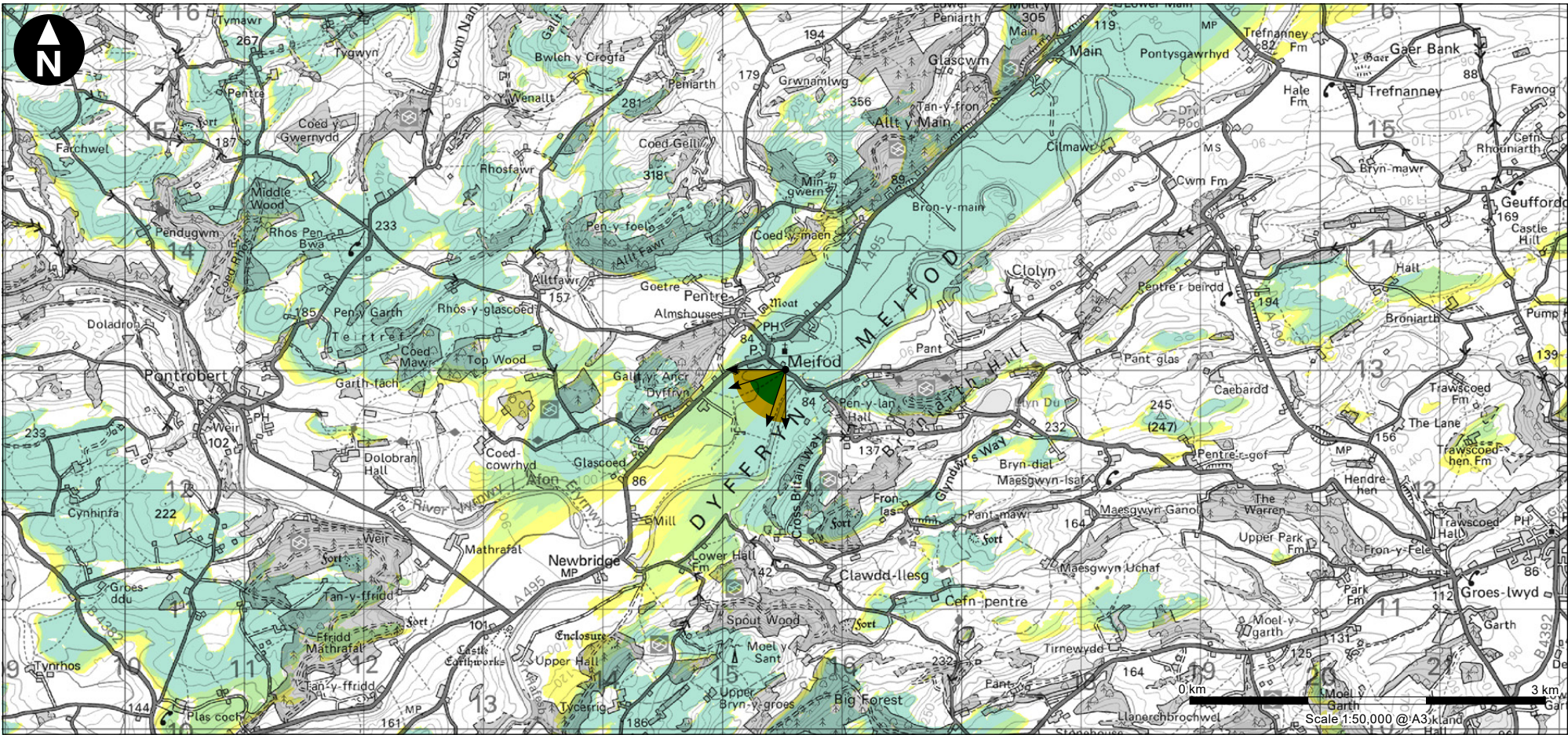
