

Wireline drawing

Please note quarry is visible in foreground but is not captured in Ordnance Survey digital terrain data.

Wind Farm Key: Enoch Existing Consented Application

OS reference:	E263 390, N624 657	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 5D Mk2
Eye level:	226.5m AOD	Principal distance:	522mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	199°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	17,466m	Correct printed image size:	820 x 130mm	Date and time:	11/06/2014 10:30

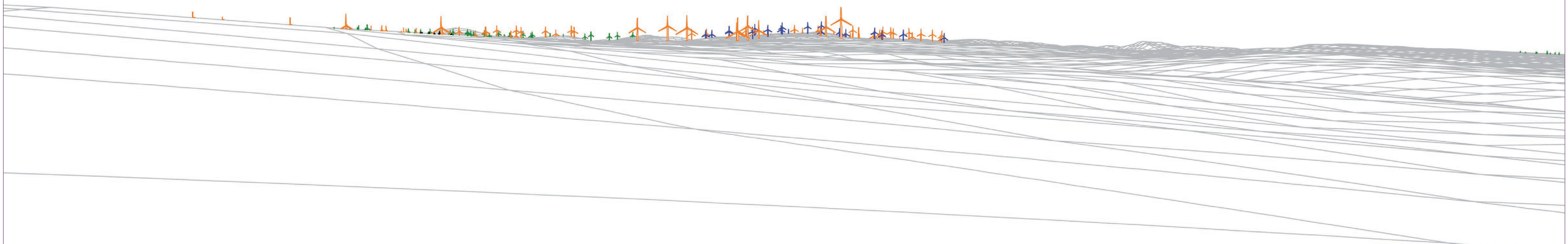
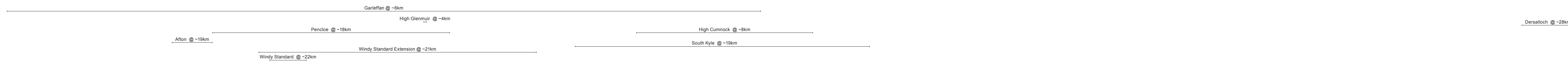
Enoch Hill Wind Farm
Environmental Statement



Figure 9.42b
Viewpoint 16: A70 North East of Cumnock

May 2015

18 15 12 13 14 10 11 7 9 19 6 8 4 17 5 3 2 1 16



Wireline drawing
Please note quarry is visible in foreground but is not captured in Ordnance Survey digital terrain data.

Please note quarry is visible in foreground but is not captured in Ordnance Survey digital terrain data.

View flat at a comfortable arm's length

Wind Farm Key: Enoch Existing Consented Application

OS reference:	E263 390, N624 657	Horizontal field of view:	53.5° (planar projection)	Camera:	Canon EOS 5D Mk2
Eye level:	226.5m AOD	Principal distance:	812.5mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	199°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	17,466m	Correct printed image size:	820 x 260mm	Date and time:	11/06/2014 10:30

