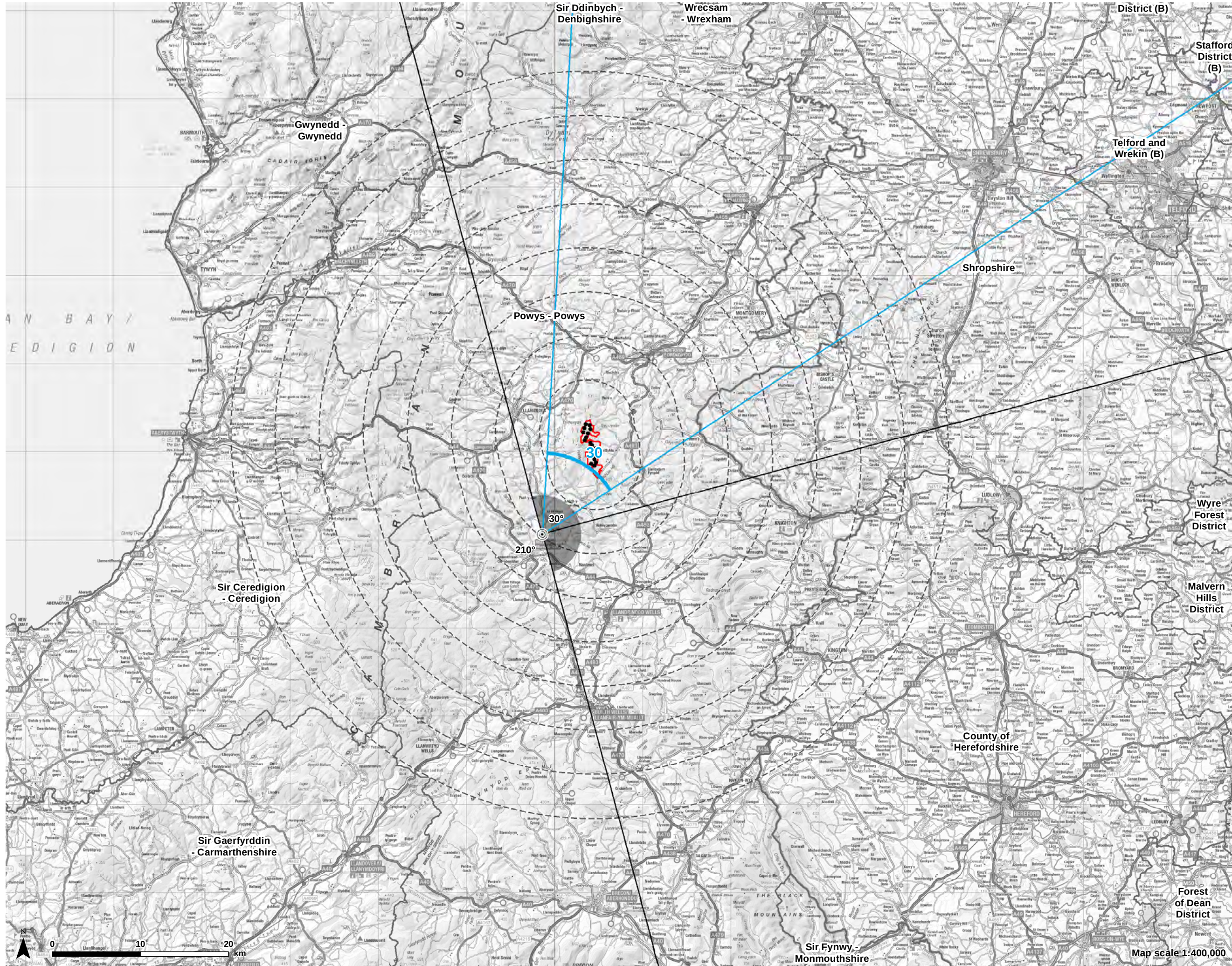
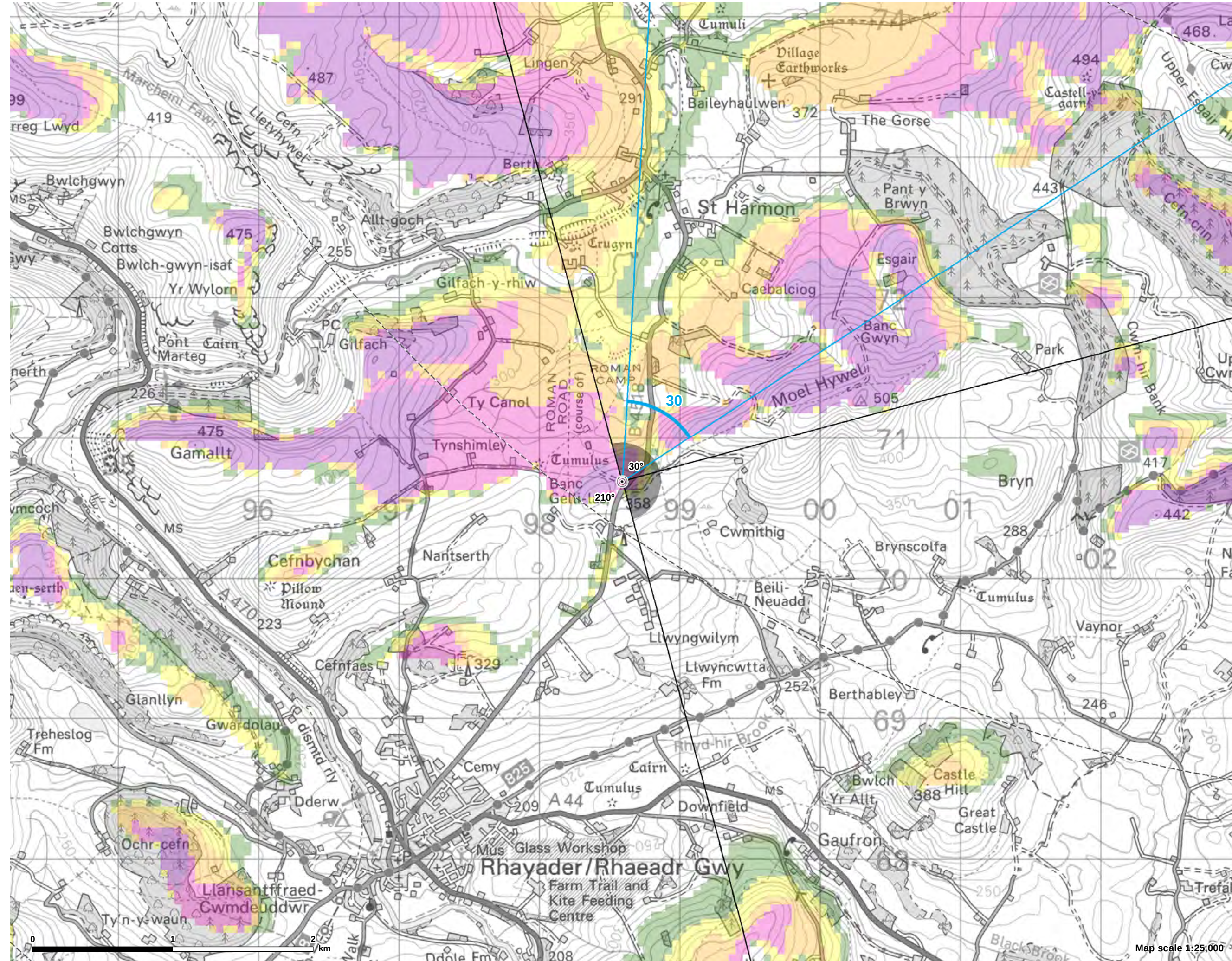




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Garn Fach Wind Farm LVIA



Figure: 6-37a: VP17  
B4518 South of 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

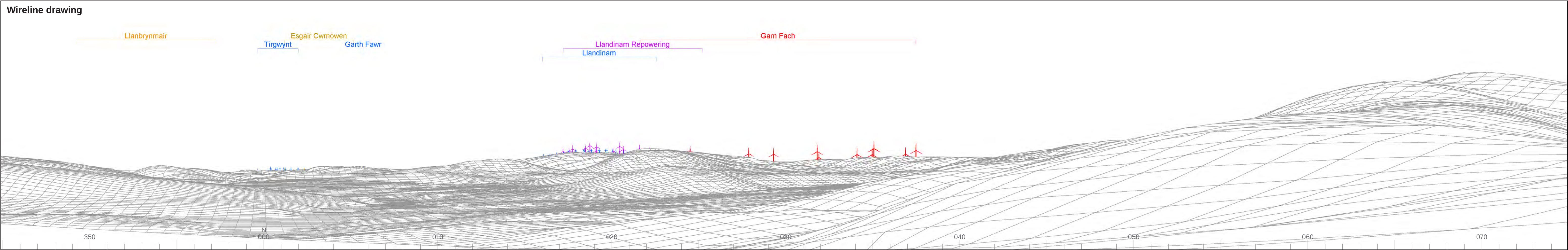
**Note**  
The ZTV is calculated to turbine tip height (149.9m) from a viewing height of 2m above ground level. The terrain model assumes bare ground and is derived from OS Terrain 50 height data (obtained from Ordnance Survey in July 2019).

