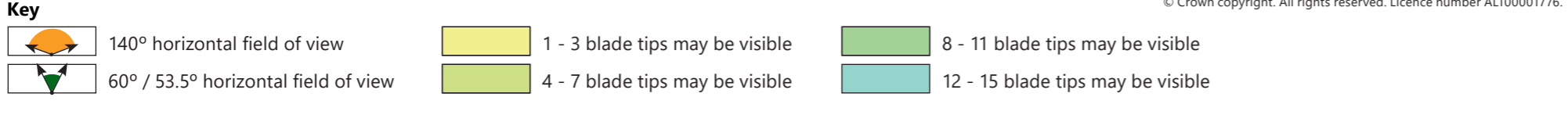
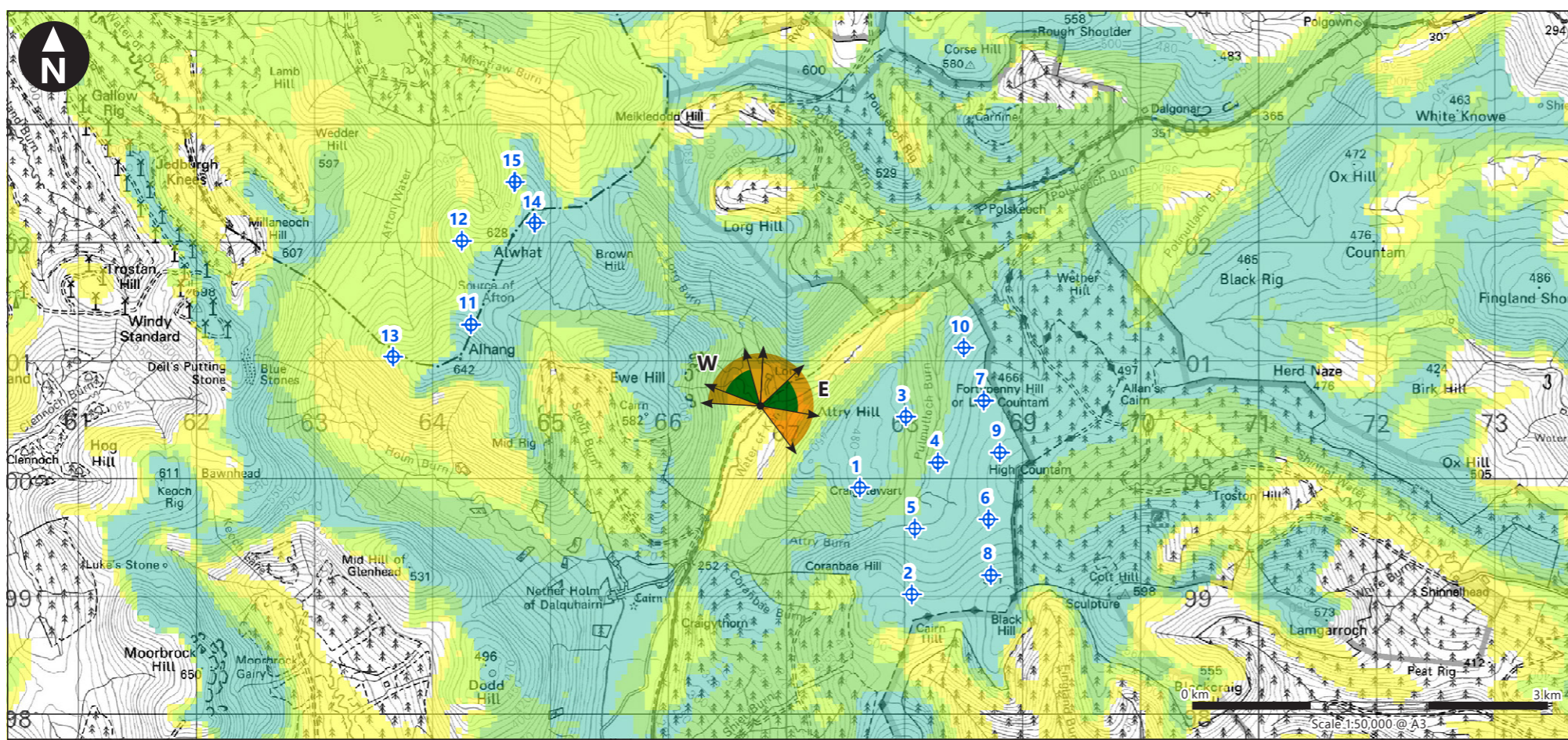
