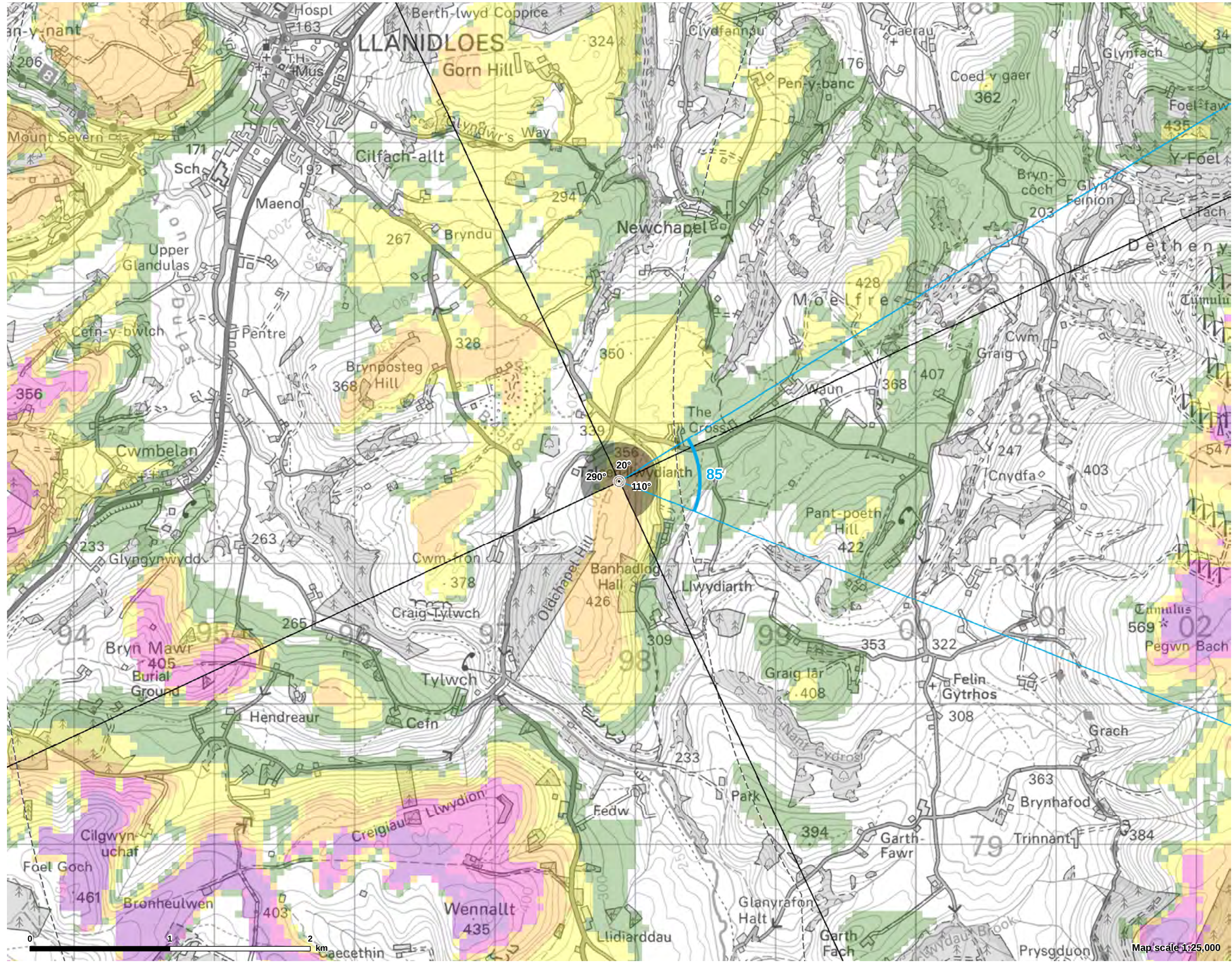




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Garn Fach Wind Farm LVIA



Figure: 6-29a: VP9
Footpath north of Old Chapel Hill

- Turbine location
- Site boundary
- Viewpoint
- 5km intervals from outermost turbines
- 45km from outermost turbines
- Zone of Theoretical Visibility**
 - 1-4 Turbines are visible
 - 5-8 Turbines are visible
 - 9-12 Turbines are visible
 - 13-15 Turbines are visible
 - 16-17 Turbines are visible
- 53.5° Field of View
- 90° Field of View

Note
The ZTV is calculated to turbine tip height (149.9m) from a viewing height of 2m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).

Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcMap 10.5.1 software.



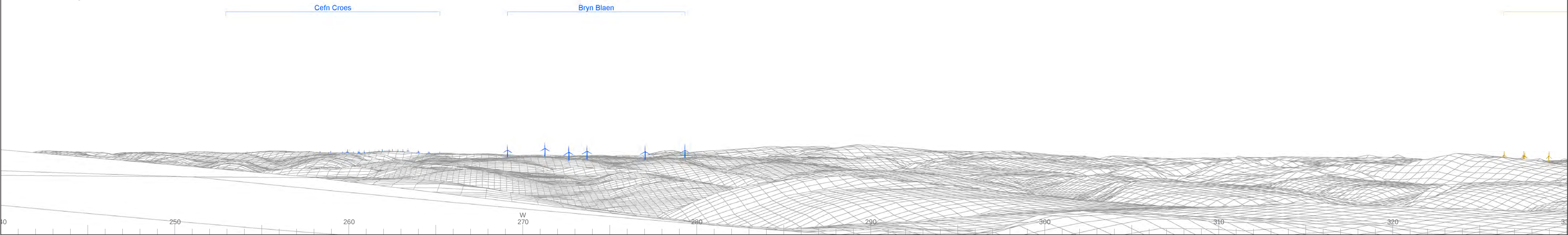
CB:XX EB:Packham_B LUC:SNH_Template_Double_A3L_DDP 17/05/2021
Source:



