heights of Brae UK003762.3719-WSPE-FG-SA-0040_R6 Originator: UKCGW775



Photomontage

View flat at a comfortable arm's length

OS reference:	E251 971, N861 028	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A
Eye level:	202.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	216°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	15,204m	Correct printed image size:	820 x 260mm	Date and time:	18/09/2024 @ 08:00



Client
Ballach Wind Farm
EIA Report

Figure 6.34e
Viewpoint 17:
Heights of Brae

June 2025





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:	E251 971, N861 028	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-7RM3A
Eye level:	202.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	216°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	15,204m	Correct printed image size:	820 x 260mm	Date and time:	18/09/2024 @ 08:00



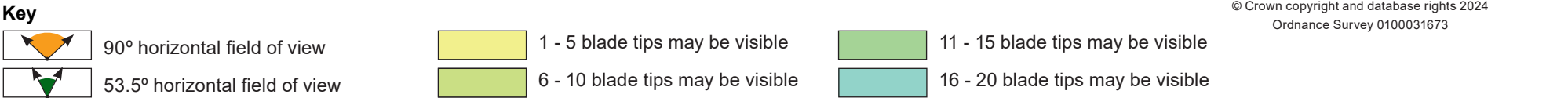
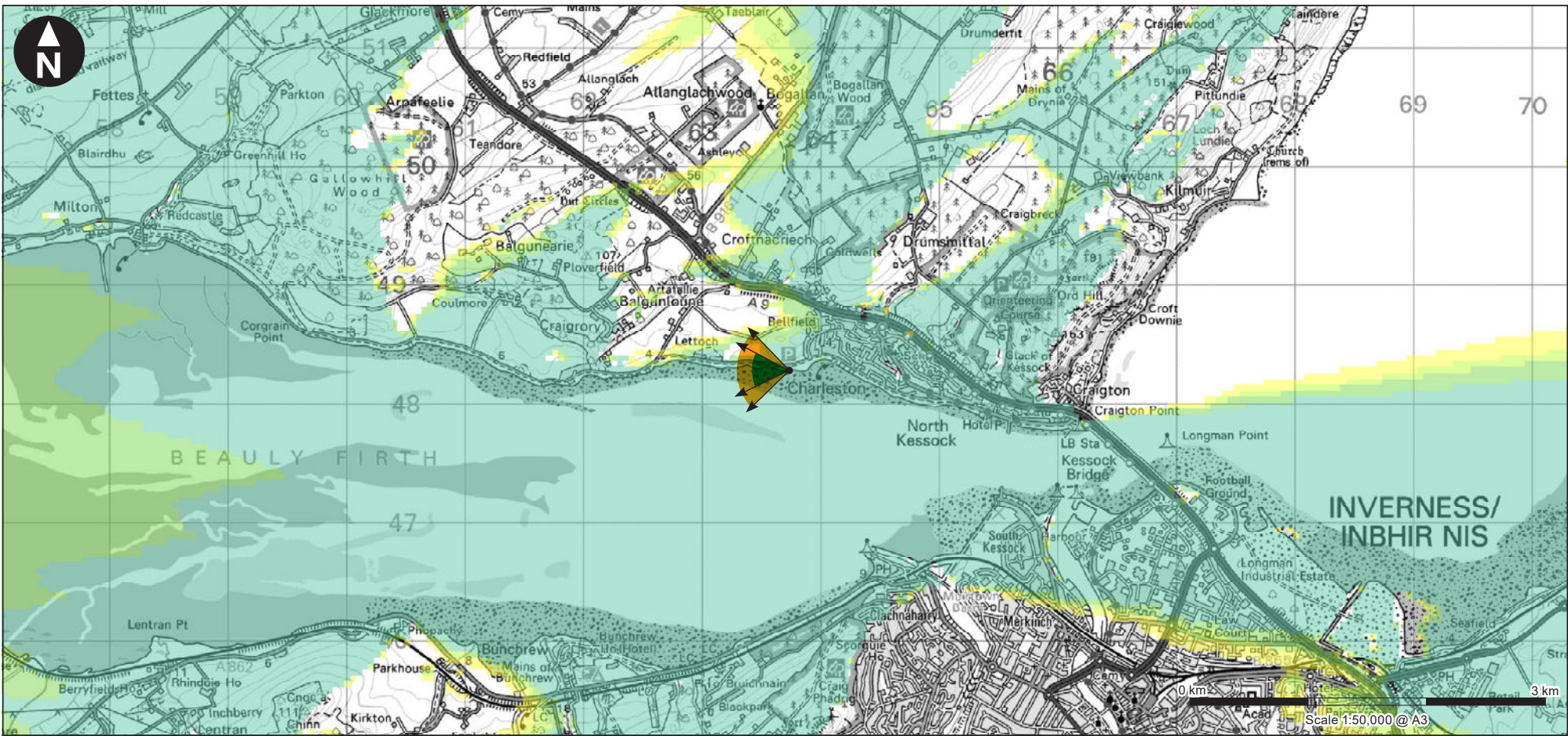
Client
Ballach Wind Farm
EIA Report

Figure 6.34f
Viewpoint 17:
Heights of Brae

View flat at a comfortable arm's length

June 2025





Viewpoint Parameters

OS reference:	E263 734, N848 277
Ground Level Elevation:	9m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	267°
Distance to nearest turbine:	18,769m
Number of blade tips theoretically visible ⁴ :	20
Number of hubs theoretically visible ⁴ :	16
Date and time of viewpoint photography:	18/09/2024 @ 12:30
Camera:	Sony ILCE-7RM3A
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: LBALLACH005.WFL
• Hub height: 149m / 119m
• Rotor diameter: 162m
• Height to blade tip: 230m / 200m
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



Ballach Wind Farm
EIA Report

Figure 6.35a
Viewpoint 18:
Knockbain - Torgorm

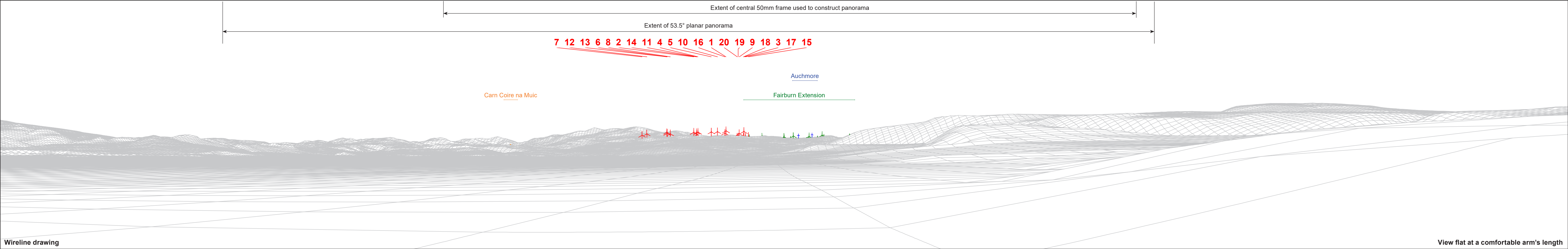
June 2025





Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

Note: Turbines 2, 3, 7 and 14 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E263 734, N848 277	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-7RM3A
Eye level:	10.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	271°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	18,769m	Correct printed image size:	820 x 130mm	Date and time:	18/09/2024 @ 12:30



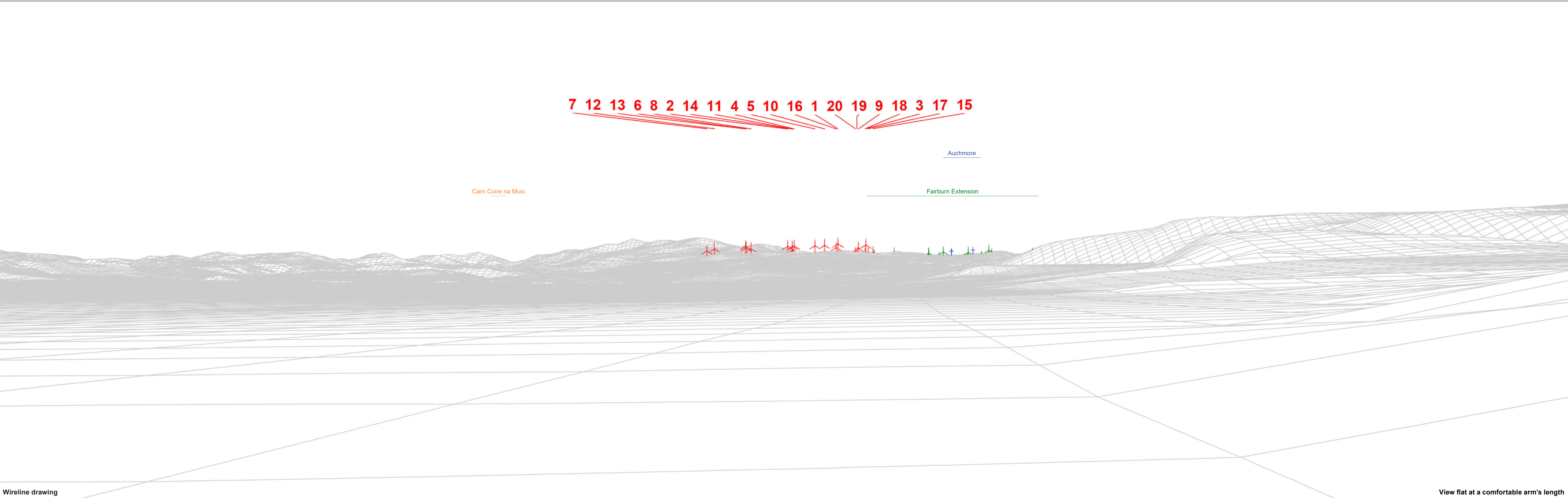
Client
Ballach Wind Farm
EIA Report

Figure 6.35b
Viewpoint 18:
Knockbain - Torgorm

June 2025



Figure 6.35a.e \VP18 Knockbain UK0037662 3719-4\WSP-EFG-SA-00047_RS Originator: UKGWN75



Wireline drawing

Note: Turbines 2, 3, 7 and 14 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E263 734, N848 277	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A
Eye level:	10.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	271°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	18,769m	Correct printed image size:	820 x 260mm	Date and time:	18/09/2024 @ 12:30



Client
Ballach Wind Farm
EIA Report

Figure 6.35c
Viewpoint 18:
Knockbain - Torgorm

View flat at a comfortable arm's length

June 2025



Figure 6.35a.e VPI8 Knockbain UK0037662 2718-WSP-EFG-SA-00047_RS
Originator: UKGNW775



Photomontage

View flat at a comfortable arm's length

OS reference:	E263 734, N848 277	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A
Eye level:	10.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	271°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	18,769m	Correct printed image size:	820 x 260mm	Date and time:	18/09/2024 @ 12:30



Client
Ballach Wind Farm
EIA Report

Figure 6.35d
Viewpoint 18:
Knockbain - Torgorm

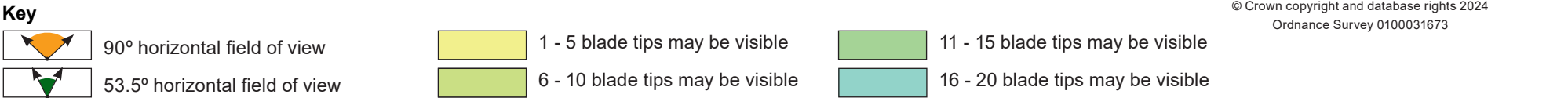
June 2025



Figure 6.35a-e VP18 Knockbain UK0037662 3716-WSP-E-EG-SA-00047_RS
Originator: UKGWN775



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:	E263 734, N848 277	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-7RM3A	Client EnergieKontor	Ballach Wind Farm EIA Report	Figure 6.35e Viewpoint 18: Knockbain - Torgorm	June 2025 WSP
				Eye level:	10.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)				
				Direction of view:	271°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL				
				Nearest turbine:	18,769m	Correct printed image size:	820 x 260mm	Date and time:	18/09/2024 @ 12:30				



Viewpoint Parameters

OS reference:	E264 093, N846 284
Ground Level Elevation:	2m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	272°
Distance to nearest turbine:	19,089m
Number of blade tips theoretically visible ⁴ :	20
Number of hubs theoretically visible ⁴ :	15
Date and time of viewpoint photography:	18/09/2024 @ 13:50
Camera:	Sony ILCE-7RM3A
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: LBALLACH005.WFL
 - Hub height: 149m / 119m
 - Rotor diameter: 162m
 - Height to blade tip: 230m / 200m
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).



Ballach Wind Farm
EIA Report

**Figure 6.36a
Viewpoint 19:
A862, Clachnaharry**

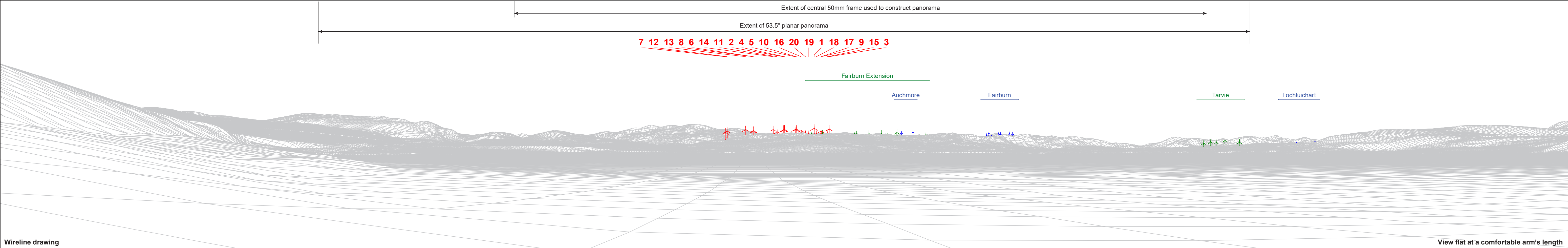
June 2025





Baseline photograph

This image provides landscape and visual context only

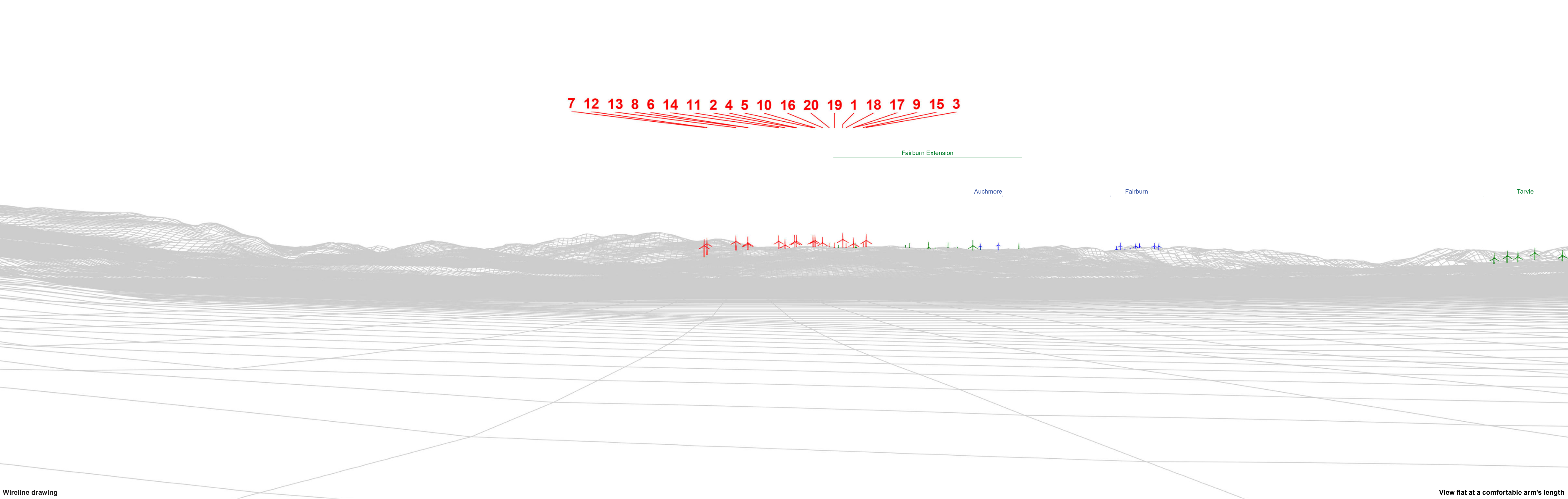


Wireline drawing

View flat at a comfortable arm's length

Note: Turbines 2, 3, 7 and 14 would be lit at the hub with a visible red aviation warning light.			OS reference: E264 093, N846 284		Horizontal field of view: 90° (cylindrical projection)		Camera: Sony ILCE-7RM3A		Client		Ballach Wind Farm EIA Report		Figure 6.36b Viewpoint 19: A862, Clachnaharry		June 2025	
Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping			Eye level: 3.5m AOD		Principal distance: 522mm		Lens: 50mm (Sony FE 50mm f/1.2 GM)									
			Direction of view: 276°		Paper size: 841mm x 297mm (half A1)		Camera height: 1.5m AGL									
			Nearest turbine: 19,089m		Correct printed image size: 820 x 130mm		Date and time: 18/09/2024 @ 13:50									

Figure 6.36a-e VP19 Clachnaharry UK0037662.3719-WSFE-FG-SA-00048_RS Originator: UKCGW775



Wireline drawing

Note: Turbines 2, 3, 7 and 14 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E264 093, N846 284	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A
Eye level:	3.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	276°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	19,089m	Correct printed image size:	820 x 260mm	Date and time:	18/09/2024 @ 13:50



Client
Ballach Wind Farm
EIA Report

Figure 6.36c
Viewpoint 19:
A862, Clachnaharry

View flat at a comfortable arm's length

June 2025



Figure 6.36a Viewpoint 19 Clachnaharry UK037662.3719-WSPFE-FG-SA-00048_RS Originator: UKCGW775



Photomontage

View flat at a comfortable arm's length

OS reference:	E264 093, N846 284	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A
Eye level:	3.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	276°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	19,089m	Correct printed image size:	820 x 260mm	Date and time:	18/09/2024 @ 13:50



Client
Ballach Wind Farm
EIA Report

Figure 6.36d
Viewpoint 19:
A862, Clachnaharry

June 2025





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:	E264 093, N846 284	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-7RM3A
Eye level:	3.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	276°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	19,089m	Correct printed image size:	820 x 260mm	Date and time:	18/09/2024 @ 13:50



