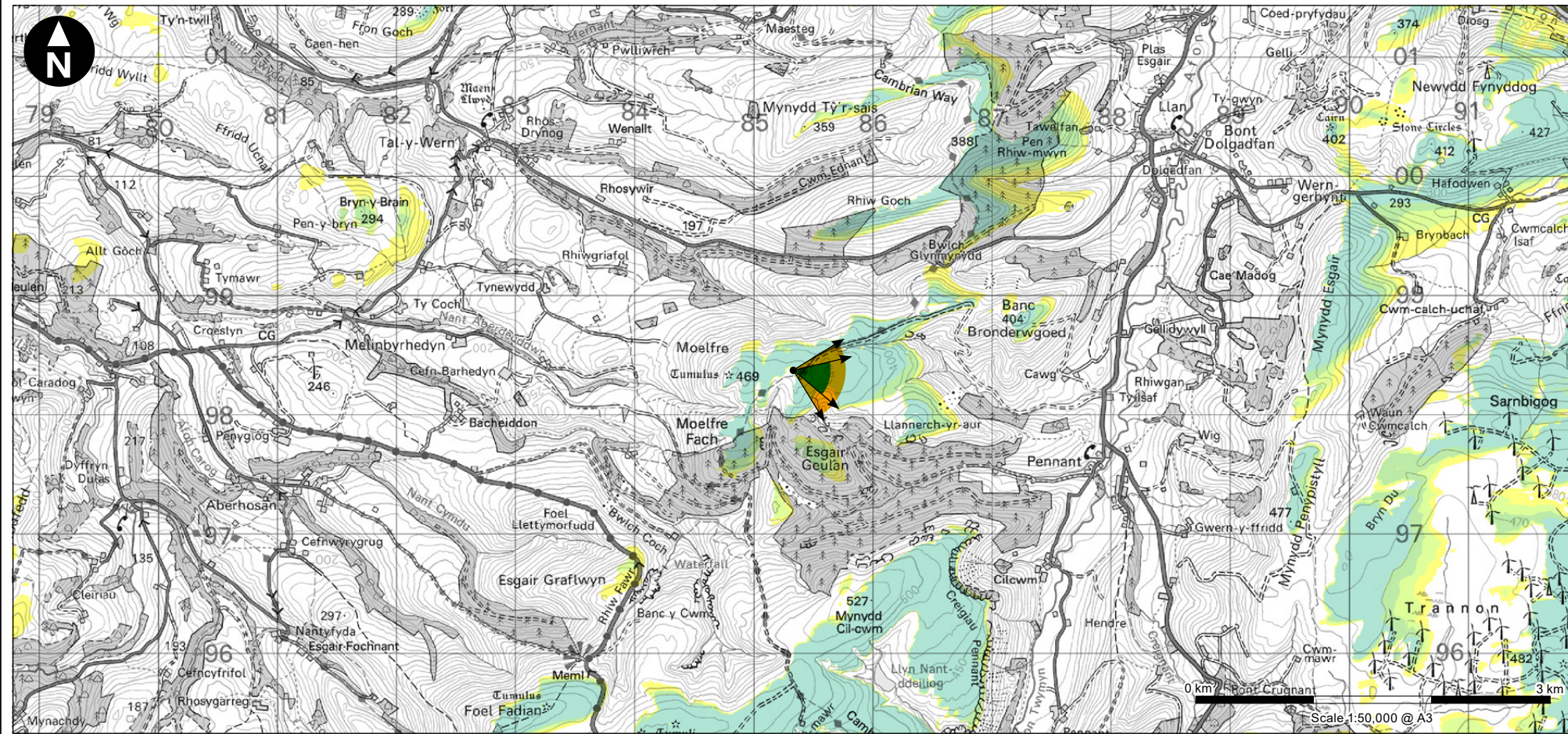
