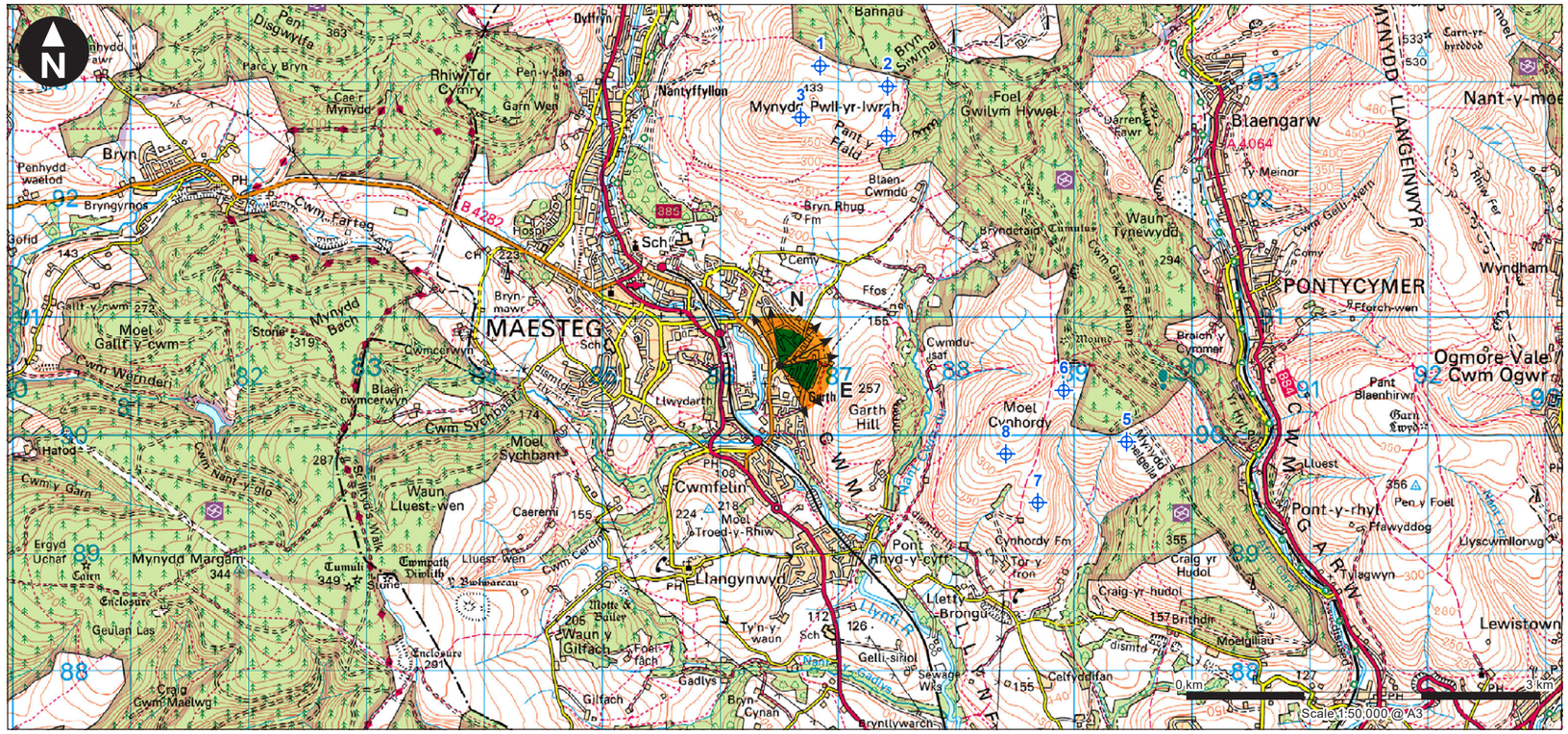