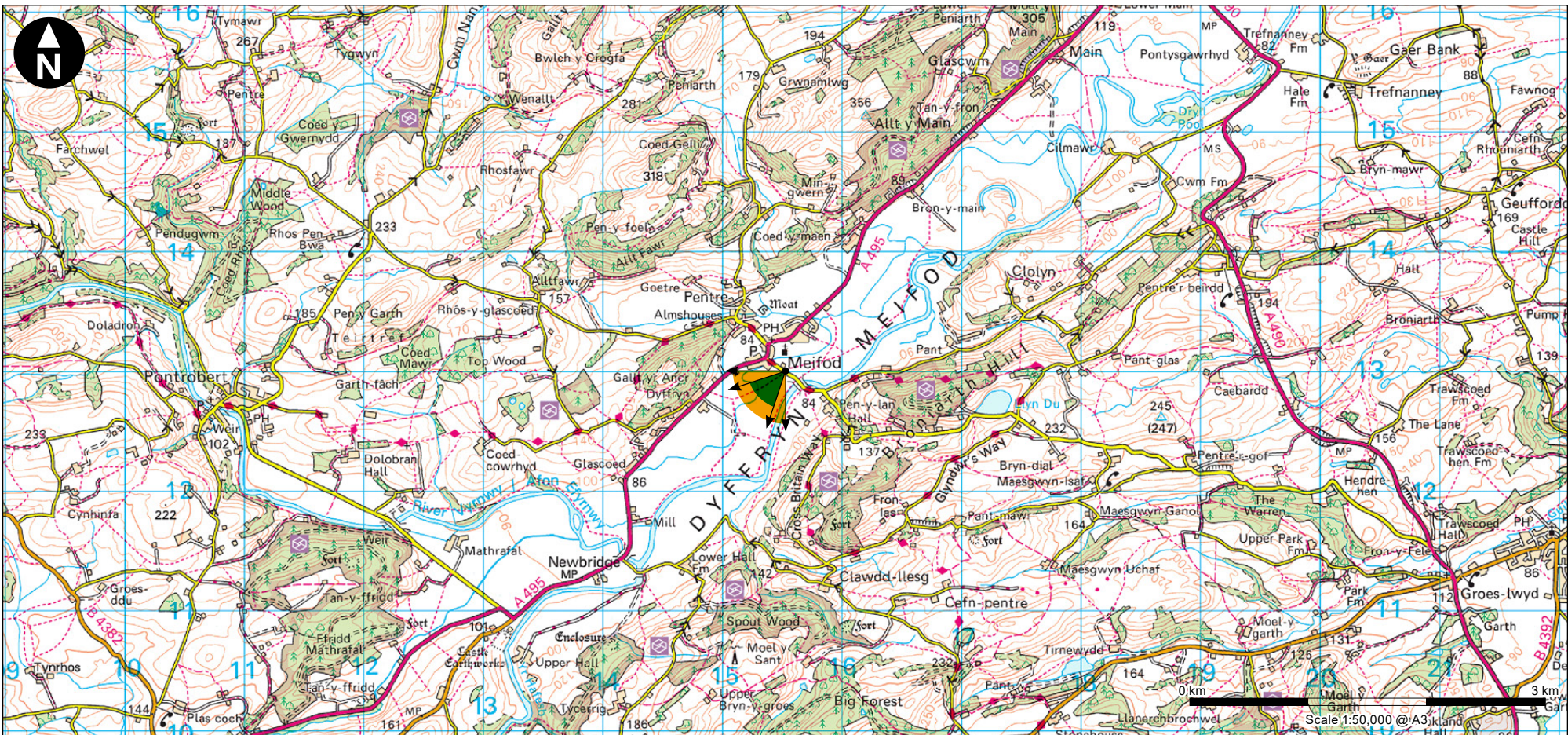