Baseline photograph

This image provides landscape and visual context only

Wireline drawing

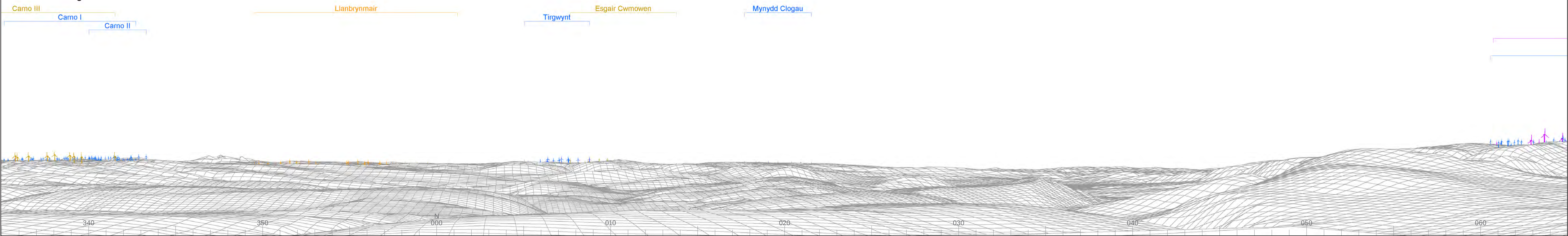




Baseline photograph

This image provides landscape and visual context only

Wireline drawing



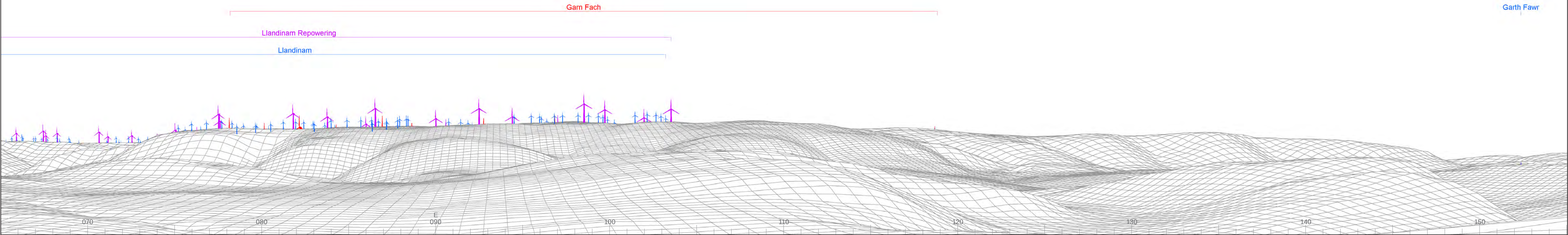
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Baseline photograph

This image provides landscape and visual context only

Wireline drawing



OS reference: 297885E 281586N
AOD: 394m
Direction of view: 110°
Nearest turbine: 5.4 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D750
Lens: 50mm Fixed Focal Length
Camera height: 1.5m

Photography Date: 17/05/2018
Photography Time: 15.10pm

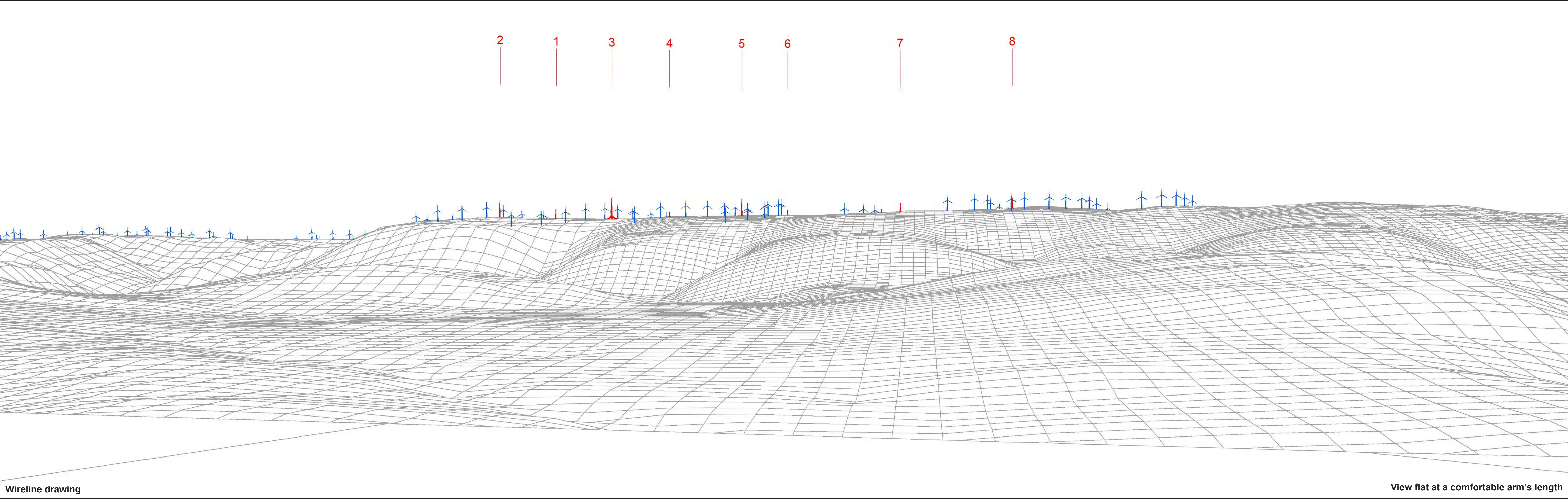
Wind Farm Developments key
(by status):

Proposed scheme
Operational
Under construction
Consented
Application
Appeal/PLI

Viewpoint 9: Footpath north of Old Chapel Hill

Garn Fach
Figure: 6-29d

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Wireline drawing

View flat at a comfortable arm's length



OS reference:	297885E 281586N	Horizontal field of view:	53.5° (planar projection)
AOD:	394.1184 m	Principal distance:	812.5 mm
Direction of view:	85°	Paper size:	841 x 297 mm (half A1)
Nearest turbine:	5.4 km	Correct printed image size:	820 x 260 mm

Wind Farm Developments key
(by status):

Proposed scheme Operational

Garn Fach
Figure: 6-29e
Viewpoint 9: Footpath north of Old Chapel Hill



Photomontage

View flat at a comfortable arm's length



OS reference: 297885E 281586N
AOD: 394m
Direction of view: 85°
Nearest turbine: 5.4 km

