

Artfield Forest Wind Farm

Environmental Impact Assessment Report

Volume 3b: Visualisations

March 2021



Volume 3b: Visualisations – Table of Contents

Chapter 1: Introduction

N/A

Chapter 2: Development Description

N/A

Chapter 3: Design Evolution and Alternatives

N/A

Chapter 4: Energy and Planning Legislation and Policy

N/A

Chapter 5: Seascape, Landscape and Visual Amenity

Figures 5.9a-f	Viewpoint 1: A714, West of Glentrool
Figures 5.10a-j	Viewpoint 2: Merrick
Figures 5.11a-h	Viewpoint 3: Glenvernock Fell
Figures 5.12a-h	Viewpoint 4: Bruce's Stone, Merrick Car Park
Figures 5.13a-j	Viewpoint 5: Cairnsmore of Fleet
Figures 5.14a-l	Viewpoint 6: Fell End
Figures 5.15a-f	Viewpoint 7: A75, Creetown
Figures 5.16a-f	Viewpoint 8: Fell Loch
Figures 5.17a-h	Viewpoint 9: Minor Road, South of Mochrum Loch
Figures 5.18a-j	Viewpoint 10: Knoch Fell
Figures 5.19a-f	Viewpoint 11: Mull of Galloway
Figures 5.20a-h	Viewpoint 12: A75, Glenluce
Figures 5.21a-f	Viewpoint 13: Whitecairn Caravan Site
Figures 5.22a-f	Viewpoint 14: Sandhead
Figures 5.23a-h	Viewpoint 15: Mains of Large, New Luce
Figures 5.24a-h	Viewpoint 16: Minor Road, Balmurrie Fell
Figures 5.25a-j	Viewpoint 17: Beneraird
Figures 5.26a-h	Viewpoint 18: SUW North of Balmurrie Fell
Figures 5.27a-h	Viewpoint 19: Tarf Bridge
Figures 5.28a-h	Viewpoint 20: North from Loch Ronald
Figures 5.29a-h	Viewpoint 21: Eldrig Fell

Chapter 6: Archaeology and Cultural Heritage

Figures 6.9a-h	CH Viewpoint 1: Laggangarn, standing stones (Site 221, SM 90199 and HES property in Care)
Figures 6.10a-h	CH Viewpoint 2: Bennan of Garvilland fort (Site 225, SM1955)
Figures 6.11a-b	CH Viewpoint 3a: Wood Cairn, Eldrig Fell (Site 242, SM1953)
Figures 6.12a-b	CH Viewpoint 3b: Wood Cairn, Eldrig Fell (Site 242, SM1953)
Figures 6.13a-b	CH Viewpoint 3c: Wood Cairn, Eldrig Fell (Site 242, SM1953)
Figures 6.14a-b	CH Viewpoint 4: High Eldrig Cairn (Site 328, HER No. MDG2179)
Figures 6.15a-g	CH Viewpoint 5: Scheduled Monument Cairn na Gath, long cairn, Balmurrie Fell (Site 226, SM1922)
Figures 6.16a-g	CH Viewpoint 6: Scheduled Monument Wells of the Rees, wells 550 m NNE of Kilgallioch (Site 222, SM2002)
Figures 6.17a-g	CH Viewpoint 7: Scheduled Monument Caves of Kilhern (Site 229, SM1928)
Figures 6.18a-g	CH Viewpoint 8: Dirvannie Township (Site 276, HER No. MDG13123)

Chapter 7: Ecology

N/A

Chapter 8: Ornithology

N/A

Chapter 9: Hydrology, Hydrogeology and Geology

N/A

Chapter 10: Traffic, Transport and Access

N/A

Chapter 11: Noise and Vibration

N/A

Chapter 12: Aviation and Telecommunications

N/A

Chapter 13: Socioeconomics

N/A

Chapter 14: Forestry

N/A

Chapter 15: Shadow Flicker

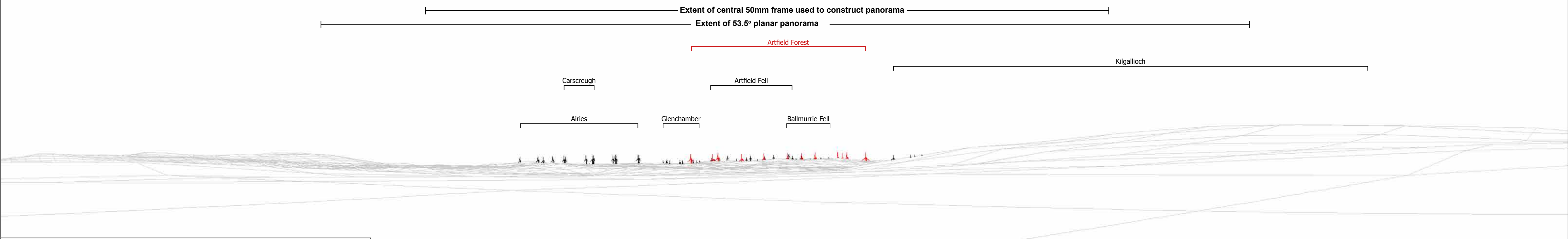
N/A

Chapter 16: Climate

N/A

Chapter 17: Summary of Schedule of Mitigation

N/A



Wireline Drawing showing Operational and Consented Cumulative Sites - Proposed Artfield Forest Turbines Shown In Red

Figure: 5.9a
Viewpoint 1: A714, West of Glentrool
Artfield Forest Wind Farm Environmental Impact Assessment Report



Wind Farm Status
Turbine Colour Key

Consented Operational

OS reference: 233986 578564
Eye Level: 112m AOD
Direction of view: 225°
Distance to Development: 14.05km

Horizontal field of view: (90° cylindrical projection)
Principal distance: 812.5mm

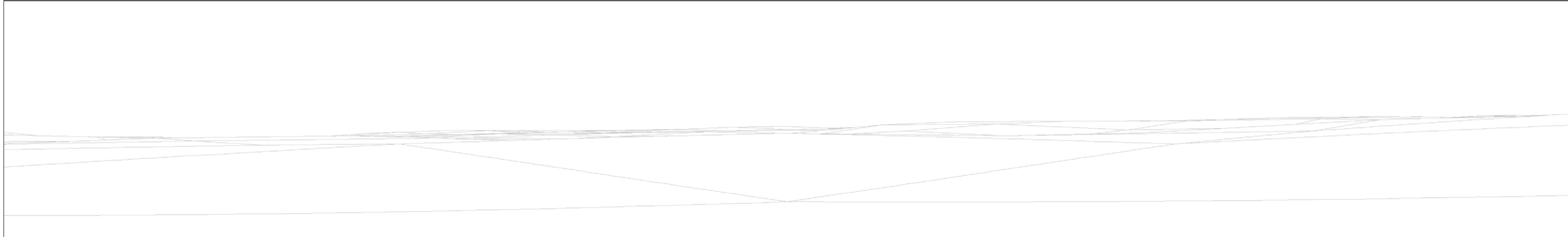
Camera: Nikon D750
Lens: 50mm (Nikon AF 50mm f/1.4)
Camera height: 1.5m AGL
Date and time: 28/03/2020 07:59





Baseline Photograph

This image provides landscape and visual context only



Wireline Drawing showing Operational and Consented Cumulative Sites



OS reference: 233986 578564
 Eye Level: 112m AOD
 Direction of view: 315°
 Distance to Development: 14.05km