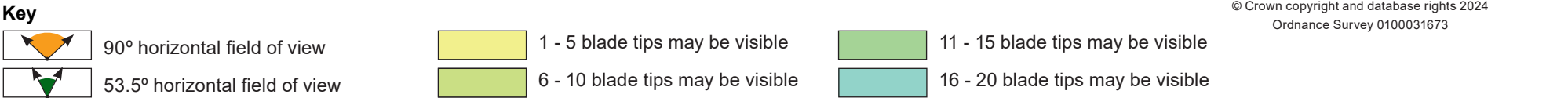
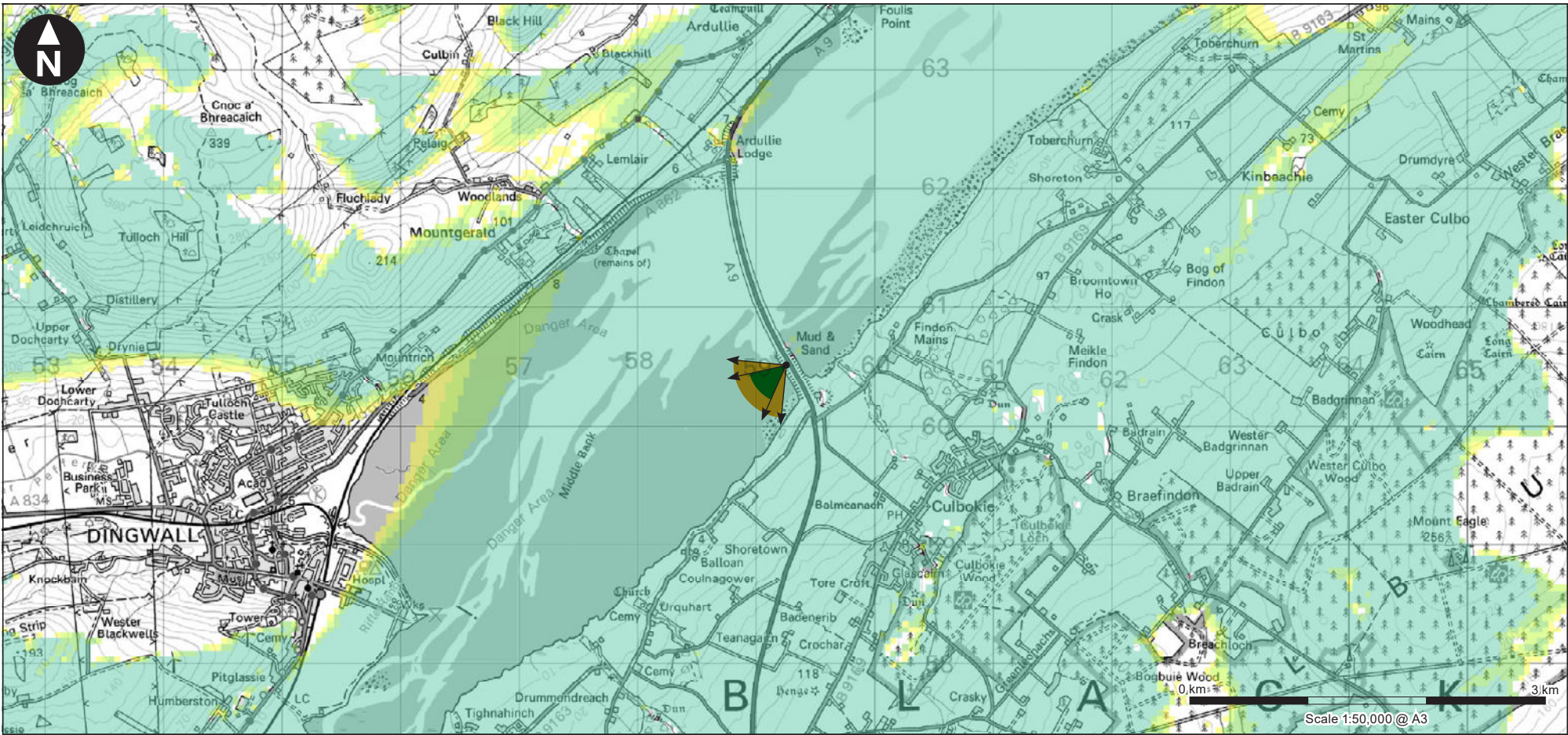
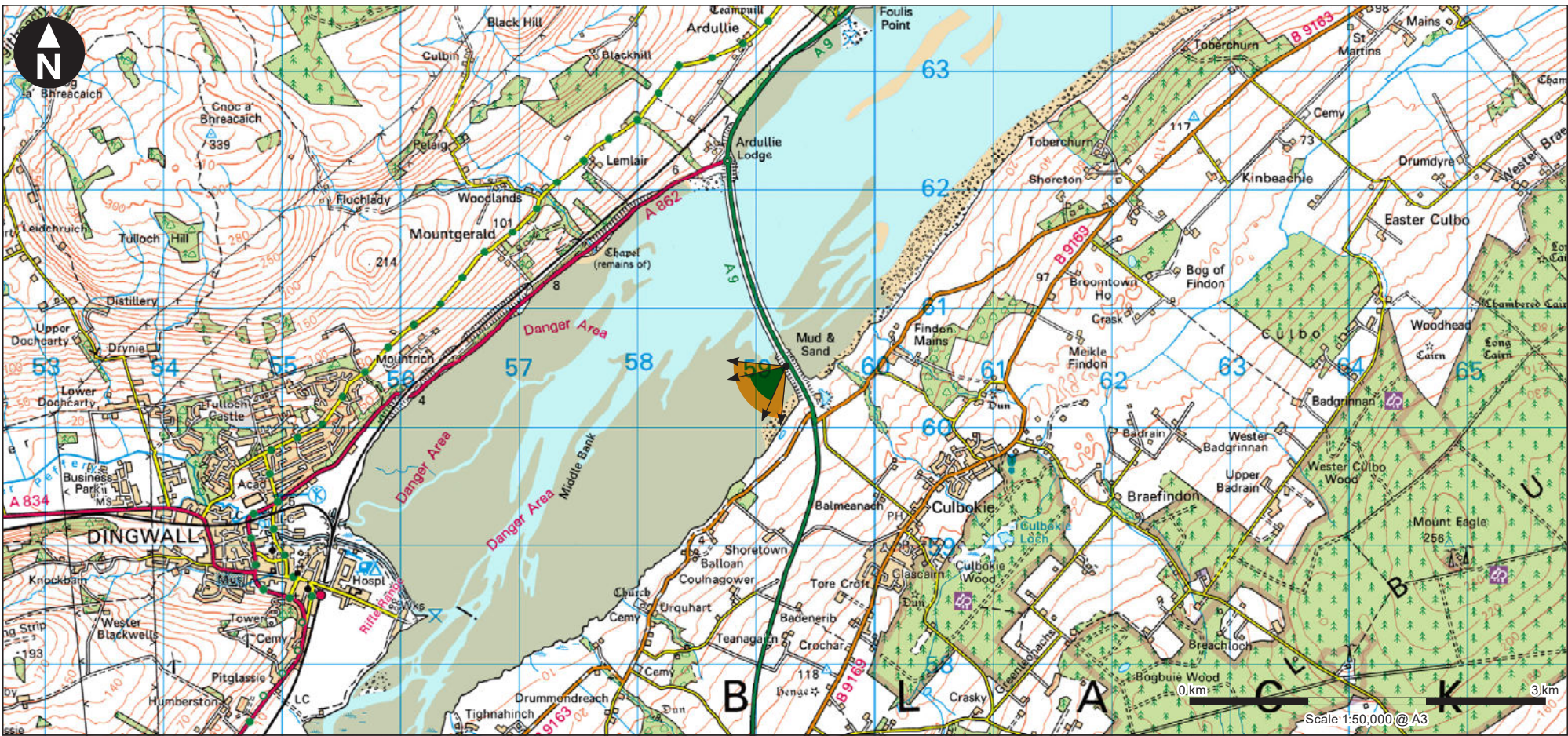
Client
Ballach Wind Farm
EIA Report

Figure 6.36e
Viewpoint 19:
A862, Clachnaharry

View flat at a comfortable arm's length

June 2025





Viewpoint Parameters

OS reference:	E259 259, N860 510
Ground Level Elevation:	21m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	230°
Distance to nearest turbine:	19,390m
Number of blade tips theoretically visible ⁴ :	20
Number of hubs theoretically visible ⁴ :	18
Date and time of viewpoint photography:	18/09/2024 @ 10:50
Camera:	Sony ILCE-7RM3A
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: LBALLACH005.WFL
• Hub height: 149m / 119m
• Rotor diameter: 162m
• Height to blade tip: 230m / 200m
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).



Ballach Wind Farm
EIA Report

**Figure 6.37a
Viewpoint 20:
A9, Cromarty Firth**

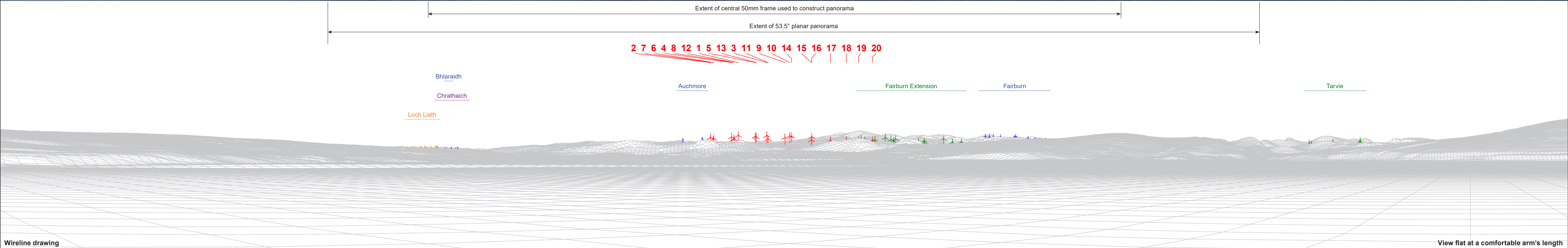
June 2025





Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

Note: Turbines 2, 3, 7, 14, 17 and 20 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E259 259, N860 510	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-7RM3A
Eye level:	22.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	231°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	19,390m	Correct printed image size:	820 x 130mm	Date and time:	18/09/2024 @ 10:50



Client
Ballach Wind Farm
EIA Report

Figure 6.37b
Viewpoint 20:
A9, Cromarty Firth

June 2025



Figure 6.37a: VP20 A9 Cromarty Firth UK0037682.3719-VSPE-FG-SA-0049_R3
Originator: UKCGW775



Photomontage

View flat at a comfortable arm's length

OS reference:	E259 259, N860 510	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A
Eye level:	22.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	231°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	19,390m	Correct printed image size:	820 x 260mm	Date and time:	18/09/2024 @ 10:50



Client
Ballach Wind Farm
EIA Report

Figure 6.37d
Viewpoint 20:
A9, Cromarty Firth

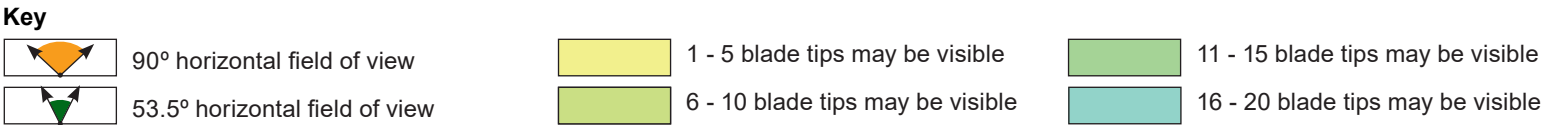
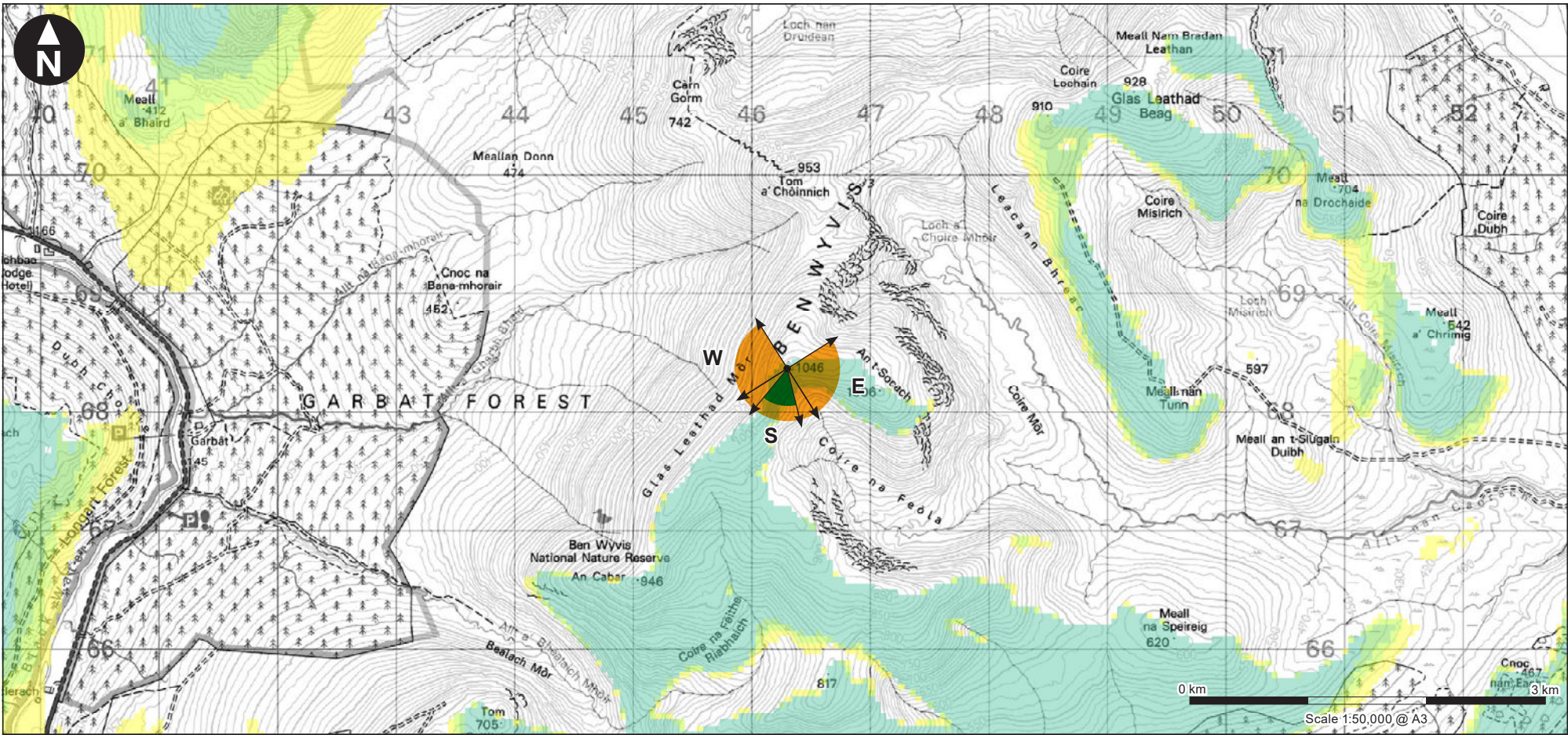
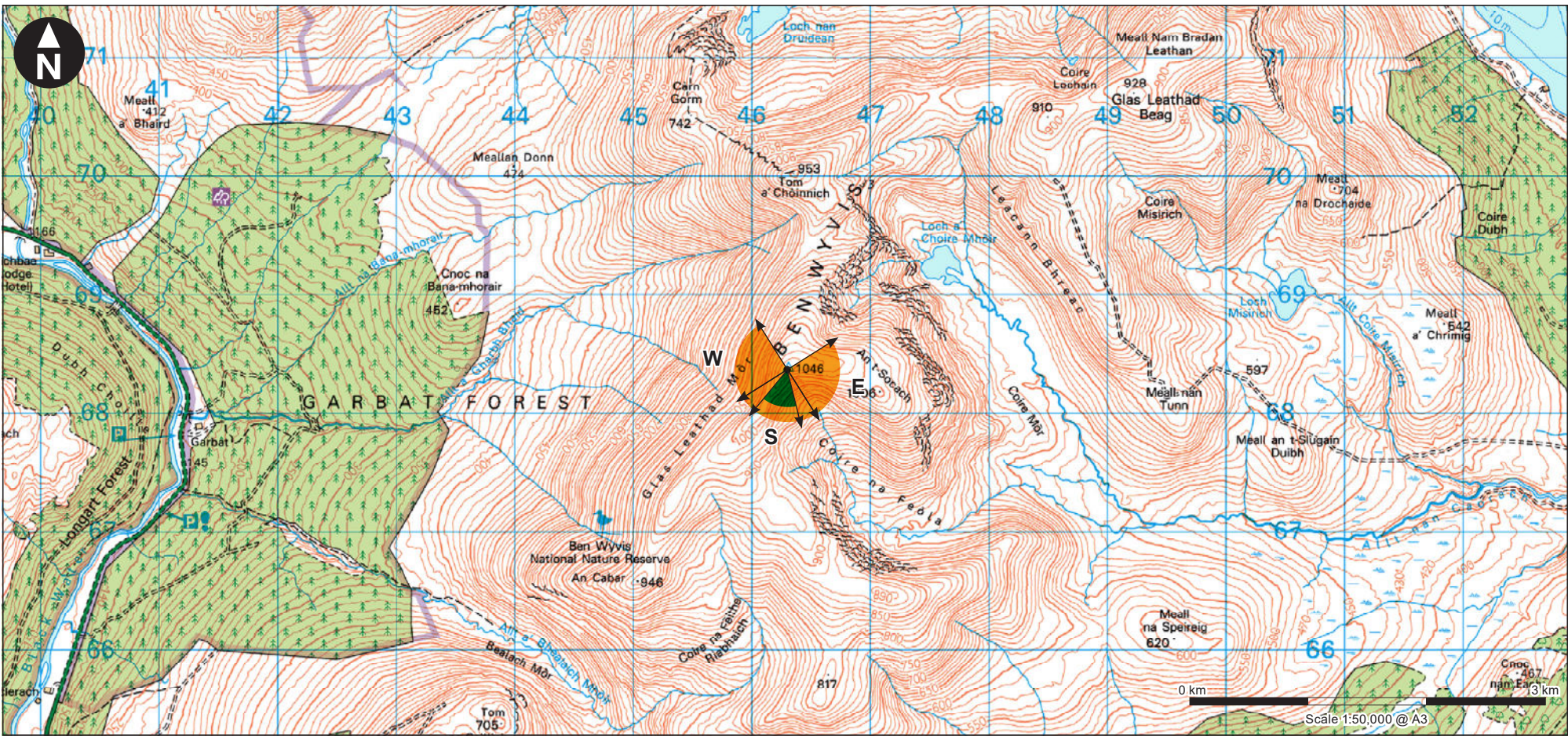
June 2025



Figure 6.37a-e VP20 A9 Cromarty Firth UK0037682.3719-VSPE-FG-SA-0049_R3
Originator: UKCGW75



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:	E259 259, N860 510	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-7RM3A	Client EnergieKontor	Ballach Wind Farm EIA Report	Figure 6.37e Viewpoint 20: A9, Cromarty Firth	June 2025 WSP
				Eye level:	22.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)				
				Direction of view:	231°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL				
				Nearest turbine:	19,390m	Correct printed image size:	820 x 260mm	Date and time:	18/09/2024 @ 10:50				



Viewpoint Parameters

OS reference:	E246 301, N868 366
Ground Level Elevation:	1,046m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	188°
Distance to nearest turbine:	20,607m
Number of blade tips theoretically visible ⁴ :	20
Number of hubs theoretically visible ⁴ :	20
Date and time of viewpoint photography:	12/11/2024 @ 10:05
Camera:	Sony ILCE-7RM3A
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;
- 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: LBALLACH005.WFL
 - Hub height: 149m / 119m
 - Rotor diameter: 162m
 - Height to blade tip: 230m / 200m
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

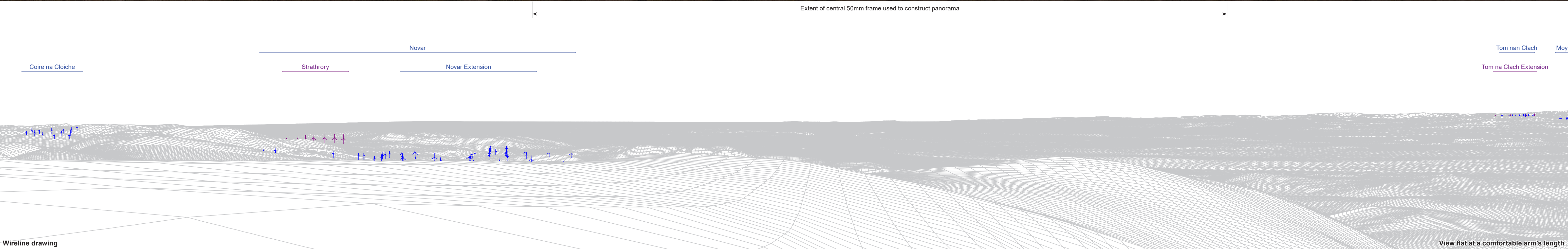


Ballach Wind Farm
EIA Report

Figure 6.38a
Viewpoint 21:
Ben Wyvis

June 2025



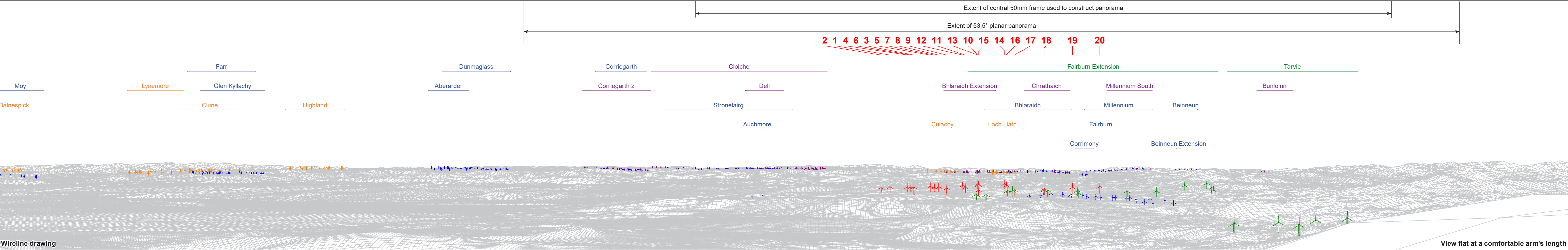


Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping			OS reference: E246 301, N868 366		Horizontal field of view: 90° (cylindrical projection)		Camera: Sony ILCE-7RM3A		Client:		Ballach Wind Farm EIA Report		Figure 6.38b Viewpoint 21: Ben Wyvis		June 2025	
			Eye level: 1,047.5m AOD		Principal distance: 522mm		Lens: 50mm (Sony FE 50mm f/1.2 GM)									
			Direction of view: 103°		Paper size: 841mm x 297mm (half A1)		Camera height: 1.5m AGL									
			Nearest turbine: 20.607m		Correct printed image size: 820 x 130mm		Date and time: 12/11/2024 @ 10:05									



Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

Note: Turbines 2, 3, 7, 14, 17 and 20 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

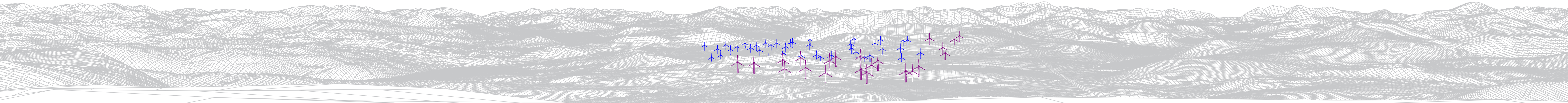
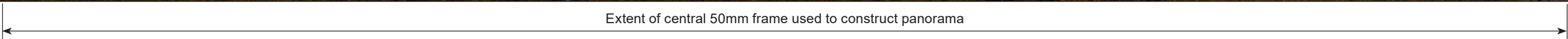
OS reference:	E246 301, N868 366	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-7RM3A
Eye level:	1,047.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	193°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	20,607m	Correct printed image size:	820 x 130mm	Date and time:	12/11/2024 @ 10:05

Client

Ballach Wind Farm
EIA Report

Figure 6.38c
Viewpoint 21:
Ben Wyvis

June 2025



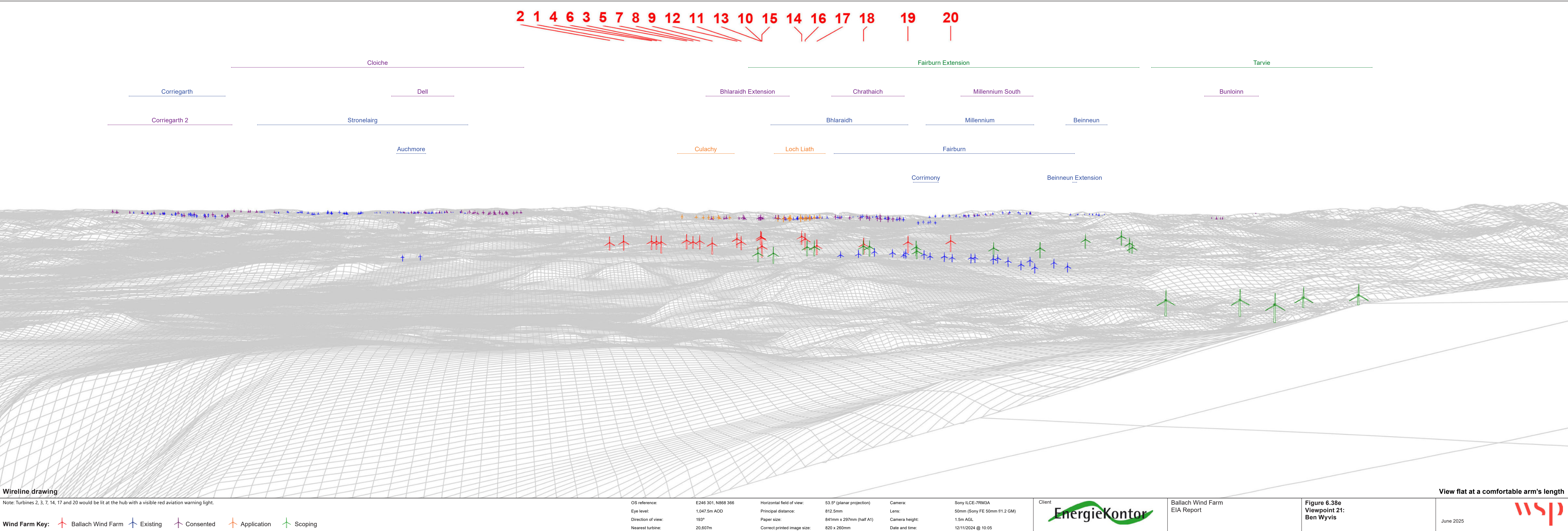
Wireline drawing

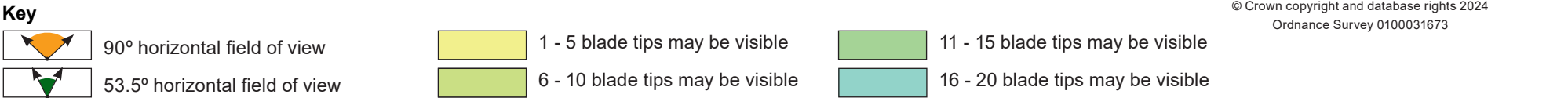
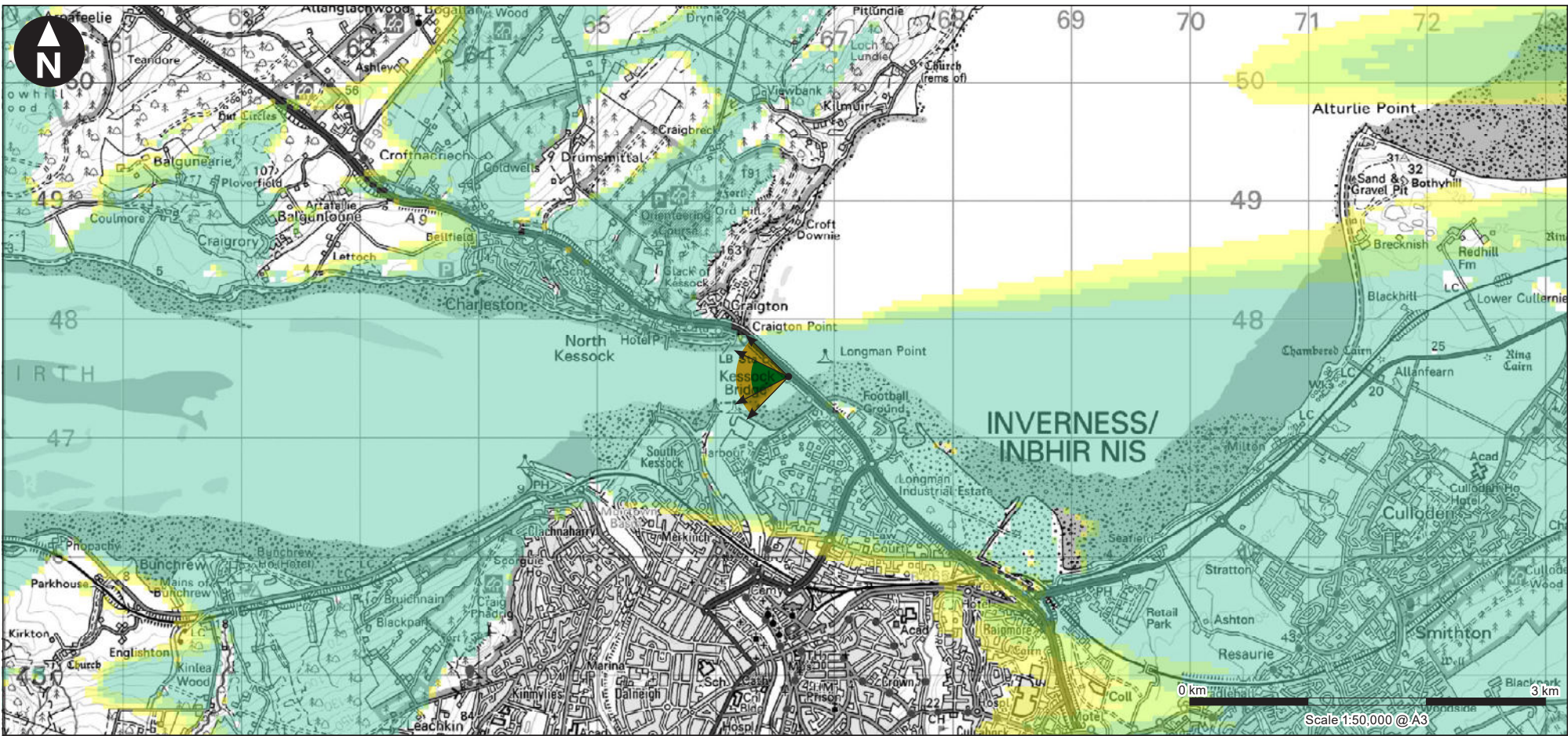
View flat at a comfortable arm's length

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping					OS reference: E246 301, N868 366 Eye level: 1,047.5m AOD Direction of view: 283° Nearest turbine: 20,607m		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 ILCE-7RM3A Lens: 50mm (Sony FE 50mm f/1.2 GM) Camera height: 1.5m AGL Date and time: 12/11/2024 @ 10:05		Client	Ballach Wind Farm EIA Report	Figure 6.38d Viewpoint 21: Ben Wyvis	June 2025	
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Figure 6.38a-e VP21 Ben Wyvis UK0037662-3719-WSP-EFG-SA-00050_R3 Originator: UKGWI75

Figure 6.38a-e VP21 Ben Wyvis UK0037662 3719-WSP-EFG-SA-00050_R3 Originator: UKG GW775





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Ordnance Survey 0100031673

Viewpoint Parameters

OS reference:	E266 618, N847 518
Ground Level Elevation:	29m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	269°
Distance to nearest turbine:	21,612m
Number of blade tips theoretically visible ⁴ :	20
Number of hubs theoretically visible ⁴ :	17
Date and time of viewpoint photography:	17/07/2024 @ 08:45
Camera:	Canon EOS 6D
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: LBALLACH005.WFL
• Hub height: 149m / 119m
• Rotor diameter: 162m
• Height to blade tip: 230m / 200m
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



Ballach Wind Farm
EIA Report

Figure 6.39a
Viewpoint 22:
A9, Kessock Bridge

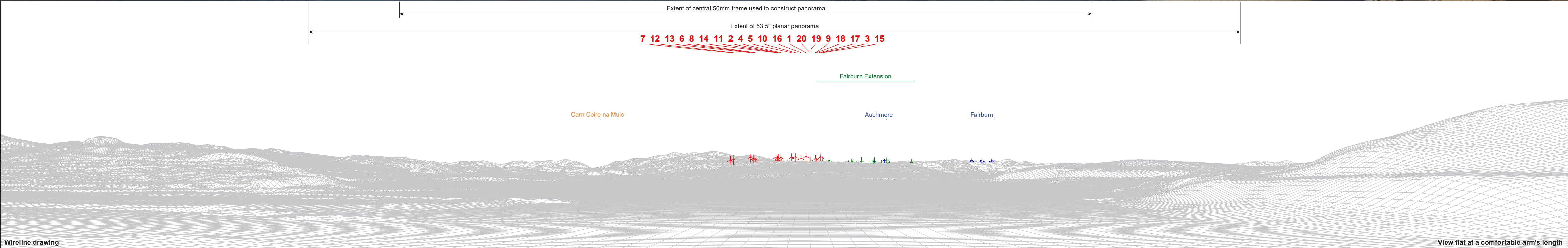
June 2025





Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

Note: Turbines 2, 3, 7, 14 and 20 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E266 618, N847 518	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 6D
Eye level:	30.5m AOD	Principal distance:	522mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	269°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	21,612m	Correct printed image size:	820 x 130mm	Date and time:	17/07/2024 @ 08:45



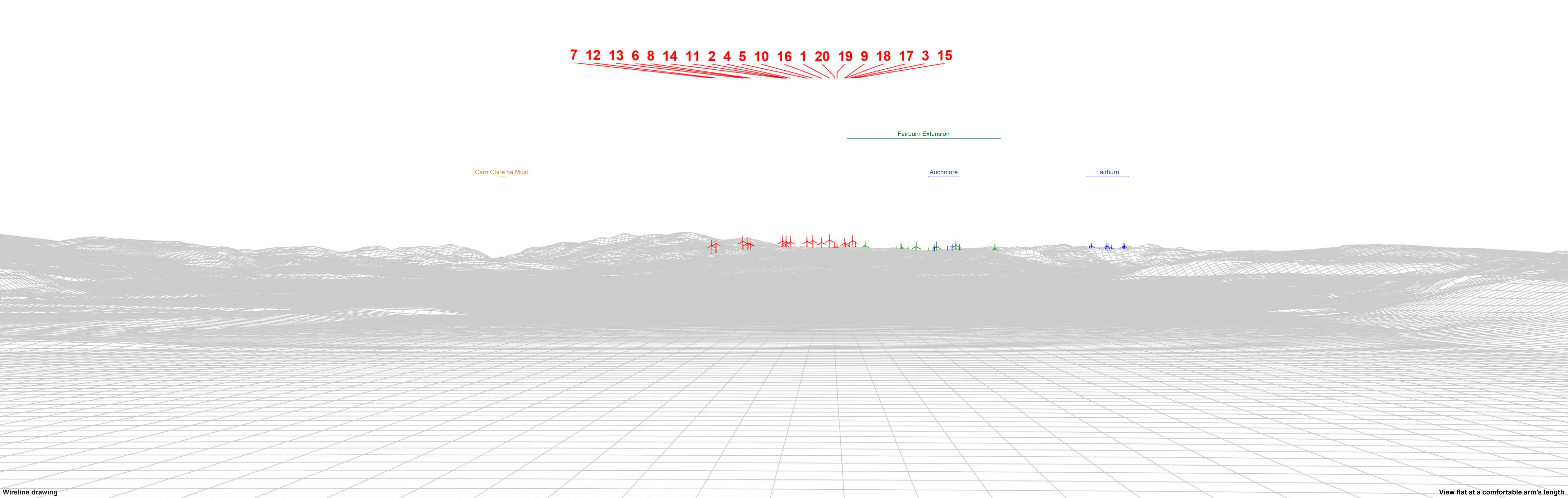
Client
Ballach Wind Farm
EIA Report

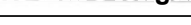
Figure 6.39b
Viewpoint 22:
A9, Kessock Bridge

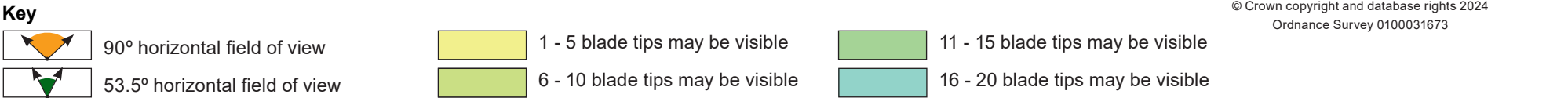
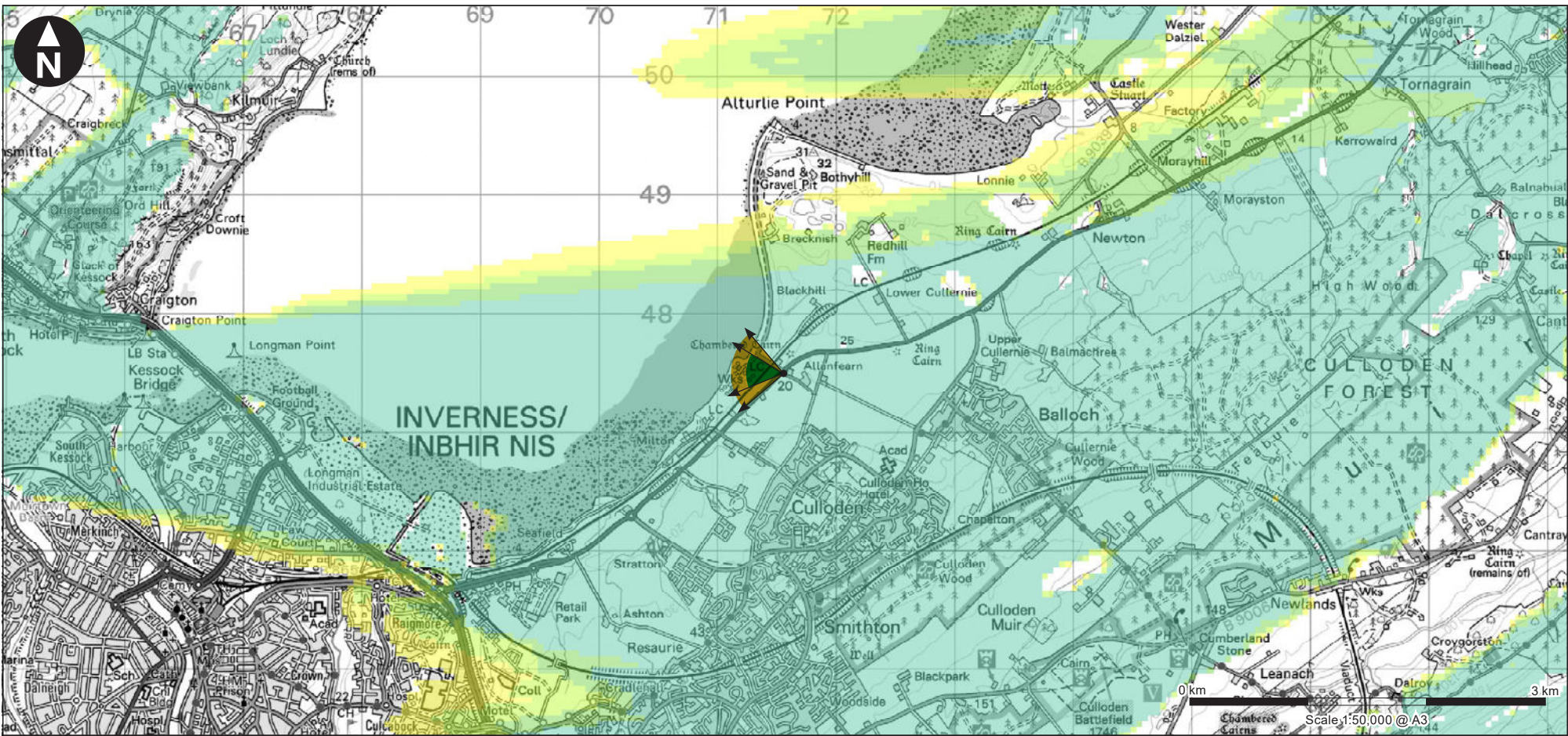
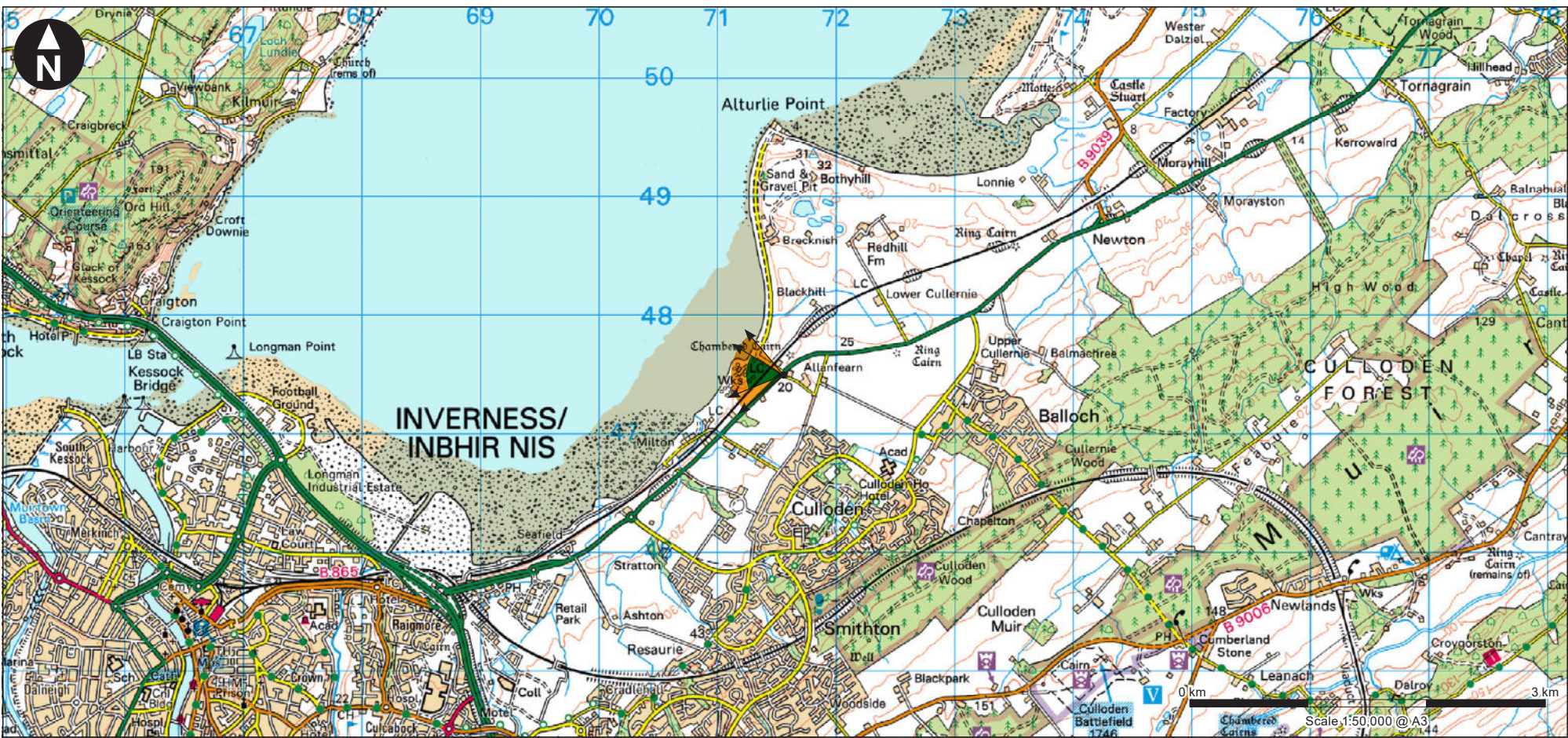
June 2025



Figure 6.39a-c_VP22_Kessock Bridge UK0037862.3719-WSPE-FG-SA-00051_R3
Originator: UKCGW75



Wireline drawing										View flat at a comfortable arm's length																					
Note: Turbines 2, 3, 7, 14 and 20 would be lit at the hub with a visible red aviation warning light.										OS reference:		E266 618, N847 518		Horizontal field of view:		53.5° (planar projection)		Camera:		Canon EOS 6D		Client		Ballach Wind Farm EIA Report		Figure 6.39c Viewpoint 22: A9, Kessock Bridge		June 2025			
Wind Farm Key:			Ballach Wind Farm			Existing			Consented			Application			Scoping		Eye level:		30.5m AOD		Principal distance:		812.5mm		Lens:		50mm (Canon EF 50mm f/1.8)		EnergieKontor		
																		Direction of view:		269°		Paper size:		841mm x 297mm (half A1)		Camera height:		1.5m AGL			
																		Nearest turbine:		21,612m		Correct printed image size:		820 x 260mm		Date and time:		17/07/2024 @ 08:45			



Viewpoint Parameters

OS reference:	E271 554, N847 495
Ground Level Elevation:	23m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	269°
Distance to nearest turbine:	26,546m
Number of blade tips theoretically visible ⁴ :	20
Number of hubs theoretically visible ⁴ :	20
Date and time of viewpoint photography:	18/09/2024 @ 14:30
Camera:	Sony ILCE-7RM3A
Lens:	50mm (Sony FE 50mm f/1.2 GM)

Information on the limitations of visualisations:

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- 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;
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- 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: LBALLACH005.WFL
• Hub height: 149m / 119m
• Rotor diameter: 162m
• Height to blade tip: 230m / 200m
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).



