



## UPPER OGMORE WIND FARM ROTOR INCREASE LVA

**FIGURE 5**  
**Viewpoint 4**  
**Parc Calon Lan,**  
**Blaengarw**

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2018 LICENCE NUMBER 0100031673.

- Site boundary
- Turbine location
- Viewpoint location
- Horizontal field of view: 53.5°



### Viewpoint Location

|                                                   |                |
|---------------------------------------------------|----------------|
| OS Reference:                                     | 289854, 193095 |
| AOD at viewpoint:<br>(derived from OS Terrain 50) | 198m           |
| Distance to nearest turbine:                      | 1.8km          |

Source: RES, LUC

LAYOUT DWG: 6822- T-LAYOUT NO.: PWALuog033

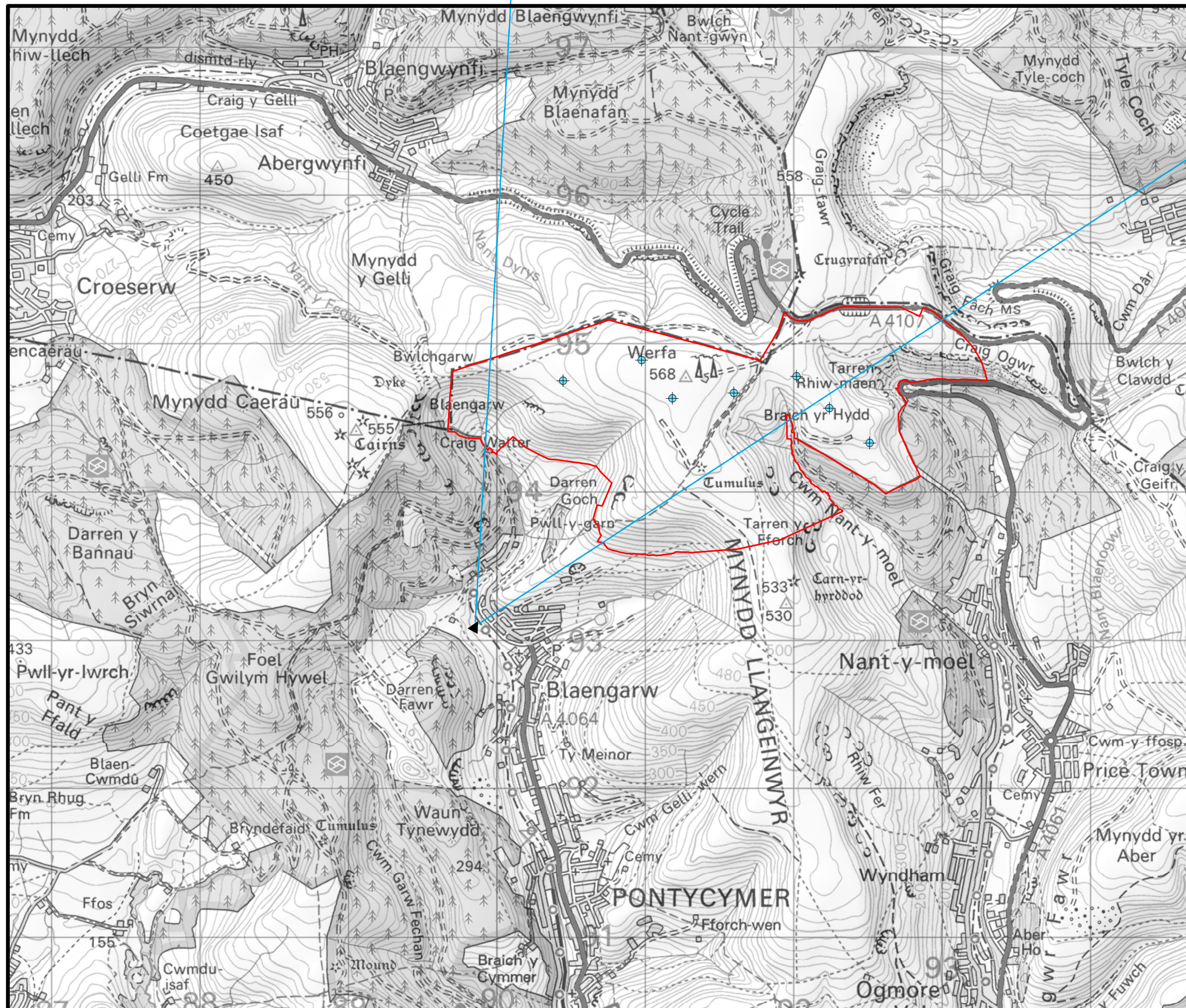
DRAWING NUMBER:  
LUC EDI FIGX\_6822\_r2\_VPOverviews\_A3P 19/10/2018



