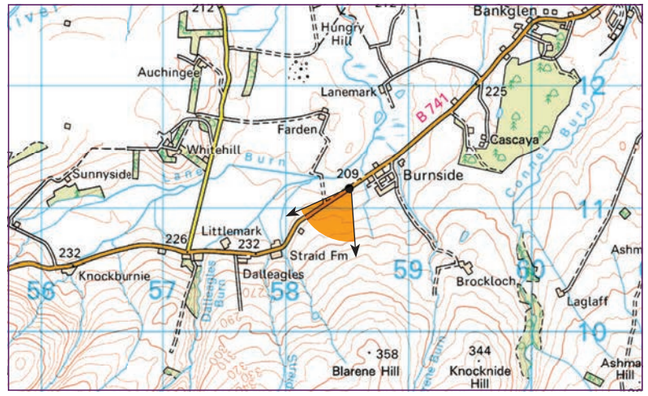
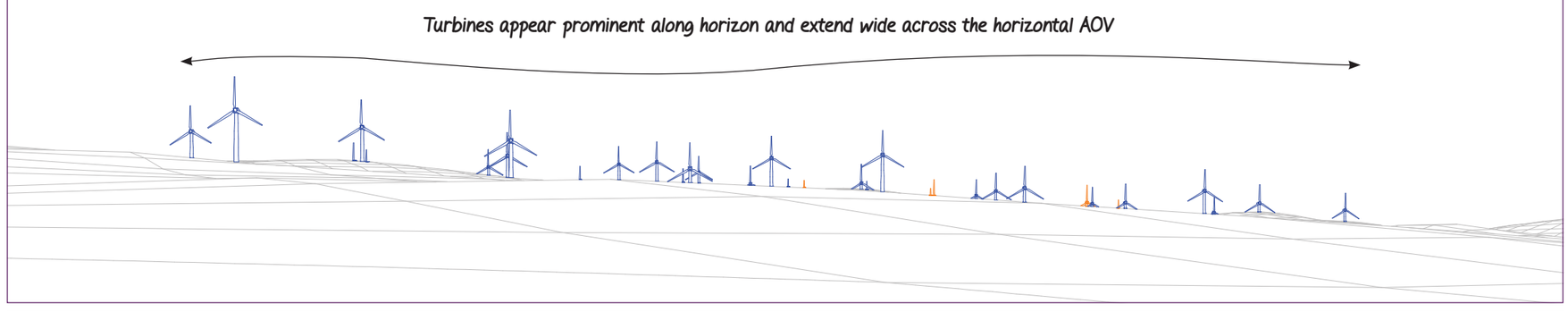
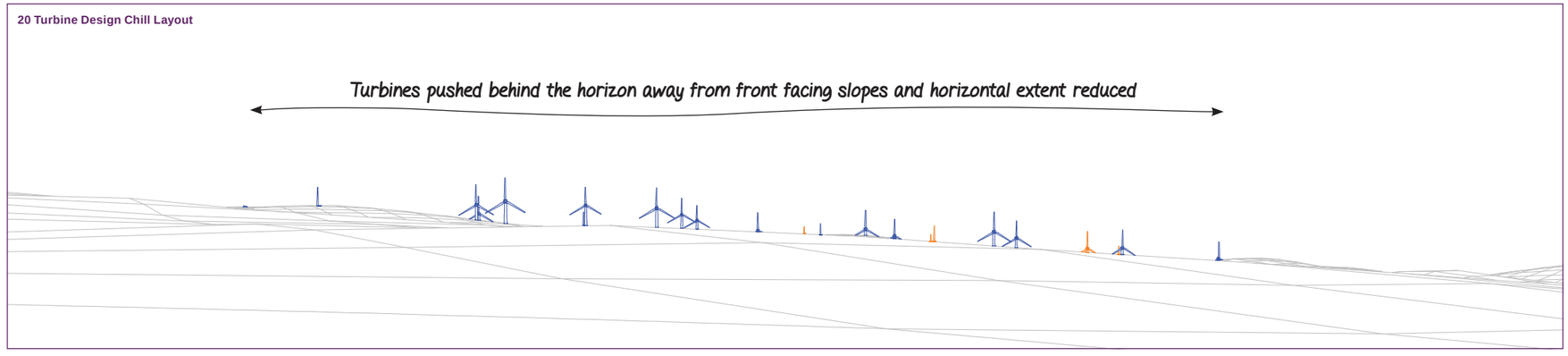
Baseline photograph