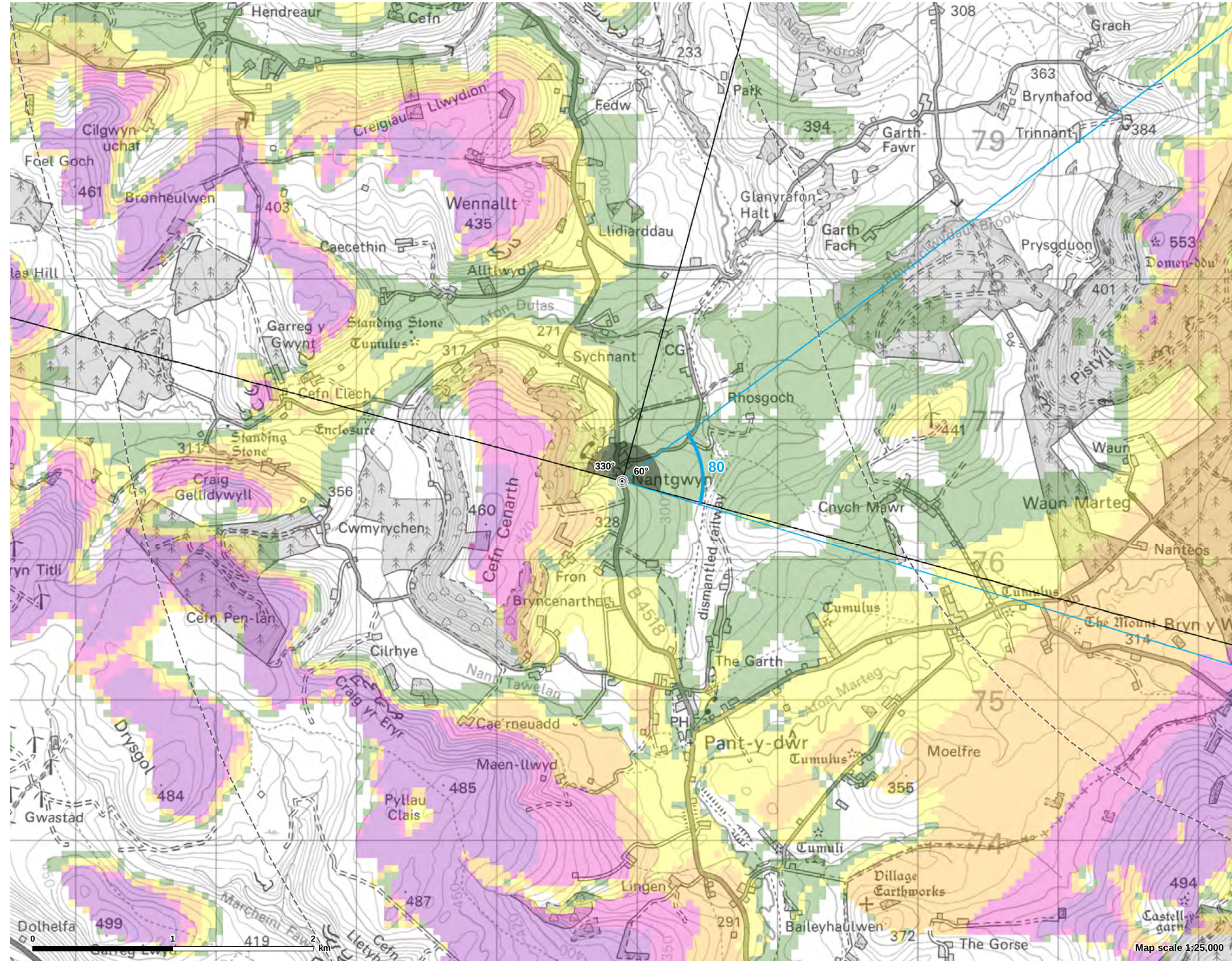
Horizontal field of view: 53.5° (planar projection)
Principal distance: 812.5 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D750
Lens: 50mm Fixed Focal Length
Camera height: 1.5m

Photography Date: 17/05/2018
Photography Time: 15.10pm



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CB:XX EB:Packham_B LUC:SNH_Template_Double_A3L_DDP 17/05/2021 Source:

Garth Fach Wind Farm LVIA



Figure: 6-30a: VP10
B4518 south of Nantgwyn

- Turbine location
- Site boundary
- Viewpoint
- 5km intervals from outermost turbines
- 45km from outermost turbines
- Zone of Theoretical Visibility**
 - 1-4 Turbines are visible
 - 5-8 Turbines are visible
 - 9-12 Turbines are visible
 - 13-15 Turbines are visible
 - 16-17 Turbines are visible
- 53.5° Field of View
- 90° Field of View

Note
The ZTV is calculated to turbine tip height (149.9m) from a viewing height of 2m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).

Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcMap 10.5.1 software.

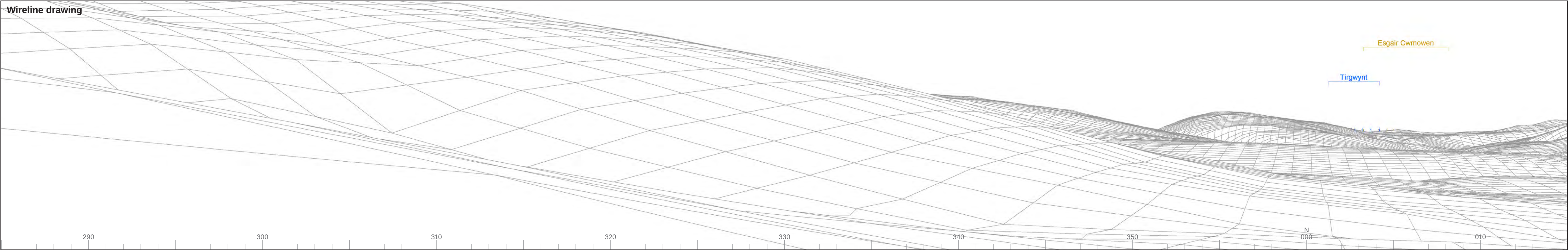




Baseline photograph

This image provides landscape and visual context only

Wireline drawing



OS reference: 297893E 276558N
AOD: 317m
Direction of view: 330°
Nearest turbine: 6.6 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D750
Lens: 50mm Fixed Focal Length
Camera height: 1.5m

Photography Date: 15/10/2020
Photography Time: 18.21pm

Wind Farm Developments key
(by status):

Proposed scheme
Operational
Under construction
Consented
Application
Appeal/PLI

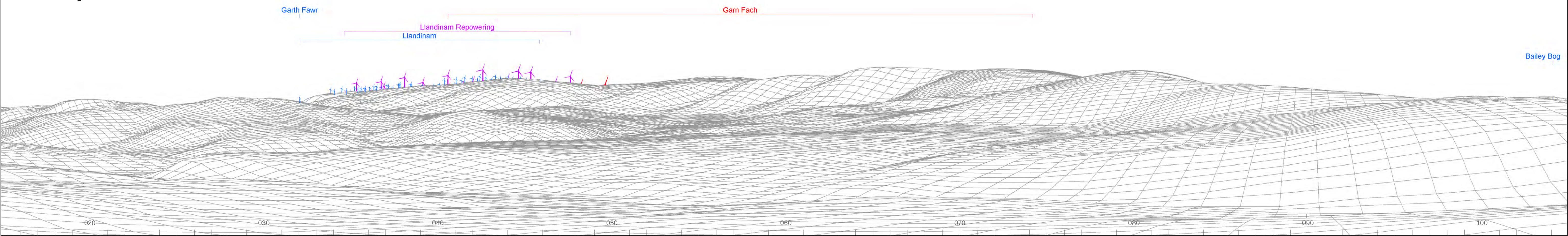
Garn Fach
Figure: 6-30b
Viewpoint 10: B4518 south of Nantgwyn