SCALE - 1:25,000 @ A3

### LANDSCAPE AND VISUAL IMPACT ASSESSMENT

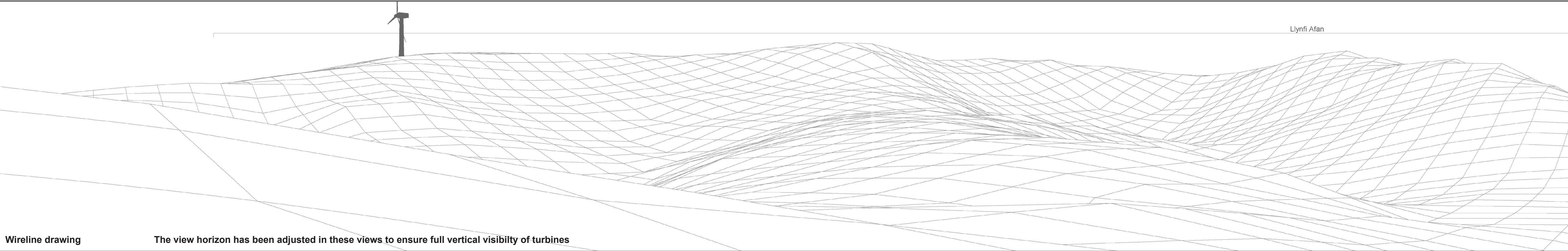
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WHOLE OR IN PART WITHOUT PERMISSION





Baseline photograph

This image provides landscape and visual context only



Wireline drawing

The view horizon has been adjusted in these views to ensure full vertical visibility of turbines

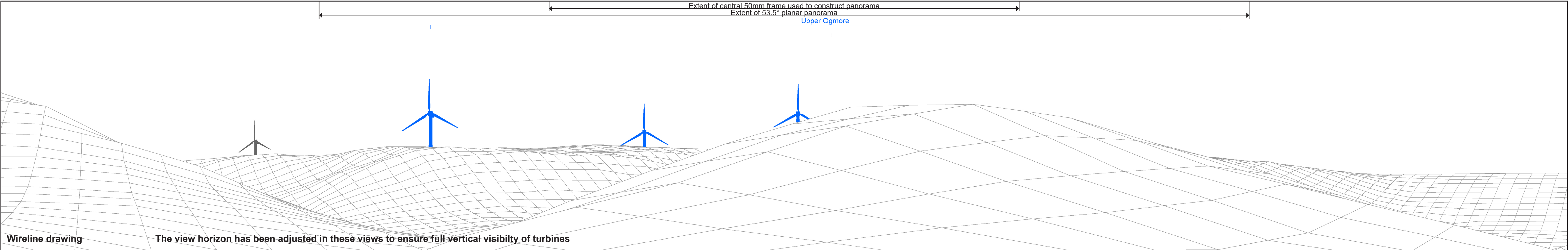
Figure: 5.1  
Viewpoint 4: Parc Calon Lan, Blaengarw

|                                         |                 |                    |                   |                             |                              |                |                    |
|-----------------------------------------|-----------------|--------------------|-------------------|-----------------------------|------------------------------|----------------|--------------------|
| Cumulative Windfarm<br>key (by status): | Proposed scheme | OS reference:      | 289854 E 193095 N | Horizontal field of view:   | 90° (cylindrical projection) | Camera:        | Nikon D600         |
|                                         | Operational     | AOD:               | 198 m             | Principal distance:         | 522 mm                       | Lens:          | Nikkor 50mm f/1.8D |
|                                         | Consented       | Direction of view: | 310°              | Paper size:                 | 841 x 297 mm (half A1)       | Camera height: | 1.5 m AGL          |
|                                         | Application     | Nearest turbine:   | 1.8 km            | Correct printed image size: | 820 x 260 mm                 | Date and time: | 03/07/2018 17:00   |



