

Viewpoint Location Plan  
 Scale: 1:50,000 (Proposed Varied Development Layout Blade Tip ZTV)

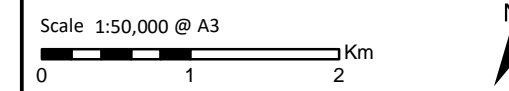
**Note:**  
 1. **ZTV:** Created using ESRI ArcGIS 10.6 software using the following data and parameters:  
 Blade tip height: 149.9m  
 DTM Data: OS Terrain 5. Resampled to a 10m grid.  
 Observer height: 1.5m  
 No surface features, such as buildings or trees, were included in the analysis.  
 Earth curvature and light refraction has been included in calculations.  
 2. © Crown copyright and database rights 2018 Ordnance Survey 10034870.

- 53.5-degree Field of View Viewpoint
- Gordonbush Extension Proposed Varied Development Turbine
- Gordonbush Extension Consented Development Turbine
- Gordonbush Operational Turbine

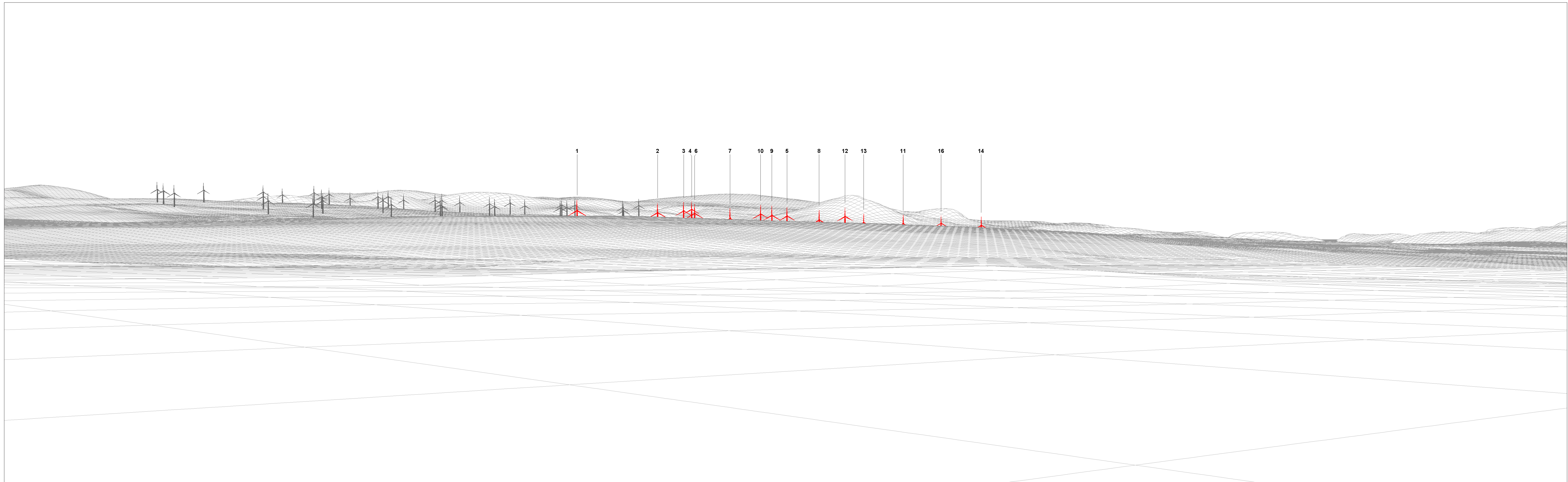
Blade tip ZTV  
 No. of turbines that are theoretically visible

|  |        |
|--|--------|
|  | 1 - 2  |
|  | 3 - 4  |
|  | 5 - 6  |
|  | 7 - 8  |
|  | 9 - 10 |
|  | 11     |

|                 |        |                   |          |
|-----------------|--------|-------------------|----------|
| Tip height:     | 149.9m | Observer height:  | 1.5m     |
| DTM:            | OS T5  | Surface features: | Excluded |
| DTM resolution: | 10m    | Earth curvature:  | Included |