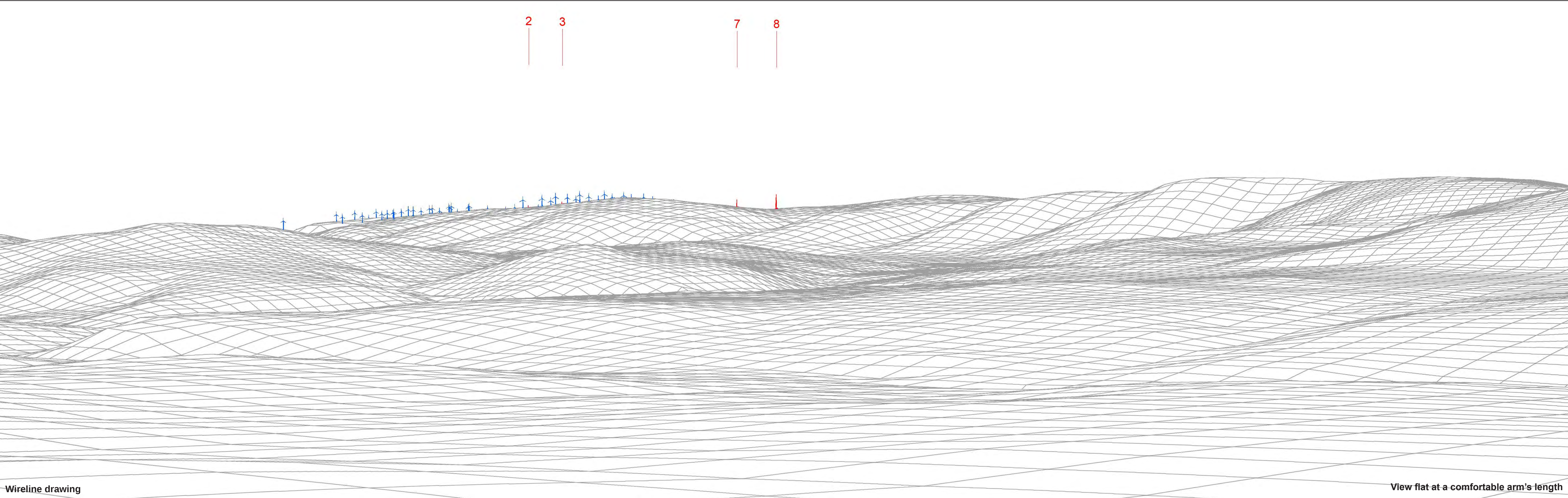
Baseline photograph

This image provides landscape and visual context only

Wireline drawing



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Wireline drawing

View flat at a comfortable arm's length



OS reference: 297893E 276558N
AOD: 317m
Direction of view: 80°
Nearest turbine: 6.6 km

Horizontal field of view: 53.5° (planar projection)
Principal distance: 812.5 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Wind Farm Developments key
(by status):

Proposed scheme Operational

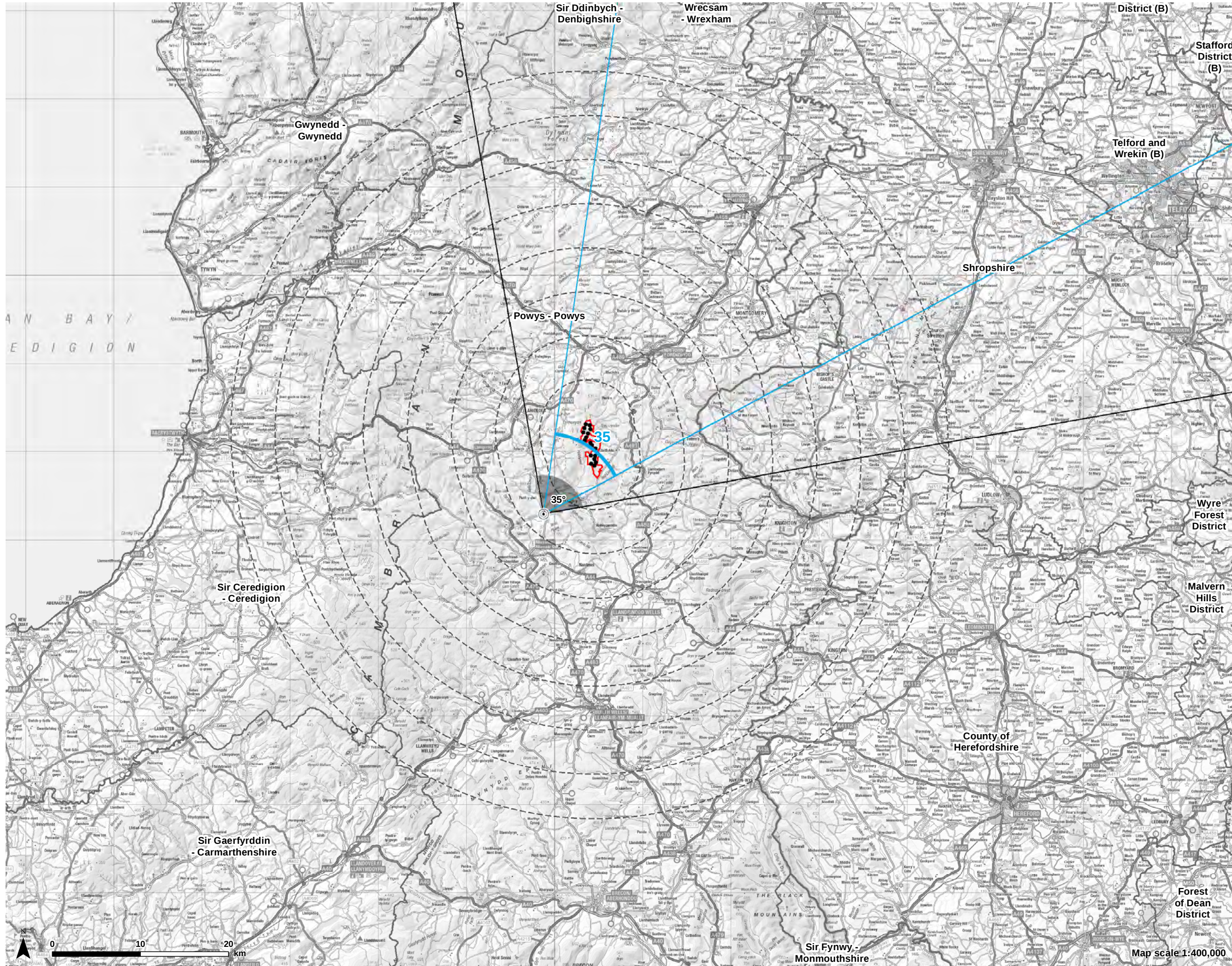
Garn Fach
Figure: 6-30d
Viewpoint 10: B4518 south of Nantgwyn