Ballach Wind Farm
EIA Report

Figure 6.40a
Viewpoint 23:
A96, Alturlie Junction

June 2025

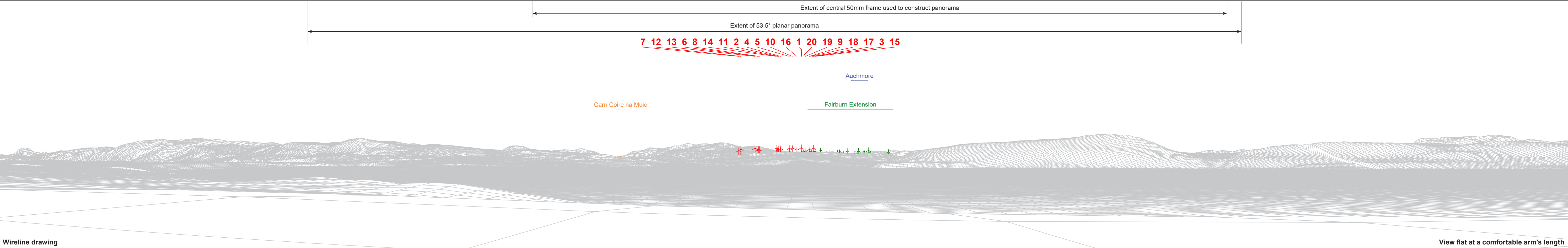
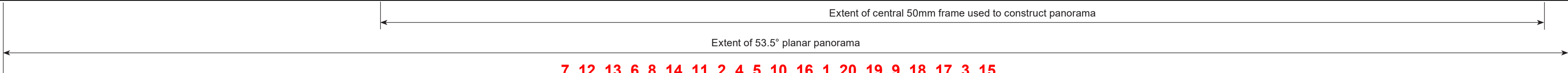




Baseline photograph

Millennium @ 12,547m

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

Note: Turbines 2, 3, 7, 14, 17 and 20 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E271 554, N847 495	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-7RM3A
Eye level:	24.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	275°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	26,546m	Correct printed image size:	820 x 130mm	Date and time:	18/09/2024 @ 14:30



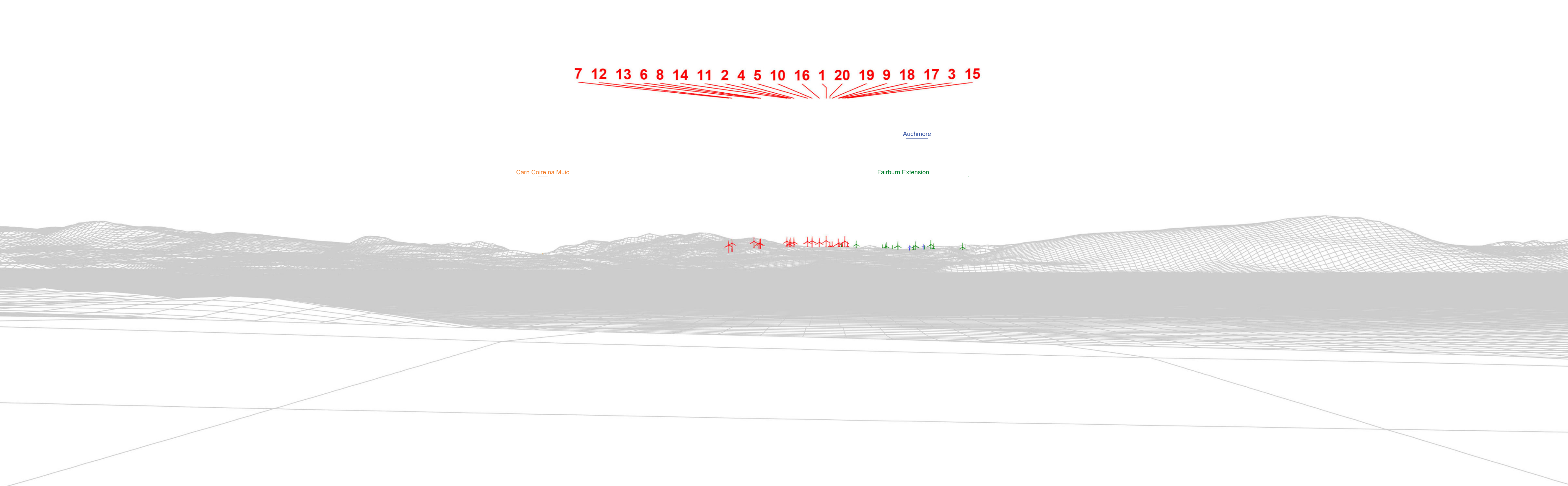
Client
Ballach Wind Farm
EIA Report

Figure 6.40b
Viewpoint 23:
A96, Alturlie Junction

June 2025



Figure 6.40a-c_VP23_A96 Alturlie UK003762.3719-WSPE-FG-SA-00052_R2 Originator: UKCGW775



Wireline drawing
Note: Turbines 2, 3, 7, 14, 17 and 20 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key:	Ballach Wind Farm	Existing	Consented	Application	Scoping
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OS reference:	E271 554, N847 495	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A
Eye level:	24.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	275°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	26,546m	Correct printed image size:	820 x 260mm	Date and time:	18/09/2024 @ 14:30

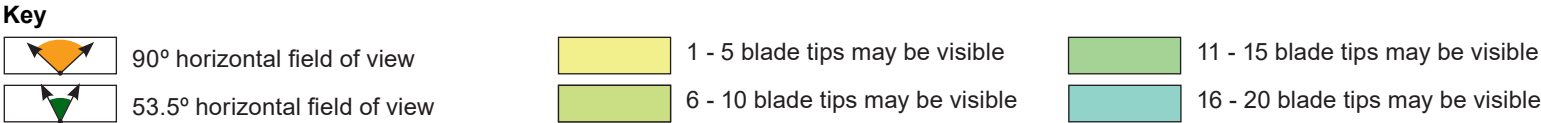
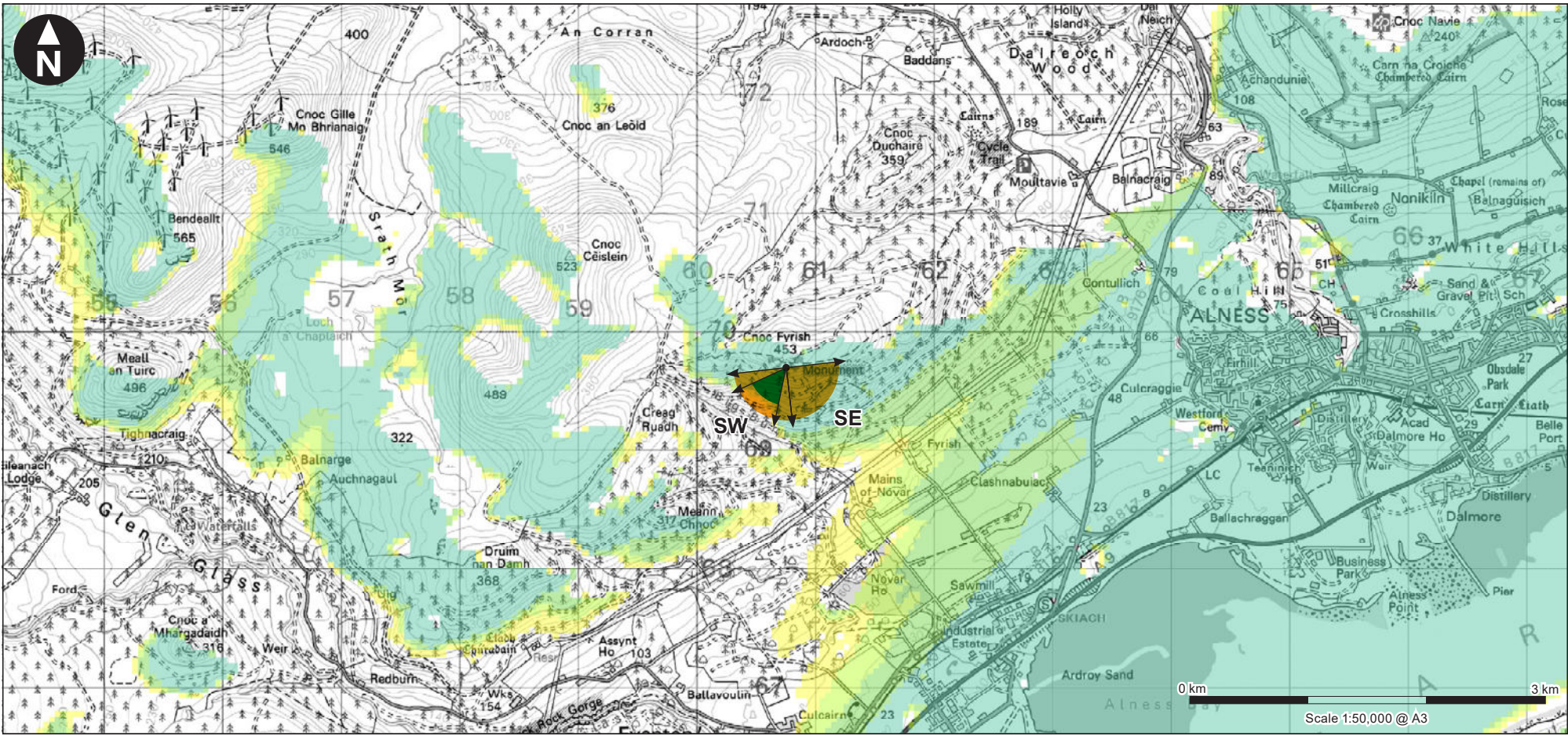
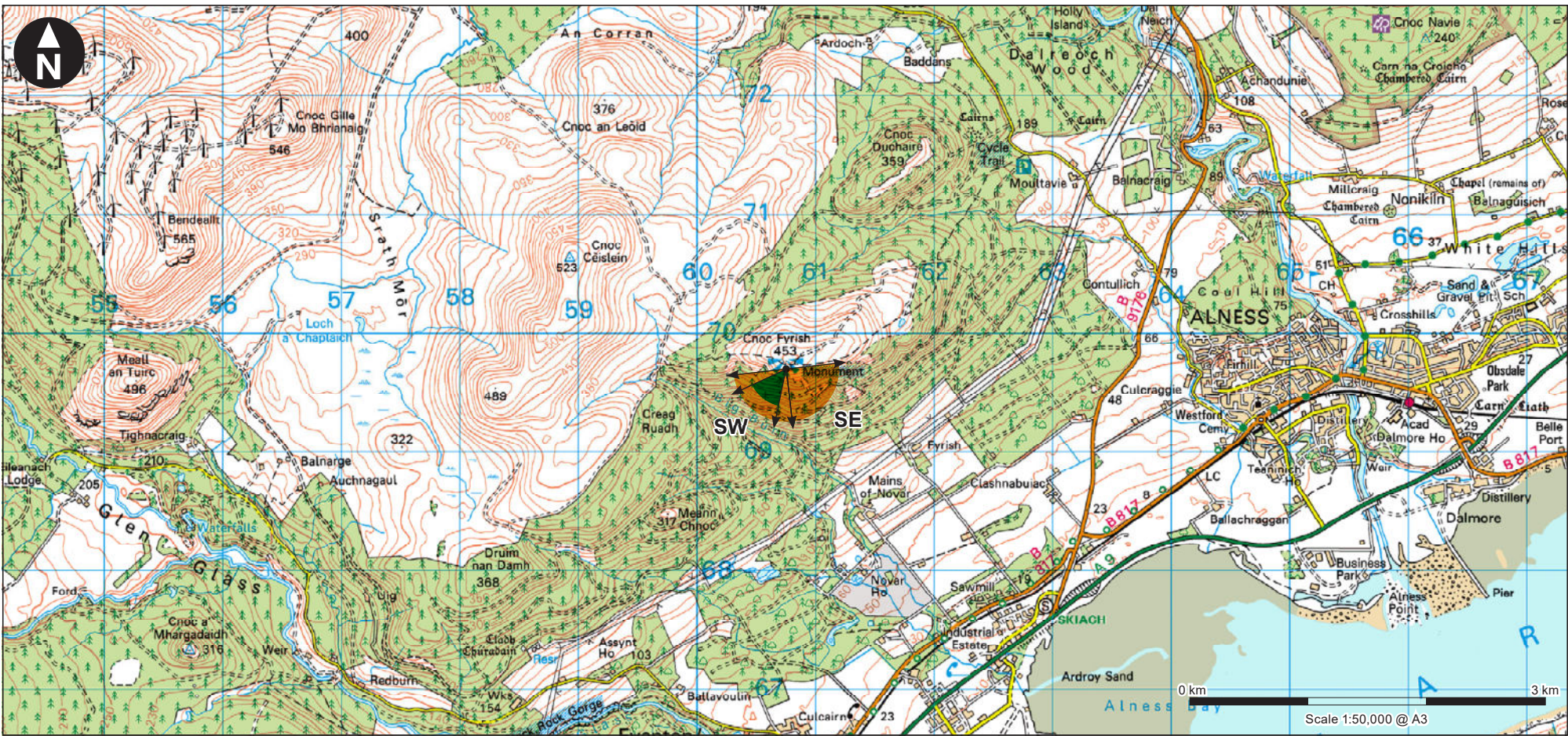
Client

Ballach Wind Farm
EIA Report

Figure 6.40c
Viewpoint 23:
A96, Alturlie Junction

June 2025

View flat at a comfortable arm's length



© Crown copyright and database rights 2024
Ordnance Survey 0100031673

Viewpoint Parameters

OS reference:	E260 754, N869 696
Ground Level Elevation:	451m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	218°
Distance to nearest turbine:	27,281m
Number of blade tips theoretically visible ⁴ :	20
Number of hubs theoretically visible ⁴ :	20
Date and time of viewpoint photography:	19/09/2024 @ 08:55
Camera:	Sony ILCE-7RM3A
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: LBALLACH005.WFL
• Hub height: 149m / 119m
• Rotor diameter: 162m
• Height to blade tip: 230m / 200m
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).

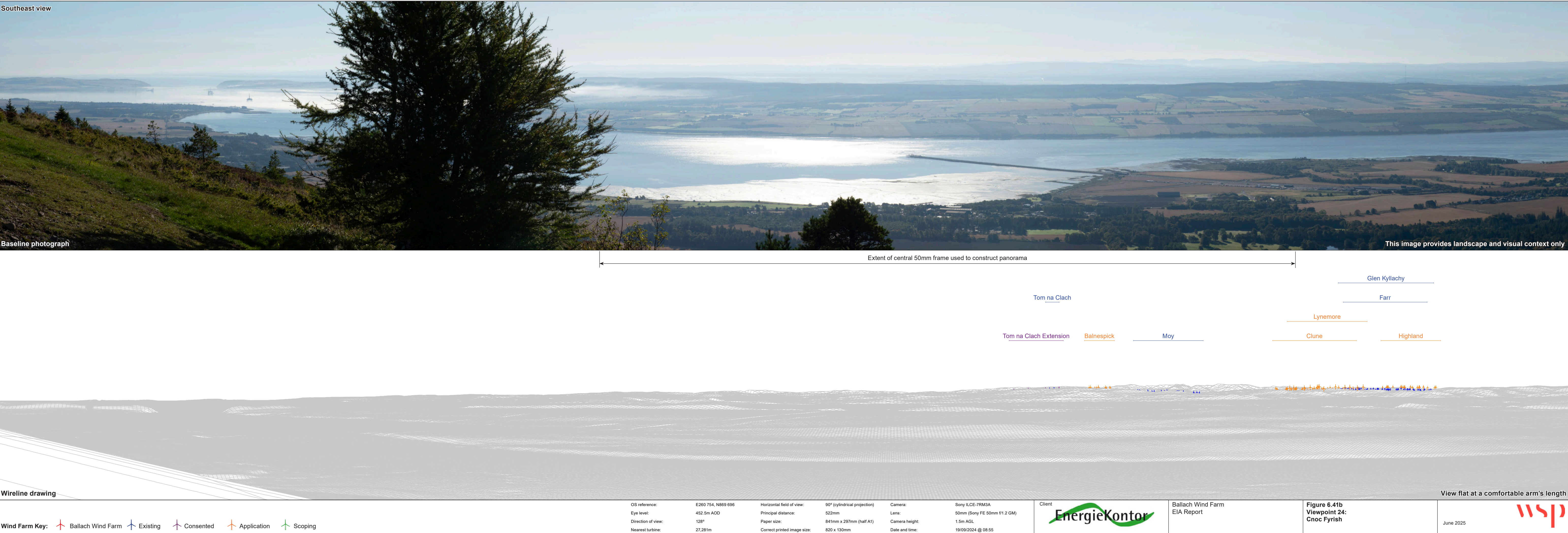


Ballach Wind Farm
EIA Report

**Figure 6.41a
Viewpoint 24:
Cnoc Fyrish**

June 2025

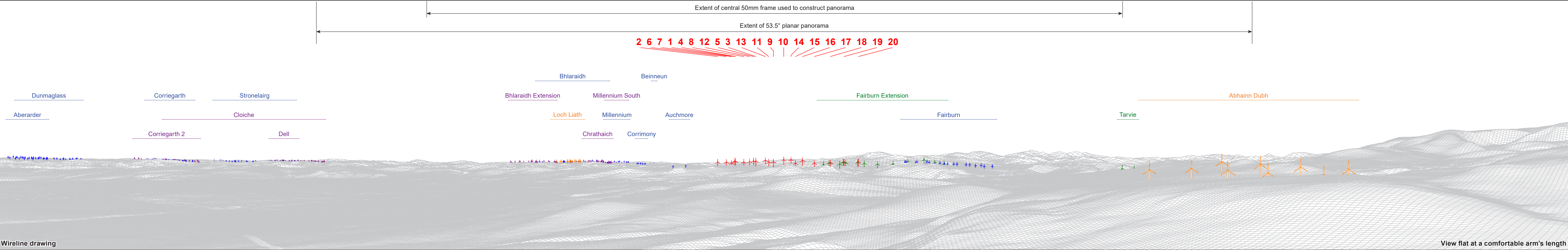






Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

Note: Turbines 2, 3, 7, 14, 17 and 20 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E260 754, N869 696	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-7RM3A
Eye level:	452.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	218°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	27.281m	Correct printed image size:	820 x 130mm	Date and time:	19/09/2024 @ 08:55