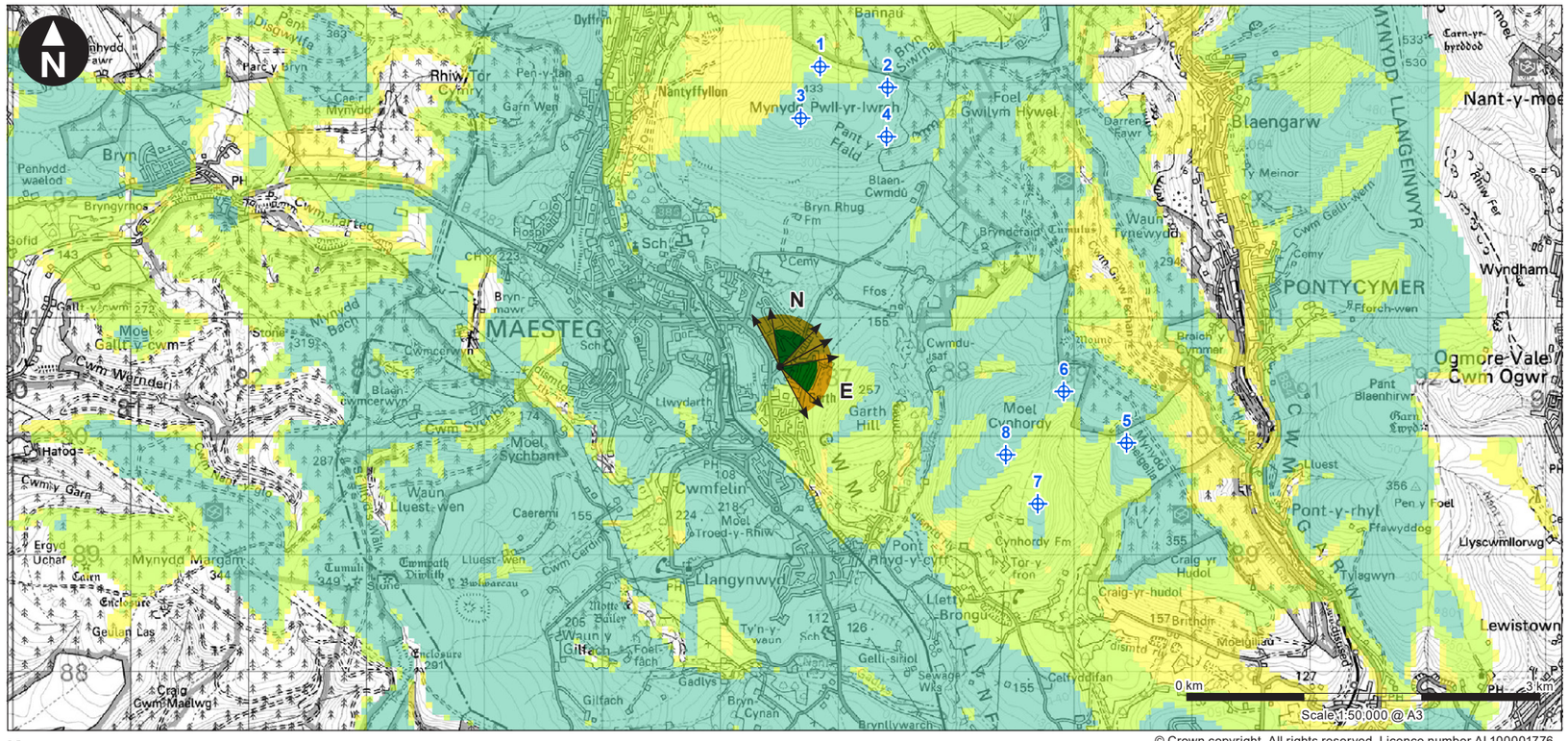




