

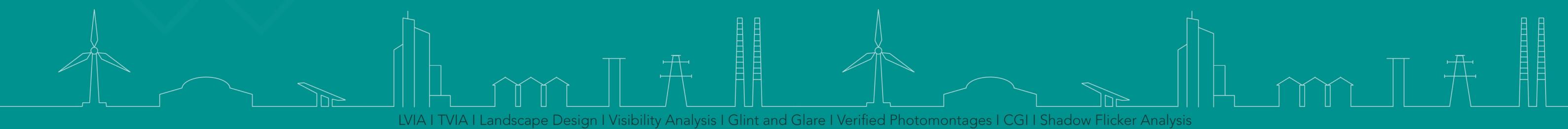
macroworks

LVIA PHOTOMONTAGES

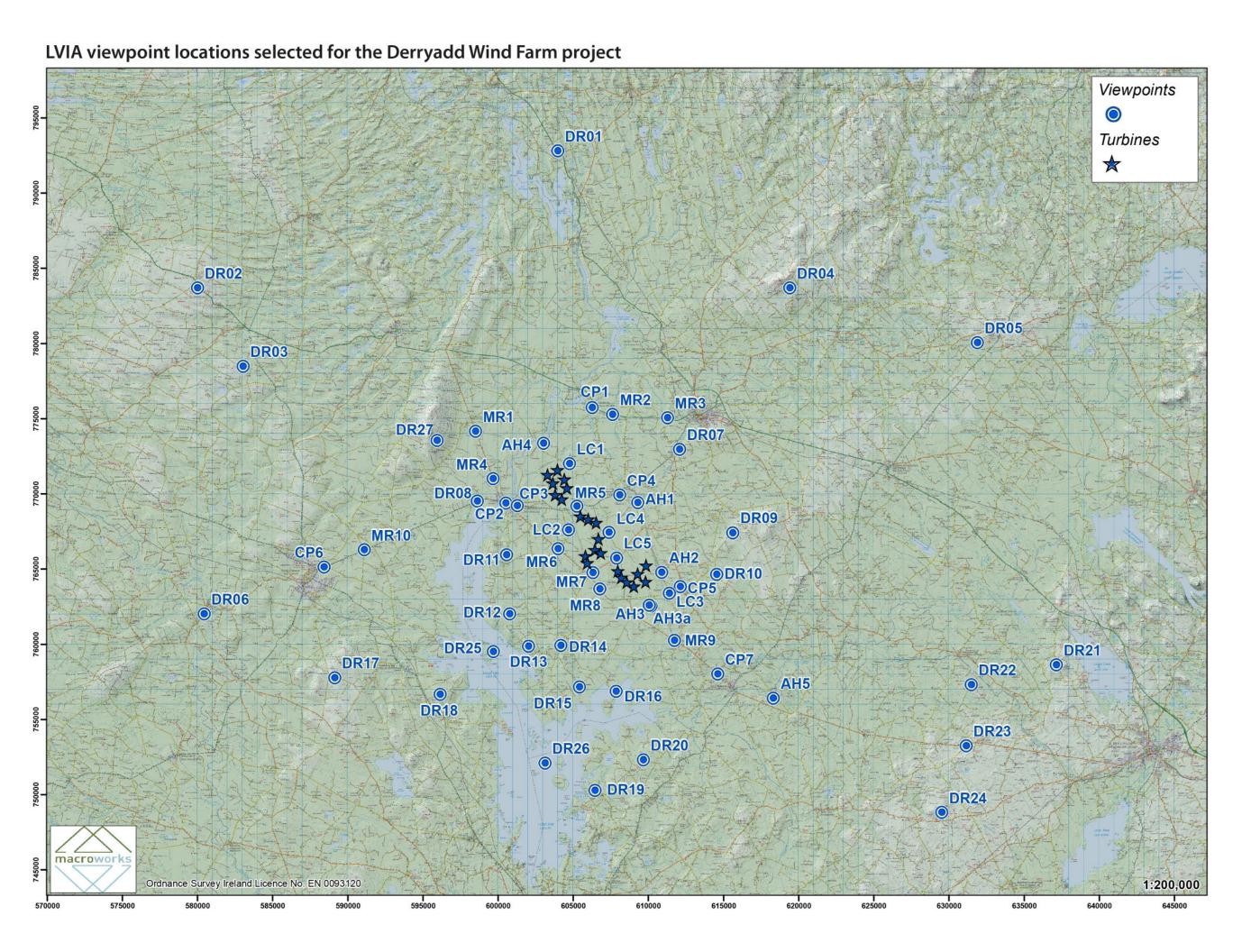
Derryadd Wind Farm Book 3: LC4 - MR4

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

March 2025



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LC4: Local road at Derryadd

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CP6: Roscommon Town

Page 1: Baseline (Contextual Wireline and Photo)

*Please Note: The proposed wind farm is not visible from this

viewpoint as it is completely screened by terrain and/or existing vegetation

CP7: Ballymahon

- Page 1: Baseline (Contextual Wireline and Photo)
- Page 2: Wireline
- Page 3: Photomontage

MR1: R371 south of Curraghroe

- Page 1: Baseline (Contextual Wireline and Photo)
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MR2: N5 east of Cloondara

- Page 1: Baseline (Contextual Wireline and Photo)
- *Please Note: The proposed wind farm is not visible from this

viewpoint as it is completely screened by terrain and/or existing vegetation

MR3: N5 west of Longford

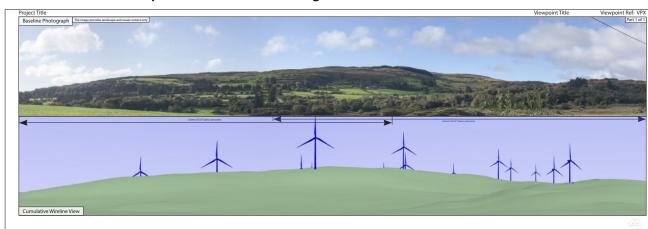
- Page 1: Baseline (Contextual Wireline and Photo)
- Page 2: Wireline
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MR4: R371 northwest of Lanesborough

- Page 1: Baseline (Contextual Wireline and Photo)
- Page 2: Wireline
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How photomontages are presented for each viewpoint

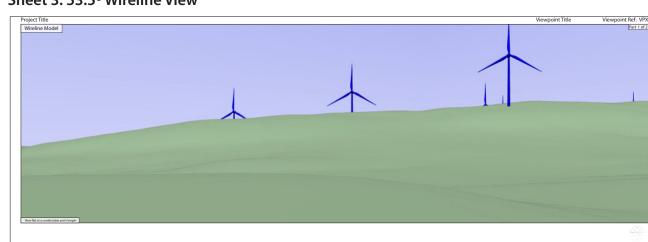
Sheet 1: 90° Baseline panorama and matching wireline



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 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.