Viewpoint Parameters

OS reference:	E315 524, N312 994
Ground Level Elevation:	271m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	226°
Distance to nearest turbine:	20,322m
Number of blade tips theoretically visible ⁴ :	11
Number of hubs theoretically visible ⁴ :	2
Date and time of viewpoint photography:	11/12/2025 @ 14:01
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:

1. 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
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

wind2

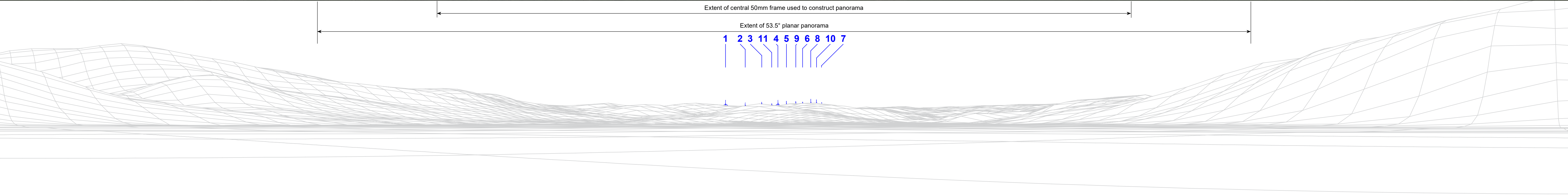
Calon y Gwynt
Environmental Statement

Figure 7.31a
Viewpoint 16
Glyndwr's Way, Meifod looking south-west

May 2026

wsp

C:\Users\UKLE77\OneDrive\Documents\Calon y Gwynt - Documents\03 WPSB - Landscape & Visual Drawings\inDesign\2026-04 EIA Report\Figure 7.31a-1 Viewpoint 16 02282400-WSP-DA-04-1.mod
Originator: CLB/75



Wireline drawing

Wind Farm Key:  Calon y Gwynt Wind Farm

OS reference:	E315 524, N312 994	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony Alpha 7R III
Eye level:	85.5m AOD	Principal distance:	522mm	Lens:	Sony FE 50mm F1.2 GM
Direction of view:	225°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	T11 @ 20.322m	Correct printed image size:	820 x 130mm	Date and time:	11/12/2025 14:01



Client
Calon y Gwynt
Environmental Statement

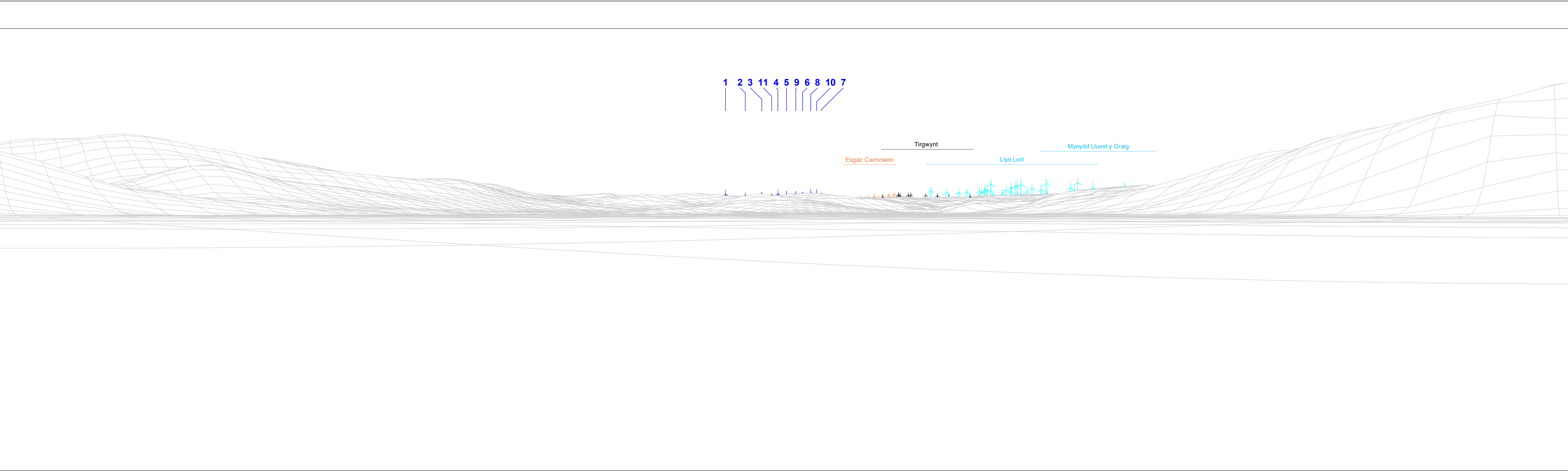
Figure 7.31b
Viewpoint 16
Glyndwr's Way, Meifod

View flat at a comfortable arm's length

May 2026



C:\Users\UKCLE77\WSP 0365\Wind2 - Calon y Gwynt - Documents\03 WIP\03 - Landscape & Visual\Drawings\inDesign\2026-04 EIA Report\Figure 7.31a-1 Viewpoint 16 62262400-WSP-DA-04.indd Originator: CLB75