Key

- 90º horizontal field of view
- 53.5º horizontal field of view
- 1 - 2 blade tips may be visible
- 3 - 5 blade tips may be visible
- 6 - 8 blade tips may be visible

© Crown copyright. All rights reserved. Licence number AL100001776.

Viewpoint Parameters

OS reference:	E286 510, N190 592
Ground Level Elevation:	112m AOD
Camera Height:	1.5m AGL
Direction of view to site centre[3]:	62º
Distance to nearest turbine:	2,053m
Number of blade tips theoretically visible[4]:	6
Number of hubs theoretically visible[4]:	5
Date and time of viewpoint photography:	04/03/2026 @ 12:40
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.

Additonal notes:

1. This figure has been based on the following parameters:
Turbine layout file:
LGLANLLYNFI_GARTH_002.WFL
• Hub height: 105m
• Rotor diameter: 150m
• Height to blade tip: 180m

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

PENNANT WALTERS

Glanllynfi Garth Wind Farm
Environmental Statement

Figure 6.20a
Viewpoint 6:
Heol Faen, Garth

June 2026

wsp

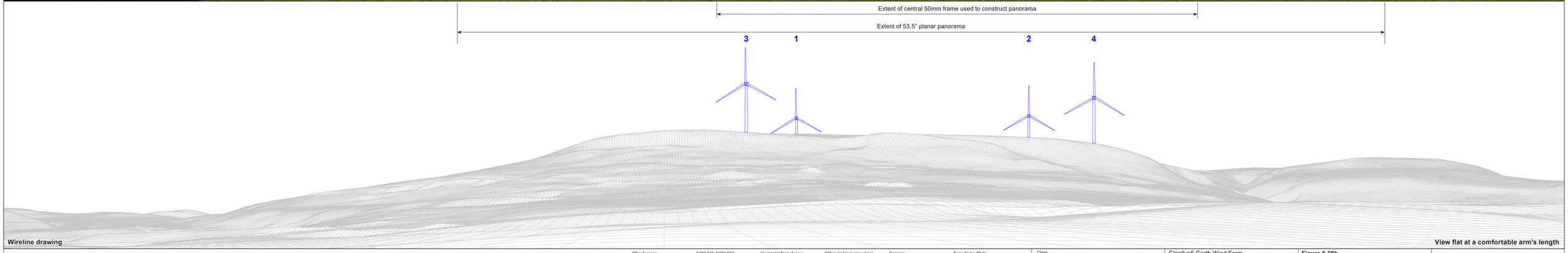


Figure 6.20a-m VP6 Garth UK0044202-WSPE-FG-SA-00006_R2 Originator: UKCGW775

Wind Farm Key: Glanllynfi Garth Wind Farm

OS reference:	E286 510, N190 592	Horizontal field of view:	90º (cylindrical projection)	Camera:	Sony Alpha 7R III
Eye level:	113.5m AOD	Principal distance:	522mm	Lens:	Sony FE 50mm F1.2 GM
Direction of view:	17º	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	T8 @ 2.053m	Correct printed image size:	820 x 130mm	Date and time:	04/03/2026 @ 12:40

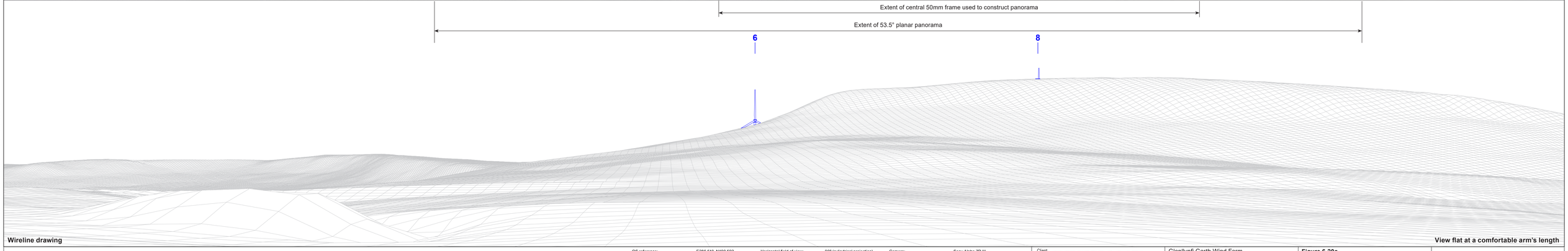
Client: PENNANT WALTERS

Glanllynfi Garth Wind Farm
Environmental Statement

Figure 6.20b
Viewpoint 6:
Heol Faen, Garth

June 2026

wsp



Originator: UKCGW775

Figure 6.20a-m VP6 Garth UK0044022-WSPE-FG-SA-00006_R2

Wind Farm Key: Glanllynfi Garth Wind Farm

OS reference:	E286 510, N190 592	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony Alpha 7R III
Eye level:	113.5m AOD	Principal distance:	522mm	Lens:	Sony FE 50mm F1.2 GM
Direction of view:	107°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	T8 @ 2.053m	Correct printed image size:	820 x 130mm	Date and time:	04/03/2026 @ 12:40

