

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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- 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 TS	Surface features:	Excluded
DTM resolution:	10m	Earth curvature:	Included

Scale 1:50,000 @ A3

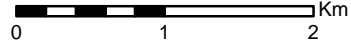
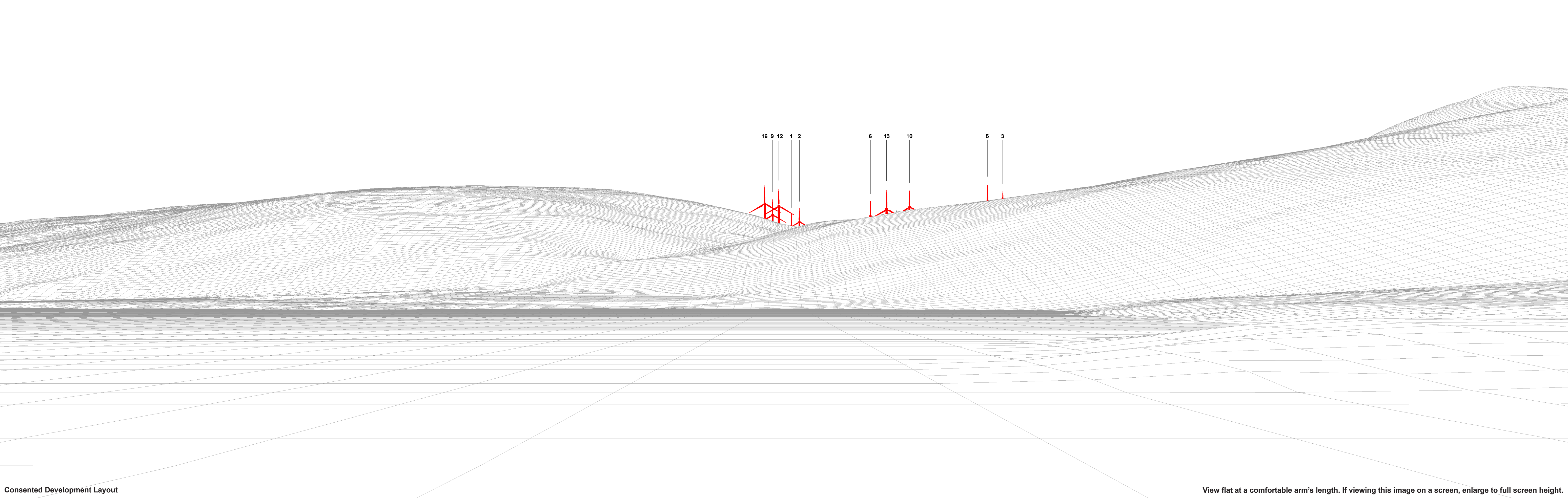


Figure 7.9
SNH Visualisations Viewpoint 2: Loch Brora (south-west side)

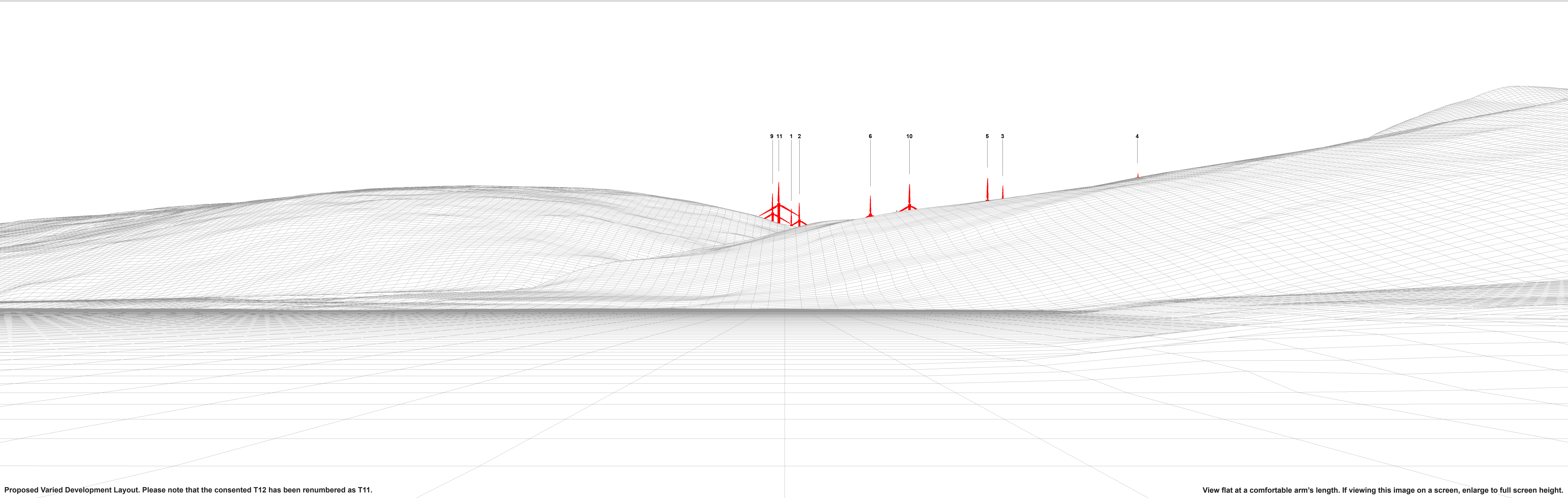


Consented Development Layout

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

OS reference:	284710 E 908389 N	Horizontal field of view:	53.5° (planar projection)
Elevation:	31.5 m AOD	Principal distance	812.5 mm
Direction of view:	0°	Paper size:	841 x 297 mm (half A1)
Nearest turbine:	3.981 km	Correct printed image size:	820 x 260 mm

Figure: 7.9b Consented Development Layout
SNH Viewpoint 2: Loch Brora (south-west side)



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.

OS reference:	284710 E 908389 N	Horizontal field of view:	53.5° (planar projection)
Elevation:	31.5 m AOD	Principal distance	812.5 mm
Direction of view:	0°	Paper size:	841 x 297 mm (half A1)
Nearest turbine:	4.687 km	Correct printed image size:	820 x 260 mm

Figure: 7.9c Proposed Varied Development Layout
SNH Viewpoint 2: Loch Brora (south-west side)

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