Wireline drawing

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

OS reference:	E315 524, N312 994	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony Alpha 7R III
Eye level:	85.5m AOD	Principal distance:	522mm	Lens:	Sony FE 50mm F1.2 GM
Direction of view:	225°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	T11 @ 20.322m	Correct printed image size:	820 x 130mm	Date and time:	11/12/2025 14:01

Client



Calon y Gwynt
Environmental Statement

Figure 7.31c
Viewpoint 16
Glyndwr's Way, Meifod looking south-
west

May 2026



View flat at a comfortable arm's length

Originator: CLB775

C:\Users\UKCLE77\WSP 0365\Wind2 - Calon y Gwynt - Documents\03 WIP\03 - Landscape & Visual\Drawings\inDesign\2026-04 EIA Report\Figure 7.31a-1 Viewpoint 16 62262400-WSP-DA-04.indd

Wireline drawing

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

OS reference:	E315 524, N312 994	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony Alpha 7R III
Eye level:	85.5m AOD	Principal distance:	522mm	Lens:	Sony FE 50mm F1.2 GM
Direction of view:	225°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	T11 @ 20.322m	Correct printed image size:	820 x 130mm	Date and time:	11/12/2025 14:01

Client



Calon y Gwynt
Environmental Statement

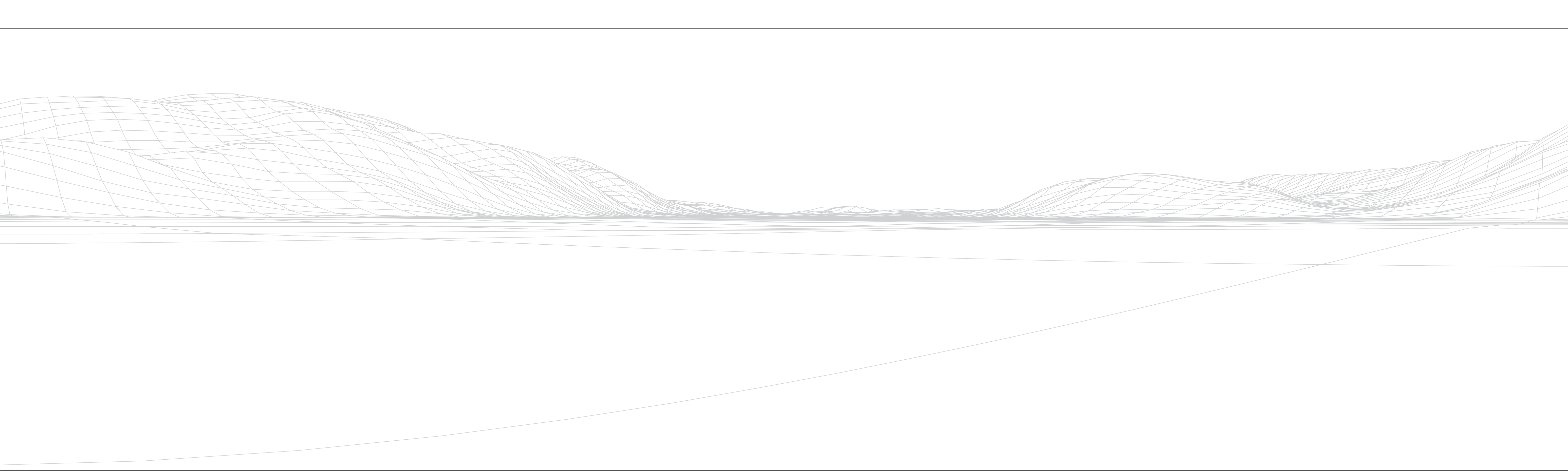
Figure 7.31d
Viewpoint 16
Glyndwr's Way, Meifod looking south-
west

May 2026



View flat at a comfortable arm's length

C:\Users\UKLE77\WSP 0365\Wind2 - Calon y Gwynt - Documents\03 WIP\03 - Landscape & Visual\Drawings\inDesign\2026-04 EIA Report\Figure 7.31a-1 Viewpoint 16 62262400-WSP-DA-04.indd Originator: CLB775