**Figure 7.18**  
**SNH Visualisations**  
**Viewpoint 11: Hope Hill**



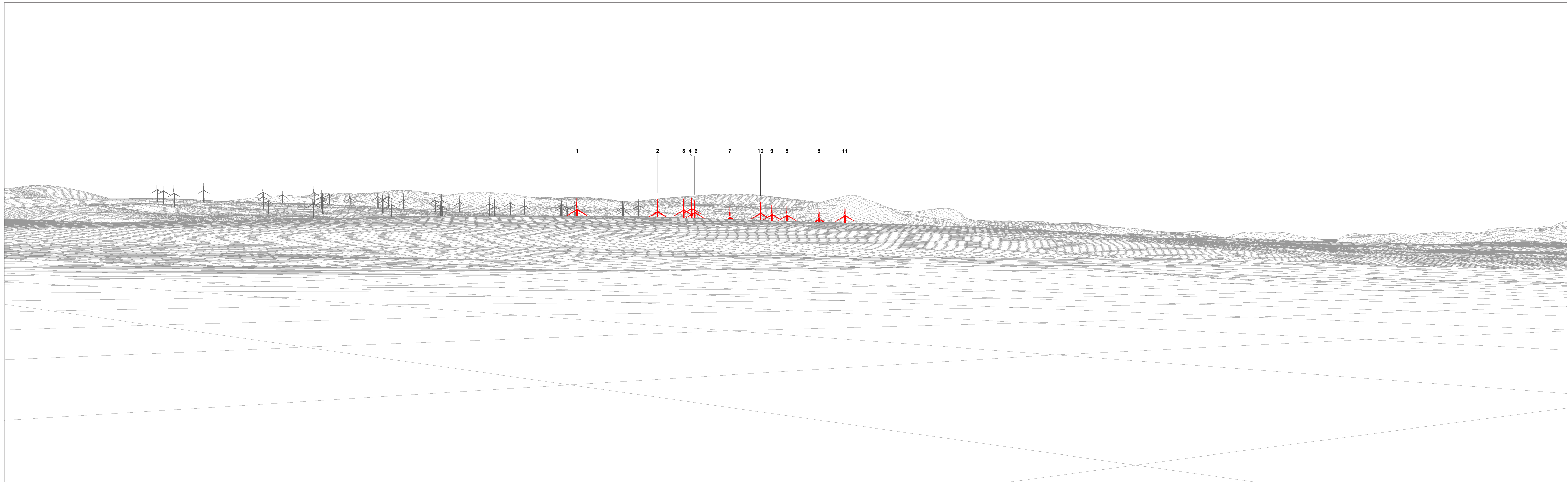
**Consented Development Layout**

OS reference: 277861 E 918871 N  
 Elevation: 253.5 m AOD  
 Direction of view: 128°  
 Nearest turbine: 7.968 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

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

**Figure: 7.18b Consented Development Layout  
 SNH Viewpoint 11: Hope Hill**



Proposed Varied Development Layout. Please note that the consented T12 has been renumbered as T11.

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height.

|                           |                   |                                    |                           |
|---------------------------|-------------------|------------------------------------|---------------------------|
| <b>OS reference:</b>      | 277861 E 918871 N | <b>Horizontal field of view:</b>   | 53.5° (planar projection) |
| <b>Elevation:</b>         | 253.5 m AOD       | <b>Principal distance</b>          | 812.5 mm                  |
| <b>Direction of view:</b> | 128°              | <b>Paper size:</b>                 | 841 x 297 mm (half A1)    |
| <b>Nearest turbine:</b>   | 7.968 km          | <b>Correct printed image size:</b> | 820 x 260 mm              |

**Figure: 7.18c Proposed Varied Development Layout  
SNH Viewpoint 11: Hope Hill**