

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.  
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**Key**

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

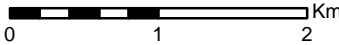
**Blade tip ZTV**

No. of turbines that are theoretically visible

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

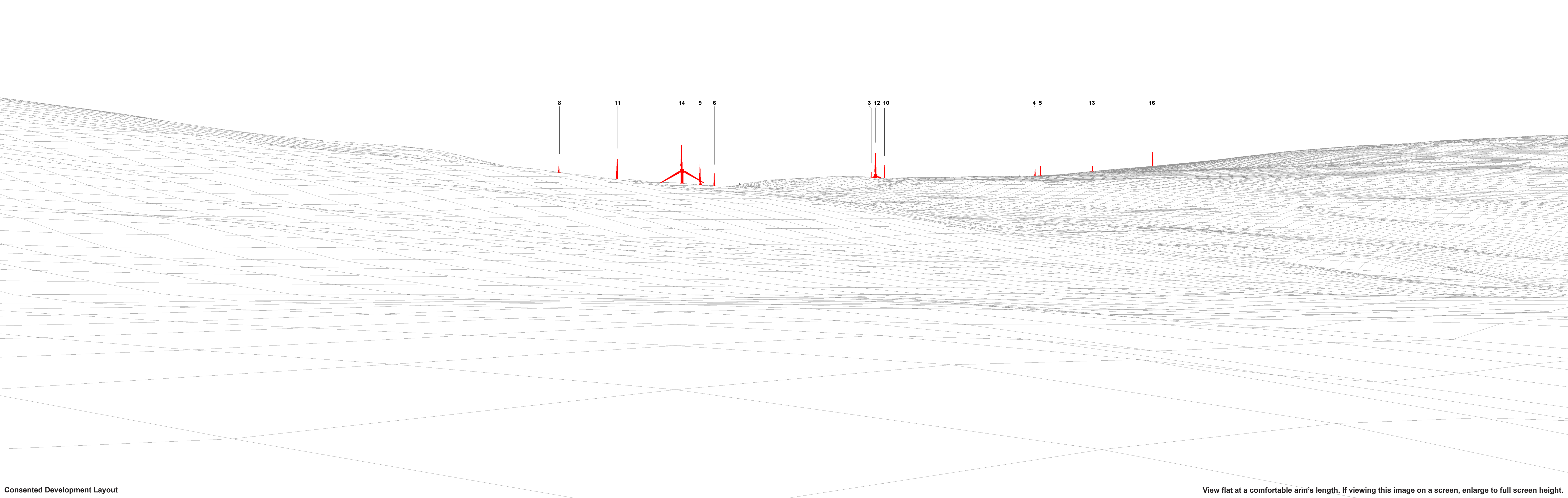
Tip height:	149.9m	Observer height:	1.5m
DTM:	OS T5	Surface features:	Excluded
DTM resolution:	10m	Earth curvature:	Included

Scale 1:50,000 @ A3



**Figure 7.12**  
**SNH Visualisations Viewpoint 5: Strath Brora near Balnacoll**

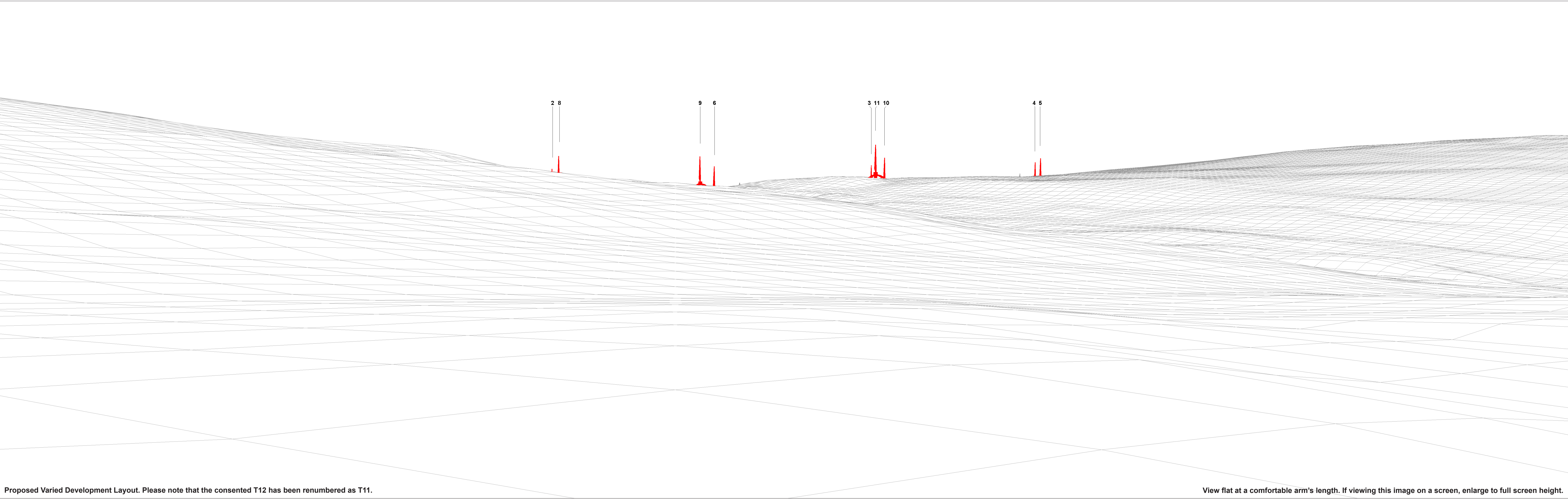




Consented Development Layout

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

OS reference:	281797 E 910867 N	Horizontal field of view:	53.5° (planar projection)	Figure: 7.12b Consented Development Layout SNH Viewpoint 5: Strath Brora near Balnacoil
Elevation:	34.5 m AOD	Principal distance	812.5 mm	
Direction of view:	49°	Paper size:	841 x 297 mm (half A1)	
Nearest turbine:	2.848 km	Correct printed image size:	820 x 260 mm	



OS reference:	281797 E 910867 N	Horizontal field of view:	53.5° (planar projection)
Elevation:	34.5 m AOD	Principal distance	812.5 mm
Direction of view:	49°	Paper size:	841 x 297 mm (half A1)
Nearest turbine:	3.656 km	Correct printed image size:	820 x 260 mm

Figure: 7.12c Proposed Varied Development Layout  
SNH Viewpoint 5: Strath Brora near Balnacoil

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Photomontage of Proposed Varied Development Layout

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

OS reference:	281797 E 910867 N	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mk2
Elevation:	34.5 m AOD	Principal distance	812.5 mm	Lens:	50mm (Canon EF 50mm f/1.4)
Direction of view:	49°	Paper size:	841 x 297 mm (half A1)	Camera height:	1.5 m AGL
Nearest turbine:	3.656 km	Correct printed image size:	820 x 260 mm	Date and time:	04/11/2014, 15:48

Figure: 7.12d Proposed Varied Development Layout (ES Figure: 7.21d)  
SNH Viewpoint 5: Strath Brora near Balnacoil