Wireline drawing

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

OS reference:	E315 524, N312 994	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony Alpha 7R III
Eye level:	85.5m AOD	Principal distance:	522mm	Lens:	Sony FE 50mm F1.2 GM
Direction of view:	225°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	T11 @ 20.322m	Correct printed image size:	820 x 130mm	Date and time:	11/12/2025 14:01

Client



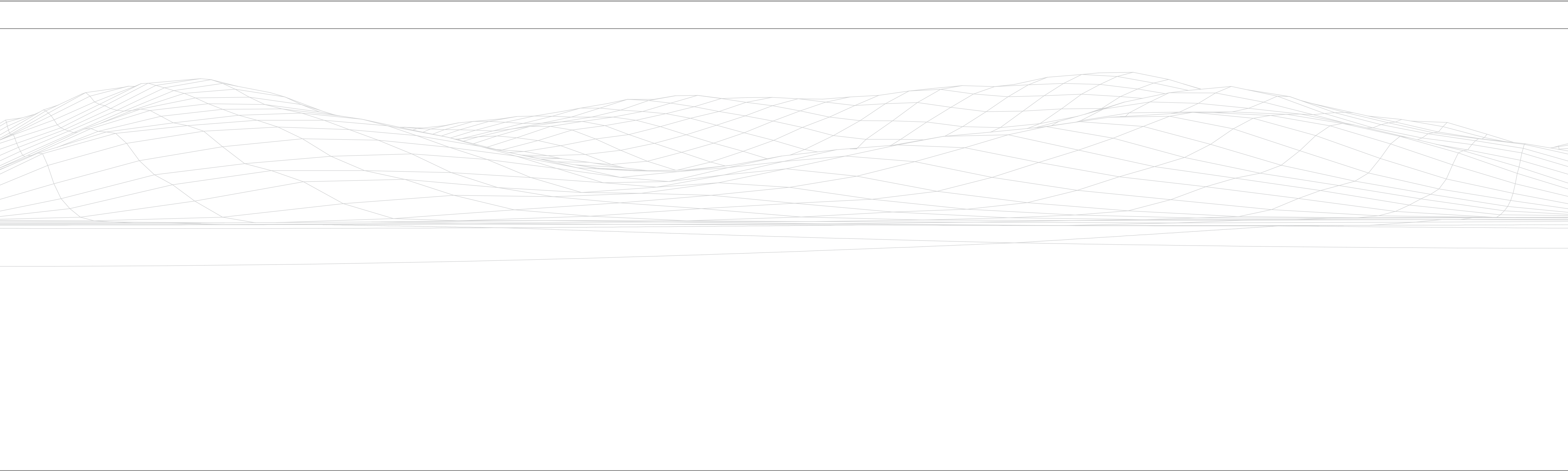
Calon y Gwynt
Environmental Statement

Figure 7.31e
Viewpoint 16
Glyndwr's Way, Meifod looking south-
west

May 2026



C:\Users\UKCLE77\WSP 0365\Wind2 - Calon y Gwynt - Documents\03 WIP\03 - Landscape & Visual\Drawings\inDesign\2026-04 EIA Report\Figure 7.31a-1 Viewpoint 16 62262400-WSP-DA-04.indd Originator: CLB775



Wireline drawing

View flat at a comfortable arm's length

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

OS reference:	E315 524, N312 994	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony Alpha 7R III
Eye level:	85.5m AOD	Principal distance:	522mm	Lens:	Sony FE 50mm F1.2 GM
Direction of view:	225°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	T11 @ 20.322m	Correct printed image size:	820 x 130mm	Date and time:	11/12/2025 14:01