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

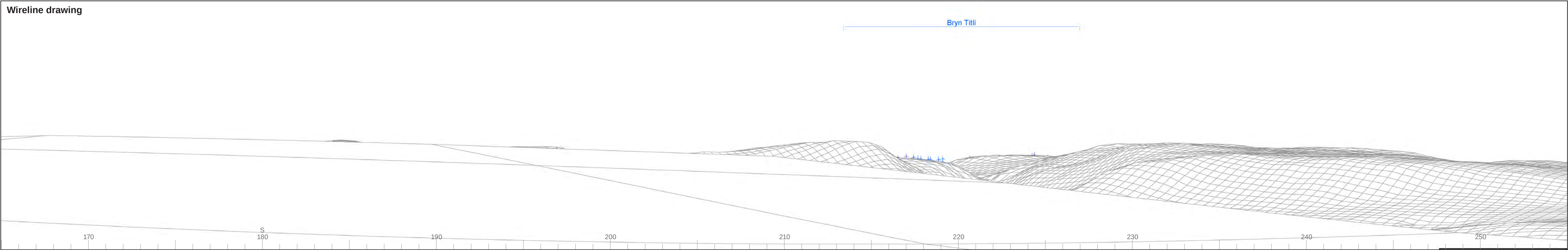


CB:XX EB:Packham\_B LUC:SNH\_Template\_Double\_A3L\_DDP 17/05/2021  
Source:



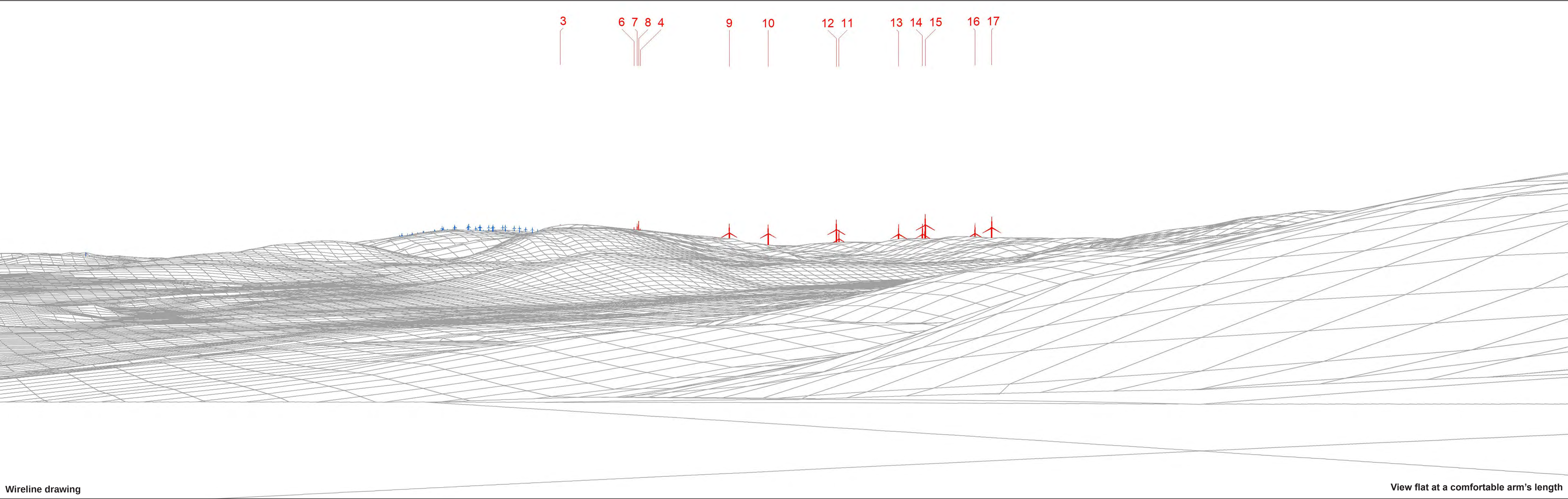








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OS reference: 298589E 270689N  
AOD: 355m  
Direction of view: 30°  
Nearest turbine: 9.7 km

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

Notes:  
1) Only added in if required.  
2) Added in by switching on layer in InDesign  
3) Cannot be automated by spreadsheet

Garn Fach  
Figure: 6-37d  
Viewpoint 17: B4518 South of St Harmon





Photomontage

View flat at a comfortable arm's length



OS reference: 298589E 270689N  
AOD: 355m  
Direction of view: 30°  
Nearest turbine: 9.7 km

