Scartmountain Wind Farm

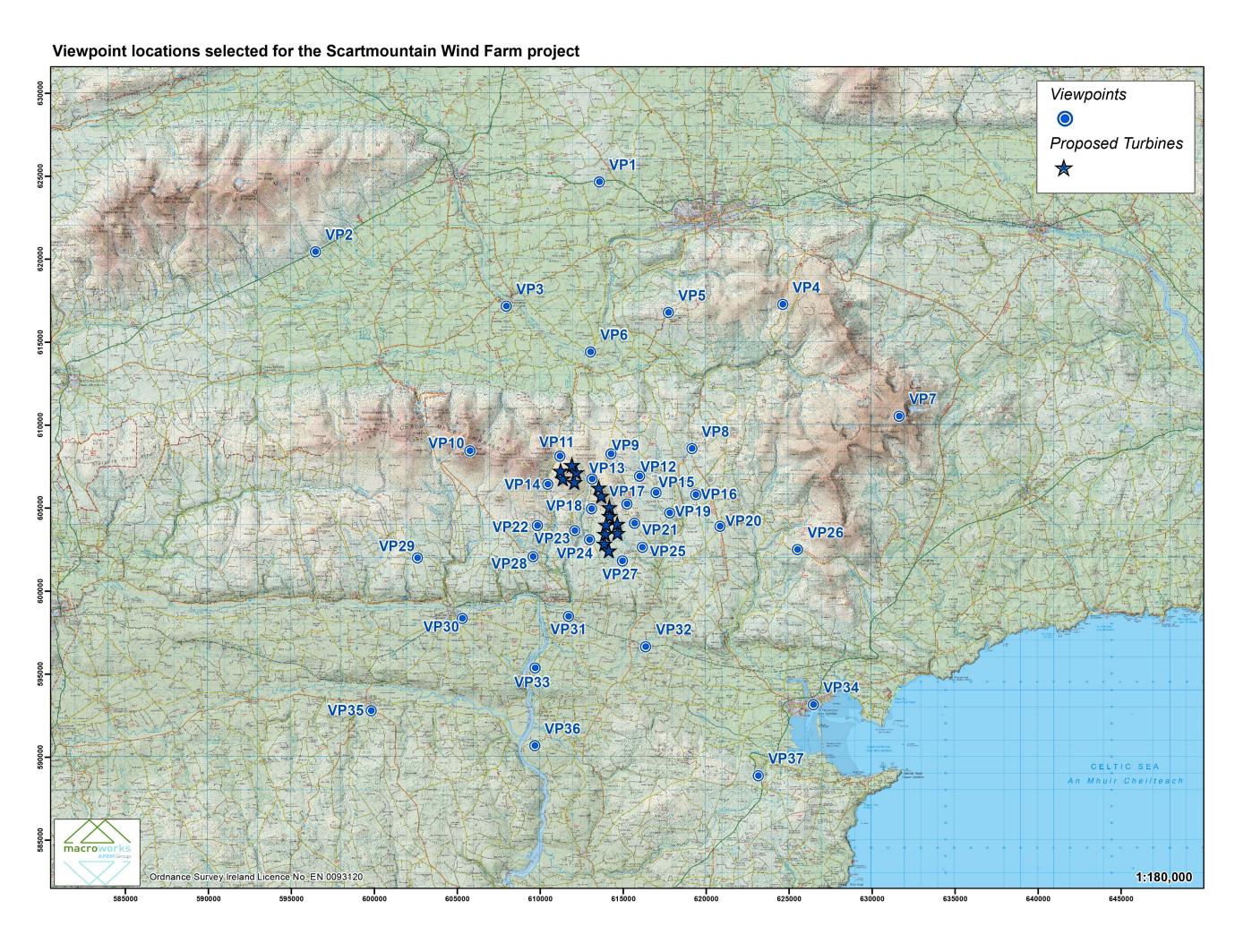
LVIA Photomontages Book 2: VP15 - VP23

This book contains imagery for the viewpoints chosen for the LVIA study

March 2024



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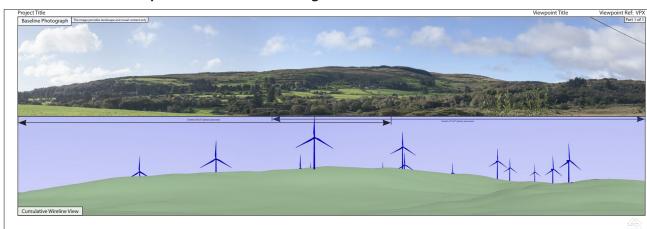
Page 7: Photomontage

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How photomontages are presented for each viewpoint

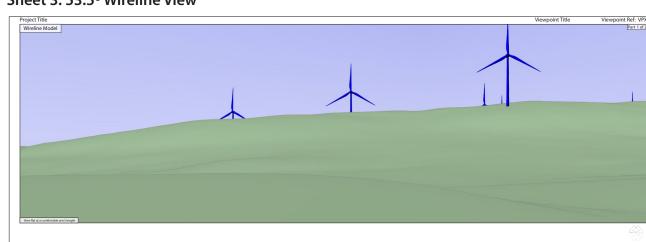
Sheet 1: 90° Baseline panorama and matching wireline



Sheet 2 (provided where necessary): Contextual Panoramic Photomontage View (120° - 180°)



Sheet 3: 53.5° Wireline View



Sheet 4: 53.5° Panoramic Photomontage View



What is Displayed

90° Baseline Panorama Photograph and matching Cumulative Wireline (Cylindrical Projection - to be viewed curved):

The top image depicts a 90° (included angle) Baseline panorama generated from captured photography.

The bottom image depicts a 90° (included angle) matching computer generated wireline. This image includes the proposed wind farm development and includes other cumulative wind farm developments (existing and/or permitted wind farm developments in the public domain and projects in the planning system pending a decision from a planning authority).

Extent bars indicate the extent of the 53.5° Panoramic Photomontage/Wireline Views within the depicted 90° Baseline views.

Information relating to the viewpoint, proposed development and photography capture are included.

A small thumbnail map is included which indicates the location of the viewpoint and the direction and extent of the depicted view.

A coloured legend referencing turbines are also included to help distinguish the proposed turbines from the other cumulative turbines.

Contextual Panoramic Photomontage View (ranging from 120° to 180°) (Cylindrical Projection - to be viewed curved):

The image demonstrates a contextual panoramic photomontage view (ranging from 120° to 180° included angle) which is generated from captured photography. It includes the proposed wind farm development and includes only other existing cumulative wind farm developments.

Extent bars indicate the extent of both the 53.5° Panoramic Photomontage/Wireline Views and the 90° Baseline Views within the depicted Contextual Panoramic Photomontage View.

Information relating to the viewpoint, proposed development and photography capture are included.

A small thumbnail map is included which indicates the location of the viewpoint and the direction and extent of the depicted view.

53.5° Wireline View (Planar Projection - to be viewed flat)

This image shows a 53.5° (included angle) Wireline View which matches the 53.5° Panoramic Photomontage View. It includes the proposed wind farm development and includes other cumulative wind farm developments (existing and/or permitted wind farm developments in the public domain and projects in the planning system pending a decision from a planning authority).

Wirelines are computer-generated images which depict the 'bare ground' terrain along with the proposed wind farm development and other cumulative wind farms developments within the depicted view. They are generated in GIS (Geographic Information System) mapping software based from a DTM (Digital Terrain Model).

Information relating to the viewpoint, proposed development and photography capture are included.

A small thumbnail map is included which indicates the location of the viewpoint and the direction and extent of the depicted view.

A coloured legend referencing turbines are also included to help distinguish the proposed turbines from the other cumulative turbines.

53.5° Panoramic Photomontage View (Planar Projection - to be viewed flat):

This image demonstrates a 53.5° (included angle) photomontage generated from captured photography. It includes the proposed wind farm development and includes only other existing cumulative wind farm developments.

Information relating to the viewpoint, proposed development and photography capture are included.

A small thumbnail map is included which indicates the location of the viewpoint and the direction and extent of the depicted view.

An additional page not required by the guidelines, this contextual photomontage view is included to give a broader context to the viewer. It is generally included where there are multiple 90° and 53.5° views, which are required by the guidelines, for a particular viewpoint.

Rationale

As required by the SNH guidelines, the purpose of the baseline panorama and wireline is to provide wider landscape and visual context to help the viewer

understand where development sits within the wider landscape. The wireline also illustrates cumulative effects and provides the viewer with the full cumulative

context. The baseline panorama is not intended to represent how large or small the turbines will appear in reality or how close they will appear to the viewer.

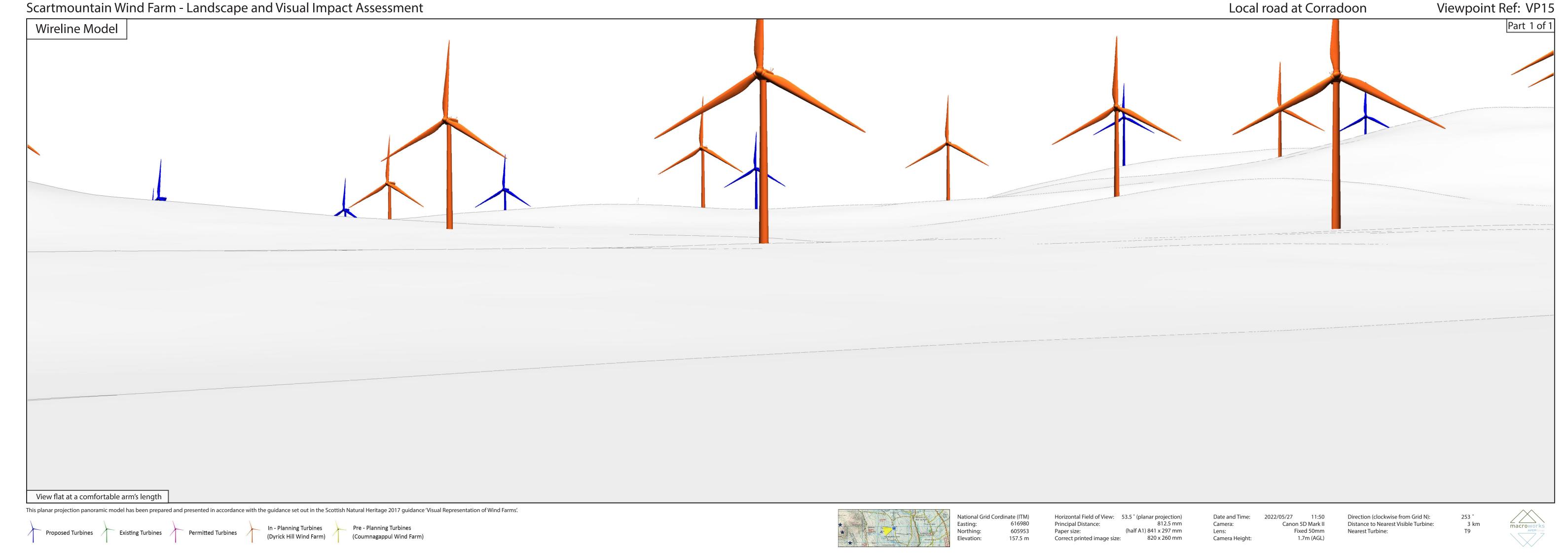
As required by the SNH guidelines, the A1 wireline is intended to provide the best impression of the apparent size of the turbines and the distance to the development from the viewpoint location.

It illustrates the 'bare ground' visibility and a provide a clear view of the wind farm to inform the assessment. Only images at this scale, held at a comfortable arms length, should be used when trying to understand the size of the development and its distance from the viewpoint.

As required by the SNH guidelines, the A1 panorama is intended to provide the best impression of the apparent size of the turbines and the distance to the development from the viewpoint location. Only images at this scale, held at a comfortable arms length, should be used when trying to understand the size of the development and its distance from the viewpoint.







Scartmountain Wind Farm - Landscape and Visual Impact Assessment Local road at Corradoon





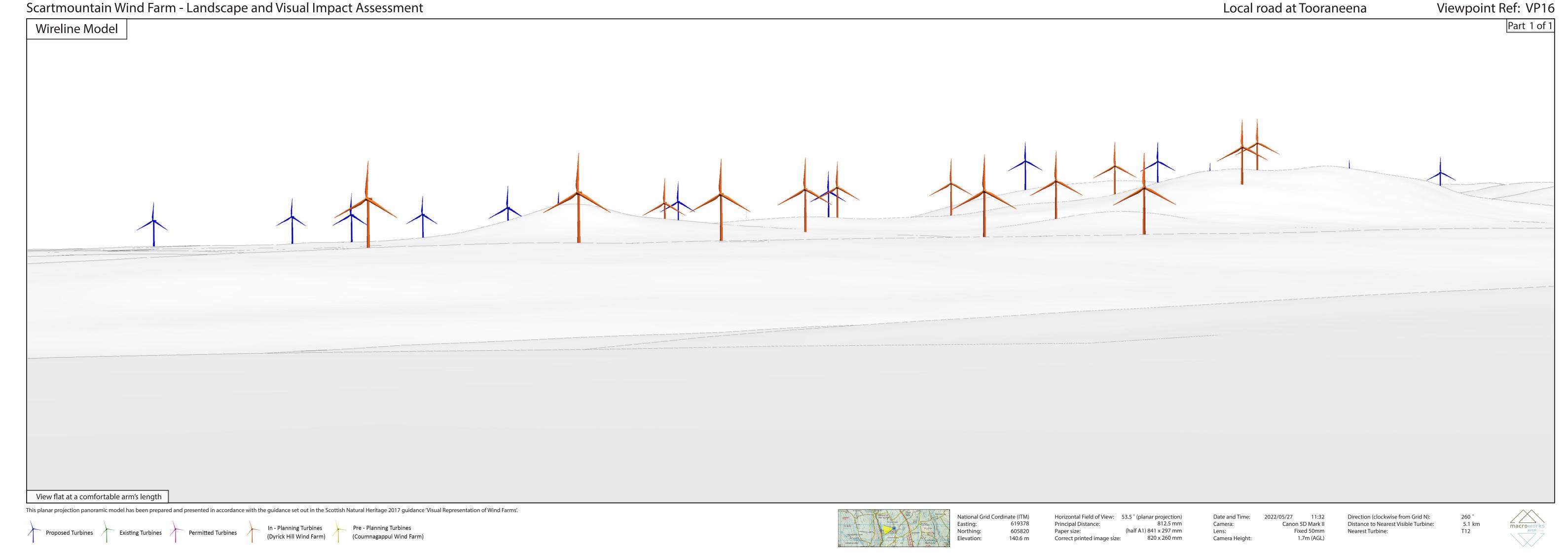


Fixed 50mm 1.7m (AGL) Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Nearest Turbine:



Viewpoint Ref: VP15





Scartmountain Wind Farm - Landscape and Visual Impact Assessment Local road at Tooraneena Viewpoint Ref: VP16







Date and Time: 2022/05/27 11:32
Camera: Canon 5D Mark II
Lens: Fixed 50mm 1.7m (AGL)







Scartmountain Wind Farm - Landscape and Visual Impact Assessment Local road at Dyrick Viewpoint Ref: VP17





Fixed 50mm 1.7m (AGL)



Scartmountain Wind Farm - Landscape and Visual Impact Assessment Local road at Coolagortboy Viewpoint Ref: VP18a Baseline Photograph This image provides landscape and visual context only Cumulative Wireline View This cylindrical projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. Distance to Nearest Visible Turbine: Canon 5D Mark II Fixed 50mm Nearest Turbine: (Dyrick Hill Wind Farm)





Scartmountain Wind Farm - Landscape and Visual Impact Assessment Local road at Coolagortboy



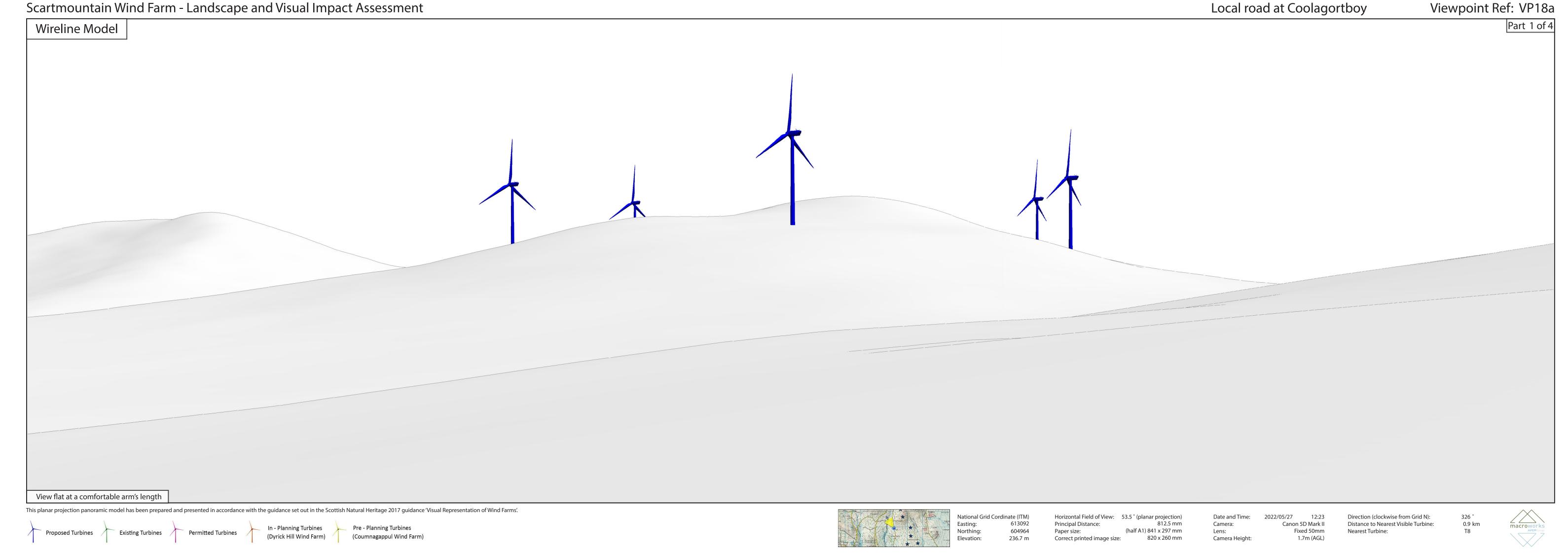


Horizontal Field of View: 180 ° (cylindrical projection) Turbine Tip Height:

Date and Time:

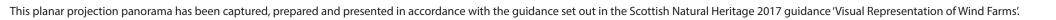
1.7m (AGL)

Distance to Nearest Visible Turbine: Nearest Turbine:



Scartmountain Wind Farm - Landscape and Visual Impact Assessment Local road at Coolagortboy Viewpoint Ref: VP18a

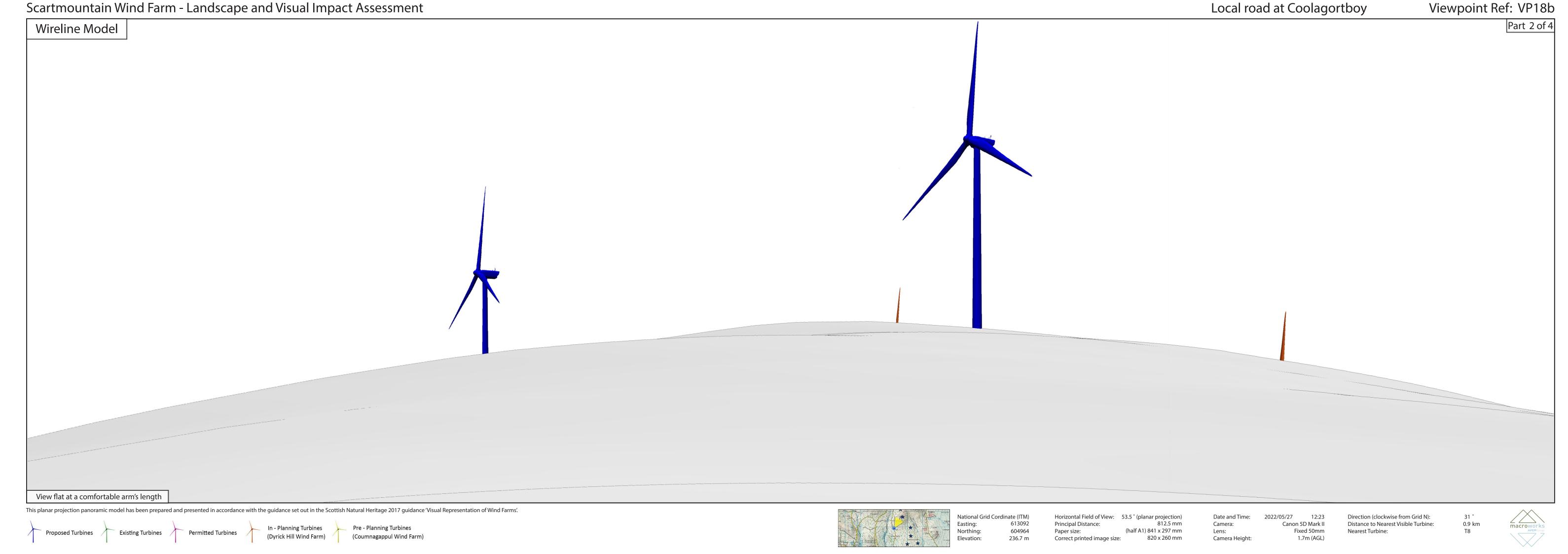






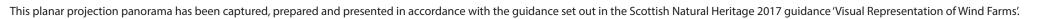
Fixed 50mm 1.7m (AGL)





Scartmountain Wind Farm - Landscape and Visual Impact Assessment Local road at Coolagortboy Viewpoint Ref: VP18b

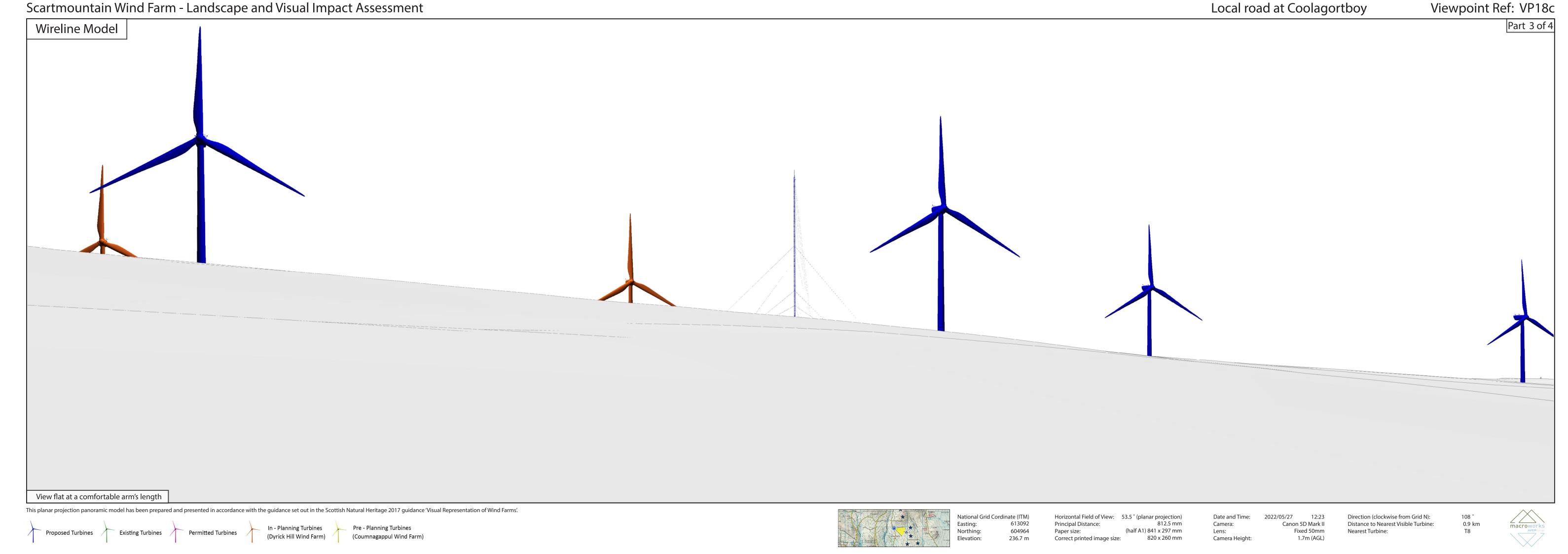






Canon 5D Mark II Fixed 50mm 1.7m (AGL)





Scartmountain Wind Farm - Landscape and Visual Impact Assessment Local road at Coolagortboy





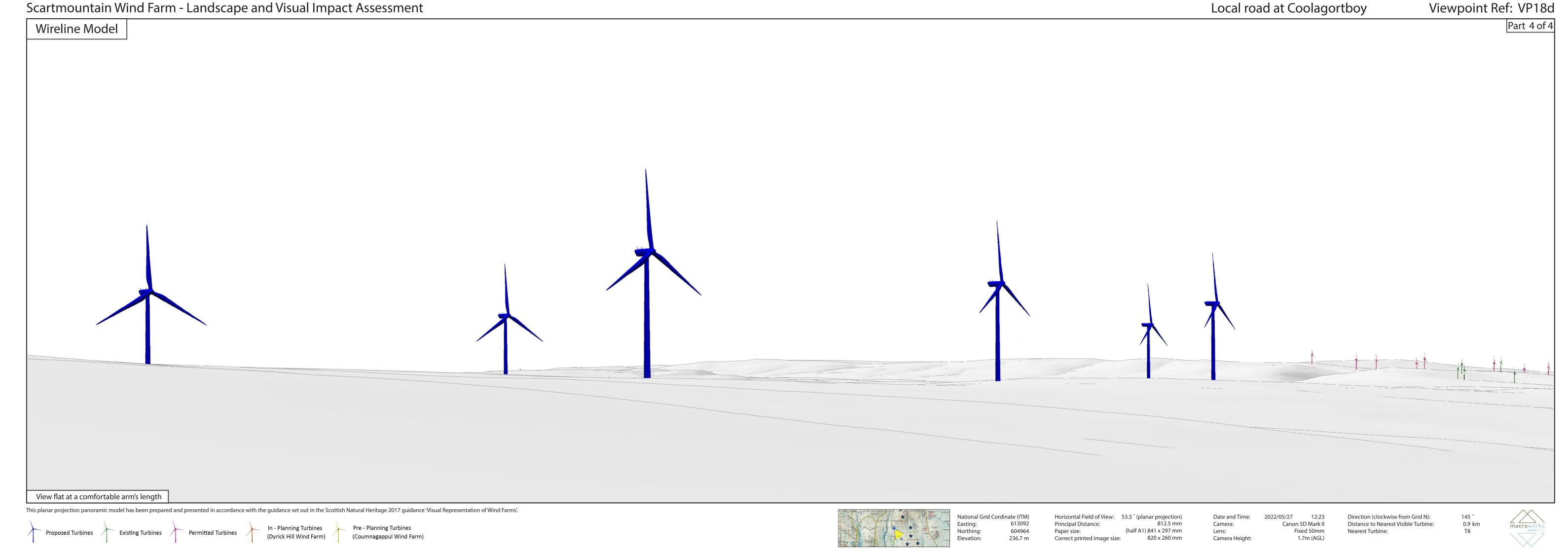


1.7m (AGL)

Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Nearest Turbine: /05/27 12:23 Canon 5D Mark II Fixed 50mm

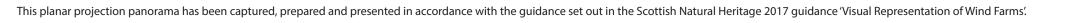


Viewpoint Ref: VP18c



Scartmountain Wind Farm - Landscape and Visual Impact Assessment Local road at Coolagortboy Viewpoint Ref: VP18d



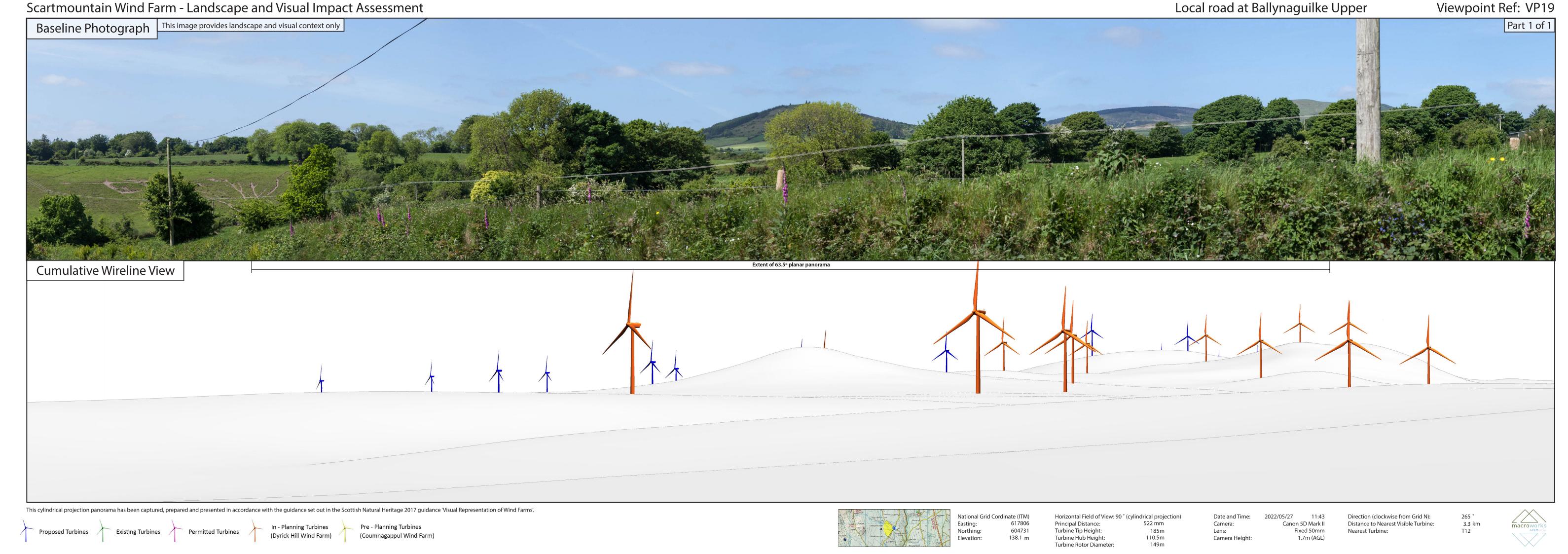


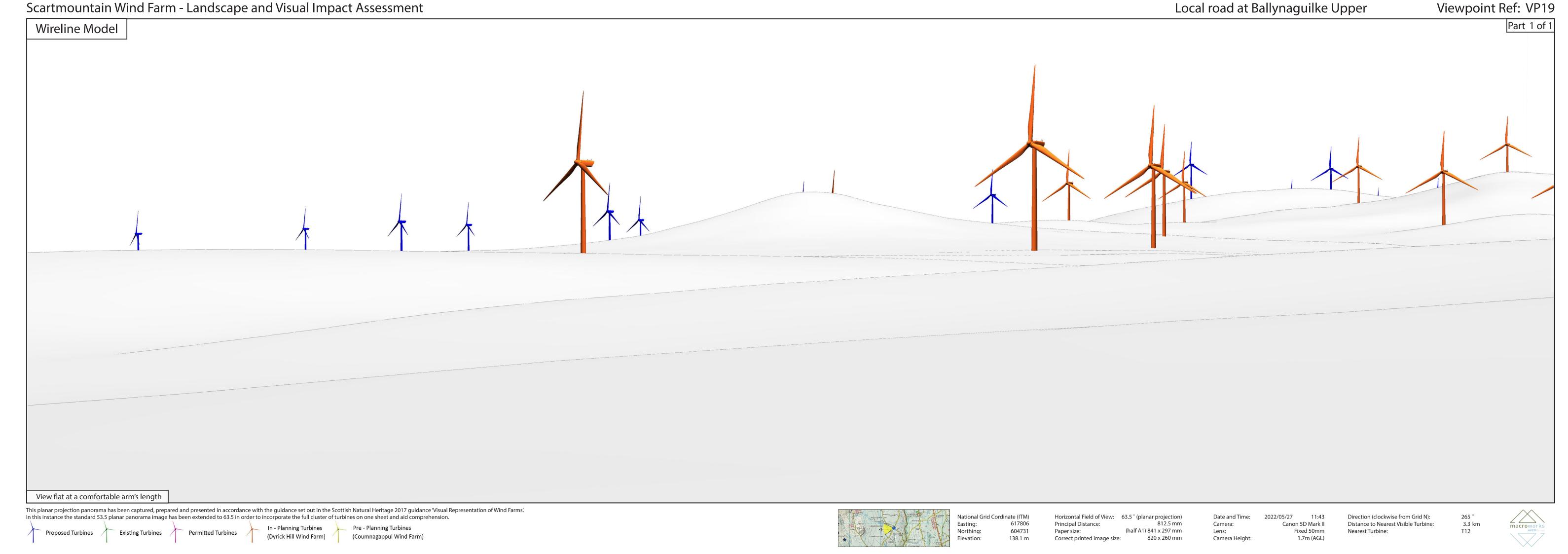


820 x 260 mm

Canon 5D Mark II Fixed 50mm 1.7m (AGL)







Scartmountain Wind Farm - Landscape and Visual Impact Assessment Local road at Ballynaguilke Upper Viewpoint Ref: VP19



This planar projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'. In this instance the standard 53.5 planar panorama image has been extended to 63.5 in order to incorporate the full cluster of turbines on one sheet and aid comprehension.



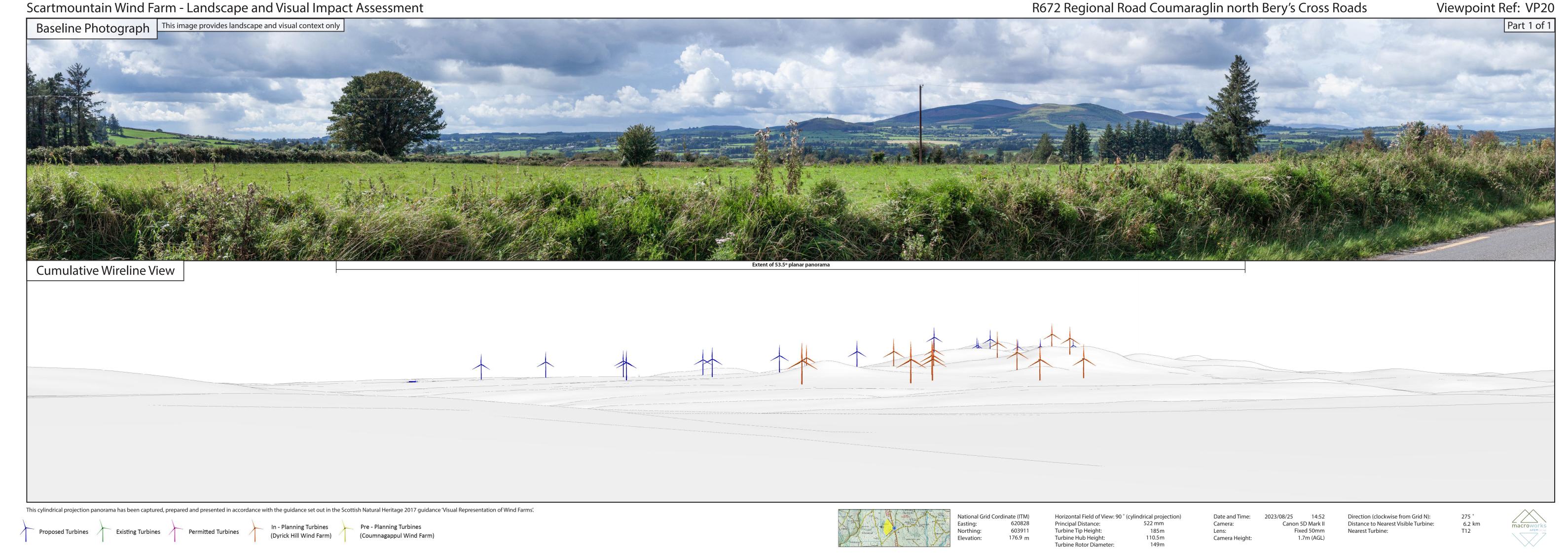
820 x 260 mm

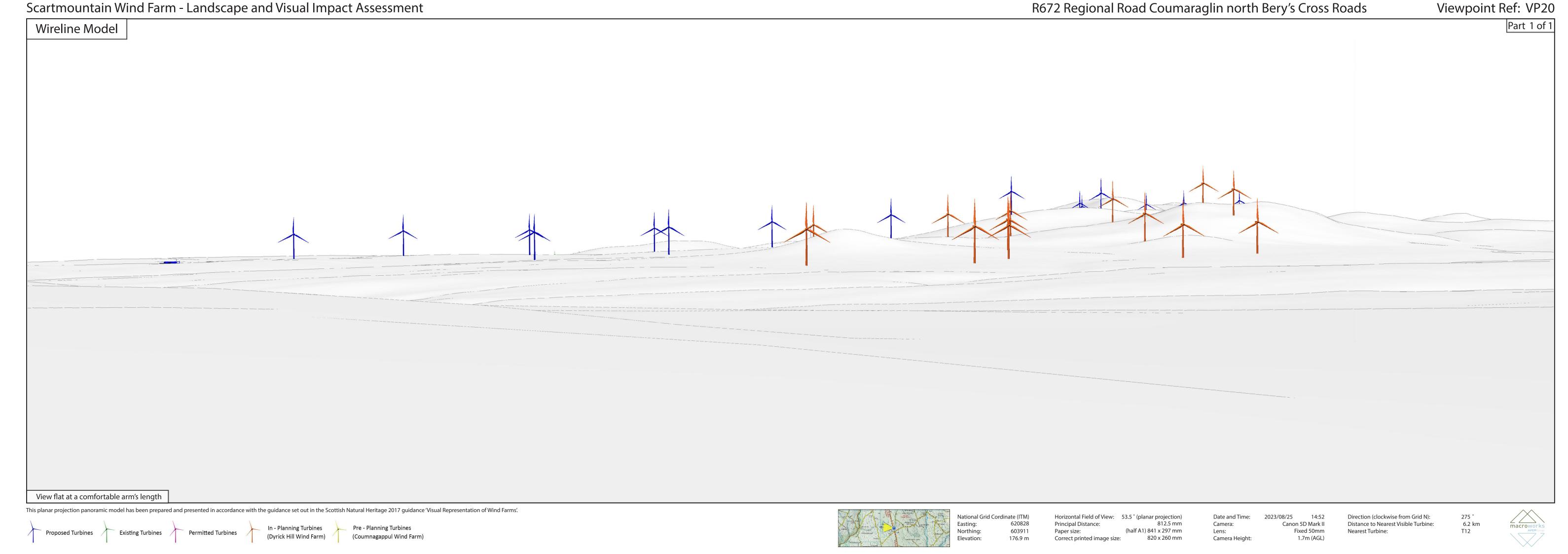
1.7m (AGL)

Canon 5D Mark II Fixed 50mm Nearest Turbine:

Distance to Nearest Visible Turbine:







Scartmountain Wind Farm - Landscape and Visual Impact Assessment

R672 Regional Road Coumaraglin north Bery's Cross Roads

Viewpoint Ref: VP20

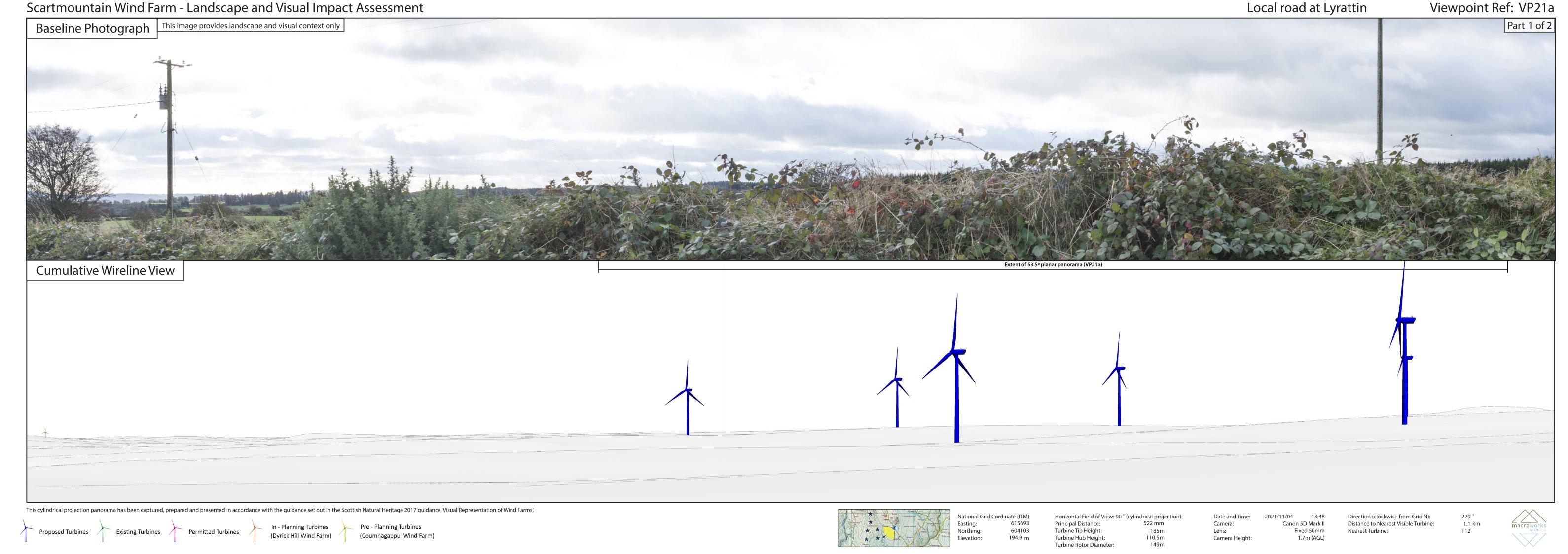




Canon 5D Mark II Fixed 50mm 1.7m (AGL)

Distance to Nearest Visible Turbine:







Scartmountain Wind Farm - Landscape and Visual Impact Assessment Viewpoint Ref: VP21

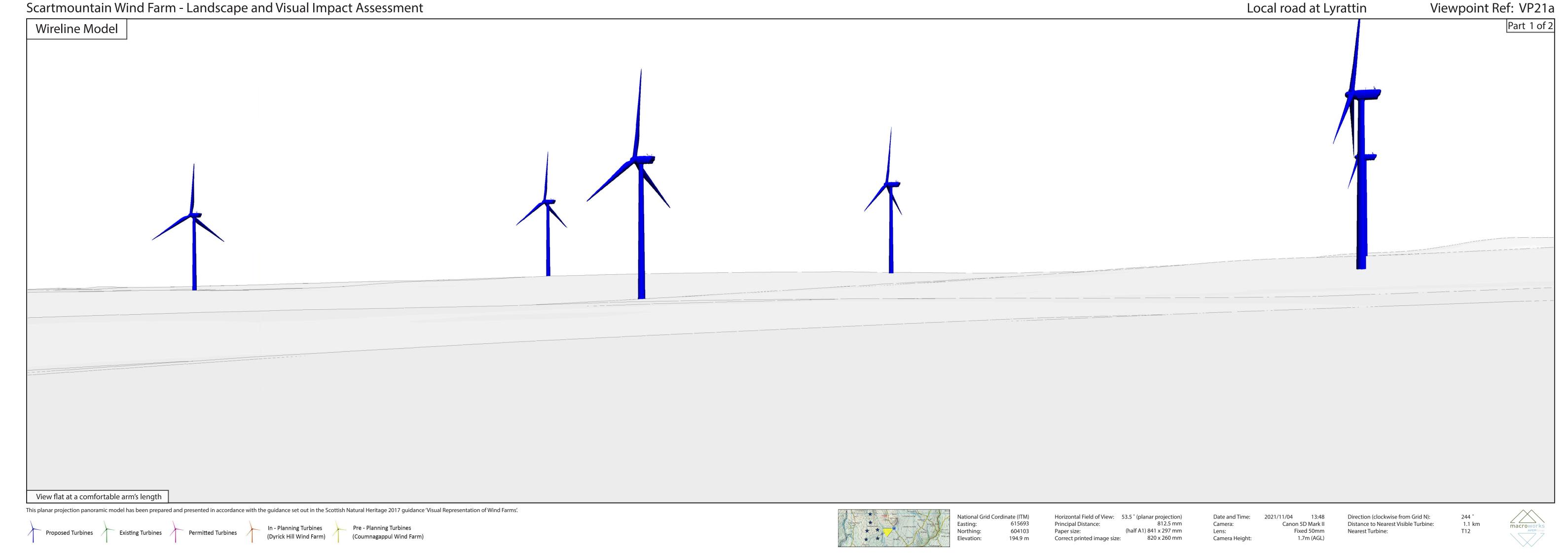




Horizontal Field of View: 180 ° (cylindrical projection)
Turbine Tip Height: 185m
Turbine Hub Height: 104m
Turbine Roter Diameter: 162m

Date and Time: Camera: Lens: Camera Height: 2021/11/04 13:48 Canon 5D Mark II Fixed 50mm 1.7m (AGL)

Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Nearest Turbine: macr



Scartmountain Wind Farm - Landscape and Visual Impact Assessment Local road at Lyrattin Viewpoint Ref: VP21a

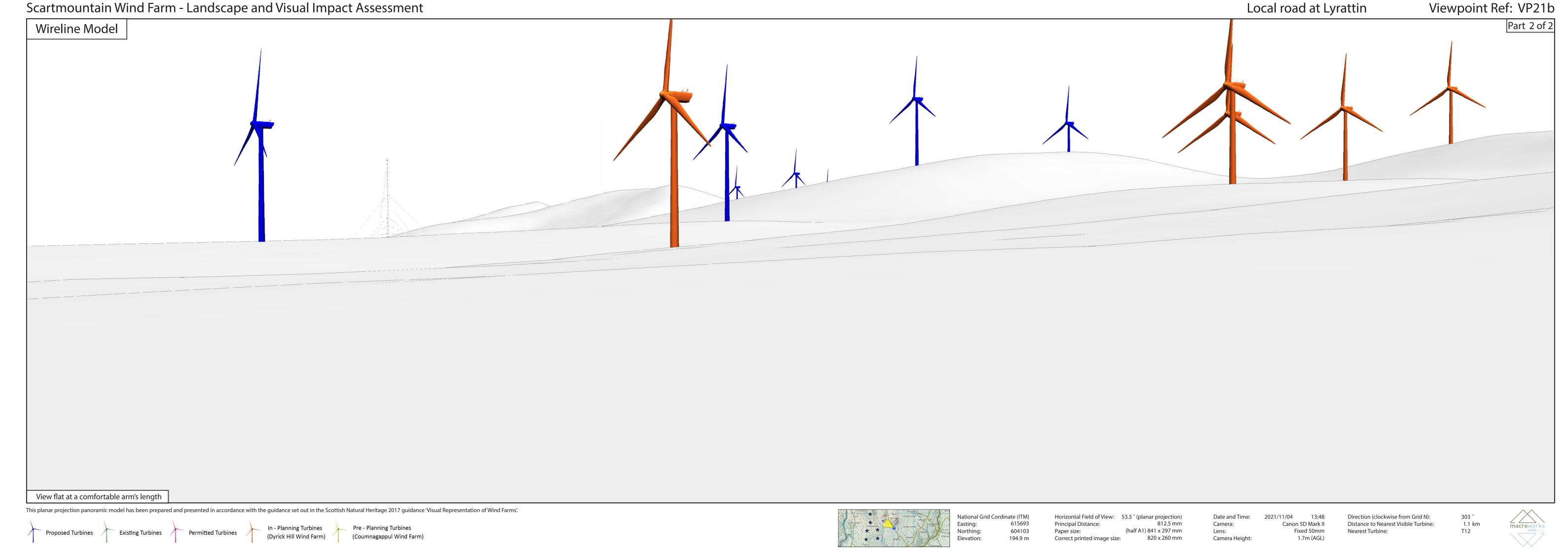






Date and Time: 2021/11/04 13:48
Camera: Canon 5D Mark II
Lens: Fixed 50mm





Scartmountain Wind Farm - Landscape and Visual Impact Assessment Viewpoint Ref: VP21b



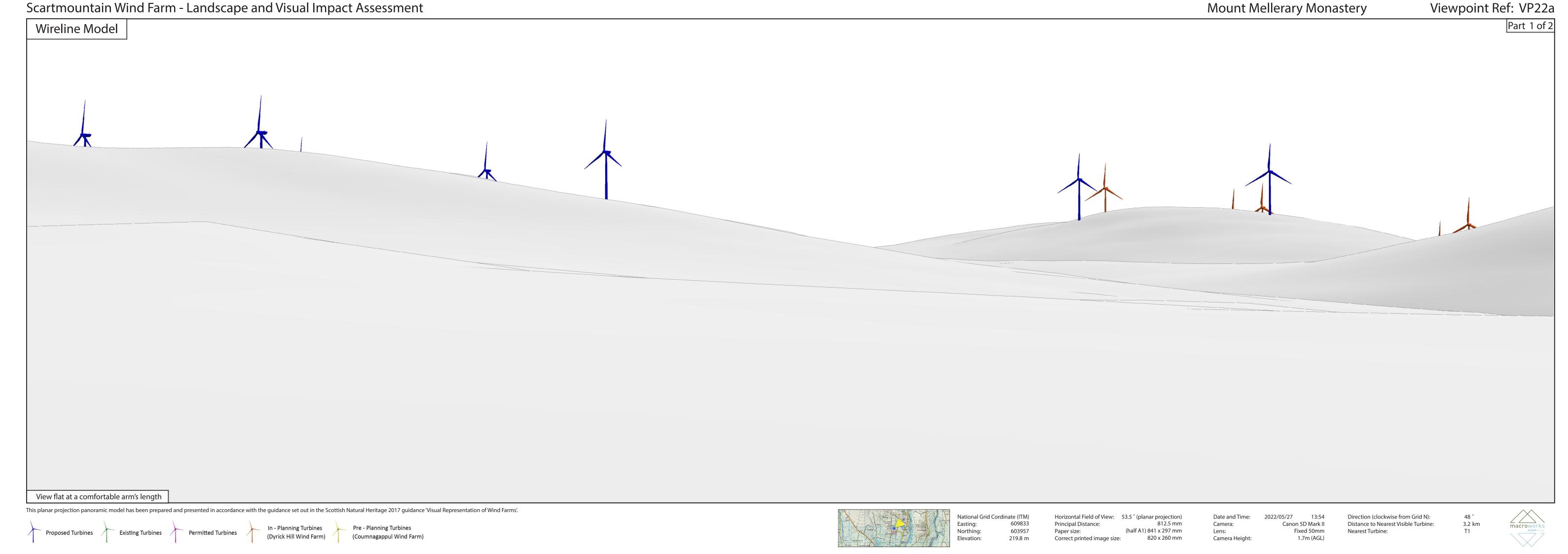




Date and Time: Camera: Lens: Camera Height:

2021/11/04 13: Canon 5D Mark Fixed 50m 1 7 m (AG Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Nearest Turbine: km ma





Scartmountain Wind Farm - Landscape and Visual Impact Assessment Mount Mellerary Monastery Viewpoint Ref: VP22a



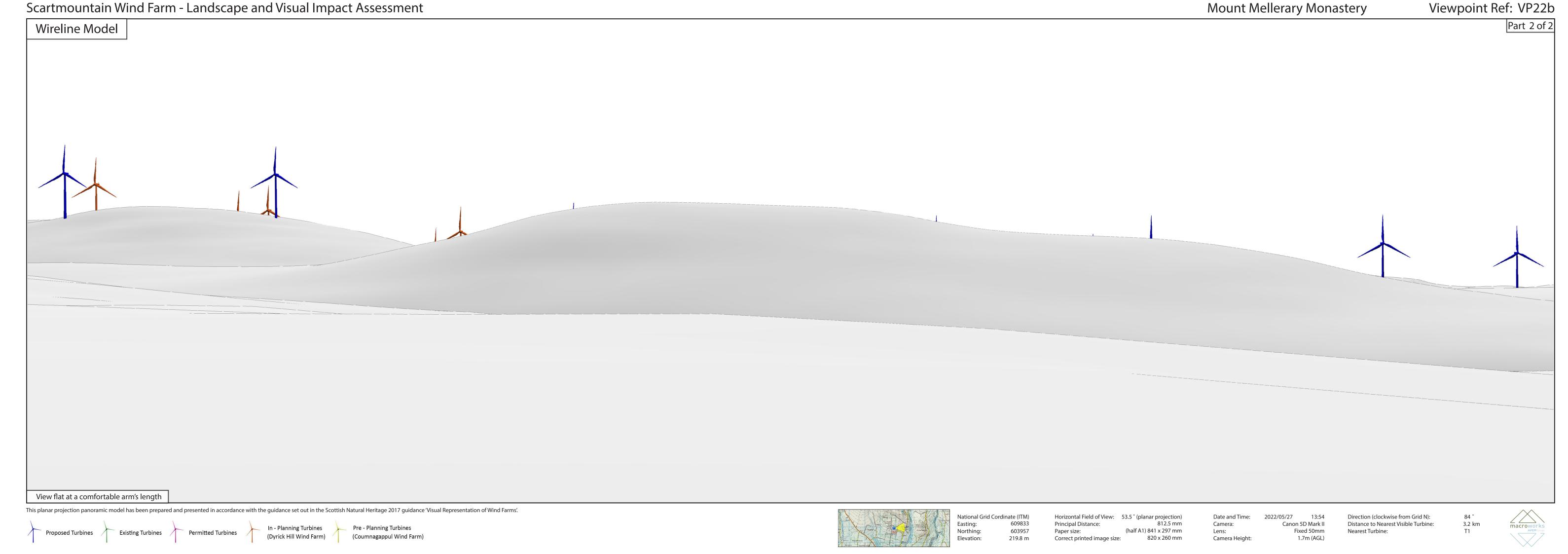




Fixed 50mm 1.7m (AGL)

Distance to Nearest Visible Turbine: Nearest Turbine:





Scartmountain Wind Farm - Landscape and Visual Impact Assessment Mount Mellerary Monastery Viewpoint Ref: VP22b

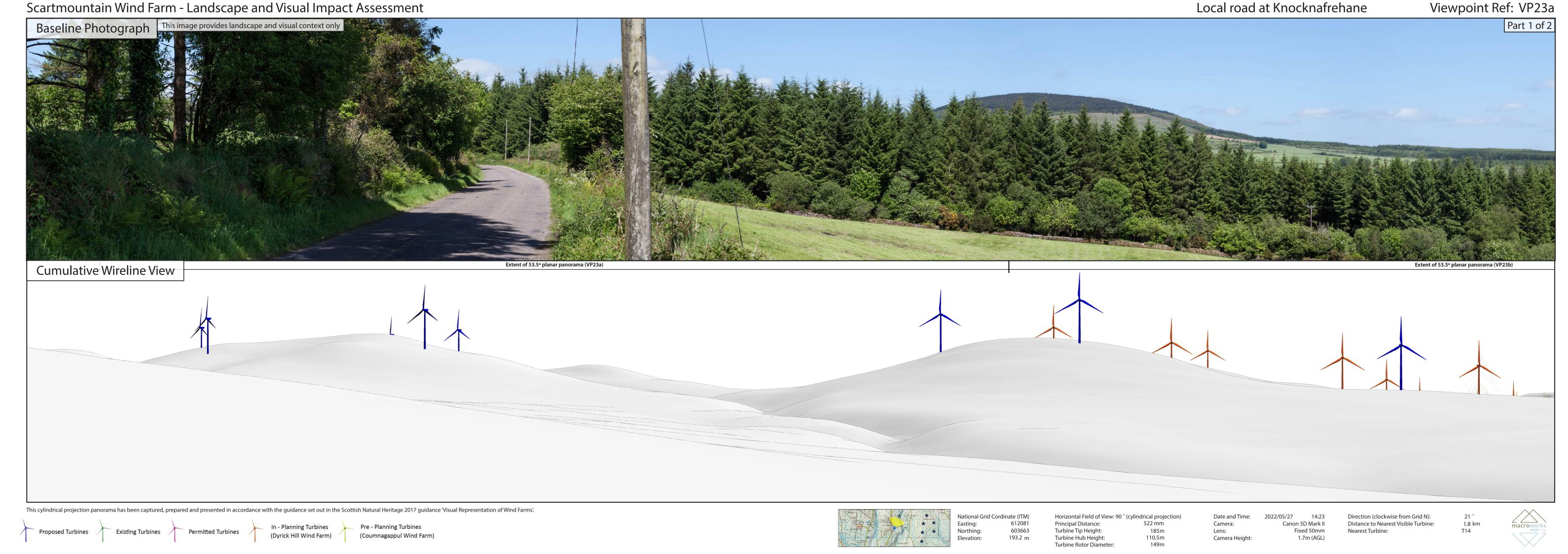


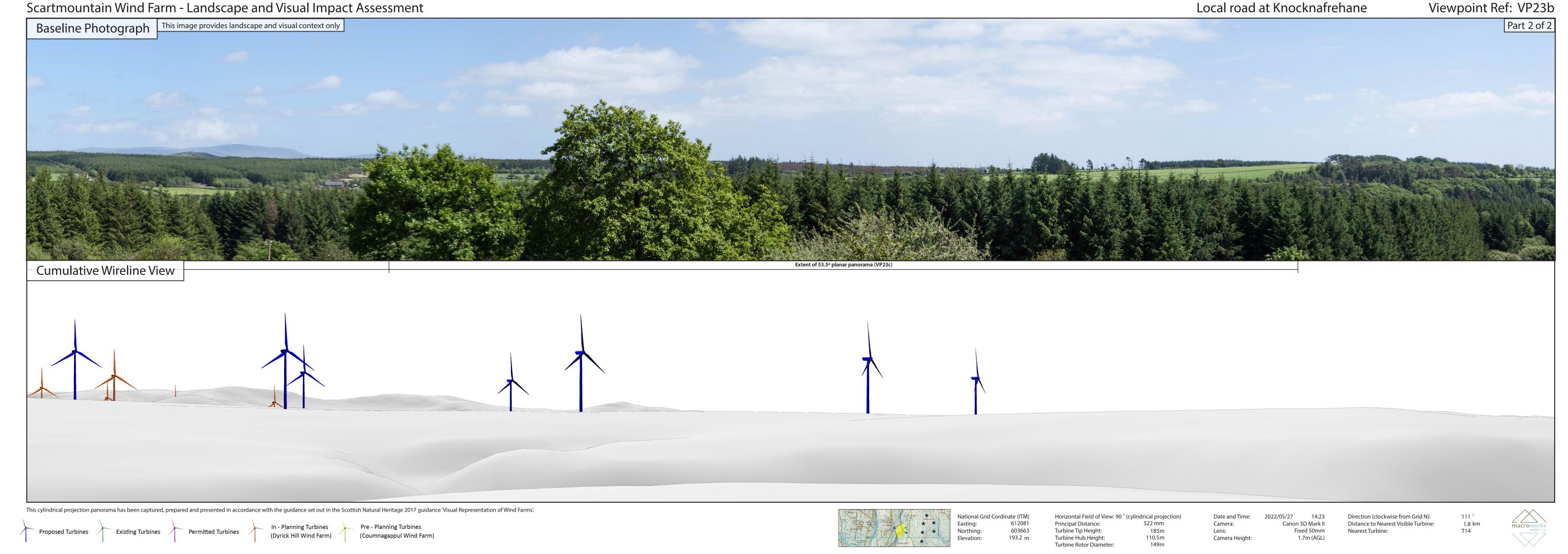




Fixed 50mm 1.7m (AGL) Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Nearest Turbine:







Scartmountain Wind Farm - Landscape and Visual Impact Assessment

Contextual Photomontage

Part 1 of 1

Part 1 of 1

Extent of 53.5° planar panorama (VP23b)

Extent of 53.5° planar panorama (VP23a)

Extent of 90° cylindrical panorama (VP23a)



National Grid Cordinate (ITM)
Easting: 61
Northing: 60

Horizontal Field of View: 180 ° (cylindrical projection)
Turbine Tip Height: 185m
Turbine Hub Height: 104m
Turbine Rotor Diameter: 162m

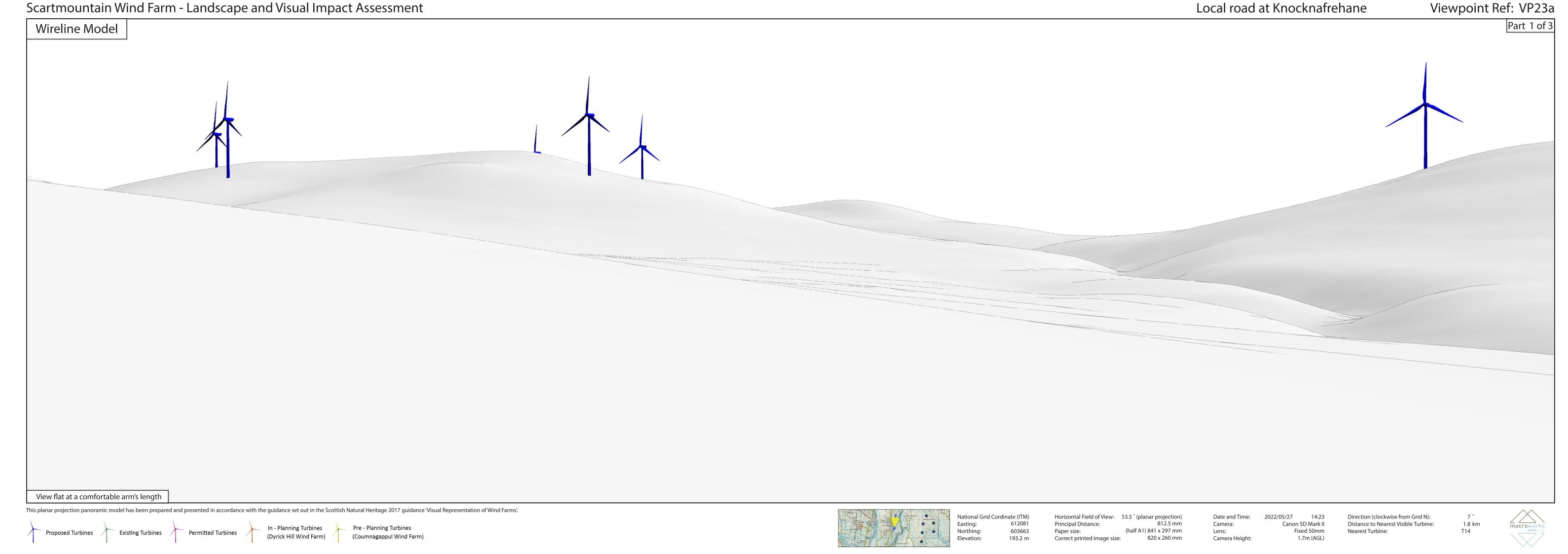
Date and Time: Camera: Lens:

Extent of 53.5° planar panorama (VP23c)

Extent of 90° cylindrical panorama (VP23b)

2022/05/27 14:23 Canon 5D Mark II Fixed 50mm 1.7m (AGL) Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Nearest Turbine:

66 ° 1.8 km T14



Scartmountain Wind Farm - Landscape and Visual Impact Assessment Local road at Knocknafrehane Viewpoint Ref: VP23a





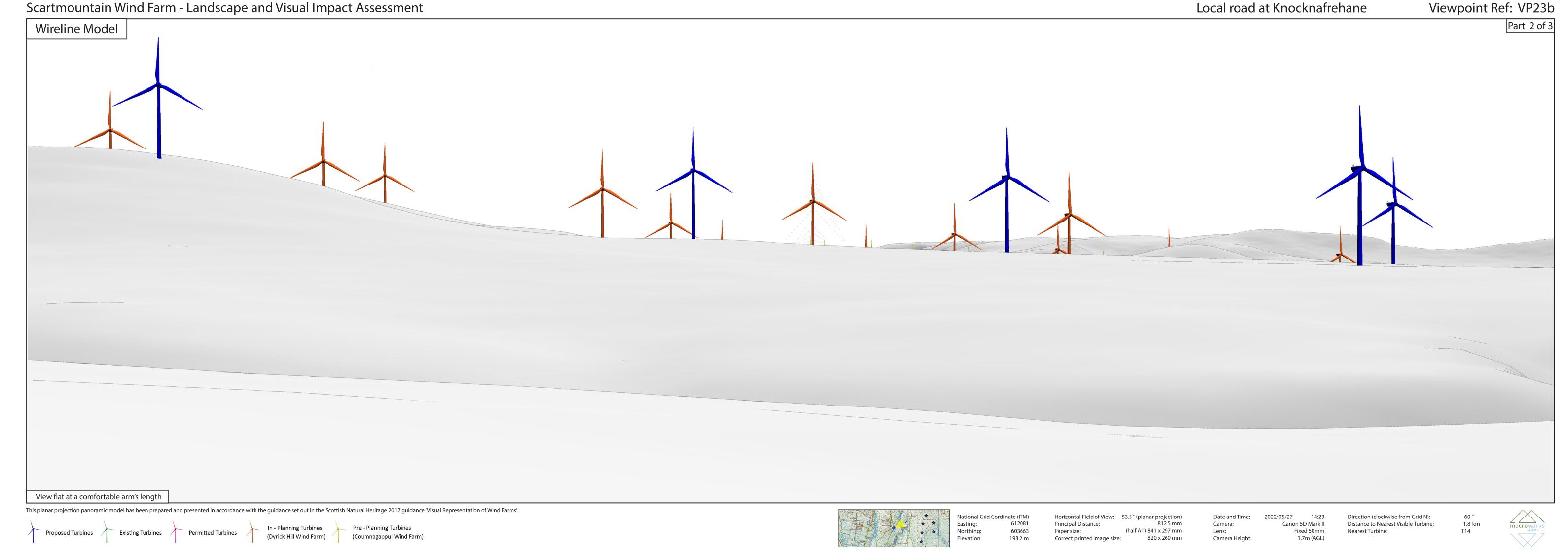


1.7m (AGL)

Fixed 50mm Nearest Turbine:

Distance to Nearest Visible Turbine:





Scartmountain Wind Farm - Landscape and Visual Impact Assessment Local road at Knocknafrehane Viewpoint Ref: VP23b

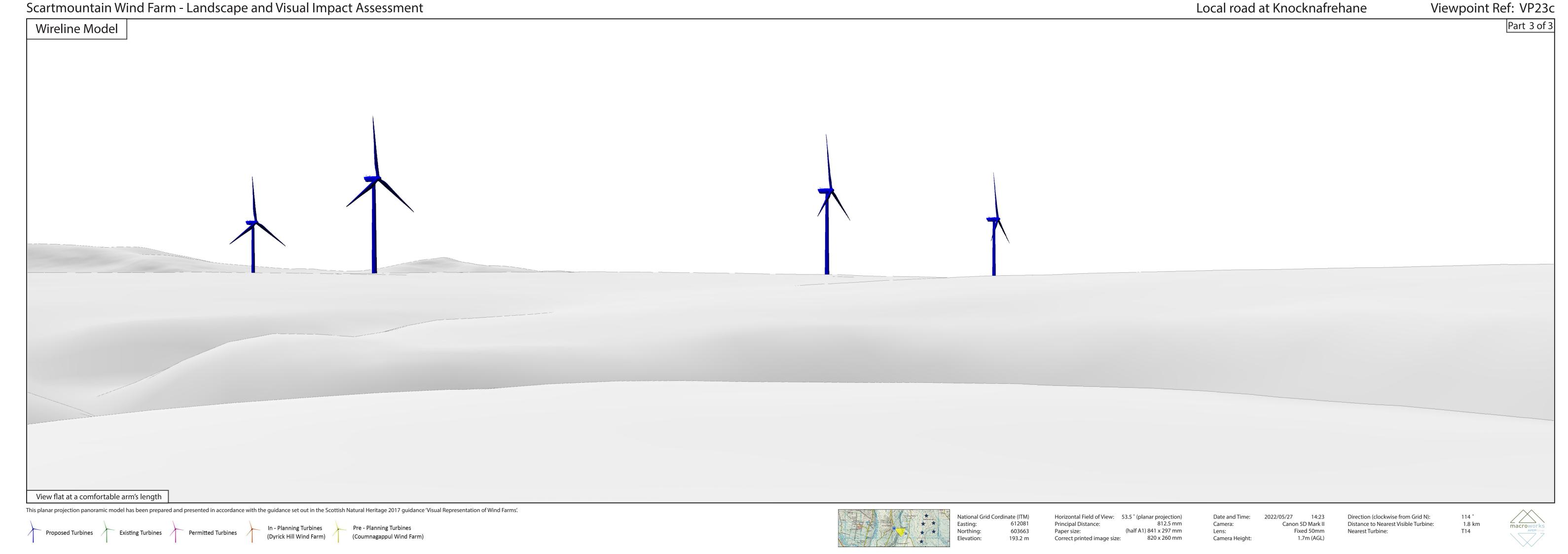






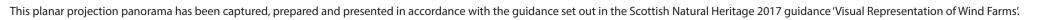
Fixed 50mm 1.7m (AGL) Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Nearest Turbine:





Scartmountain Wind Farm - Landscape and Visual Impact Assessment Local road at Knocknafrehane Viewpoint Ref: VP23c







Canon 5D Mark II Fixed 50mm 1.7m (AGL)

Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Nearest Turbine:

