

Key		
	90° horizontal field of view	
	1 blade tip may be visible	
	2 blade tips may be visible	
	3 blade tips may be visible	
	4 blade tips may be visible	

Viewpoint Parameters

OS reference:	E319 660, N200 695
Ground Level Elevation:	304m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	136°
Distance to nearest turbine:	5,062m
Number of blade tips theoretically visible ⁴ :	4
Number of hubs theoretically visible ⁴ :	4
Date and time of viewpoint photography:	05/03/2021 @ 13:37
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:

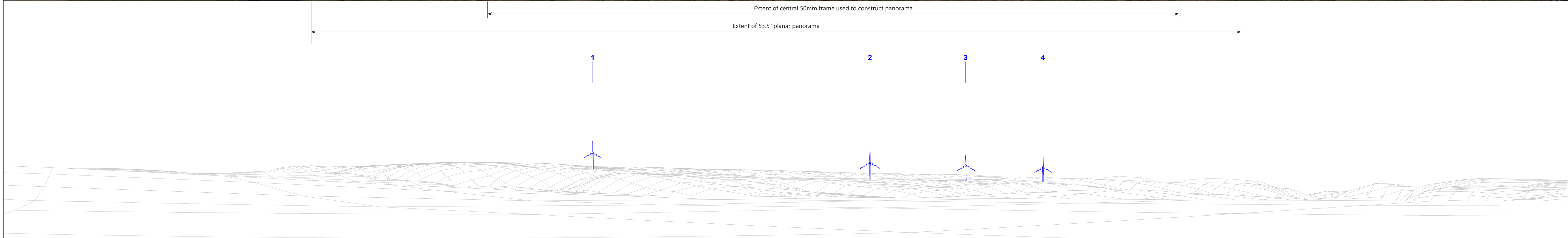
1. This figure has been based on the following parameters:
Turbine layout file: LTRCELYN001.WFL
 - Hub height: 84.5m
 - Rotor diameter: 117m
 - Height to blade tip: 143m
2. Turbine positions could be subject to micro-siting (typically up to 50m).
3. Direction given as bearing relative to Grid North (BNG).
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.

Client
Trecelyn Wind Farm Landscape and Visual Impact Assessment

Figure 6.25a
Viewpoint 7: Pen-y-Fan Pond Country Park



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Wireline drawing										View flat at a comfortable arm's length	
OS reference:	E319 660, N200 695	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 5D Mk2	Client:	Trecelyn Wind Farm		Figure 6.25b Viewpoint 7: Pen-y-Fan Pond Country Park		October 2023
Eye level:	305.5m AOD	Principal distance:	522mm	Lens:	50mm (Canon EF 50mm f/1.8)	Landscape and Visual Impact Assessment					
Direction of view:	136°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL						
Nearest turbine:	5,062m	Correct printed image size:	820 x 130mm	Date and time:	05/03/2021 13:37						
Wind Farm Key: Trecelyn Wind Farm											



Southeast View

Mynydd Llanhilleth @ 3,623m

Mynydd Maen @ 5,570m

1




2

3


4

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Wireline drawing

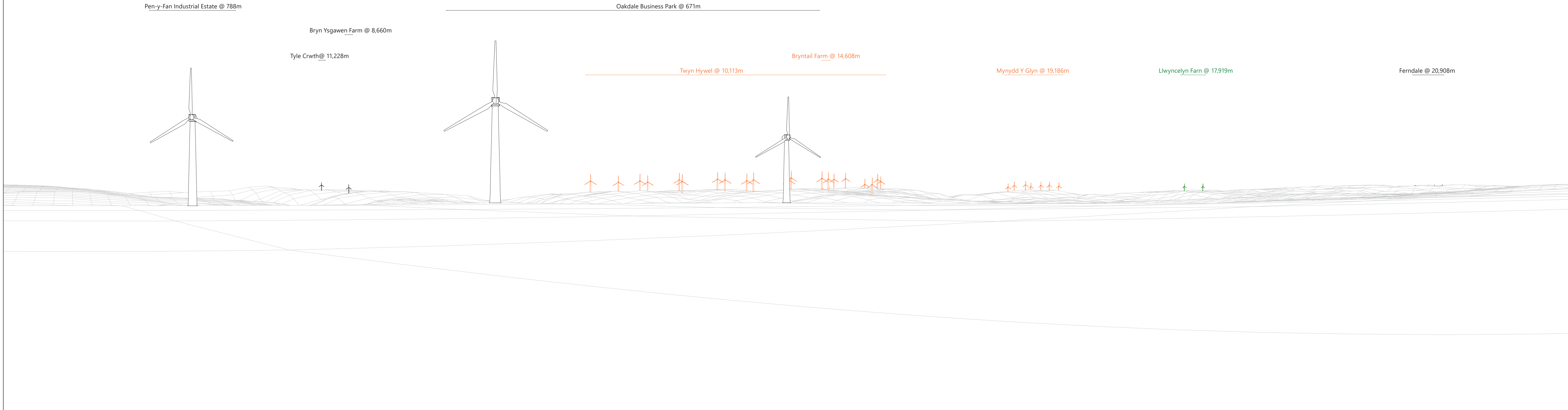
Wind Farm Key:  Trecelyn Wind Farm  Existing  Consented  Application  Scoping