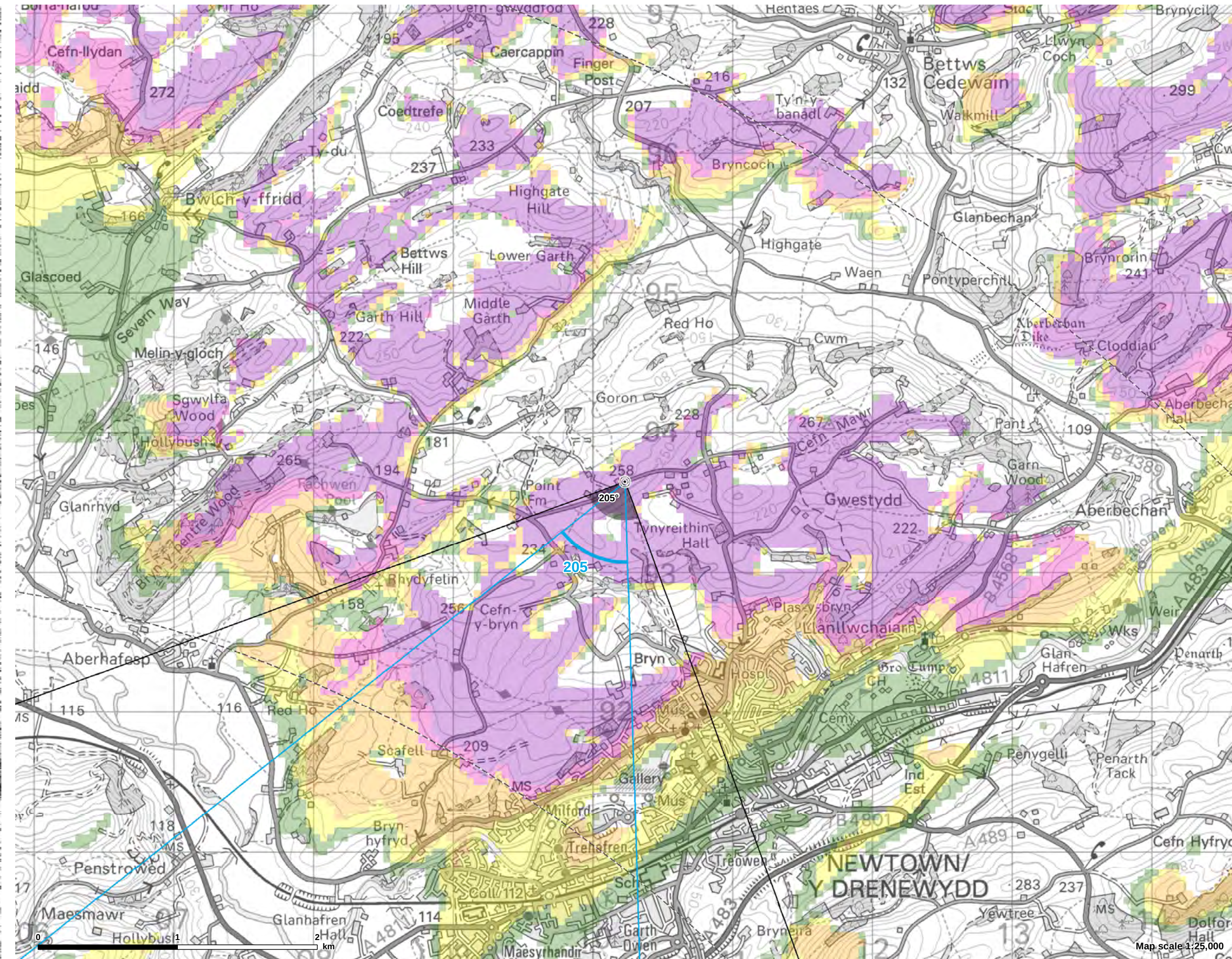
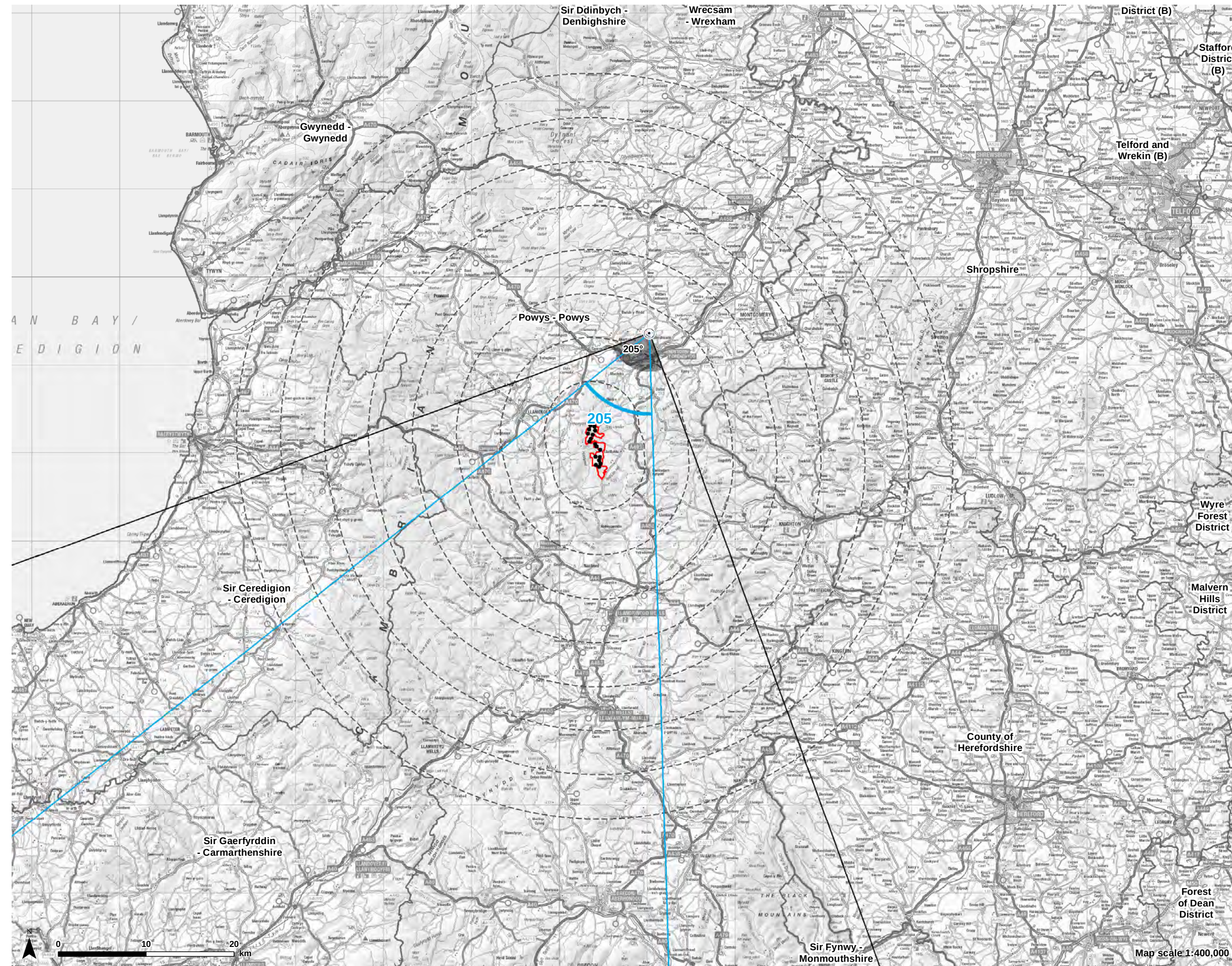
Horizontal field of view: 53.5° (planar projection)  
Principal distance: 812.5 mm  
Paper size: 841 x 297 mm (half A1)  
Correct printed image size: 820 x 260 mm

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

Photography Date: 17/05/2018  
Photography Time: 14.03pm

Garn Fach  
Figure: 6-37e  
Viewpoint 17: B4518 South of St Harmon





**Figure: 6-38a: VP18**  
**Minor Road Pen-shwa Lane, North of Newtown**



-  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.



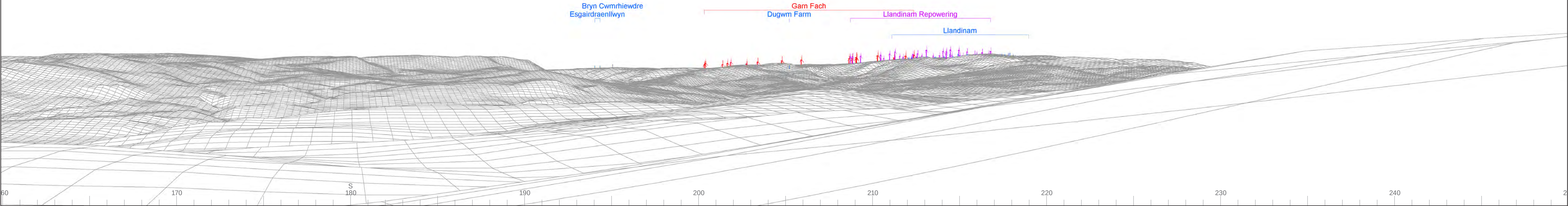




Baseline photograph

This image provides landscape and visual context only

Wireline drawing



OS reference: 310228E 293649N  
AOD: 256m  
Direction of view: 205°  
Nearest turbine: 12.3 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: 04/11/2020  
Photography Time: 11.19am

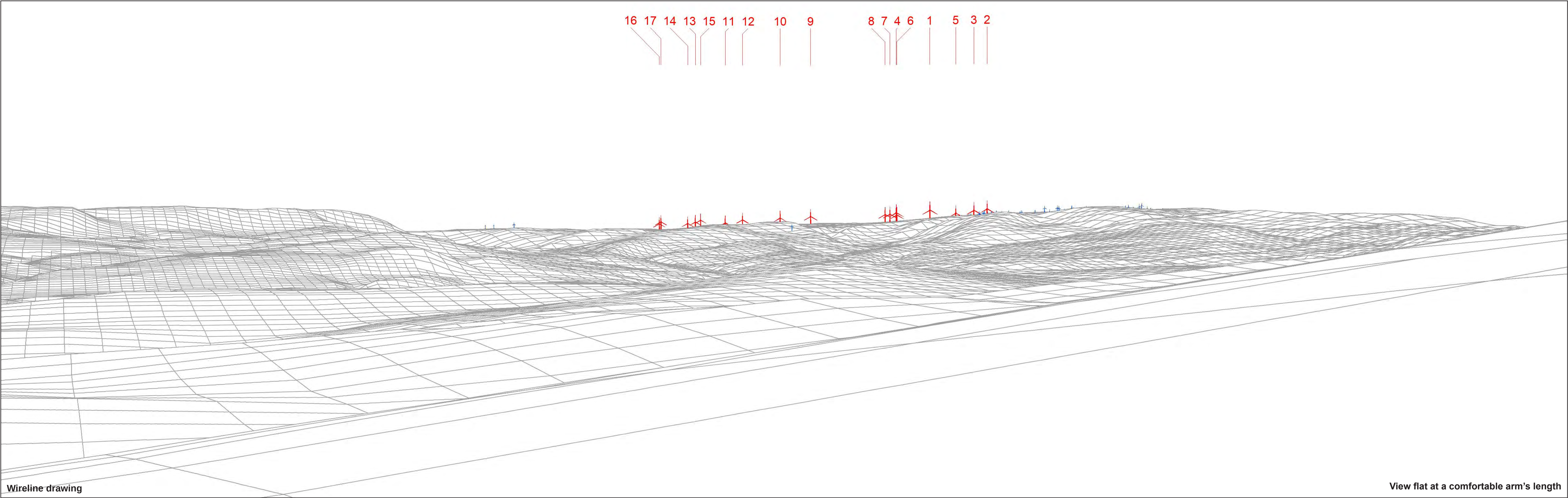
Wind Farm Developments key  
(by status):

Proposed scheme  
Operational  
Under construction  
Consented  
Application  
Appeal/PLI