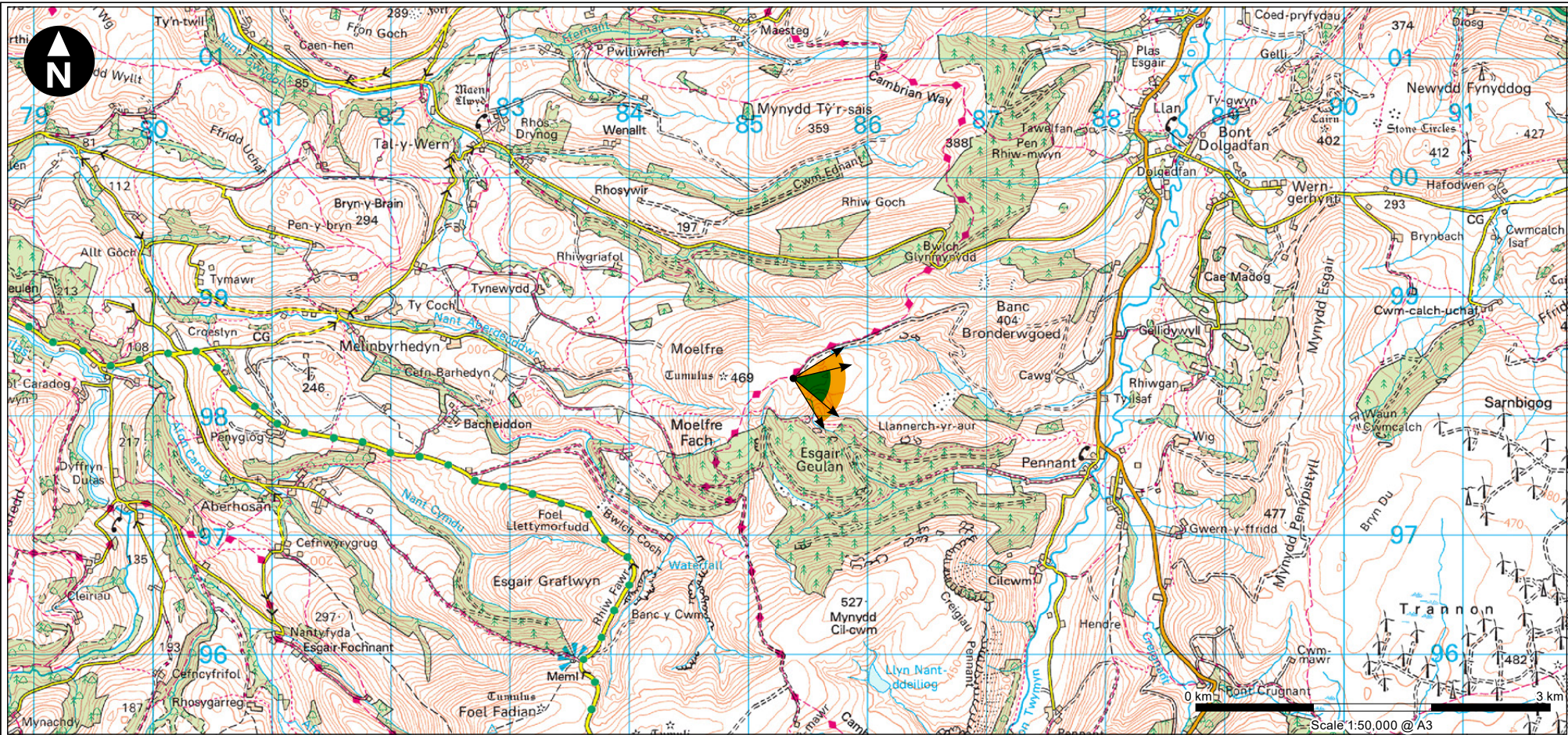