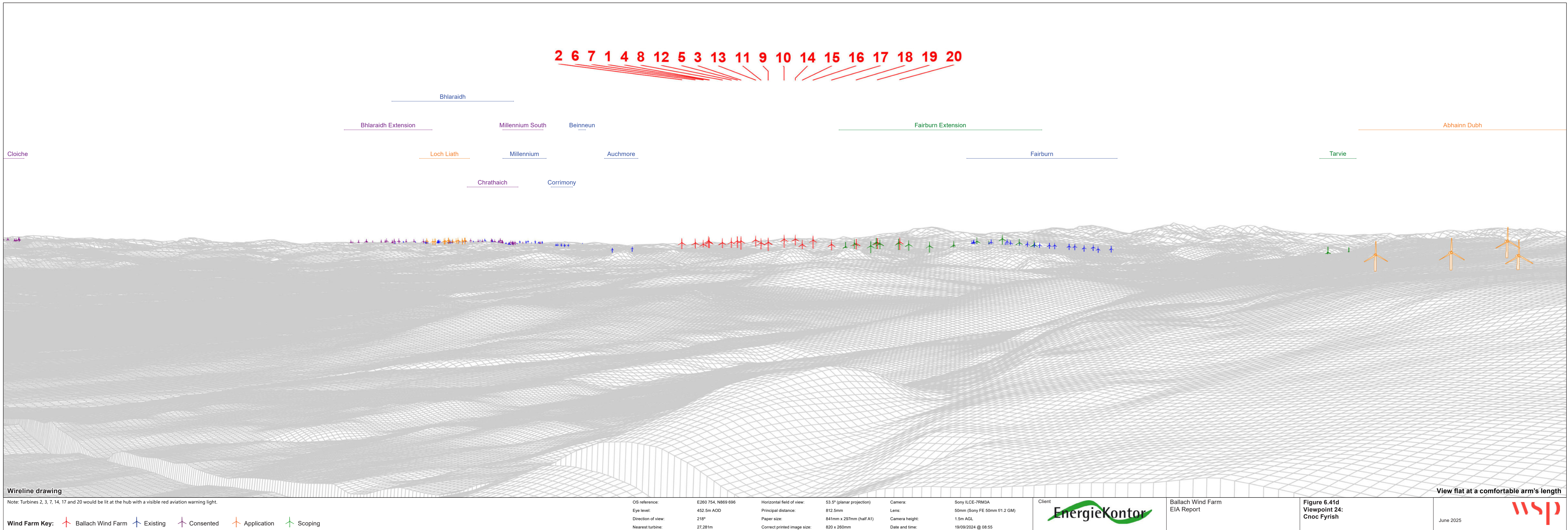


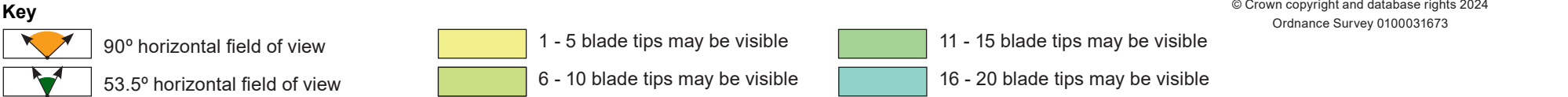
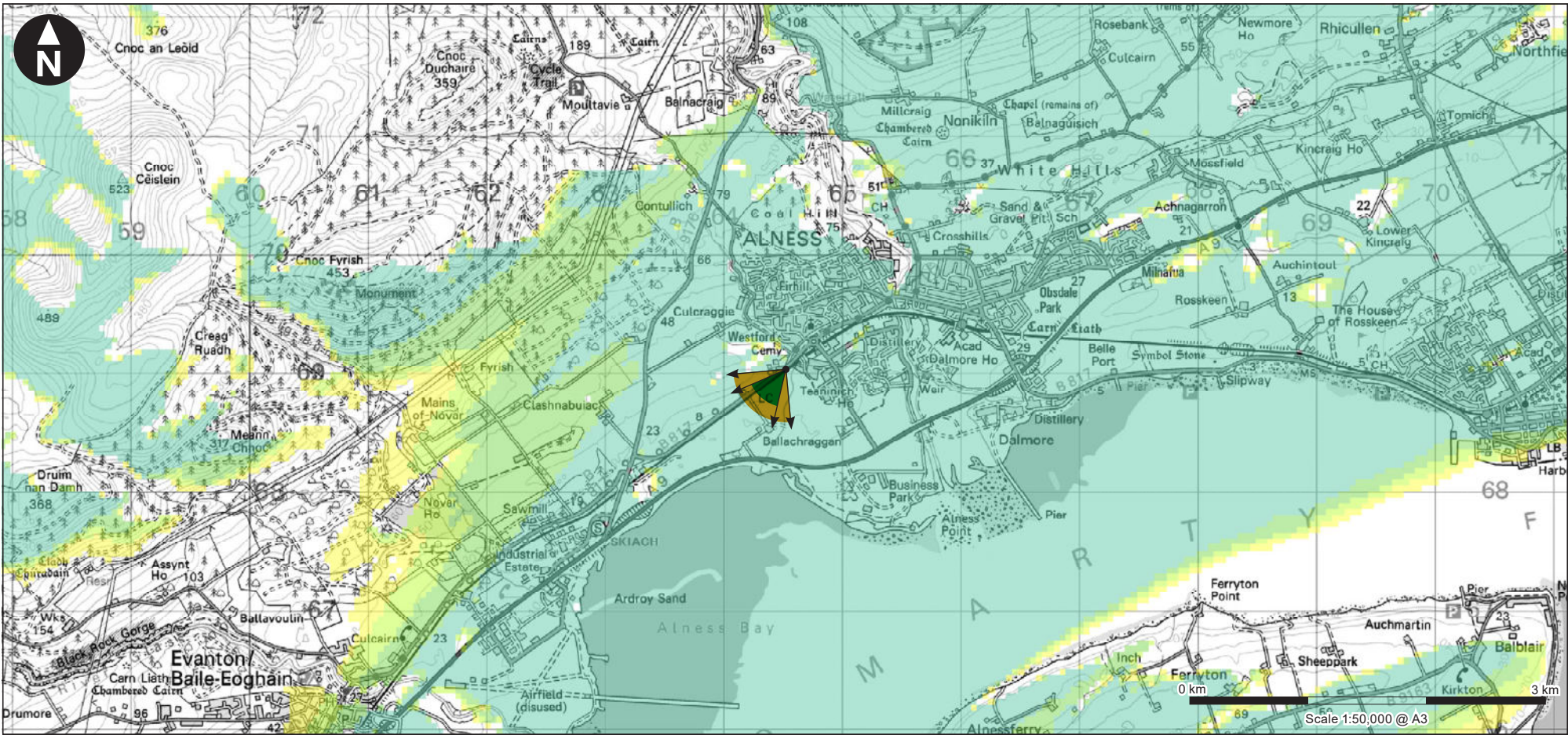
Client
Ballach Wind Farm
EIA Report

Figure 6.41c
Viewpoint 24:
Cnoc Fyrish

June 2025







Viewpoint Parameters

OS reference:	E264 523, N869 039
Ground Level Elevation:	20m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	224°
Distance to nearest turbine:	29,147m
Number of blade tips theoretically visible ⁴ :	20
Number of hubs theoretically visible ⁴ :	18
Date and time of viewpoint photography:	18/09/2024 @ 10:00
Camera:	Sony ILCE-7RM3A
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: LBALLACH005.WFL
• Hub height: 149m / 119m
• Rotor diameter: 162m
• Height to blade tip: 230m / 200m
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).



Ballach Wind Farm
EIA Report

**Figure 6.42a
Viewpoint 25:
B817, Alness**

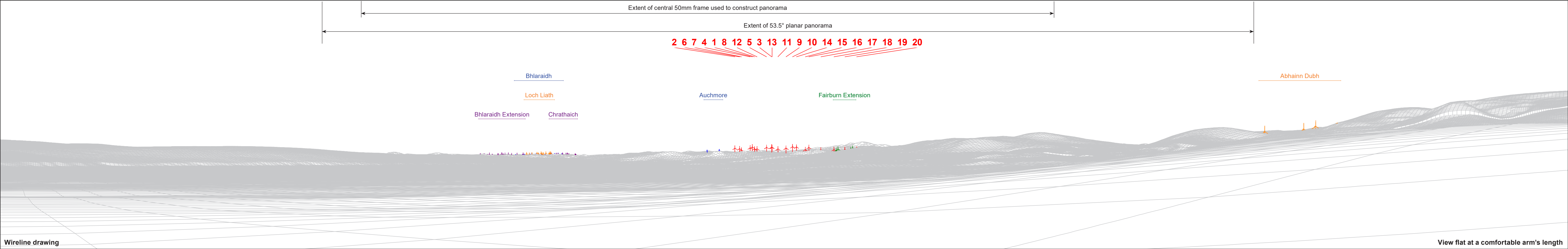
June 2025





Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

Note: Turbines 2, 3, 7 and 14 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: [red cross] Ballach Wind Farm [blue cross] Existing [purple cross] Consented [orange cross] Application [green cross] Scoping

OS reference:	E264 523, N869 039	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-7RM3A
Eye level:	21.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	220°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	29,147m	Correct printed image size:	820 x 130mm	Date and time:	18/09/2024 @ 10:00

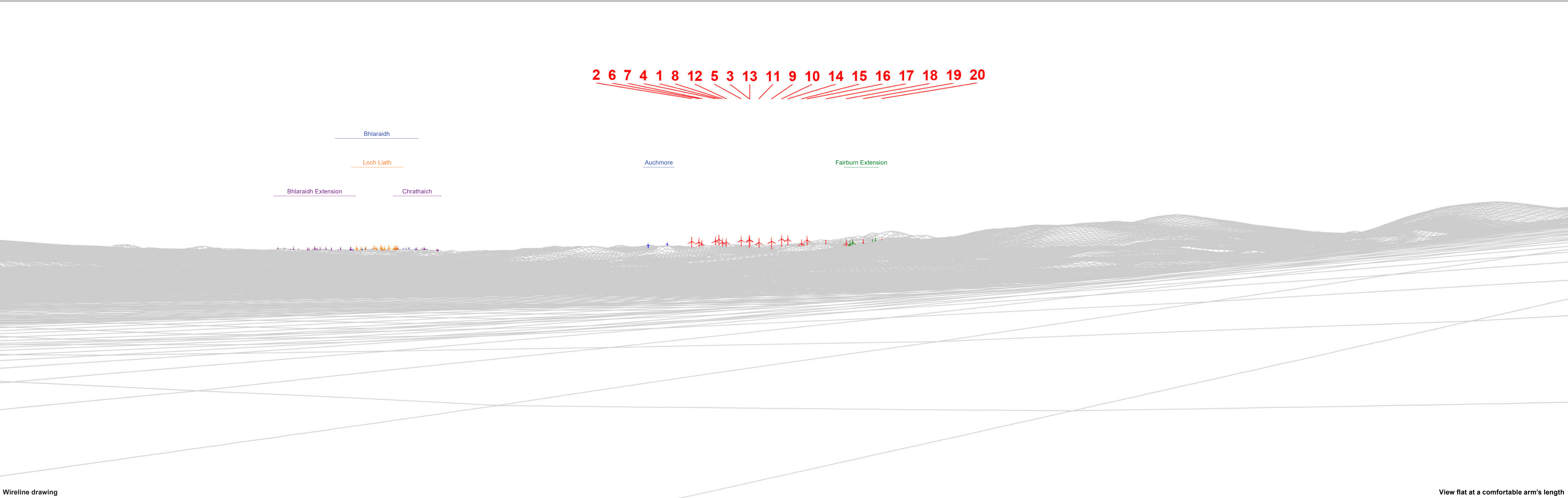
Client

Ballach Wind Farm
EIA Report

Figure 6.42b
Viewpoint 25:
B817, Alness

June 2025

Figure 6.42a-c \VP25 Alness UK037662.3719-WSPE-FG-SA-00054_R2
Originator: UKG3W775



Wireline drawing

Note: Turbines 2, 3, 7 and 14 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E264 523, N869 039	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A
Eye level:	21.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	220°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	29,147m	Correct printed image size:	820 x 260mm	Date and time:	18/09/2024 @ 10:00

Client



Ballach Wind Farm
EIA Report

Figure 6.42c
Viewpoint 25:
B817, Alness

View flat at a comfortable arm's length

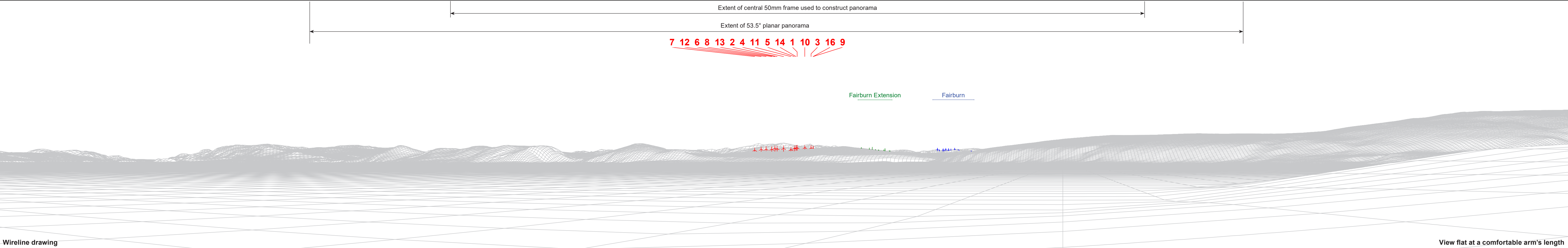
June 2025





Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

Note: Turbines 2, 3, 7 and 14 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E274 788, N855 670	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-7RM3A
Eye level:	12.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	255°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	31,014m	Correct printed image size:	820 x 130mm	Date and time:	18/09/2024 @ 11:40



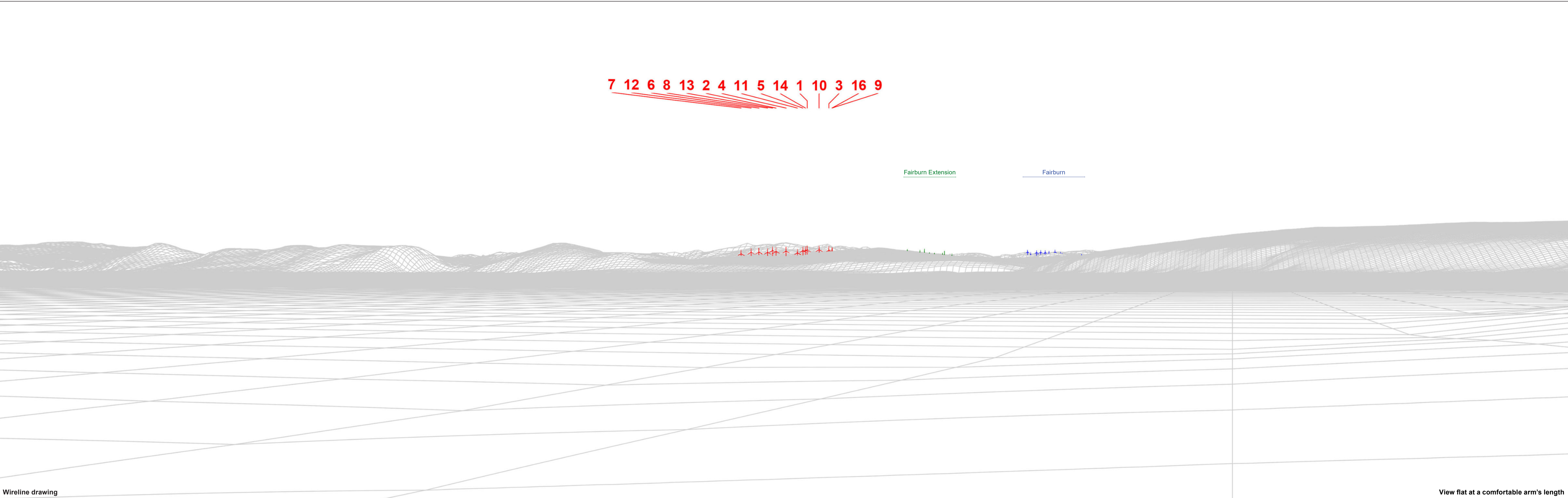
Client
Ballach Wind Farm
EIA Report

Figure 6.43b
Viewpoint 26:
Chanonry Point

June 2025



Figure 6.43a-c VP26 Chanonry Point UK0037862.3719-WSPE-FG-SA-00055_R2
Originator: UKCGW775



Wireline drawing

Note: Turbines 2, 3, 7 and 14 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E274 788, N855 670	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A
Eye level:	12.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	255°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	31,014m	Correct printed image size:	820 x 260mm	Date and time:	18/09/2024 @ 11:40



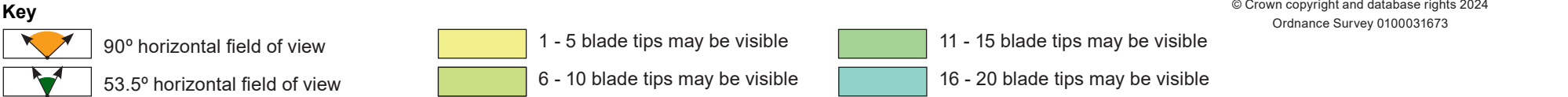
Client
Ballach Wind Farm
EIA Report

Figure 6.43c
Viewpoint 26:
Chanonry Point

View flat at a comfortable arm's length

June 2025





Viewpoint Parameters

OS reference:	E269 940, N868 752
Ground Level Elevation:	5m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	231°
Distance to nearest turbine:	32,858m
Number of blade tips theoretically visible ⁴ :	20
Number of hubs theoretically visible ⁴ :	15
Date and time of viewpoint photography:	18/09/2024 @ 10:20
Camera:	Sony ILCE-7RM3A
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: LBALLACH005.WFL
• Hub height: 149m / 119m
• Rotor diameter: 162m
• Height to blade tip: 230m / 200m
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).