Garn Fach  
Figure: 6-38b  
Viewpoint 18: Minor Road Pen-shwa Lane, North of Newtown



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Wireline drawing

View flat at a comfortable arm's length



OS reference: 310228E 293649N  
AOD: 256m  
Direction of view: 205°  
Nearest turbine: 12.3 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





Photomontage

View flat at a comfortable arm's length



OS reference: 310228E 293649N  
AOD: 256m  
Direction of view: 205°  
Nearest turbine: 12.3 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: 04/11/2020  
Photography Time: 11.19am



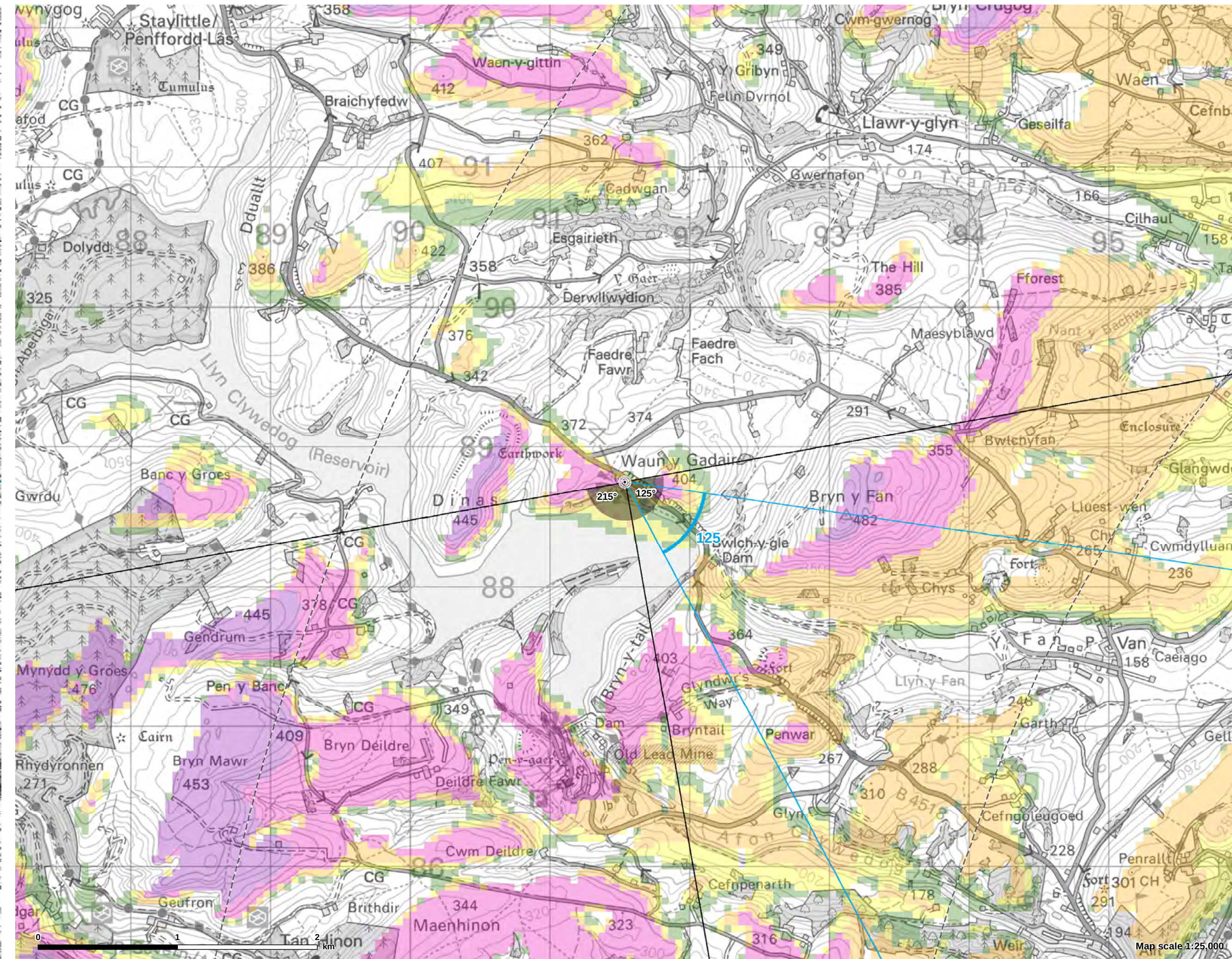
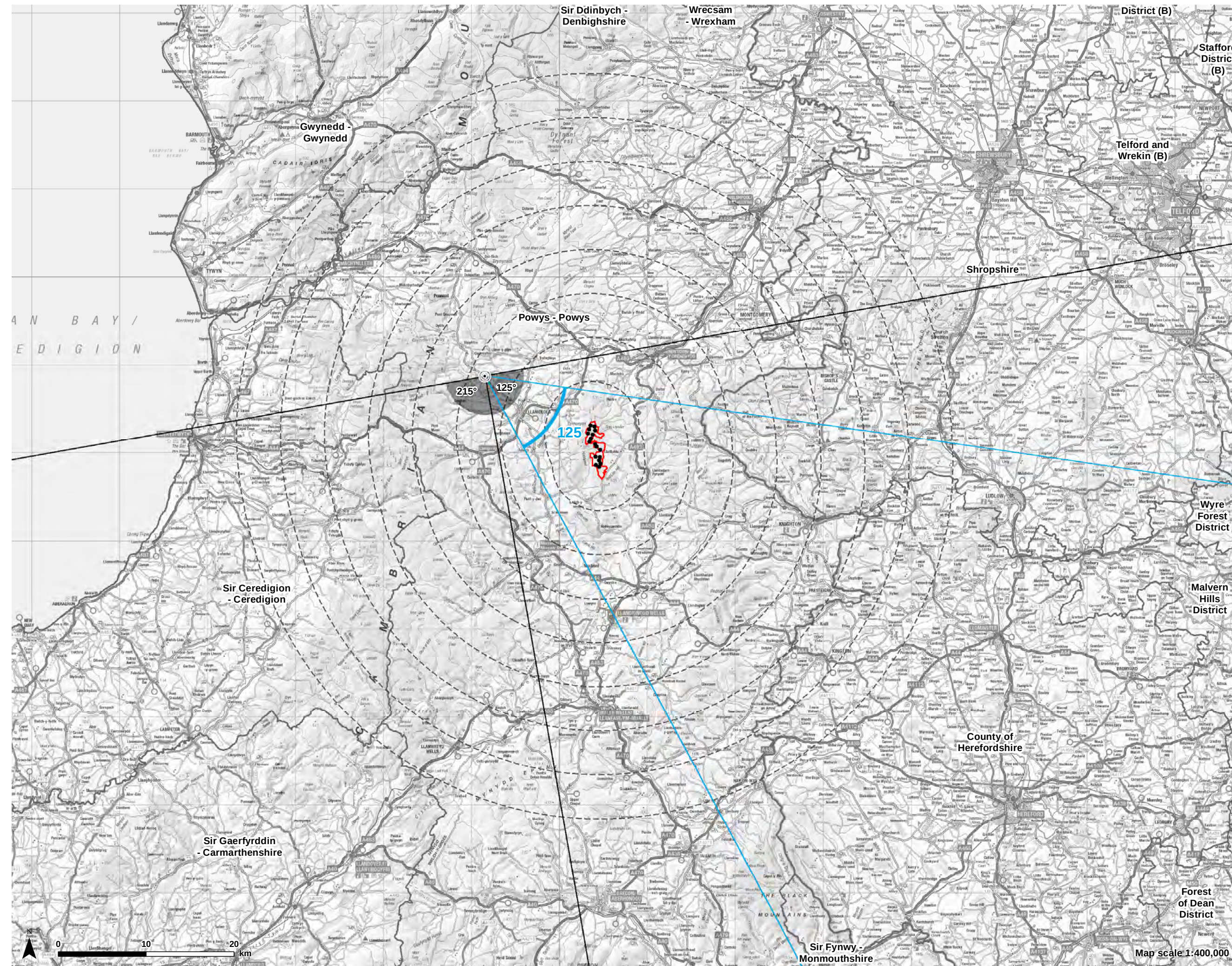
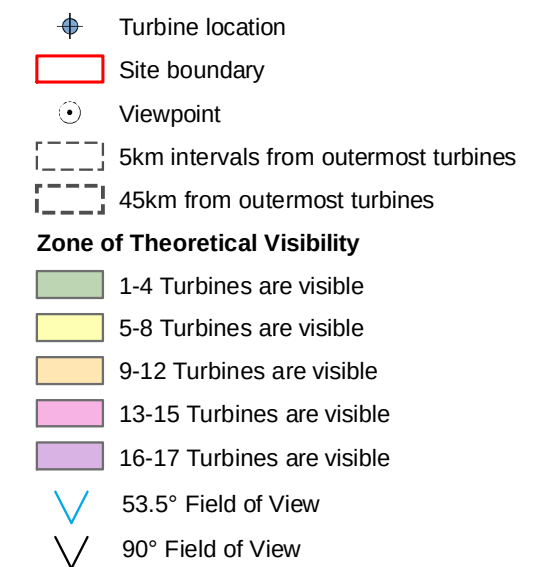


