

Artfield Forest Wind Farm Environmental Impact Assessment Report

Volume 3b: Visualisations

March 2021





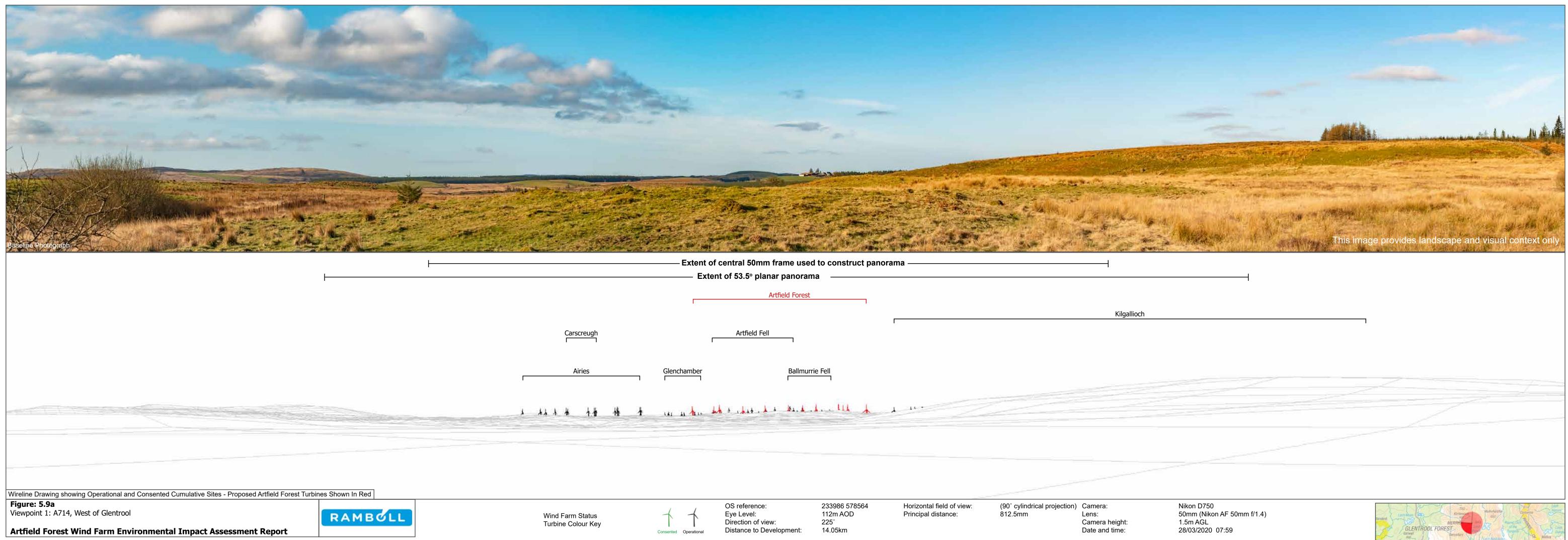
Volume 3b: Visualisations – Table of Contents

Chapter 1:	Introduction	Chapter 6:	Archaeology and Cultural Heritage
N/A		Figures 6.9a-h	CH Viewpoint 1: Laggangarn, standing ston Care)
Chapter 2:	Development Description	Figures 6.10a-h	CH Viewpoint 2: Bennan of Garvilland fort (S
-		Figures 6.11a-b	CH Viewpoint 3a: Wood Cairn, Eldrig Fell (Sit
N/A		Figures 6.12a-b	CH Viewpoint 3b: Wood Cairn, Eldrig Fell (Sit
		Figures 6.13a-b	CH Viewpoint 3c: Wood Cairn, Eldrig Fell (Sit
Chapter 3:	Design Evolution and Alternatives	Figures 6.14a-b	CH Viewpoint 4: High Eldrig Cairn (Site 328,
N/A		Figures 6.15a-g	CH Viewpoint 5: Scheduled Monument Cairn SM1922)
Chapter 4:	Energy and Planning Legislation and Policy	Figures 6.16a-g	CH Viewpoint 6: Scheduled Monument Wells (Site 222, SM2002)
N/A		Figures 6.17a-g	CH Viewpoint 7: Scheduled Monument Caves
		Figures 6.18a-g	CH Viewpoint 8: Dirvannie Township (Site 27
Chapter 5:	Seascape, Landscape and Visual Amenity		
Figures 5.9a-f	Viewpoint 1: A714, West of Glentrool	Chapter 7:	Ecology
Figures 5.10a-j	Viewpoint 2: Merrick	N/A	
Figures 5.11a-h	Viewpoint 3: Glenvernock Fell		
Figures 5.12a-h	Viewpoint 4: Bruce's Stone, Merrick Car Park	Chanter 9	Ownithalasy
Figures 5.13a-j	Viewpoint 5: Cairnsmore of Fleet	Chapter 8:	Ornithology
Figures 5.14a-l	Viewpoint 6: Fell End	N/A	
Figures 5.15a-f	Viewpoint 7: A75, Creetown		
Figures 5.16a-f	Viewpoint 8: Fell Loch	Chapter 9:	Hydrology, Hydrogeology and Geolo
Figures 5.17a-h	Viewpoint 9: Minor Road, South of Mochrum Loch	N/A	
Figures 5.18a-j	Viewpoint 10: Knoch Fell		
Figures 5.19a-f	Viewpoint 11: Mull of Galloway	Chapter 10:	Traffic, Transport and Access
Figures 5.20a-h	Viewpoint 12: A75, Glenluce	-	
Figures 5.21a-f	Viewpoint 13: Whitecairn Caravan Site	N/A	
Figures 5.22a-f	Viewpoint 14: Sandhead		
Figures 5.23a-h	Viewpoint 15: Mains of Large, New Luce	Chapter 11:	Noise and Vibration
Figures 5.24a-h	Viewpoint 16: Minor Road, Balmurrie Fell	N/A	
Figures 5.25a-j	Viewpoint 17: Beneraird		
Figures 5.26a-h	Viewpoint 18: SUW North of Balmurrie Fell	Chapter 12:	Aviation and Telecommunications
Figures 5.27a-h	Viewpoint 19: Tarf Bridge		
Figures 5.28a-h	Viewpoint 20: North from Loch Ronald	N/A	
Figures 5.29a-h	Viewpoint 21: Eldrig Fell	Chantor 12.	Socioeconomics
		Chapter 13:	Socioeconomics
		N/A	

tones (Site 221, SM 90199 and HES property in t (Site 225, SM1955) (Site 242, SM1953) (Site 242, SM1953) (Site 242, SM1953) 28, HER No. MDG2179) airn na Gath, long cairn, Balmurrie Fell (Site 226, /ells of the Rees, wells 550 m NNE of Kilgallioch ves of Kilhern (Site 229, SM1928) e 276, HER No. MDG13123)

ology

Chapter 14: N/A	Forestry
Chapter 15: N/A	Shadow Flicker
Chapter 16: N/A	Climate
Chapter 17: N/A	Summary of Schedule of Mitigation





Lens: Camera height: Date and time:

Direction of view: Distance to Development:

315°

14.05km

Nikon D750 50mm (Nikon AF 50mm f/1.4) 1.5m AGL 28/03/2020 07:59



Wind Farm Status Turbine Colour Key

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



X X MARINA			
Baseline Photograph		L	
			Carscreu
			Airies
Wireline Drawing - Proposed Artfield Forest Turbines S Figure: 5.9c Viewpoint 1: A714, West of Glentrool Artfield Forest Wind Farm Environment	RAMBOLL		Wind Farm Statu Turbine Colour k











Date and time:

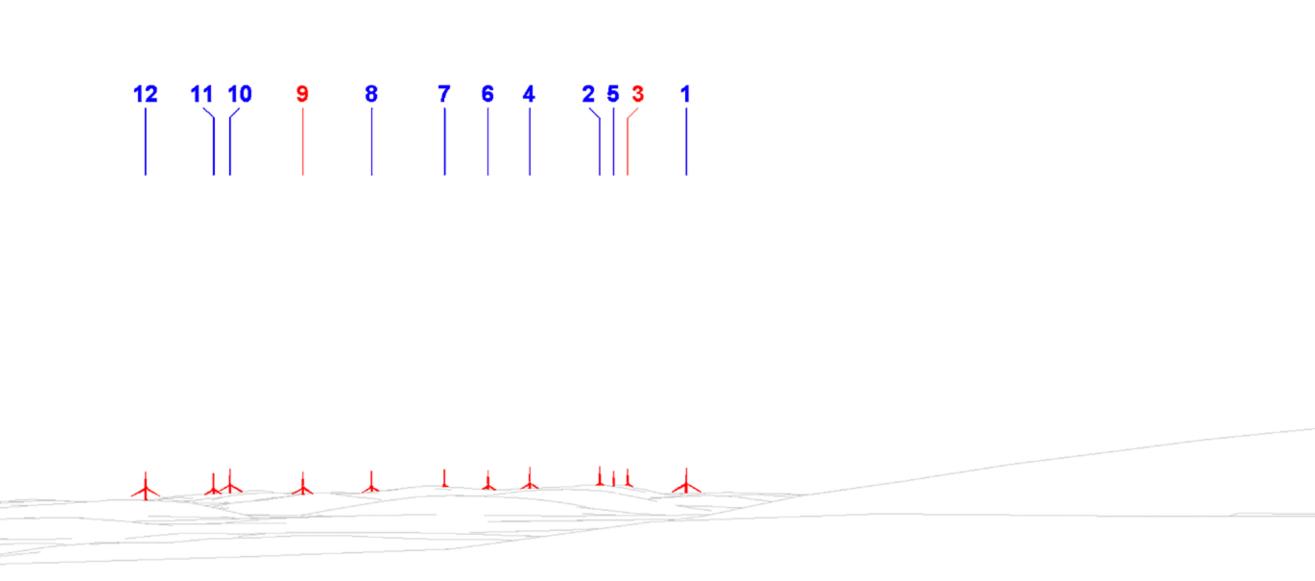


Wireline

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



Artfield Forest Wind Farm Environmental Impact Assessment Report



OS reference: Eye Level: Direction of view: Distance to Development: 233986 578564 126m AOD 225.08° 14.05km

Horizontal field of view: Principal distance: Paper size: Correct printed image size: 820 x 260 mm

53.5° (planar projection) 812.5mm 841 x 297 mm



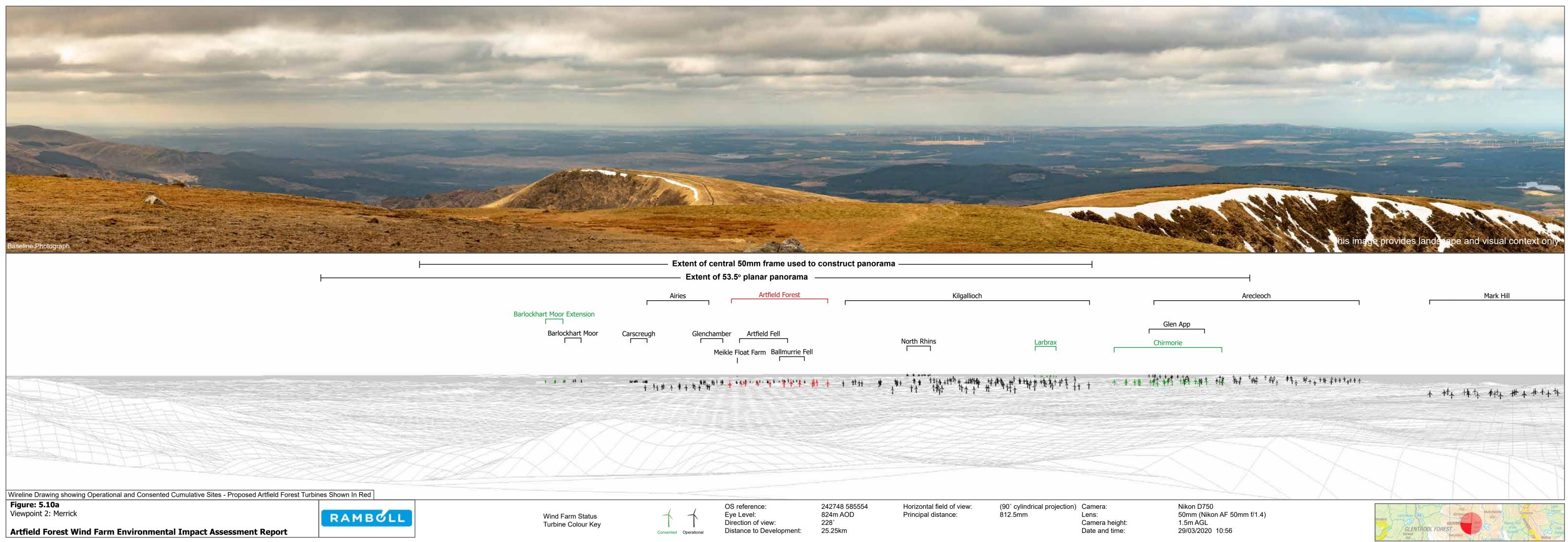
233986 578564 126m AOD 225.08° 14.05km

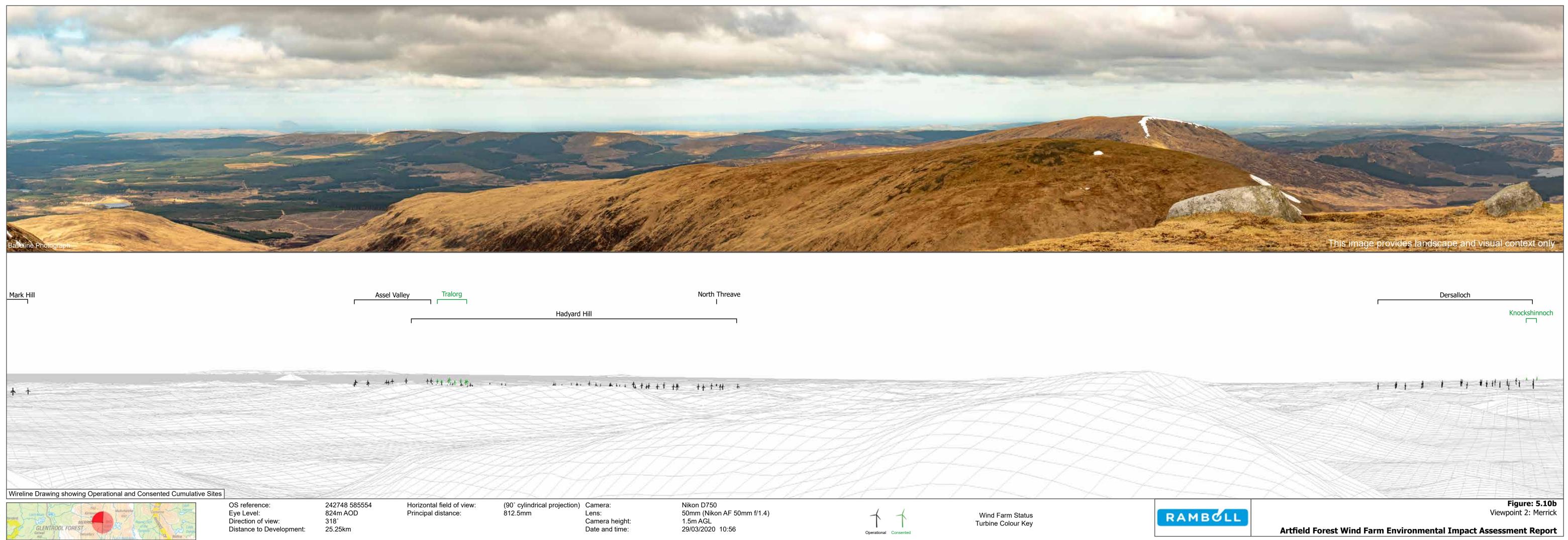
Horizontal field of view:53.5° (planar projection)Principal distance:812.5mmPaper size:841 x 297 mmCorrect printed image size:820 x 260 mm

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

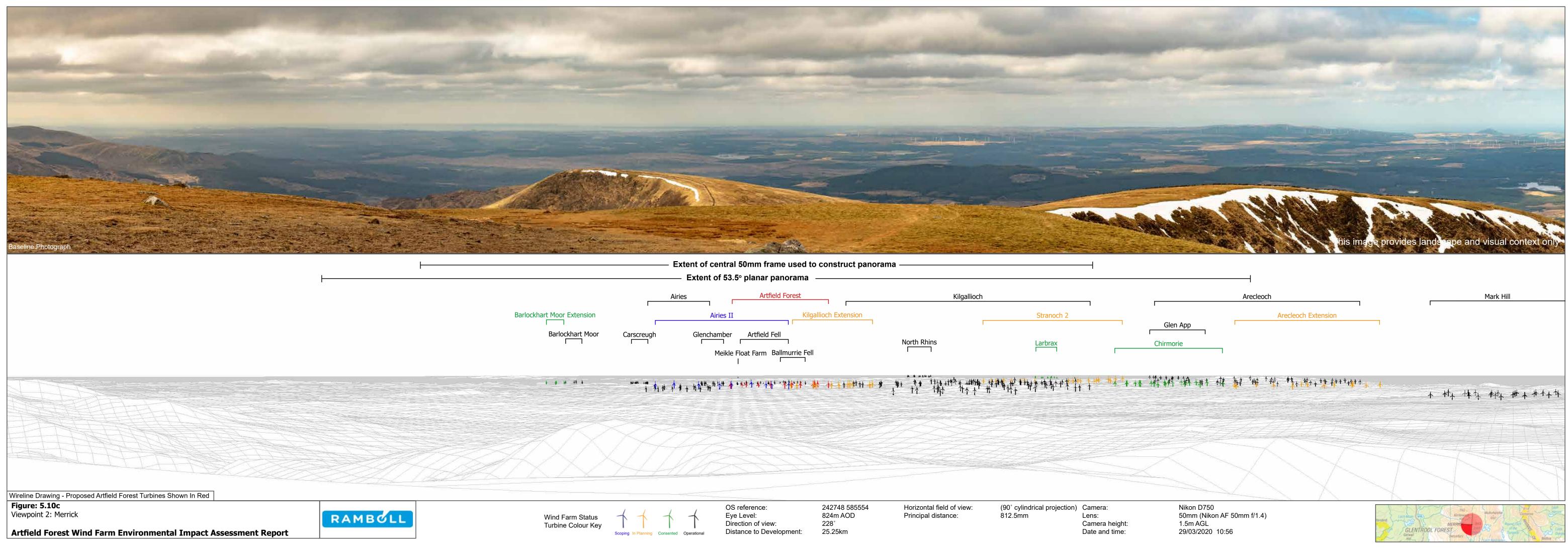
RAMBOLL

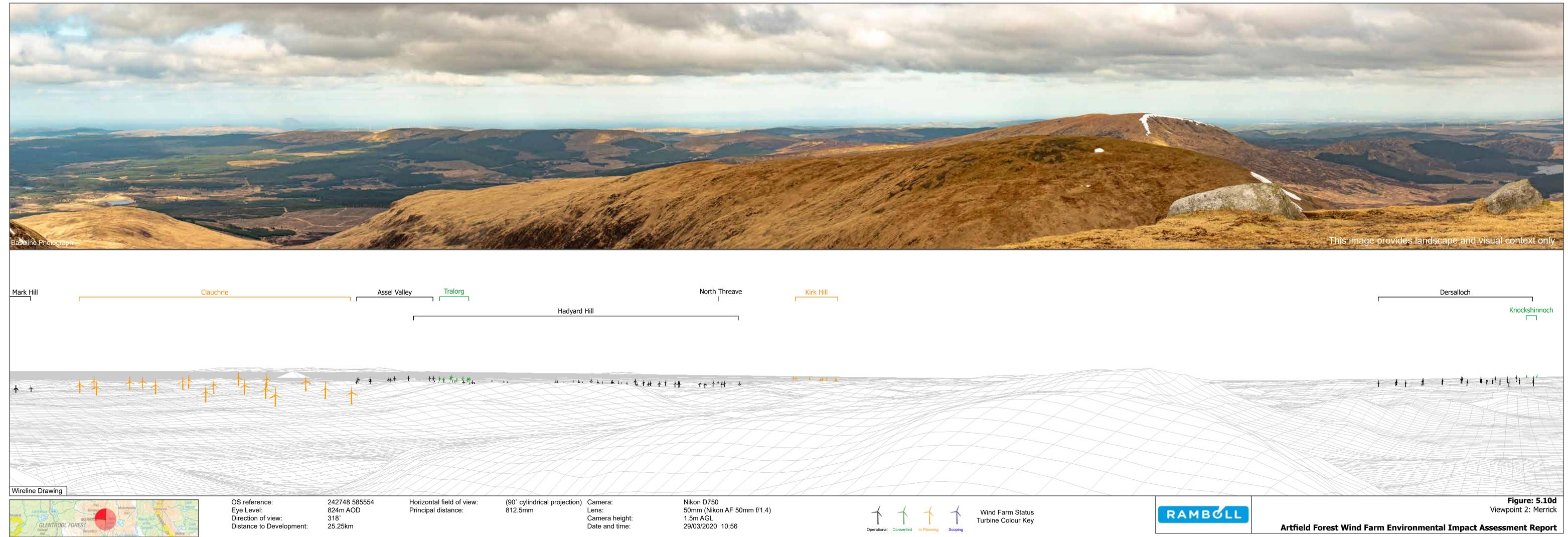
Figure: 5.9f Viewpoint 1: A714, West of Glentrool



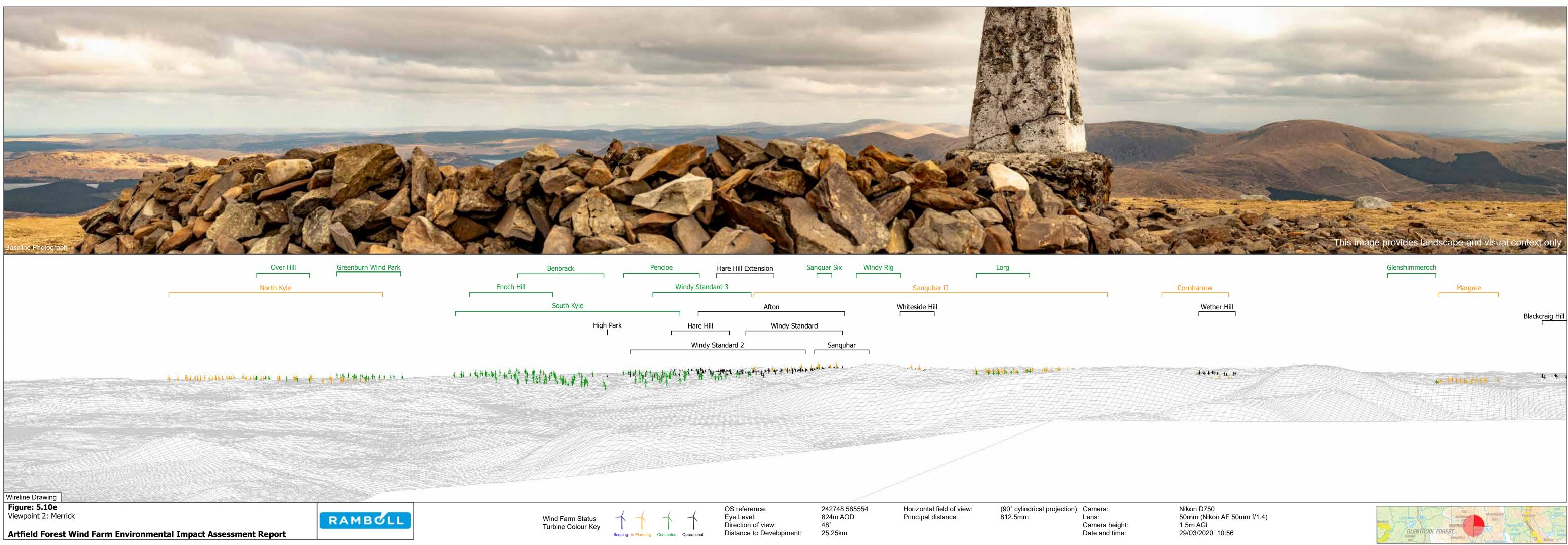


	North Threave I
Hill	





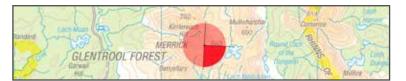
	North Threave I
Hill	



us 🕇	\uparrow \uparrow \uparrow	OS reference: Eye Level: Direction of view:	242748 585554 824m AOD 48°	Horizontal field of view: Principal distance:	(90° cylindrical projection) 812.5mm	Camera: Lens: Camera height:	Nikon 50mm 1.5m
h . + + Nj		⁹ ₩ ^{**} 4 [₩] ₩ [*] [*] 1 [*] 4 [*]	et a trainer at the t				
High Park I	Hare H r Windy	ill Windy St V Standard 2	andard Sanquhar				
	, ,	Afton		Whiteside Hill		1	I
	Windy Stan	Indard 3		Sanquhar II			Cornha
	Pencloe	Hare Hill Extension	Sanquar Six Windy R	ig	Lorg		

and the second s					
1.00					
				Carlos and Carlos	
The second	The second	Contraction of the second			
		and a second	The second	ALL ALLOW	-
Sand Branch					
			and the second		
A A A					
Baseline Photograph					
Knockman Hill					
Blackcraig Hill	-				
	٦				
	٦				
	7				
Blackcraig Hill	7				
Blackcraig Hill					

Wireline Drawing

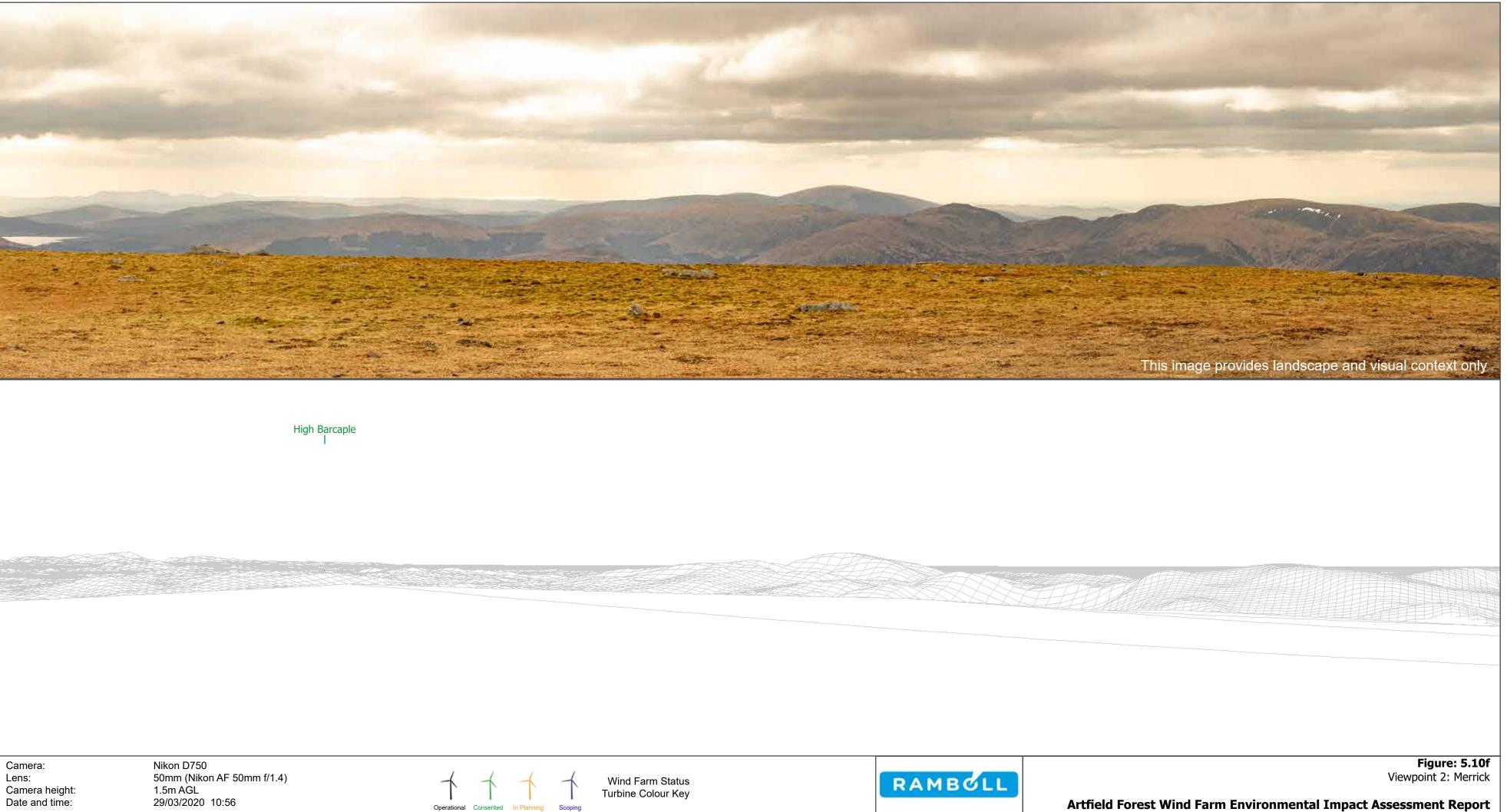


OS reference: Eye Level: Direction of view: Distance to Development:

242748 585554 824m AOD 138° 25.25km

Horizontal field of view: Principal distance:

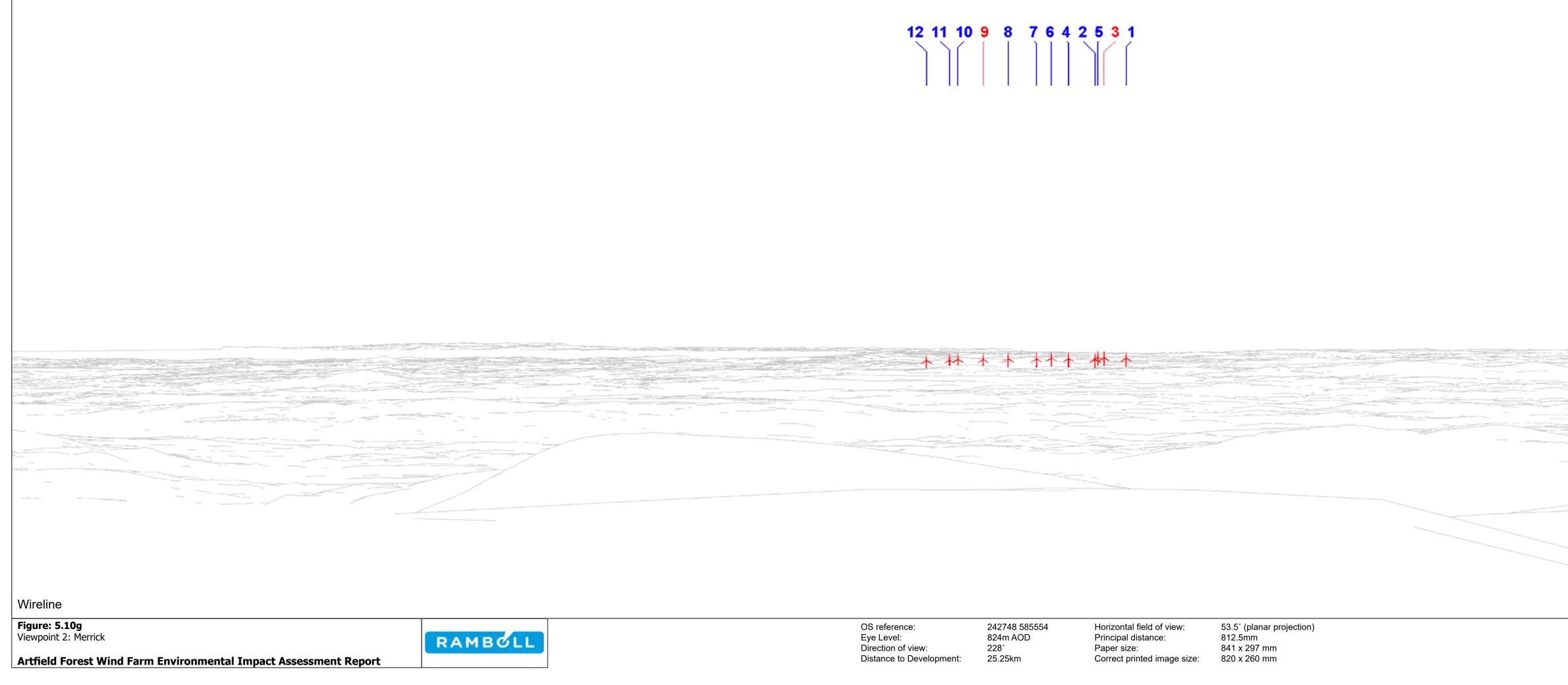
(90° cylindrical projection) Camera: 812.5mm Lens:

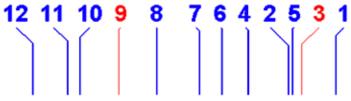


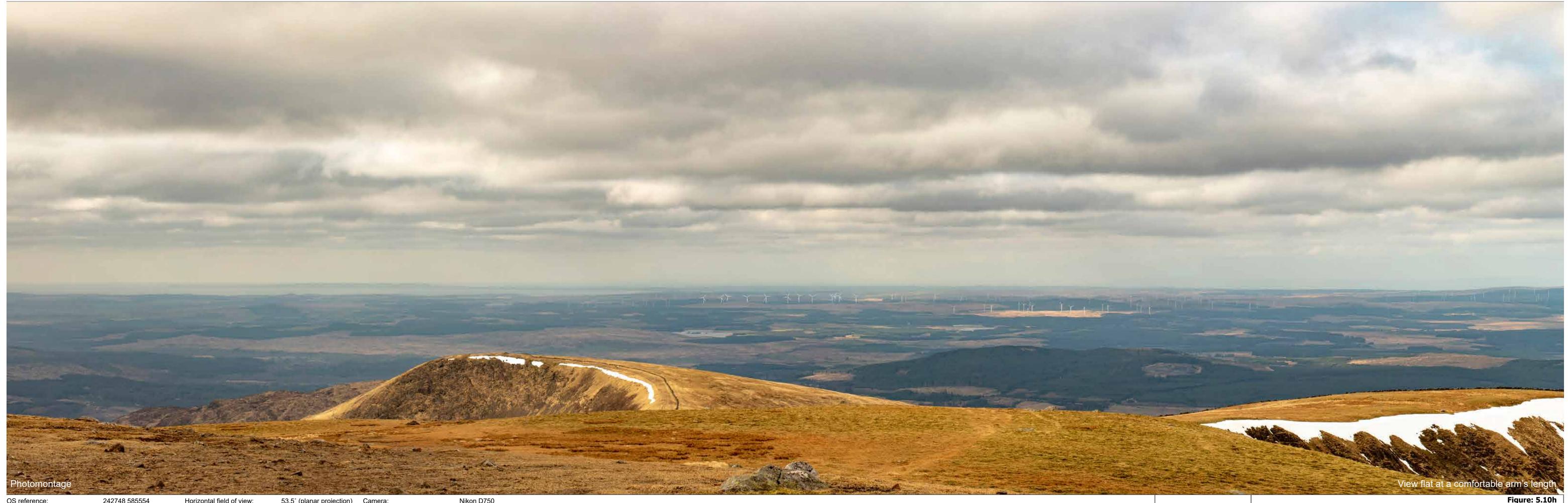
Camera height:











242748 585554 824m AOD 228° 25.25km

Horizontal field of view: Principal distance: Paper size: Correct printed image size:

53.5° (planar projection) 812.5mm 841 x 297 mm 820 x 260 mm

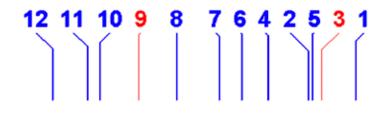
Camera: Lens: Camera height: Date and time:

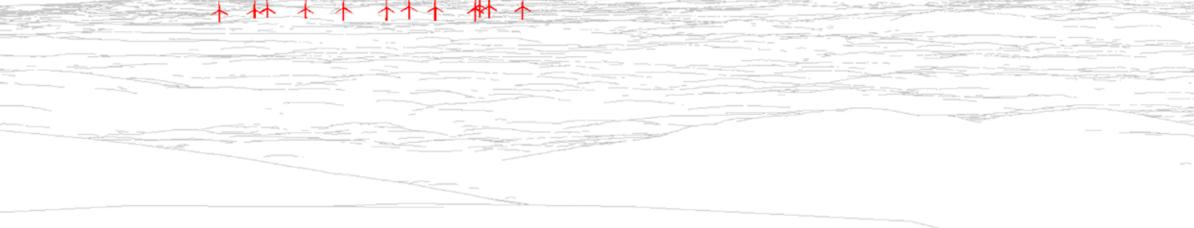
Nikon D750 50mm (Nikon AF 50mm f/1.4) 1.5m AGL 29/03/2020 10:56

RAMBOLL

Figure: 5.10h Viewpoint 2: Merrick

Wireline Figure: 5.10i Viewpoint 2: Merrick	RAMBOL	
	>	





242748 585554 824m AOD 228°

Horizontal field of view: Principal distance: Paper size: Correct printed image size: 820 x 260 mm

53.5° (planar projection) 812.5mm 841 x 297 mm

Photomontage during dusk-light hours

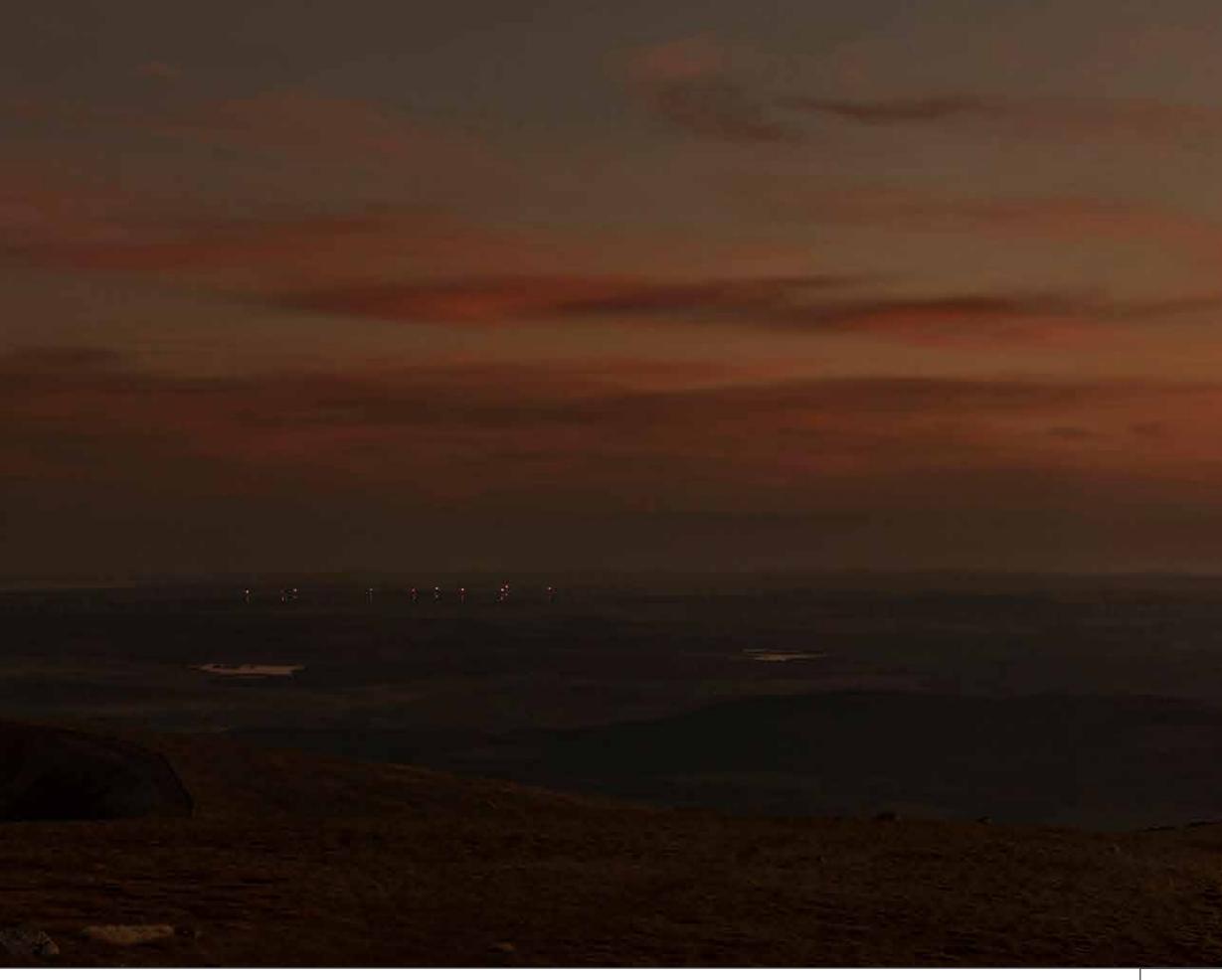
OS reference: Eye Level: Direction of view: Distance to Development: 242748 585554 824m AOD 228° 25.25km

Horizontal field of view: Principal distance: Paper size: Correct printed image size: 820 x 260 mm

53.5° (planar projection)Camera:812.5mmLens:841 x 297 mmCamera he222222

Camera height: Date and time:

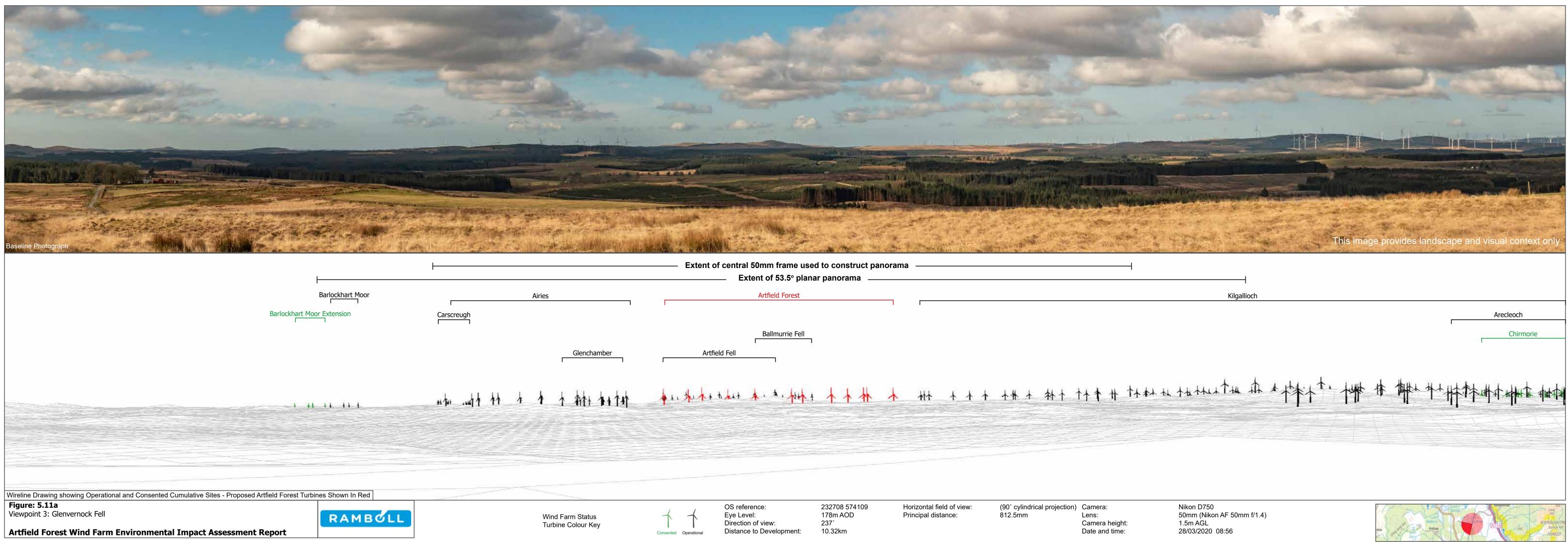
Nikon D750 50mm (Nikon AF 50mm f/1.4) 1.5m AGL 02/05/2020 21:11



View flat at a comfortable arm's length

Figure: 5.10j Viewpoint 2: Merrick





	and the second se		And a state of the	A Designed
and the second				
Statement of the local division of the				
and the second				
the subscription of the local division of the local division of the local division of the local division of the		the second second	They have	
the second distance in the second distance of				States and Street St
the second secon		and the second second		
	Contract of the local division of the local			
	in the state of the	n all ageneral algeness with		
and the second sec	A CONTRACTOR OF	a select of the	ALL MAN	
and the second se		a stated seen		A Contraction of the second
			The Property of the	
and the second		Contraction Streams	the set of the set of the	
Baseline Photograph	dilli fatorio secoli	A THE A DAME OF		State Save Delle R. 1
Kilgallioch				
Arecleoch				
Chirmorie				
	4 14			
ernal attantication for the relation of a	T TI			
		in the second second		
	1 1 - 1			
Wireline Drawing showing Operational and Consented Cumulative Site	es			
	OS reference:	232708 57/100	Horizontal field of view:	(90° cylindrical projection)

232708 574109 178m AOD 327° 10.32km

Horizontal field of view: Principal distance:

(90° cylindrical projecti 812.5mm





Camera: Lens: Camera height: Date and time:

Nikon D750 50mm (Nikon AF 50mm f/1.4) 1.5m AGL 28/03/2020 08:56

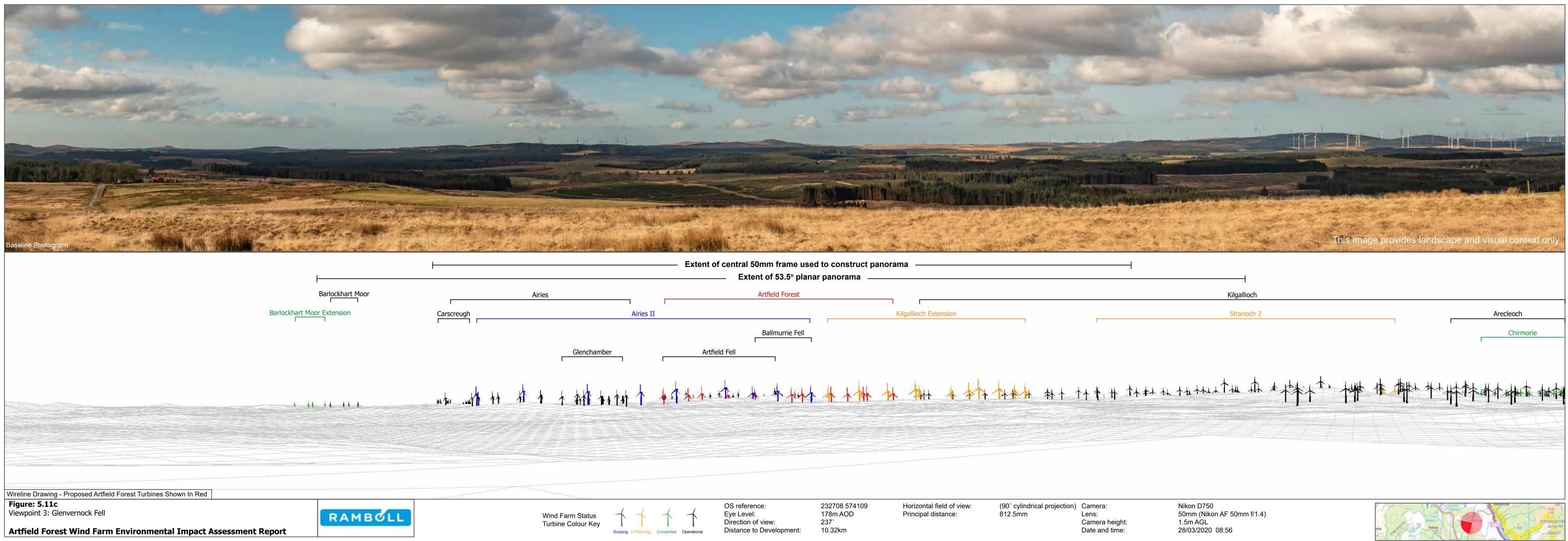


Wind Farm Status Turbine Colour Key



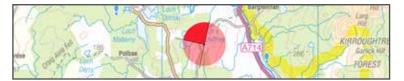
RAMBOLL

Figure: 5.11b Viewpoint 3: Glenvernock Fell



	and the second second		The second s	200
Contraction of the second second				
And the second s				
and the second s				nad to stand
Baseline Photograph				
Kilgallioch				
Arecleoch Chirmorie A	recleoch Extension	7		
		<u>∲</u>		

Wireline Drawing



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

Horizontal field of view: Principal distance:

(90° cylindrical projection) Camera: 812.5mm





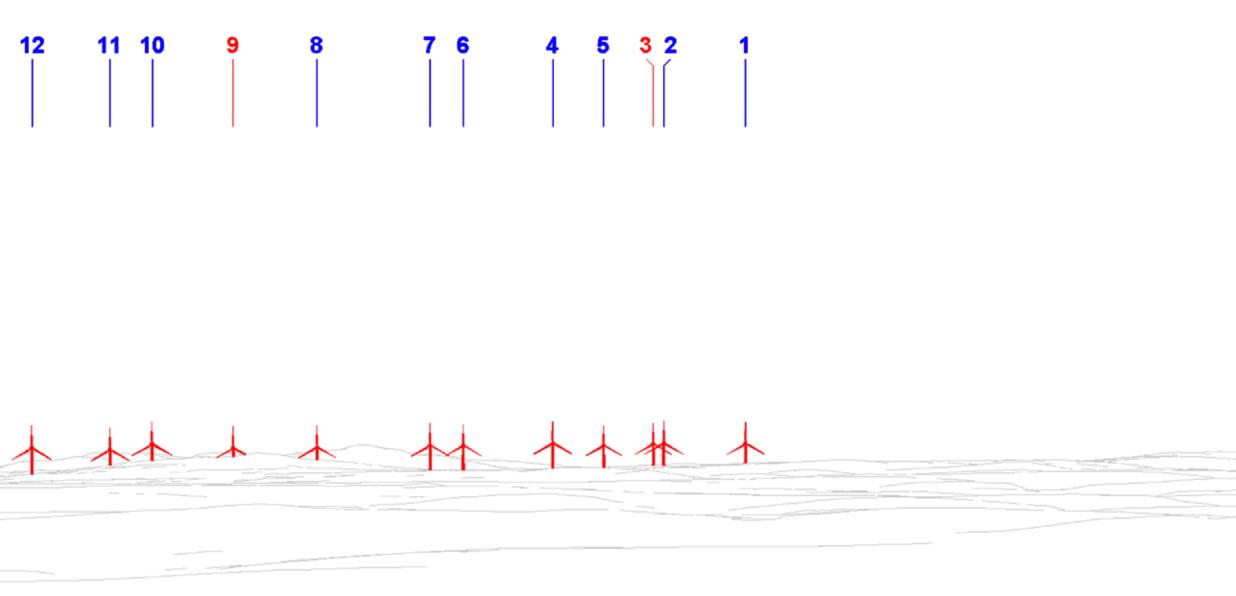
Lens: Camera height: Date and time:

28/03/2020 08:56





	1	
RAMBOLL		



232708 574109 178m AOD 237° 10.32km

Horizontal field of view: Principal distance: Paper size: Correct printed image size: 820 x 260 mm

53.5° (planar projection) 812.5mm 841 x 297 mm



232708 574109 178m AOD 237° 10.32km

Horizontal field of view: Principal distance: Paper size: Correct printed image size:

53.5° (planar projection) 812.5mm 841 x 297 mm 820 x 260 mm

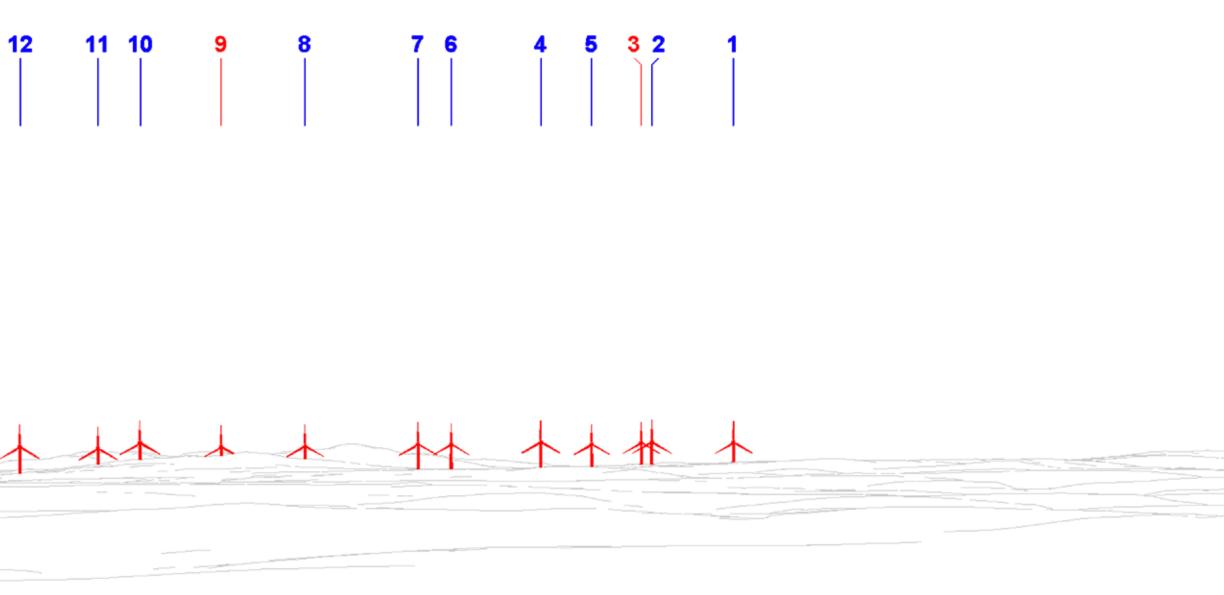
Camera: Lens: Camera height: Date and time:

Nikon D750 50mm (Nikon AF 50mm f/1.4) 1.5m AGL 28/03/2020 08:56

Figure: 5.11f Viewpoint 3: Glenvernock Fell



		1
Wireline		
Figure: 5.11g Viewpoint 3: Glenvernock Fell	RAMBOLL	
Artfield Forest Wind Farm Environmental Impact Assessment Report		



232708 574109 178m AOD 237° 10.32km

Horizontal field of view: Principal distance: Paper size: Correct printed image size: 820 x 260 mm

53.5° (planar projection) 812.5mm 841 x 297 mm

Photomontage during dusk-light hours

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

Horizontal field of view:53.5° (planar projection)Camera:Principal distance:812.5mmLens:Paper size:841 x 297 mmCamera heCorrect printed image size:820 x 260 mmDate and ti

Camera height: Date and time:

Nikon D750 50mm (Nikon AF 50mm f/1.4) 1.5m AGL 23/09/2020 19:37



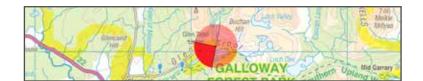
View flat at a comfortable arm's length

Figure: 5.11h Viewpoint 3: Glenvernock Fell

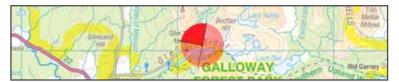


Baseline Photograph	Extent of central 50n	nm frame used to construct panorama Extent of 53.5° planar panorama Artfield Forest	Kilgallioch	
		Ballmurrie Fell	+ ++ ++ ++	
Wireline Drawing showing Operational and Consented Cumulative Sites - Proposed Artfield Forest Turbines Shown In Red Figure: 5.12a Viewpoint 4: Bruce's Stone, Merrick Car Park Artfield Forest Wind Farm Environmental Impact Assessment Report	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° cy Principal distance: 812.5m	ylindrical projection) Camera: Nikon I mm Lens: 50mm Camera height: 1.5m A Date and time: 28/03/2





Wireline Drawing showing Operational and Consented Cumulative Sites



OS reference: Eye Level: Direction of view: Distance to Development:

241580 580327 124m AOD 326° 21.14km

Horizontal field of view: Principal distance:

(90° cylindrical projection) Camera: 812.5mm Lens:



Camera height: Date and time:

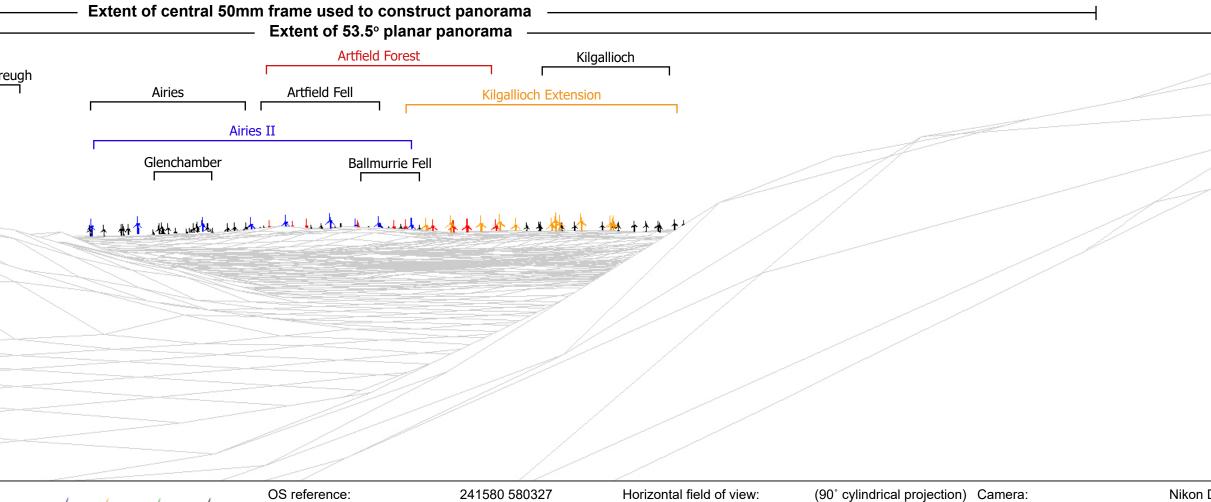
Nikon D750 50mm (Nikon AF 50mm f/1.4) 1.5m AGL 28/03/2020 08:24



Wind Farm Status Turbine Colour Key

	Constanting of the local division of the loc	
and the second	and the second second	
A CONTRACTOR OF THE OWNER OWNE		
1 - Contraction in		
	and the second second	
A CARLES AND A CAR	114	
11	The the states of the states of	Contraction of the second s
		The second second
	Martin Contraction	
the state of the second		
seline Photograph	Charles and the	
		Cars
/ireline Drawing - Proposed Artfield Forest Turbines Shown In Red		
Figure: 5.12c /iewpoint 4: Bruce's Stone, Merrick Car Park	RAMBOLL	Wind Farm Sta
Artfield Forest Wind Farm Environmental Impact Assessment Report	KAMBOLL	Turbine Colour





Scoping In Planning

Eye Level: Direction of view: Distance to Development:

241580 580327 124m AOD 236° 21.14km

Horizontal field of view: Principal distance:

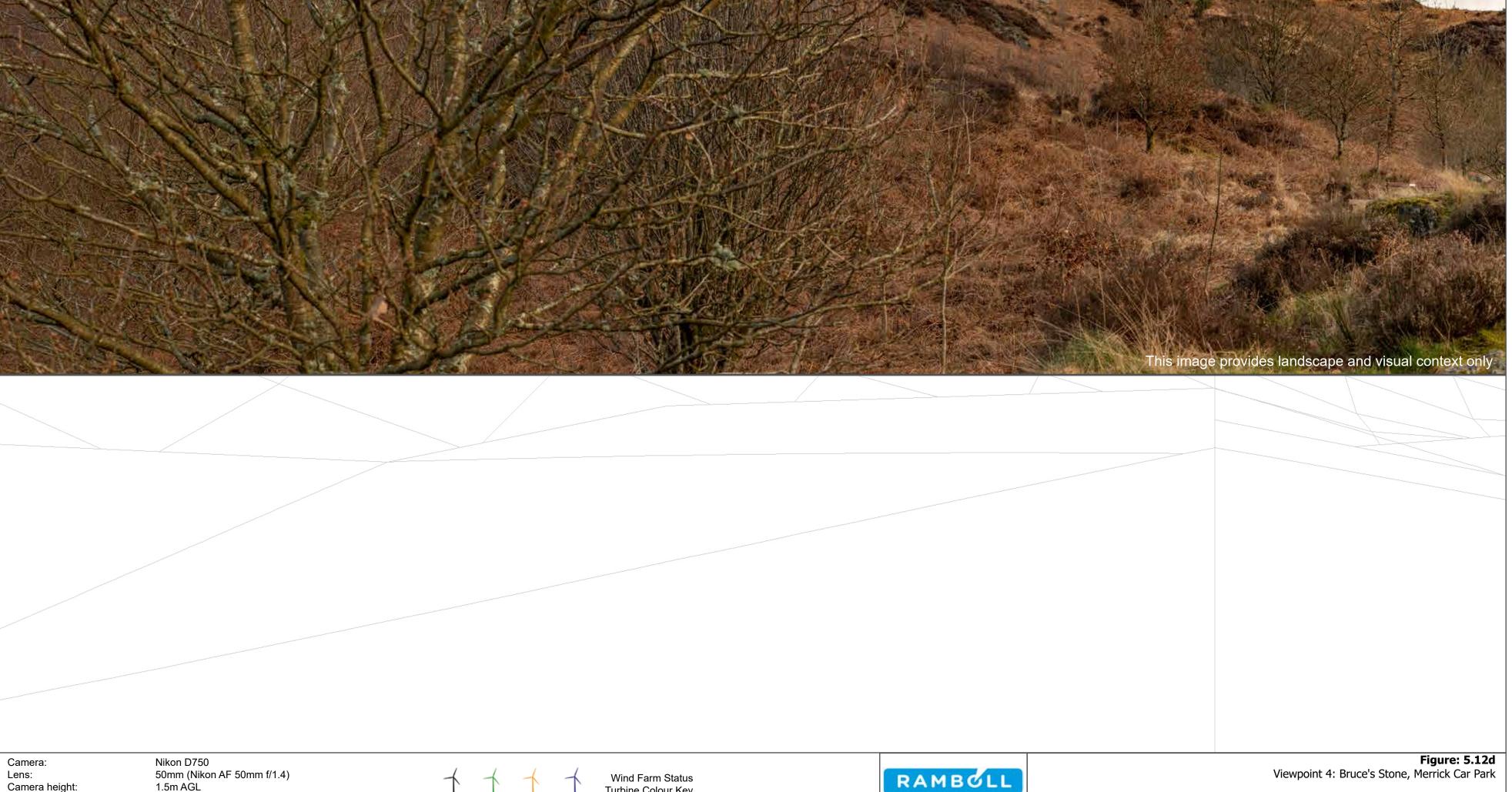
(90° cylindrical projection) Camera: 812.5mm Lens:

Camera height: Date and time:



Wireline Drawing	OS reference: Eye Level: Direction of view: Distance to Development:	241580 580327 124m AOD 326° 21.14km	Horizontal field of view: Principal distance:	(90° cylindrical projection) 812.5mm	() [[
Baseline Photograph				N. L. HER	
A Marken Market			1× × × ×	North I	
			The second second		
TAN A STAR				ANTAL	
			LAN A		SARA SA
A HOLD KE	THE	K A			VO PORT
		No P	North Contraction		MUN
	LUCIE GL. DEDAMER NO. 1				

GALLOWAY



Camera height: Date and time:

Nikon D750 50mm (Nikon AF 50mm f/1.4) 1.5m AGL 28/03/2020 08:24



Wind Farm Status Turbine Colour Key

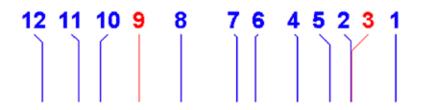


Wireline

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



Artfield Forest Wind Farm Environmental Impact Assessment Report



OS reference: Eye Level: Direction of view: Distance to Development: 21.14km

241580 580327 124m AOD 236°

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



241580 580327 124m AOD 236° 21.14km

Horizontal field of view:53.5° (planar projection)Camera:Principal distance:812.5mmLens:Paper size:841 x 297 mmCamera heCorrect printed image size:820 x 260 mmDate and ti

Camera height: Date and time:

Nikon D750 50mm (Nikon AF 50mm f/1.4) 1.5m AGL 28/03/2020 08:24



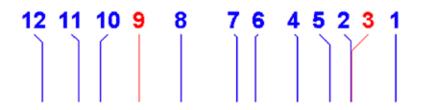
Figure: 5.12f Viewpoint 4: Bruce's Stone, Merrick Car Park

Wireline

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



Artfield Forest Wind Farm Environmental Impact Assessment Report



1 1 1 1

OS reference: Eye Level: Direction of view: Distance to Development: 21.14km

241580 580327 124m AOD 236°

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



241580 580327 124m AOD 236° 21.14km

Horizontal field of view:53.5° (planar projection)Camera:Principal distance:812.5mmLens:Paper size:841 x 297 mmCamera heCorrect printed image size:820 x 260 mmDate and ti

Camera height: Date and time:

Nikon D750 50mm (Nikon AF 50mm f/1.4) 1.5m AGL 28/03/2020 08:24

RAMBOLL

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

									I State I
Baseline Photograph									
F				Extent of central 50mm frame ent of 53.5° planar panorama	used to construct pa	norama ————			
	Barlockhart Moor Barlockhart Moor Extension Meikle Float Farm	North Rhins Carscreugh	Glenchamber Larbrax	Artfield Forest	Glen App	T Kilgallioch	Arecleoo Chirmorie	ch1	
	5-14-381-4-4	ગત થયા ગયા ગયા ગયા ૧ કરૂ શ્વાસ અને કેર્યમાન્ય ન	* +1. +1. +1. +1	** *** * *************	₩ + + +++++++++++++	\$\$ \$ \$\$ \$} \$\$\$ [†] \$\$\$ \$\$\$ \$\$\$ \$	H. 计 教科学科 教育科学科科	<u>\$</u> t \$#* # +\$t 2\$## } \$ +1	
Wireline Drawing showing Operational and Consented Cumulative Sites - Proposed Artfield Forest Tur	rbines Shown In Red								
Figure: 5.13a Viewpoint 5: Cairnsmore of Fleet Artfield Forest Wind Farm Environmental Impact Assessment Report	RAMBOLL	Wind Farm Status Turbine Colour Key	y T Consented Operat	OS reference: Eye Level: Direction of view: Distance to Development:	250113 567048 710m AOD 273° 25.32km	Horizontal field of view: Principal distance:	(90° cylindrical projectior 812.5mm	n) Camera: Lens: Camera height: Date and time:	Niko 50m 1.5n 30/0



ikon D750 0mm (Nikon AF 50mm f/1.4) 5m AGL 0/03/2020 10:34

