

Viewpoint Parameters

OS reference:	E135 770, N938 416
Ground Level Elevation:	285m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	162°
Distance to nearest turbine:	3,324m
Number of blade tips theoretically visible ⁴ :	35
Number of hubs theoretically visible ⁴ :	34
Date and time of viewpoint photography:	26/11/2018 @ 14:30
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:

1. 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
2. Turbine positions could be subject to micro-siting (typically up to 50m).
3. Direction given as bearing relative to Grid North (BNG).
4. 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.

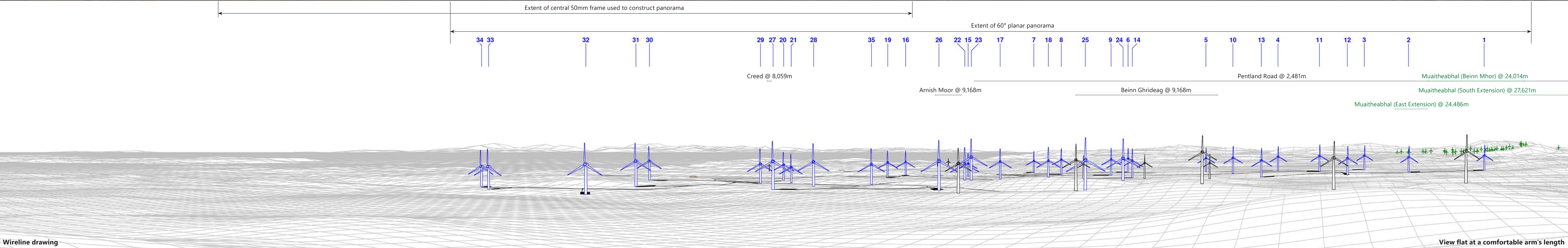


Stornoway Wind Farm
EIA Report




Figure 6.28a
Viewpoint 5: Beinn Mholach

March 2019





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Wind Farm Key:
 Stornoway Wind Farm
 Existing
 Consented

OS reference: E135 770, N938 416
Eye level: 286.5m AOD
Direction of view: 137°
Nearest turbine: 3,324m
Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522mm
Paper size: 841mm x 297mm (half A1)
Correct printed image size: 820 x 130mm
Camera: Nikon D810
Lens: 50mm (Sigma 50mm 1:2.8 DG)
Camera height: 1.5m AGL
Date and time: 26/11/2018 14:30

Client


Stornoway Wind Farm
EIA Report

Figure 6.28b
Viewpoint 5: Beinn Mholach

March 2019




Southwest

Baseline photograph

This image provides landscape and visual context only


Extent of central 50mm frame used to construct panorama

Pentland Road @ 2,481m

Muaitheabhal (South Extension) @ 27,621m

Wireline drawing

View flat at a comfortable arm's length

Wind Farm Key:  Stornoway Wind Farm  Existing  Consented

OS reference:	E135 770, N938 416	Horizontal field of view:	90° (cylindrical projection)	Camera:	Nikon D810
Eye level:	286.5m AOD	Principal distance:	522mm	Lens:	50mm (Sigma 50mm 1:2.8 DG)
Direction of view:	237°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	3,324m	Correct printed image size:	820 x 130mm	Date and time:	26/11/2018 14:30

Client



Lewis Wind Power
Cumhachd Gaoithe

Stornoway Wind Farm
EIA Report

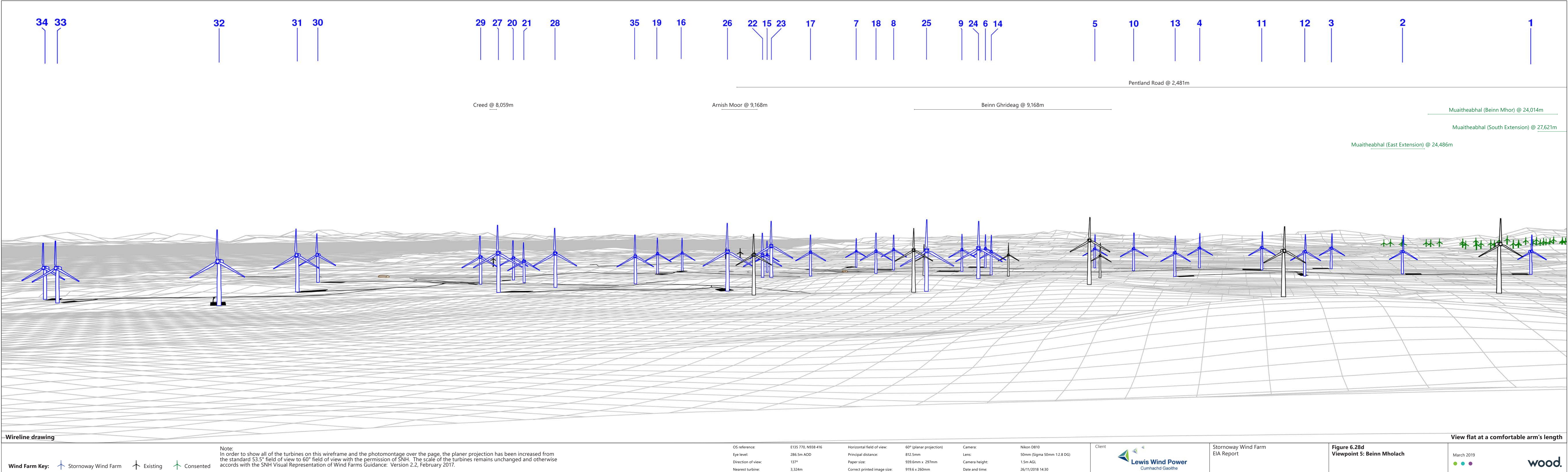
Figure 6.28c
Viewpoint 5: Beinn Mholach

March 2019



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Originator: byrc





View flat at a comfortable arm's length



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Photomontage				View flat at a comfortable arm's length			
<p>Note: Areas of Proposed Plantation Forestry have been illustrated on this photomontage, where visible, and represents the forestry within the 'Planned New Plantings' boundaries as per Figure 9B.3 in the EIA Report</p>				<p>Client  Stornoway Wind Farm EIA Report</p>			
<p>OS reference: E135 770, N938 416 Eye level: 286.5m AOD Direction of view: 137° Nearest turbine: 3,324m</p>				<p>Horizontal field of view: 90° (cylindrical projection) Principal distance: 522mm Paper size: 841mm x 297mm (half A1) Correct printed image size: 820 x 260mm</p>			
<p>Camera: Nikon D810 Lens: 50mm (Sigma 50mm 1:2.8 DG) Camera height: 1.5m AGL Date and time: 26/11/2018 14:30</p>				<p>Figure 6.28f Viewpoint 5: Beinn Mholach</p>			
				<p>March 2019 </p>			