Figure: 6-39a: VP19  
Llyn Clywedog roadside viewpoint



**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).

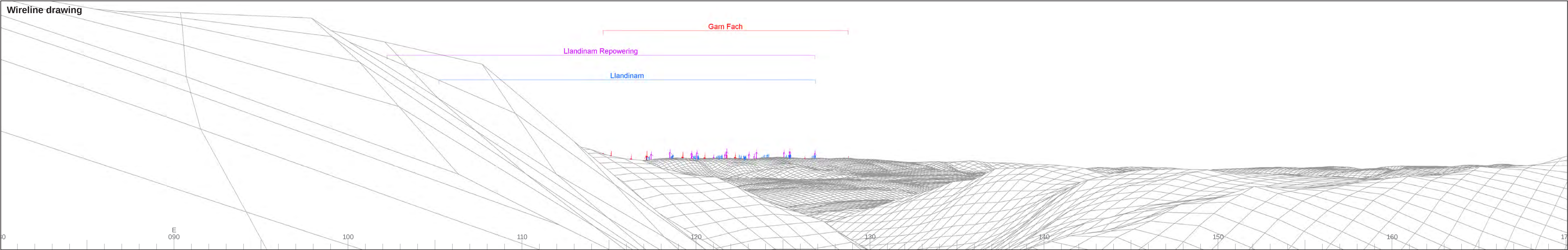
Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcMap 10.5.1 software.





Baseline photograph

This image provides landscape and visual context only



Wireline drawing

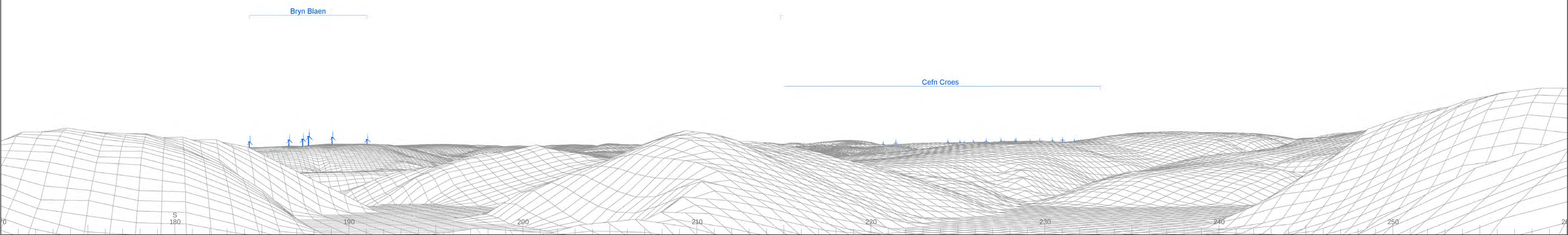




Baseline photograph

This image provides landscape and visual context only

Wireline drawing



OS reference: 291536E 288751N  
AOD: 362m  
Direction of view: 215°  
Nearest turbine: 13.3 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

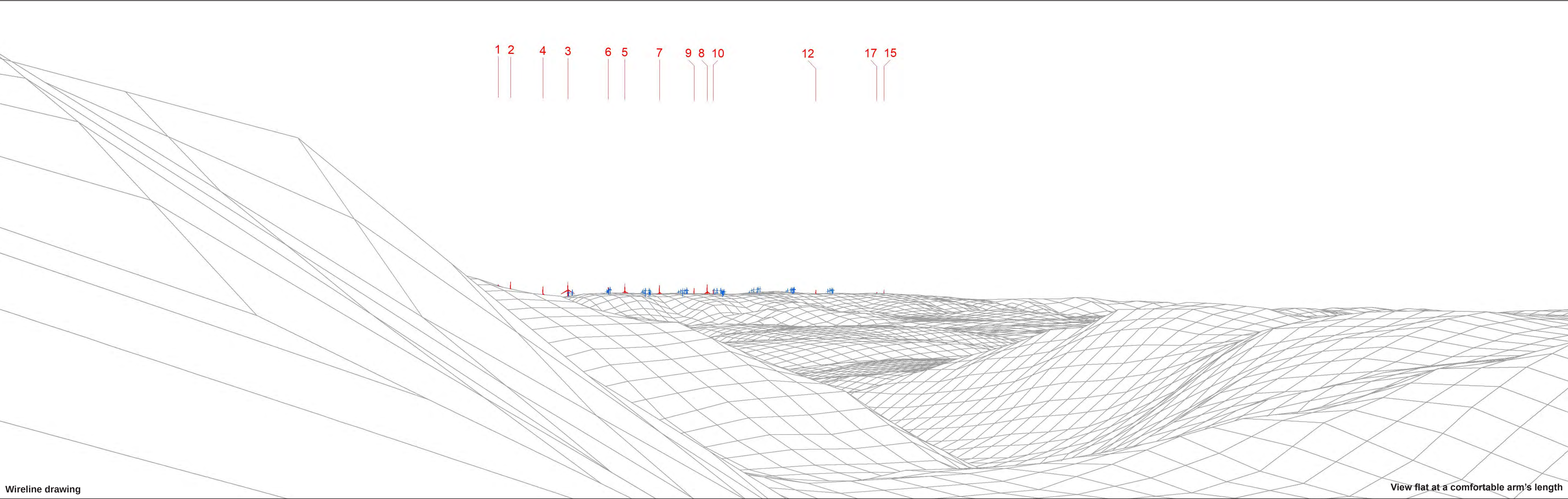
Photography Date: 17/05/2018  
Photography Time: 15.58pm

Wind Farm Developments key  
(by status):

Proposed scheme  
Operational  
Under construction  
Consented  
Application  
Appeal/PLI



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Wireline drawing

View flat at a comfortable arm's length



|                    |                 |                             |                           |
|--------------------|-----------------|-----------------------------|---------------------------|
| OS reference:      | 291536E 288751N | Horizontal field of view:   | 53.5° (planar projection) |
| AOD:               | 362m            | Principal distance:         | 812.5 mm                  |
| Direction of view: | 125°            | Paper size:                 | 841 x 297 mm (half A1)    |
| Nearest turbine:   | 13.3 km         | Correct printed image size: | 820 x 260 mm              |

Wind Farm Developments key  
(by status):

Proposed scheme Operational

Garn Fach  
Figure: 6-39d  
Viewpoint 19: Llyn Clywedog roadside viewpoint





Photomontage

View flat at a comfortable arm's length



OS reference: 291536E 288751N  
AOD: 362m  
Direction of view: 125°  
Nearest turbine: 13.3 km