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

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

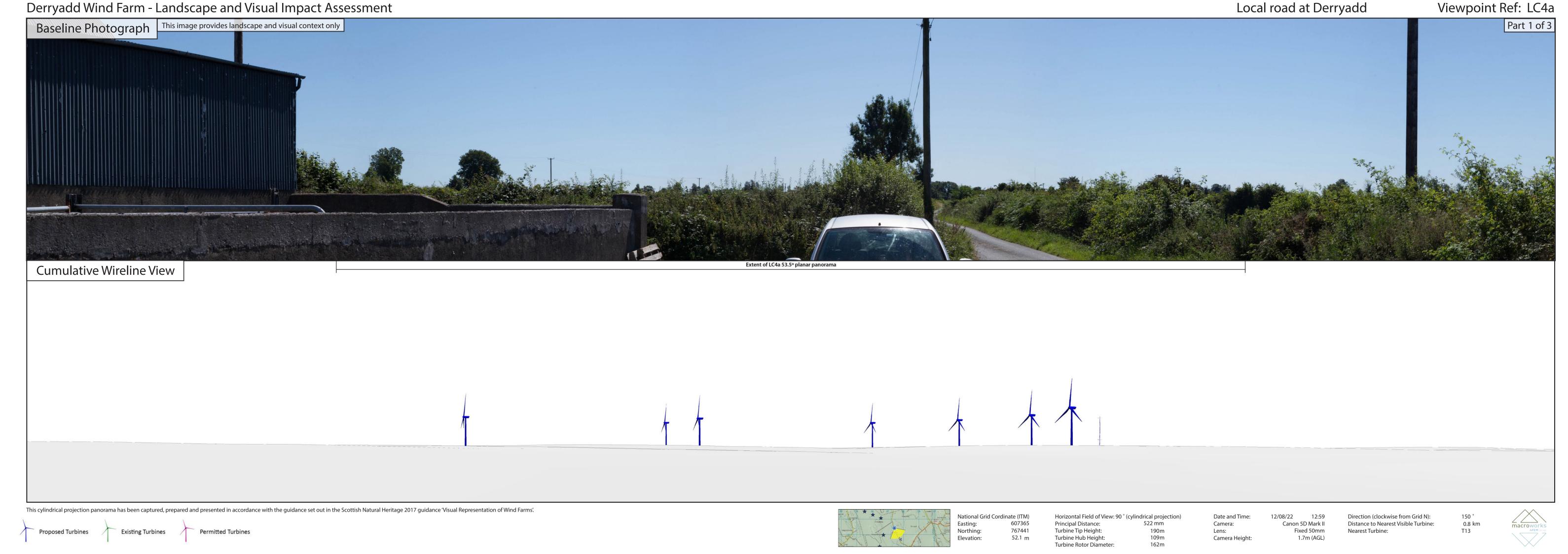
context. The baseline panorama is not intended to represent how large or small the turbines will appear in reality or how close they will appear to the viewer.

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.

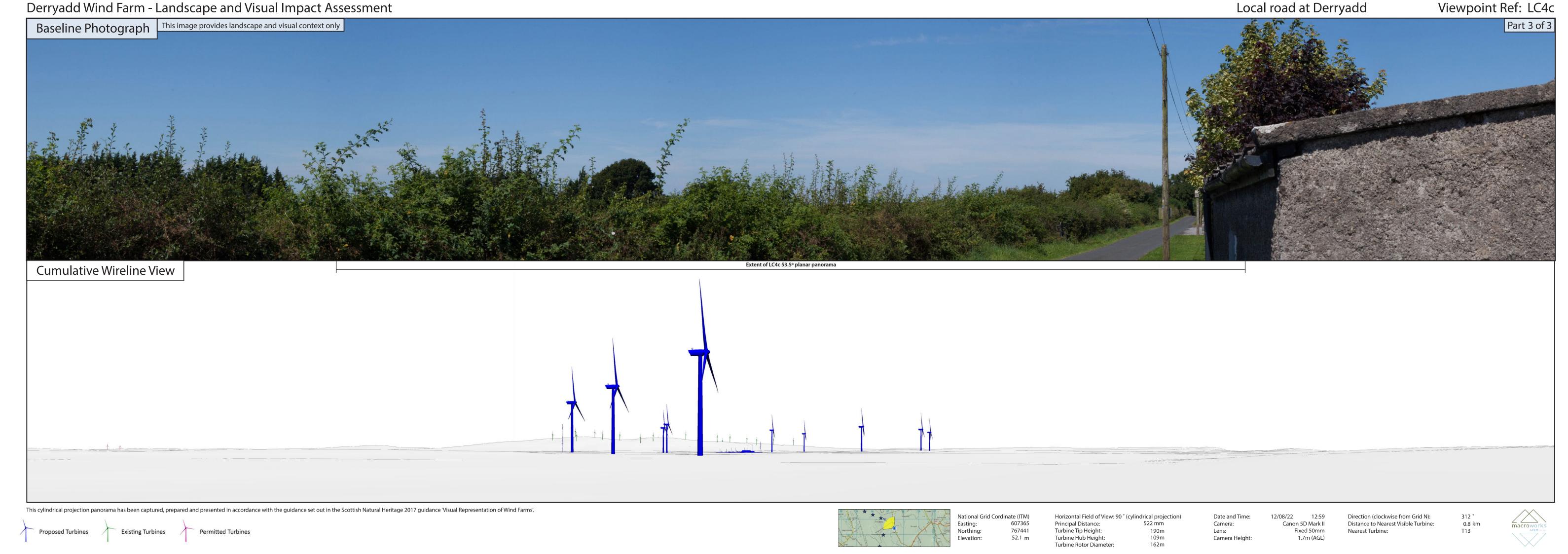
It illustrates the 'bare ground' visibility and a provide a clear view of the wind farm to inform the assessment. Only images at this scale, held at a comfortable arms length, should be used when trying to understand the size of the development and its distance from the viewpoint.

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.









Derryadd Wind Farm - Landscape and Visual Impact Assessment

Contextual Photomontage

Part 1 of 1

Part 1 of

Extent of LC4b 90° cylindrical panorama

Extent of LC4a 90° cylindrical panorama



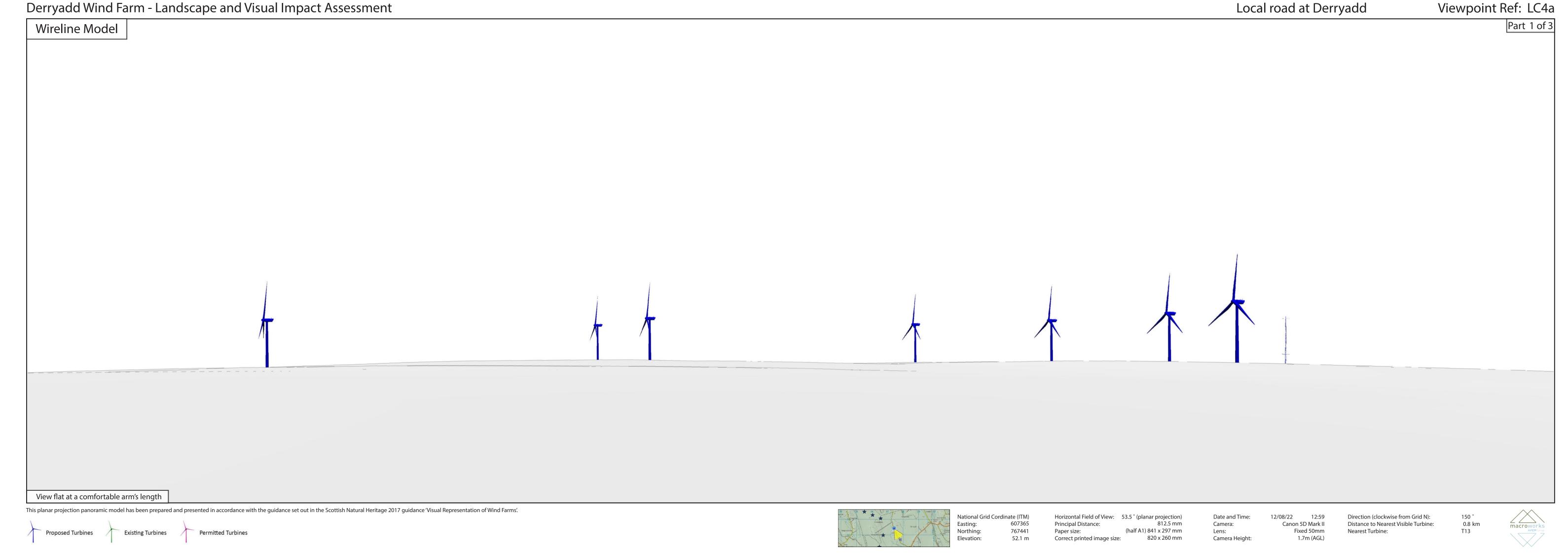
National Grid Cordinate (ITM Easting: 60 Northing: 70

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

Date and Time: Camera: Lens: Camera Height: 00/01/00 12:59 Canon 5D Mark II Fixed 50mm 1.7m (AGL)

Extent of LC4c 90° cylindrical panorama





Derryadd Wind Farm - Landscape and Visual Impact Assessment Local road at Derryadd Viewpoint Ref: LC4a

