



KNOCKCRONAL WIND FARM

PREDICTED VIEWS

14 September - 5 October 2021



Predicted Views

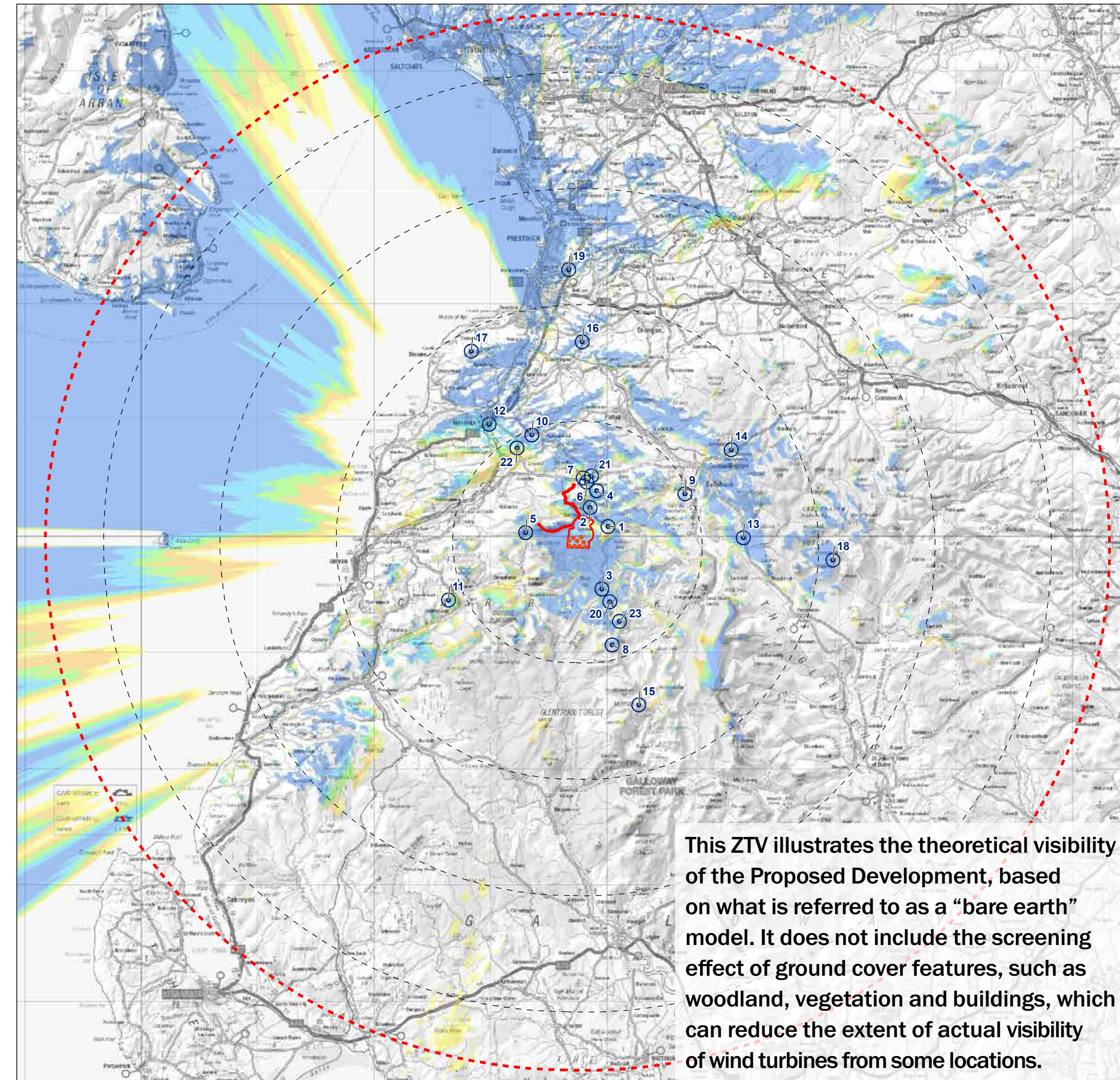
The viewpoint locations for Knockcronal Wind Farm have been agreed following consultation with South Ayrshire Council, NatureScot and community councils.

The viewpoints ensure the most suitable locations are selected to illustrate the effects of the wind farm.

In this brochure we have 10 day time photomontages available from viewpoints that will be assessed in the planning application. In addition, at the request of Crosshill, Straiton and Kirkmichael Community Council, we have included an illustration from a location along the Crosshill to Kirkmichael Road. You will find this viewpoint at that the start of the brochure.

Illustrations for all locations will be submitted as part of our application and be available to view at this time, expected to be in December 2021.

Zone of Theoretical Visibility (ZTV) Day Time



Key

- Site Boundary
- Proposed Turbine
- 10 km Radii
- 45 km LVIA Study Area

No. of Turbines Theoretically Visible

- 1 - 2
- 3 - 4
- 5 - 6
- 7 - 8
- 9

○ Predicted Viewpoint Locations

Day time viewpoints shown in this booklet
Day time and night time view point shown in this booklet.

- 1 Minor Road near Tairlaw
- 2 Minor Road near Craig
- 3 Minor Road near Stinchar Bridge
- 4 Craigengower Monument
- 5 NCN7, near Palmullan Bridge
- 6 Straiton, minor road south of settlement
- 7 Straiton
- 8 Shalloch on Minnoch
- 9 Craiggillan GDL, Shear Hill
- 10 B7045, west of Kirkmichael
- 11 Auchensoul Hill
- 12 Maybole
- 13 A713, Eriff
- 14 B741, near Clawfin
- 15 Merrick
- 16 A713 and B742 Road Junction
- 17 Brown Carrick Hill
- 18 Cairnsmore of Carsphairn
- 19 A77, Ayr
- 20 Cornish Hill
- 21 B741, near Largs Farm
- 22 B7023, north of Gartlea Farm
- 23 Loch Girvan Eye

This ZTV illustrates the theoretical visibility of the Proposed Development, based on what is referred to as a “bare earth” model. It does not include the screening effect of ground cover features, such as woodland, vegetation and buildings, which can reduce the extent of actual visibility of wind turbines from some locations.

Predicted Views

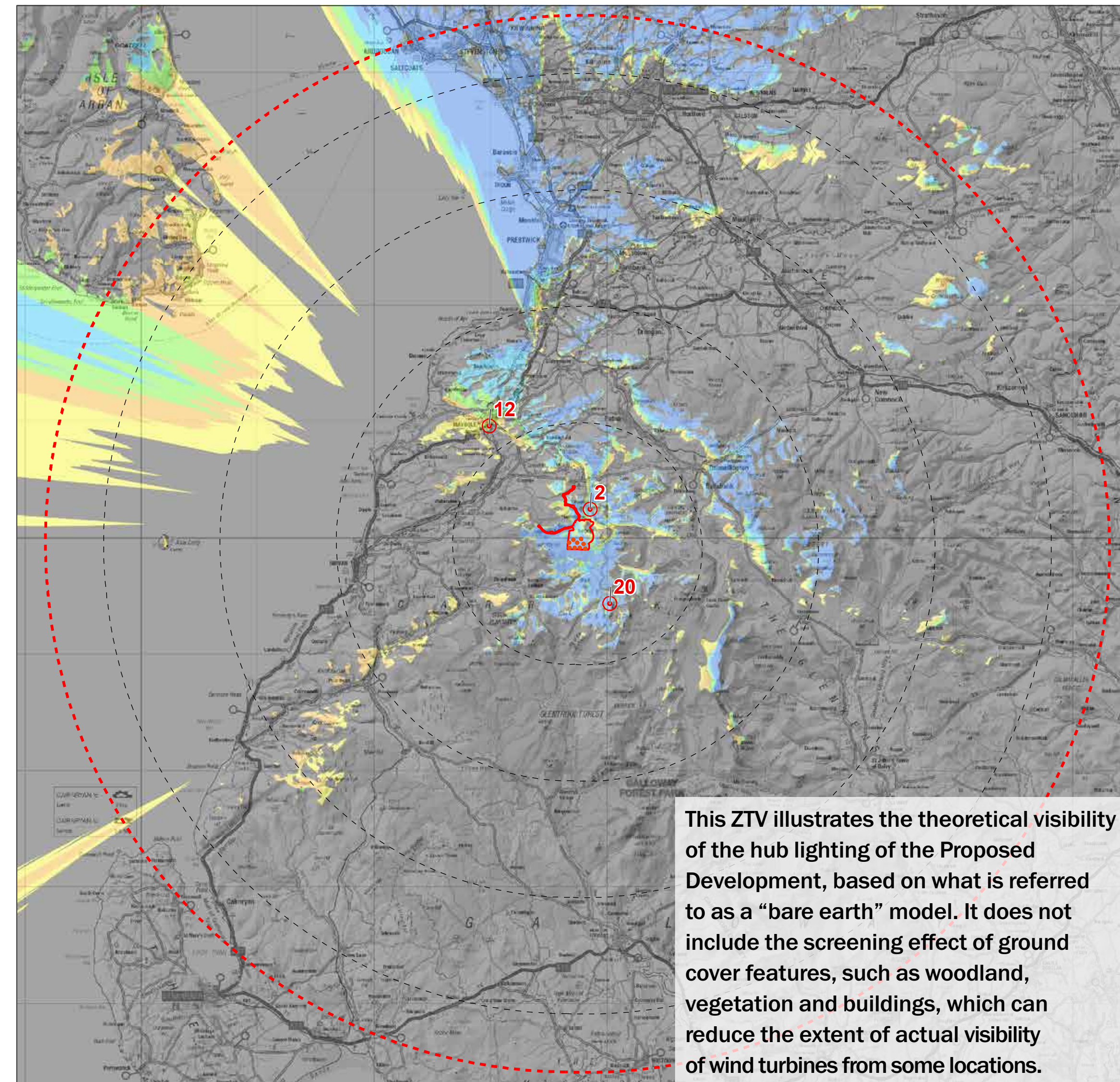
The viewpoint locations for Knockcronal Wind Farm have been agreed following consultation with South Ayrshire Council and NatureScot and community councils.

The viewpoints ensure the most suitable locations are selected to illustrate the effects of the wind farm.

Night time viewpoints are required to be produced at some locations for developments with turbines above 150m. We have included one night time predicted viewpoint within this brochure.

Three night time photomontages will be included in the planning application which will be available to view on our project website following the submission of the planning application.

Zone of Theoretical Visibility (ZTV) Night time



Key

- Site Boundary
- Proposed Turbine
- 10 km Radii
- 45 km LVIA Study Area

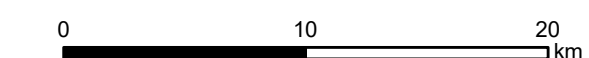
No. of Turbines Theoretically Visible

- 1 - 2
- 3 - 4
- 5 - 6
- 7 - 8
- 9

Predicted Viewpoint Locations

Day time and night time views.
Day time viewpoints shown in this booklet.

- 2 Minor Road near Craig
- 12 Maybole
- 20 Cornish Hill



Community requested viewpoint: Crosshill to Kirkmichael Road

Requested by Crosshill, Straiton and Kirkmichael Community Council

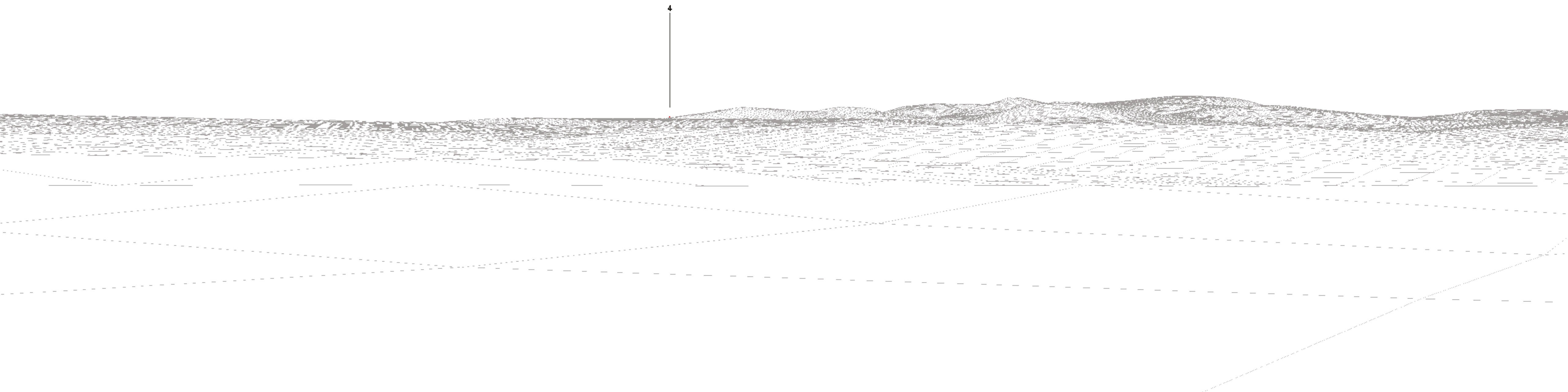
BASELINE VIEW



Community requested viewpoint: Crosshill to Kirkmichael Road

Requested by Crosshill, Straiton and Kirkmichael Community Council

WIREFRAME



Wireframe showing submission layout
9 turbines: 6 @ 200m to blade tip height
and 3 @ 180m to blade tip height.
All turbines shown with a 155m rotor diameter.

Community requested viewpoint: Crosshill to Kirkmichael Road

Requested by Crosshill, Straiton and Kirkmichael Community Council

PREDICTED VIEW
(WITH TURBINE LOCATION MARKER)



Photomontage showing submission layout
9 turbines: 6 @ 200m to blade tip height
and 3 @ 180m to blade tip height.
All turbines shown with a 155m rotor diameter.

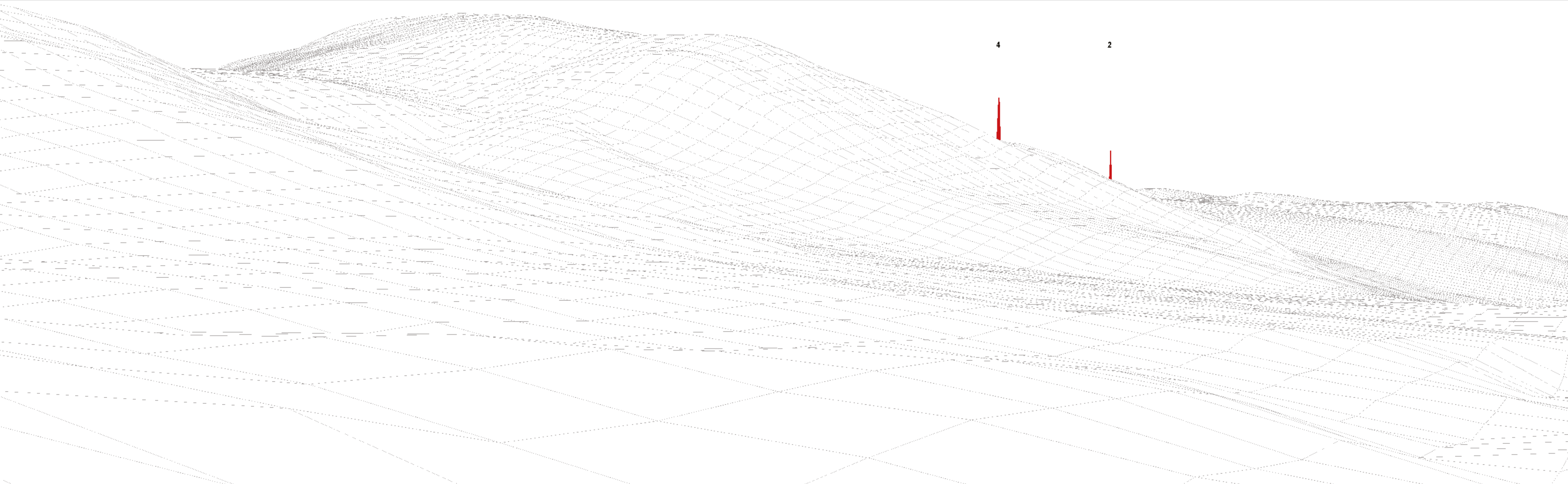
Viewpoint 1: Minor Road near Tairlaw

BASELINE VIEW



Viewpoint 1: Minor Road near Tairlaw

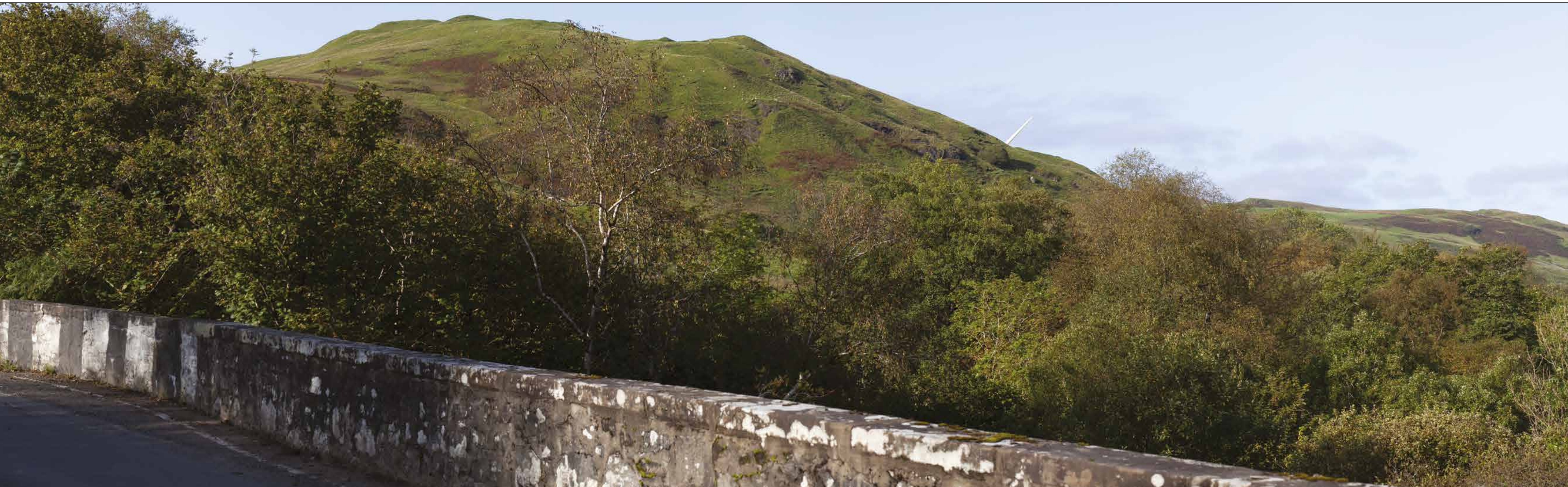
WIREFRAME



Wireframe showing submission layout
9 turbines: 6 @ 200m to blade tip height
and 3 @ 180m to blade tip height.
All turbines shown with a 155m rotor diameter.

Viewpoint 1: Minor Road near Tairlaw

PREDICTED VIEW



Photomontage showing submission layout
9 turbines: 6 @ 200m to blade tip height
and 3 @ 180m to blade tip height.
All turbines shown with a 155m rotor diameter.

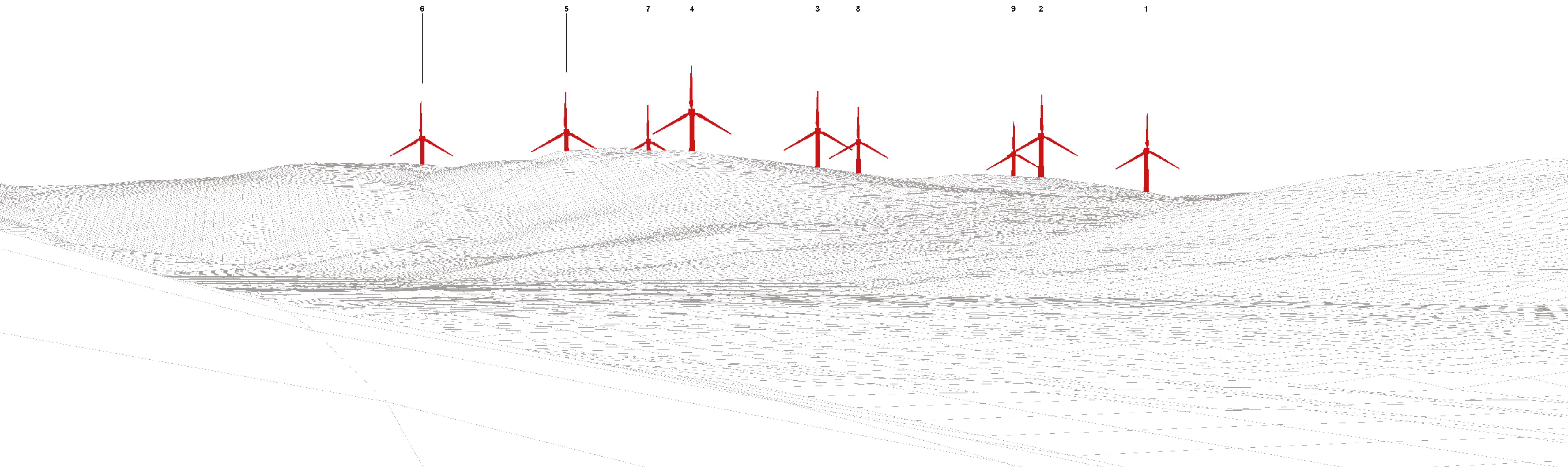
Viewpoint 2: Minor Road near Craig

BASELINE VIEW



Viewpoint 2: Minor Road near Craig

WIREFRAME



Wireframe showing submission layout
9 turbines: 6 @ 200m to blade tip height
and 3 @ 180m to blade tip height.
All turbines shown with a 155m rotor diameter.

Viewpoint 2: Minor Road near Craig

PREDICTED VIEW



Photomontage showing submission layout
9 turbines: 6 @ 200m to blade tip height
and 3 @ 180m to blade tip height.
All turbines shown with a 155m rotor diameter.

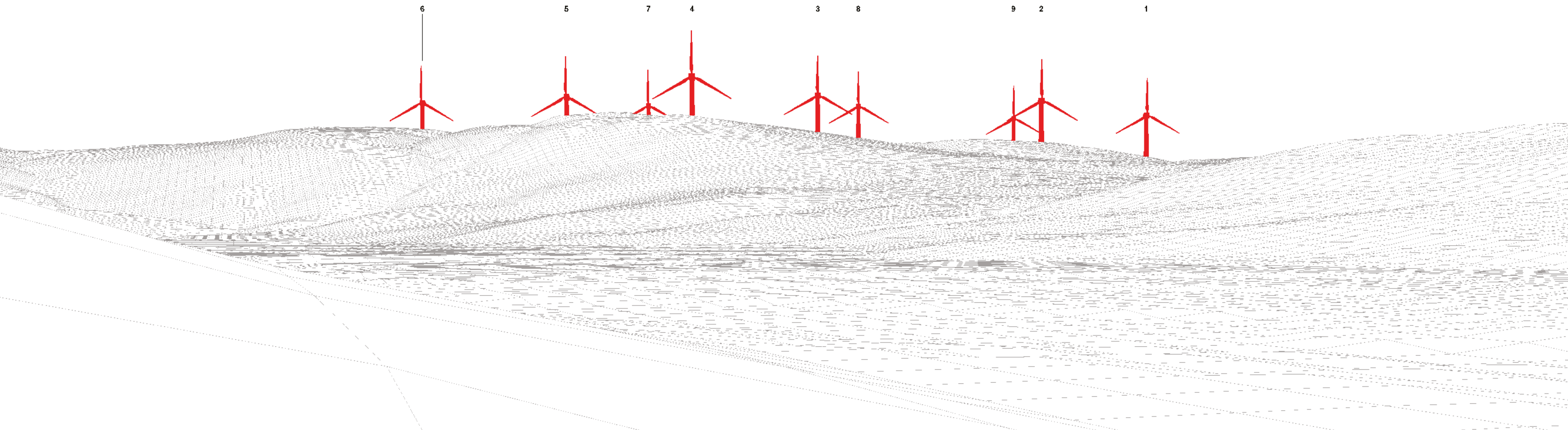
Viewpoint 2: Minor Road near Craig (night time view)

BASELINE VIEW



Viewpoint 2: Minor Road near Craig (night time view)

WIREFRAME



Wireframe showing submission layout
9 turbines: 6 @ 200m to blade tip height
and 3 @ 180m to blade tip height.
All turbines shown with a 155m rotor diameter.

Viewpoint 2: Minor Road near Craig (night time view) with 200 Candela Hub Lighting

PREDICTED VIEW



Photomontage showing submission layout
9 turbines: 6 @ 200m to blade tip height
and 3 @ 180m to blade tip height.
All turbines shown with a 155m rotor diameter.

Note: Turbines over 150m are required to be fitted with lighting and required to be lit to the equivalent of 200 candela, taking into account the prevailing weather conditions, when light fades.

This night time photomontage has been produced under clear conditions. As atmospheric visibility declines, under fog or other weather conditions, lighting up to 2,000 candela will be used to ensure an equivalent brightness of the lights in lower visibility conditions.

The lighting scheme is still to be determined for Knockcronal Wind Farm. We are seeking ways to minimise the lighting scheme, and if possible, the turbines will only be lit when necessary i.e. aircraft passing overhead.

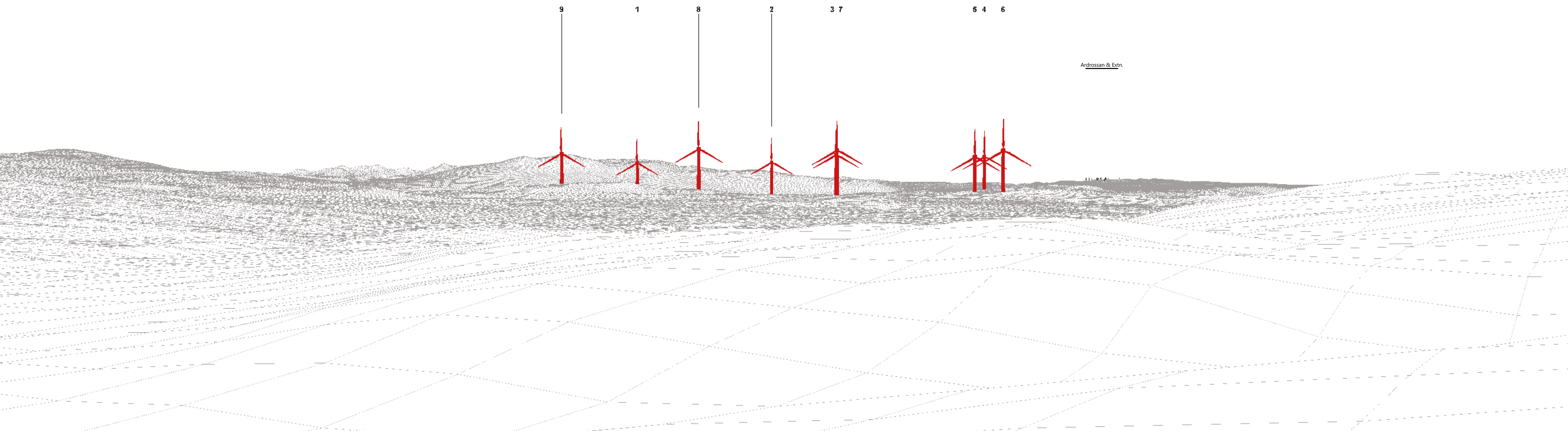
Viewpoint 3: Minor Road near Stinchar Bridge

BASELINE VIEW



Viewpoint 3: Minor Road near Stinchar Bridge

WIREFRAME



Wireframe showing submission layout
9 turbines: 6 @ 200m to blade tip height
and 3 @ 180m to blade tip height.
All turbines shown with a 155m rotor diameter.

Viewpoint 3: Minor Road near Stinchar Bridge

PREDICTED VIEW



Photomontage showing submission layout
9 turbines: 6 @ 200m to blade tip height
and 3 @ 180m to blade tip height.
All turbines shown with a 155m rotor diameter.

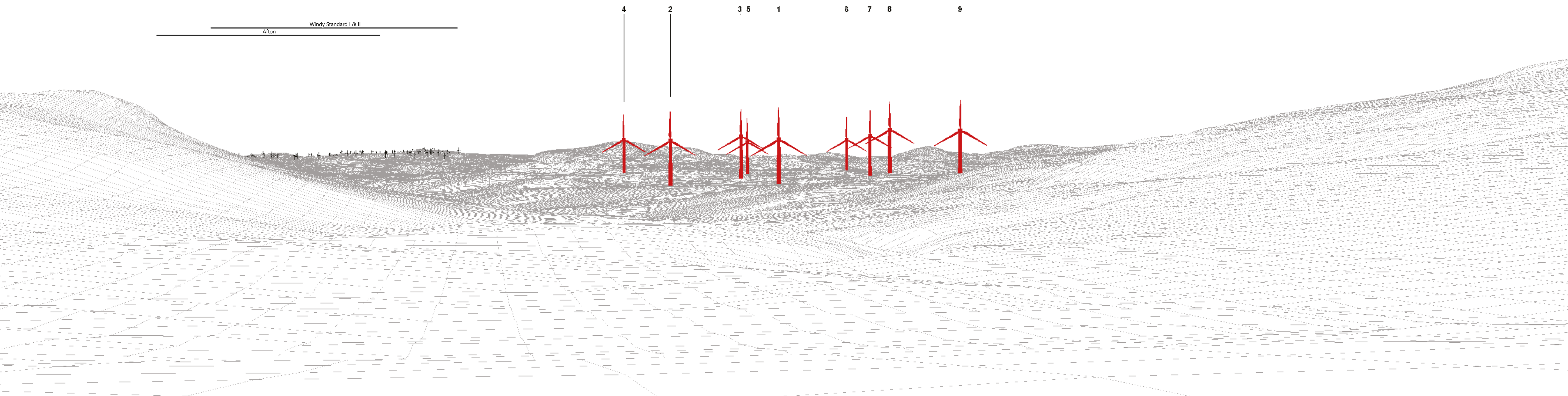
Viewpoint 5: NCN7, near Palmullan Bridge

BASELINE VIEW



Viewpoint 5: NCN7, near Palmullan Bridge

WIREFRAME



Wireframe showing submission layout
9 turbines: 6 @ 200m to blade tip height
and 3 @ 180m to blade tip height.
All turbines shown with a 155m rotor diameter.

Viewpoint 5: NCN7, near Palmullan Bridge

PREDICTED VIEW



Photomontage showing submission layout
9 turbines: 6 @ 200m to blade tip height
and 3 @ 180m to blade tip height.
All turbines shown with a 155m rotor diameter.

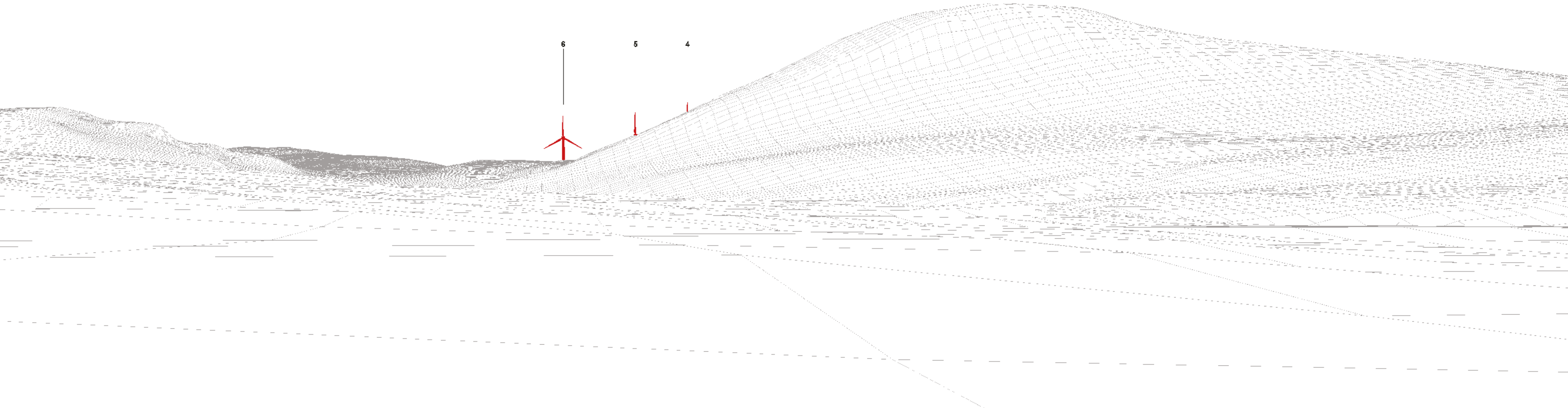
Viewpoint 6: Straiton, minor road south of settlement

BASELINE VIEW



Viewpoint 6: Straiton, minor road south of settlement

WIREFRAME



Wireframe showing submission layout
9 turbines: 6 @ 200m to blade tip height
and 3 @ 180m to blade tip height.
All turbines shown with a 155m rotor diameter.

Viewpoint 6: Straiton, minor road south of settlement

PREDICTED VIEW



Photomontage showing submission layout
9 turbines: 6 @ 200m to blade tip height
and 3 @ 180m to blade tip height.
All turbines shown with a 155m rotor diameter.

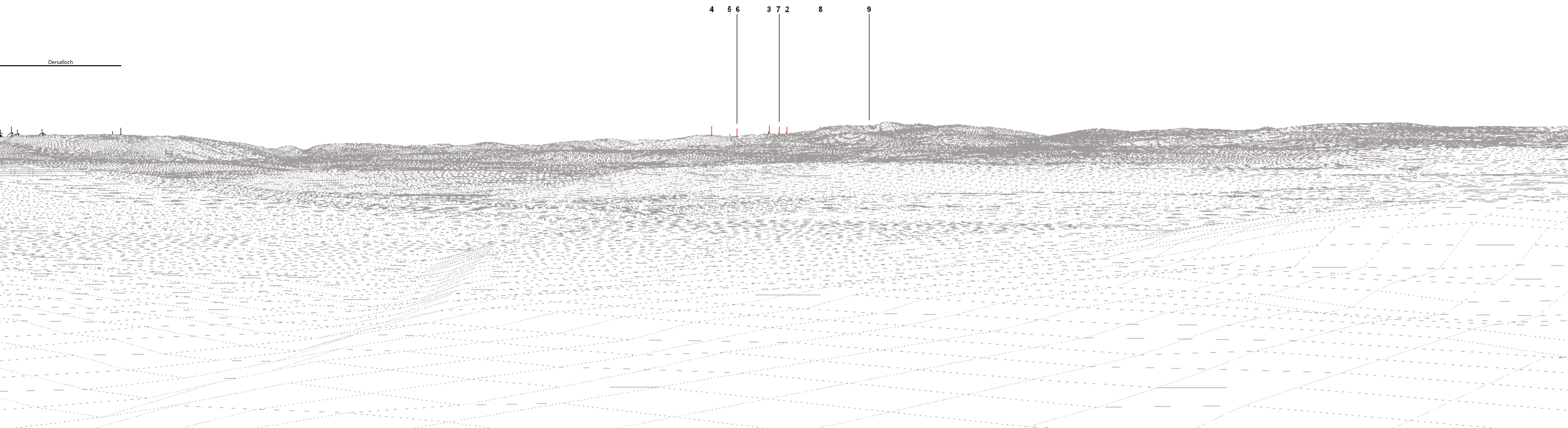
Viewpoint 12: Maybole

BASELINE VIEW



Viewpoint 12: Maybole

WIREFRAME



Wireframe showing submission layout
9 turbines: 6 @ 200m to blade tip height
and 3 @ 180m to blade tip height.
All turbines shown with a 155m rotor diameter.

Viewpoint 12: Maybole

PREDICTED VIEW



Photomontage showing submission layout
9 turbines: 6 @ 200m to blade tip height
and 3 @ 180m to blade tip height.
All turbines shown with a 155m rotor diameter.

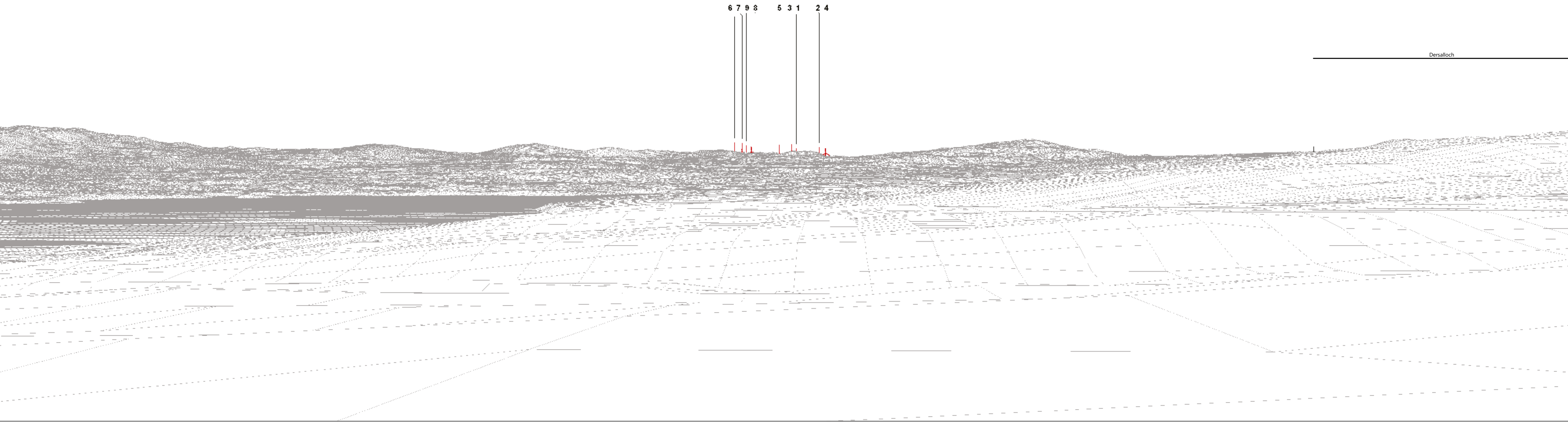
Viewpoint 13: A713 Eriff

BASELINE VIEW



Viewpoint 13: A713 Eriff

WIREFRAME



Wireframe showing submission layout
9 turbines: 6 @ 200m to blade tip height
and 3 @ 180m to blade tip height.
All turbines shown with a 155m rotor diameter.

Viewpoint 13: A713 Eriff

PREDICTED VIEW



Photomontage showing submission layout
9 turbines: 6 @ 200m to blade tip height
and 3 @ 180m to blade tip height.
All turbines shown with a 155m rotor diameter.

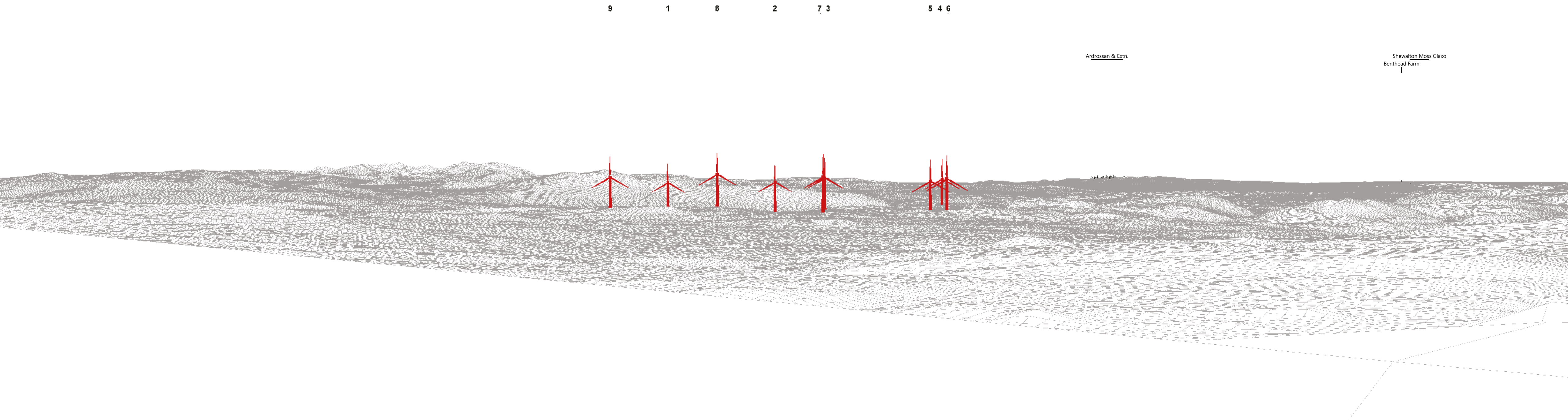
Viewpoint 20: Cornish Hill

BASELINE VIEW



Viewpoint 20: Cornish Hill

WIREFRAME



Wireframe showing submission layout
9 turbines: 6 @ 200m to blade tip height
and 3 @ 180m to blade tip height.
All turbines shown with a 155m rotor diameter.

Viewpoint 20: Cornish Hill

PREDICTED VIEW



Photomontage showing submission layout
9 turbines: 6 @ 200m to blade tip height
and 3 @ 180m to blade tip height.
All turbines shown with a 155m rotor diameter.

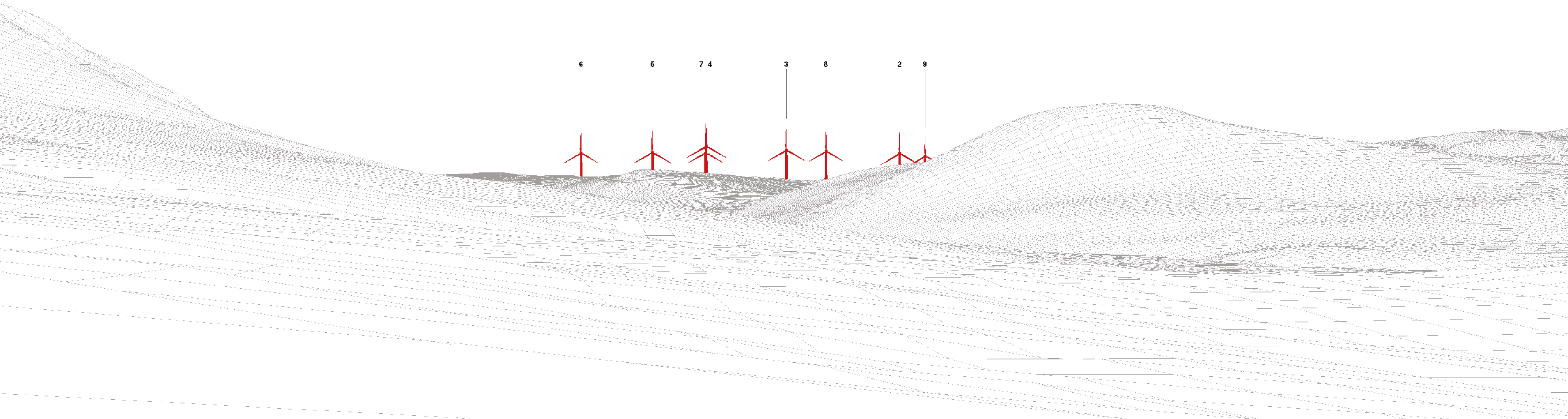
Viewpoint 21: B741 near Largs Farm

BASELINE VIEW



Viewpoint 21: B741 near Largs Farm

WIREFRAME



Wireframe showing submission layout
9 turbines: 6 @ 200m to blade tip height
and 3 @ 180m to blade tip height.
All turbines shown with a 155m rotor diameter.

Viewpoint 21: B741 near Largs Farm

PREDICTED VIEW



Photomontage showing submission layout
9 turbines: 6 @ 200m to blade tip height
and 3 @ 180m to blade tip height.
All turbines shown with a 155m rotor diameter.

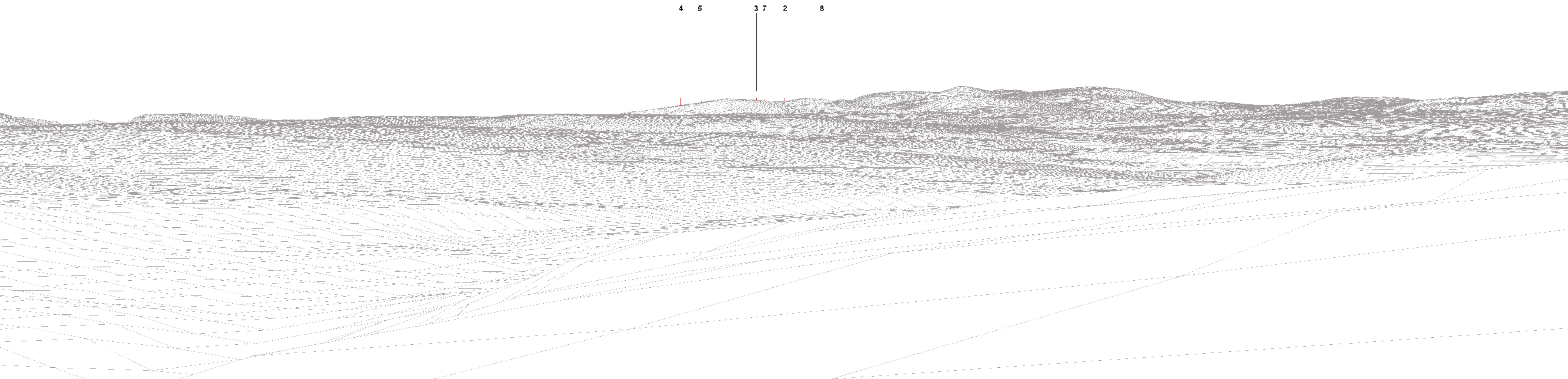
Viewpoint 22: B7023 north of Gartlea Farm

BASELINE VIEW



Viewpoint 22: B7023 north of Gartlea Farm

WIREFRAME



Wireframe showing submission layout
9 turbines: 6 @ 200m to blade tip height
and 3 @ 180m to blade tip height.
All turbines shown with a 155m rotor diameter.

Viewpoint 22: B7023 north of Gartlea Farm

PREDICTED VIEW



Photomontage showing submission layout
9 turbines: 6 @ 200m to blade tip height
and 3 @ 180m to blade tip height.
All turbines shown with a 155m rotor diameter.

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