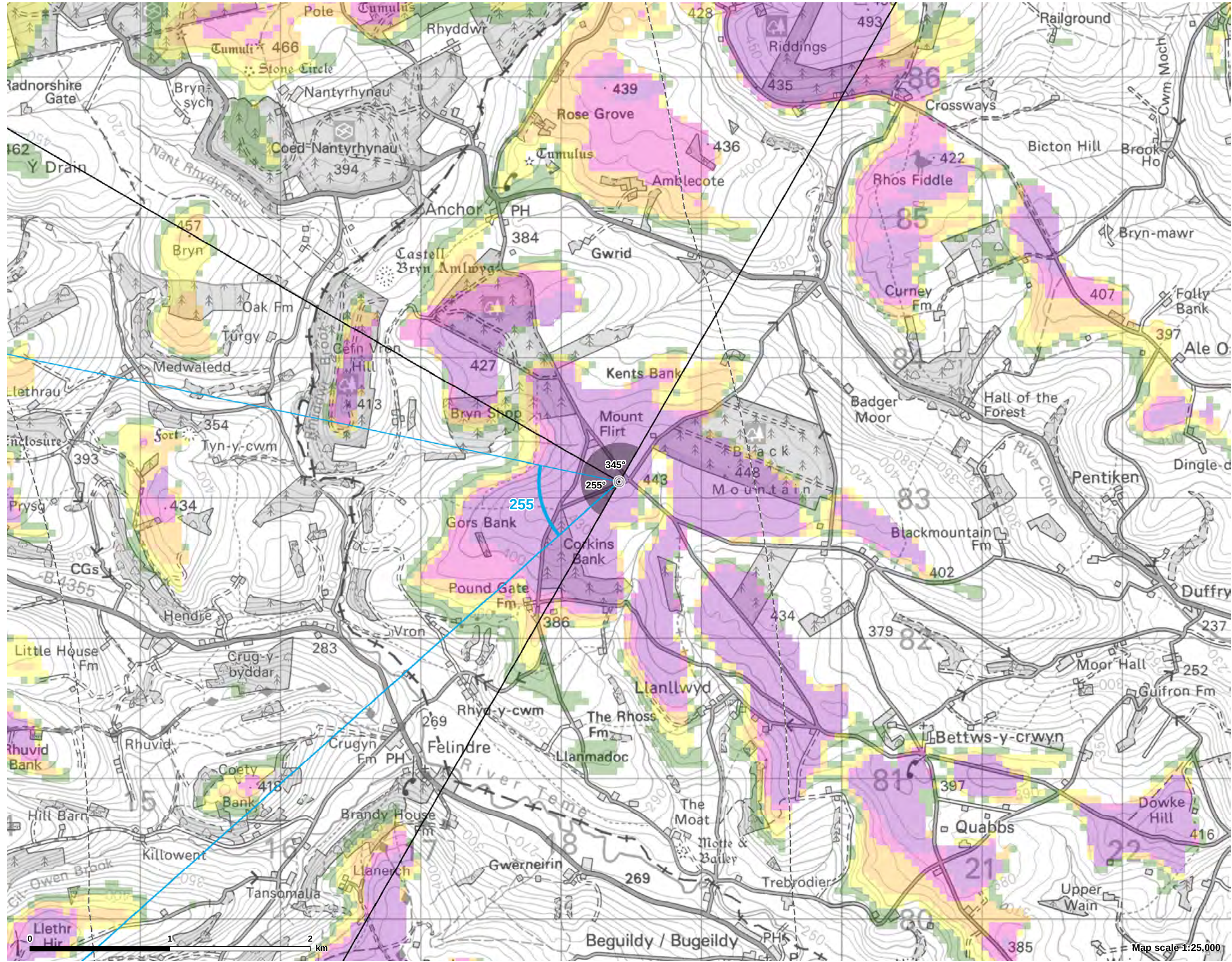
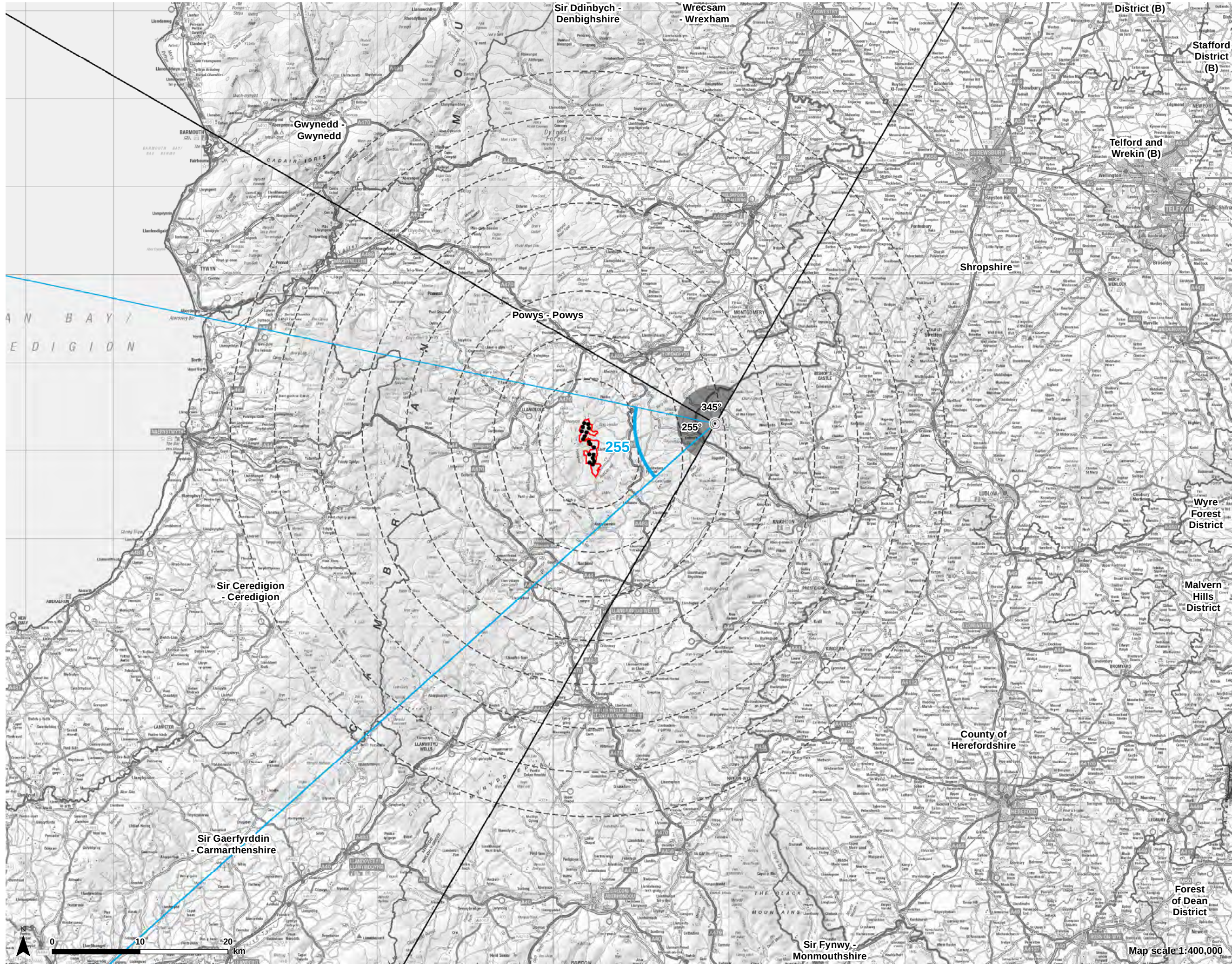
Horizontal field of view: 53.5° (planar projection)  
Principal distance: 812.5 mm  
Paper size: 841 x 297 mm (half A1)  
Correct printed image size: 820 x 260 mm

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

Photography Date: 17/05/2018  
Photography Time: 15.58pm

Garn Fach  
Figure: 6-39e  
Viewpoint 19: Llyn Clywedog roadside viewpoint





Garn Fach Wind Farm LVIA



Figure: 6-40a: VP20  
Intersection of Minor Roads at Black Mountain, Shropshire  
AONB

- 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.



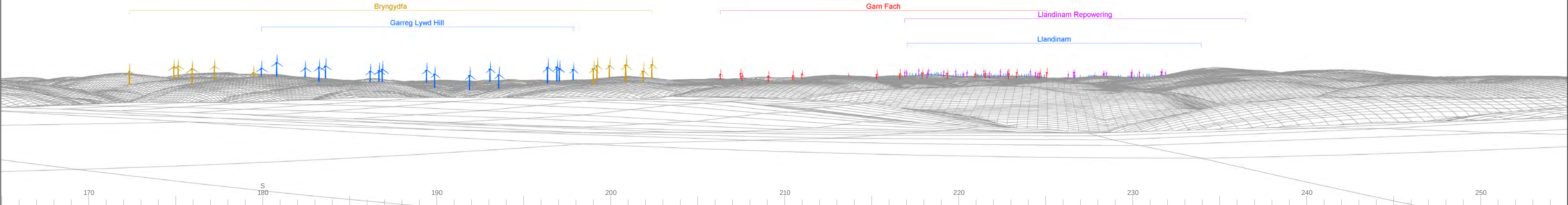




Baseline photograph

This image provides landscape and visual context only

Wireline drawing



OS reference: 318413E 283119N  
AOD: 442m  
Direction of view: 255°  
Nearest turbine: 14.1 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: 16/10/2020  
Photography Time: 10.46am

Wind Farm Developments key  
(by status):

Proposed scheme  
Operational  
Under construction  
Consented  
Application  
Appeal/PLI