Client



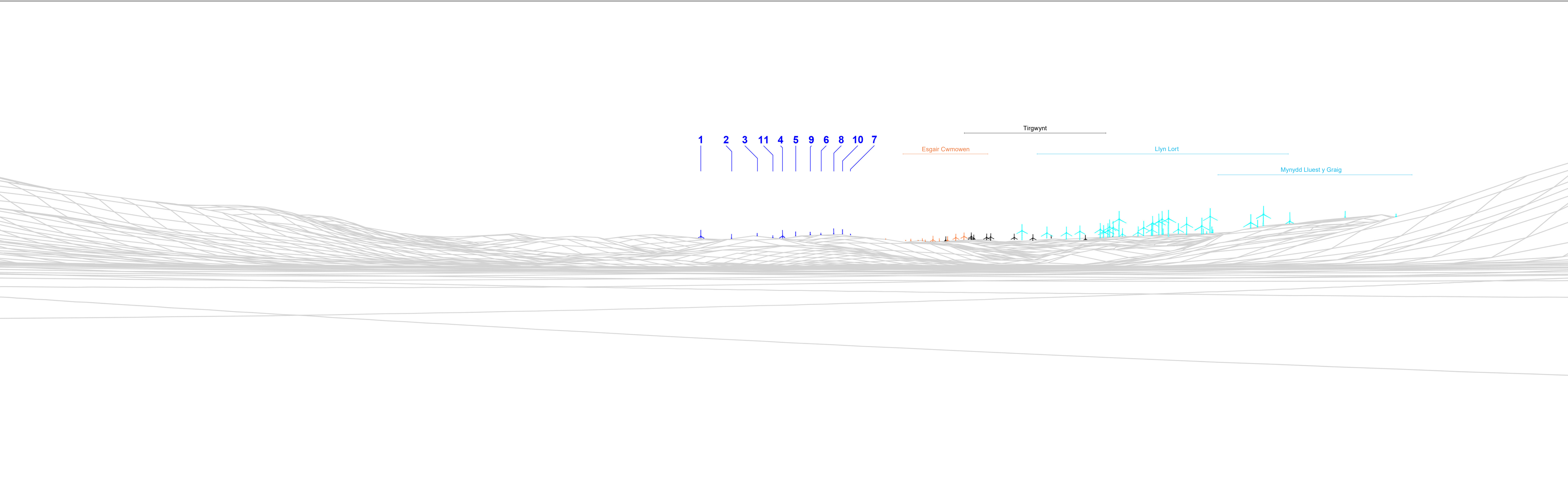
Calon y Gwynt
Environmental Statement

Figure 7.31f
Viewpoint 16
Glyndwr's Way, Meifod looking south-
west

May 2026



C:\Users\UKLE77\OneDrive\Documents\Calon y Gwynt - Documents\03 WIP\03 - Landscape & Visual Drawings\inDesign\2026-04 EIA Report\Figure 7.31a-1 Viewpoint 16 62262400-WSP-DA-04.indd Originator: CLB75



C:\Users\UKCLE77\OneDrive\Documents\Wind2 - Calon y Gwynt - Documents\03 WIP\03 - Landscape & Visual\Drawings\inDesign\2026-04 EIA Report\Figure 7.31a-1 Viewpoint 16 02282400-WSP-DA-04-1.indd Originator: CLB775



Photomontage

View flat at a comfortable arm's length

OS reference:	E315 524, N312 994	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony Alpha 7R III
Eye level:	85.5m AOD	Principal distance:	522mm	Lens:	Sony FE 50mm F1.2 GM
Direction of view:	225°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	T11 @ 20.322m	Correct printed image size:	820 x 130mm	Date and time:	11/12/2025 14:01



Client
Calon y Gwynt
Environmental Statement

Figure 7.31h
Viewpoint 16
Glyndwr's Way, Meifod looking south-
west

May 2026



C:\Users\UKLE77\OneDrive\Documents\WSP\085\Wind2 - Calon y Gwynt - Documents\03 WIP\08 - Landscape & Visual\Drawings\inDesign\2026-04 EIA Report\Figure 7.31a-1 Viewpoint 16 02262400-WSP-DA-04-1.indd Originator: CLB775



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:	E315 524, N312 994	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony Alpha 7R III
Eye level:	85.5m AOD	Principal distance:	522mm	Lens:	Sony FE 50mm F1.2 GM
Direction of view:	225°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	T11 @ 20.322m	Correct printed image size:	820 x 130mm	Date and time:	11/12/2025 14:01

Client



Calon y Gwynt
Environmental Statement

Figure 7.31i
Viewpoint 16
Glyndwr's Way, Meifod looking south-west

May 2026



View flat at a comfortable arm's length