Ballach Wind Farm
EIA Report

Figure 6.44a
Viewpoint 27:
Invergordon

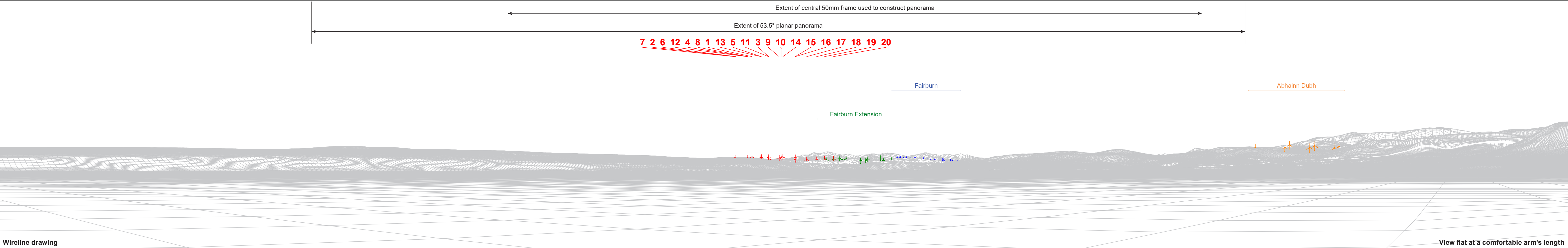
June 2025





Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

Note: Turbines 3, 14, 17 and 20 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E269 940, N868 752	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-7RM3A
Eye level:	6.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	235°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	32.858m	Correct printed image size:	820 x 130mm	Date and time:	18/09/2024 @ 10:20



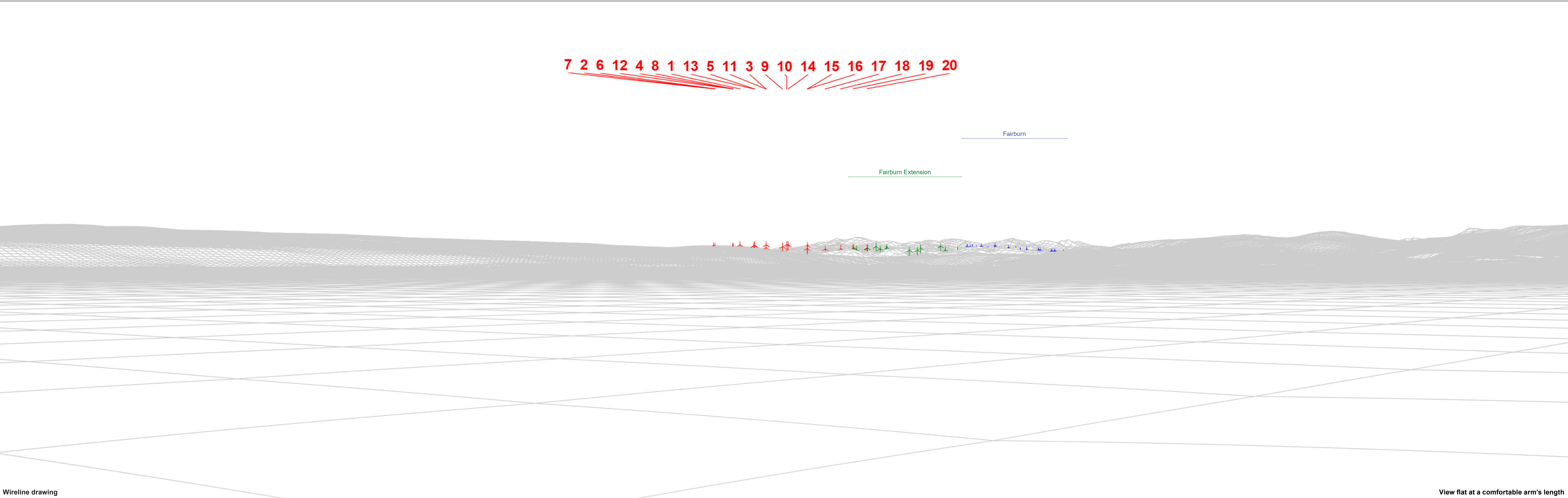
Client
Ballach Wind Farm
EIA Report

Figure 6.44b
Viewpoint 27:
Invergordon

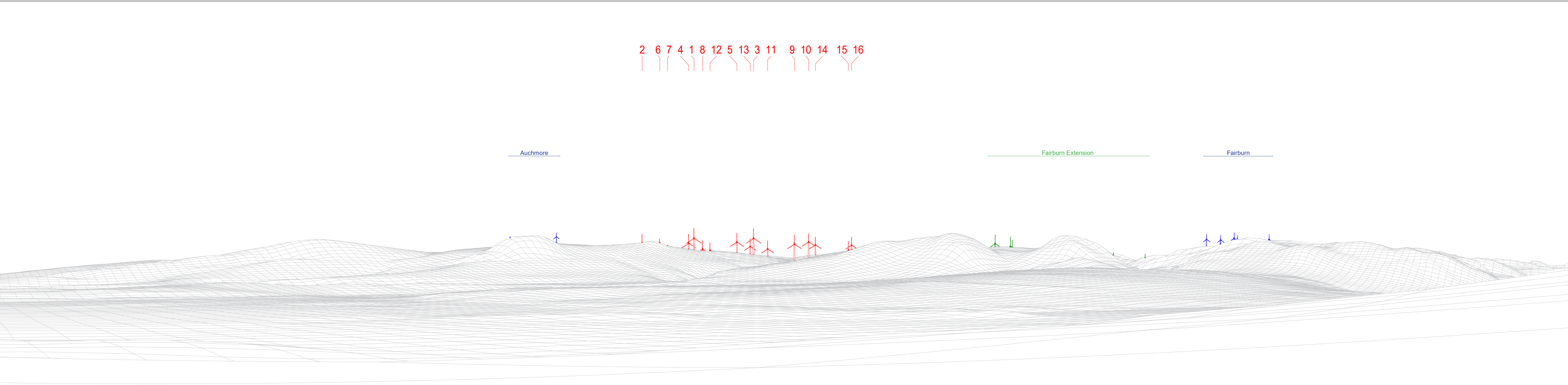
June 2025



Figure 6.44a-c \VP27\Invergordon UK037682.3719-WSPE-FG-SA-00056_R2 Originator: UKCGW775



Cultural Heritage Wirelines VPs 1-10 V4
Originator: UKCGW75



Wireline drawing

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E251 138, N854 638	Horizontal field of view:	90° (cylindrical projection)
Eye level:	45.4m AOD	Principal distance:	522mm
Direction of view:	227°	Paper size:	841mm x 297mm (half A1)
Nearest turbine:	9,489m	Correct printed image size:	820 x 260mm



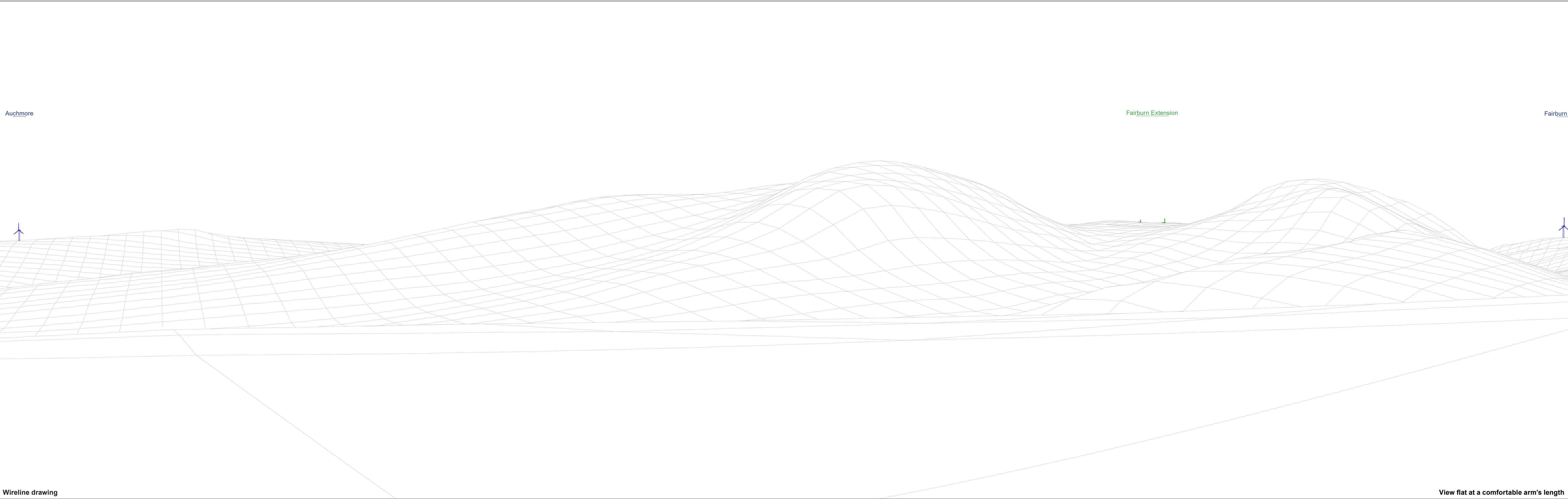
Ballach Wind Farm
EIA Report

Visualisation 7.1
Viewpoint CHVP1
Wireline views from Brahan GDL
(GDL00068; A12)

July 2025



View flat at a comfortable arm's length



Auchmore

Fairburn Extension

Fairburn

Wireline drawing

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E246 952, N852 356	Horizontal field of view:	90° (cylindrical projection)
Eye level:	145.4m AOD	Principal distance:	522mm
Direction of view:	216°	Paper size:	841mm x 297mm (half A1)
Nearest turbine:	5,185m	Correct printed image size:	820 x 260mm

Client

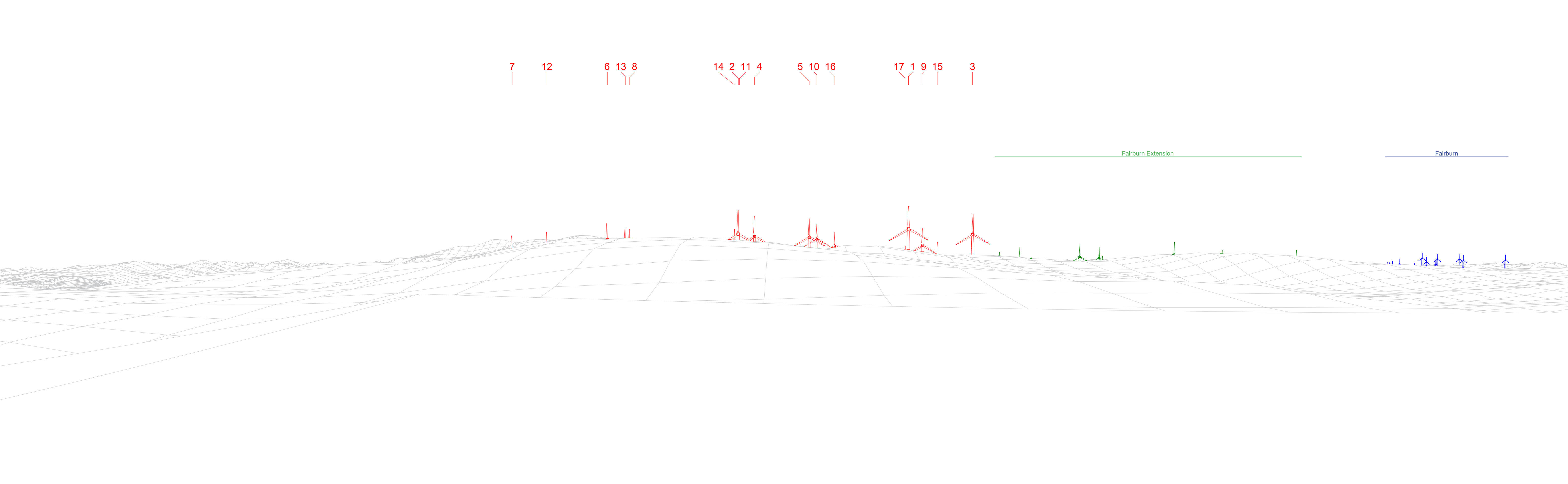
Ballach Wind Farm
EIA Report

Visualisation 7.2
Viewpoint CHVP2
Wireline views from Fairburn Tower
(LB14030; A19)

July 2025

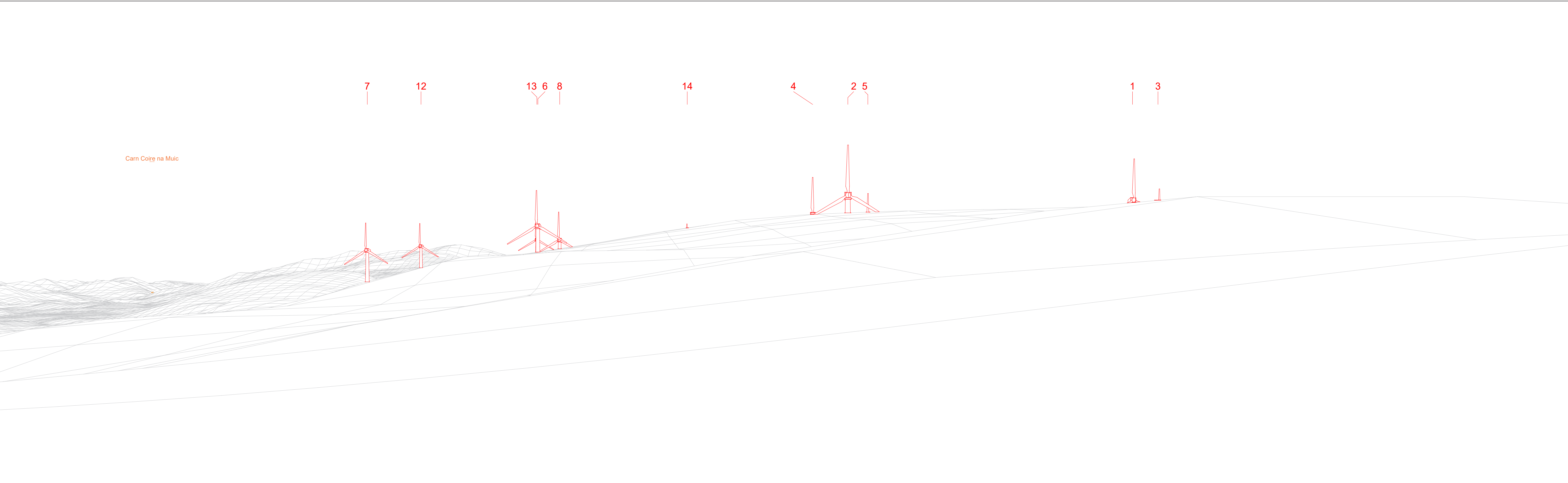
View flat at a comfortable arm's length

Cultural Heritage Wirelines VPs 1-10 V4
Originator: UKG0W75



Wireline drawing					View flat at a comfortable arm's length				
Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping					Client		Ballach Wind Farm EIA Report		Visualisation 7.3 Viewpoint CHVP3 Wireline views from Dun Fhamhair, fort (SM5212; A34)
OS reference: E248 416, N847 056 Eye level: 333.4m AOD Direction of view: 270° Nearest turbine: 3.405m					Horizontal field of view: 90° (cylindrical projection) Principal distance: 522mm Paper size: 841mm x 297mm (half A1) Correct printed image size: 820 x 260mm		July 2025		

Cultural Heritage Wirelines VPs 1-10 V4
Originator: UKCGW775



Wireline drawing

Wind Farm Key:  Ballach Wind Farm  Existing  Consented  Application  Scoping

OS reference:	E246 609, N846 582	Horizontal field of view:	90° (cylindrical projection)
Eye level:	318.8m AOD	Principal distance:	522mm
Direction of view:	278°	Paper size:	841mm x 297mm (half A1)
Nearest turbine:	1,630m	Correct printed image size:	820 x 260mm

Client



Ballach Wind Farm
EIA Report

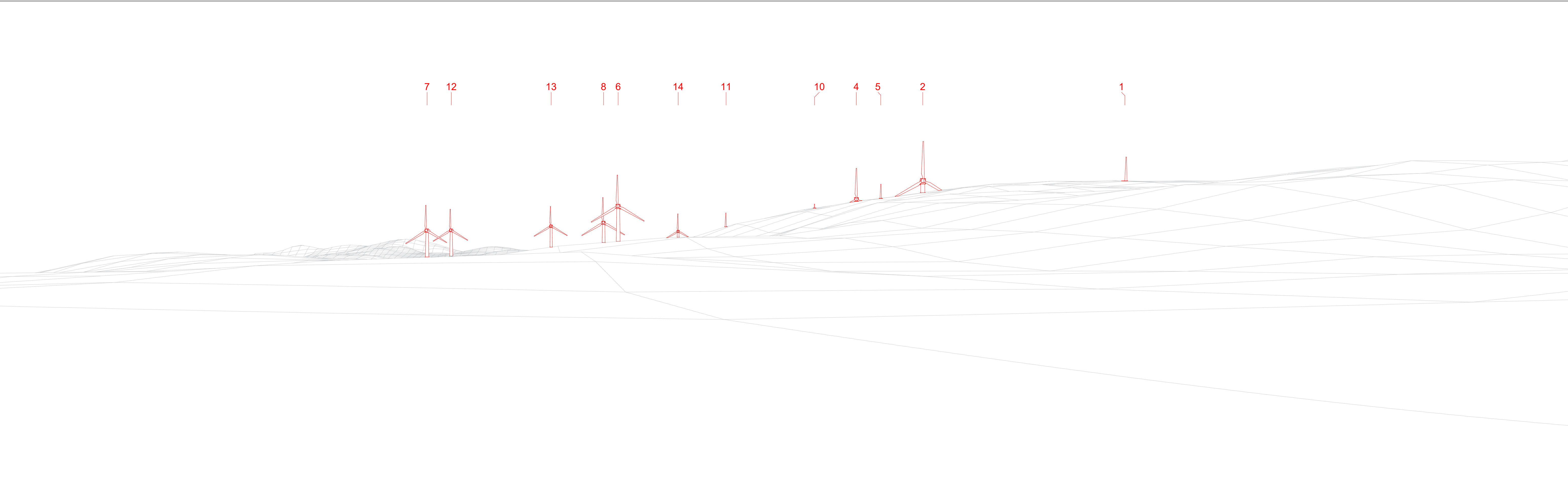
Visualisation 7.4
Viewpoint CHVP4
Wireline view from Dun Gharbhaich fort,
Kilmorack (SM2422; A35)

July 2025



View flat at a comfortable arm's length

Cultural Heritage Wirelines VPs 1-10 V4
Originator: UKG0W775



Wireline drawing

Wind Farm Key:  Ballach Wind Farm  Existing  Consented  Application  Scoping

OS reference:	E246 943 N846 142	Horizontal field of view:	90° (cylindrical projection)
Eye level:	226.9m AOD	Principal distance:	522mm
Direction of view:	284°	Paper size:	841mm x 297mm (half A1)
Nearest turbine:	2,080m	Correct printed image size:	820 x 260mm



Ballach Wind Farm
EIA Report

Visualisation 7.5
Viewpoint CHVP5
Wireline view on southeast approach to Dun
Gharbhlaich fort, Kilmorack (SM2422; A35)

July 2025

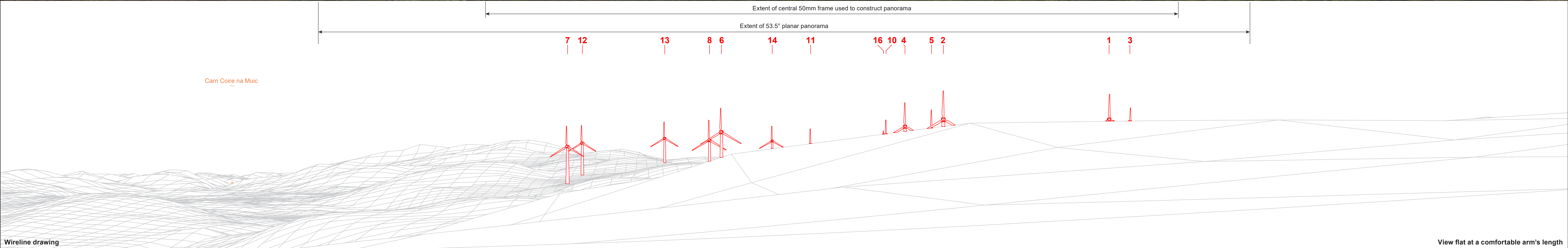


View flat at a comfortable arm's length



Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E247 717, N846 076	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-7RM3A
Eye level:	272.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	264°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	2.831m	Correct printed image size:	820 x 130mm	Date and time:	17/06/2025 @ 15:30

Client

Ballach Wind Farm
EIA Report

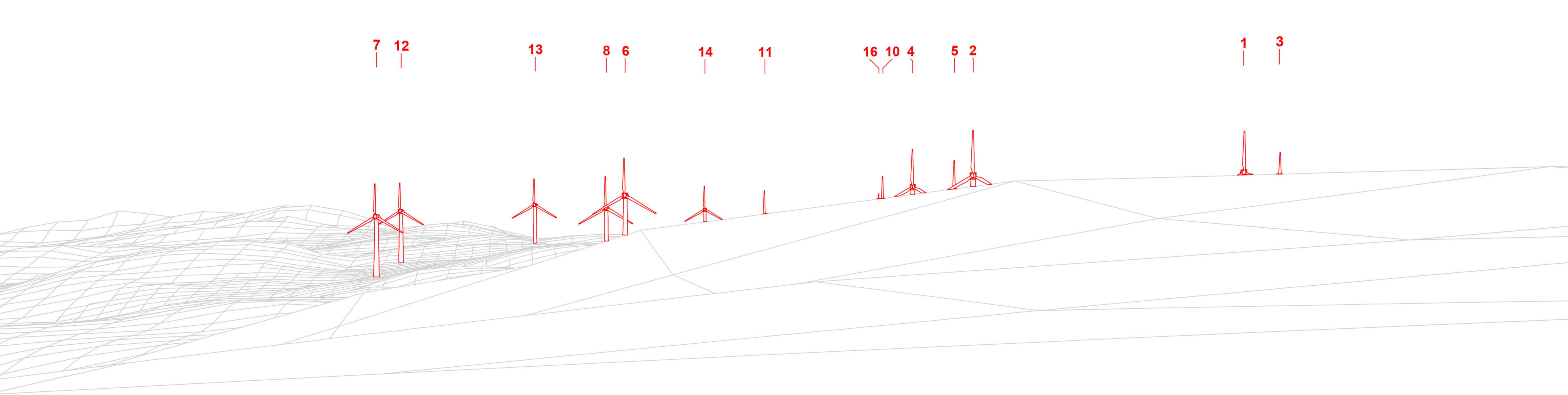
Cultural Heritage Visualisation 7.6a
Viewpoint 6 Photomontage view from
Dun a Chliabhain,fort (SM2424; A37)

July 2025



Figure 12.6 CH 06 UK037662.3719-WSPE-FG-Sk-0002-_R1

Originator: UKCGW775



Wireline drawing

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E247 717, N846 076	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A
Eye level:	272.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	264°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	2.831m	Correct printed image size:	820 x 260mm	Date and time:	17/06/2025 @ 15:30



Client
Ballach Wind Farm
EIA Report

Cultural Heritage Visualisation 7.6b
Viewpoint 6 Photomontage view from
Dun a Chliabhain,fort (SM2424; A37)