Viewpoint 20: Intersection of Minor Roads at Black Mountain, Shropshire AONB

Garn Fach  
Figure: 6-40b

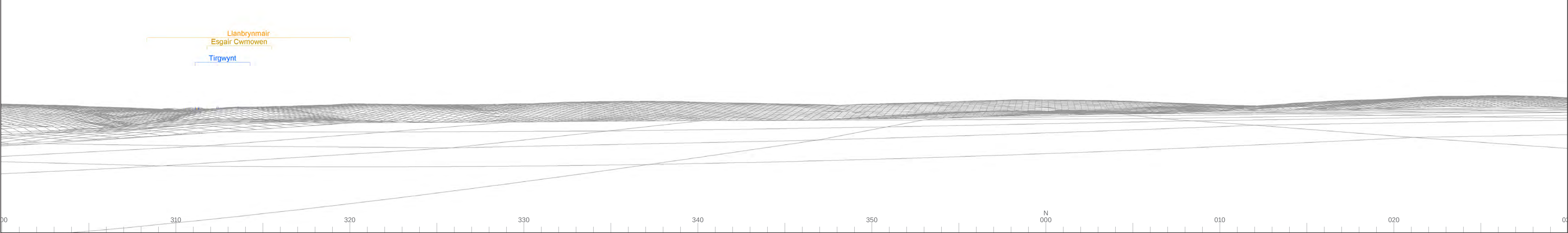




Baseline photograph

This image provides landscape and visual context only

Wireline drawing



OS reference: 318413E 283119N  
AOD: 442m  
Direction of view: 345°  
Nearest turbine: 14.1 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: 16/10/2020  
Photography Time: 10.46am

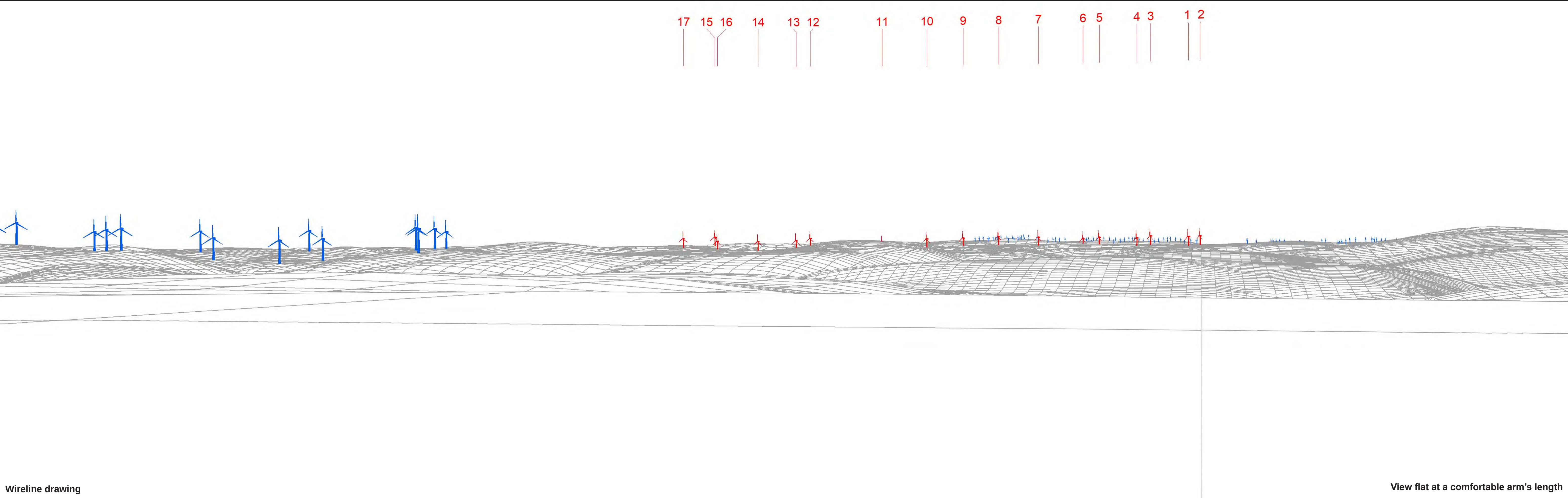
Wind Farm Developments key  
(by status):

Proposed scheme  
Operational  
Under construction  
Consented  
Application  
Appeal/PLI

Garn Fach  
Figure: 6-40c  
Viewpoint 20: Intersection of Minor Roads at Black Mountain, Shropshire AONB



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OS reference: 318413E 283119N  
AOD: 442m  
Direction of view: 255°  
Nearest turbine: 14.1 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: 6-40d  
Viewpoint 20: Intersection of Minor Roads at Black Mountain, Shropshire AONB





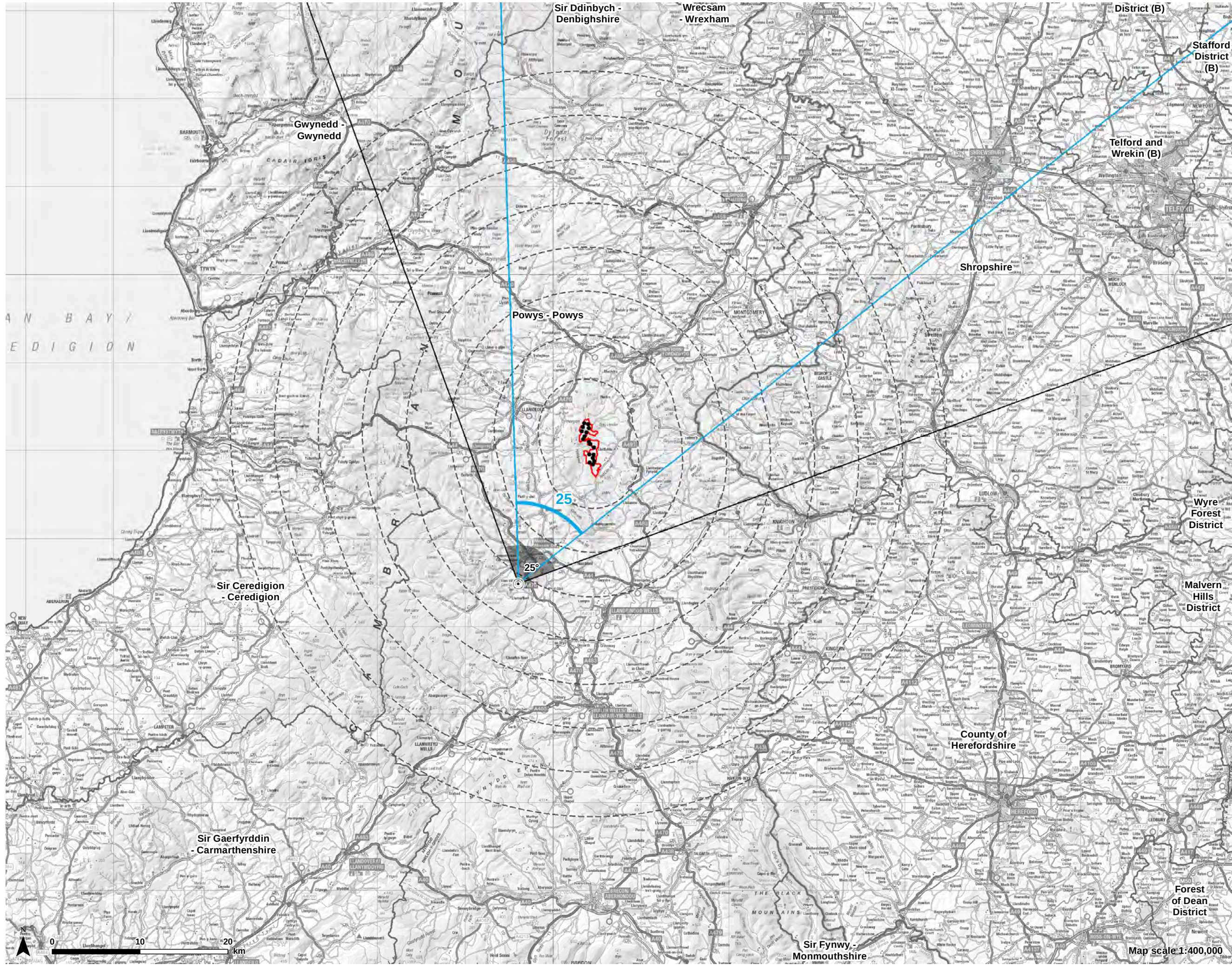
OS reference: 318413E 283119N  
AOD: 442m  
Direction of view: 255°  
Nearest turbine: 14.1 km