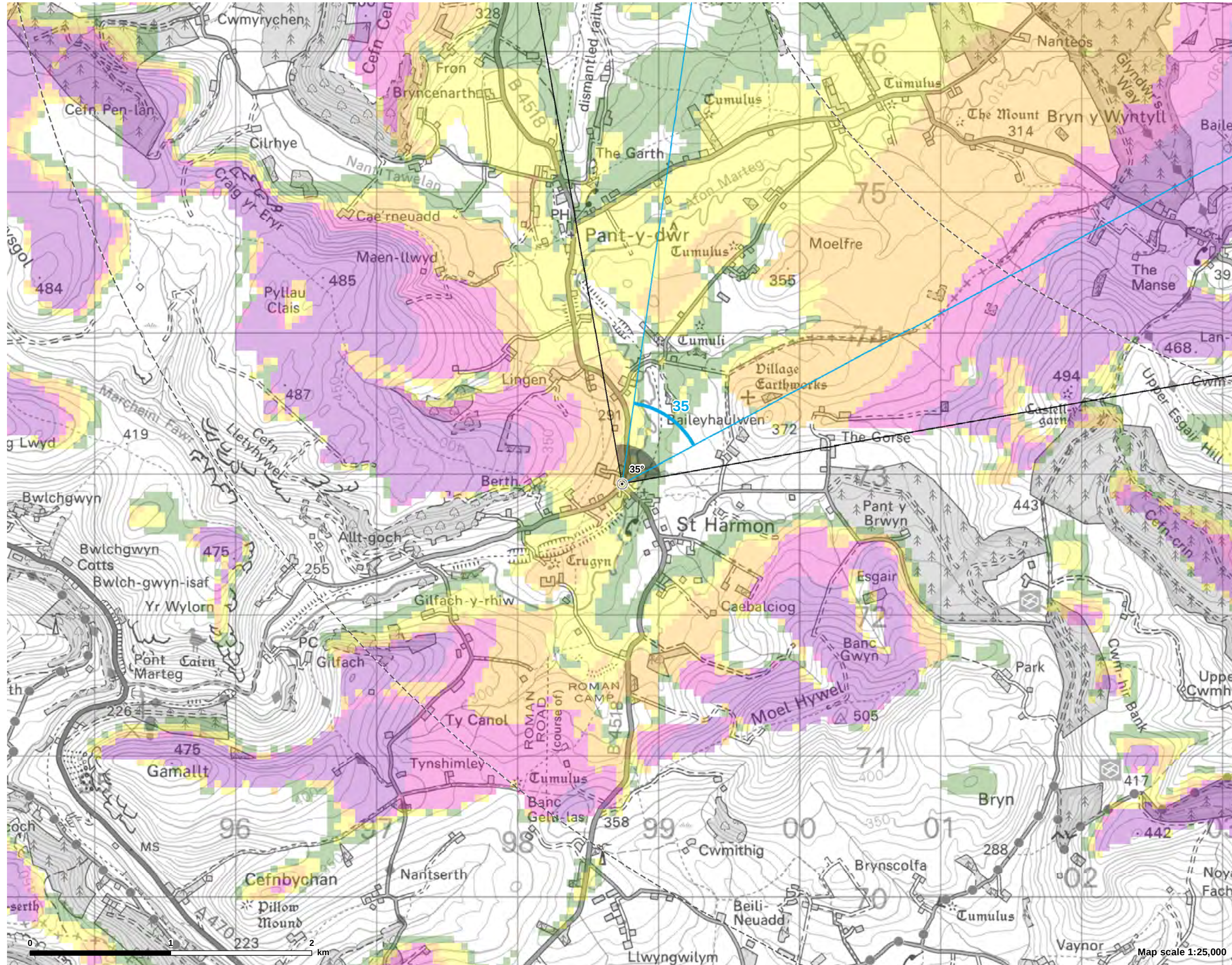
Photomontage

View flat at a comfortable arm's length





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Garn Fach Wind Farm LVIA



Figure: 6-31a: VP11
B4518 at St Harmon

- Turbine location
- Site boundary
- Viewpoint
- 5km intervals from outermost turbines
- 45km from outermost turbines
- Zone of Theoretical Visibility**
 - 1-4 Turbines are visible
 - 5-8 Turbines are visible
 - 9-12 Turbines are visible
 - 13-15 Turbines are visible
 - 16-17 Turbines are visible
- 53.5° Field of View
- 90° Field of View

Note
The ZTV is calculated to turbine tip height (149.9m) from a viewing height of 2m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).

Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcMap 10.5.1 software.



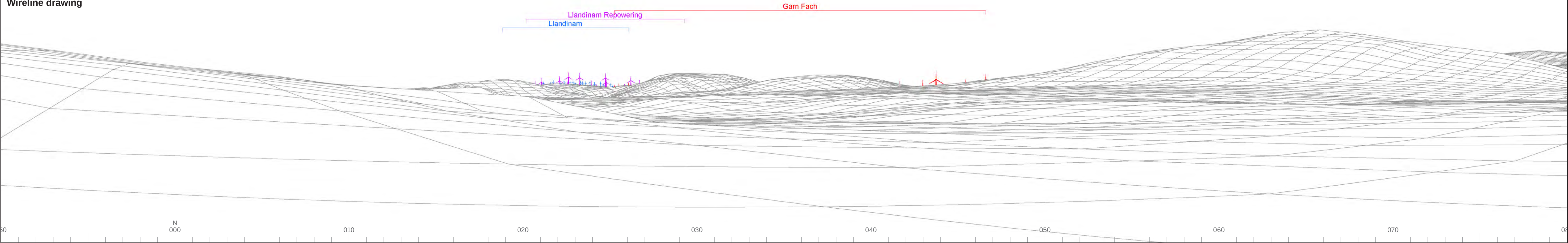
CB:XX EB Packham_B LUC SNH_Template_Double_A3L_DDP 17/05/2021
Source:



Baseline photograph

This image provides landscape and visual context only

Wireline drawing



OS reference: 298741E 272933N
AOD: 271.231692 m
Direction of view: 35°
Nearest turbine: 7.9 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D750
Lens: 50mm Fixed Focal Length
Camera height: 1.5m