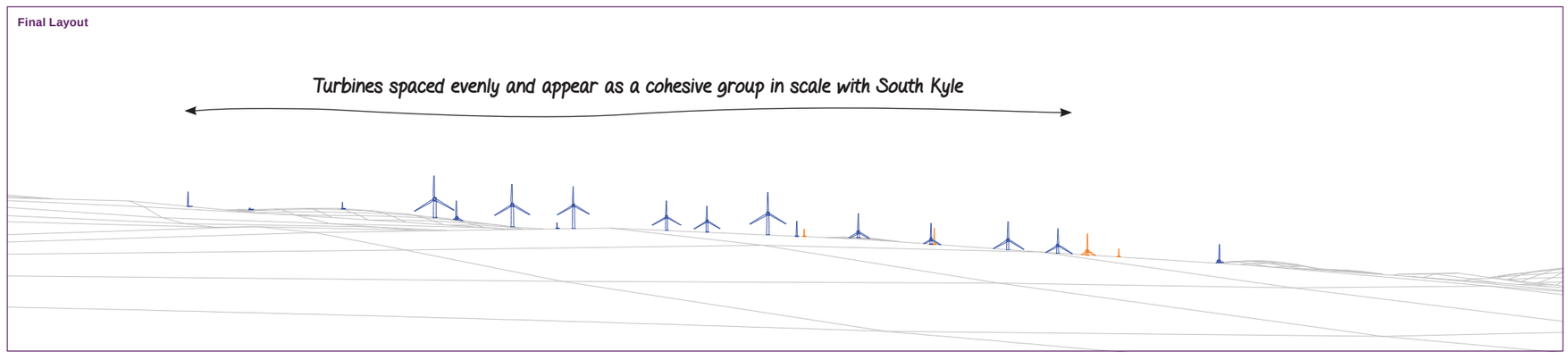
40 Turbine Layout Presented to Community Liaison Group



20 Turbine Design Chill Layout



Final Layout



Viewpoint Parameters

OS reference:	E258 517, N611 154
Ground Level Elevation:	209m AOD
Direction of view to site centre[4]:	211°
Angle of View	75°

40 Turbine Layout Presented to Community Liaison Group Parameters

Number of blade tips theoretically visible[5]:	32
Number of hubs theoretically visible[5]:	24
Nearest Turbine:	2,207m

20 Turbine Design Chill Parameters

Number of blade tips theoretically visible[5]:	19
Number of hubs theoretically visible[5]:	14
Nearest Turbine:	3,153m

Final Layout Parameters

Number of blade tips theoretically visible[5]:	17
Number of hubs theoretically visible[5]:	12
Nearest Turbine:	3,167m

Selected Cumulative Windfarms

- Proposed Enoch Hill Turbines
- South Kyle Windfarm

Notes:

1. Not to SNH visualisation guidance. Please see figure 9.28
2. This figure has been based on the following parameters:
   Turbine layout file: LENOCH005/006/018.WFL
   Hub height: 80m • Rotor diameter: 100m • Height to blade tip: 130m
3. Turbine positions could be subject to micro-siting (typically up to 50m).
4. Direction given as bearing relative to Grid North (BNG).
5. 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.

Design evolution figure for illustrative purposes only - not to be used for assessment