Horizontal field of view: (90° cylindrical projection)
 Principal distance: 812.5mm

Camera: Nikon D750
 Lens: 50mm (Nikon AF 50mm f/1.4)
 Camera height: 1.5m AGL
 Date and time: 28/03/2020 07:59



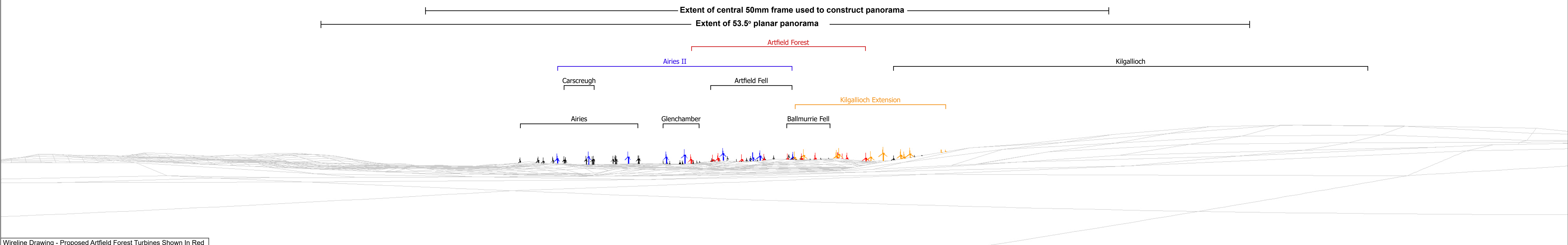
Wind Farm Status
 Turbine Colour Key





Baseline Photograph

This image provides landscape and visual context only



Wireline Drawing - Proposed Artfield Forest Turbines Shown In Red



Wind Farm Status
Turbine Colour Key

- 🌪️ Scoping
- 🌪️ In Planning
- 🌪️ Consented
- 🌪️ Operational

OS reference: 233986 578564
Eye Level: 112m AOD
Direction of view: 225°
Distance to Development: 14.05km

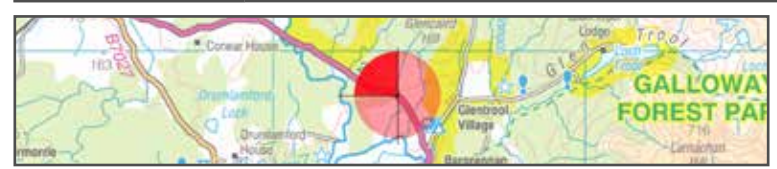
Horizontal field of view: (90° cylindrical projection)
Principal distance: 812.5mm

Camera: Nikon D750
Lens: 50mm (Nikon AF 50mm f/1.4)
Camera height: 1.5m AGL
Date and time: 28/03/2020 07:59





Wireline Drawing



OS reference: 233986 578564
 Eye Level: 112m AOD
 Direction of view: 315°
 Distance to Development: 14.05km

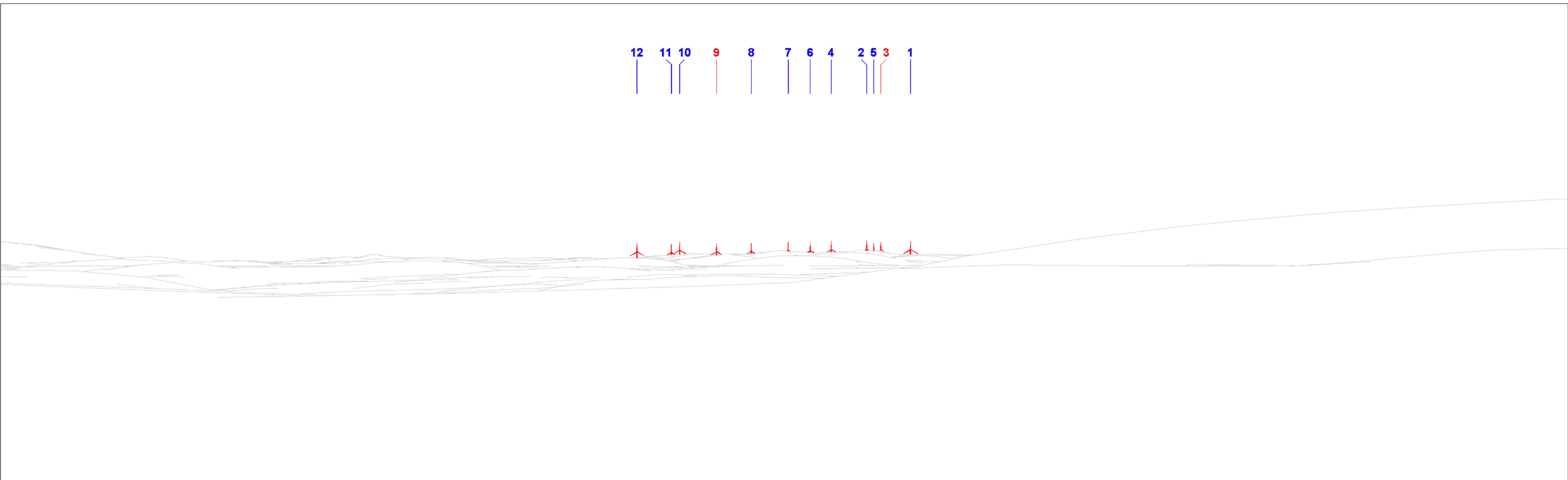
Horizontal field of view: (90° cylindrical projection)
 Principal distance: 812.5mm

Camera: Nikon D750
 Lens: 50mm (Nikon AF 50mm f/1.4)
 Camera height: 1.5m AGL
 Date and time: 28/03/2020 07:59

Wind Farm Status Turbine Colour Key

- Operational
- Consented
- In Planning
- Scoping





Wireline

View flat at a comfortable arm's length





Photomontage

View flat at a comfortable arm's length

OS reference:	233986 578564	Horizontal field of view:	53.5° (planar projection)	Camera:	Nikon D750
Eye Level:	126m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon AF 50mm f/1.4)
Direction of view:	225.08°	Paper size:	841 x 297 mm	Camera height:	1.5m AGL
Distance to Development:	14.05km	Correct printed image size:	820 x 260 mm	Date and time:	28/03/2020 07:59

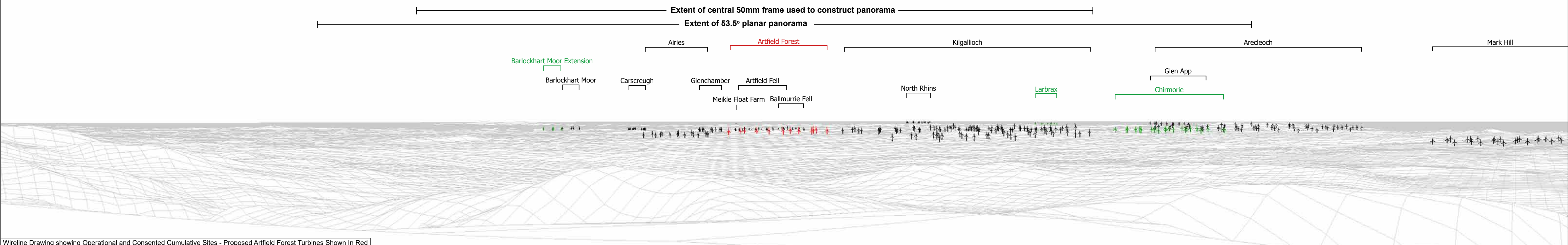


Figure: 5.9f
Viewpoint 1: A714, West of Glentrool



Baseline Photograph

This image provides landscape and visual context only



Wireline Drawing showing Operational and Consented Cumulative Sites - Proposed Artfield Forest Turbines Shown In Red

Figure: 5.10a
Viewpoint 2: Merrick
Artfield Forest Wind Farm Environmental Impact Assessment Report



Wind Farm Status
Turbine Colour Key

 Consented
 Operational

OS reference: 242748 585554
 Eye Level: 824m AOD
 Direction of view: 228°
 Distance to Development: 25.25km

Horizontal field of view: (90° cylindrical projection)
 Principal distance: 812.5mm

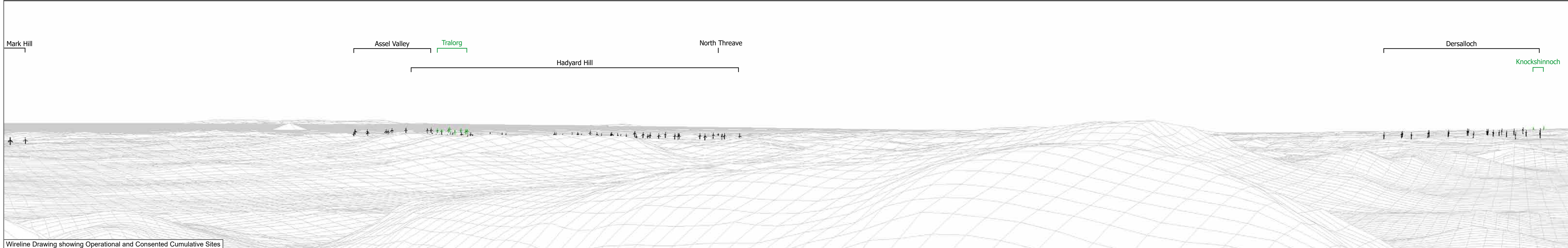
Camera: Nikon D750
 Lens: 50mm (Nikon AF 50mm f/1.4)
 Camera height: 1.5m AGL
 Date and time: 29/03/2020 10:56





Baseline Photograph

This image provides landscape and visual context only



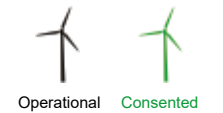
Wireline Drawing showing Operational and Consented Cumulative Sites



OS reference: 242748 585554
 Eye Level: 824m AOD
 Direction of view: 318°
 Distance to Development: 25.25km

Horizontal field of view: (90° cylindrical projection)
 Principal distance: 812.5mm

Camera: Nikon D750
 Lens: 50mm (Nikon AF 50mm f/1.4)
 Camera height: 1.5m AGL
 Date and time: 29/03/2020 10:56



Wind Farm Status
 Turbine Colour Key

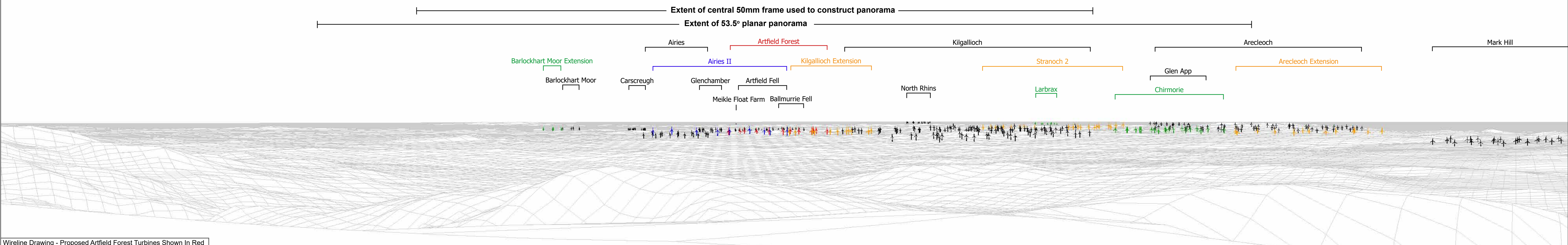


Figure: 5.10b
 Viewpoint 2: Merrick



Baseline Photograph

This image provides landscape and visual context only



Wireline Drawing - Proposed Artfield Forest Turbines Shown In Red



Wind Farm Status
Turbine Colour Key

- 🌬️ Scoping
- 🌬️ In Planning
- 🌬️ Consented
- 🌬️ Operational

OS reference: 242748 585554
 Eye Level: 824m AOD
 Direction of view: 228°
 Distance to Development: 25.25km

Horizontal field of view: (90° cylindrical projection)
 Principal distance: 812.5mm

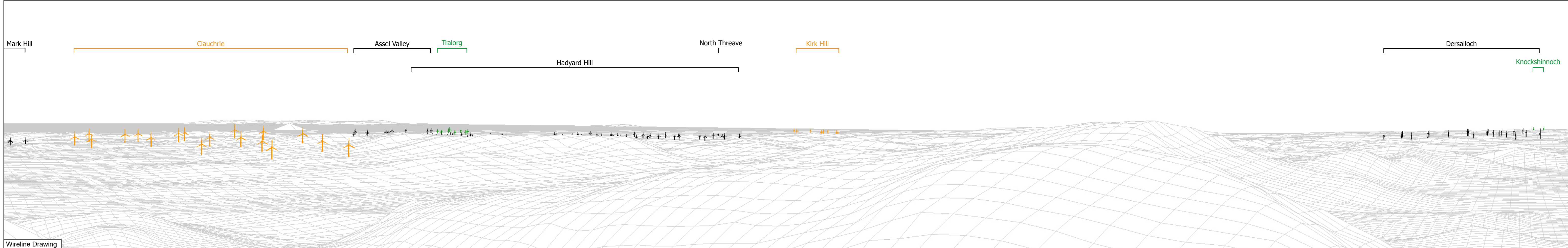
Camera: Nikon D750
 Lens: 50mm (Nikon AF 50mm f/1.4)
 Camera height: 1.5m AGL
 Date and time: 29/03/2020 10:56



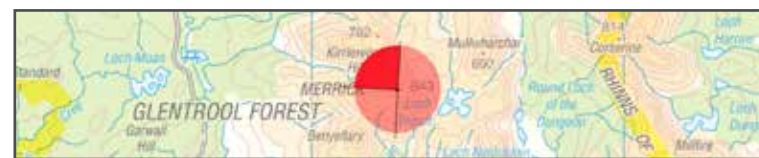


Baseline Photograph

This image provides landscape and visual context only



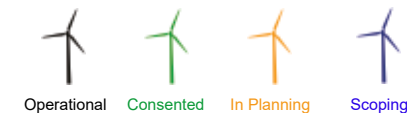
Wireline Drawing



OS reference: 242748 585554
 Eye Level: 824m AOD
 Direction of view: 318°
 Distance to Development: 25.25km

Horizontal field of view: (90° cylindrical projection)
 Principal distance: 812.5mm

Camera: Nikon D750
 Lens: 50mm (Nikon AF 50mm f/1.4)
 Camera height: 1.5m AGL
 Date and time: 29/03/2020 10:56



Wind Farm Status
 Turbine Colour Key

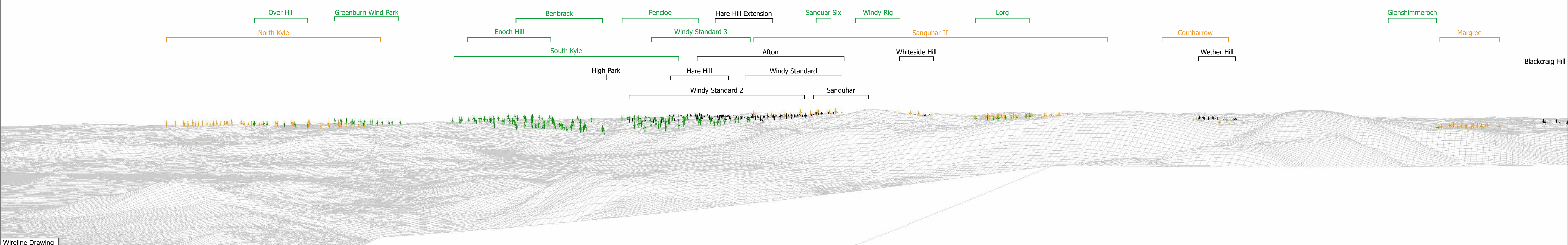


Figure: 5.10d
 Viewpoint 2: Merrick



Baseline Photograph

This image provides landscape and visual context only



Wireline Drawing



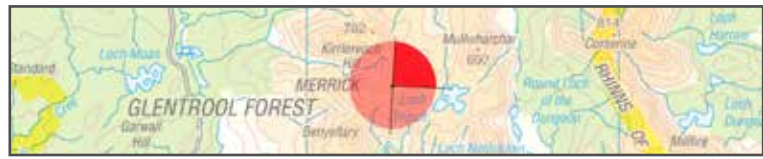
Wind Farm Status
Turbine Colour Key

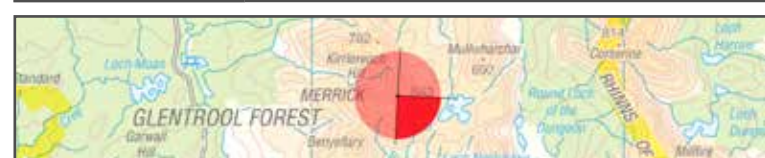
- 🌬️ Scoping
- 🌬️ In Planning
- 🌬️ Consented
- 🌬️ Operational

OS reference: 242748 585554
Eye Level: 824m AOD
Direction of view: 48°
Distance to Development: 25.25km

Horizontal field of view: (90° cylindrical projection)
Principal distance: 812.5mm

Camera: Nikon D750
Lens: 50mm (Nikon AF 50mm f/1.4)
Camera height: 1.5m AGL
Date and time: 29/03/2020 10:56





OS reference: 242748 585554
 Eye Level: 824m AOD
 Direction of view: 138°
 Distance to Development: 25.25km

Horizontal field of view: (90° cylindrical projection)
 Principal distance: 812.5mm

Camera: Nikon D750
 Lens: 50mm (Nikon AF 50mm f/1.4)
 Camera height: 1.5m AGL
 Date and time: 29/03/2020 10:56



Figure: 5.10f
 Viewpoint 2: Merrick

12 11 10 9 8 7 6 4 2 5 3 1



Wireline

View flat at a comfortable arm's length





Photomontage

View flat at a comfortable arm's length

OS reference:	242748 585554	Horizontal field of view:	53.5° (planar projection)	Camera:	Nikon D750
Eye Level:	824m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon AF 50mm f/1.4)
Direction of view:	228°	Paper size:	841 x 297 mm	Camera height:	1.5m AGL
Distance to Development:	25.25km	Correct printed image size:	820 x 260 mm	Date and time:	29/03/2020 10:56



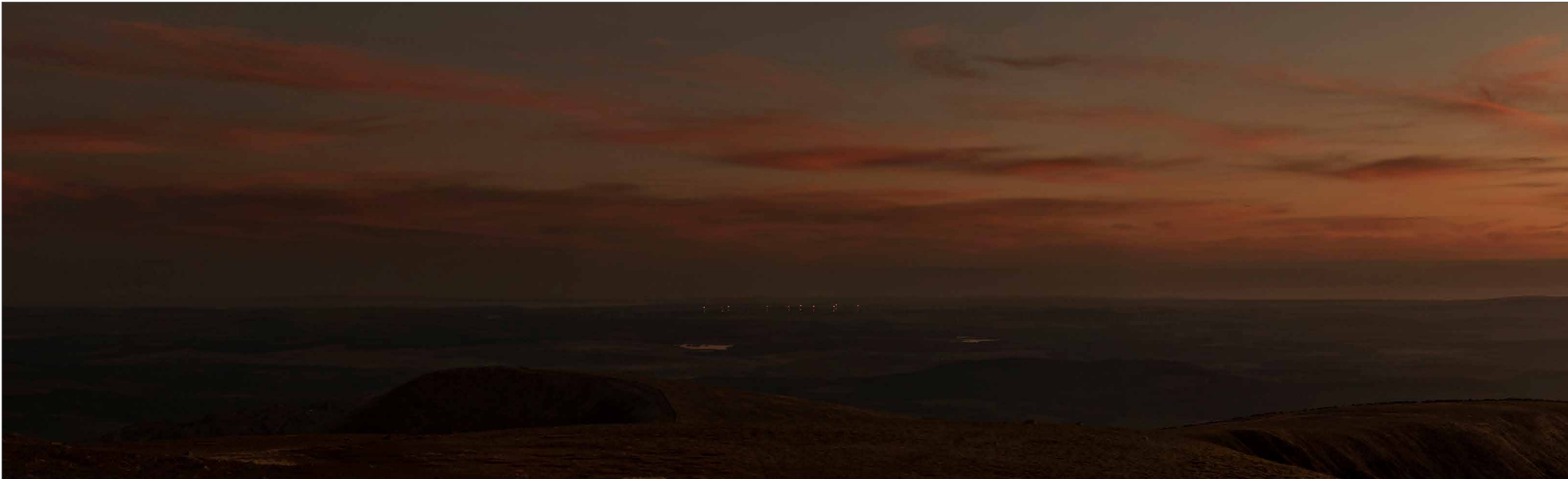
Figure: 5.10h
Viewpoint 2: Merrick
Artfield Forest Wind Farm Environmental Impact Assessment Report

12 11 10 9 8 7 6 4 2 5 3 1

✈ ✈ ✈ ✈ ✈ ✈ ✈ ✈ ✈ ✈

Wireline





Photomontage during dusk-light hours

View flat at a comfortable arm's length

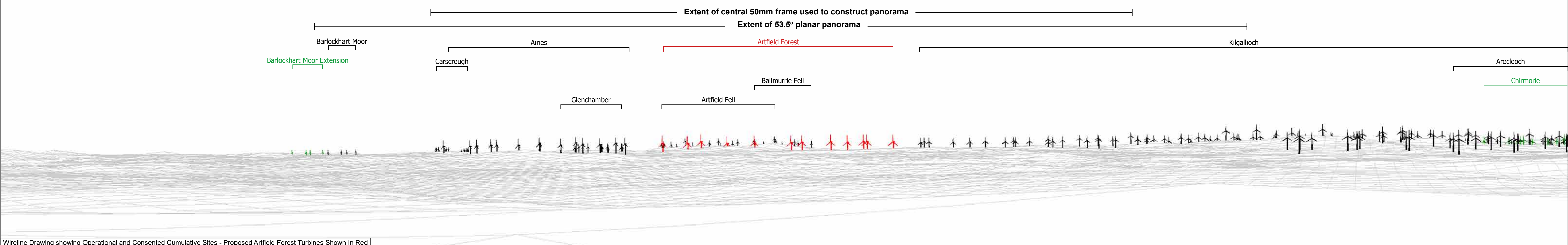
OS reference:	242748 585554	Horizontal field of view:	53.5° (planar projection)	Camera:	Nikon D750
Eye Level:	824m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon AF 50mm f/1.4)
Direction of view:	228°	Paper size:	841 x 297 mm	Camera height:	1.5m AGL
Distance to Development:	25.25km	Correct printed image size:	820 x 260 mm	Date and time:	02/05/2020 21:11





Baseline Photograph

This image provides landscape and visual context only



Wireline Drawing showing Operational and Consented Cumulative Sites - Proposed Artfield Forest Turbines Shown In Red



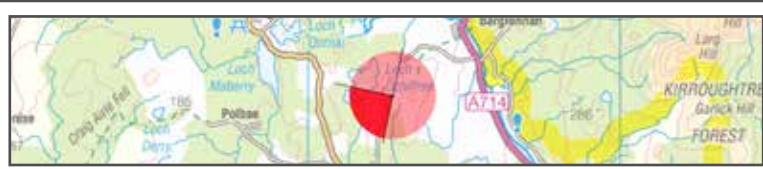
Wind Farm Status
Turbine Colour Key

 Consented
 Operational

OS reference: 232708 574109
Eye Level: 178m AOD
Direction of view: 237°
Distance to Development: 10.32km

Horizontal field of view: (90° cylindrical projection)
Principal distance: 812.5mm

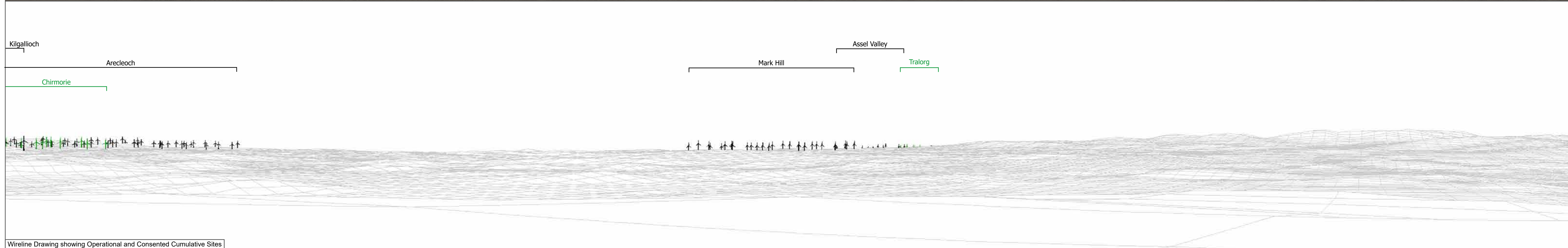
Camera: Nikon D750
Lens: 50mm (Nikon AF 50mm f/1.4)
Camera height: 1.5m AGL
Date and time: 28/03/2020 08:56





Baseline Photograph

This image provides landscape and visual context only



Wireline Drawing showing Operational and Consented Cumulative Sites



OS reference: 232708 574109
 Eye Level: 178m AOD
 Direction of view: 327°
 Distance to Development: 10.32km

Horizontal field of view: (90° cylindrical projection)
 Principal distance: 812.5mm

Camera: Nikon D750
 Lens: 50mm (Nikon AF 50mm f/1.4)
 Camera height: 1.5m AGL
 Date and time: 28/03/2020 08:56



Wind Farm Status
 Turbine Colour Key

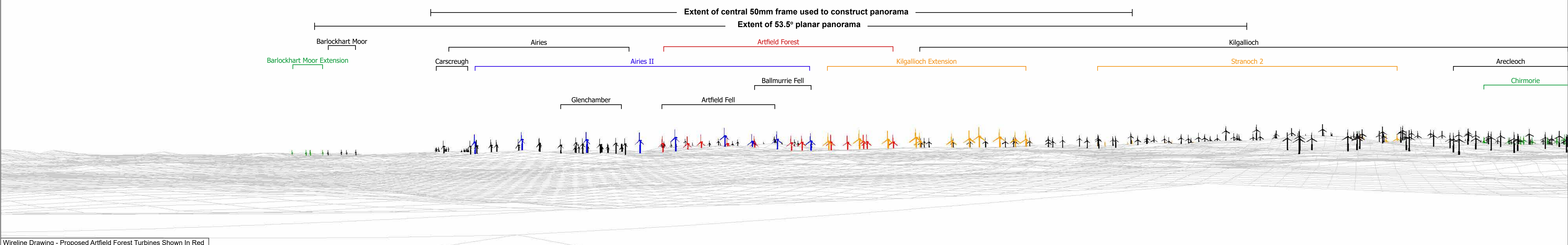


Figure: 5.11b
 Viewpoint 3: Glenvernock Fell



Baseline Photograph

This image provides landscape and visual context only



Wireline Drawing - Proposed Artfield Forest Turbines Shown In Red



Wind Farm Status
Turbine Colour Key

- 🌪️ Scoping
- 🌪️ In Planning
- 🌪️ Consented
- 🌪️ Operational

OS reference: 232708 574109
Eye Level: 178m AOD
Direction of view: 237°
Distance to Development: 10.32km

Horizontal field of view: (90° cylindrical projection)
Principal distance: 812.5mm

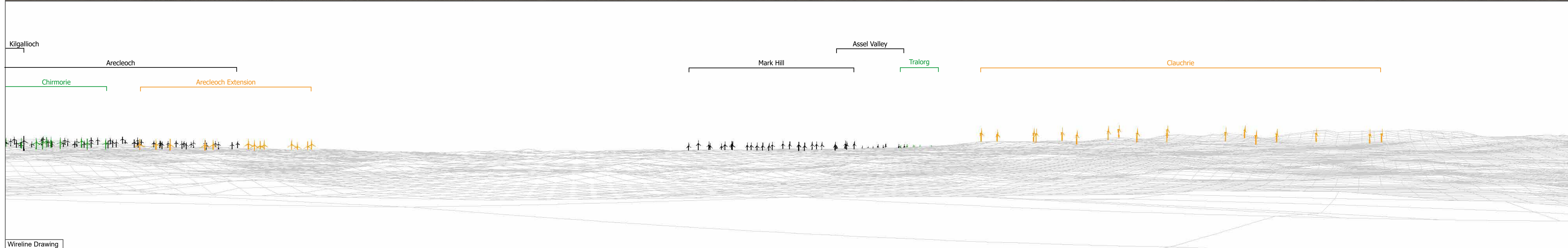
Camera: Nikon D750
Lens: 50mm (Nikon AF 50mm f/1.4)
Camera height: 1.5m AGL
Date and time: 28/03/2020 08:56





Baseline Photograph

This image provides landscape and visual context only



Wireline Drawing



OS reference: 232708 574109
 Eye Level: 178m AOD
 Direction of view: 327°
 Distance to Development: 10.32km

Horizontal field of view: (90° cylindrical projection)
 Principal distance: 812.5mm

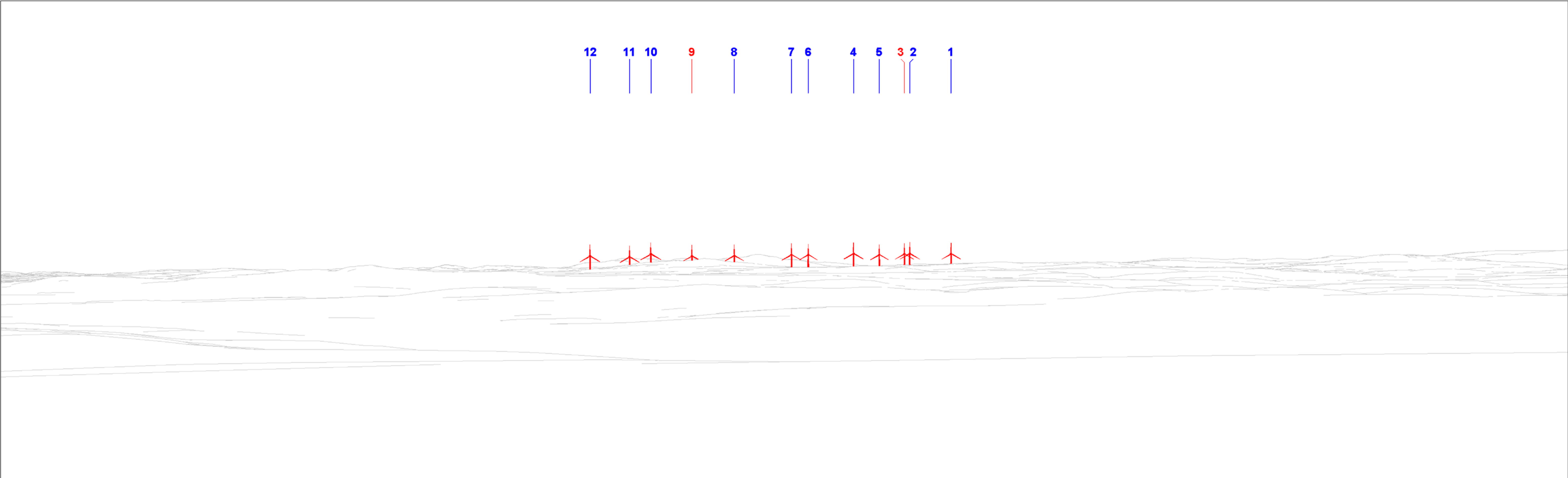
Camera: Nikon D750
 Lens: 50mm (Nikon AF 50mm f/1.4)
 Camera height: 1.5m AGL
 Date and time: 28/03/2020 08:56



Wind Farm Status
 Turbine Colour Key



Figure 5.11d
 Viewpoint 3: Glenvernock Fell



Wireline

View flat at a comfortable arm's length



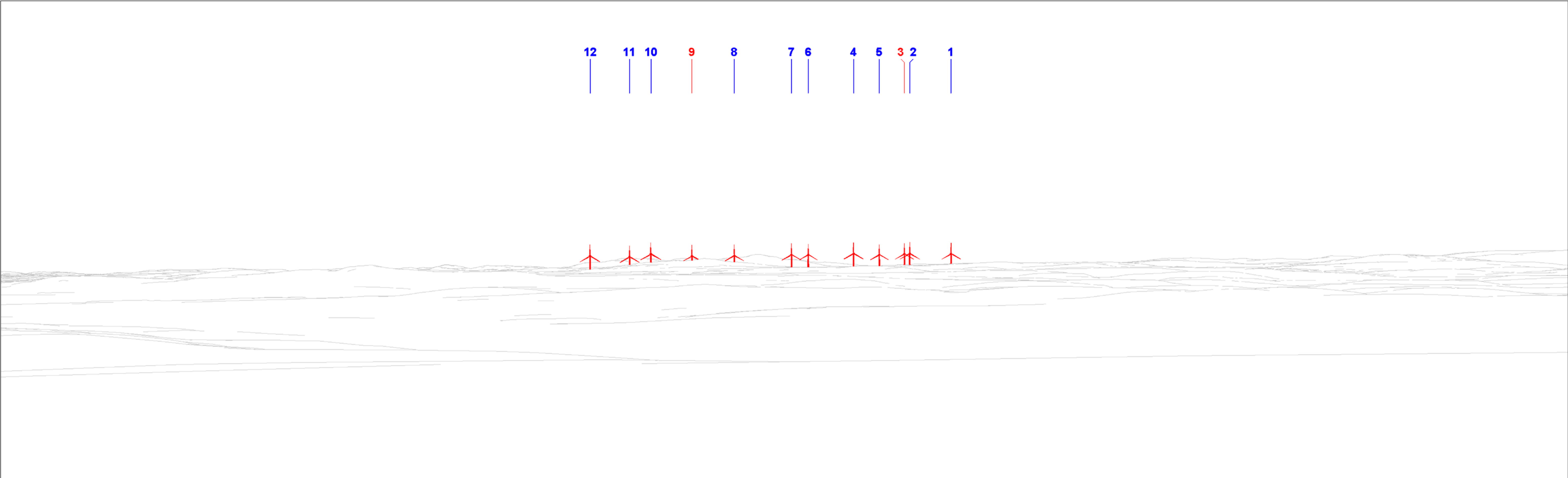


Photomontage

View flat at a comfortable arm's length

OS reference:	232708 574109	Horizontal field of view:	53.5° (planar projection)	Camera:	Nikon D750
Eye Level:	178m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon AF 50mm f/1.4)
Direction of view:	237°	Paper size:	841 x 297 mm	Camera height:	1.5m AGL
Distance to Development:	10.32km	Correct printed image size:	820 x 260 mm	Date and time:	28/03/2020 08:56





Wireline

View flat at a comfortable arm's length





Photomontage during dusk-light hours

View flat at a comfortable arm's length

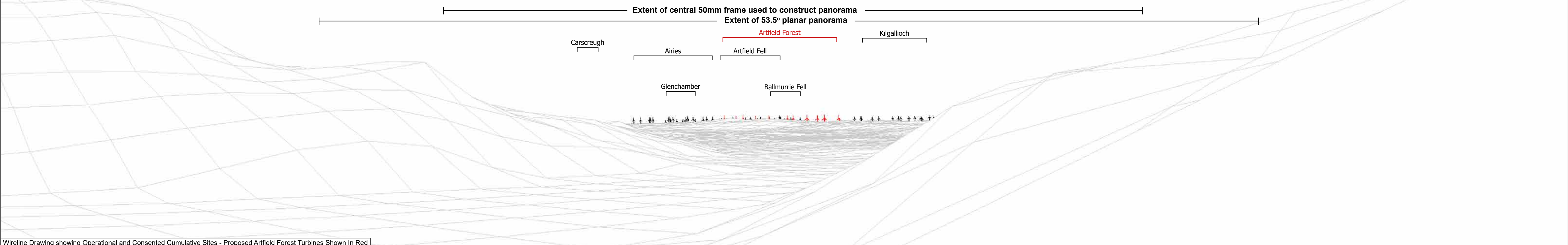
OS reference:	232708 574109	Horizontal field of view:	53.5° (planar projection)	Camera:	Nikon D750
Eye Level:	178m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon AF 50mm f/1.4)
Direction of view:	237°	Paper size:	841 x 297 mm	Camera height:	1.5m AGL
Distance to Development:	10.32km	Correct printed image size:	820 x 260 mm	Date and time:	23/09/2020 19:37





Baseline Photograph

This image provides landscape and visual context only

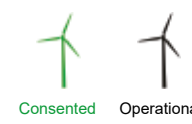


Wireline Drawing showing Operational and Consented Cumulative Sites - Proposed Artfield Forest Turbines Shown In Red

Figure: 5.12a
Viewpoint 4: Bruce's Stone, Merrick Car Park



Wind Farm Status
Turbine Colour Key



OS reference: 241580 580327
Eye Level: 124m AOD
Direction of view: 236°
Distance to Development: 21.14km

Horizontal field of view: (90° cylindrical projection)
Principal distance: 812.5mm

Camera: Nikon D750
Lens: 50mm (Nikon AF 50mm f/1.4)
Camera height: 1.5m AGL
Date and time: 28/03/2020 08:24





Baseline Photograph

This image provides landscape and visual context only



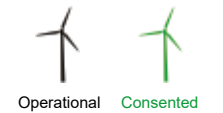
Wireline Drawing showing Operational and Consented Cumulative Sites



OS reference: 241580 580327
 Eye Level: 124m AOD
 Direction of view: 326°
 Distance to Development: 21.14km

Horizontal field of view: (90° cylindrical projection)
 Principal distance: 812.5mm

Camera: Nikon D750
 Lens: 50mm (Nikon AF 50mm f/1.4)
 Camera height: 1.5m AGL
 Date and time: 28/03/2020 08:24



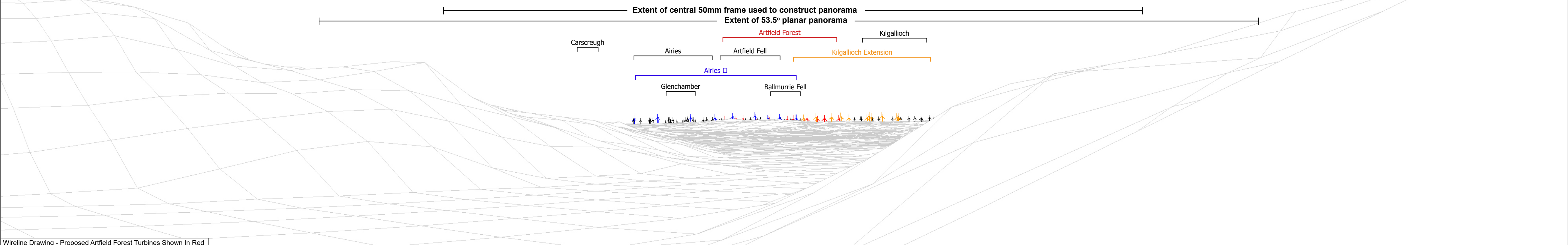
Wind Farm Status
 Turbine Colour Key





Baseline Photograph

This image provides landscape and visual context only



Wireline Drawing - Proposed Artfield Forest Turbines Shown In Red

Figure: 5.12c
Viewpoint 4: Bruce's Stone, Merrick Car Park



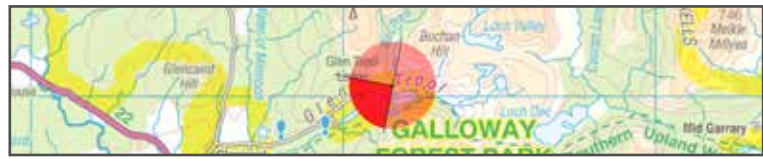
Wind Farm Status
Turbine Colour Key

Scoping	In Planning	Consented	Operational

OS reference: 241580 580327
 Eye Level: 124m AOD
 Direction of view: 236°
 Distance to Development: 21.14km

Horizontal field of view: (90° cylindrical projection)
 Principal distance: 812.5mm

Camera: Nikon D750
 Lens: 50mm (Nikon AF 50mm f/1.4)
 Camera height: 1.5m AGL
 Date and time: 28/03/2020 08:24





Baseline Photograph

This image provides landscape and visual context only



Wireline Drawing



OS reference: 241580 580327
 Eye Level: 124m AOD
 Direction of view: 326°
 Distance to Development: 21.14km

Horizontal field of view: (90° cylindrical projection)
 Principal distance: 812.5mm

Camera: Nikon D750
 Lens: 50mm (Nikon AF 50mm f/1.4)
 Camera height: 1.5m AGL
 Date and time: 28/03/2020 08:24

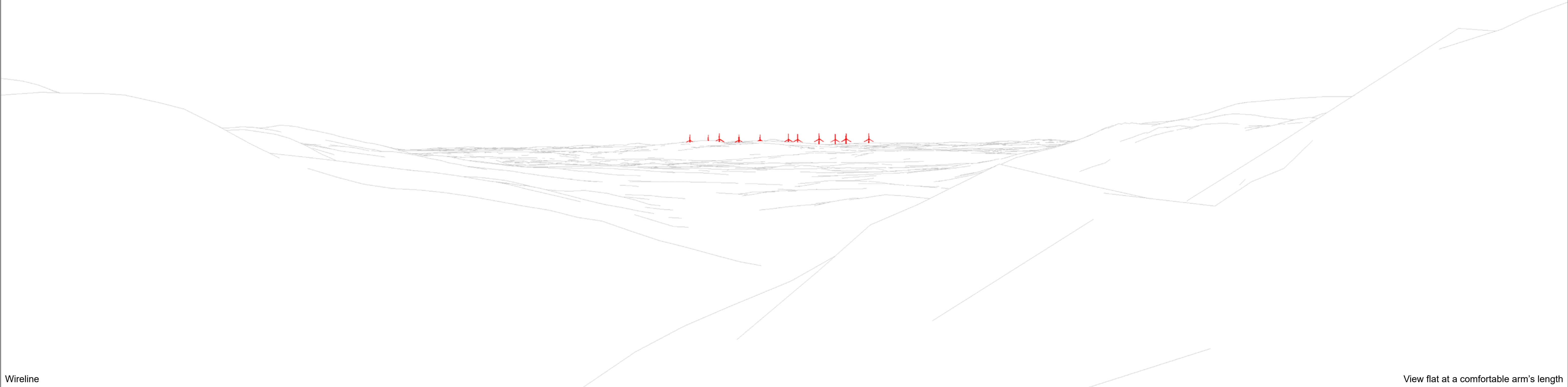


Wind Farm Status
 Turbine Colour Key



Figure: 5.12d
 Viewpoint 4: Bruce's Stone, Merrick Car Park

12 11 10 9 8 7 6 4 5 2 3 1



Wireline

View flat at a comfortable arm's length

Figure: 5.12e
Viewpoint 4: Bruce's Stone, Merrick Car Park



OS reference:	241580 580327	Horizontal field of view:	53.5° (planar projection)
Eye Level:	124m AOD	Principal distance:	812.5mm
Direction of view:	236°	Paper size:	841 x 297 mm
Distance to Development:	21.14km	Correct printed image size:	820 x 260 mm



Photomontage

View flat at a comfortable arm's length

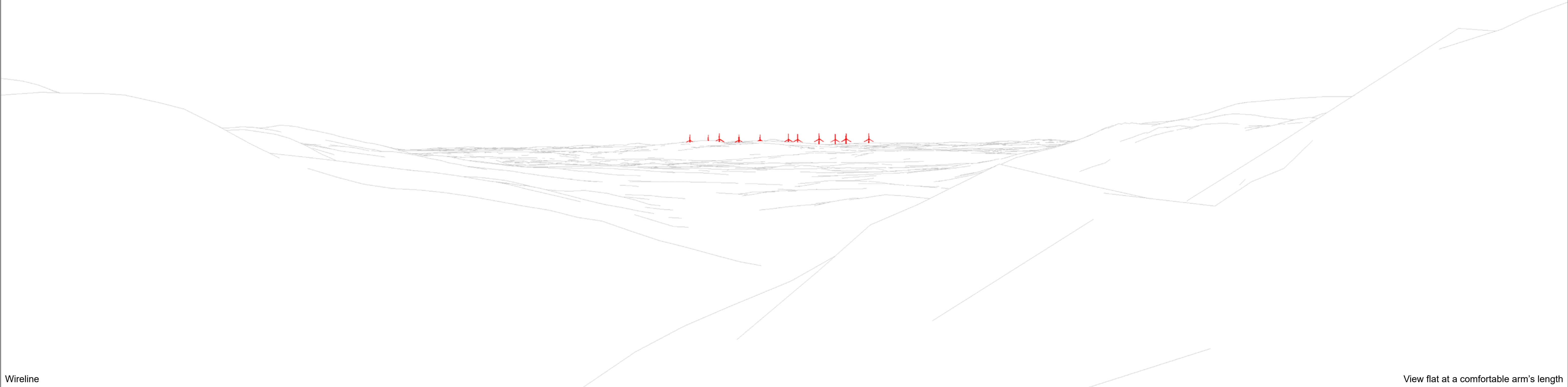
OS reference:	241580 580327	Horizontal field of view:	53.5° (planar projection)	Camera:	Nikon D750
Eye Level:	124m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon AF 50mm f/1.4)
Direction of view:	236°	Paper size:	841 x 297 mm	Camera height:	1.5m AGL
Distance to Development:	21.14km	Correct printed image size:	820 x 260 mm	Date and time:	28/03/2020 08:24



Viewpoint 4: Bruce's Stone, Merrick Car Park

Figure: 5.12f

12 11 10 9 8 7 6 4 5 2 3 1



Wireline

View flat at a comfortable arm's length

Figure: 5.12g
Viewpoint 4: Bruce's Stone, Merrick Car Park



Artfield Forest Wind Farm Environmental Impact Assessment Report

OS reference: 241580 580327
Eye Level: 124m AOD
Direction of view: 236°
Distance to Development: 21.14km

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



Photomontage with adjacent cumulative schemes montaged in

View flat at a comfortable arm's length

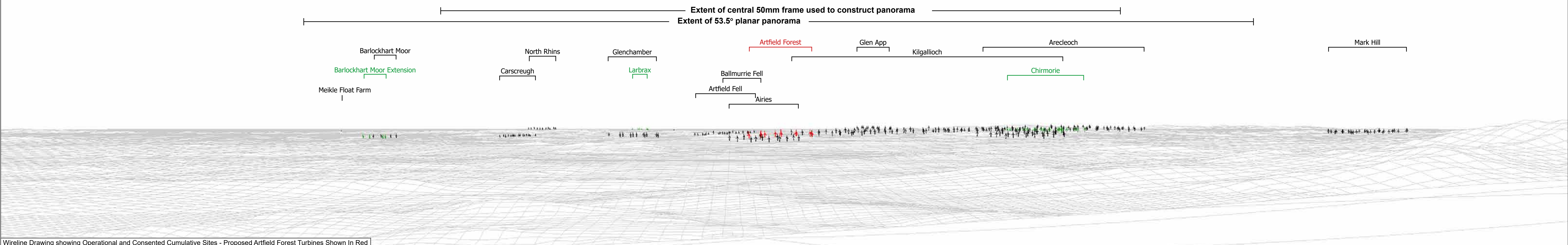
OS reference:	241580 580327	Horizontal field of view:	53.5° (planar projection)	Camera:	Nikon D750
Eye Level:	124m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon AF 50mm f/1.4)
Direction of view:	236°	Paper size:	841 x 297 mm	Camera height:	1.5m AGL
Distance to Development:	21.14km	Correct printed image size:	820 x 260 mm	Date and time:	28/03/2020 08:24





Baseline Photograph

This image provides landscape and visual context only



Wireline Drawing showing Operational and Consented Cumulative Sites - Proposed Artfield Forest Turbines Shown In Red



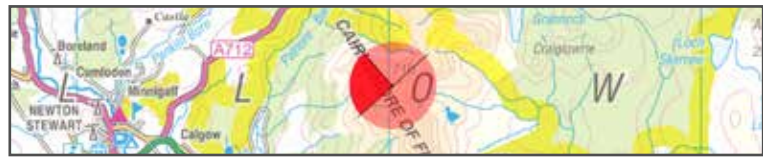
Wind Farm Status
Turbine Colour Key

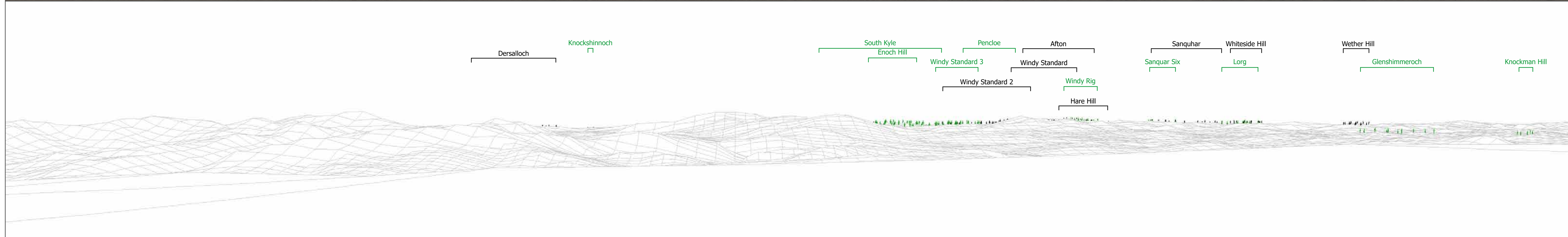
Consented (Green icon)
Operational (Red icon)

OS reference: 250113 567048
Eye Level: 710m AOD
Direction of view: 273°
Distance to Development: 25.32km

Horizontal field of view: (90° cylindrical projection)
Principal distance: 812.5mm

Camera: Nikon D750
Lens: 50mm (Nikon AF 50mm f/1.4)
Camera height: 1.5m AGL
Date and time: 30/03/2020 10:34





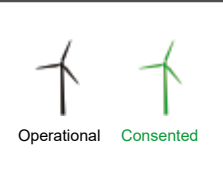
Wireline Drawing showing Operational and Consented Cumulative Sites



OS reference: 250113 567048
 Eye Level: 710m AOD
 Direction of view: 3°
 Distance to Development: 25.32km

Horizontal field of view: (90° cylindrical projection)
 Principal distance: 812.5mm

Camera: Nikon D750
 Lens: 50mm (Nikon AF 50mm f/1.4)
 Camera height: 1.5m AGL
 Date and time: 30/03/2020 10:34



Wind Farm Status
 Turbine Colour Key