Client: PENNANT WALTERS

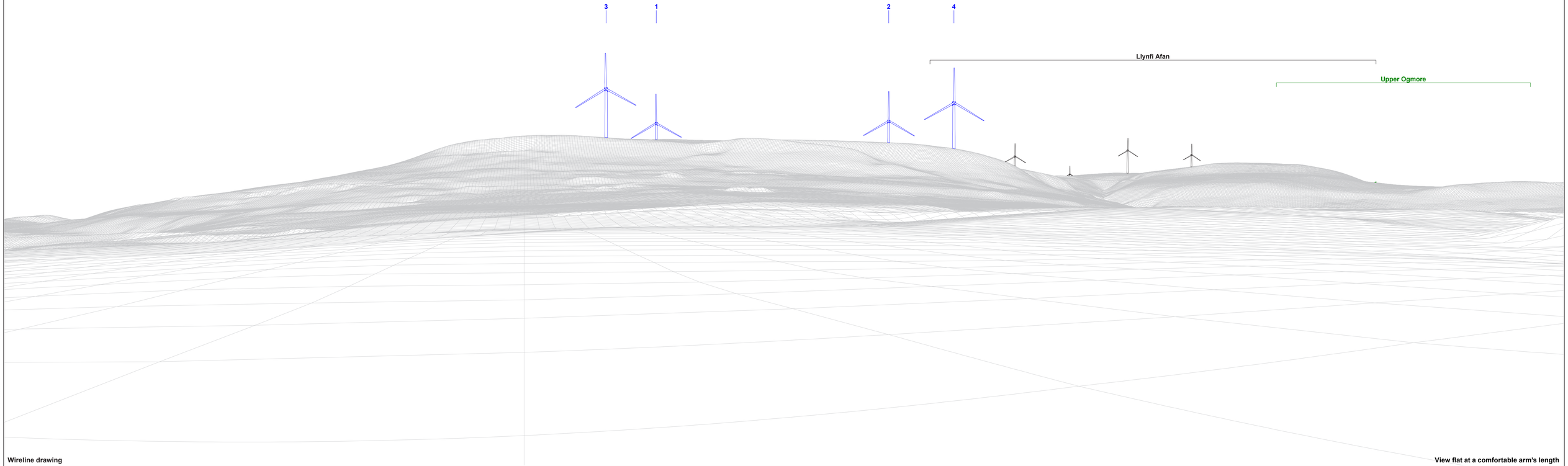
Glanllynfi Garth Wind Farm
Environmental Statement

Figure 6.20c
Viewpoint 6:
Heol Faen, Garth

June 2026

wsp

North view



Wireline drawing

View flat at a comfortable arm's length

Wind Farm Key: Glanllynfi Garth Wind Farm | Existing | Consented | Application | Scoping

OS reference:	E286 510, N190 592	Horizontal field of view:	90º (cylindrical projection)	Camera:	Sony Alpha 7R III
Eye level:	113.5m AOD	Principal distance:	522mm	Lens:	Sony FE 50mm F1.2 GM
Direction of view:	17º	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	T8 @ 2.053m	Correct printed image size:	820 x 130mm	Date and time:	04/03/2026 @ 12:40

Client: PENNANT WALTERS

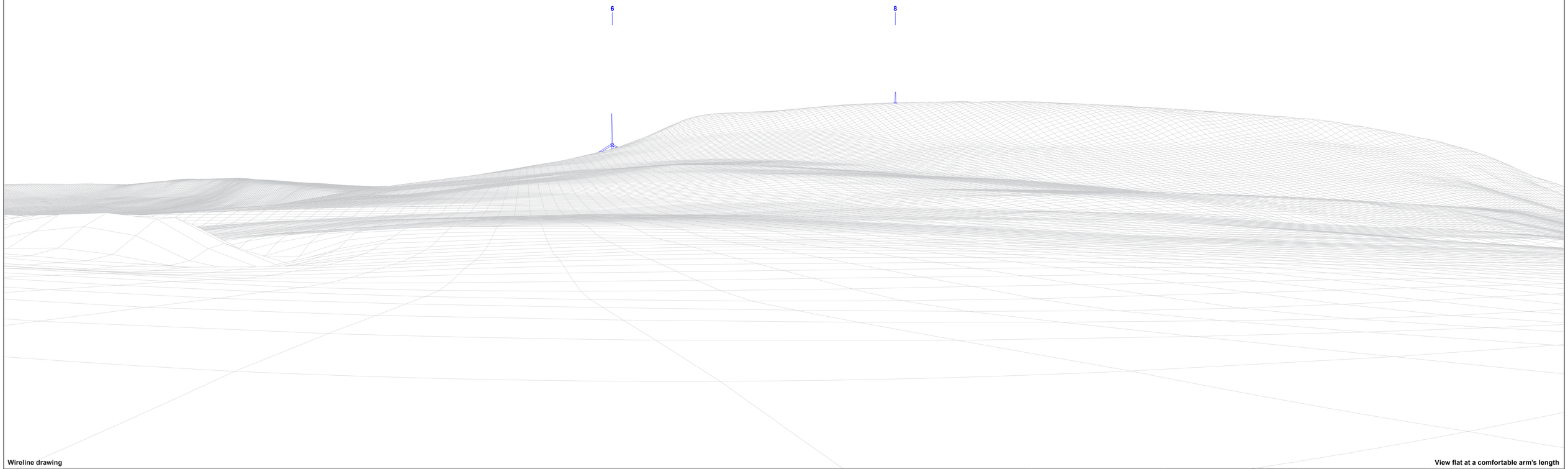
Glanllynfi Garth Wind Farm
Environmental Statement

Figure 6.20d
Viewpoint 6:
Heol Faen, Garth

June 2026

Figure 6.20a-m VP6 Garth UK0044222-WSPE-FG-SA-00006_R2 Originator: UKCGW775

East view



Wireline drawing

View flat at a comfortable arm's length

Wind Farm Key: Glanllynfi Garth Wind Farm | Existing | Consented | Application | Scoping

OS reference:	E286 510, N190 592	Horizontal field of view:	90º (cylindrical projection)	Camera:	Sony Alpha 7R III
Eye level:	113.5m AOD	Principal distance:	522mm	Lens:	Sony FE 50mm F1.2 GM
Direction of view:	107º	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	T8 @ 2.053m	Correct printed image size:	820 x 130mm	Date and time:	04/03/2026 @ 12:40

Client: PENNANT WALTERS

Glanllynfi Garth Wind Farm
Environmental Statement

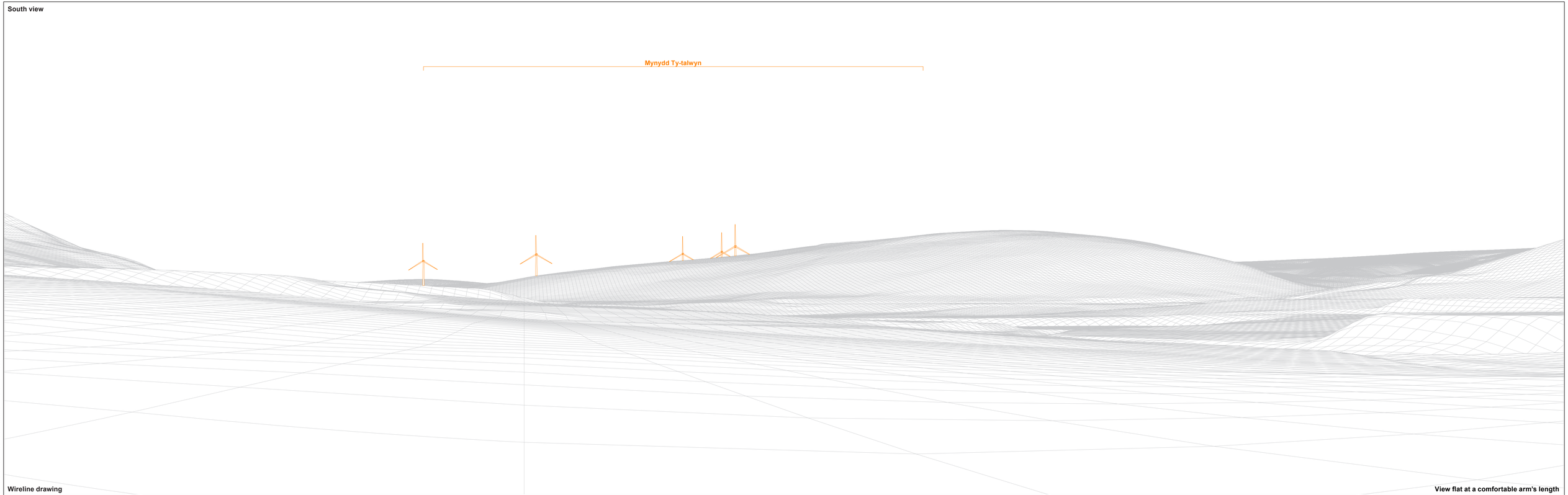
Figure 6.20e
Viewpoint 6:
Heol Faen, Garth

June 2026

Figure 6.20e-n VP6 Garth UK0044222-WSPE-FG-SA-00006_R2 Originator: UKCGW775

South view

Mynydd Ty-talwyn



Wireline drawing

View flat at a comfortable arm's length

Wind Farm Key: Glanllynfi Garth Wind Farm | Existing | Consented | Application | Scoping

OS reference:	E286 510, N190 592	Horizontal field of view:	90º (cylindrical projection)	Camera:	Sony Alpha 7R III
Eye level:	113.5m AOD	Principal distance:	522mm	Lens:	Sony FE 50mm F1.2 GM
Direction of view:	197º	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	T8 @ 2.053m	Correct printed image size:	820 x 130mm	Date and time:	04/03/2026 @ 12:40