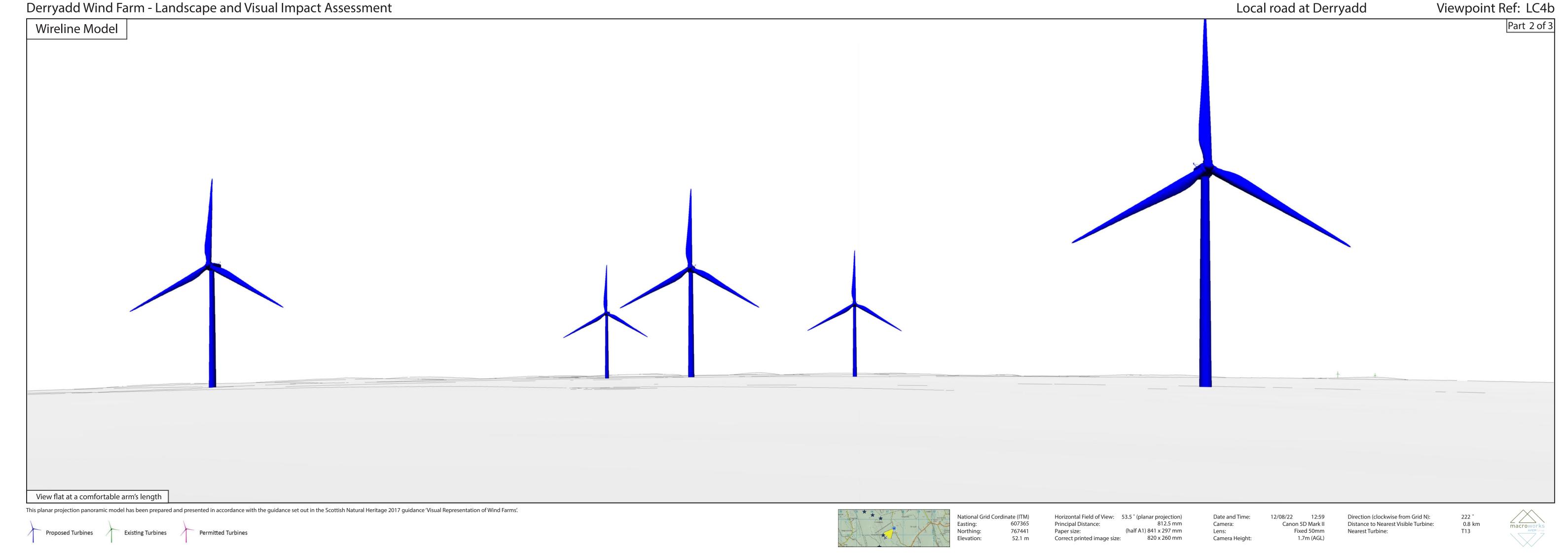






Fixed 50mm 1.7m (AGL)





Derryadd Wind Farm - Landscape and Visual Impact Assessment Local road at Derryadd Viewpoint Ref: LC4b



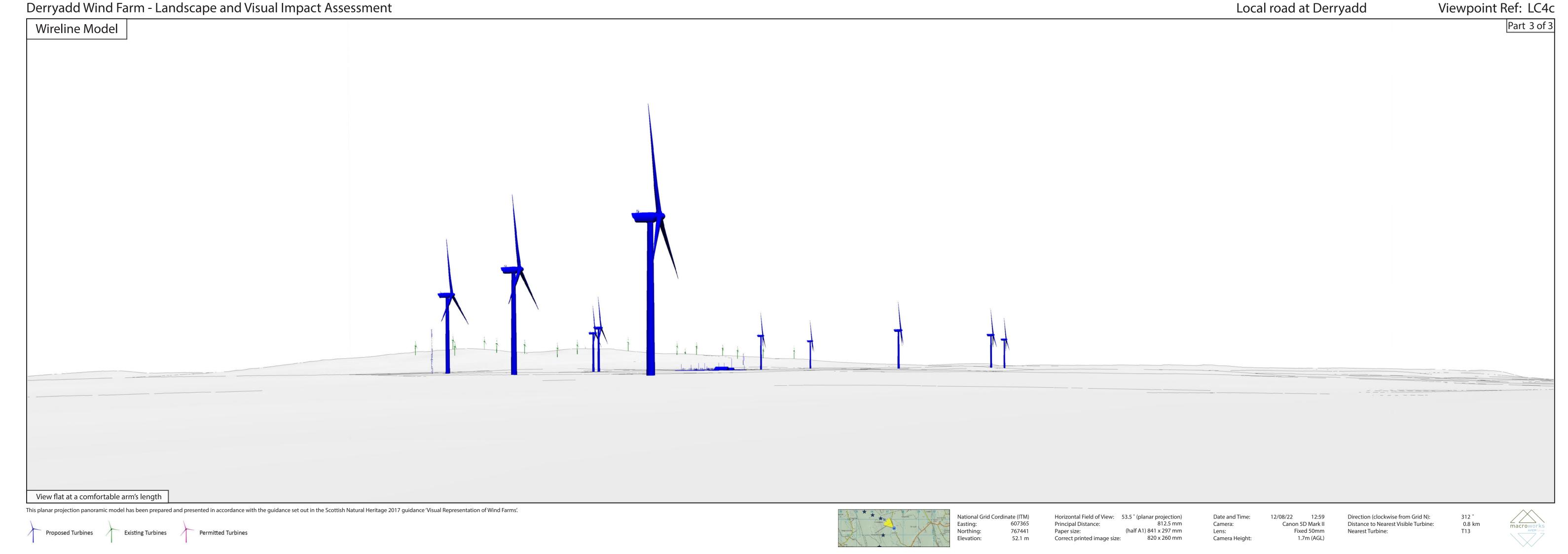
This planar projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



1.7m (AGL)

Canon 5D Mark II Fixed 50mm





Derryadd Wind Farm - Landscape and Visual Impact Assessment Local road at Derryadd Viewpoint Ref: LC4c