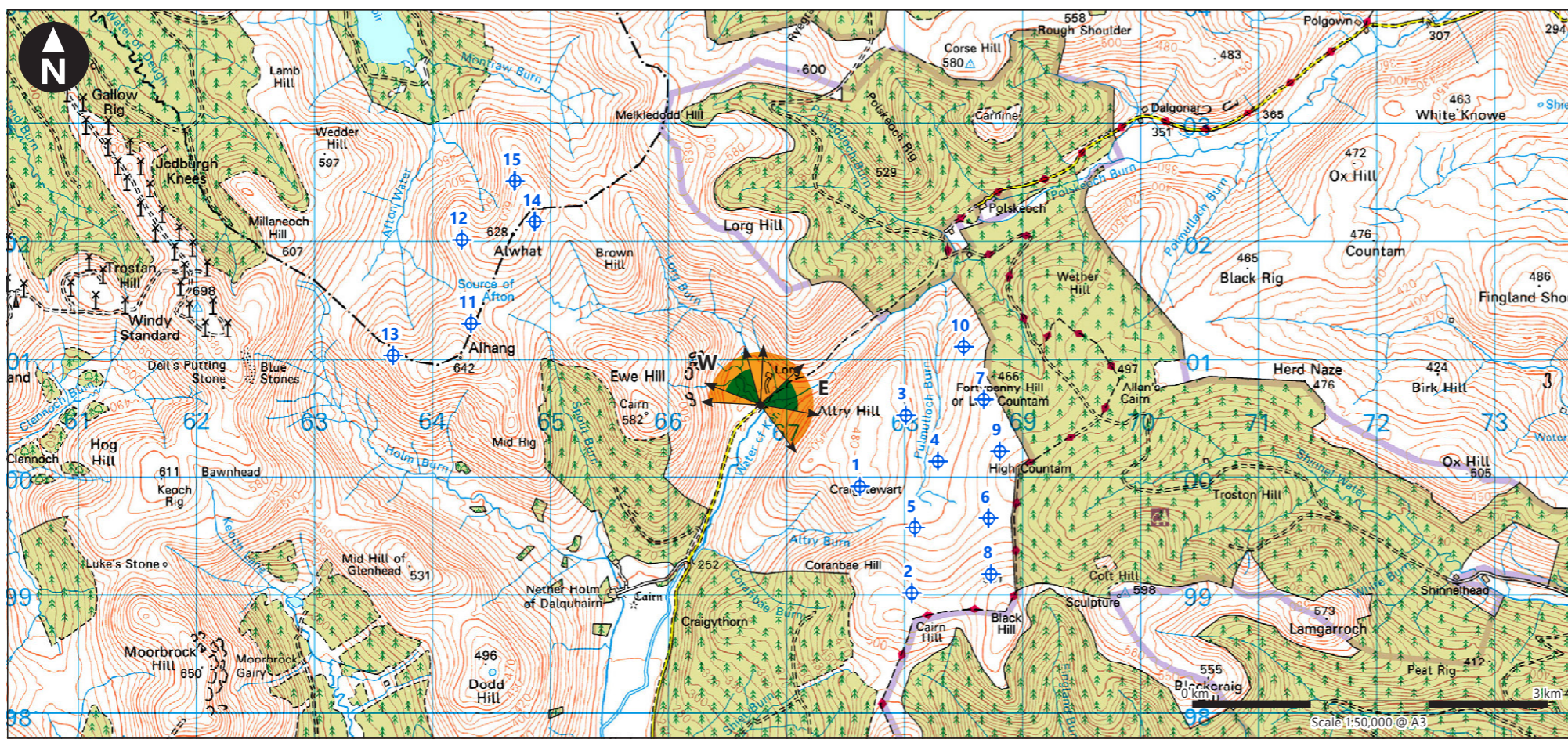