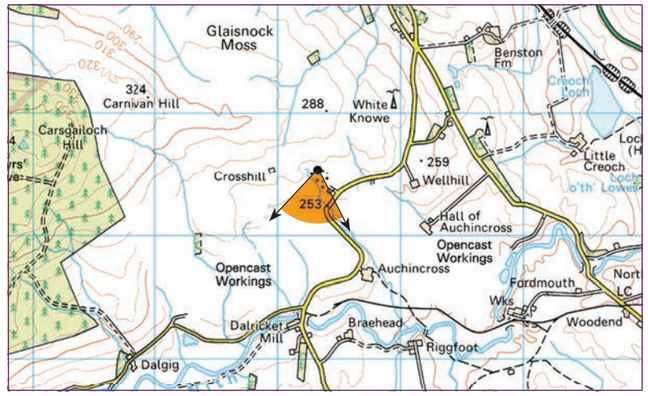
amec foster wheeler

Figure 9.26a
Viewpoint 2: B741 South West of New Cumnock

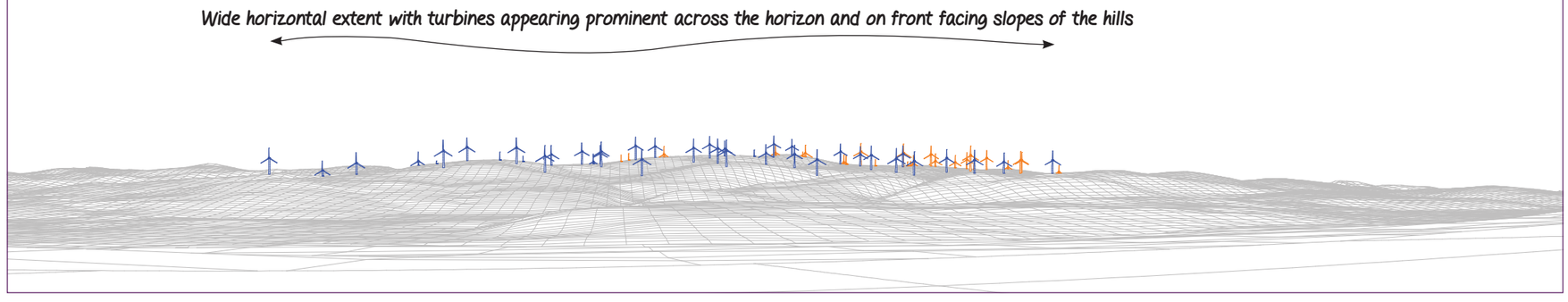
June 2015

32965-GLA343.indd loves

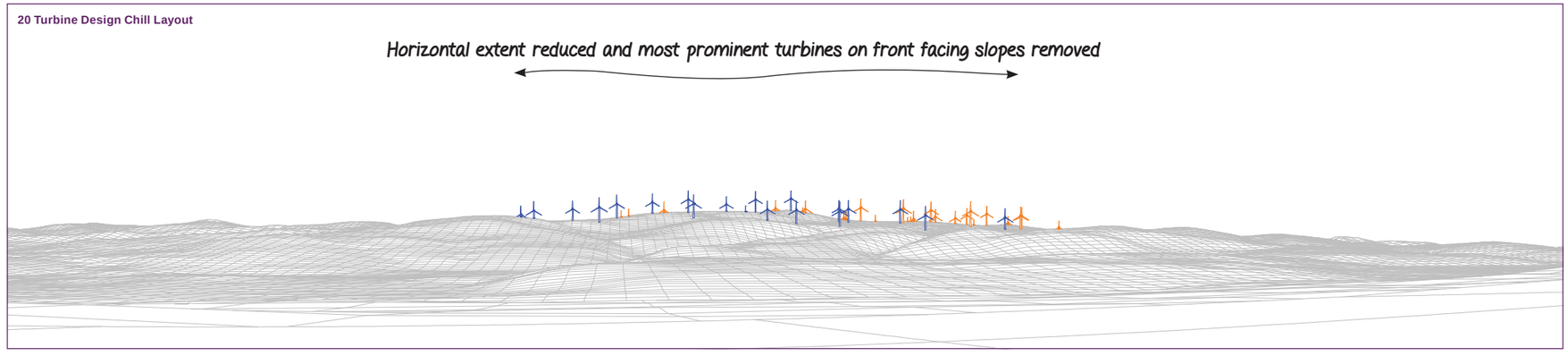
Baseline photograph



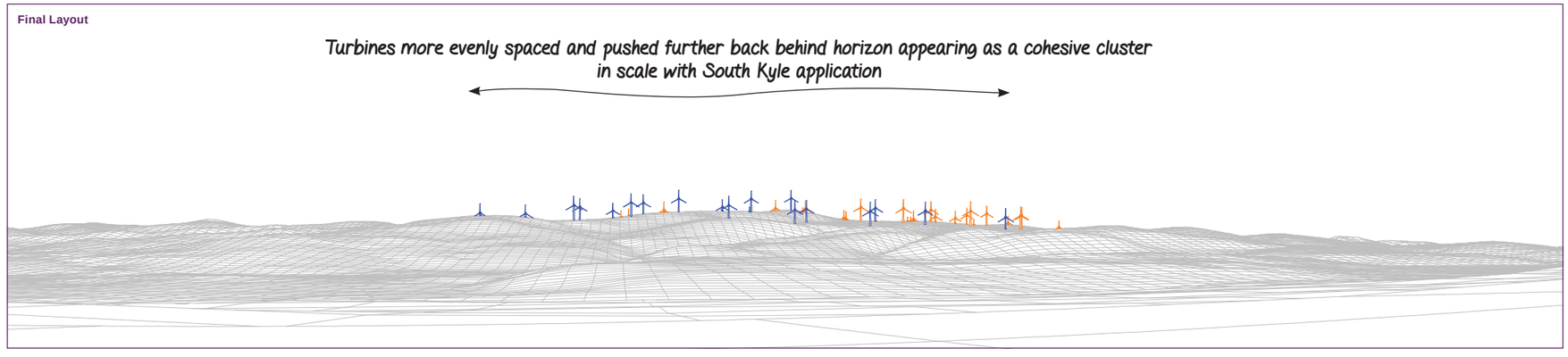
40 Turbine Layout Presented to Community Liaison Group



20 Turbine Design Chill Layout



Final Layout



Viewpoint Parameters

OS reference:	E257 327, N614 519
Ground Level Elevation:	267m AOD
Direction of view to site centre[4]:	188°
Angle of View	75°

40 Turbine Layout Presented to Community Liaison Group Parameters

Number of blade tips theoretically visible[5]:	40
Number of hubs theoretically visible[5]:	36
Nearest Turbine:	5,601m

20 Turbine Design Chill Parameters

Number of blade tips theoretically visible[5]:	20
Number of hubs theoretically visible[5]:	19
Nearest Turbine:	6,324m

Final Layout Parameters

Number of blade tips theoretically visible[5]:	19
Number of hubs theoretically visible[5]:	18
Nearest Turbine:	6,398m

Selected Cumulative Windfarms

- Proposed Enoch Hill Turbines
- South Kyle Windfarm

Notes:

1. Not to SNH visualisation guidance. Please see figure 9.31
2. This figure has been based on the following parameters:
   Turbine layout file: LENOCH005/006/018.WFL
   Hub height: 80m • Rotor diameter: 100m • Height to blade tip: 130m
3. Turbine positions could be subject to micro-siting (typically up to 50m).
4. Direction given as bearing relative to Grid North (BNG).
5. 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.

Design evolution figure for illustrative purposes only - not to be used for assessment