OS reference:	E319 660, N200 695	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 5D Mk2
Eye level:	305.5m AOD	Principal distance:	522mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	136°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	5,062m	Correct printed image size:	820 x 130mm	Date and time:	05/03/2021 13:37

Client:	Trecelyn Wind Farm Landscape and Visual Impact Assessment	Figure 6.25c Viewpoint 7: Pen-y-Fan Pond Country Park	October 2023	
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View flat at a comfortable arm's length

Southwest View



Wireline drawing

Wind Farm Key: Trecelyn Wind Farm Existing Consented Application Scoping

OS reference:	E319 660, N200 695	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 5D Mk2
Eye level:	305.5m AOD	Principal distance:	522mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	136°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	5,062m	Correct printed image size:	820 x 130mm	Date and time:	05/03/2021 13:37

Client

Trecelyn Wind Farm
Landscape and Visual Impact Assessment

Figure 6.25d
Viewpoint 7: Pen-y-Fan Pond Country Park

October 2023

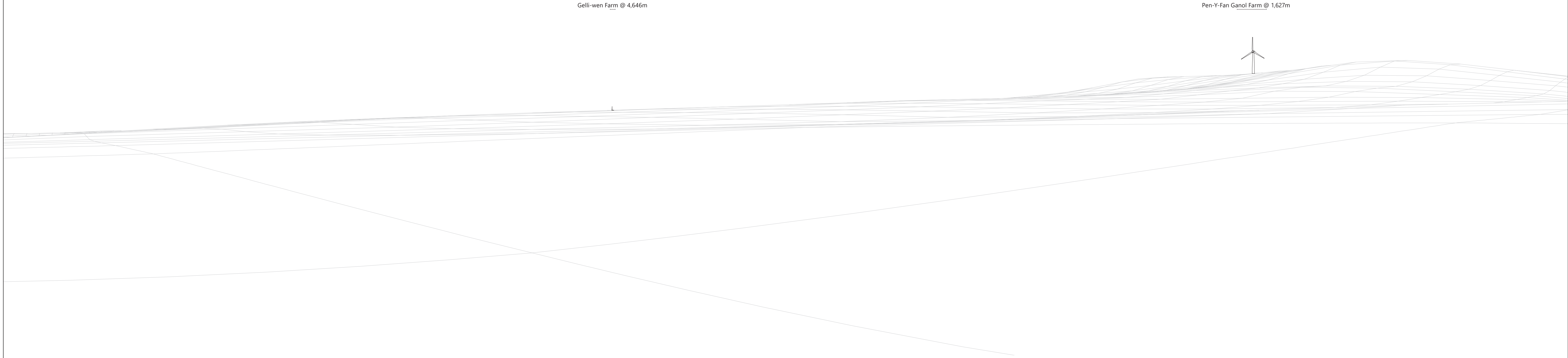


View flat at a comfortable arm's length

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Northwest View

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Wireline drawing

Wind Farm Key: Trecelyn Wind Farm Existing Consented Application Scoping

OS reference:	E319 660, N200 695	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 5D Mk2
Eye level:	305.5m AOD	Principal distance:	522mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	136°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	5,062m	Correct printed image size:	820 x 130mm	Date and time:	05/03/2021 13:37

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Trecelyn Wind Farm
Landscape and Visual Impact Assessment

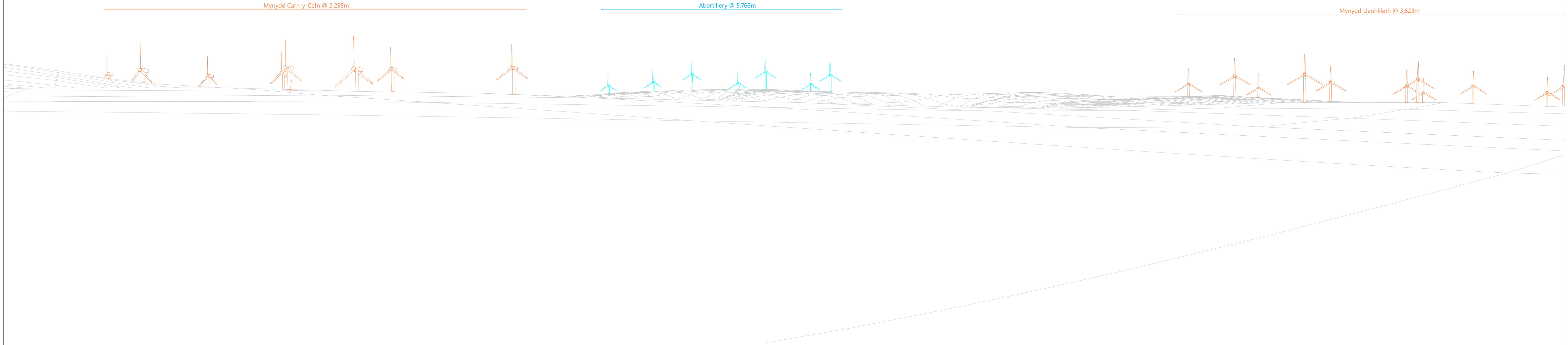
Figure 6.25e
Viewpoint 7: Pen-y-Fan Pond Country Park