Baseline photograph

This image provides landscape and visual context only

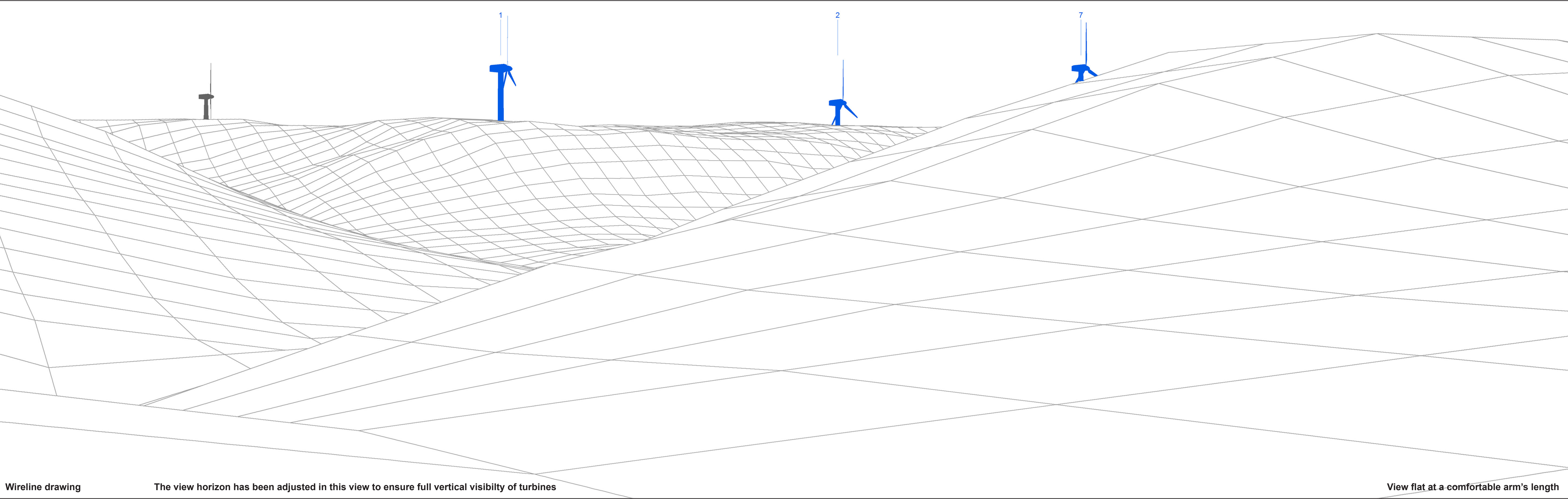


Wireline drawing

The view horizon has been adjusted in these views to ensure full vertical visibility of turbines

Figure: 5.2  
Viewpoint 4: Parc Calon Lan, Blaengarw

|                                         |                 |                    |                   |                             |                              |                |                    |
|-----------------------------------------|-----------------|--------------------|-------------------|-----------------------------|------------------------------|----------------|--------------------|
| Cumulative Windfarm<br>key (by status): | Proposed scheme | OS reference:      | 289854 E 193095 N | Horizontal field of view:   | 90° (cylindrical projection) | Camera:        | Nikon D600         |
|                                         | Operational     | AOD:               | 198 m             | Principal distance:         | 522 mm                       | Lens:          | Nikkor 50mm f/1.8D |
|                                         | Consented       | Direction of view: | 40°               | Paper size:                 | 841 x 297 mm (half A1)       | Camera height: | 1.5 m AGL          |
|                                         | Application     | Nearest turbine:   | 1.8 km            | Correct printed image size: | 820 x 260 mm                 | Date and time: | 03/07/2018 17:00   |



**Figure: 5.3**  
**Viewpoint 4: Parc Calon Lan, Blaengarw**

|                    |                   |                             |                           |                |                    |
|--------------------|-------------------|-----------------------------|---------------------------|----------------|--------------------|
| OS reference:      | 289854 E 193095 N | Horizontal field of view:   | 53.5° (planar projection) | Camera:        | Nikon D600         |
| AOD:               | 198 m             | Principal distance:         | 812.5 mm                  | Lens:          | Nikkor 50mm f/1.8D |
| Direction of view: | 30°               | Paper size:                 | 841 x 297 mm (half A1)    | Camera height: | 1.5 m AGL          |
| Nearest turbine:   | 1.8 km            | Correct printed image size: | 820 x 260 mm              | Date and time: | 03/07/2018 17:00   |



Photomontage

The view horizon has been adjusted in this view to ensure full vertical visiblty of turbines

View flat at a comfortable arm's length

**Figure: 5.4**  
**Viewpoint 4: Parc Calon Lan, Blaengarw**

|                    |                   |                             |                           |                |                    |
|--------------------|-------------------|-----------------------------|---------------------------|----------------|--------------------|
| OS reference:      | 289854 E 193095 N | Horizontal field of view:   | 53.5° (planar projection) | Camera:        | Nikon D600         |
| AOD:               | 198 m             | Principal distance:         | 812.5 mm                  | Lens:          | Nikkor 50mm f/1.8D |
| Direction of view: | 30°               | Paper size:                 | 841 x 297 mm (half A1)    | Camera height: | 1.5 m AGL          |
| Nearest turbine:   | 1.8 km            | Correct printed image size: | 820 x 260 mm              | Date and time: | 03/07/2018 17:00   |