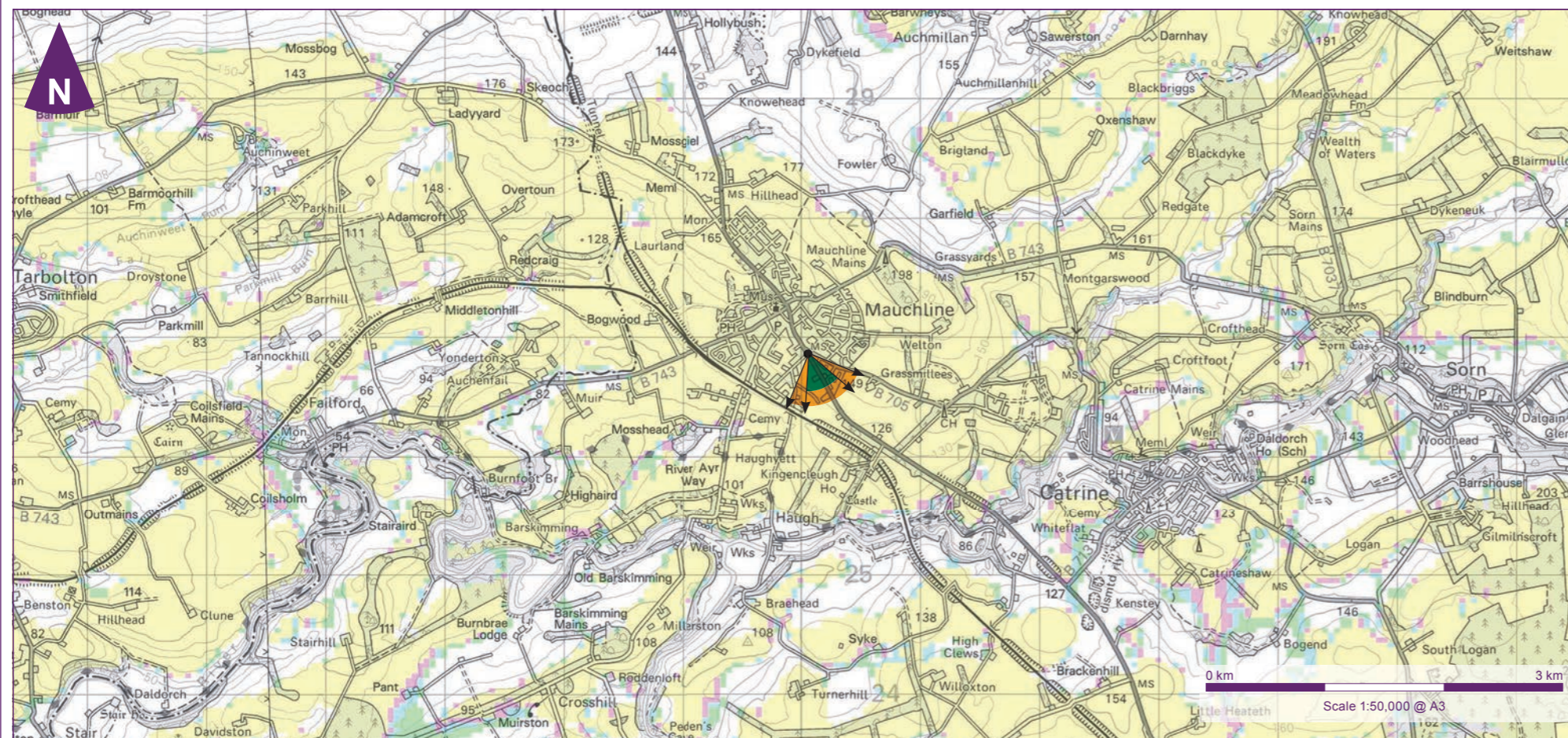
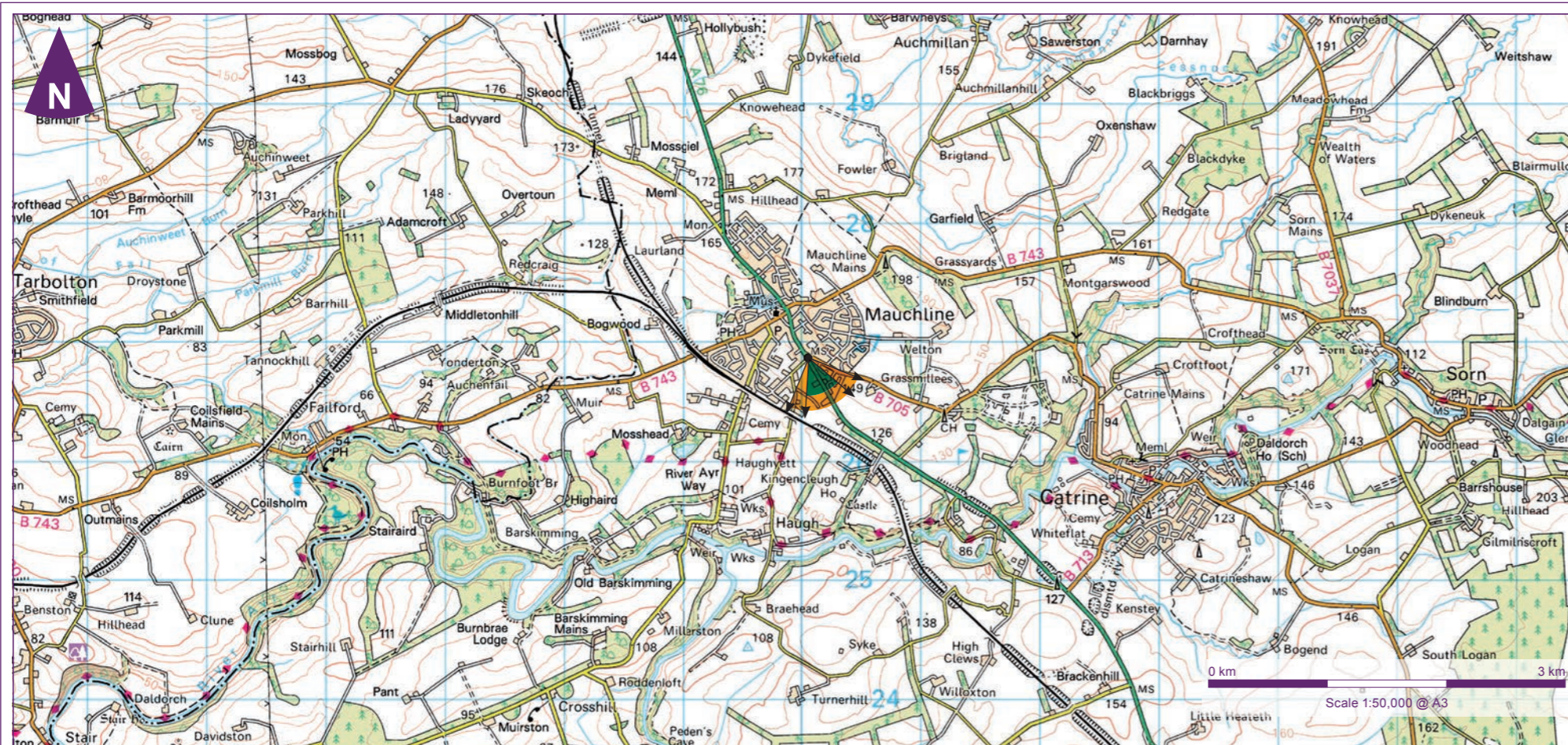
Enoch Hill Wind Farm
Environmental Statement