October 2023



View flat at a comfortable arm's length

Northeast View



Wireline drawing

Wind Farm Key: Trecelyn Wind Farm Existing Consented Application Scoping

OS reference:	E319 660, N200 695	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 5D Mk2
Eye level:	305.5m AOD	Principal distance:	522mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	136°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	5,062m	Correct printed image size:	820 x 130mm	Date and time:	05/03/2021 13:37

Client
Trecelyn Wind Farm
Landscape and Visual Impact Assessment

Figure 6.25f
Viewpoint 7: Pen-y-Fan Pond Country Park

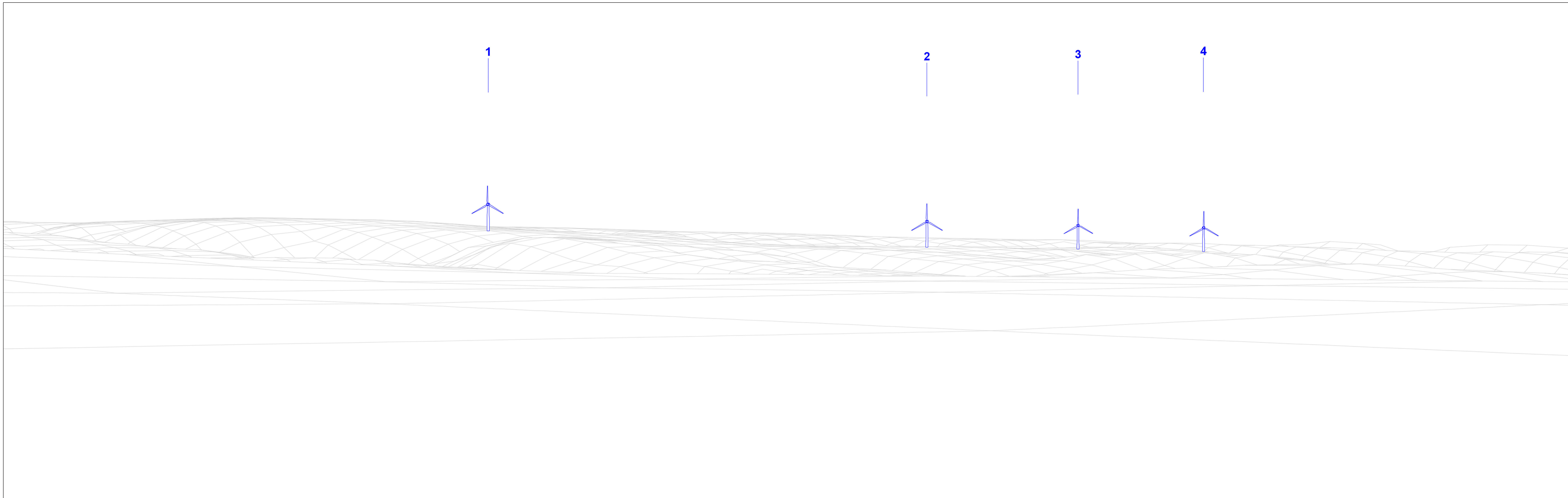
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View flat at a comfortable arm's length

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Wind Farm Key:  Trecelyn Wind Farm

OS reference:	E319 660, N200 695	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mk2
Eye level:	305.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	136°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	5,062m	Correct printed image size:	820 x 260mm	Date and time:	05/03/2021 13:37

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Landscape and Visual Impact Assessment

Figure 6.25g
Viewpoint 7: Pen-y-Fan Pond Country Park

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Photomontage

View flat at a comfortable arm's length

OS reference:	E319 660, N200 695	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mk2
Eye level:	305.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	136°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	5,062m	Correct printed image size:	820 x 260mm	Date and time:	05/03/2021 13:37

Client
Trecelyn Wind Farm
Landscape and Visual Impact Assessment

Figure 6.25h
Viewpoint 7: Pen-y-Fan Pond Country Park

October 2023



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Photomontage

View flat at a comfortable arm's length

OS reference:	E319 660, N200 695	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 5D Mk2
Eye level:	305.5m AOD	Principal distance:	522mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	59°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	2,407m	Correct printed image size:	820 x 260mm	Date and time:	05/03/2021 13:37

Client

Trecelyn Wind Farm
Landscape and Visual Impact Assessment

Figure 6.25i
Viewpoint 7: Pen-y-Fan Pond Country Park

October 2023