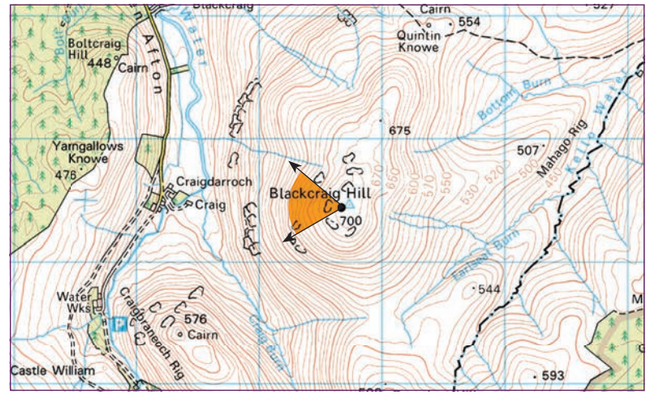
amec foster wheeler

Figure 9.26b
Viewpoint 5: Highpoint north of site near Auchinross

June 2015

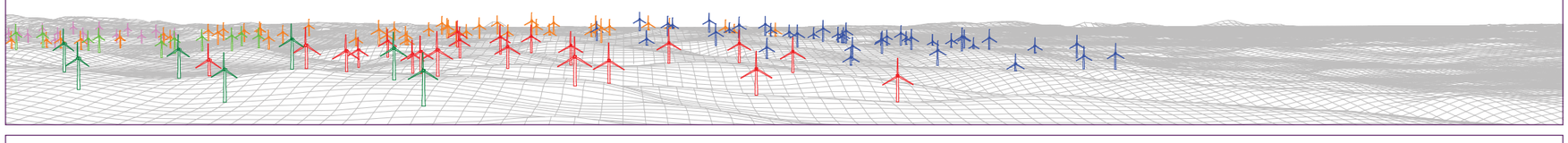
32965-GLA343.indd loves

Baseline photograph



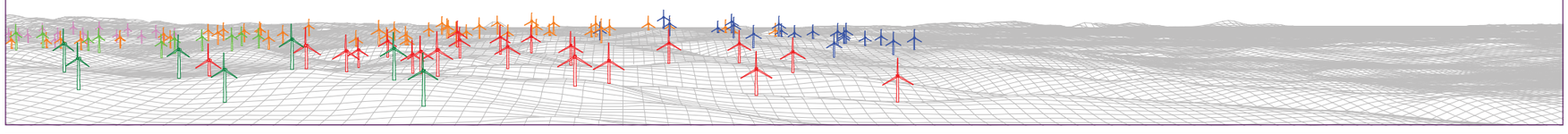
40 Turbine Layout Presented to Community Liaison Group

Horizontal extent stretched beyond the spread of the cumulative wind farm development with same prominent turbines in foreground



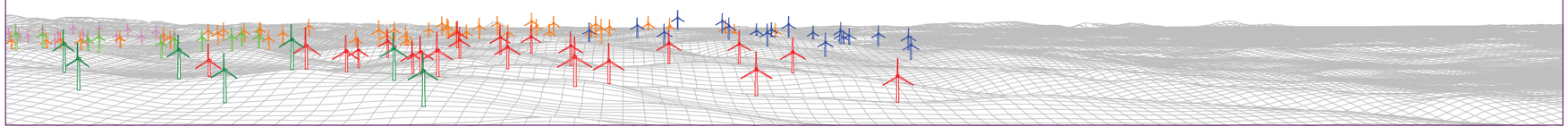
20 Turbine Design Chill Layout

Horizontal extent reduced and turbines appear at a smaller scale to wind farm applications



Final Layout

Stretching reduced and turbines appear a simpler more compact group



Viewpoint Parameters

OS reference:	E264 669, N606 435
Ground Level Elevation:	694m AOD
Direction of view to site centre[4]:	275º
Angle of View	75º

40 Turbine Layout Presented to Community Liaison Group Parameters

Number of blade tips theoretically visible[5]:	40
Number of hubs theoretically visible[5]:	40
Nearest Turbine:	6,088m

20 Turbine Design Chill Parameters

Number of blade tips theoretically visible[5]:	20
Number of hubs theoretically visible[5]:	20
Nearest Turbine:	6,879m

Final Layout Parameters

Number of blade tips theoretically visible[5]:	19
Number of hubs theoretically visible[5]:	19
Nearest Turbine:	6,771m

Selected Cumulative Windfarms

- Proposed Enoch Hill Turbines
- Windy Standard Extension
- South Kyle Windfarm
- Afton Windfarm
- Pencloe Windfarm
- Benbrack Windfarm

Notes:

1. Not to SNH visualisation guidance. Please see figure 9.32
2. This figure has been based on the following parameters:
   Turbine layout file: LENOCH005/006/018.WFL
   Hub height: 80m • Rotor diameter: 100m • Height to blade tip: 130m
3. Turbine positions could be subject to micro-siting (typically up to 50m).
4. Direction given as bearing relative to Grid North (BNG).
5. 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.

Design evolution figure for illustrative purposes only - not to be used for assessment

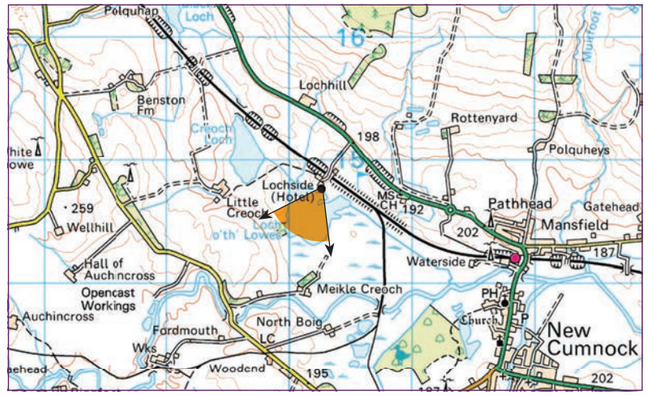
amec foster wheeler

Figure 9.26c
Viewpoint 6: Blackcraig Hill south of New Cumnock

June 2015

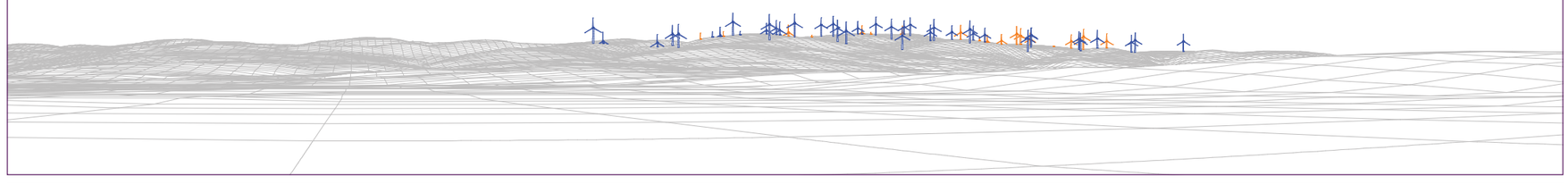
32965-GLA343.indd loves

Baseline photograph



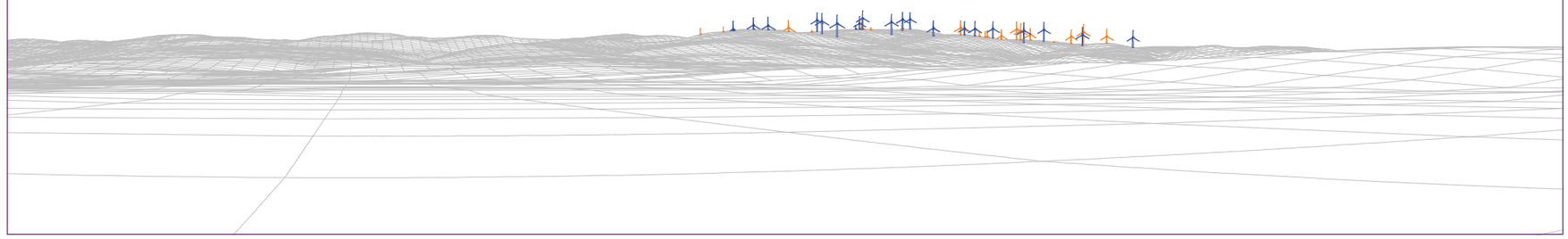
40 Turbine Layout Presented to Community Liaison Group

Wide horizontal spread accross horizon with prominent turbines on front facing slopes of hills



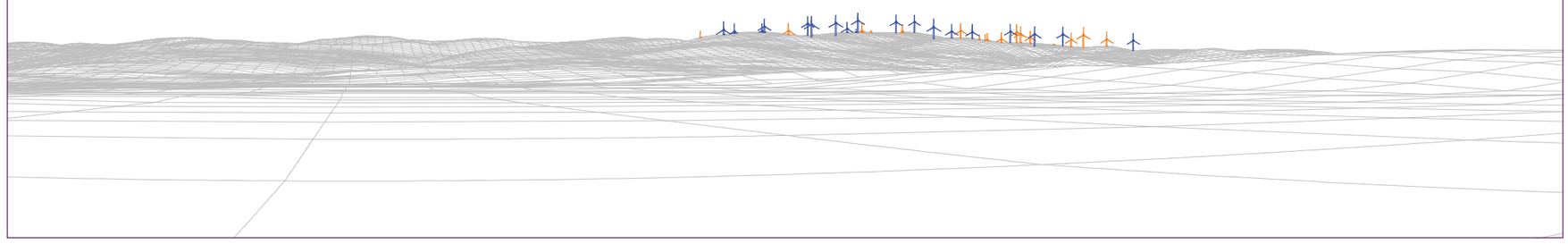
20 Turbine Design Chill Layout

Removed horizontal spread with turbines "pushed back" behind the horizon to reduce their prominence



Final Layout

More turbines pushed back behind the horizon, turbines appear in scale with the adjacent South Kyle application



Viewpoint Parameters

OS reference:	E260 263, N614 753
Ground Level Elevation:	189m AOD
Direction of view to site centre[4]:	208°
Angle of View	75°

40 Turbine Layout Presented to Community Liaison Group Parameters

Number of blade tips theoretically visible[5]:	40
Number of hubs theoretically visible[5]:	37
Nearest Turbine:	6,041m

20 Turbine Design Chill Parameters

Number of blade tips theoretically visible[5]:	20
Number of hubs theoretically visible[5]:	19
Nearest Turbine:	7,145m

Final Layout Parameters

Number of blade tips theoretically visible[5]:	19
Number of hubs theoretically visible[5]:	18
Nearest Turbine:	7,080m

Selected Cumulative Windfarms

- Proposed Enoch Hill Turbines
- South Kyle Windfarm

Notes:

1. Not to SNH visualisation guidance. Please see figure 9.33
2. This figure has been based on the following parameters:
   Turbine layout file: LENOCH005/006/018.WFL
   Hub height: 80m • Rotor diameter: 100m • Height to blade tip: 130m
3. Turbine positions could be subject to micro-siting (typically up to 50m).
4. Direction given as bearing relative to Grid North (BNG).
5. 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.