Viewpoint Parameters

OS reference:	E285 378, N298 317
Ground Level Elevation:	447m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	90°
Distance to nearest turbine:	13,883m
Number of blade tips theoretically visible ⁴ :	11
Number of hubs theoretically visible ⁴ :	10
Date and time of viewpoint photography:	22/04/2026 @ 13:31
Camera:	Sony Alpha 7R III
Lens:	Sony FE 50mm F1.2 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:

- This figure has been based on the following parameters:
Turbine layout file:
LCALONYGWENT_04_DnFrz_11T.WFL
 - Hub height: 118.5m
 - Height to blade tip: 180m / 200m
- Turbine positions could be subject to micro-siting (typically up to 50m).
- Direction given as bearing relative to Grid North (BNG).
- 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

wind2

Calon y Gwynt
Environmental Statement

Figure 7.27a
Viewpoint 12
Cambrian Way, west of Bont Dolgadfan
looking east

May 2026

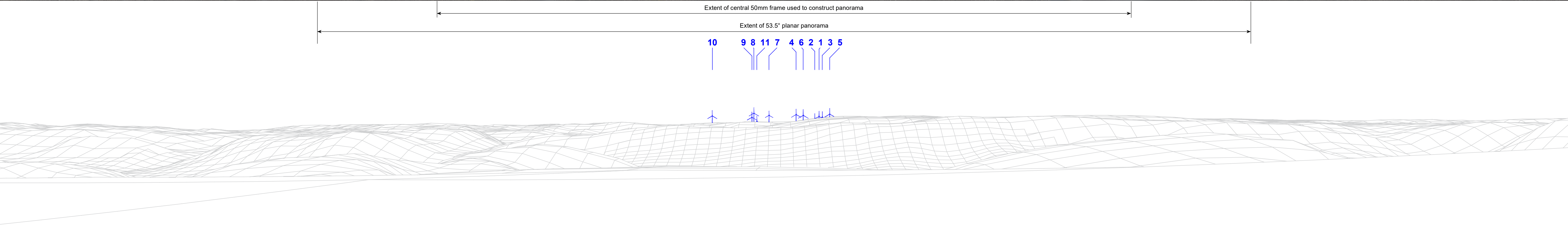
wsp

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Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

Wind Farm Key:  Calon y Gwynt Wind Farm

OS reference:	E285 378, N298 317	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony Alpha 7R III
Eye level:	448.5m AOD	Principal distance:	522mm	Lens:	Sony FE 50mm F1.2 GM
Direction of view:	103°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	T7 @ 13,883m	Correct printed image size:	820 x 130mm	Date and time:	22/04/2026 13:31



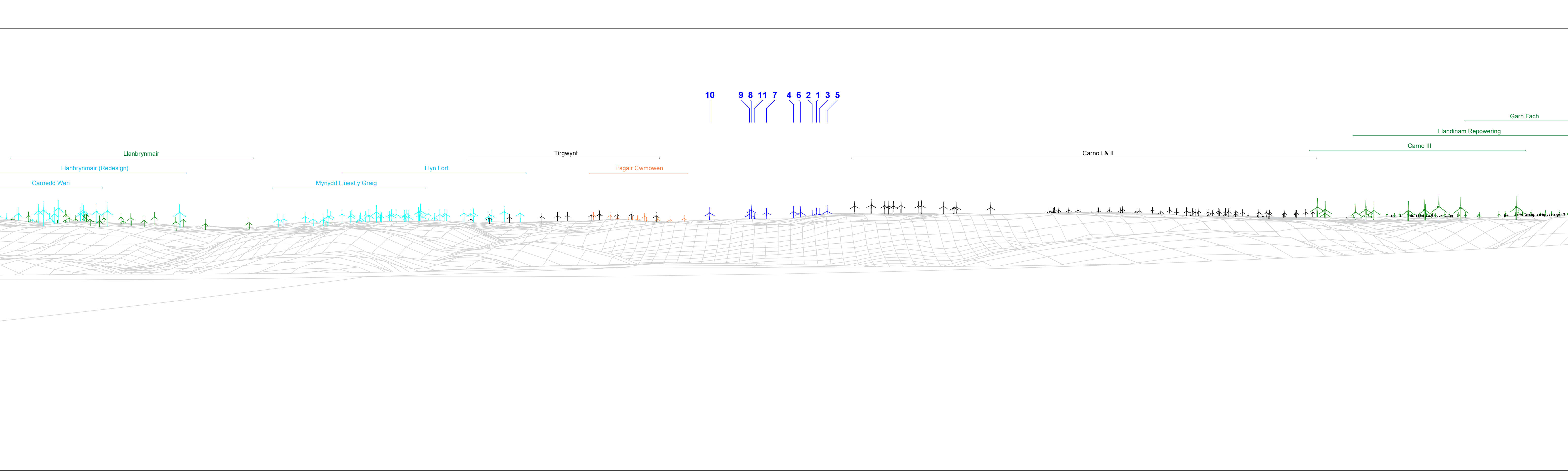
Client
Calon y Gwynt
Environmental Statement

