

### Viewpoint Parameters

OS reference:	E121 328, N933 034
Ground Level Elevation:	23m AOD
Camera Height:	1.5m AGL
Direction of view to site centre <sup>3</sup> :	90°
Distance to nearest turbine:	13,282m
Number of blade tips theoretically visible <sup>4</sup> :	20
Number of hubs theoretically visible <sup>4</sup> :	0
Date and time of viewpoint photography:	25/11/2018 @ 13:20
Camera:	Nikon D810
Lens:	50mm (Sigma 50mm 1:2.8 DG)

### Information on the limitations of visualisations:

Visualisations of wind farms have a number of limitations which you should be aware of when using them to form a judgement on a wind farm proposal. These include:

- A visualisation can never show exactly what the wind farm will look like in reality due to factors such as: different lighting, weather and seasonal conditions which vary through time and the resolution of the image;
- The images provided give a reasonable impression of the scale of the turbines and the distance to the turbines, but can never be 100% accurate;
- A static image cannot convey turbine movement, or flicker or reflection from the sun on the turbine blades as they move;
- The viewpoints illustrated are representative of views in the area, but cannot represent visibility at all locations;
- To form the best impression of the impacts of the wind farm proposal these images are best viewed at the viewpoint location shown;
- The images must be printed at the right size to be viewed properly (260mm by 820mm);
- You should hold the images flat at a comfortable arm's length. If viewing these images on a wall or board at an exhibition, you should stand at arm's length from the image presented.
- The ZTV presented here takes no account of the screening effects of vegetation or buildings.

### Additional notes:

- This figure has been based on the following parameters:  
Turbine layout file: LSTORNOWAY045.WFL
  - Hub height: 105m/88m
  - Rotor diameter: 150m/136m
  - Height to blade tip: 180m/156m
- Turbine positions could be subject to micro-siting (typically up to 50m).
- Direction given as bearing relative to Grid North (BNG).
- The number of turbine blades and hubs theoretically visible is counted from the wireline in sets of 3 and ignores the screening effects of any intervening objects and forestry.



Stornoway Wind Farm  
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**Figure 6.40a**  
**Viewpoint 17: Standing Stones of**  
**Calanais**

March 2019



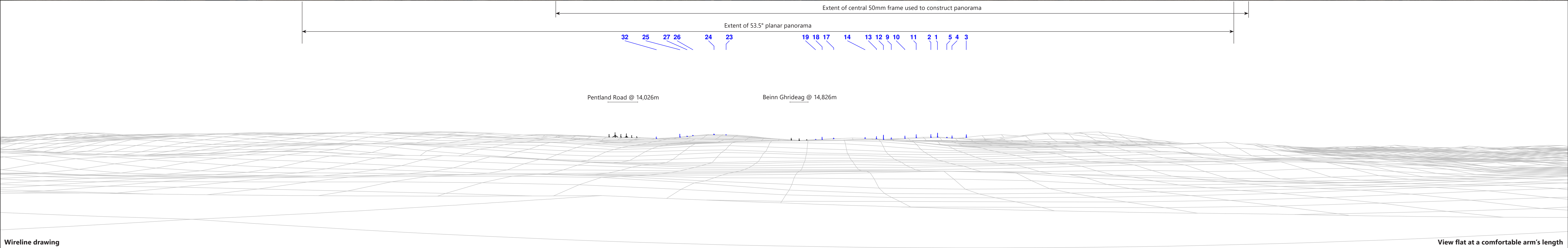
**wood.**





Baseline photograph

This image provides landscape and visual context only



Wireline drawing

View flat at a comfortable arm's length

Wind Farm Key: Stornoway Wind Farm Existing Consented

OS reference:	E121 328, N933 034	Horizontal field of view:	90° (cylindrical projection)	Camera:	Nikon D810
Eye level:	24.5m AOD	Principal distance:	522mm	Lens:	50mm (Sigma 50mm 1:2.8 DG)
Direction of view:	95°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	13,282m	Correct printed image size:	820 x 130mm	Date and time:	25/11/2018 13:20

Client



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Cumhachd Gaoithe

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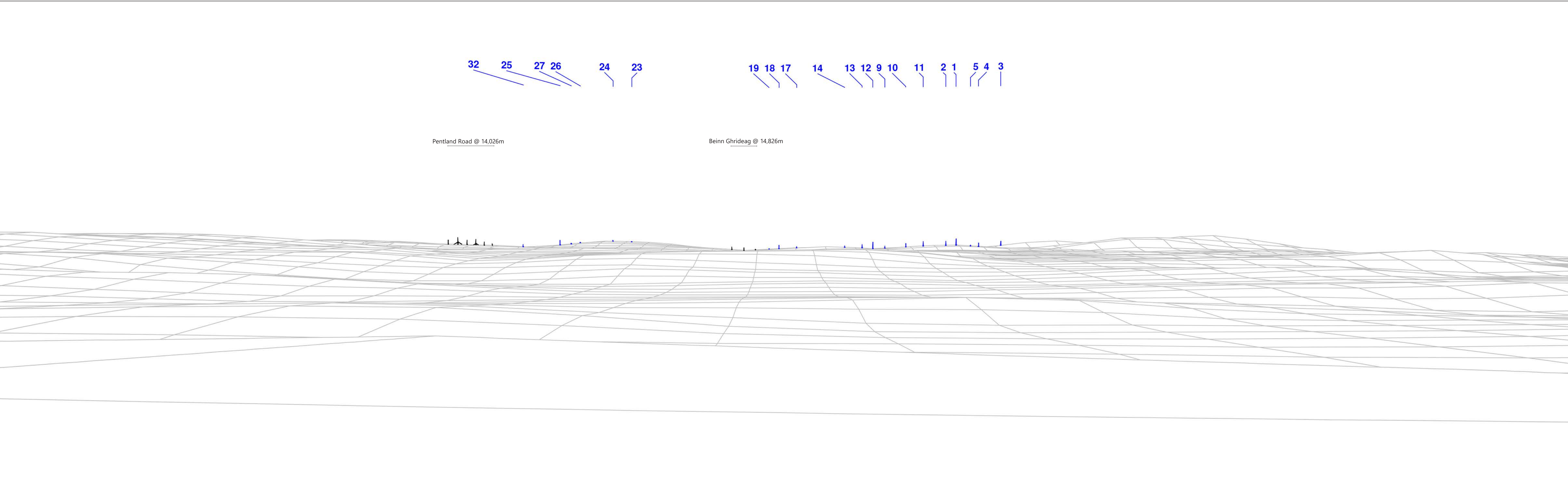
Figure 6.40b  
Viewpoint 17: Standing Stones of Calanais

March 2019





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Photomontage

View flat at a comfortable arm's length

OS reference:	E121 328, N933 034	Horizontal field of view:	53.5° (planar projection)	Camera:	Nikon D810
Eye level:	24.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Sigma 50mm 1:2.8 DG)
Direction of view:	95°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	13,282m	Correct printed image size:	820 x 260mm	Date and time:	25/11/2018 13:20

Client



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**Figure 6.40d**  
**Viewpoint 17: Standing Stones of Calanais**

March 2019