Design evolution figure for illustrative purposes only - not to be used for assessment

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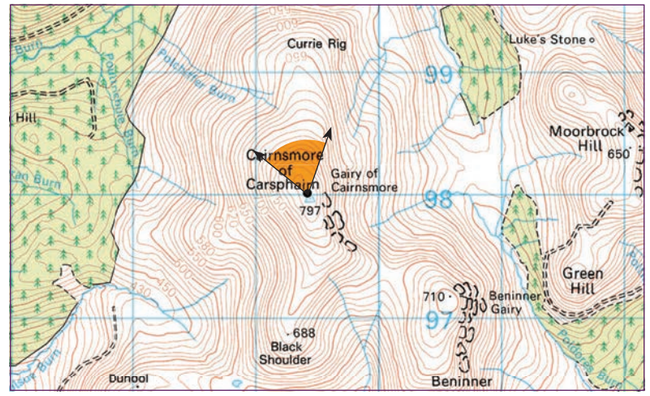
Figure 9.26d
Viewpoint 7: Lochside Hotel

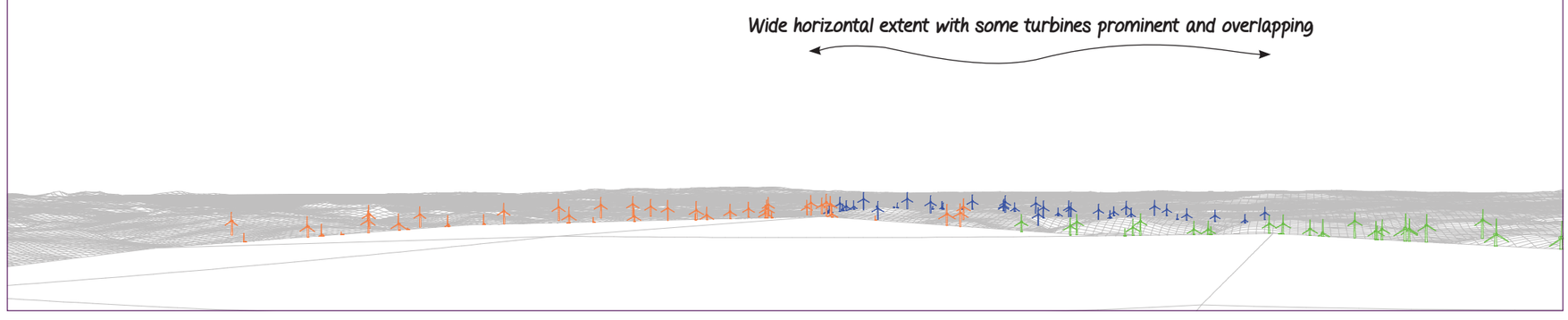
June 2015

32965-GLA343.indd loves

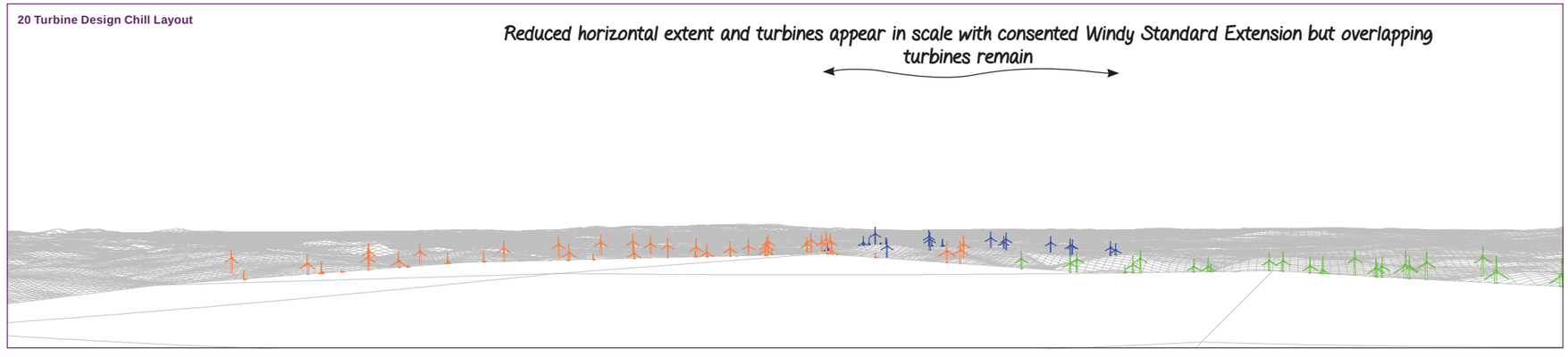
Baseline photograph



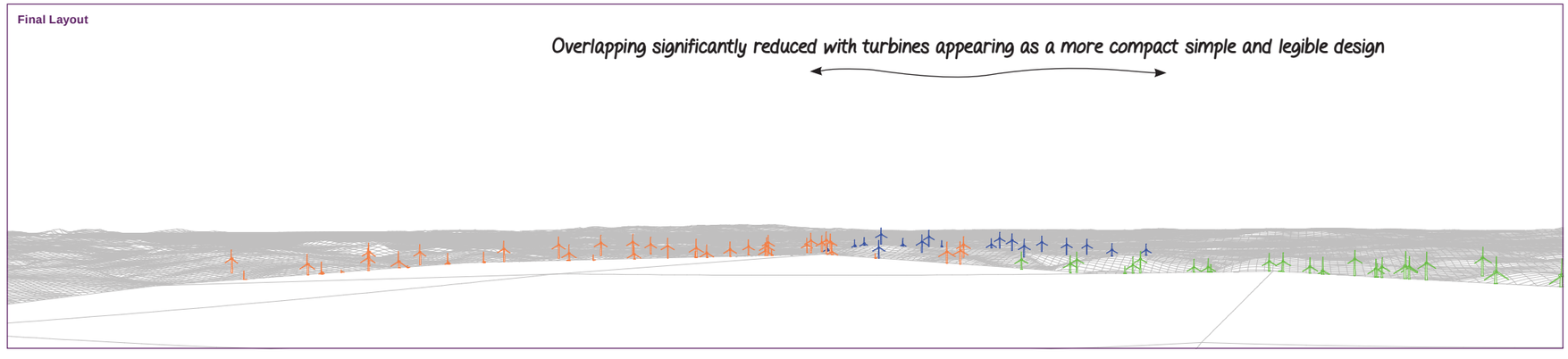
40 Turbine Layout Presented to Community Liaison Group



20 Turbine Design Chill Layout



Final Layout



Viewpoint Parameters

OS reference:	E259 419, N598 010
Ground Level Elevation:	795m AOD
Direction of view to site centre[4]:	344°
Angle of View	75°

40 Turbine Layout Presented to Community Liaison Group Parameters

Number of blade tips theoretically visible[5]:	40
Number of hubs theoretically visible[5]:	34
Nearest Turbine:	8,773m

20 Turbine Design Chill Parameters

Number of blade tips theoretically visible[5]:	20
Number of hubs theoretically visible[5]:	18
Nearest Turbine:	8,785m

Final Layout Parameters

Number of blade tips theoretically visible[5]:	19
Number of hubs theoretically visible[5]:	18
Nearest Turbine:	8,728m

Selected Cumulative Windfarms

- Proposed Enoch Hill Turbines
- South Kyle Windfarm
- Windy Standard Extension

Notes:

1. Not to SNH visualisation guidance. Please see figure 9.34
2. This figure has been based on the following parameters:
   Turbine layout file: LENOCH005/006/018.WFL
   Hub height: 80m • Rotor diameter: 100m • Height to blade tip: 130m
3. Turbine positions could be subject to micro-siting (typically up to 50m).
4. Direction given as bearing relative to Grid North (BNG).
5. 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.

Design evolution figure for illustrative purposes only - not to be used for assessment

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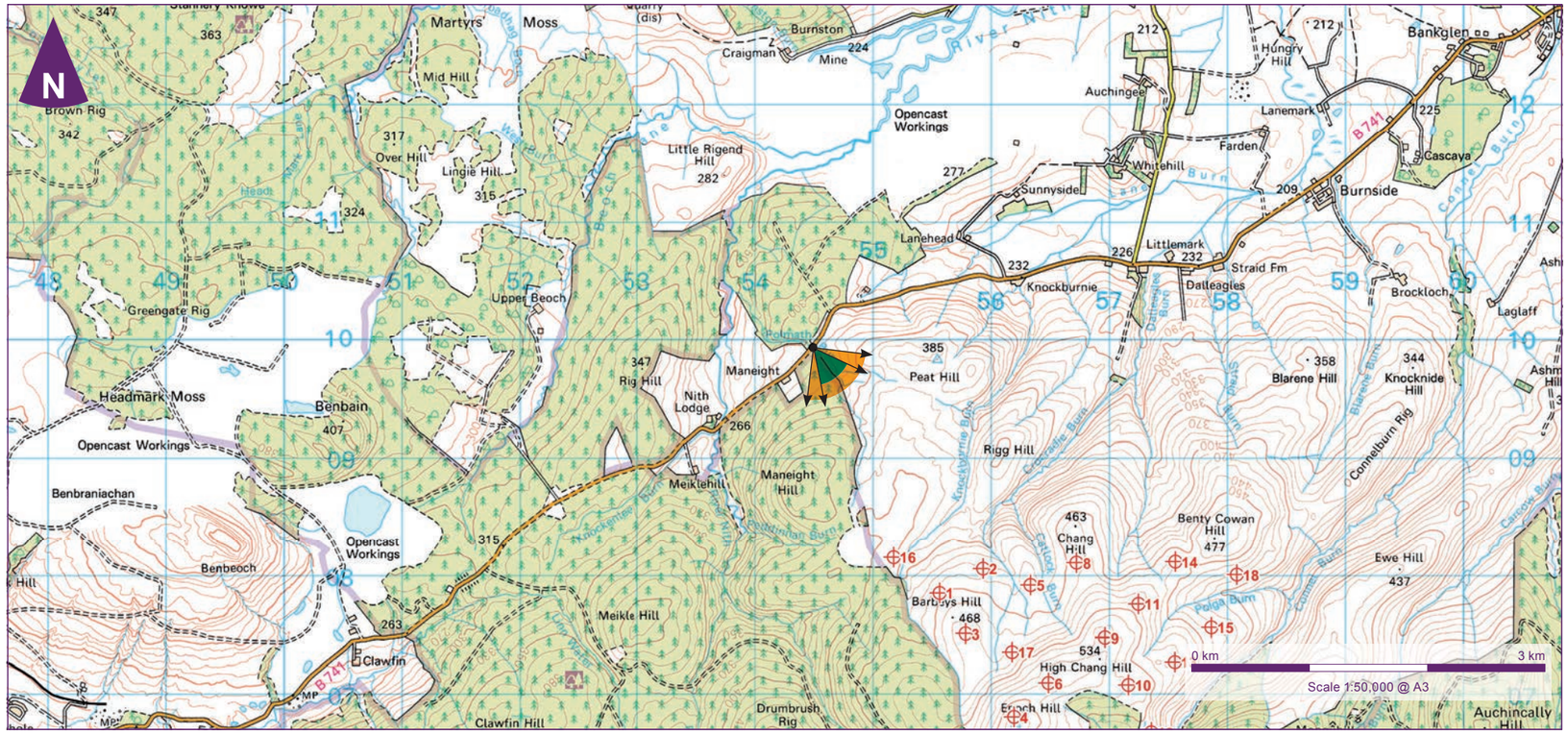
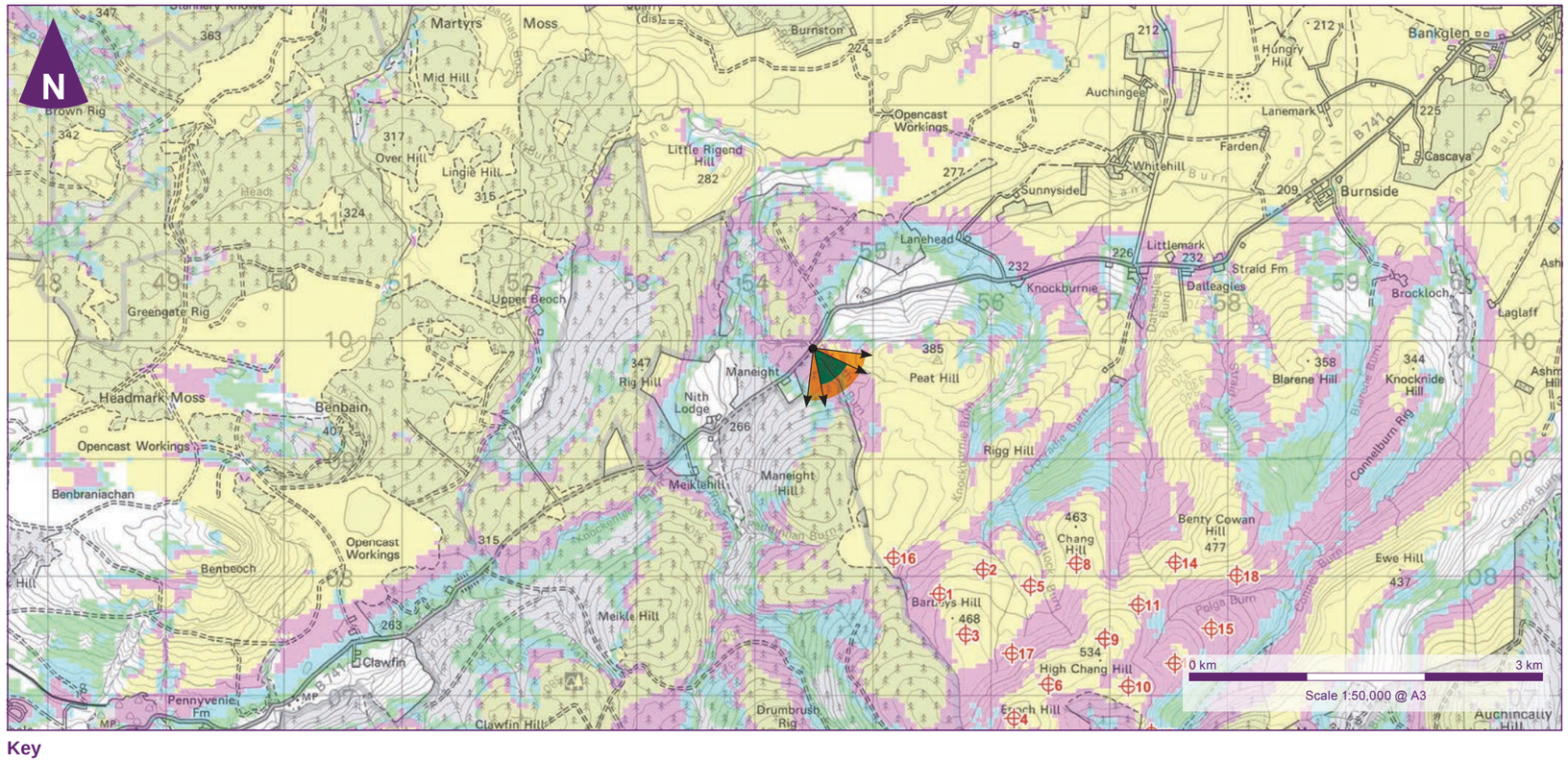
Figure 9.26e
Viewpoint 8: Cairnsmore of Carsphairn

June 2015

32965-GLA343.indd loves





Key

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

Viewpoint Parameters

OS reference:	E245 491, N609 932
Ground Level Elevation:	309m AOD
Camera Height:	1.5m AGL
Direction of view to site centre[3]:	142º
Distance to nearest turbine:	1,893m
Number of blade tips theoretically visible[4]:	13
Number of hubs theoretically visible[4]:	8
Date and time of viewpoint photography:	11/06/2014 @ 13:45
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.

Additonal 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

amec foster wheeler

Figure 9.27a
Viewpoint 1: B741 North East of Dalmellington