Figure 7.27b
Viewpoint 12
Cambrian Way, west of Bont Dolgadfan
looking east

May 2026



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Originator: CLB7/5

Garn Fach

Llandinam Repowering

Viewpoint 12

Wireline drawing

Wind Farm Key:  Calon y Gwynt Wind Farm  Existing  Consented  Application  Scoping

OS reference:	E285 378, N298 317	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony Alpha 7R III
Eye level:	448.5m AOD	Principal distance:	522mm	Lens:	Sony FE 50mm F1.2 GM
Direction of view:	103°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	T7 @ 13,883m	Correct printed image size:	820 x 130mm	Date and time:	22/04/2026 13:31

Client



Calon y Gwynt
Environmental Statement

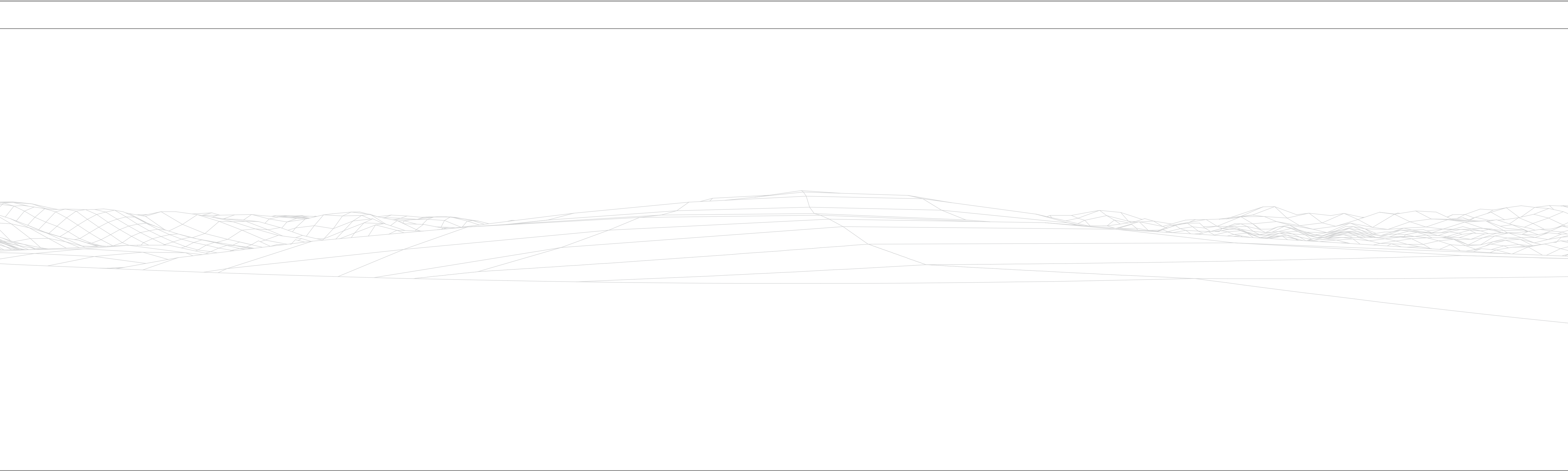
Figure 7.27d
Viewpoint 12
Cambrian Way, west of Bont Dolgadfan
looking east