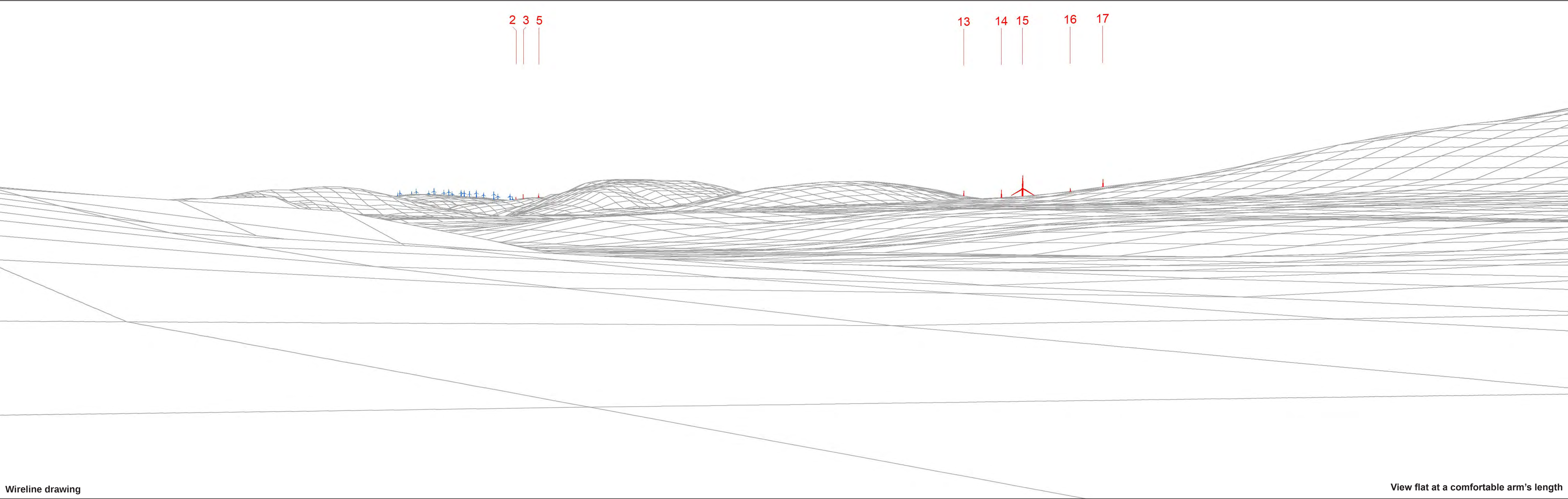
Photography Date: 17/05/2018
Photography Time: 13.52pm

Wind Farm Developments key
(by status):

Proposed scheme
Operational
Under construction
Consented
Application
Appeal/PLI

Garn Fach
Figure: 6-31b
Viewpoint 11: B4518 at St Harmon

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OS reference: 298741E 272933N
AOD: 271m
Direction of view: 35°
Nearest turbine: 7.9 km

Horizontal field of view: 53.5° (planar projection)
Principal distance: 812.5 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Wind Farm Developments key
(by status):

Proposed scheme Operational

Garn Fach
Figure: 6-31c
Viewpoint 11: B4518 at St Harmon



Photomontage

View flat at a comfortable arm's length



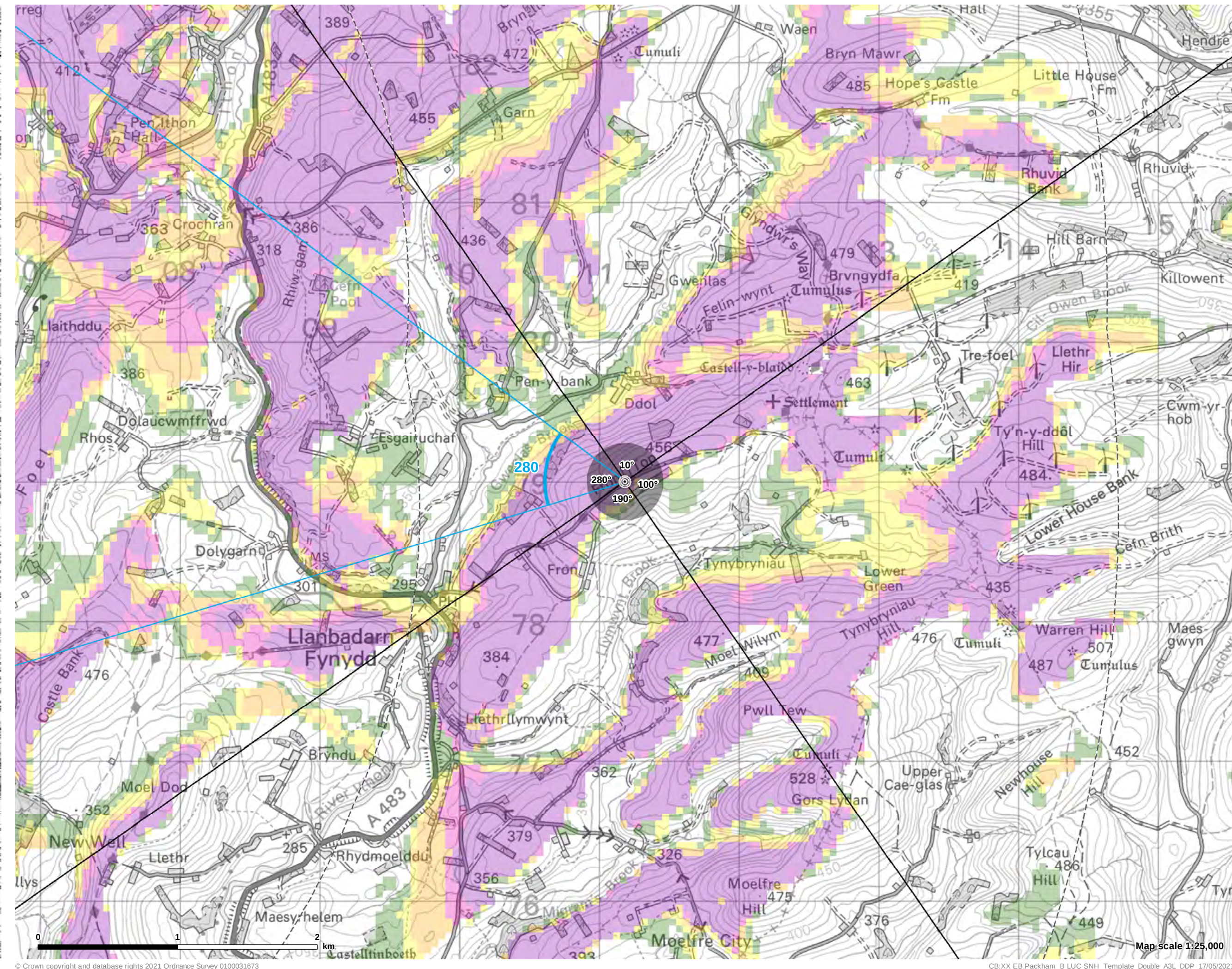
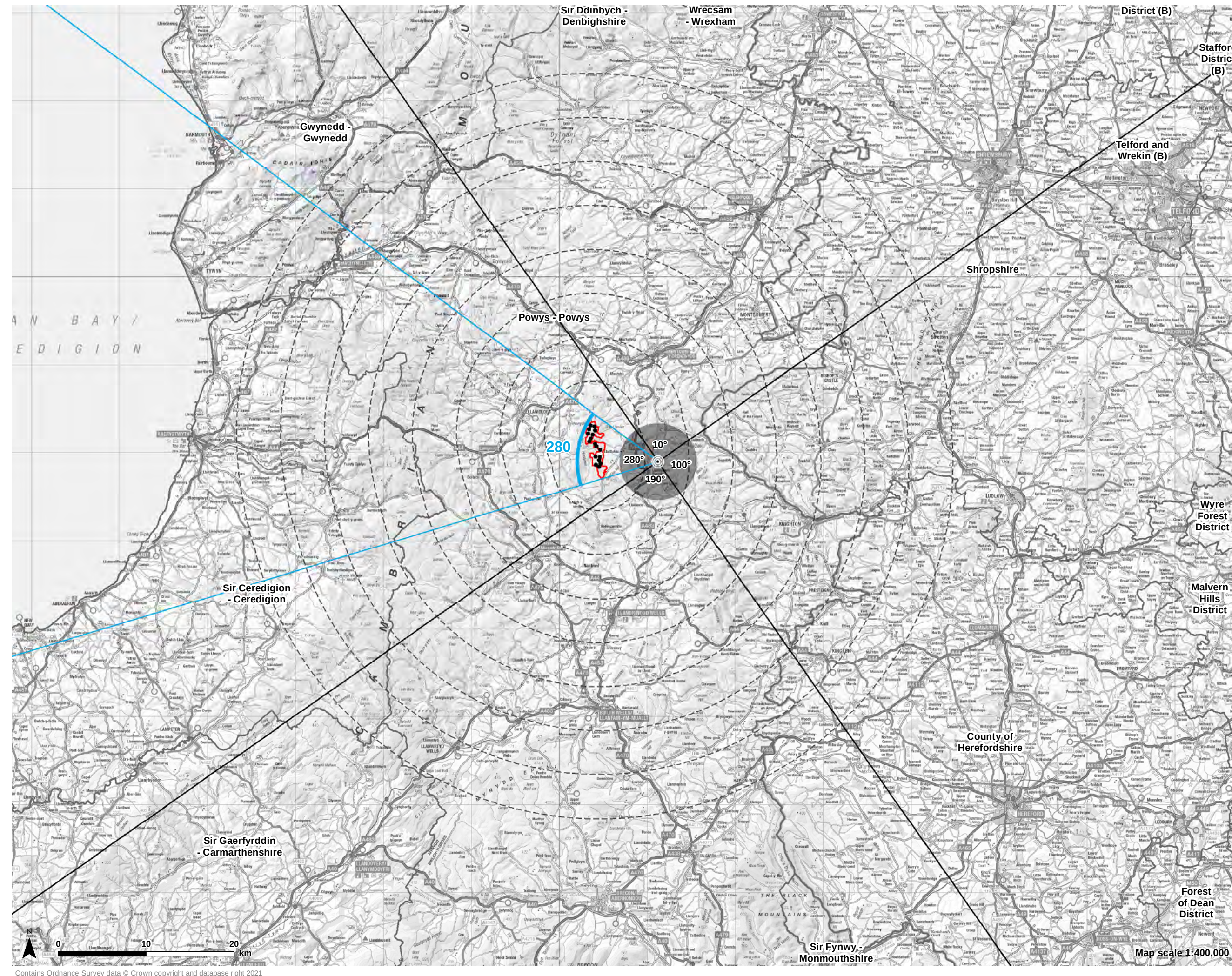
OS reference: 298741E 272933N
AOD: 271.231692 m
Direction of view: 35°
Nearest turbine: 7.9 km