July 2025



View flat at a comfortable arm's length

Figure 12.6 CH 06 UK037662.3719-WSPF-FG-SA-0082_R1 Originator: UKCGW75



Photomontage

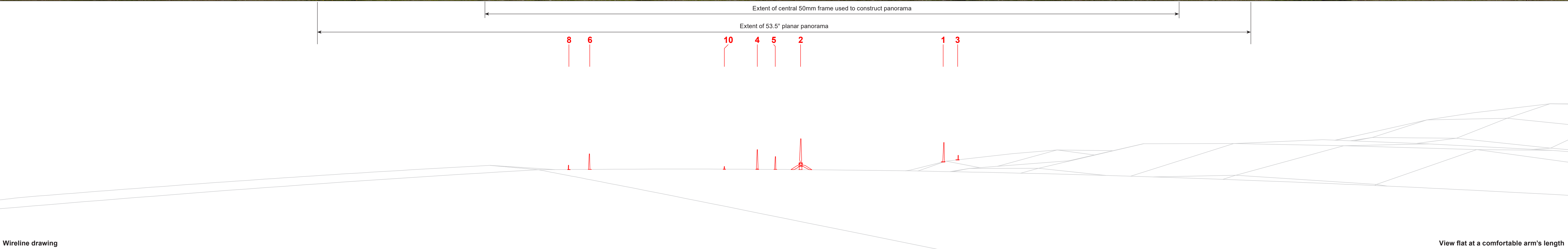
View flat at a comfortable arm's length

OS reference:	E247 717, N846 076	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A	Client		Ballach Wind Farm EIA Report	Cultural Heritage Visualisation 7.6c Viewpoint 6 Photomontage view from Dun a Chliabhain,fort (SM2424; A37)	July 2025	
Eye level:	272.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)						
Direction of view:	264°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL						
Nearest turbine:	2,831m	Correct printed image size:	820 x 260mm	Date and time:	17/06/2025 @ 15:30						



Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E248 001, N845 795	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony ILCE-7RM3A
Eye level:	232.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	290°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	3.191m	Correct printed image size:	820 x 130mm	Date and time:	17/06/2025 @ 14:55

Client

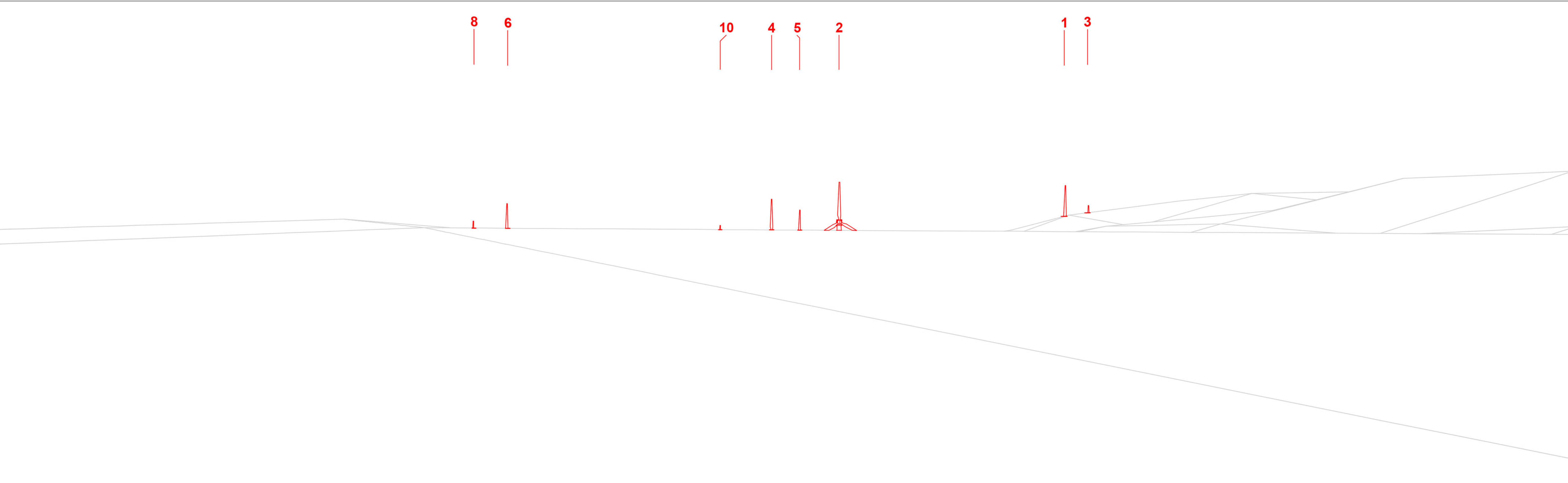
Ballach Wind Farm
EIA Report

Cultural Heritage Visualisation 7.7a
Viewpoint 7 View from Cnoc Na Moine
burial cairn (NRHE ID 12359) looking
towards Dun a Chliabhain (SM2424; A37)

July 2025



Figure 12 7a-d CH 06 UK0037662.3719-WSPF-FG-SA-00063_R1 Originator: UKCGW775



Wireline drawing

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E248 001, N845 795	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A
Eye level:	232.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	290°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	3.191m	Correct printed image size:	820 x 260mm	Date and time:	17/06/2025 @ 14:55



Client
Ballach Wind Farm
EIA Report

Cultural Heritage Visualisation 7.7b
Viewpoint 7 View from Cnoc Na Moine
burial cairn (NRHE ID 12359) looking
towards Dun a Chliabhain (SM2424; A37)

July 2025



View flat at a comfortable arm's length

Figure 12 7a-d CH 06 UK03037662.3719-WSPF-FG-SA-00083_R1
Originator: UKCW775



Photomontage

View flat at a comfortable arm's length

OS reference:	E248 001, N845 795	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A
Eye level:	232.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	290°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	3.191m	Correct printed image size:	820 x 260mm	Date and time:	17/06/2025 @ 14:55



Client
Ballach Wind Farm
EIA Report

Cultural Heritage Visualisation 7.7c
Viewpoint 7 View from Cnoc Na Moine
burial cairn (NRHE ID 12359) looking to-
wards Dun a Chliabhain (SM2424; A37)

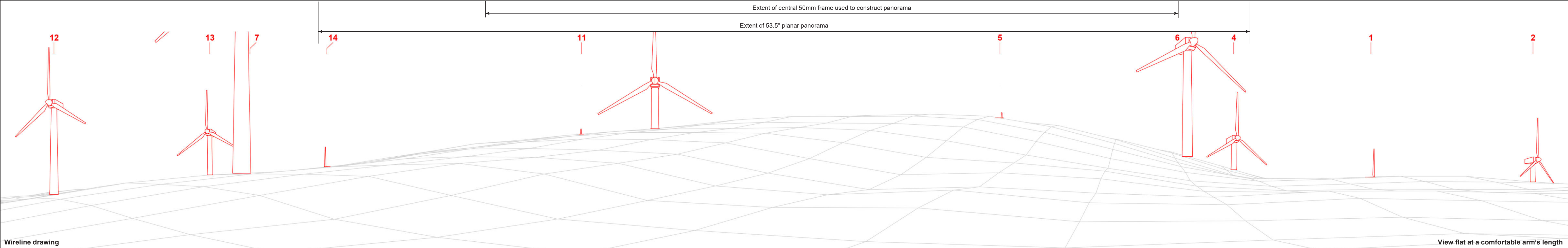
July 2025





Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E244 267, N845 505	Horizontal field of view:	110° (cylindrical projection)	Camera:	Sony ILCE-7RM3A
Eye level:	220.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	334°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	598m	Correct printed image size:	820 x 130mm	Date and time:	17/06/2025 @ 17:20

Client

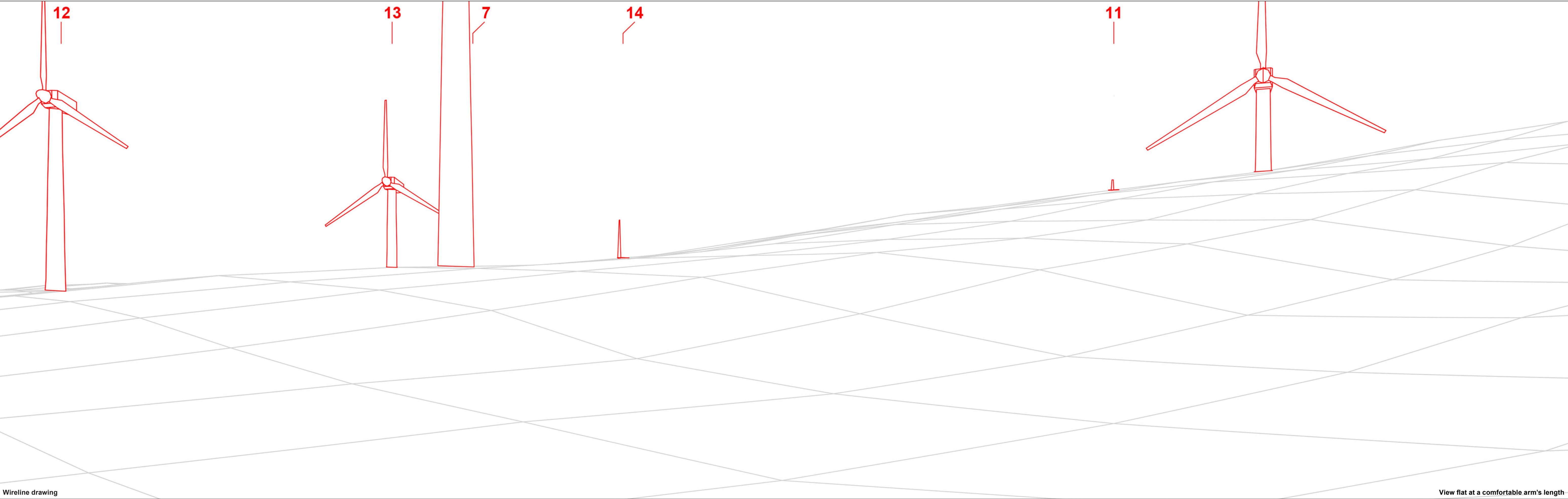
Ballach Wind Farm
EIA Report

Cultural Heritage Visualisation 7.8a
Viewpoint 8 Photomontage view from
Urchany, barrow 595m SW of (SM13523;
A38)

July 2025



Figure 12.8a: Ch 08 UK0037662.3719-WSPE-FC-SA-00084_R1
Originator: UKCW775



Wind Farm Key:  Ballach Wind Farm  Existing  Consented  Application  Scoping

OS reference:	E244 267, N845 505	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A
Eye level:	220.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	334°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	598m	Correct printed image size:	820 x 260mm	Date and time:	17/06/2025 @ 17:20

Client


Ballach Wind Farm
EIA Report

Cultural Heritage Visualisation 7.8b
Viewpoint 8 Photomontage view from
Urchany, barrow 595m SW of (SM13523;
A38)

July 2025



View flat at a comfortable arm's length

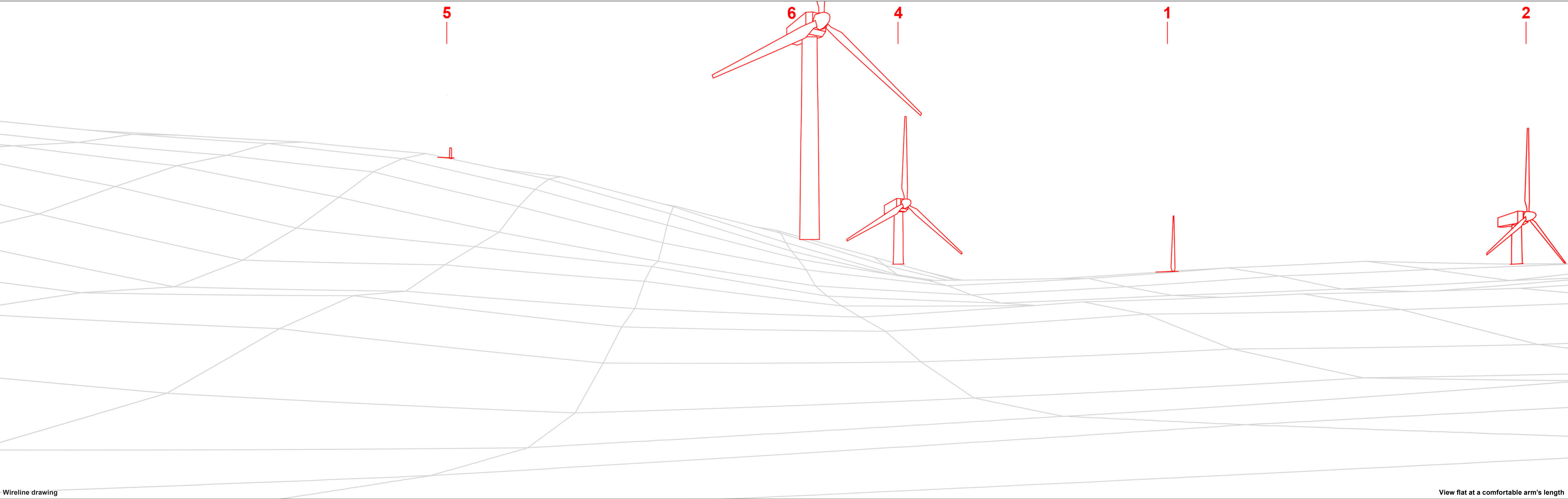


Photomontage

View flat at a comfortable arm's length

OS reference:		E244 267, N845 505	Horizontal field of view:		53.5° (planar projection)	Camera:		Sony ILCE-7RM3A	Client 	Ballach Wind Farm EIA Report	Cultural Heritage Visualisation 7.8c Viewpoint 8 Photomontage view from Urchany, barrow 595m SW of (SM13523; A38)	July 2025 
Eye level:		220.5m AOD	Principal distance:		812.5mm	Lens:		50mm (Sony FE 50mm f/1.2 GM)				
Direction of view:		334°	Paper size:		841mm x 297mm (half A1)	Camera height:		1.5m AGL				
Nearest turbine:		598m	Correct printed image size:		820 x 260mm	Date and time:		17/06/2025 @ 17:20				

Figure 12.8a: CH 08 UK0037662.3719-WSPE-FC-SA-00084_R1 Originator: UKCOW75



Wireline drawing

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E244 267, N845 505	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A
Eye level:	220.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	334°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	598m	Correct printed image size:	820 x 260mm	Date and time:	17/06/2025 @ 17:20



Client
Ballach Wind Farm
EIA Report

Cultural Heritage Visualisation 7.8d
Viewpoint 8 Photomontage view from
Urchany, barrow 595m SW of (SM13523;
A38)

July 2025



View flat at a comfortable arm's length

Figure 12.8a: CH 08 UK03037662.3719-WSP-FC-SA-00084_R1
Originator: UKCW775



Photomontage

View flat at a comfortable arm's length

OS reference:	E244 267, N845 505	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A	Client		Ballach Wind Farm EIA Report	Cultural Heritage Visualisation 7.8e Viewpoint 8 Photomontage view from Urchany, barrow 595m SW of (SM13523; A38)	July 2025	
Eye level:	220.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)						
Direction of view:	334°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL						
Nearest turbine:	598m	Correct printed image size:	820 x 260mm	Date and time:	17/06/2025 @ 17:20						

Figure 12_Ba1_Chi 08 UK03037662.3719-WSP-E-FG-SA-00084_R1
Originator: UKCOW775

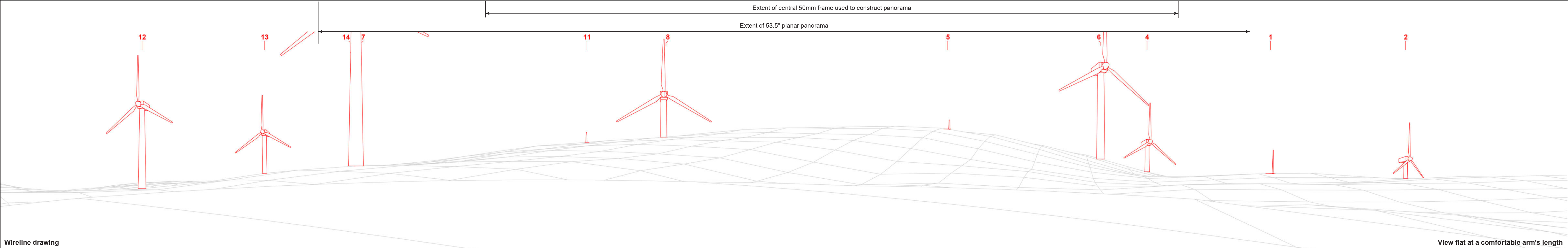


Photomontage										View flat at a comfortable arm's length				
Note: This 90 degree FoV photomontage is produced in addition to the NatureScot 'Visual Representation of Wind Farms' guidance and illustrates the Proposed Development in its landscape setting.				OS reference:	E244 267, N845 505	Horizontal field of view:	110° (cylindrical projection)	Camera:	Sony ILCE-7RM3A	Client 	Ballach Wind Farm EIA Report	Cultural Heritage Visualisation 7.8f Viewpoint 8 Photomontage view from Urchany, barrow 595m SW of (SM13523; A38)	July 2025 	
				Eye level:	220.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)					
				Direction of view:	334°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL					
				Nearest turbine:	598m	Correct printed image size:	820 x 130mm	Date and time:	17/06/2025 @ 17:20					



Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E244 282, N845 392	Horizontal field of view:	120° (cylindrical projection)	Camera:	Sony ILCE-7RM3A
Eye level:	205.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	334°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	670m	Correct printed image size:	820 x 130mm	Date and time:	17/06/2025 @ 17:35

Client

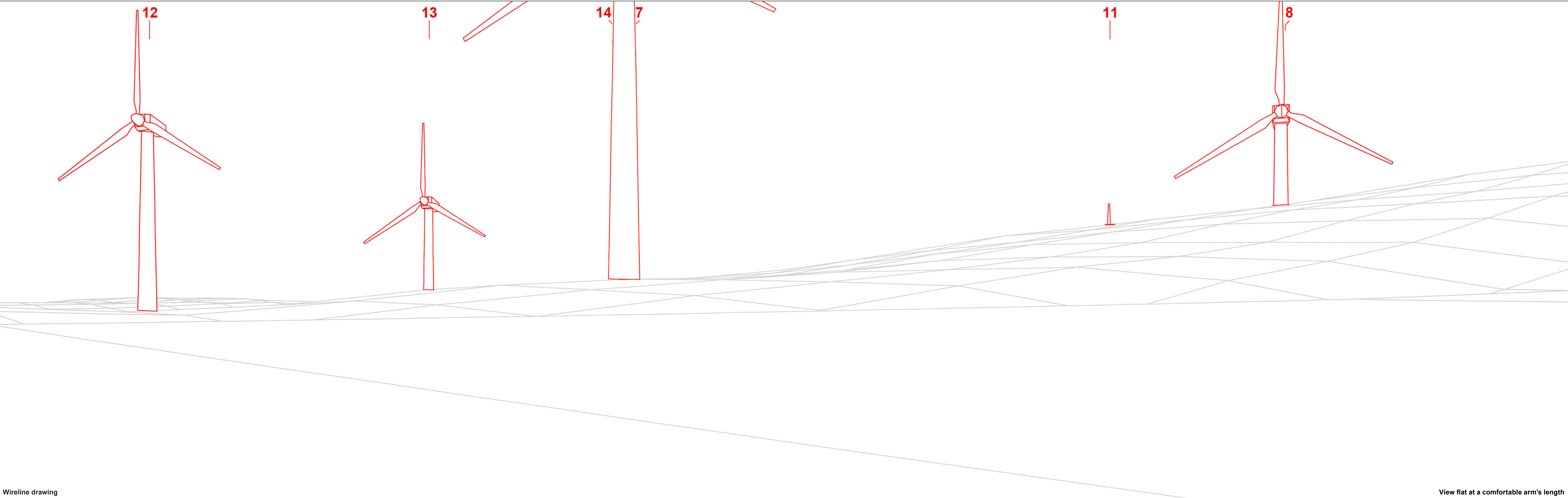
Ballach Wind Farm
EIA Report

Cultural Heritage Visualisation 7.9a
Viewpoint 9 View from the Neolithic
stone (NRHE ID 368713) looking towards
Urchany, barrow (SM13523; A38)

July 2025



Figure 12.9a: Ch 09 UK0037662.3719-WSPE-FC-SA-00085_R1 Originator: UKCW775



Wind Farm Key:  Ballach Wind Farm  Existing  Consented  Application  Scoping

OS reference:	E244 282, N845 392	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A
Eye level:	205.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	334°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	670m	Correct printed image size:	820 x 260mm	Date and time:	17/06/2025 @ 17:35



Client
Ballach Wind Farm
EIA Report

Cultural Heritage Visualisation 7.9b
Viewpoint 9 View from the Neolithic
stone (NRHE ID 368713) looking towards
Urchany, barrow (SM13523; A38)

July 2025



Figure 12.9a: CH 09 UK0037662.3719-WSP-FC-SA-00085_R1
Originator: UKCW775



Photomontage

View flat at a comfortable arm's length

OS reference:	E244 282, N845 392	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A
Eye level:	205.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	334°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	670m	Correct printed image size:	820 x 260mm	Date and time:	17/06/2025 @ 17:35