H:\data\Projects\32964 - 36 SUB Lorg FEI\A\040\Drawings\2022 536\VP3 Lorg Bridge 32964-GOS623\_R3.indd Originator: wilsc03



**Viewpoint Parameters**

OS reference:	E266 778, N600 612
Ground Level Elevation:	282m AOD
Camera Height:	1.5m AGL
Direction of view to site centre <sup>3</sup> :	91°
Distance to nearest turbine:	1,084m
Number of blade tips theoretically visible <sup>4</sup> :	3
Number of hubs theoretically visible <sup>4</sup> :	2
Date and time of viewpoint photography:	03/12/2018 @ 14:20
Camera:	Canon EOS 5D Mk2
Lens:	50mm (Canon EF 50mm f/1.8)

**Information on the limitations of visualisations:**

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

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

**Additional notes:**

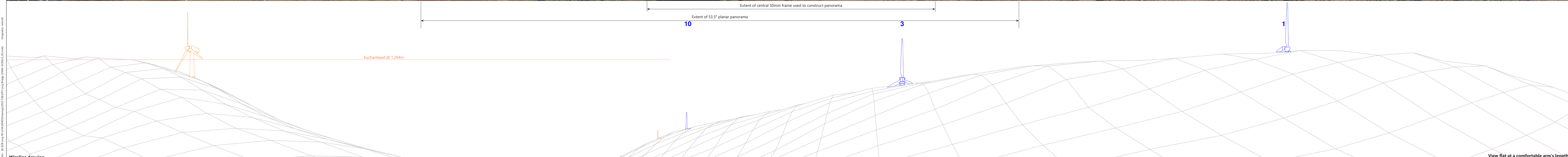
1. This figure has been based on the following parameters:  
Turbine layout file: LS36LORG2020019.WFL
  - Hub height: 119m
  - Rotor diameter: 162m
  - Height to blade tip: 200m
2. Turbine positions could be subject to micro-siting (typically up to 50m).
3. Direction given as bearing relative to Grid 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	
Lorg Wind Farm EIA Report	
<b>Figure 9.24a Viewpoint 3: Lorg Bridge</b>	
September 2022	

Baseline photograph

This image provides landscape and visual context only



Wireline drawing

Notes: In order to show the wider context on this wireframe and the baseline photo, the cylindrical projection has been increased from the standard 90° field of view to 140° field of view. The scale of the turbines remains unchanged and otherwise accords with the SNH Visual Representation of Wind Farms Guidance: Version 2.2, February 2017. Turbine 1 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Lorg Wind Farm Existing Consented Application Scoping

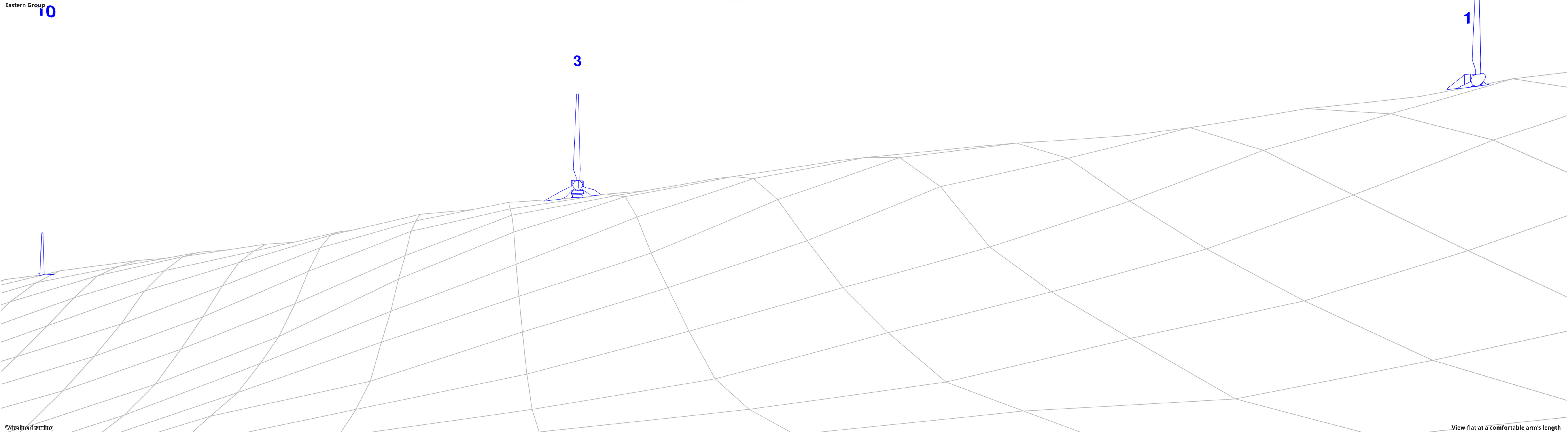
OS reference:	E266 778, N600 612	Horizontal field of view:	140° (cylindrical projection)	Camera:	Canon EOS 5D Mk2
Eye level:	283.5m AOD	Principal distance:	522mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	83°	Paper size:	1295mm x 297mm	Camera height:	1.5m AGL
Nearest turbine:	1,084m	Correct printed image size:	1275 x 130mm	Date and time:	03/12/2018 14:20

Client  
 RWE  
 Lorg Wind Farm  
 EIA Report

Figure V9.24b  
 Viewpoint 3: Lorg Bridge

View flat at a comfortable arm's length





Wireline drawing

Notes: In order to show all of the turbines on this photomontage and the wireline on the previous page, the planer projection has been increased from the standard 53.5° field of view to 60° field of view. The scale of the turbines remains unchanged and otherwise accords with the NatureScot Visual Representation of Wind Farms Guidance: Version 2.2, February 2017.  
Turbine 1 would be lit at the hub with a visible red aviation warning light.