Client: PENNANT WALTERS

Glanllynfi Garth Wind Farm
Environmental Statement

Figure 6.20f
Viewpoint 6:
Heol Faen, Garth

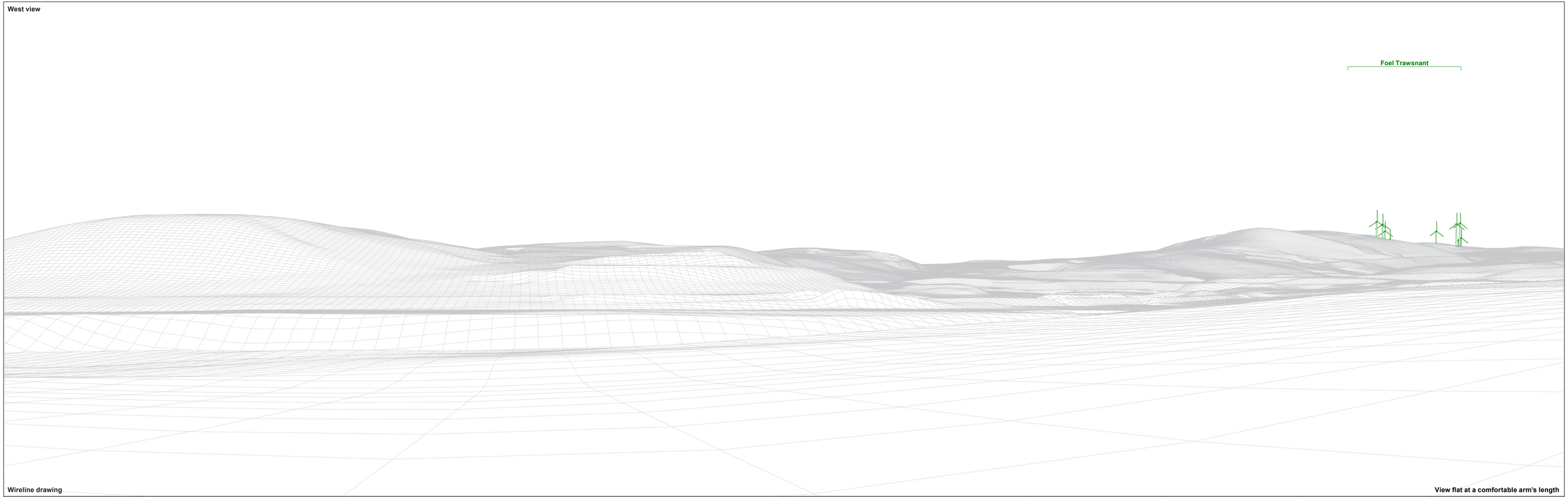
June 2026

Originator: UKCGW775

Figure 6.20a-m VP6 Garth UK0044022-WSPE-FG-SA-00006_R2

West view

Foel Trawsnant



Wireline drawing

View flat at a comfortable arm's length

Wind Farm Key: Glanllynfi Garth Wind Farm | Existing | Consented | Application | Scoping

OS reference:	E286 510, N190 592	Horizontal field of view:	90º (cylindrical projection)	Camera:	Sony Alpha 7R III
Eye level:	113.5m AOD	Principal distance:	522mm	Lens:	Sony FE 50mm F1.2 GM
Direction of view:	287º	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	T8 @ 2.053m	Correct printed image size:	820 x 130mm	Date and time:	04/03/2026 @ 12:40