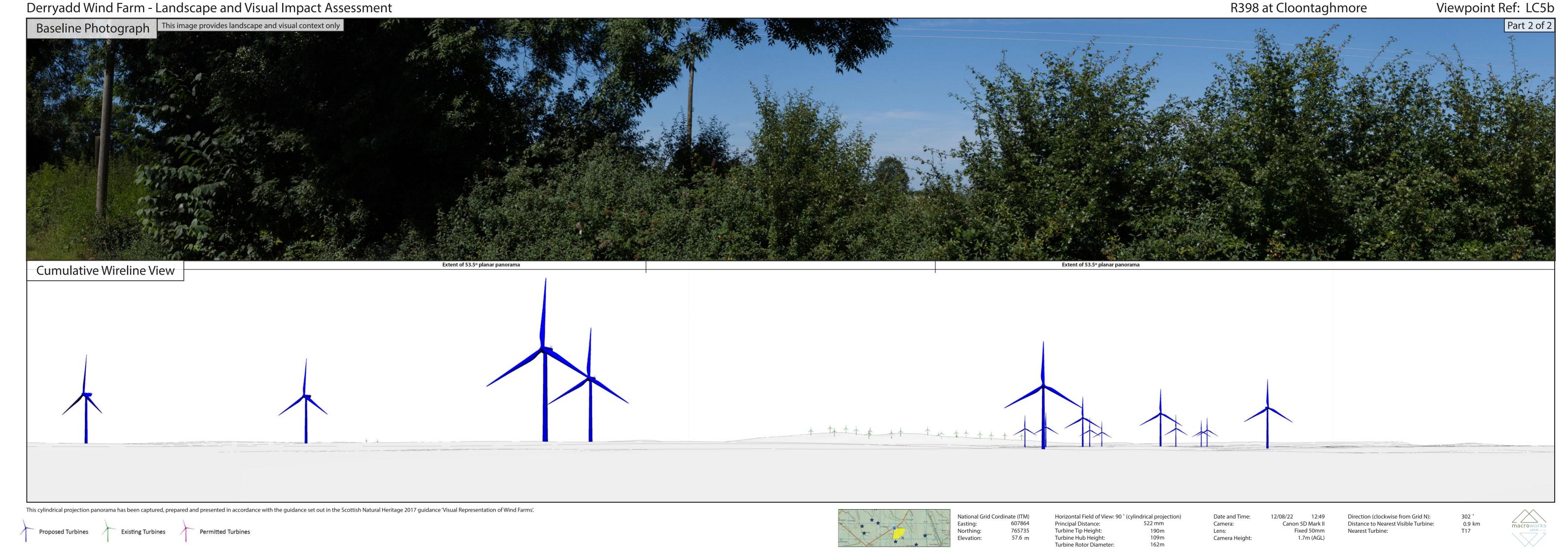


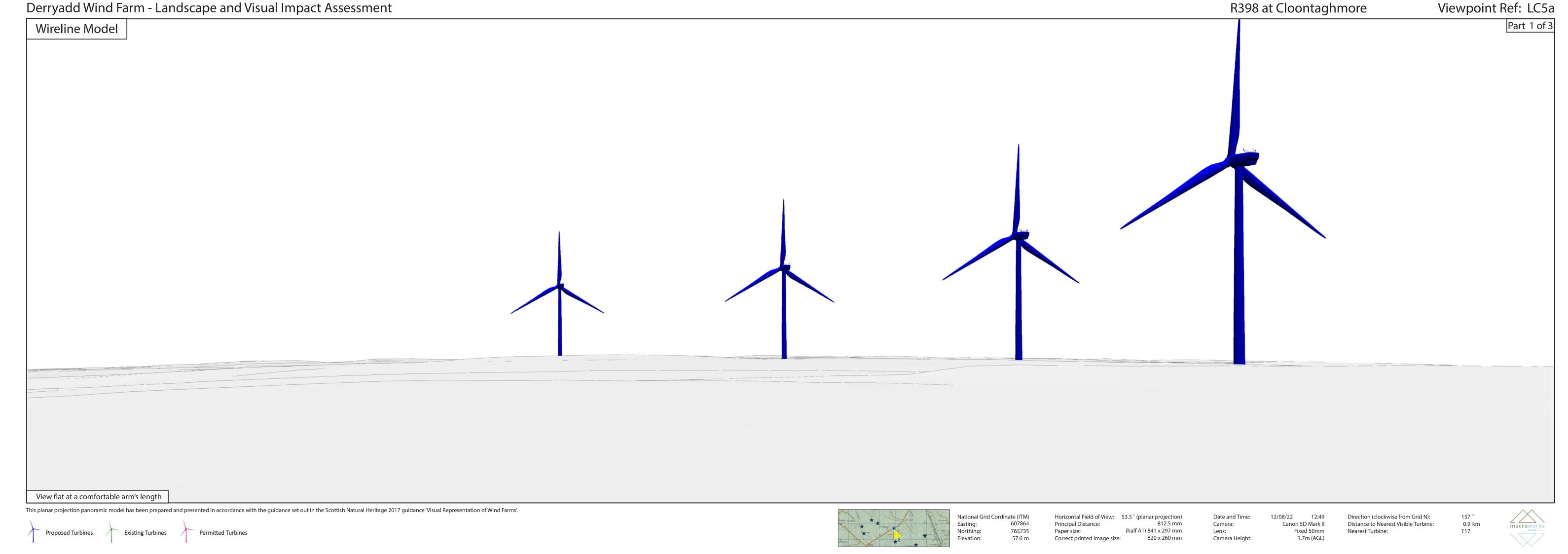


Fixed 50mm 1.7m (AGL)









Derryadd Wind Farm - Landscape and Visual Impact Assessment R398 at Cloontaghmore Viewpoint Ref: LC5a

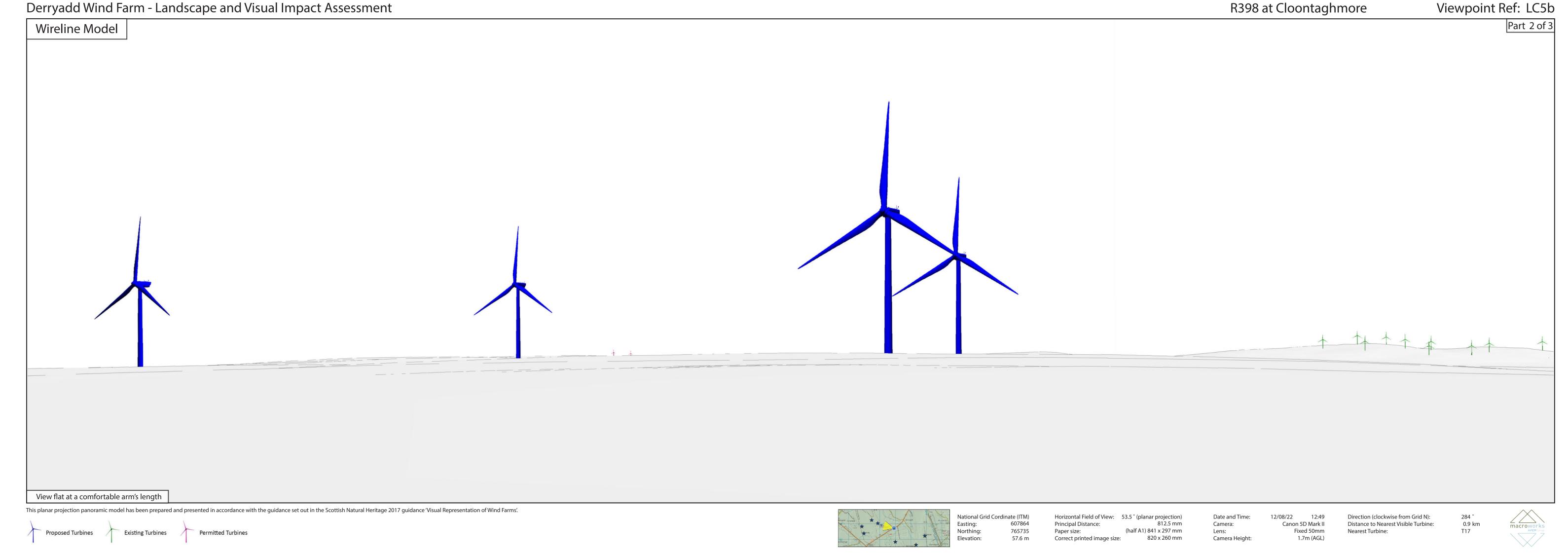


This planar projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



820 x 260 mm

12/08/22 12:49 Canon 5D Mark II Fixed 50mm 1.7m (AGL)



Derryadd Wind Farm - Landscape and Visual Impact Assessment R398 at Cloontaghmore Viewpoint Ref: LC5b







820 x 260 mm

1.7m (AGL)

Canon 5D Mark II Distance to Nearest Visible Turbine: Fixed 50mm Nearest Turbine:





Derryadd Wind Farm - Landscape and Visual Impact Assessment R398 at Cloontaghmore Viewpoint Ref: LC5c