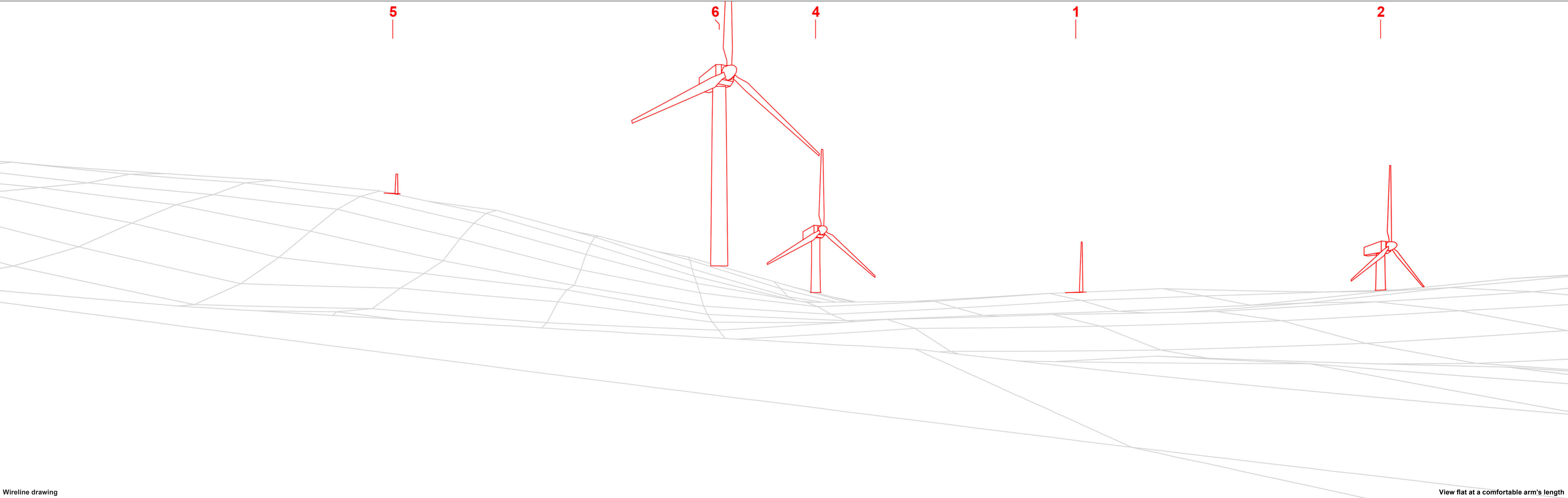
Client
Ballach Wind Farm
EIA Report

Cultural Heritage Visualisation 7.9c
Viewpoint 9 View from the Neolithic
stone (NRHE ID 368713) looking towards
Urchany, barrow (SM13523; A38)

July 2025



Figure 12.9a: CH 09 UK0037662.3719-WSPF-FG-SA-00085_R1 Originator: UKCOW75



Wireline drawing

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E244 282, N845 392	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A
Eye level:	205.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)
Direction of view:	334°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	670m	Correct printed image size:	820 x 260mm	Date and time:	17/06/2025 @ 17:35



Client
Ballach Wind Farm
EIA Report

Cultural Heritage Visualisation 7.9d
Viewpoint 9 View from the Neolithic
stone (NRHE ID 368713) looking towards
Urchany, barrow (SM13523; A38)

July 2025



Figure 12.9a: CH 09 UK03037662.3719-WSP-FC-SA-00085_R1 Originator: UKCW775



Photomontage

View flat at a comfortable arm's length

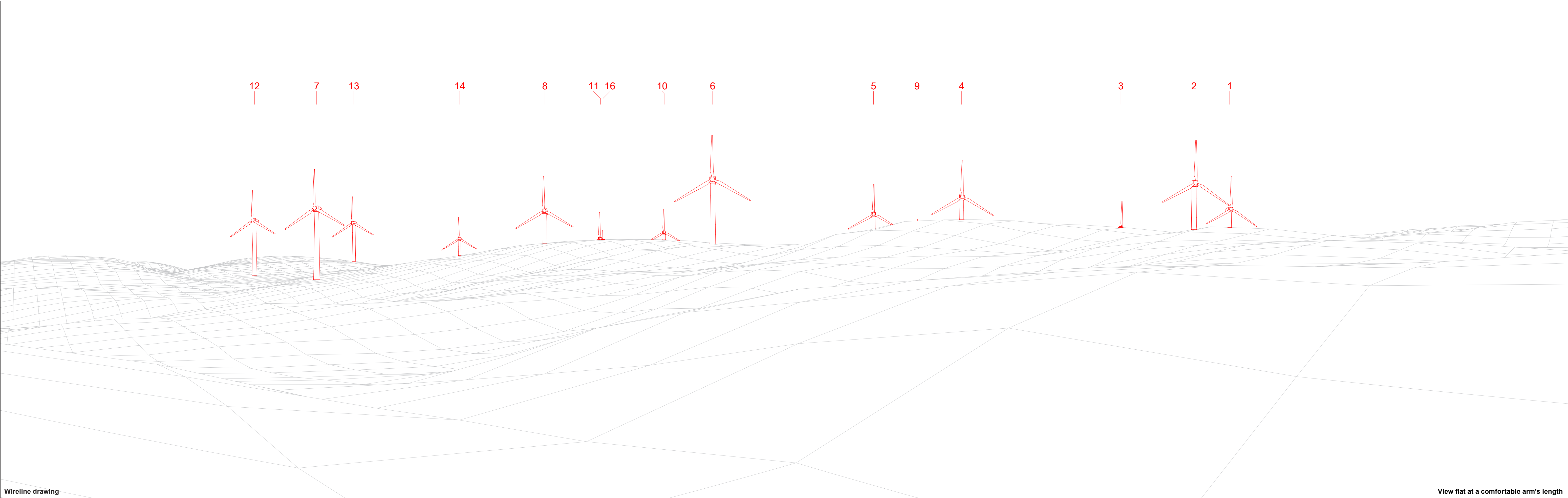
OS reference:	E244 282, N845 392	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony ILCE-7RM3A	Client	EnergieKontor	Ballach Wind Farm EIA Report	Cultural Heritage Visualisation 7.9e Viewpoint 9 View from the Neolithic stone (NRHE ID 368713) looking towards Urchany, barrow (SM13523; A38)	July 2025	WSP
Eye level:	205.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)						
Direction of view:	334°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL						
Nearest turbine:	670m	Correct printed image size:	820 x 260mm	Date and time:	17/06/2025 @ 17:35						

Figure 12.9a: CH 09 UK03037662.3719-WSP-E-FG-SA-00085_R1
Originator: UKCOW775



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:	E244 282, N845 392	Horizontal field of view:	120° (cylindrical projection)	Camera:	Sony ILCE-7RM3A	Client 	Ballach Wind Farm EIA Report	Cultural Heritage Visualisation 7.9f Viewpoint 9 View from the Neolithic stone (NRHE ID 368713) looking towards Urchany, barrow (SM13523; A38)	
				Eye level:	205.5m AOD	Principal distance:	522mm	Lens:	50mm (Sony FE 50mm f/1.2 GM)				
				Direction of view:	334°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL				
				Nearest turbine:	670m	Correct printed image size:	820 x 130mm	Date and time:	17/06/2025 @ 17:35				
									July 2025				

Cultural Heritage Wirelines VPs 1-10 V4
Originator: UKCGW775



Wireline drawing

View flat at a comfortable arm's length

Wind Farm Key:  Ballach Wind Farm  Existing  Consented  Application  Scoping

OS reference:	E245 742, N845 159	Horizontal field of view:	90° (cylindrical projection)
Eye level:	203.4m AOD	Principal distance:	522mm
Direction of view:	314°	Paper size:	841mm x 297mm (half A1)
Nearest turbine:	1,854m	Correct printed image size:	820 x 260mm



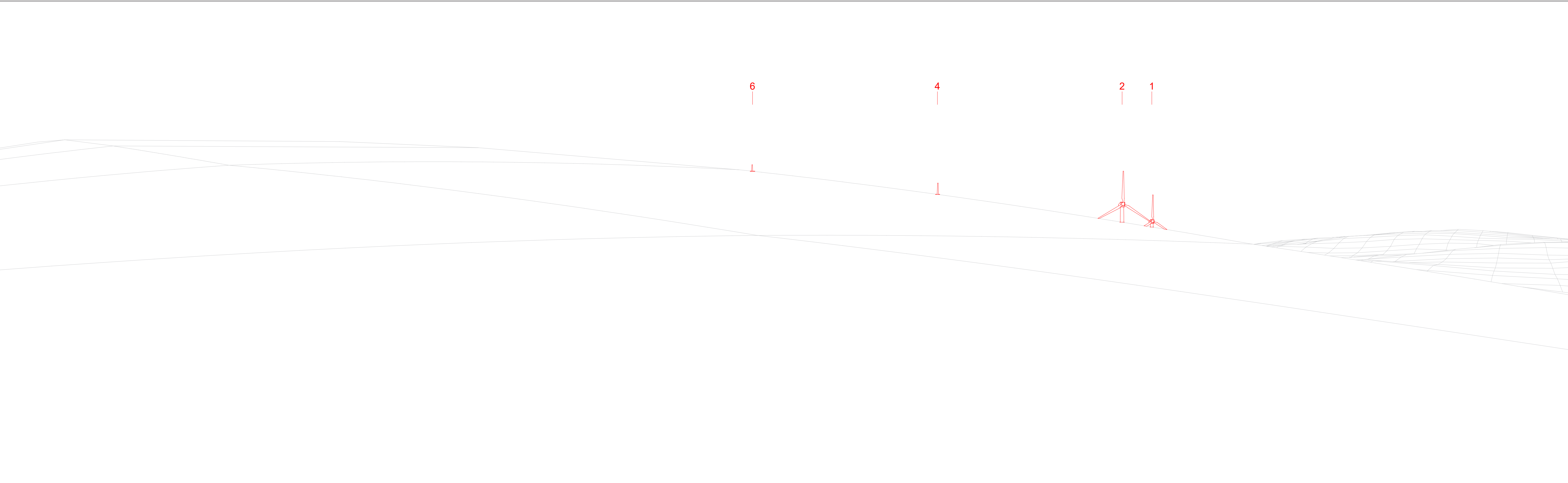
Ballach Wind Farm
EIA Report

Visualisation 7.10
Viewpoint CHVP10
Wireline from Dun Mor, fort (SM4979; A39)

July 2025



Cultural Heritage Wirelines VPs 1-10 V4
Originator: UKG0W75



Wireline drawing

Wind Farm Key:  Ballach Wind Farm  Existing  Consented  Application  Scoping

OS reference:	E245 969, N844 630	Horizontal field of view:	90° (cylindrical projection)
Eye level:	155.3m AOD	Principal distance:	522mm
Direction of view:	318°	Paper size:	841mm x 297mm (half A1)
Nearest turbine:	2.381m	Correct printed image size:	820 x 260mm



Client
Ballach Wind Farm
EIA Report

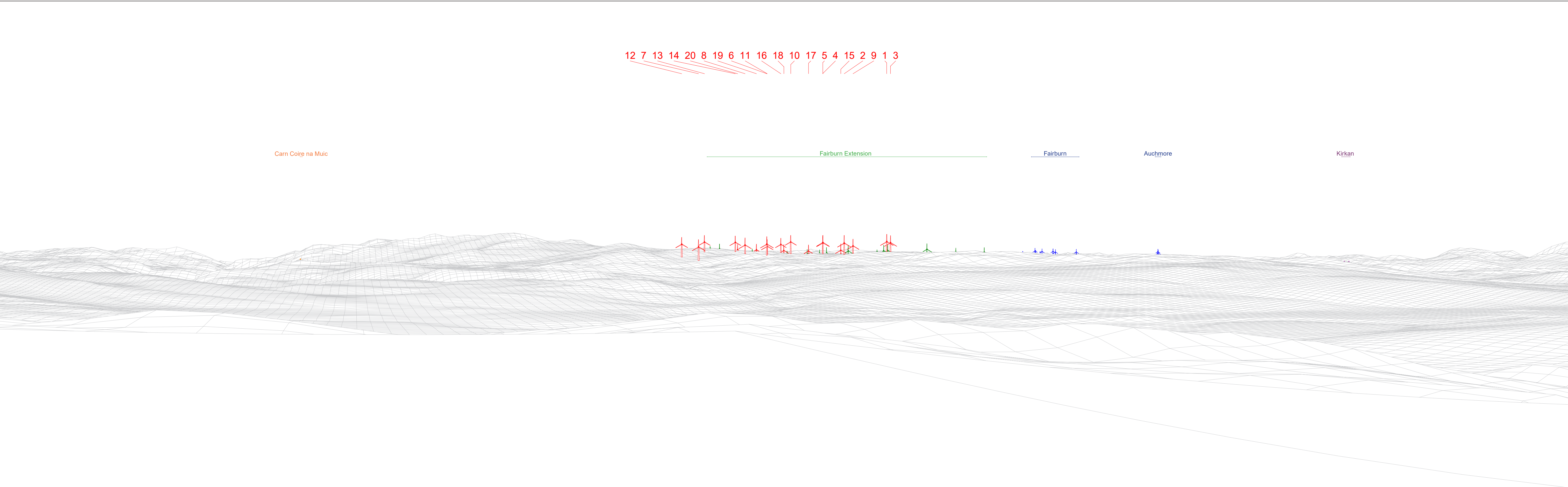
Visualisation 7.11
Viewpoint CHVP11
Wireline view from Breakachy Farm, on the
approach to Dun Mor, fort (SM4979; A39)

July 2025



View flat at a comfortable arm's length

Cultural Heritage Wirelines VPs 1-10 V4
Originator: UKG0W75



Wireline drawing

Wind Farm Key:

Ballach Wind Farm

Existing

Consented

Application

Scoping

OS reference:

Eye level:

Direction of view:

Nearest turbine:

E254 165, N842 044

221.4m AOD

295°

10,369m

Horizontal field of view:

Principal distance:

Paper size:

Correct printed image size:

90° (cylindrical projection)

522mm

841mm x 297mm (half A1)

820 x 260mm

Client

Ballach Wind Farm

EIA Report

Visualisation 7.12

Viewpoint CHVP12

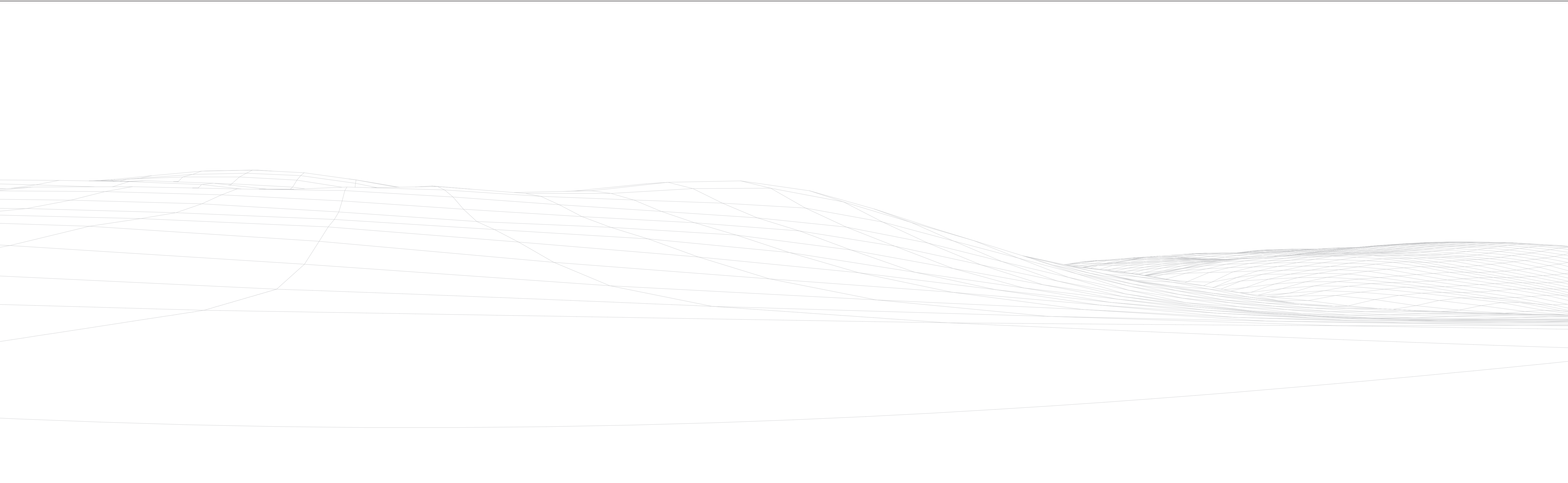
Wireline view from Castle Spynie, broch

(SM4653; A51)

View flat at a comfortable arm's length

July 2025

Cultural Heritage Wirelines VPs 1-10 V4
Originator: UKG0W75



Wireline drawing

Wind Farm Key:  Ballach Wind Farm  Existing  Consented  Application  Scoping

OS reference:	E240 210, N840 439	Horizontal field of view:	90° (cylindrical projection)
Eye level:	53.9m AOD	Principal distance:	522mm
Direction of view:	24°	Paper size:	841mm x 297mm (half A1)
Nearest turbine:	6,086m	Correct printed image size:	820 x 260mm

Client



Ballach Wind Farm
EIA Report

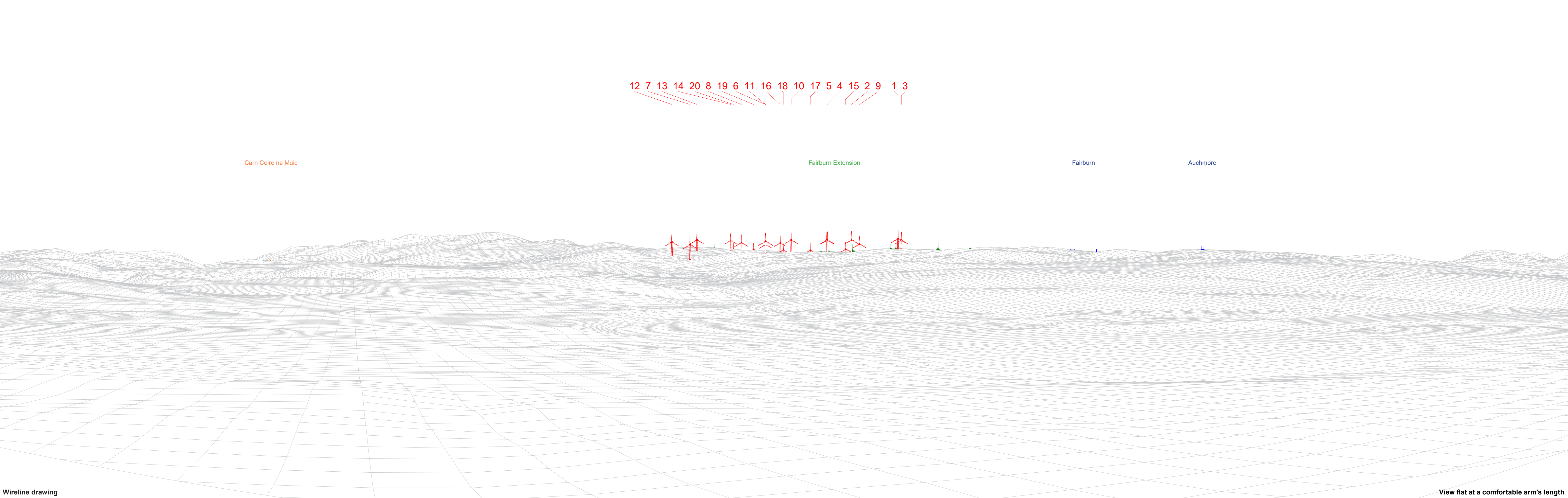
Visualisation 7.13
Viewpoint CHVP13
Wireline view from Struy Bridge looking towards
Erchless Castle,dun 650m WNW of (SM5004; A57)

July 2025



View flat at a comfortable arm's length

Cultural Heritage Wirelines VPs 1-10 V4
Originator: UKCSW775



Wireline drawing

Wind Farm Key: Ballach Wind Farm Existing Consented Application Scoping

OS reference:	E253 204, N842 439	Horizontal field of view:	90° (cylindrical projection)
Eye level:	178.6m AOD	Principal distance:	522mm
Direction of view:	295°	Paper size:	841mm x 297mm (half A1)
Nearest turbine:	9,335m	Correct printed image size:	820 x 260mm



Client
Ballach Wind Farm
EIA Report

Visualisation 7.14
Viewpoint CHVP14
Wireline view from the highest point
within Belladrum GDL (GDL00415; A59)

View flat at a comfortable arm's length

July 2025