Figure 9.42c
Viewpoint 16: A70 North East of Cumnock

May 2015

32965-GLA291.indd burtt



Key

	90° horizontal field of view		1 - 4 blade tips may be visible		10 - 14 blade tips may be visible
	53.5° horizontal field of view		5 - 9 blade tips may be visible		15 - 19 blade tips may be visible

Viewpoint Parameters

OS reference:	E250 054, N626 861
Ground Level Elevation:	143m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	157°
Distance to nearest turbine:	19,383m
Number of blade tips theoretically visible ⁴ :	19
Number of hubs theoretically visible ⁴ :	18
Date and time of viewpoint photography:	26/08/2014 @ 11:15
Camera:	Canon EOS 5D Mk2
Lens:	50mm (Canon EF 50mm f/1.8)

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: LENOCH018.WFL

Hub height: 80m • Rotor diameter: 100m • Height to blade tip: 130m
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 wireframe in sets of 3 and ignores the screening effects of any intervening objects and forestry.

Enoch Hill Wind Farm
Environmental Statement

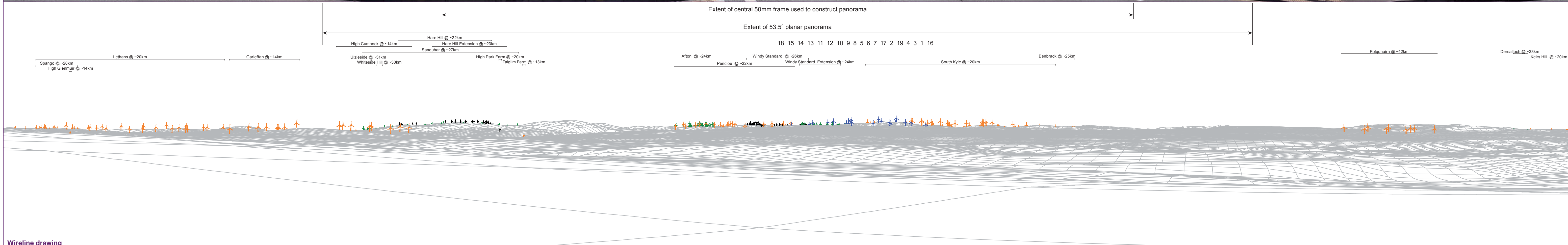


Figure 9.43a
Viewpoint 17: A76 Mauchline



Baseline photograph

This image provides landscape and visual context only



Wireline drawing

Wind Farm Key: Enoch Existing Consented Application

OS reference:	E250 054, N626 861	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 5D Mk2
Eye level:	144.5m AOD	Principal distance:	522mm	Lens:	50mm (Canon EF 50mm f/1.8)
Direction of view:	157°	Paper size:	841mm x 297mm (half A1)	Camera height:	1.5m AGL
Nearest turbine:	19,383m	Correct printed image size:	820 x 130mm	Date and time:	26/08/2014 11:15