Horizontal field of view: 53.5° (planar projection)
Principal distance: 812.5 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D750
Lens: 50mm Fixed Focal Length
Camera height: 1.5m

Photography Date: 17/05/2018
Photography Time: 13.52pm

Garn Fach
Figure: 6-31d
Viewpoint 11: B4518 at St Harmon

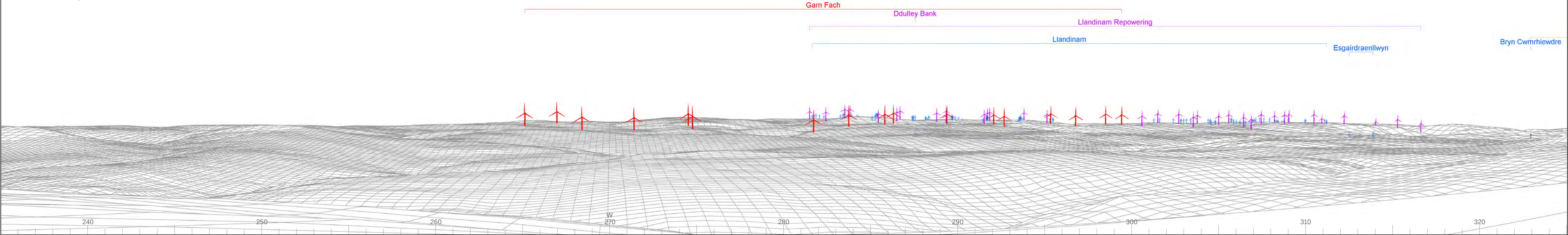




Baseline photograph

This image provides landscape and visual context only

Wireline drawing



OS reference: 311182E 279003N
AOD: 453.156643 m
Direction of view: 280°
Nearest turbine: 6.5 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D750
Lens: 50mm Fixed Focal Length
Camera height: 1.5m

Photography Date: 17/05/2018
Photography Time: 10.37am

Wind Farm Developments key
(by status):

Proposed scheme
Operational
Under construction
Consented
Application
Appeal/PLI

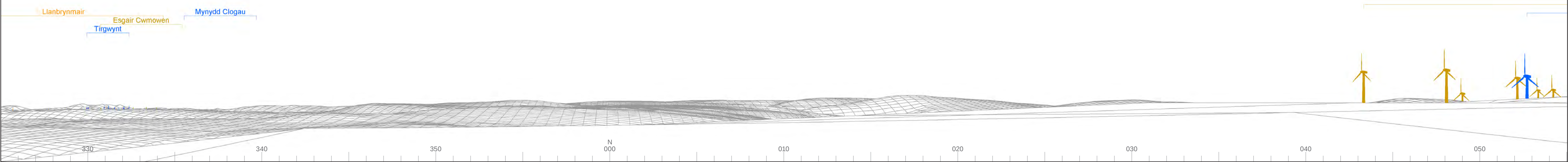
Garn Fach
Figure: 6-32b
Viewpoint 12: Glyndŵr's Way, Fron Top



Baseline photograph

This image provides landscape and visual context only

Wireline drawing



OS reference: 311182E 279003N
AOD: 453.156643 m
Direction of view: 10°
Nearest turbine: 6.5 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D750
Lens: 50mm Fixed Focal Length
Camera height: 1.5m

Photography Date: 17/05/2018
Photography Time: 10.37am

Wind Farm Developments key
(by status):