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

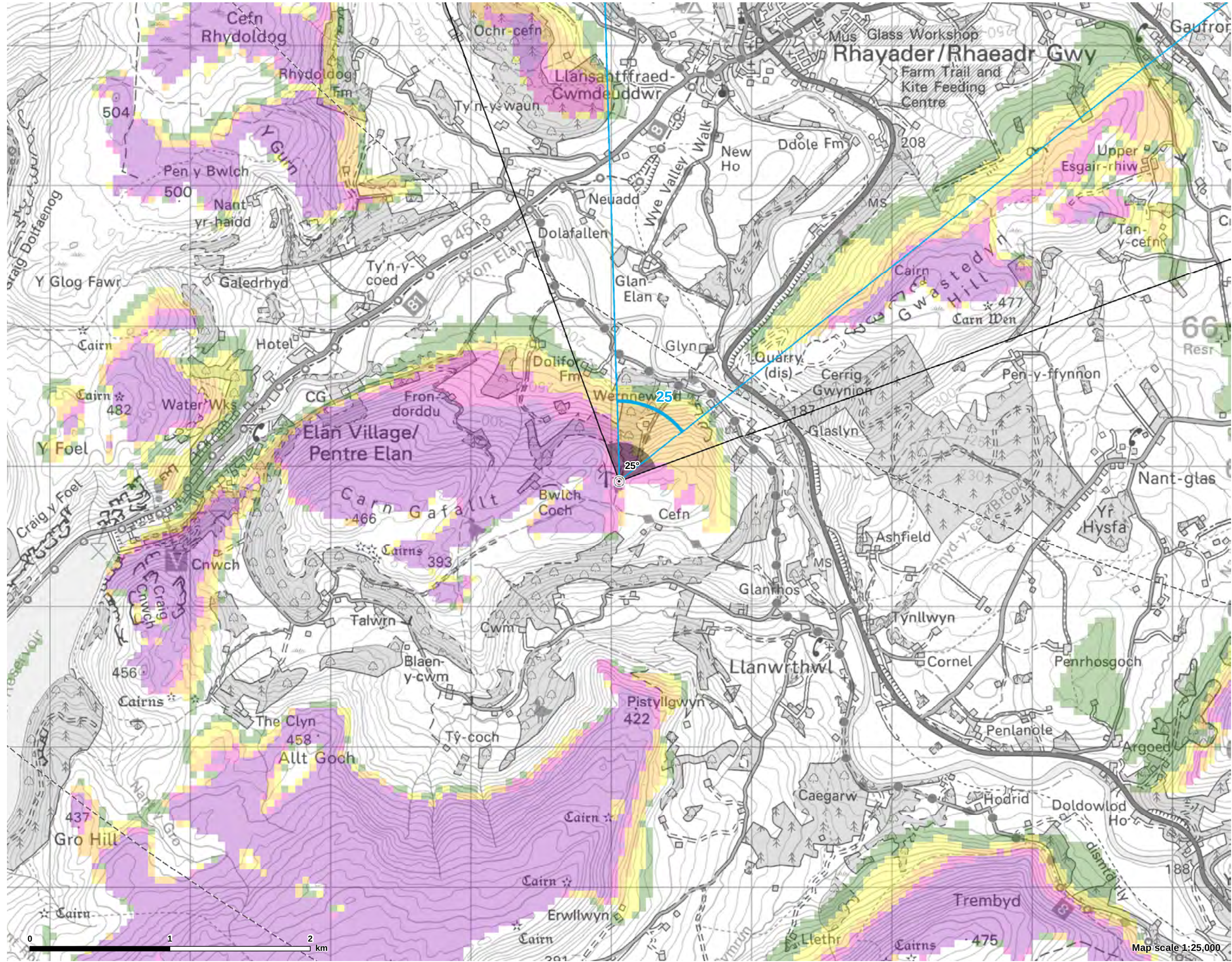
Camera: Nikon D750  
Lens: 50mm Fixed Focal Length  
Camera height: 1.5m

Photography Date: 16/10/2020  
Photography Time: 10.46am





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CB:XX EB Packham\_B LUC SNH\_Template\_Double\_A3L\_DDP 18/05/2021 Source:

Garn Fach Wind Farm LVIA



Figure: 6-41a: VP21  
Wye Valley Walk south of Rhayader

- 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).

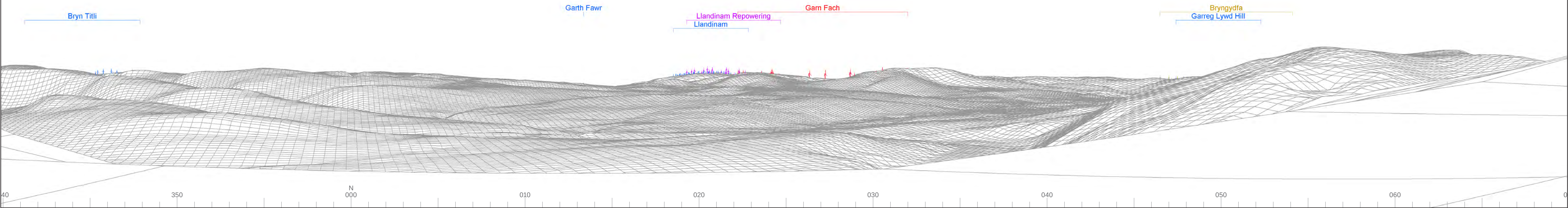
Earth curvature and atmospheric refraction have been taken into account. The ZTV was calculated using ArcMap 10.5.1 software.







Wireline drawing

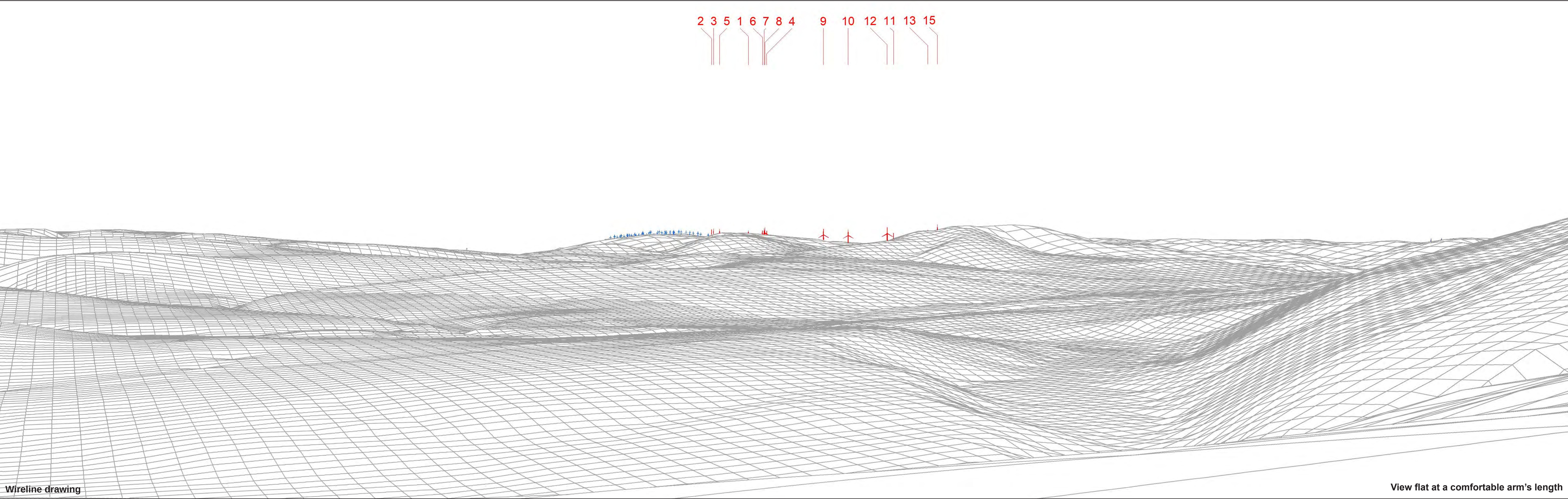


Viewpoint 21: Wye Valley Walk south of Rhayader

Figure: 6-41b



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Wireline drawing

View flat at a comfortable arm's length



|                    |                 |                             |                           |
|--------------------|-----------------|-----------------------------|---------------------------|
| OS reference:      | 296056E 264893N | Horizontal field of view:   | 53.5° (planar projection) |
| AOD:               | 374m            | Principal distance:         | 812.5 mm                  |
| Direction of view: | 25°             | Paper size:                 | 841 x 297 mm (half A1)    |
| Nearest turbine:   | 16 km           | Correct printed image size: | 820 x 260 mm              |

Wind Farm Developments key  
(by status):

Proposed scheme Operational

Garn Fach  
Figure: 6-41c  
Viewpoint 21: Wye Valley Walk south of Rhayader





Photomontage

View flat at a comfortable arm's length



OS reference: 296056E 264893N  
AOD: 374m  
Direction of view: 25°  
Nearest turbine: 16 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: 15/10/2020  
Photography Time: 17.11pm