Enoch Hill Wind Farm
Environmental Statement



Figure 9.43b
Viewpoint 17: A76 Mauchline

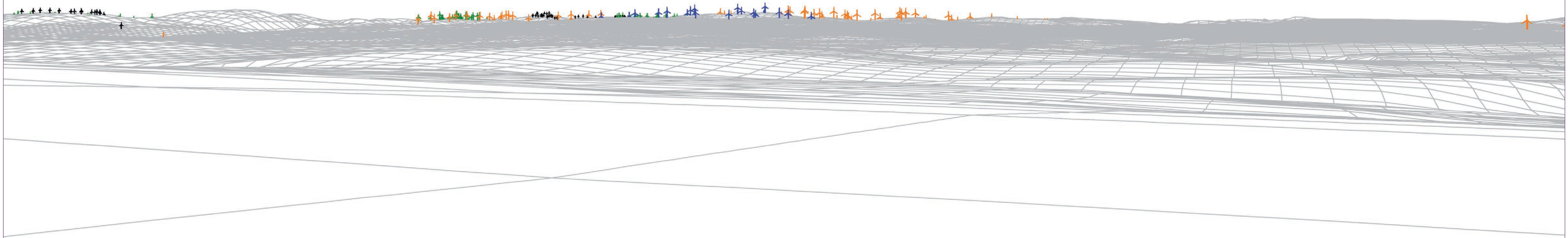
May 2015

18 15 14 13 11 12 10 9 8 5 6 7 17 2 19 4 3 1 16

Hare Hill @ ~22km
Hare Hill Extension @ ~23km
Sanquhar @ ~27km
High Park Farm @ ~20km
Taigilm Farm @ ~13km

Afton @ ~24km
Pencloe @ ~22km
Windy Standard @ ~26km
Windy Standard Extension @ ~24km
South Kyle @ ~20km
Benbrack @ ~25km

Polquhain @ ~12km



Wireline drawing

View flat at a comfortable arm's length

Wind Farm Key: Enoch Existing Consented Application

OS reference: E250 054, N626 861
Eye level: 144.5m AOD
Direction of view: 157°
Nearest turbine: 19,383m

Horizontal field of view: 53.5° (planar projection)
Principal distance: 812.5mm
Paper size: 841mm x 297mm (half A1)
Correct printed image size: 820 x 260mm