Proposed scheme
Operational
Under construction
Consented
Application
Appeal/PLI

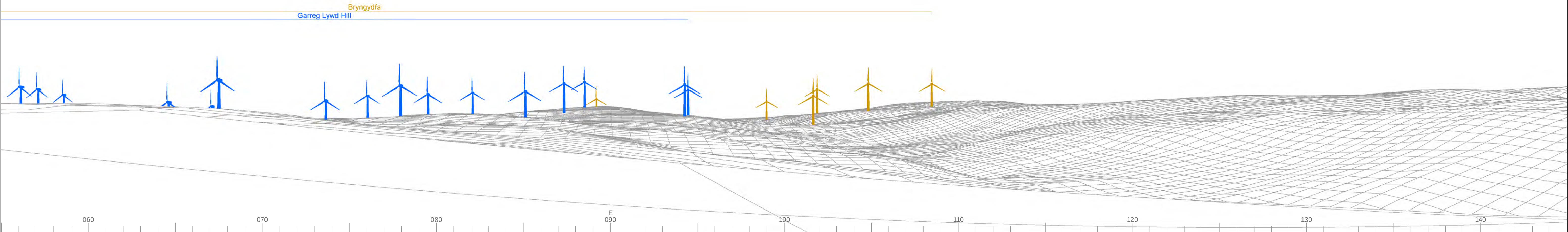
Garn Fach
Figure: 6-32c
Viewpoint 12: Glyndŵr's Way, Fron Top



Baseline photograph

This image provides landscape and visual context only

Wireline drawing



OS reference: 311182E 279003N
AOD: 453.156643 m
Direction of view: 100°
Nearest turbine: 6.5 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D750
Lens: 50mm Fixed Focal Length
Camera height: 1.5m

Photography Date: 17/05/2018
Photography Time: 10.37am

Wind Farm Developments key
(by status):

Proposed scheme
Operational
Under construction
Consented
Application
Appeal/PLI

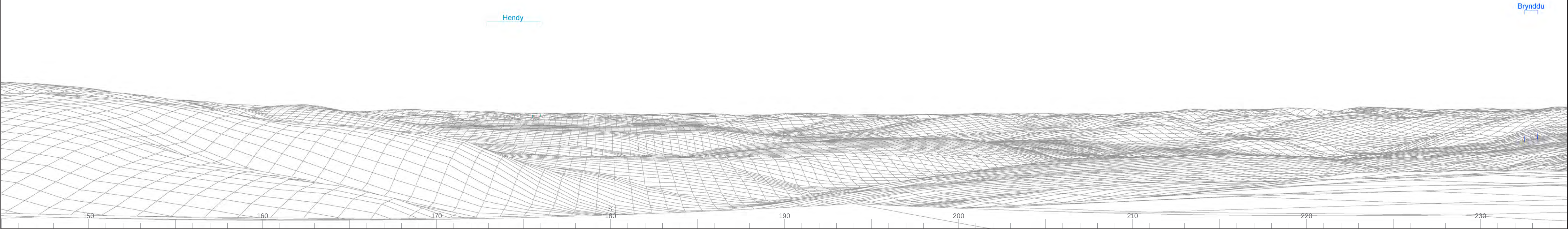
Garn Fach
Figure: 6-32d
Viewpoint 12: Glyndŵr's Way, Fron Top



Baseline photograph

This image provides landscape and visual context only

Wireline drawing



OS reference: 311182E 279003N
AOD: 453.156643 m
Direction of view: 190°
Nearest turbine: 6.5 km

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D750
Lens: 50mm Fixed Focal Length
Camera height: 1.5m

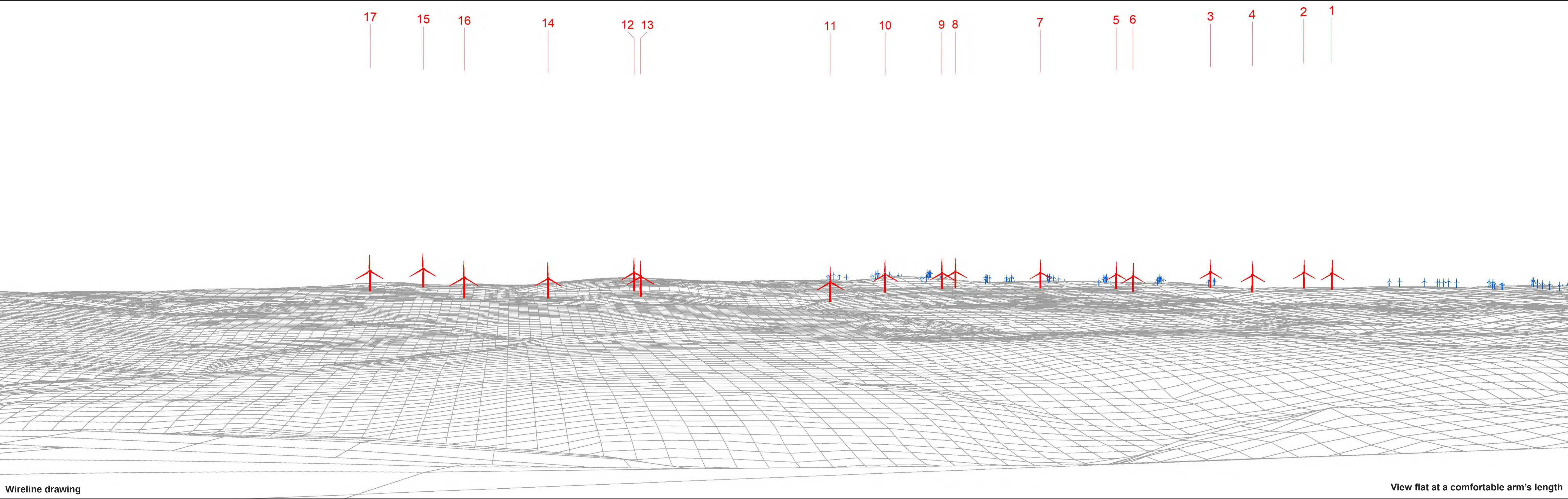
Photography Date: 17/05/2018
Photography Time: 10.37am

Wind Farm Developments key
(by status):

Proposed scheme
Operational
Under construction
Consented
Application
Appeal/PLI

Garn Fach
Figure: 6-32e
Viewpoint 12: Glyndŵr's Way, Fron Top

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OS reference: 311182E 279003N
AOD: 453m
Direction of view: 280°
Nearest turbine: 6.5 km

Horizontal field of view: 53.5° (planar projection)
Principal distance: 812.5 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Wind Farm Developments key
(by status):

Proposed scheme Operational

Garn Fach
Figure: 6-32f
Viewpoint 12: Glyndŵr's Way, Fron Top



Photomontage

View flat at a comfortable arm's length



OS reference: 311182E 279003N
AOD: 453m
Direction of view: 280°
Nearest turbine: 6.5 km

Horizontal field of view: 53.5° (planar projection)
Principal distance: 812.5 mm
Paper size: 841 x 297 mm (half A1)
Correct printed image size: 820 x 260 mm

Camera: Nikon D750
Lens: 50mm Fixed Focal Length
Camera height: 1.5m

Photography Date: 17/05/2018
Photography Time: 10.37am

Garn Fach
Figure: 6-32g
Viewpoint 12: Glyndŵr's Way, Fron Top