Client: PENNANT WALTERS

Glanllynfi Garth Wind Farm
Environmental Statement

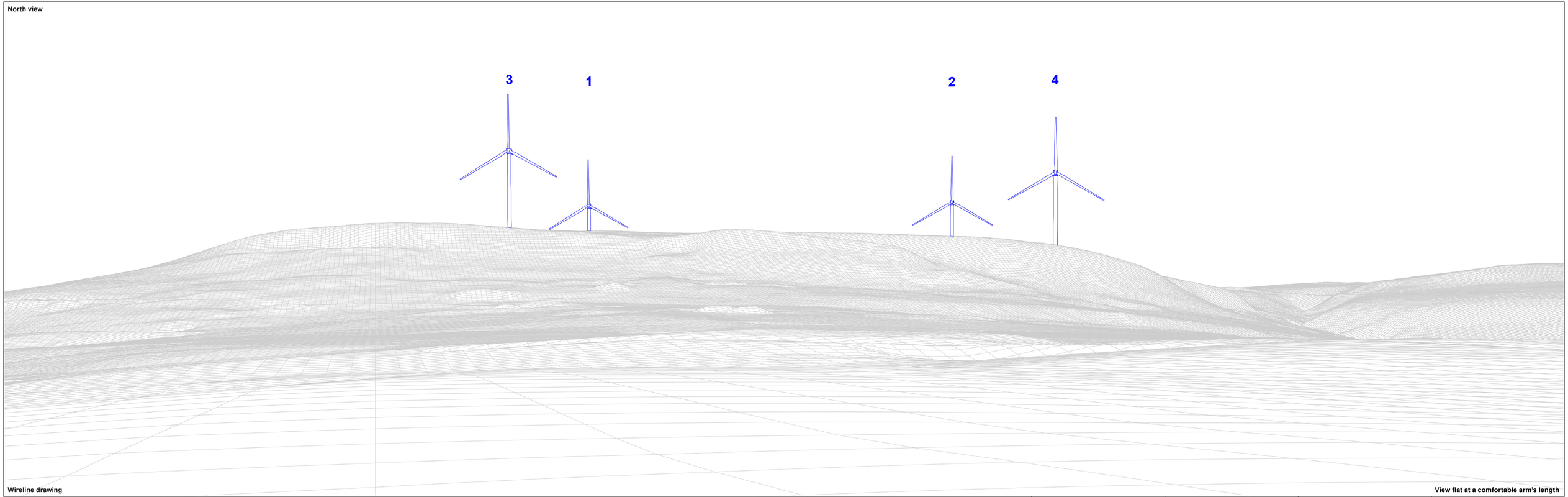
Figure 6.20g
Viewpoint 6:
Heol Faen, Garth

June 2026

Figure 6.20a-m VP6 Garth UK0044022-WSPE-FG-SA-00006_R2

Originator: UKCDW775

North view



Wireline drawing

View flat at a comfortable arm's length

Wind Farm Key: Glanllynfi Garth Wind Farm | Existing | Consented | Application | Scoping

OS reference:	E286 510, N190 592	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony Alpha 7R III
Eye level:	113.5m AOD	Principal distance:	522mm	Lens:	Sony FE 50mm F1.2 GM
Direction of view:	17°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	T8 @ 2.053m	Correct printed image size:	820 x 130mm	Date and time:	04/03/2026 @ 12:40

Client: PENNANT WALTERS

Glanllynfi Garth Wind Farm
Environmental Statement

Figure 6.20h
Viewpoint 6:
Heol Faen, Garth

June 2026

Figure 6.20a-m VP6 Garth UK0044022-WSPE-FG-SA-00006_R2 Originator: UKCDW775

OS reference:	E286 510, N190 592	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony Alpha 7R III
Eye level:	113.5m AOD	Principal distance:	522mm	Lens:	Sony FE 50mm F1.2 GM
Direction of view:	17°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	T8 @ 2.053m	Correct printed image size:	820 x 130mm	Date and time:	04/03/2026 @ 12:40

Client: PENNANT WALTERS

Glanllynfi Garth Wind Farm
Environmental Statement

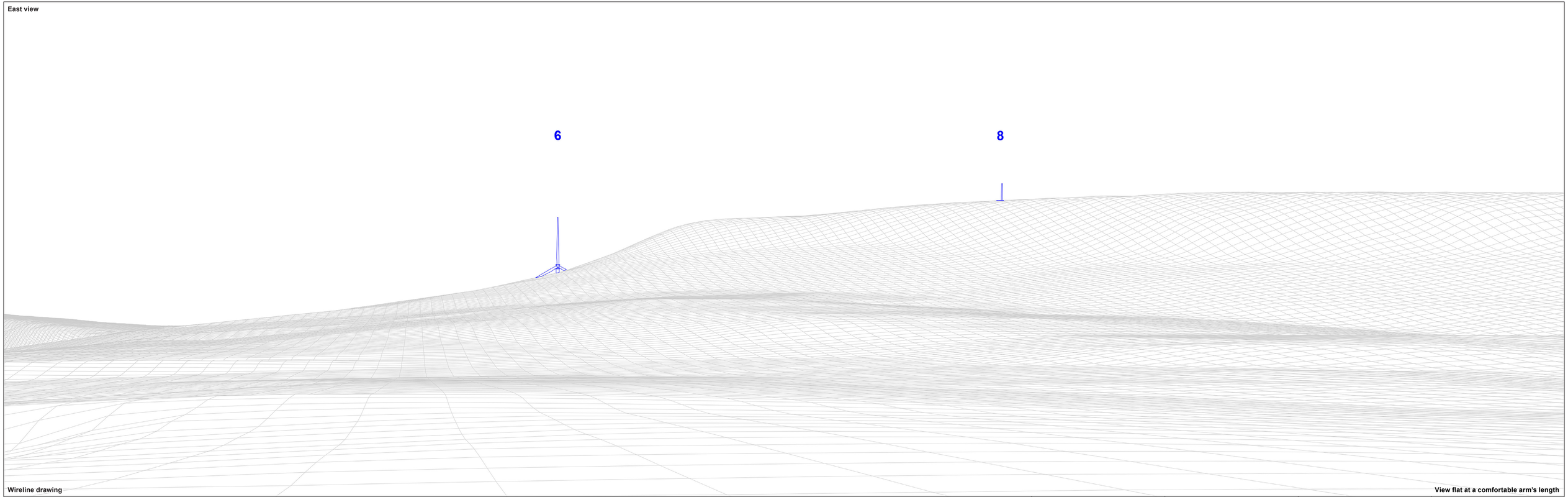
Figure 6.20i
Viewpoint 6:
Heol Faen, Garth

June 2026

wsp

Figure 6.20a-m VP6 Garth UK0034422-WSPE-FG-SA-00006_R2 Originator: UKCDW775

East view



Wireline drawing

View flat at a comfortable arm's length

Wind Farm Key: Glanllynfi Garth Wind Farm | Existing | Consented | Application | Scoping

OS reference:	E286 510, N190 592	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony Alpha 7R III
Eye level:	113.5m AOD	Principal distance:	522mm	Lens:	Sony FE 50mm F1.2 GM
Direction of view:	107°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	T8 @ 2.053m	Correct printed image size:	820 x 130mm	Date and time:	04/03/2026 @ 12:40

Client: PENNANT WALTERS

Glanllynfi Garth Wind Farm
Environmental Statement

Figure 6.20j
Viewpoint 6:
Heol Faen, Garth

June 2026

Figure 6.20a-m VP6 Garth UK0044022-WSPE-FG-SA-00006_R2 Originator: UKCDW775

East view

Photomontage

View flat at a comfortable arm's length

OS reference:	E286 510, N190 592	Horizontal field of view:	53.5° (planar projection)	Camera:	Sony Alpha 7R III
Eye level:	113.5m AOD	Principal distance:	522mm	Lens:	Sony FE 50mm F1.2 GM
Direction of view:	107°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	T8 @ 2,053m	Correct printed image size:	820 x 130mm	Date and time:	04/03/2026 @ 12:40

Client: PENNANT WALTERS

Glanllynfi Garth Wind Farm
Environmental Statement

Figure 6.20k
Viewpoint 6:
Heol Faen, Garth

June 2026

wsp

Figure 6.20a=m VP6 Garth UK0044222-WSPE-FG-SA-00006_R2 Originator: UKCSW775

Figure 6.20a-m VP6 Garth UK0044202-WSPE-FG-SA-00006_R2 Originator: UKCDW775

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:	E286 510, N190 592	Horizontal field of view:	90º (cylindrical projection)	Camera:	Sony Alpha 7R III
Eye level:	113.5m AOD	Principal distance:	522mm	Lens:	Sony FE 50mm F1.2 GM
Direction of view:	17º	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	T8 @ 2,053m	Correct printed image size:	820 x 130mm	Date and time:	04/03/2026 @ 12:40

Client: PENNANT WALTERS

Glanllynfi Garth Wind Farm
Environmental Statement

Figure 6.20l
Viewpoint 6:
Heol Faen, Garth

June 2026

wsp

East view

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:	E286 510, N190 592	Horizontal field of view:	90° (cylindrical projection)	Camera:	Sony Alpha 7R III
Eye level:	113.5m AOD	Principal distance:	522mm	Lens:	Sony FE 50mm F1.2 GM
Direction of view:	107°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	T8 @ 2.053m	Correct printed image size:	820 x 130mm	Date and time:	04/03/2026 @ 12:40

Client: PENNANT WALTERS

Glanllynfi Garth Wind Farm
Environmental Statement

Figure 6.20m
Viewpoint 6:
Heol Faen, Garth

June 2026

wsp

Figure 6.20a-m VP6 Garth UK0044202-WSPE-FG-SA-00006_R2 Originator: UKCGW775