Wind Farm Key: Long Wind Farm Existing Consented Application Scoping

OS reference:	E266 778, N600 612	Horizontal field of view:	60° (planar projection)	Camera:	Canon EOS 5D Mk2
Eye level:	283.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	53°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	1,084m	Correct printed image size:	820 x 260mm	Date and time:	03/12/2018 14:20

Client  
**RWE**

Long Wind Farm  
EIA Report

Figure 9.24c  
Viewpoint 3: Long Bridge

September 2022

View flat at a comfortable arm's length

H:\data\Projects\32954 - 36\_SUIB Long FEI\VA\DC40\Drawings\2022\_S36\VP3 Long Bridge 32954\_C05623\_R3.indd Originator: wis03



View flat at a comfortable arm's length

Note: In order to show all of the turbines on this photomontage and the wireline on the previous page, the planer projection has been increased from the standard 53.5° field of view to 60° field of view. The scale of the turbines remains unchanged and otherwise accords with the NatureScot Visual Representation of Wind Farms Guidance: Version 2.2, February 2017.

OS reference:	E266 778, N600 612	Horizontal field of view:	60° (planar projection)	Camera:	Canon EOS 5D Mk2
Eye level:	283.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	53°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	1,084m	Correct printed image size:	820 x 260mm	Date and time:	03/12/2018 14:20

Client

**RWE**

Lorg Wind Farm  
EIA Report

Figure 9.24d  
Viewpoint 3: Lorg Bridge



P:\Kilnash\Projects\329264 - 36\_SUIB\_Lorg FEI\W\DC40\Drawings\2022\_S36\WP3\_Lorg\_Bridge\_329264\_C05E23\_R3.indd Originator: wis03






Western Group - NO VIEW OF PROPOSED DEVELOPMENT

Originator: wilsco3

H:\data\Projects\32964 - 3p SUB Lorg FEI\LVA\DD40\Drawings\2022\3p\WP3 Lorg Bridge\_22964-G066523\_R3.indd

Wireline drawing

View flat at a comfortable arm's length

Wind Farm Key:  Lorg Wind Farm  Existing  Consented  Application  Scoping

OS reference:	E266 778, N600 612	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mk2
Eye level:	283.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	294°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	1,084m	Correct printed image size:	820 x 260mm	Date and time:	03/12/2018 14:20

Client 

Lorg Wind Farm  
EIA Report

Figure 9.24e  
Viewpoint 3: Lorg Bridge

September 2022



Western Group - NO VIEW OF PROPOSED DEVELOPMENT



Photomontage

View flat at a comfortable arm's length

OS reference:	E266 778, N600 612	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mk2
Eye level:	283.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	294°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	1,084m	Correct printed image size:	820 x 260mm	Date and time:	03/12/2018 14:20

Client



Lorg Wind Farm  
EIA Report

**Figure 9.24f**  
**Viewpoint 3: Lorg Bridge**

September 2022



H:\Data\Projects\32964 - 36 SUB Lorg FEI\LVA\LD40\Drawings\2022\36\WPS Lorg Bridge\_32964-G06623\_03.mxd Originator: wisc03



Photomontage

Note: In order to show the wider context on this photomontage, the cylindrical projection has been increased from the standard 90° field of view to 140° field of view. The scale of the turbines remains unchanged and otherwise accords with the SNH Visual Representation of Wind Farms Guidance: Version 2.2, February 2017.

OS reference:	E266 778, N600 612	Horizontal field of view:	140° (cylindrical projection)	Camera:	Canon EOS SD Mk2
Eye level:	283.5m AOD	Principal distance:	522mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	83°	Paper size:	1295mm x 297mm	Camera height:	1.5m AGL
Nearest turbine:	1.084m	Correct printed image size:	1275 x 260mm	Date and time:	03/12/2018 14:20

Client

Lorg Wind Farm  
EIA Report

**Figure 9.24g**  
**Viewpoint 3: Lorg Bridge**

View flat at a comfortable arm's length

H:\data\Project\1510964 - 16\_SIB\_Lorg\_FEI\VA\DO\Drawings\2022\_SIB\WP3\_Lorg\_Bridge\_32964\_G05623\_03.mxd Originator: wjk03