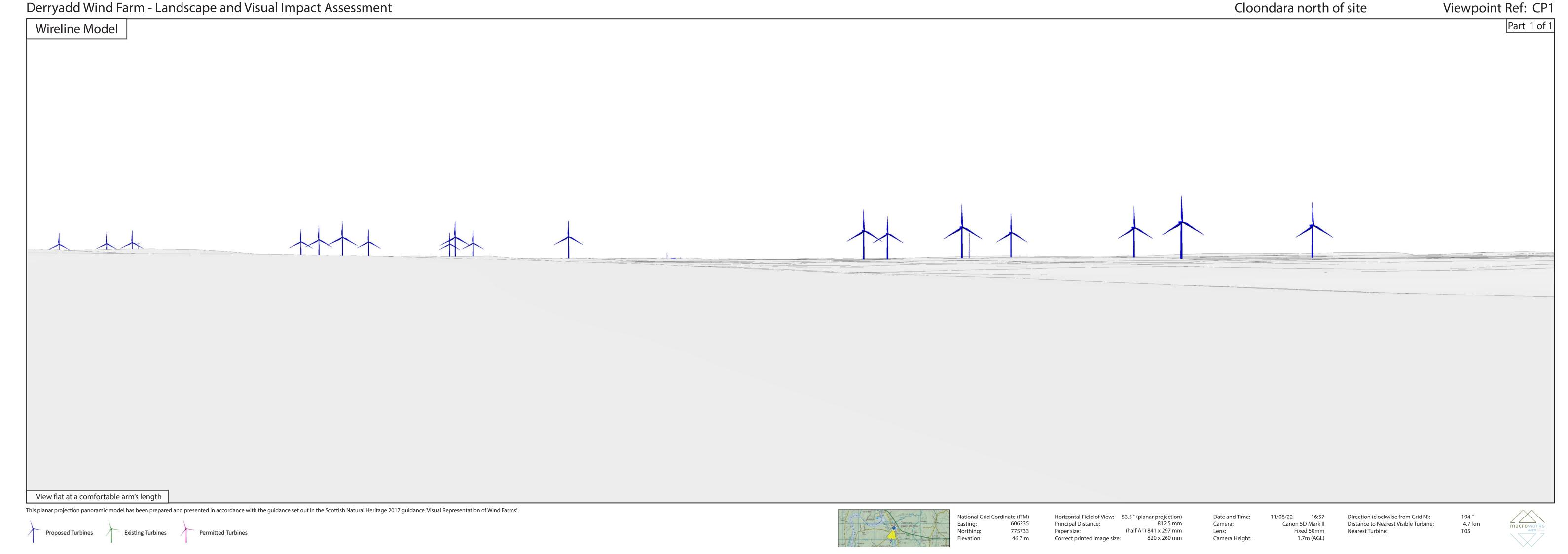


This planar projection panorama has been captured, prepared and presented in accordance with the guidance set out in the Scottish Natural Heritage 2017 guidance 'Visual Representation of Wind Farms'.



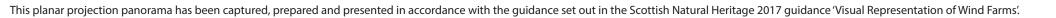
12/08/22 12:49 Canon 5D Mark II Fixed 50mm 1.7m (AGL)





Derryadd Wind Farm - Landscape and Visual Impact Assessment Cloondara north of site Viewpoint Ref: CP1







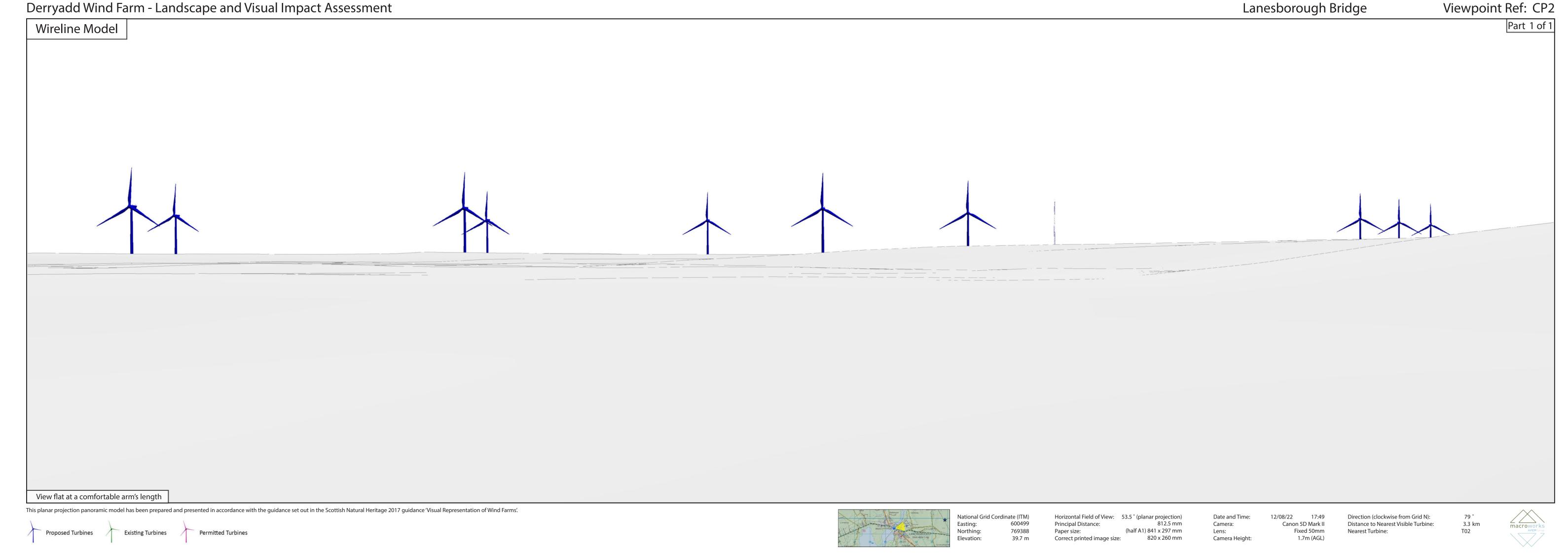
National Grid Cordinate (ITM) Easting: 606235

820 x 260 mm

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







Derryadd Wind Farm - Landscape and Visual Impact Assessment Lanesborough Bridge





820 x 260 mm

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

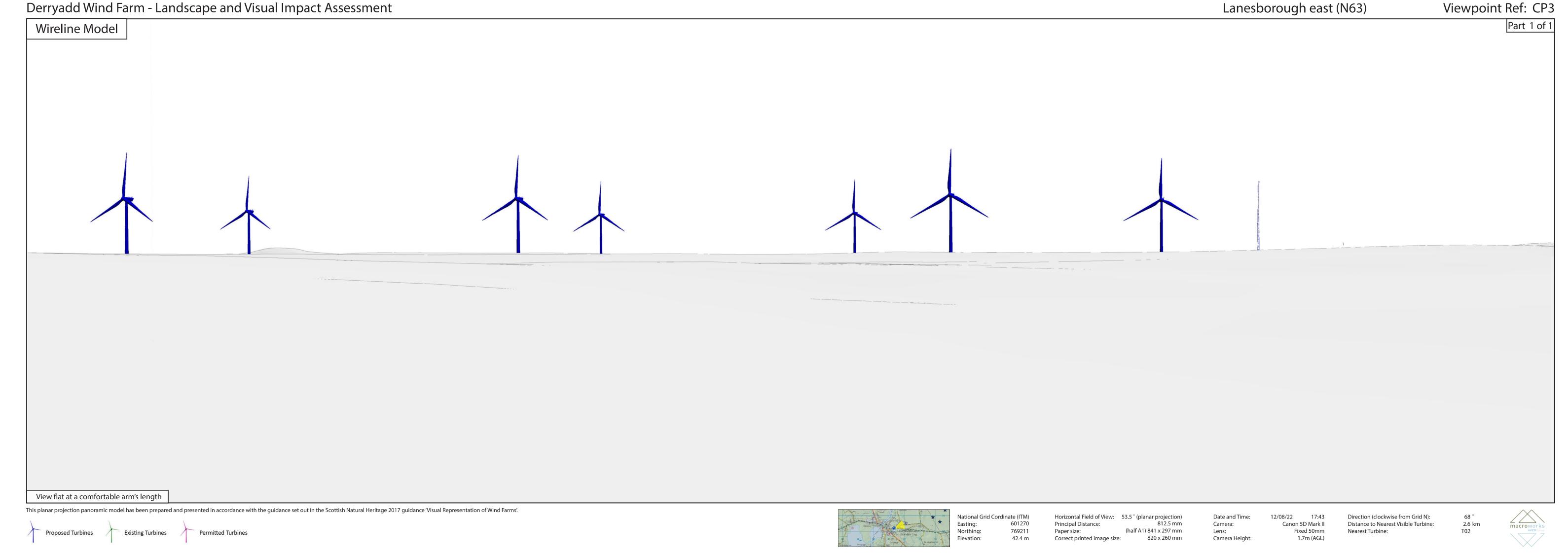
Nearest Turbine:

Distance to Nearest Visible Turbine:



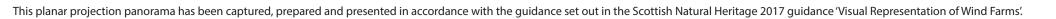
Viewpoint Ref: CP2





Derryadd Wind Farm - Landscape and Visual Impact Assessment Lanesborough east (N63) Viewpoint Ref: CP3







820 x 260 mm

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







Derryadd Wind Farm - Landscape and Visual Impact Assessment Killashee Viewpoint Ref: CP4





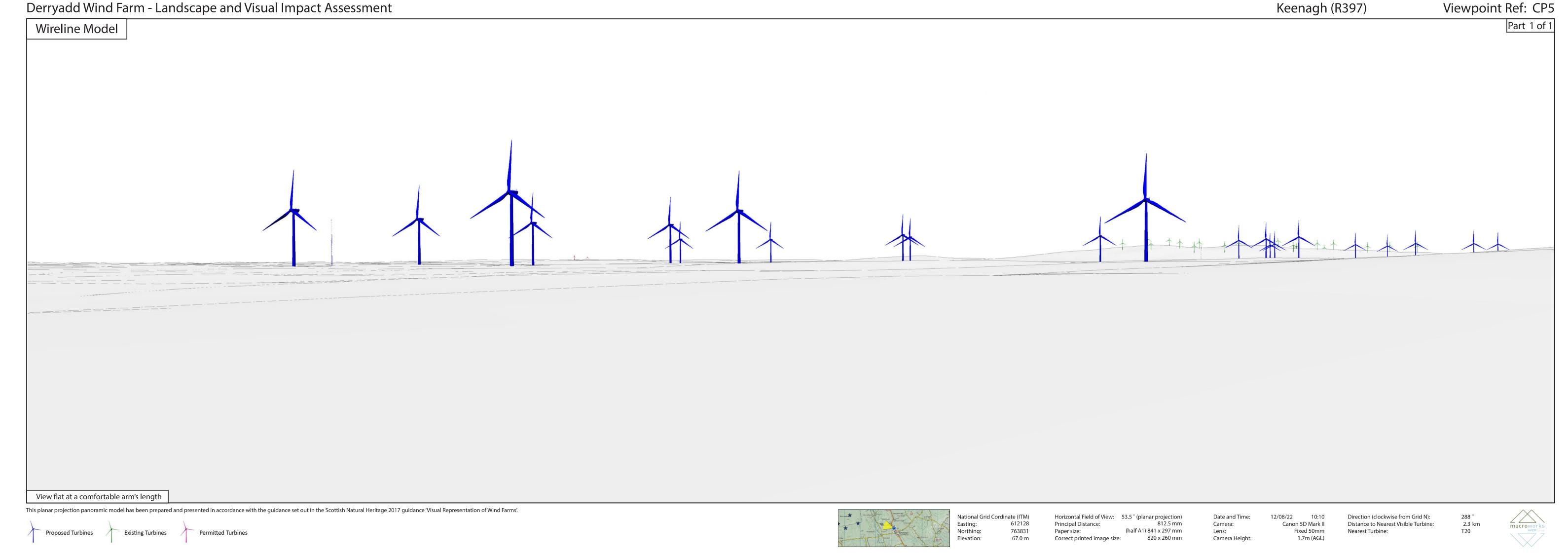


Horizontal Field of View: 53.5 ° (planar projection) Principal Distance: 812.5 mm 820 x 260 mm

Canon 5D Mark II Fixed 50mm 1.7m (AGL) Distance to Nearest Visible Turbine: Nearest Turbine:







Derryadd Wind Farm - Landscape and Visual Impact Assessment Keenagh (R397) Viewpoint Ref: CP5





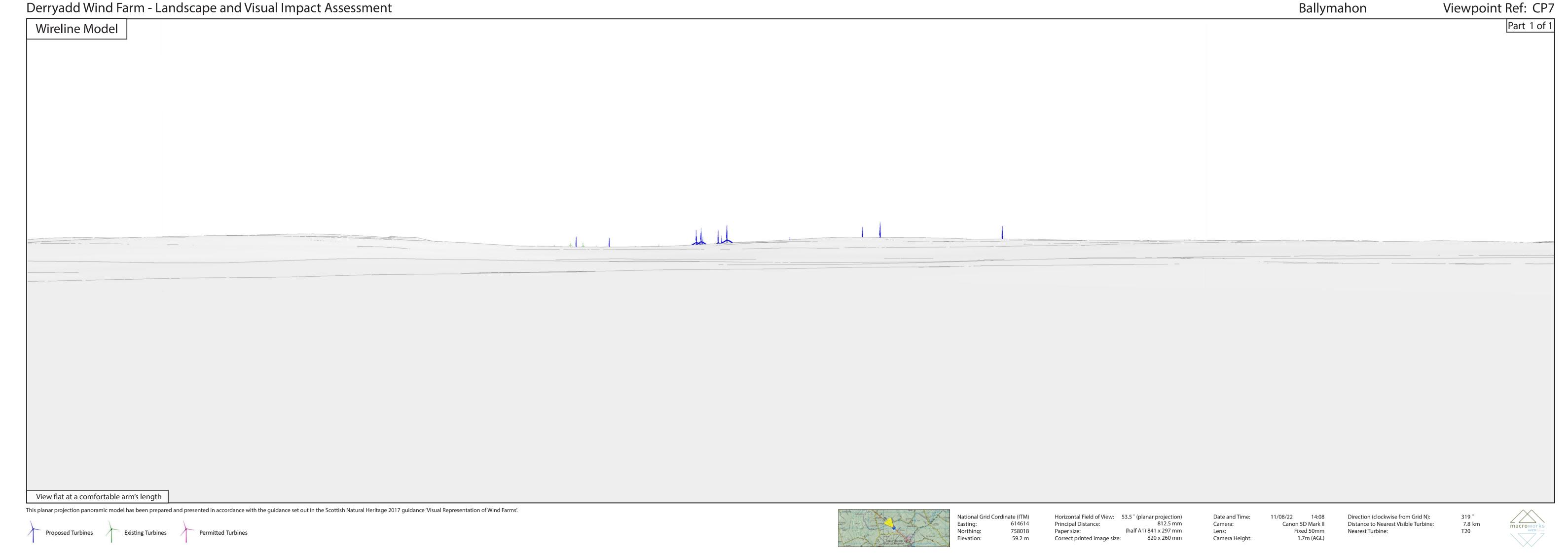
Fixed 50mm 1.7m (AGL)

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



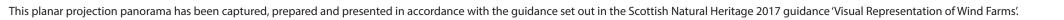






Derryadd Wind Farm - Landscape and Visual Impact Assessment Ballymahon Viewpoint Ref: CP7