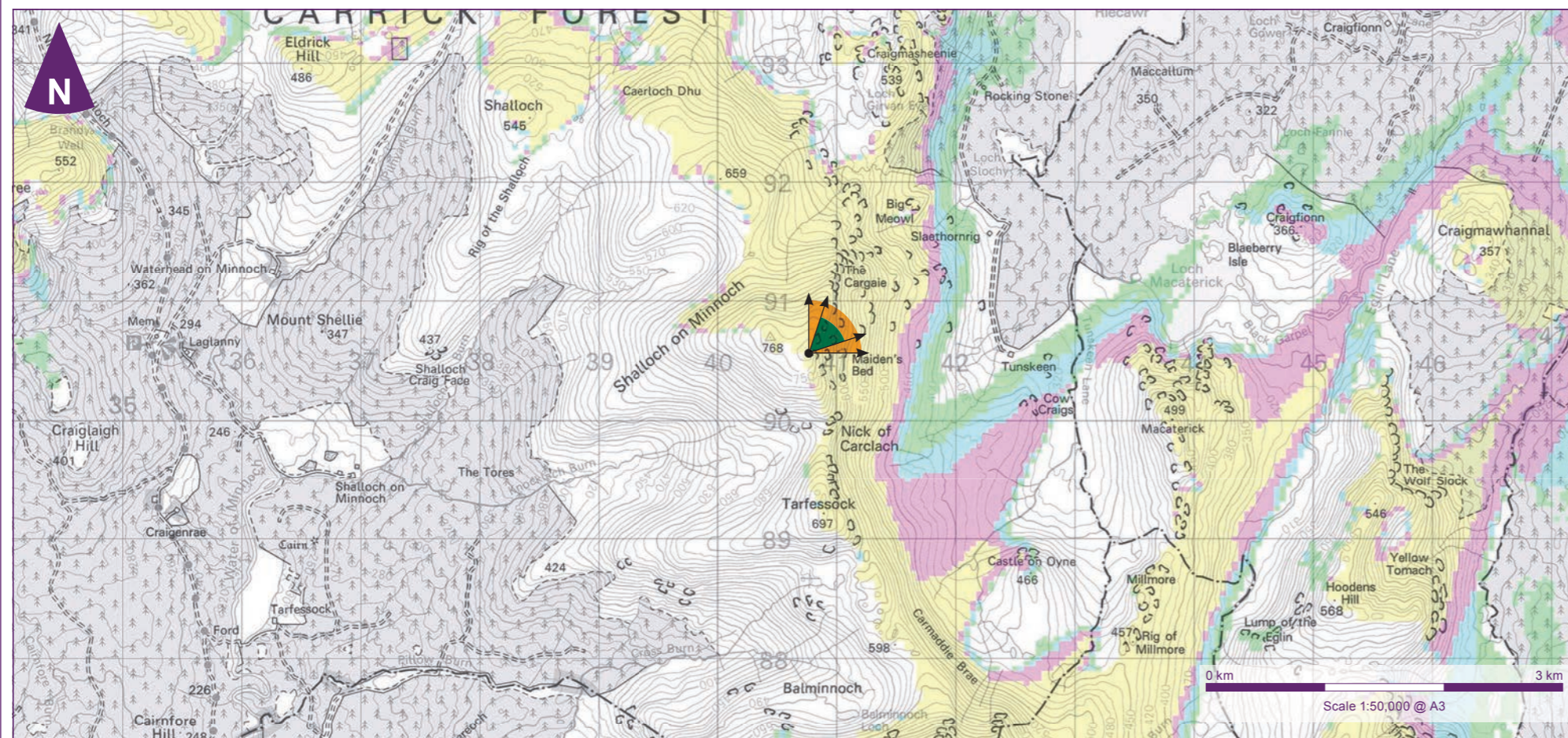
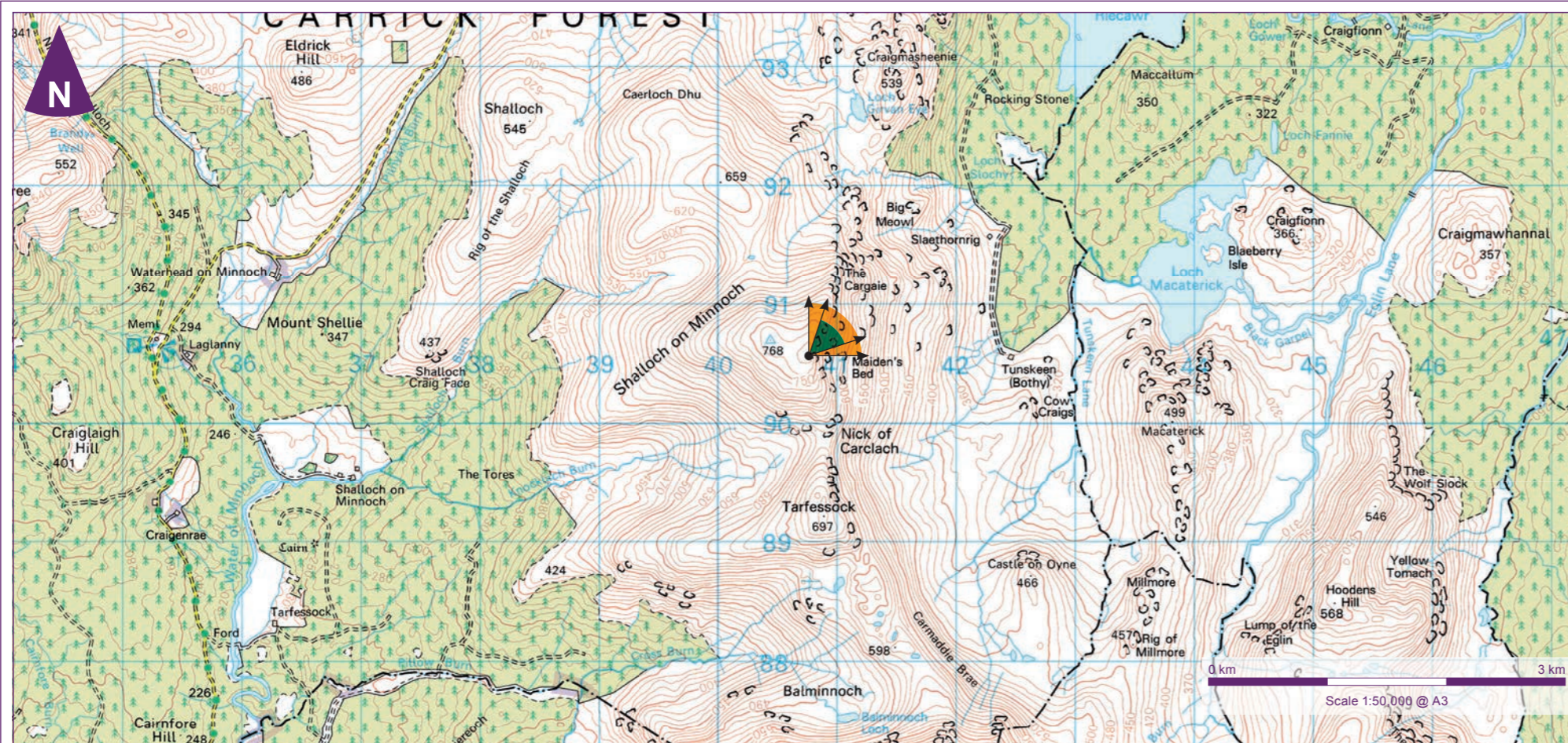
Camera: Canon EOS 5D Mk2
Lens: 50mm (Canon EF 50mm f/1.8)
Camera height: 1.5m AGL
Date and time: 26/08/2014 11:15

Enoch Hill Wind Farm
Environmental Statement



Figure 9.43c
Viewpoint 17: A76 Mauchline

May 2015



Key					
	90° horizontal field of view		1 - 4 blade tips may be visible		10 - 14 blade tips may be visible
	53.5° horizontal field of view		5 - 9 blade tips may be visible		15 - 19 blade tips may be visible

Viewpoint Parameters

OS reference:	E240 764, N590 557
Ground Level Elevation:	775m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	45°
Distance to nearest turbine:	22,117m
Number of blade tips theoretically visible ⁴ :	19
Number of hubs theoretically visible ⁴ :	17
Date and time of viewpoint photography:	17/07/2014 @ 19:00
Camera:	Canon EOS 5D Mk2
Lens:	50mm (Canon EF 50mm f/1.8)

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3. Direction given as bearing relative to Grid North (BNG).

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Enoch Hill Wind Farm
Environmental Statement

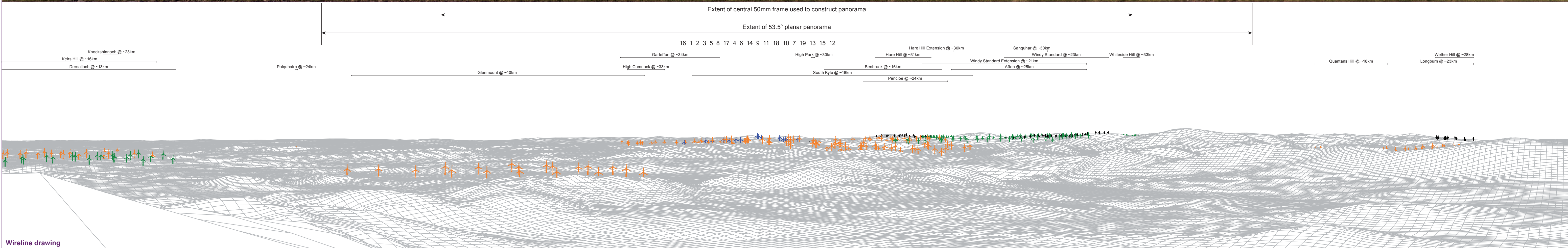


Figure 9.44a
Viewpoint 18: Shalloch on Minnoch

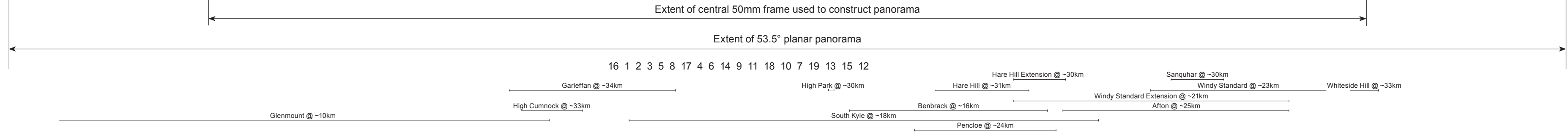


Baseline photograph

This image provides landscape and visual context only



Wireline drawing



Wind Farm Key: Enoch Existing Consented Application

OS reference: E240 764, N590 557
Eye level: 776.5m AOD
Direction of view: 45°
Nearest turbine: 22,117m

Horizontal field of view: 90° (cylindrical projection)
Principal distance: 522mm
Paper size: 841mm x 297mm (half A1)
Correct printed image size: 820 x 130mm

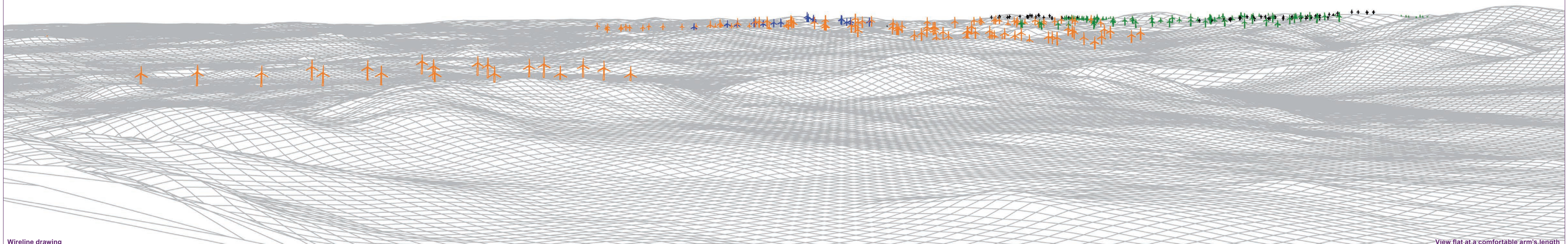
Camera: Canon EOS 5D Mk2
Lens: 50mm (Canon EF 50mm f/1.8)
Camera height: 1.5m AGL
Date and time: 17/07/2014 19:00

Enoch Hill Wind Farm
Environmental Statement



Figure 9.44b
Viewpoint 18: Shalloch on Minnoch

May 2015



Wireline drawing

View flat at a comfortable arm's length

Wind Farm Key: Enoch Existing Consented Application

OS reference: E240 764, N590 557
 Eye level: 776.5m AOD
 Direction of view: 45°
 Nearest turbine: 22,117m

Horizontal field of view: 53.5° (planar projection)
 Principal distance: 812.5mm
 Paper size: 841mm x 297mm (half A1)
 Correct printed image size: 820 x 260mm

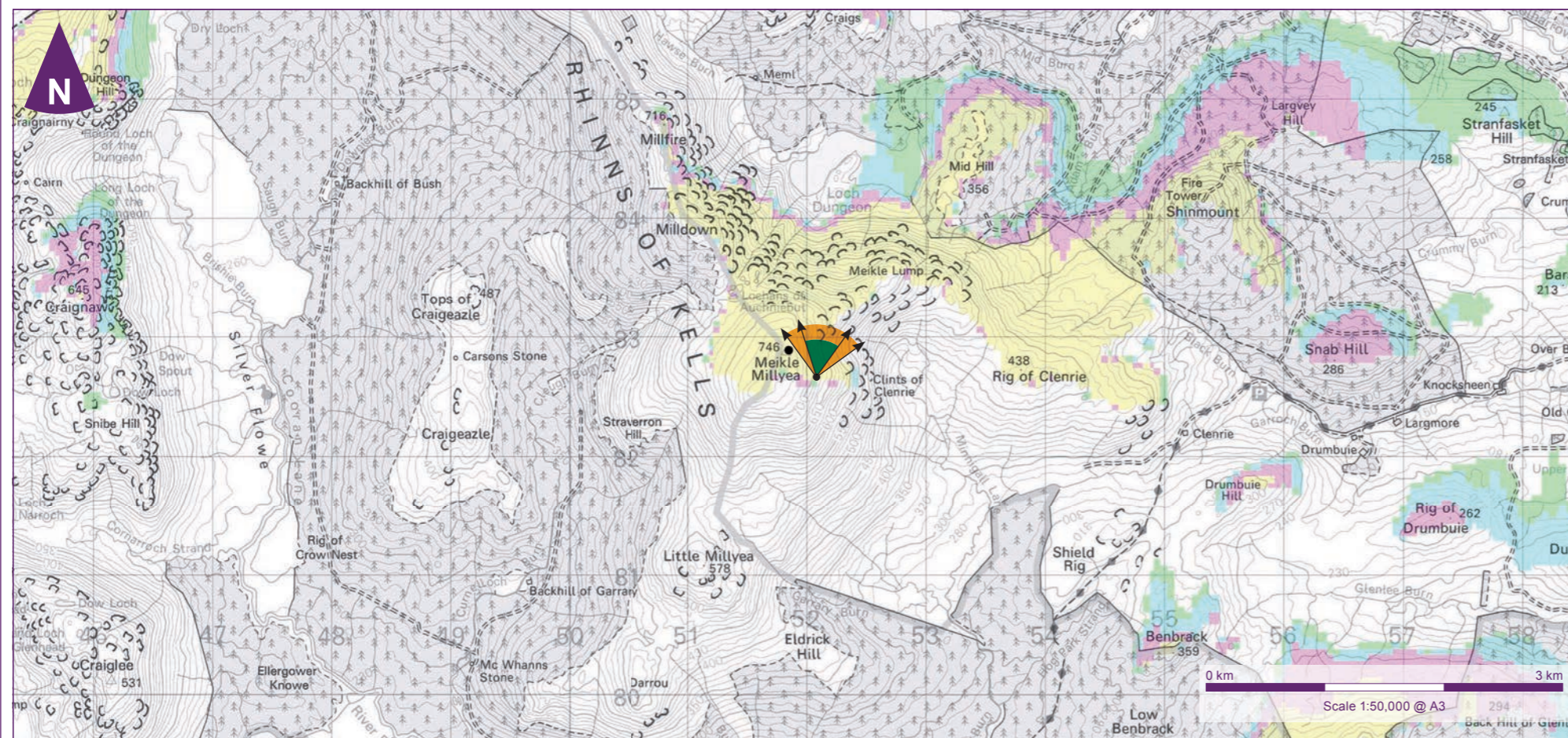
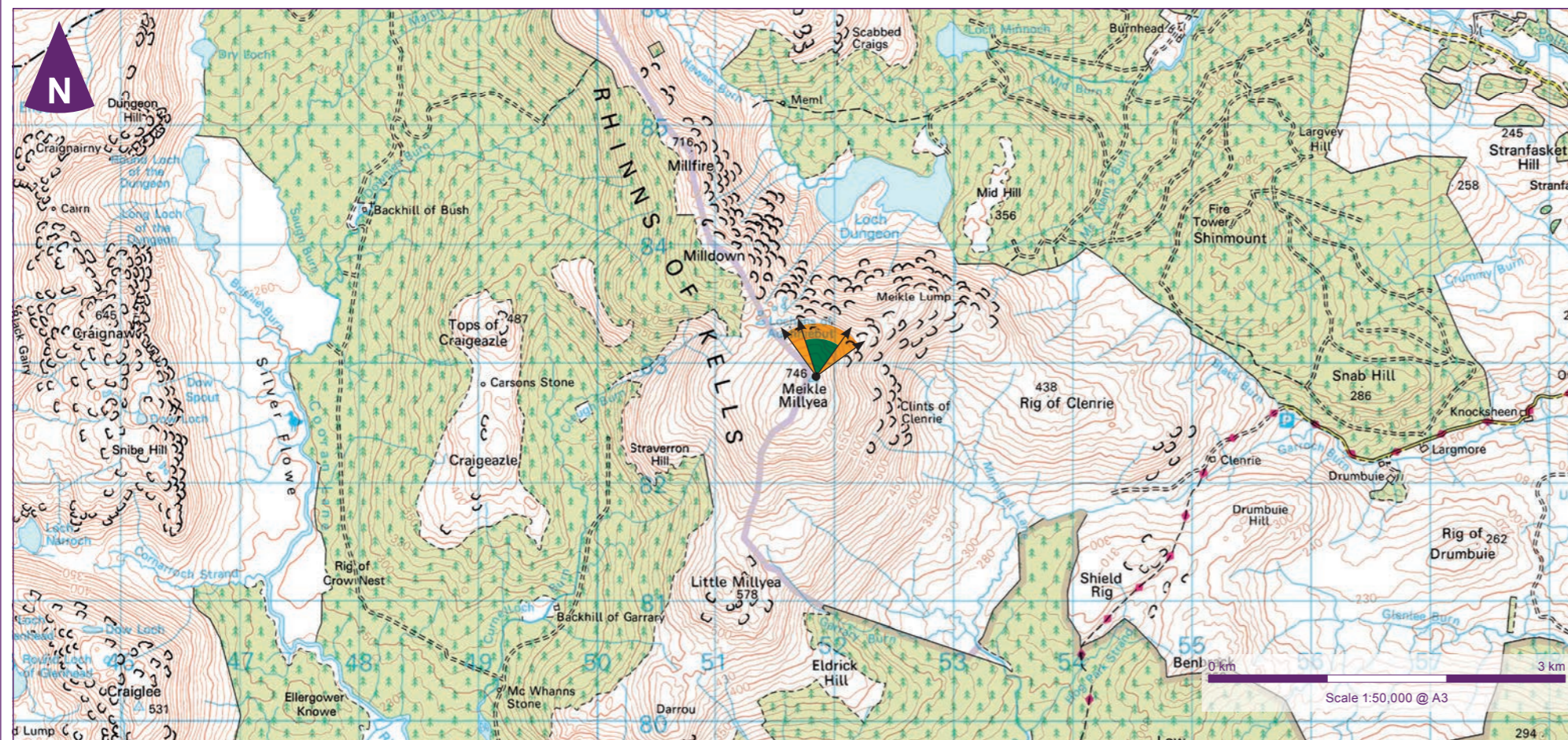
Camera: Canon EOS 5D Mk2
 Lens: 50mm (Canon EF 50mm f/1.8)
 Camera height: 1.5m AGL
 Date and time: 17/07/2014 19:00

Enoch Hill Wind Farm
 Environmental Statement



Figure 9.44c
 Viewpoint 18: Shalloch on Minnoch

May 2015



Key

- | | | | | | |
|--|--------------------------------|--|---------------------------------|--|-----------------------------------|
| | 90° horizontal field of view | | 1 - 4 blade tips may be visible | | 10 - 14 blade tips may be visible |
| | 53.5° horizontal field of view | | 5 - 9 blade tips may be visible | | 15 - 19 blade tips may be visible |

Viewpoint Parameters

OS reference:	E251 845, N582 880
Ground Level Elevation:	787m AOD
Camera Height:	1.5m AGL
Direction of view to site centre ³ :	9°
Distance to nearest turbine:	23,760m
Number of blade tips theoretically visible ⁴ :	19
Number of hubs theoretically visible ⁴ :	18
Date and time of viewpoint photography:	13/08/2013 @ 16:00
Camera:	Canon EOS 5D Mk2
Lens:	50mm (Canon EF 50mm f/1.8)

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Enoch Hill Wind Farm
Environmental Statement



Figure 9.45a
Viewpoint 19: Meikle Millyea