May 2026



View flat at a comfortable arm's length

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Wireline drawing

View flat at a comfortable arm's length

Wind Farm Key:  Calon y Gwynt Wind Farm  Existing  Consented  Application  Scoping

OS reference:	E285 378, N298 317	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony Alpha 7R III
Eye level:	448.5m AOD	Principal distance:	522mm	Lens:	Sony FE 50mm F1.2 GM
Direction of view:	103°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	T7 @ 13,883m	Correct printed image size:	820 x 130mm	Date and time:	22/04/2026 13:31

Client



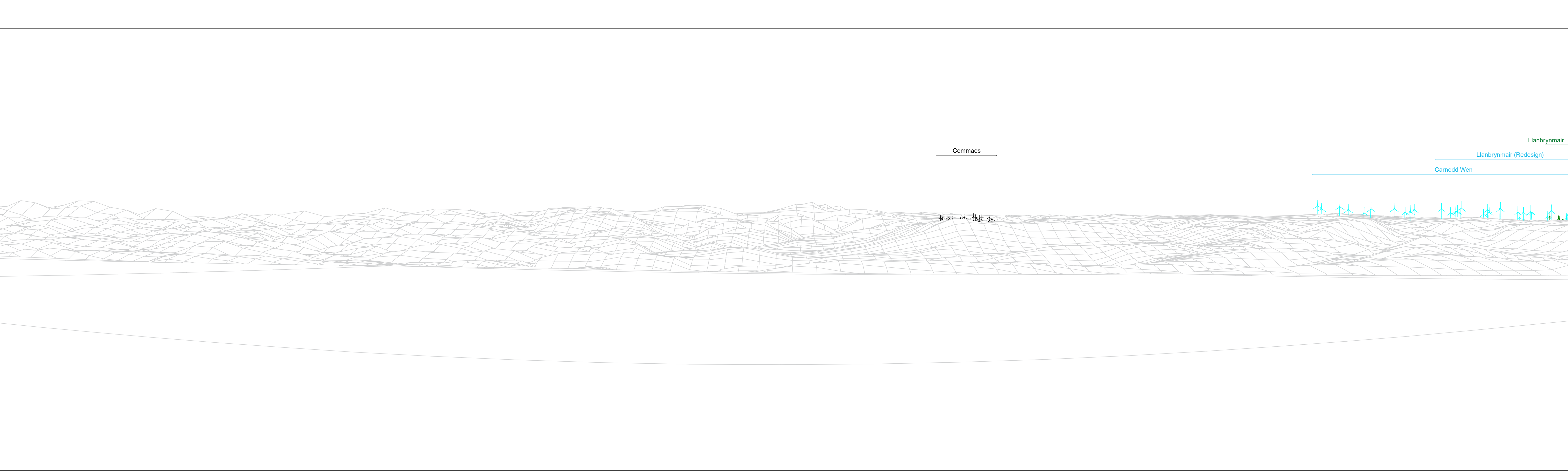
Calon y Gwynt
Environmental Statement

Figure 7.27e
Viewpoint 12
Cambrian Way, west of Bont Dolgadfan
looking east

May 2026



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Wireline drawing

Wind Farm Key: Calon y Gwynt Wind Farm Existing Consented Application Scoping

OS reference:	E285 378, N298 317	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony Alpha 7R III
Eye level:	448.5m AOD	Principal distance:	522mm	Lens:	Sony FE 50mm F1.2 GM
Direction of view:	103°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	T7 @ 13,883m	Correct printed image size:	820 x 130mm	Date and time:	22/04/2026 13:31

Client



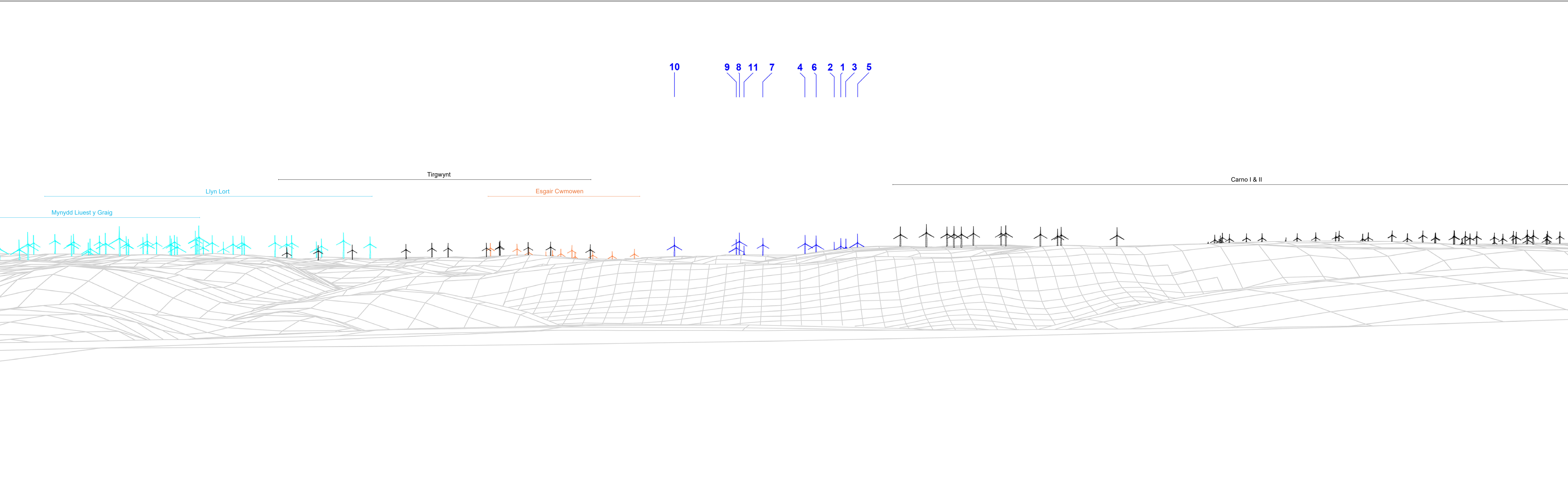
Calon y Gwynt
Environmental Statement

Figure 7.27f
Viewpoint 12
Cambrian Way, west of Bont Dolgadfan
looking east

May 2026



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Wireline drawing

Wind Farm Key: Calon y Gwynt Wind Farm Existing Consented Application Scoping

OS reference:	E285 378, N298 317	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony Alpha 7R III
Eye level:	448.5m AOD	Principal distance:	522mm	Lens:	Sony FE 50mm F1.2 GM
Direction of view:	103°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	T7 @ 13,883m	Correct printed image size:	820 x 130mm	Date and time:	22/04/2026 13:31



Client
Calon y Gwynt
Environmental Statement

Figure 7.27g
Viewpoint 12
Cambrian Way, west of Bont Dolgadfan
looking east

May 2026



View flat at a comfortable arm's length

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Photomontage

View flat at a comfortable arm's length

OS reference:	E285 378, N298 317	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony Alpha 7R III
Eye level:	448.5m AOD	Principal distance:	522mm	Lens:	Sony FE 50mm F1.2 GM
Direction of view:	103°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	T7 @ 13,883m	Correct printed image size:	820 x 130mm	Date and time:	22/04/2026 13:31

Client

wind2

Calon y Gwynt
Environmental Statement

Figure 7.27h
Viewpoint 12
Cambrian Way, west of Bont Dolgadfan
looking east

May 2026





View flat at a comfortable arm's length

OS reference:	E285 378, N298 317	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony Alpha 7R III
Eye level:	448.5m AOD	Principal distance:	522mm	Lens:	Sony FE 50mm F1.2 GM
Direction of view:	103°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	T7 @ 13,883m	Correct printed image size:	820 x 130mm	Date and time:	22/04/2026 13:31

Clien



Calon y Gwynt Environmental Statement

Figure 7.27i
Viewpoint 12
Cambrian Way, west of Bont Dolgadfan
looking east

May 2026