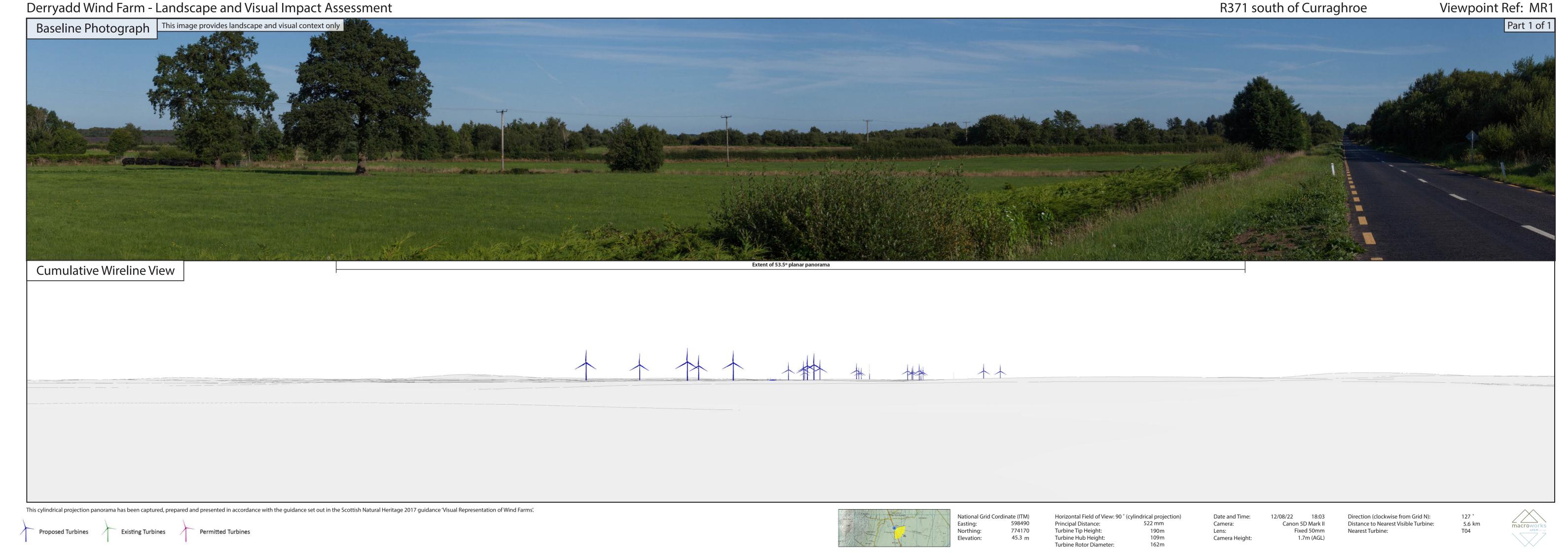


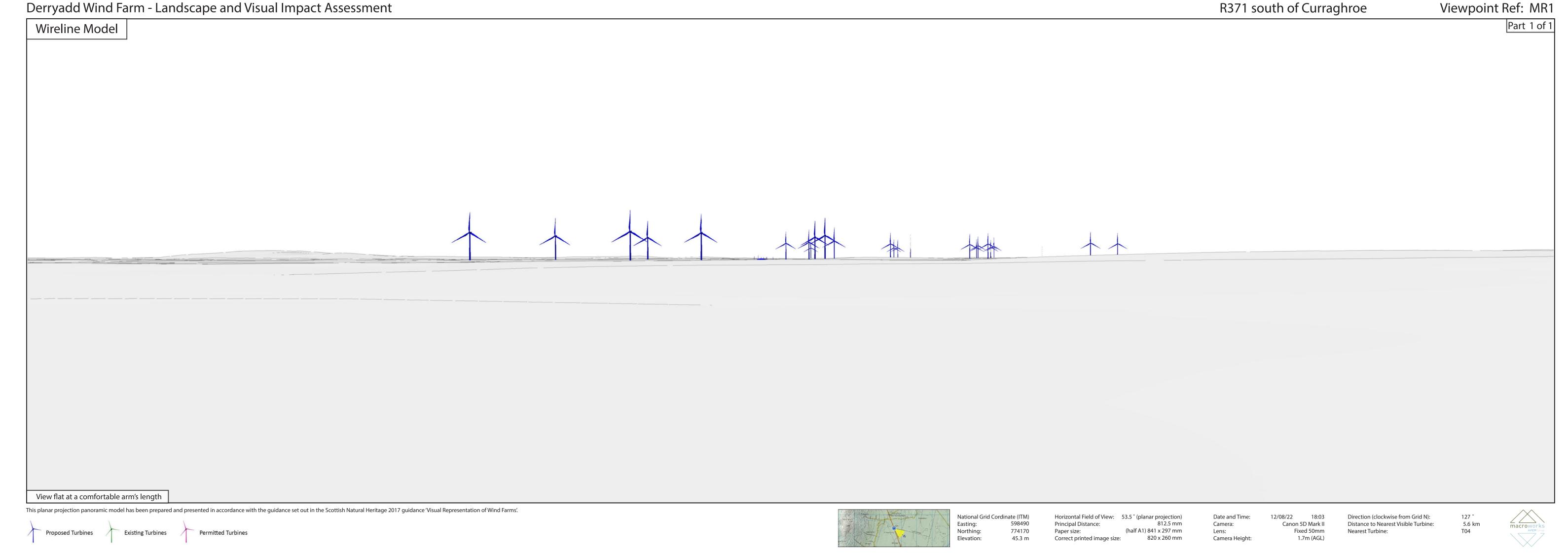




Fixed 50mm 1.7m (AGL) Direction (clockwise from Grid N): Distance to Nearest Visible Turbine: Nearest Turbine:







Derryadd Wind Farm - Landscape and Visual Impact Assessment R371 south of Curraghroe Viewpoint Ref: MR1





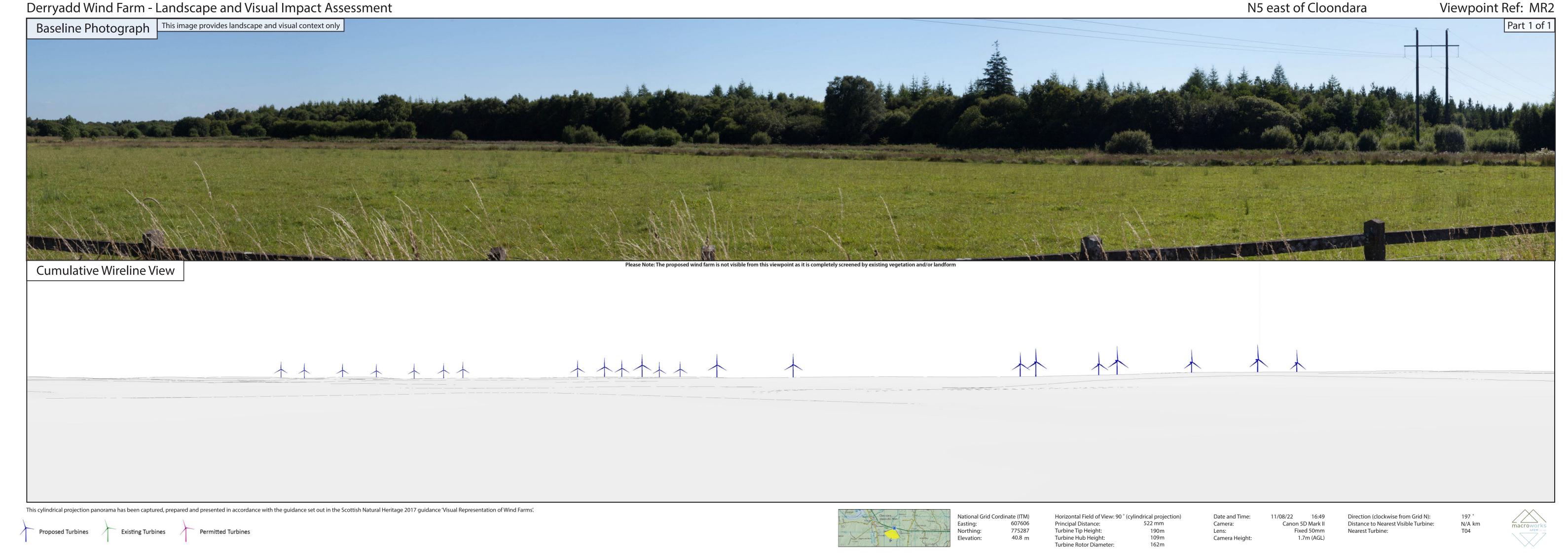


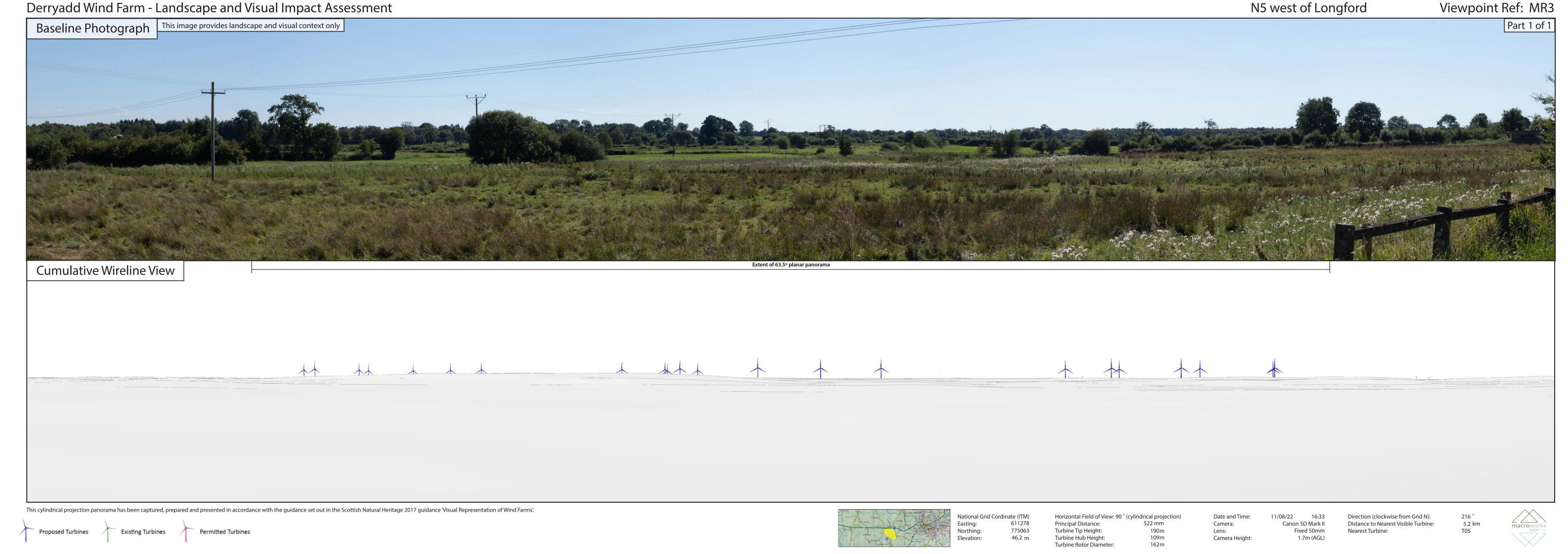
Canon 5D Mark II 1.7m (AGL)

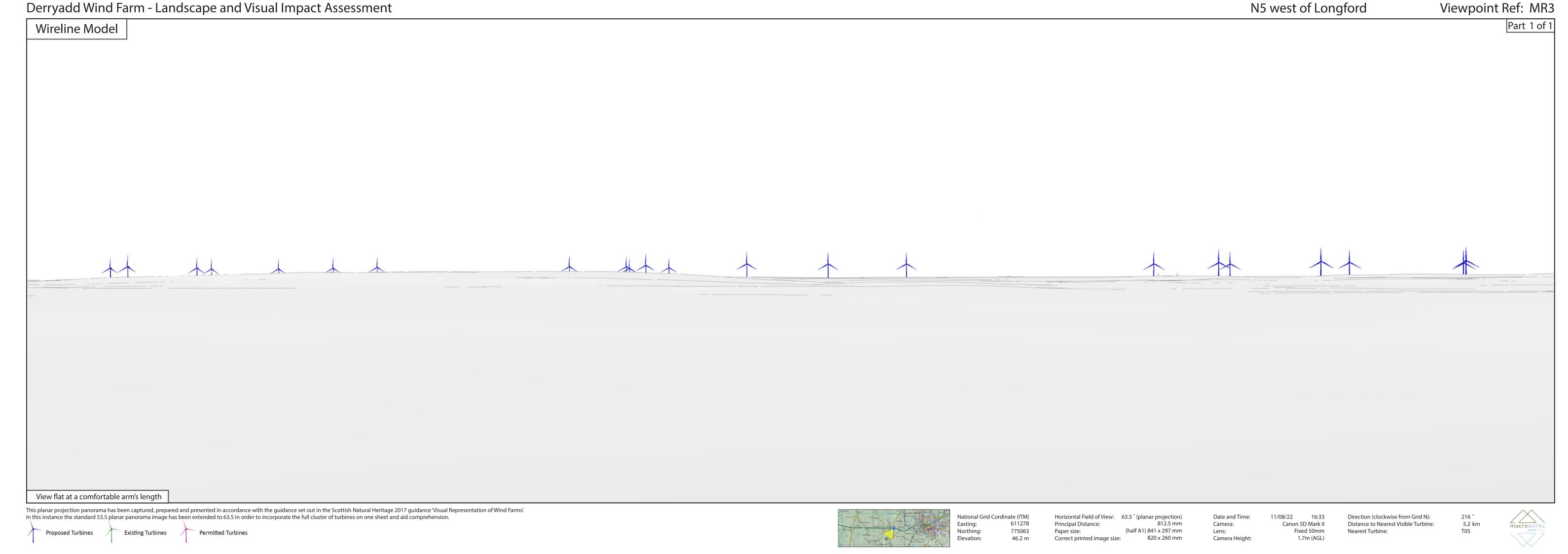
Fixed 50mm Nearest Turbine:

Distance to Nearest Visible Turbine:









Derryadd Wind Farm - Landscape and Visual Impact Assessment N5 west of Longford Viewpoint Ref: MR3



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.



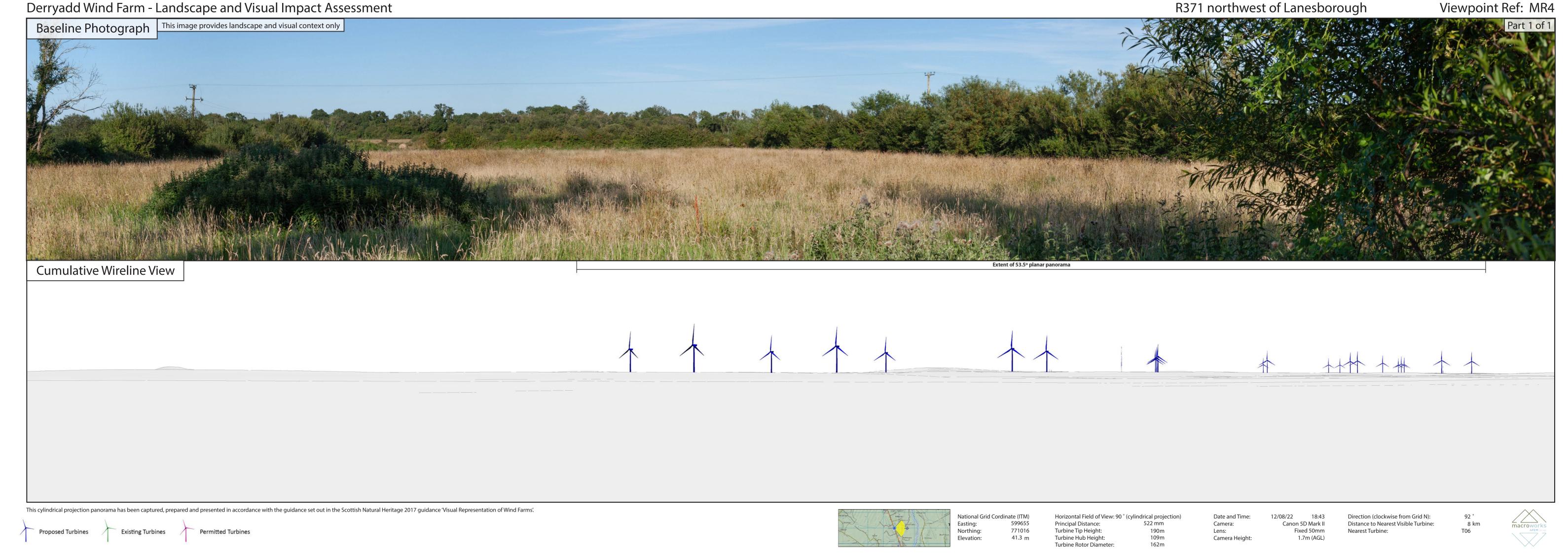
820 x 260 mm

1.7m (AGL)

Canon 5D Mark II Fixed 50mm Nearest Turbine:

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







Derryadd Wind Farm - Landscape and Visual Impact Assessment R371 northwest of Lanesborough Viewpoint Ref: MR4



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'.



1.7m (AGL)

Canon 5D Mark II Fixed 50mm Nearest Turbine:

Distance to Nearest Visible Turbine: