Pentland floating offshore wind farm Volume 4: Visual Materials A.16.9A

110

SLVIA Viewpoints (NatureScot)





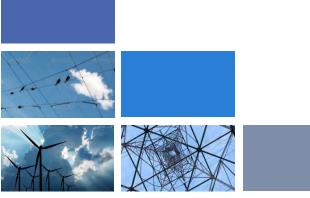
OFFSHORE EIAR (VOLUME 4): VISUAL MATERIALS

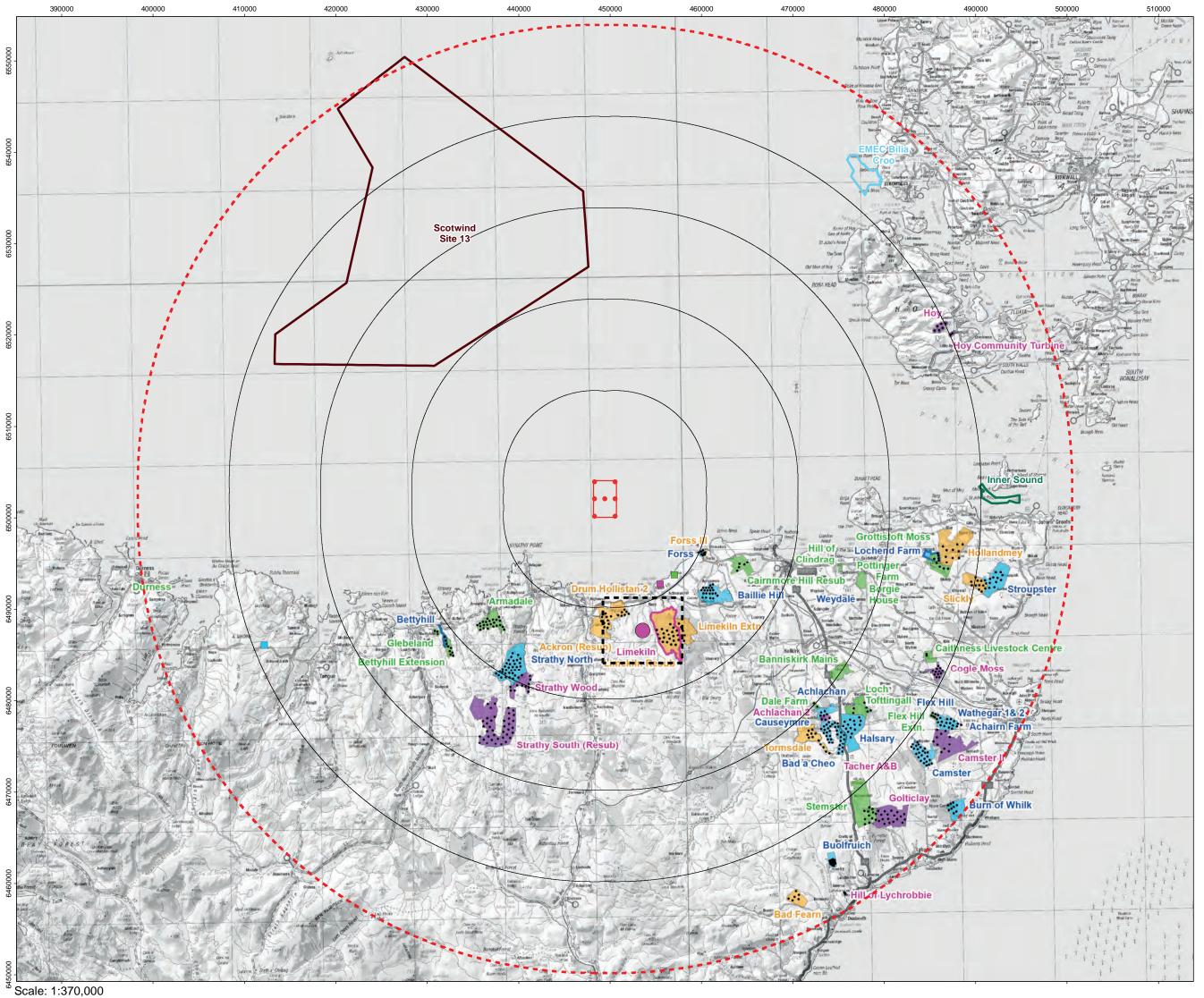
APPENDIX 16.9.A: SLVIA VIEWPOINTS (NATURESCOT)

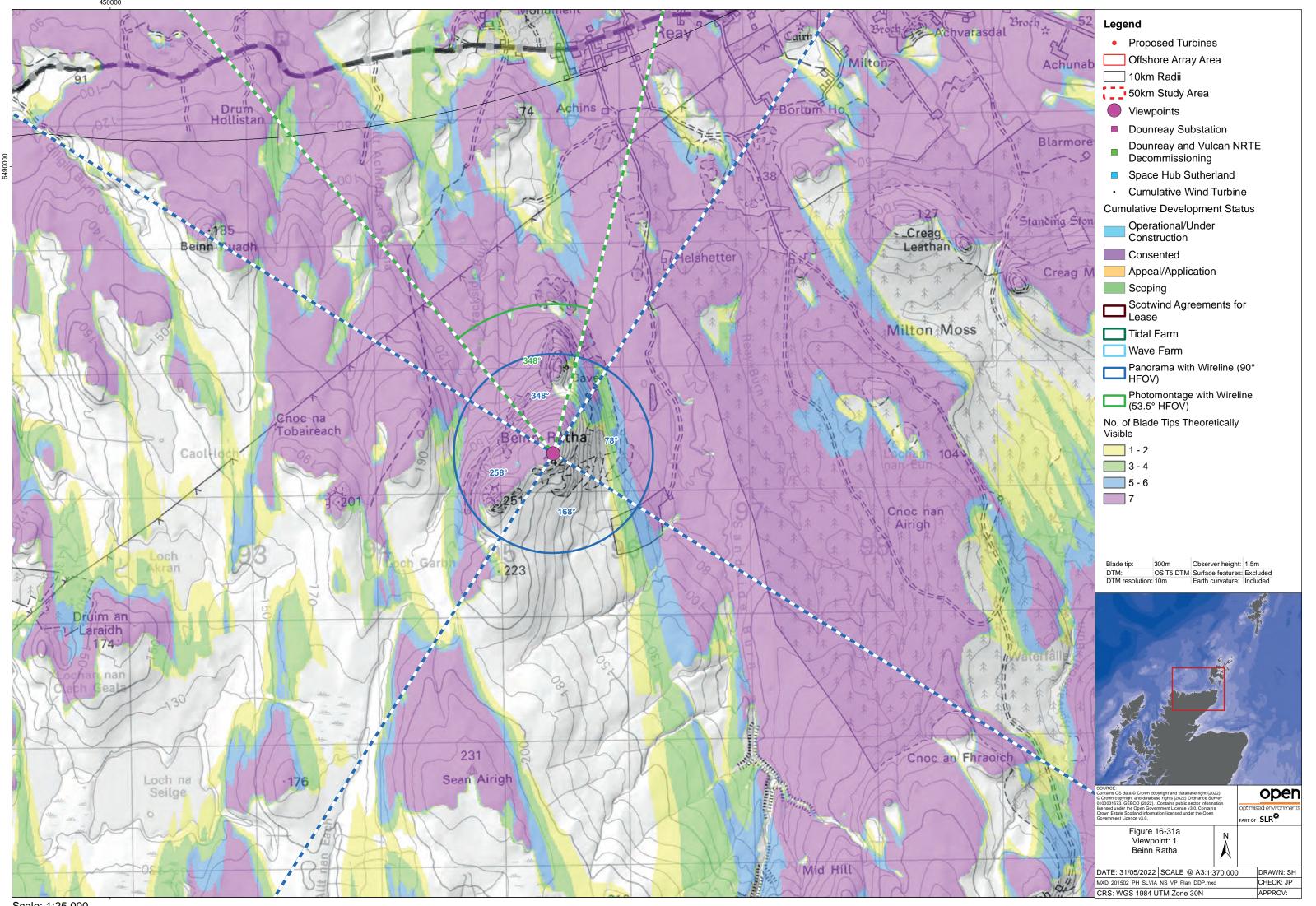
Document Title:	Pentland Floating Offshore Wind Farm Offshore EIAR	
Document no.	GBPNTD-ENV-OPE-RP-00009	
Project:	Pentland Floating Offshore Wind Farm	
Originator Company	Optimised Environments (OPEN)	
Revision	01	
Originator	Jo Phillips	
Date	21.07.2022	

Revision History:

Revision	Date	Status	Originator	Reviewed	Approved
01	21.07.2022	Final	JP	TW/PM	PM







Scale: 1:25,000



Elevation Direction of view 348° Nearest turbine 12,875 m Principal distance Paper size

522 mm 841 x 297 mm (half A1) Correct printed image size 820 x 130 mm

Lens Camera height 1.5m AGL Date & time taken 15/04/2021 13:45

Figure 16.31b Viewpoint 1: Beinn Ratha Panorama with Cumulative Wireline (view 1 of 4)

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Forss I<u>II (1</u>0.7km) Forss (10.5km)

Hoy Community Turbine (46.7km) Hoy (45.8km)

Baillie Hill (7.5km)

240.2 m AOD

Cumulative Wireline View - Proposed turbines in red, operational / under construction in blue, consented in purple, application in orange

OS reference Elevation Direction of view 78° Nearest turbine 12,875 m

295429 E 961312 N

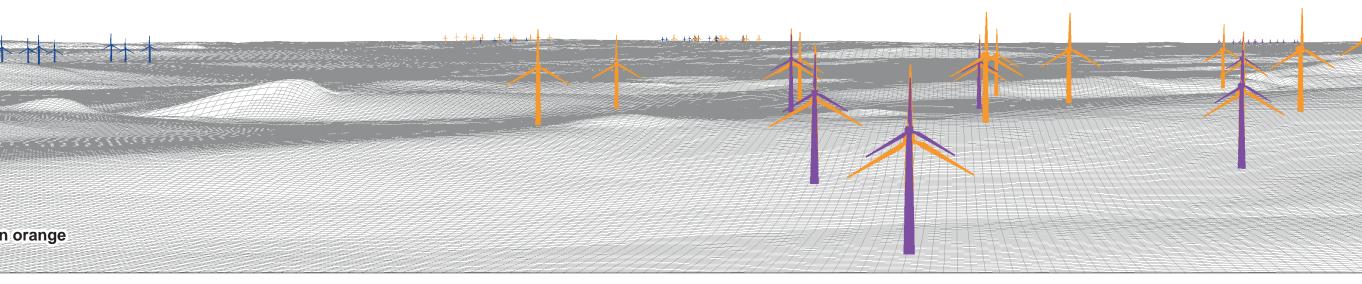
Horizontal field of view Principal distance Paper size Correct printed image size 820 x 130 mm

90° (cylindrical projection) 522 mm 841 x 297 mm (half A1)

Camera Lens Camera height 1.5m AGL Date & time taken 15/04/2021 13:45

Canon EOS 5D Mark II Canon EF 50mm f/1.4

Hollandmey (34.1km) Cogle Moss (32.1km) troupster (37.9km) Lochend Farm (33.3km) Slickly (36.3km Limekiln Extension (4km) Limekiln (1.6km) Limekiln Resub (1.6km)



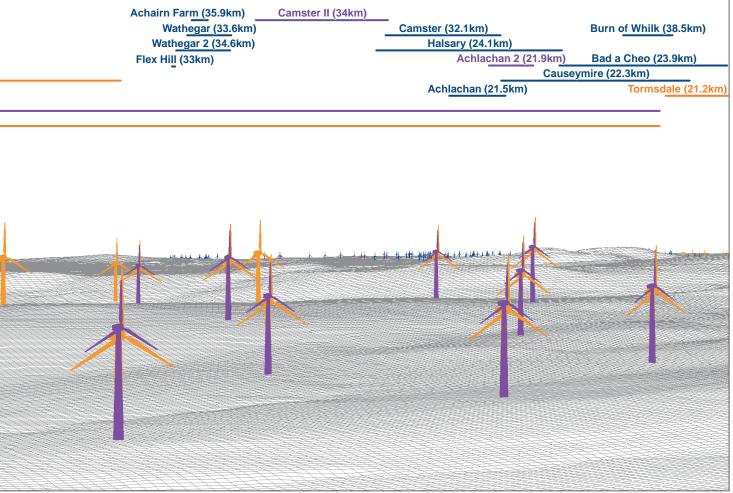
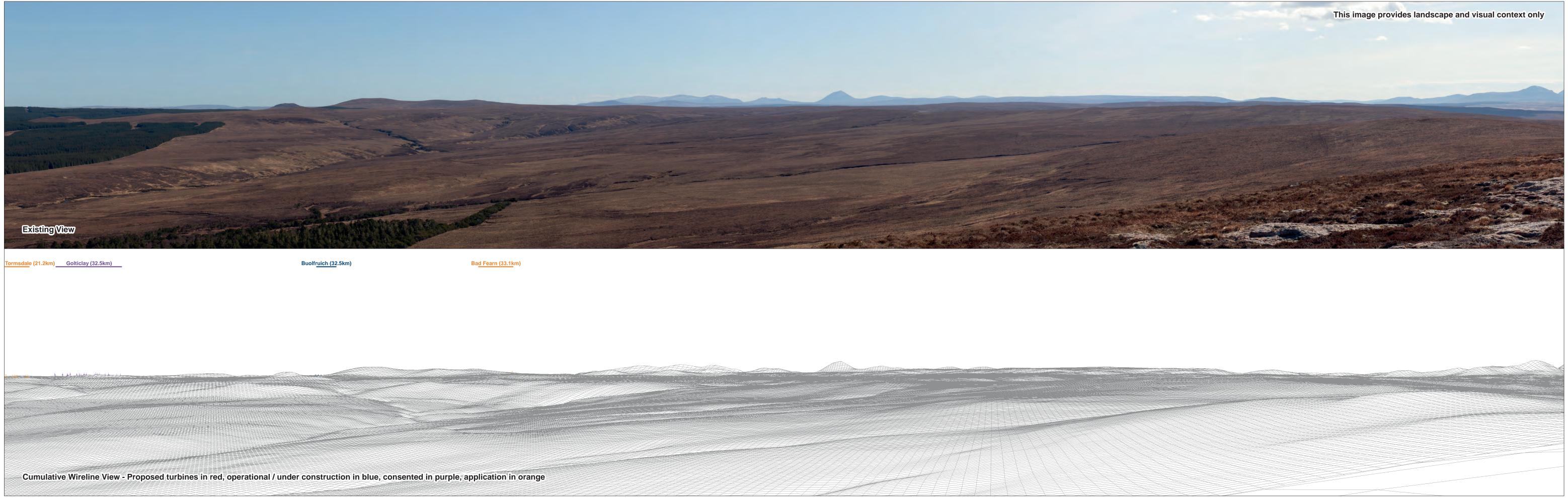


Figure 16.31c Viewpoint 1: Beinn Ratha Panorama with Cumulative Wireline (view 2 of 4)



OS reference Elevation Direction of view 168° Nearest turbine 12,875 m

295429 E 961312 N 240.2 m AOD

Horizontal field of view Principal distance Paper size Correct printed image size 820 x 130 mm

90° (cylindrical projection) 522 mm 841 x 297 mm (half A1)

Camera Lens
 Camera height
 1.5m AGL

 Date & time taken
 15/04/2021 13:45

Canon EOS 5D Mark II Canon EF 50mm f/1.4

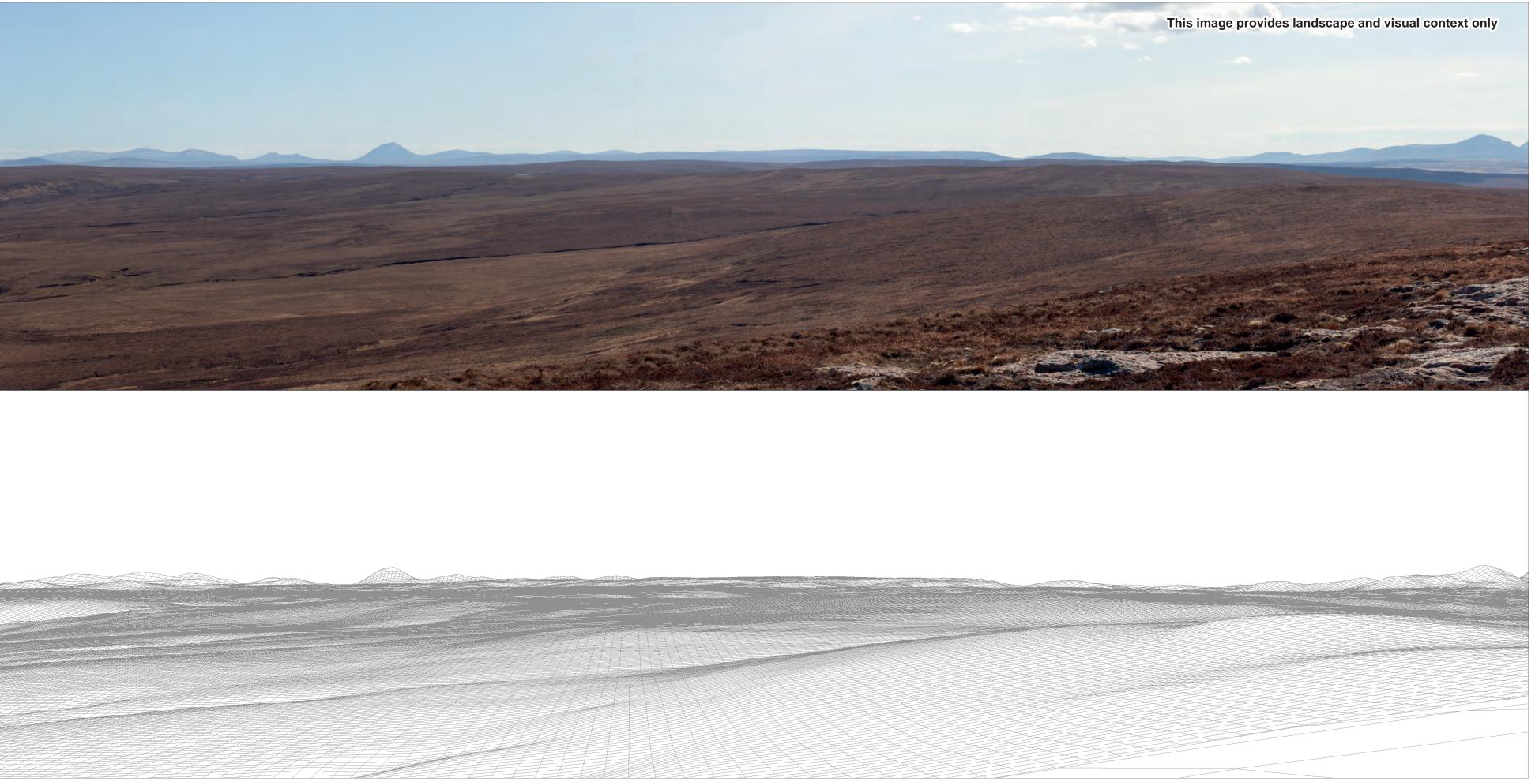
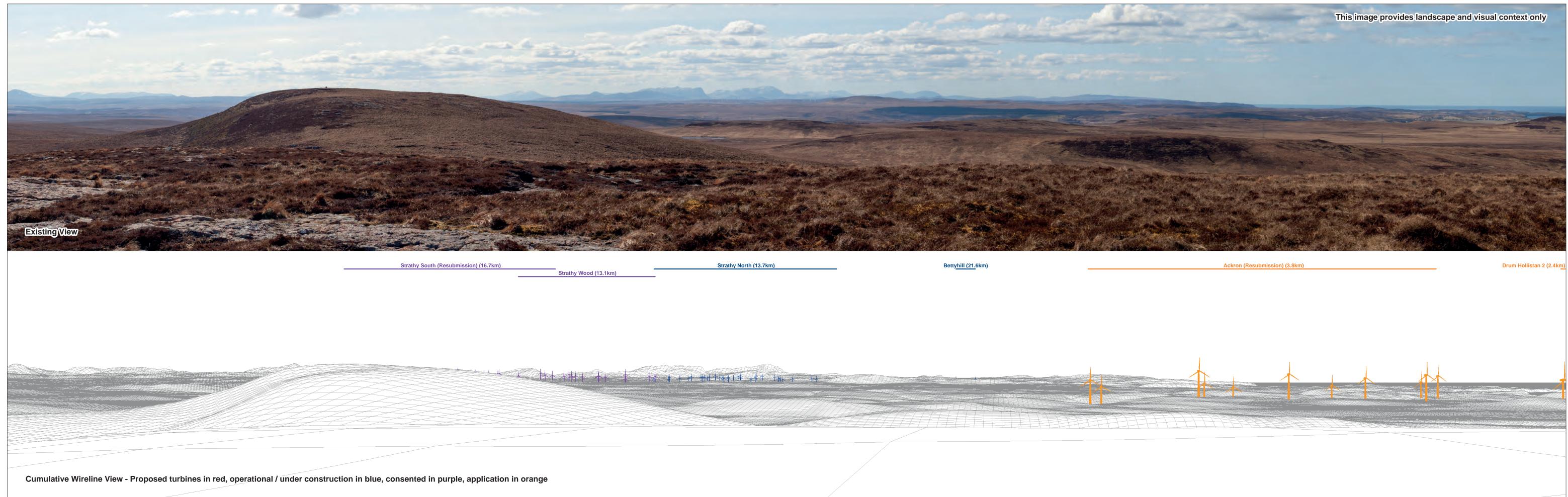


Figure 16.31d Viewpoint 1: Beinn Ratha Panorama with Cumulative Wireline (view 3 of 4)



OS reference Elevation 240.2 m AOD Direction of view 258° Nearest turbine 12,875 m

295429 E 961312 N Principal distance Paper size

Horizontal field of view 90° (cylindrical projection) 522 mm 841 x 297 mm (half A1) Correct printed image size 820 x 130 mm

Camera Lens Camera height 1.5m AGL Date & time taken 15/04/2021 13:45

Canon EOS 5D Mark II Canon EF 50mm f/1.4

Figure 16.31e Viewpoint 1: Beinn Ratha Panorama with Cumulative Wireline (view 4 of 4) © Crown Copyright and database right (2022). Licence Number 0100031673.

Wireline View

OS reference Elevation Direction of view 348° Nearest turbine 12,875 m

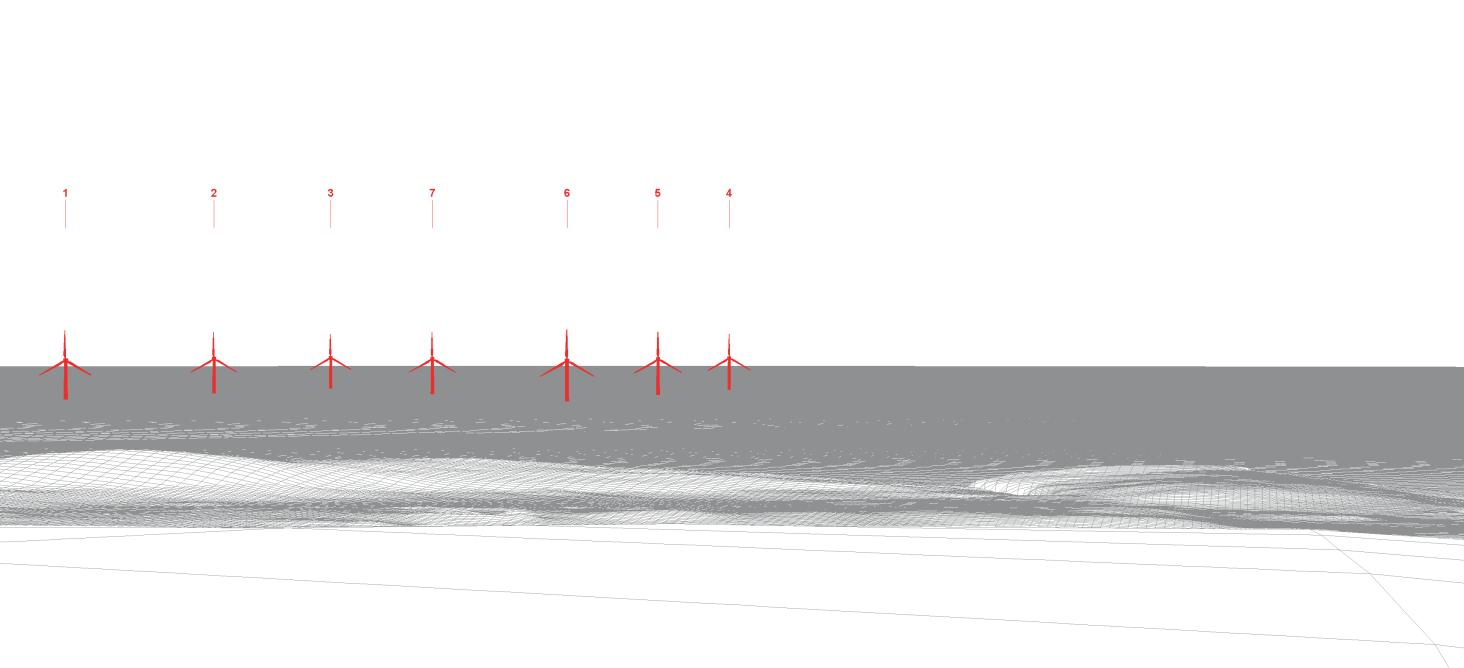
295429 E 961312 N 240.2 m AOD

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

53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1)

Camera Lens Camera height 1.5m AGL Date & time taken 15/04/2021 13:45

Canon EOS 5D Mark II Canon EF 50mm f/1.4



View flat at a comfortable arm's length

Figure 16.31f Viewpoint 1: Beinn Ratha Wireline



OS reference Elevation Direction of view 348° Nearest turbine 12,875 m

295429 E 961312 N 240.2 m AOD

Horizontal field of view Principal distance

53.5° (planar projection) 812.5 mm Paper size841 x 297 mm (half A1)Correct printed image size820 x 260 mm

CameraCanon EOS 5D Mark IILensCanon EF 50mm f/1.4Camera height1.5m AGLDate & time taken15/04/2021 13:45

Figure 16.31g Viewpoint 1: Beinn Ratha Photomontage



OS reference Elevation Direction of view 348°

295429 E 961312 N 240.2 m AOD Nearest turbine 12,875 m

Horizontal field of view Principal distance Paper size

53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1) Correct printed image size 820 x 260 mm

CameraCanon EOS 5D Mark IILensCanon EF 50mm f/1.4Camera height1.5m AGLDate & time taken15/04/2021 13:45

Figure 16.31h Viewpoint 1: Beinn Ratha Photomontage © Crown Copyright and database right (2022). Licence Number 0100031673.



Direction of view 348°

Nearest turbine 12,872 m

Paper size

Correct printed image size 820 x 130 mm

841 x 297 mm (half A1)

Date & time taken 19/05/2022 22:15

Viewpoint 1: Beinn Ratha Night-time Panorama with Cumulative Wireline (view 1 of 4)



Forss I<u>II (1</u>0.7km) Forss (10.5km)

Hoy Community Turbine (46.7km) Hoy (45.8km)

Baillie Hill (7.5km)

h h h h h h h

240.2 m AOD

* ****

Cumulative Wireline View - Proposed turbines in red, operational / under construction in blue, consented in purple, application in orange

OS reference Elevation Direction of view 78° Nearest turbine 12,872 m

295425 E 961313 N

1111

Paper size

Horizontal field of view 90° (cylindrical projection) Principal distance 522 mm Correct printed image size 820 x 130 mm

841 x 297 mm (half A1)

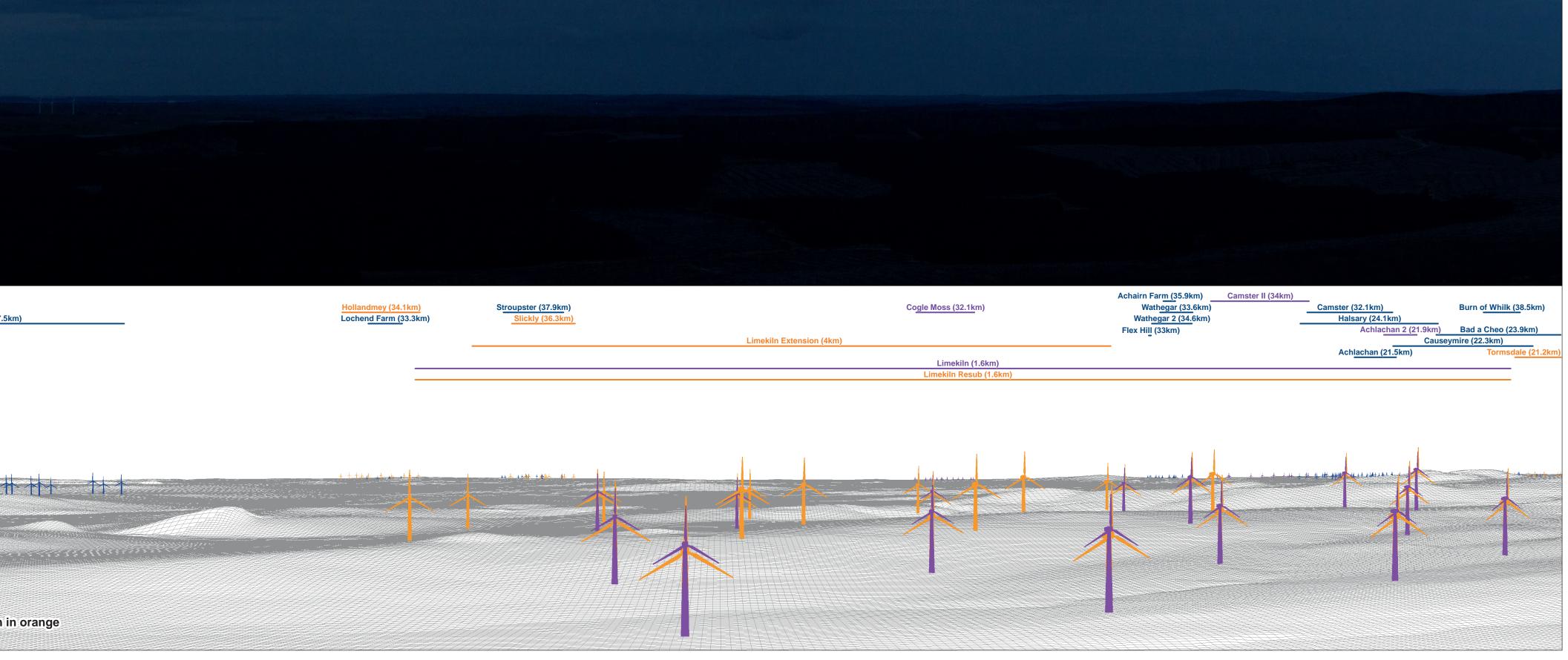
Camera height 1.5m AGL Date & time taken 19/05/2022 22:15

Camera

Lens

Canon EOS 5D Mark II Canon EF 50mm f/1.4

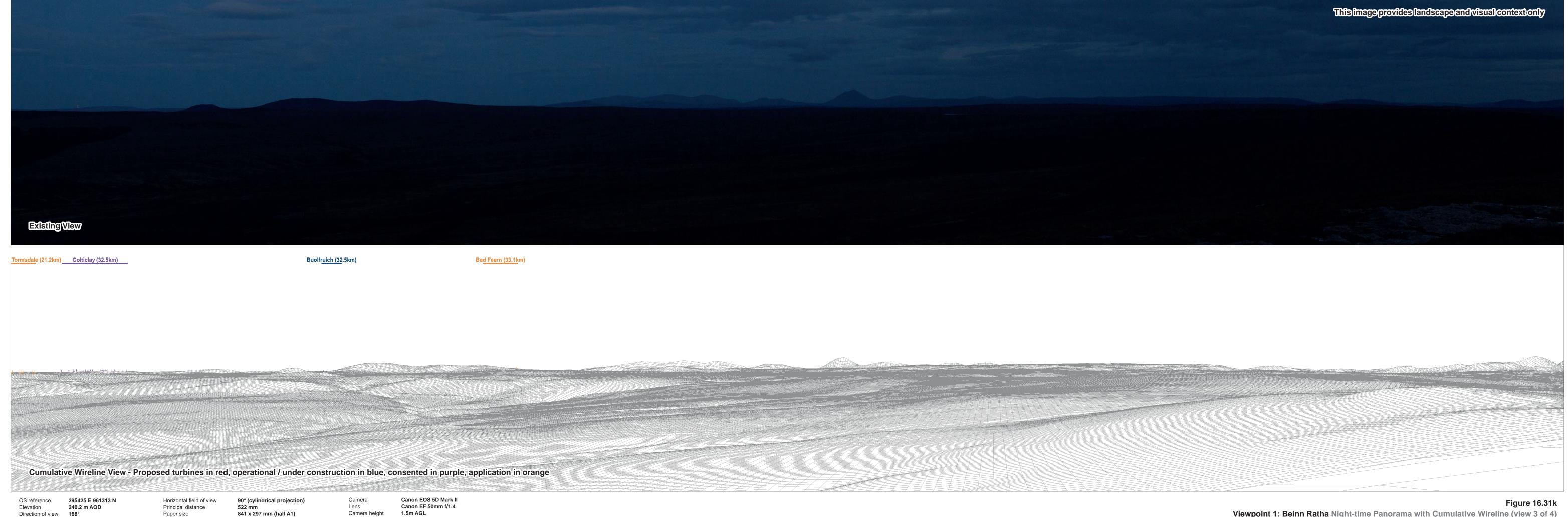
Hollandmey (34.1km) Lochen <u>d Farm (</u> 33.3km)	Stroupster (37.9km) Slickly (36.3km)	Co <u>gle Moss (32.1k</u> m)
		Limekiln Extension (4km)
		Limekiln (1.6km
		Limekiln Resub (1.6



This image provides landscape and visual context only

Figure 16.31j Viewpoint 1: Beinn Ratha Night-time Panorama with Cumulative Wireline (view 2 of 4)

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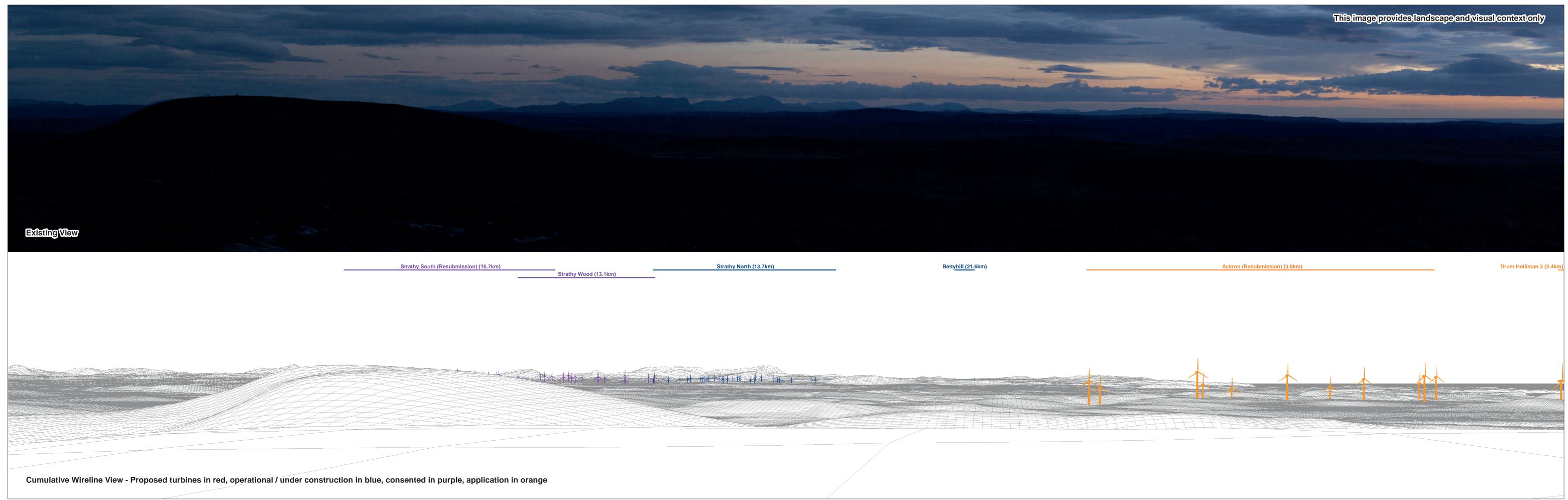
Date & time taken 19/05/2022 22:15

Nearest turbine 12,872 m

Correct printed image size 820 x 130 mm

Viewpoint 1: Beinn Ratha Night-time Panorama with Cumulative Wireline (view 3 of 4)

© Crown Copyright and database right (2022). Licence Number 0100031673.



OS reference Elevation 240.2 m AOD Direction of view 258° Nearest turbine 12,872 m

295425 E 961313 N Principal distance Paper size

Horizontal field of view 90° (cylindrical projection) 522 mm 841 x 297 mm (half A1) Correct printed image size 820 x 130 mm

Camera Lens Camera height 1.5m AGL Date & time taken 19/05/2022 22:15

Canon EOS 5D Mark II Canon EF 50mm f/1.4

Figure 16.31I Viewpoint 1: Beinn Ratha Night-time Panorama with Cumulative Wireline (view 4 of 4)

Photomontage (2000 candela lights)

OS reference Elevation Direction of view 348° Nearest turbine 12,872 m

295425 E 961313 N 240.2 m AOD

Horizontal field of view Principal distance Paper size

53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1) Correct printed image size 820 x 260 mm

Camera Lens Camera height 1.5m AGL Date & time taken 19/05/2022 22:15

Canon EOS 5D Mark II Canon EF 50mm f/1.4

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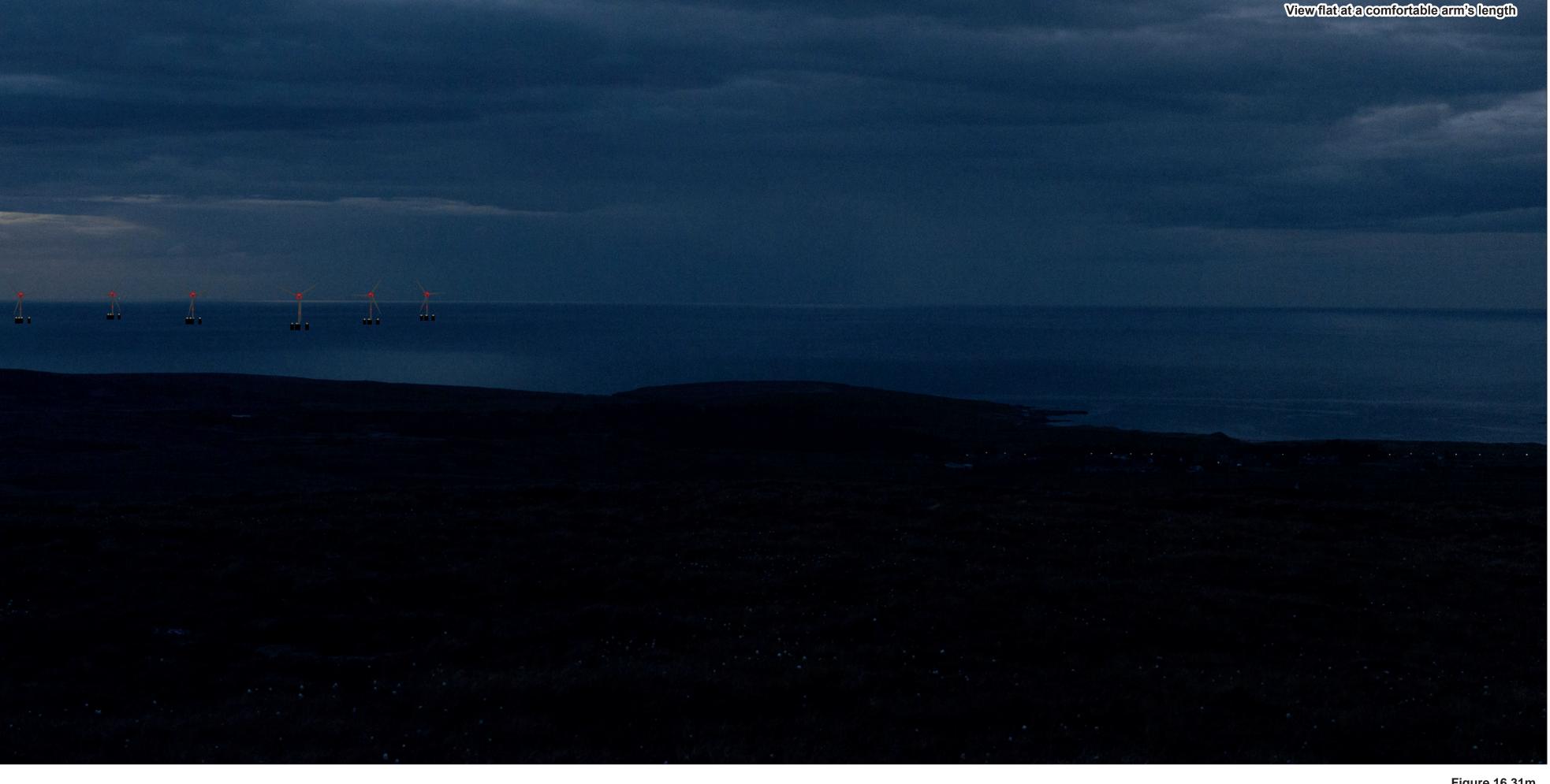


Figure 16.31m Viewpoint 1: Beinn Ratha Night-time Photomontage © Crown Copyright and database right (2022). Licence Number 0100031673.

Photomontage (200 candela lights)

OS reference Elevation Direction of view 348° Nearest turbine 12,872 m

295425 E 961313 N 240.2 m AOD

Horizontal field of view Principal distance Paper size

53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1) Correct printed image size 820 x 260 mm

Camera Lens Camera height 1.5m AGL

Canon EOS 5D Mark II Canon EF 50mm f/1.4 Date & time taken 19/05/2022 22:15

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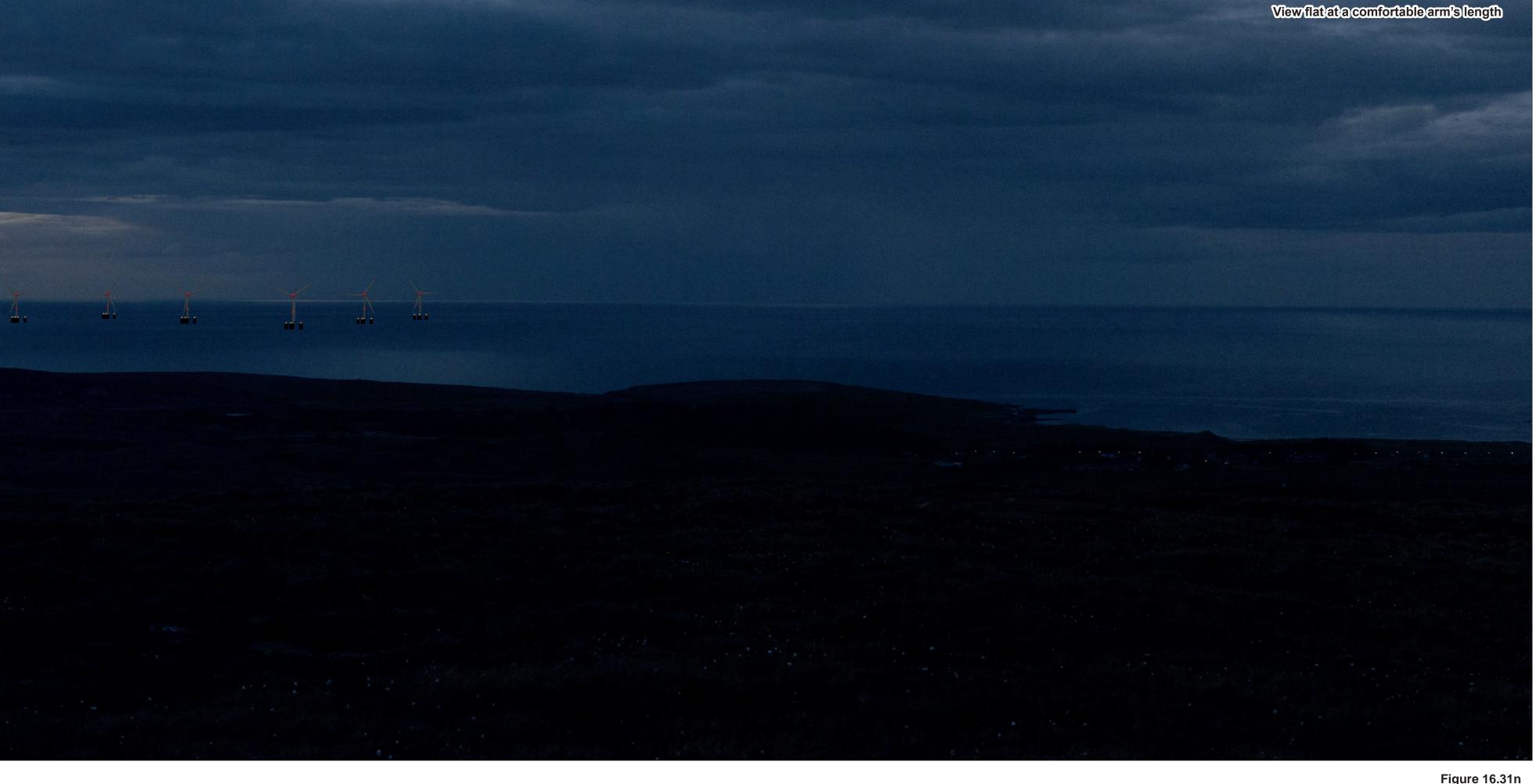
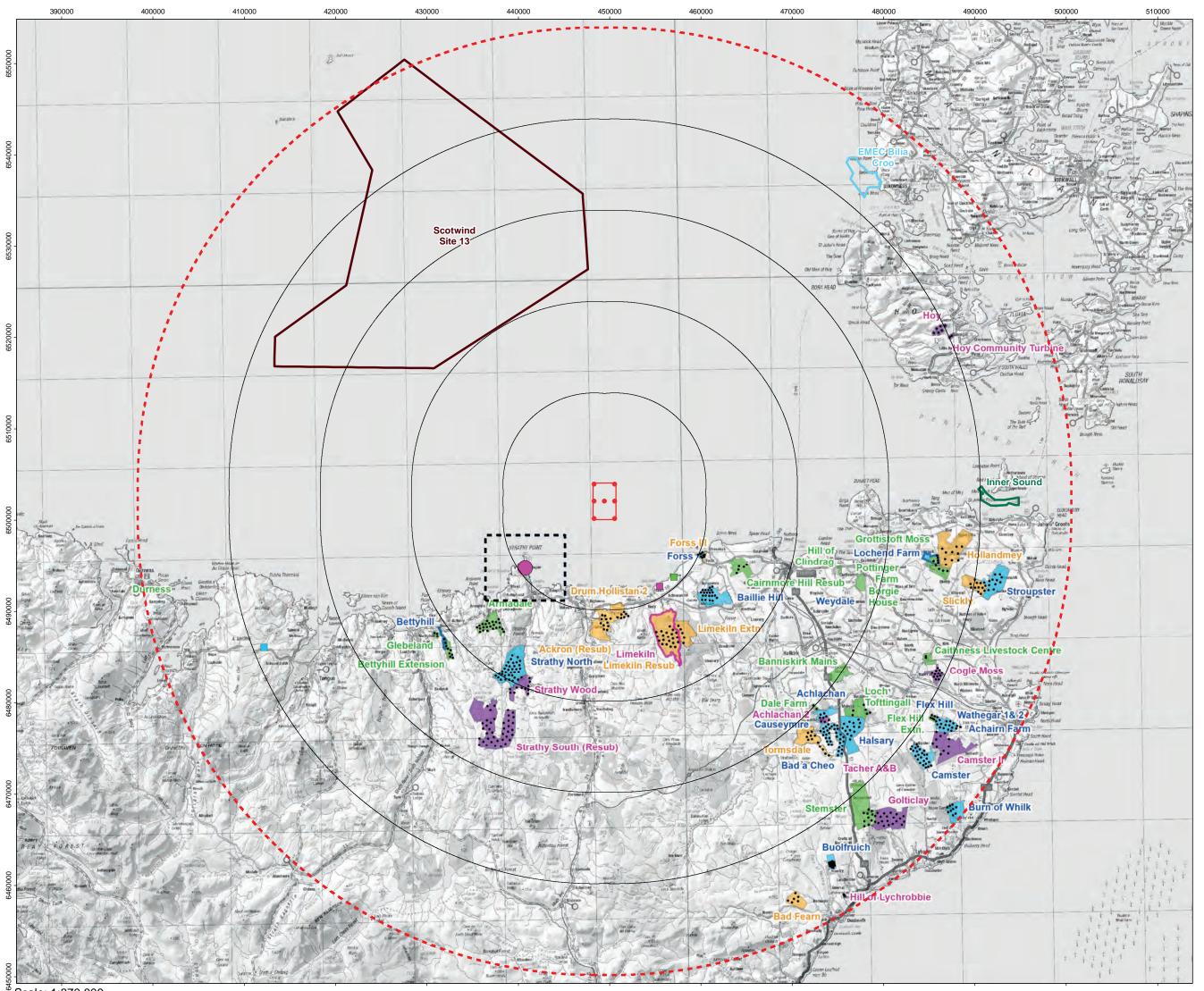
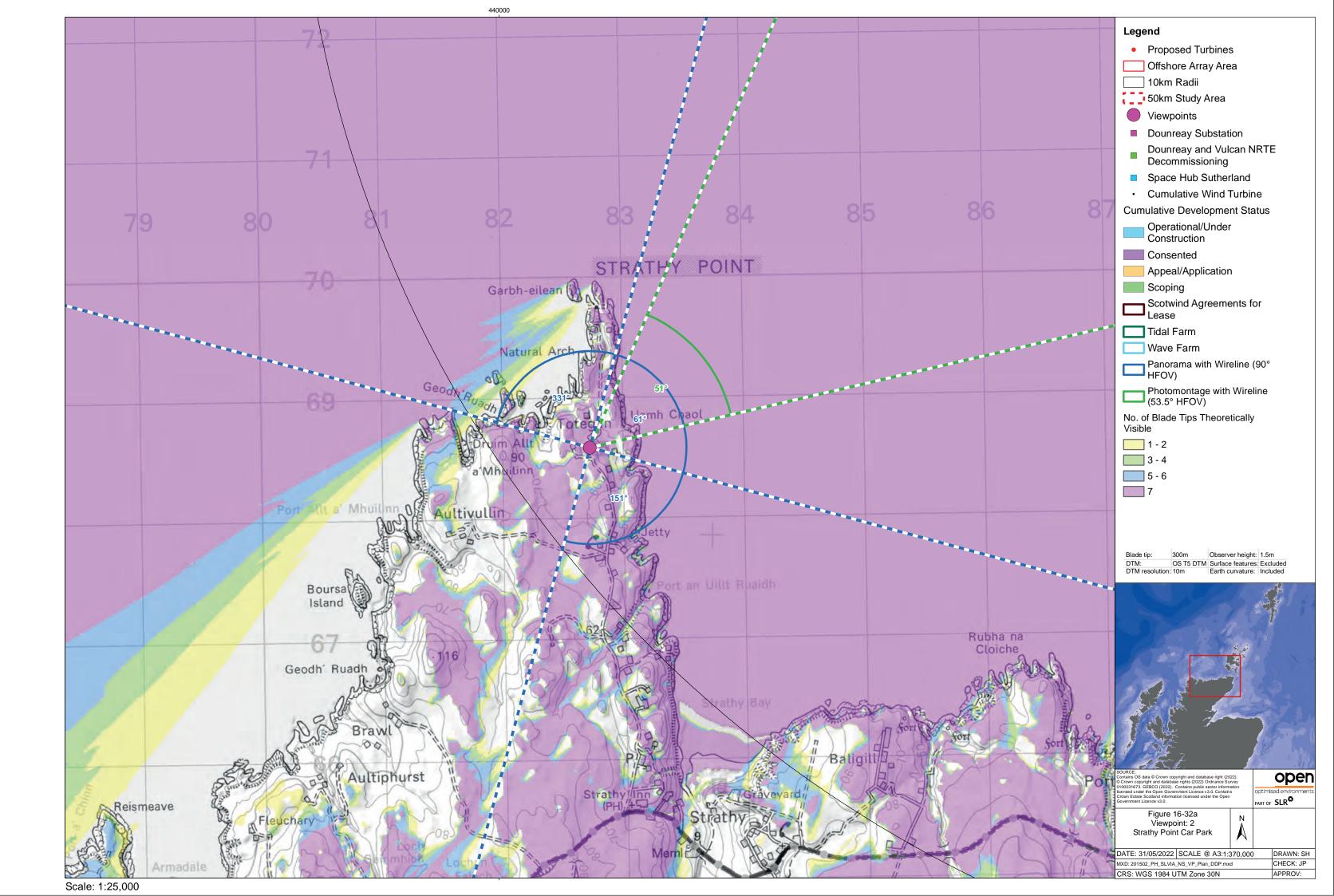
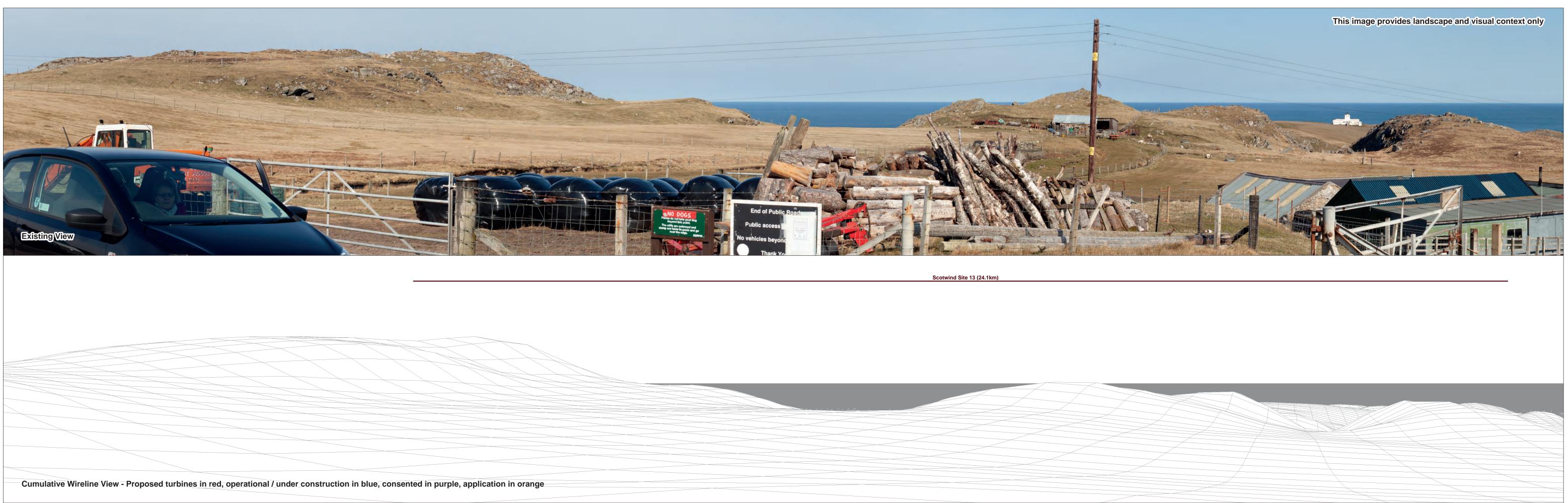


Figure 16.31n Viewpoint 1: Beinn Ratha Night-time Photomontage © Crown Copyright and database right (2022). Licence Number 0100031673.



Scale: 1:370,000





OS reference Elevation 60.8 m AOD Direction of view 331° Nearest turbine 9,312 m

282725 E 968587 N

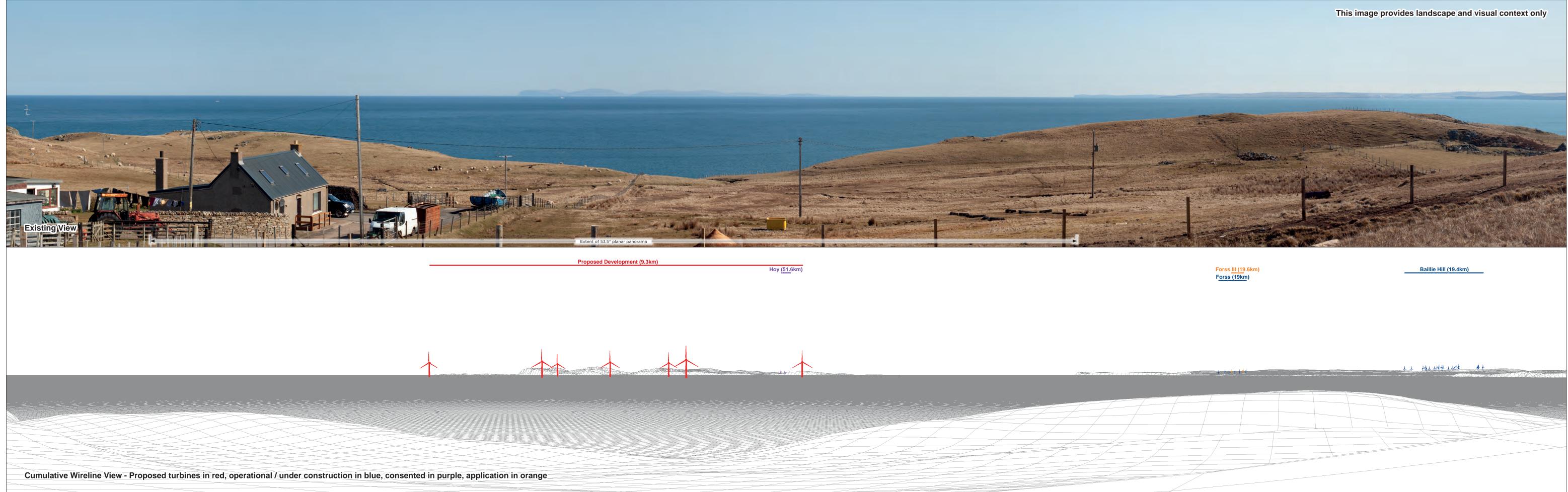
Horizontal field of view Principal distance Paper size Correct printed image size 820 x 130 mm

90° (cylindrical projection) 522 mm 841 x 297 mm (half A1)

Camera Lens Camera height 1.5m AGL Date & time taken 16/04/2021 09:55

Canon EOS 5D Mark II Canon EF 50mm f/1.4

Figure 16.32b Viewpoint 2: Strathy Point Car Park Panorama with Cumulative Wireline (view 1 of 3)



282725 E 968587 N OS reference Elevation 60.8 m AOD Direction of view 61° Nearest turbine 9,312 m

Principal distance Paper size

Horizontal field of view 90° (cylindrical projection) 522 mm 841 x 297 mm (half A1) Correct printed image size 820 x 130 mm

Camera Lens Camera height 1.5m AGL Date & time taken 16/04/2021 09:55

Canon EOS 5D Mark II Canon EF 50mm f/1.4

Figure 16.32c Viewpoint 2: Strathy Point Car Park Panorama with Cumulative Wireline (view 2 of 3)

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OS reference Elevation 60.8 m AOD Direction of view 151° Nearest turbine 9,312 m

282725 E 968587 N

Horizontal field of view Principal distance Paper size Correct printed image size 820 x 130 mm

90° (cylindrical projection) 522 mm 841 x 297 mm (half A1)

Camera Lens
 Camera height
 1.5m AGL

 Date & time taken
 16/04/2021 09:55

Canon EOS 5D Mark II Canon EF 50mm f/1.4

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Wireline View	

OS reference 282725 E 968587 N Elevation Direction of view 51° Nearest turbine 9,312 m

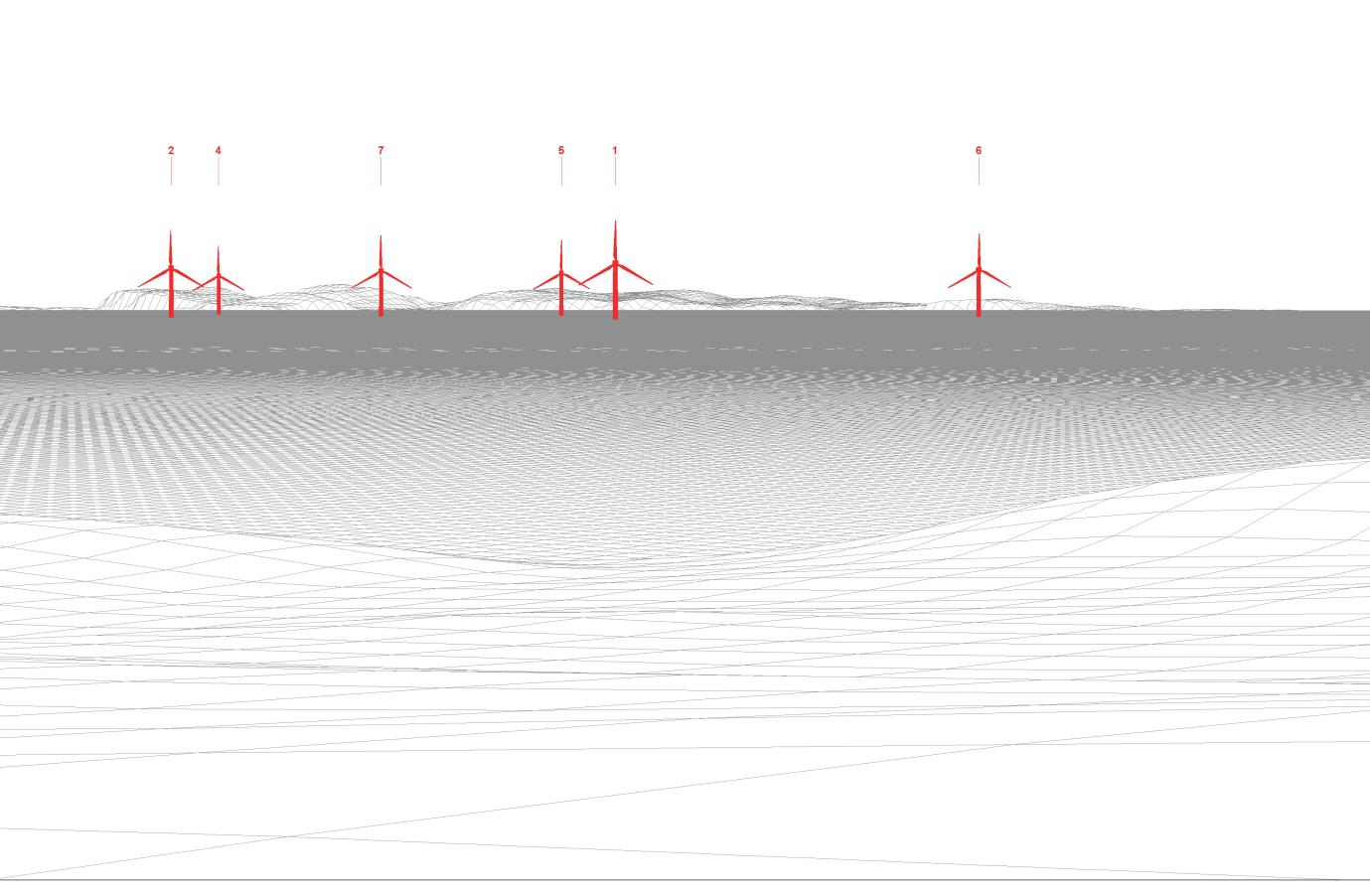
60.8 m AOD

Principal distance Paper size

Horizontal field of view 53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1) Correct printed image size 820 x 260 mm

Camera Lens Camera height 1.5m AGL Date & time taken 16/04/2021 09:55

Canon EOS 5D Mark II Canon EF 50mm f/1.4



View flat at a comfortable arm's length





OS reference282725 E 9Elevation60.8 m AODirection of view51°Nearest turbine9,312 m

282725 E 968587 N 60.8 m AOD

Horizontal field of view53.5° (planar projection)Principal distance812.5 mmPaper size841 x 297 mm (half A1)Correct printed image size820 x 260 mm

CameraCanon EOS 5D Mark IILensCanon EF 50mm f/1.4Camera height1.5m AGLDate & time taken16/04/2021 09:55

Figure 16.32f Viewpoint 2: Strathy Point Car Park Photomontage © Crown Copyright and database right (2022). Licence Number 0100031673.



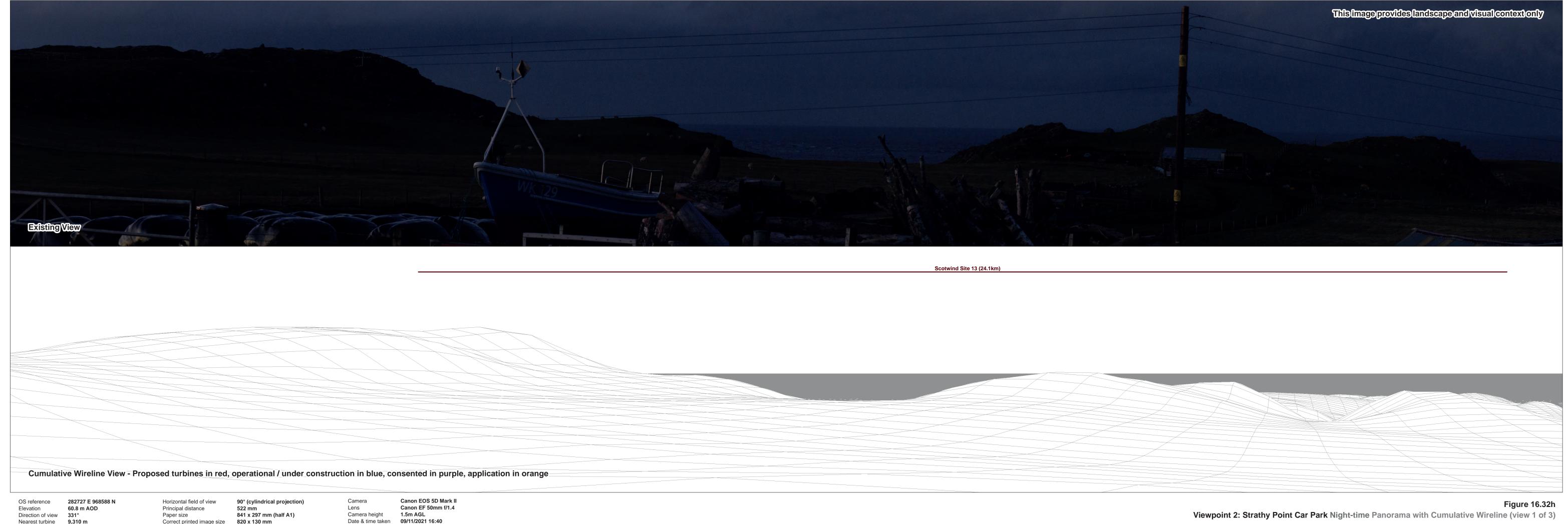
OS reference282725 E 9Elevation60.8 m AODirection of view51°Nearest turbine9,312 m

282725 E 968587 N 60.8 m AOD

Horizontal field of view53.5° (planar projection)Principal distance812.5 mmPaper size841 x 297 mm (half A1)Correct printed image size820 x 260 mm

CameraCanon EOS 5D Mark IILensCanon EF 50mm f/1.4Camera height1.5m AGLDate & time taken16/04/2021 09:55

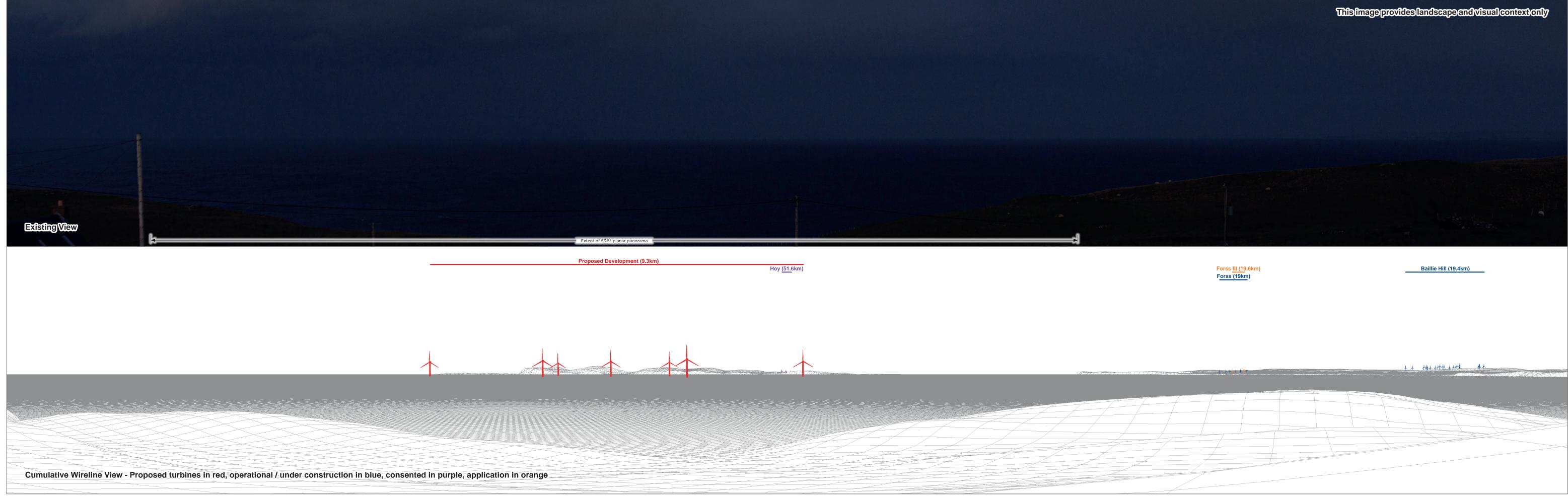
Figure 16.32g Viewpoint 2: Strathy Point Car Park Photomontage © Crown Copyright and database right (2022). Licence Number 0100031673.



Nearest turbine 9,310 m

Correct printed image size 820 x 130 mm

Viewpoint 2: Strathy Point Car Park Night-time Panorama with Cumulative Wireline (view 1 of 3)



282727 E 968588 N OS reference Elevation 60.8 m AOD Direction of view 61° Nearest turbine 9,310 m

Horizontal field of view Principal distance Paper size

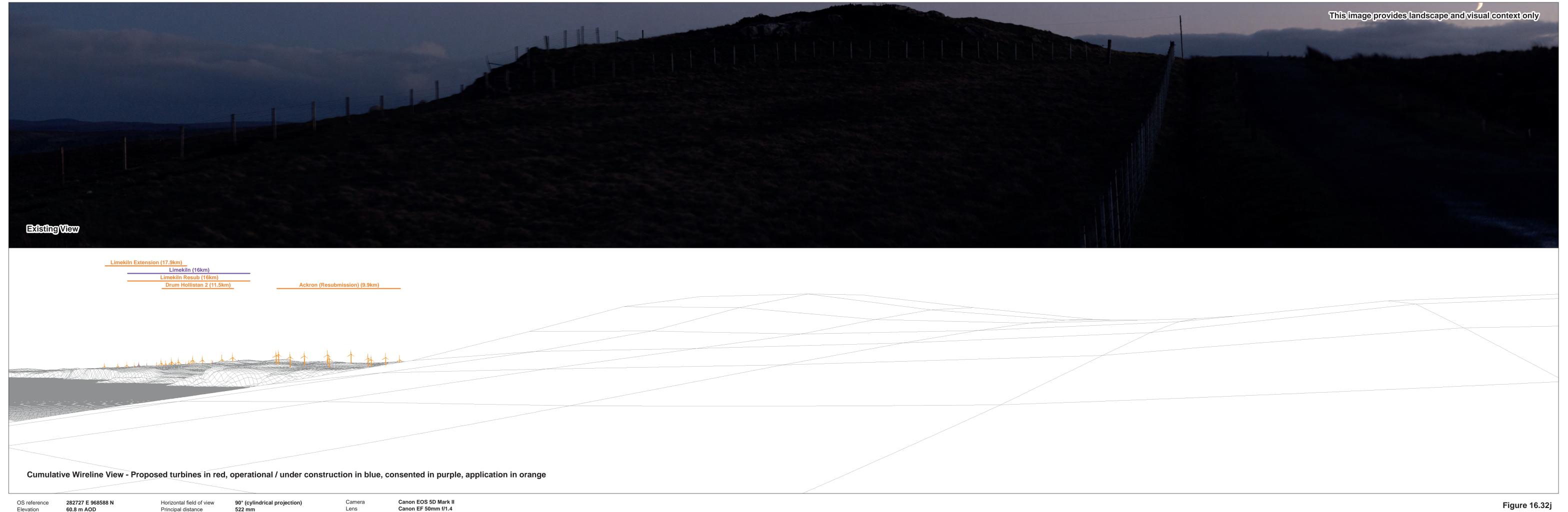
90° (cylindrical projection) 522 mm 841 x 297 mm (half A1) Correct printed image size 820 x 130 mm

Camera Lens Camera height 1.5m AGL Date & time taken 09/11/2021 16:40

Canon EOS 5D Mark II Canon EF 50mm f/1.4

Figure 16.32i Viewpoint 2: Strathy Point Car Park Night-time Panorama with Cumulative Wireline (view 2 of 3)

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Elevation Direction of view 151° Nearest turbine 9,310 m Principal distance Paper size

522 mm 841 x 297 mm (half A1) Correct printed image size 820 x 130 mm

Lens Camera height 1.5m AGL Date & time taken 09/11/2021 16:40

Canon EOS 5D Mark II Canon EF 50mm f/1.4

Figure 16.32j Viewpoint 2: Strathy Point Car Park Night-time Panorama with Cumulative Wireline (view 3 of 3)



OS reference 282727 E 968588 N Elevation Direction of view 51° Nearest turbine 9,310 m

60.8 m AOD

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

53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1)

Camera Lens Camera height 1.5m AGL Date & time taken 09/11/2021 16:40

Canon EOS 5D Mark II Canon EF 50mm f/1.4

Figure 16.32k Viewpoint 2: Strathy Point Car Park Night-time Photomontage © Crown Copyright and database right (2022). Licence Number 0100031673.



OS reference Elevation Direction of view 51° Nearest turbine 9,310 m

282727 E 968588 N 60.8 m AOD

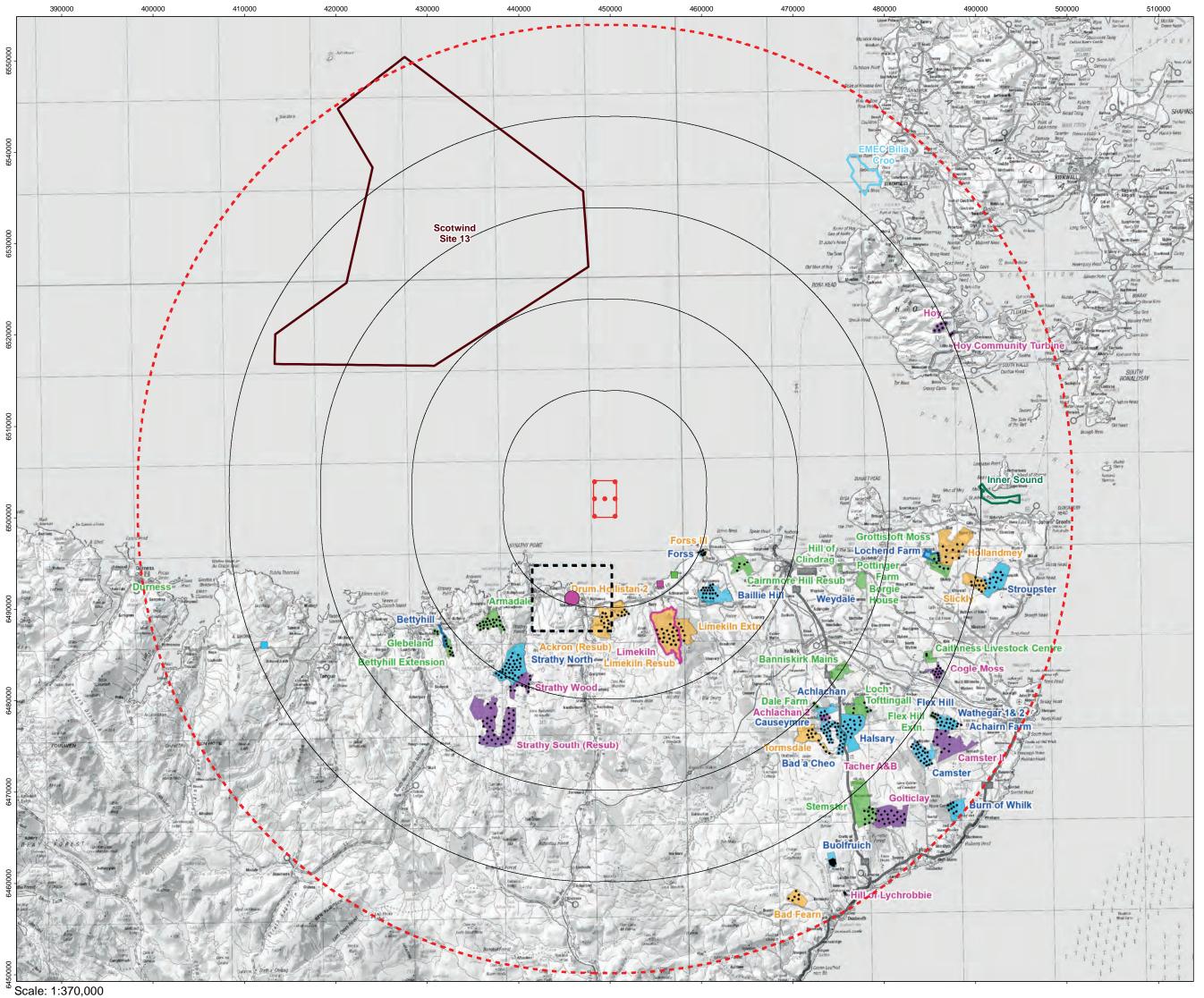
Horizontal field of view Principal distance Paper size Correct printed image size 820 x 260 mm

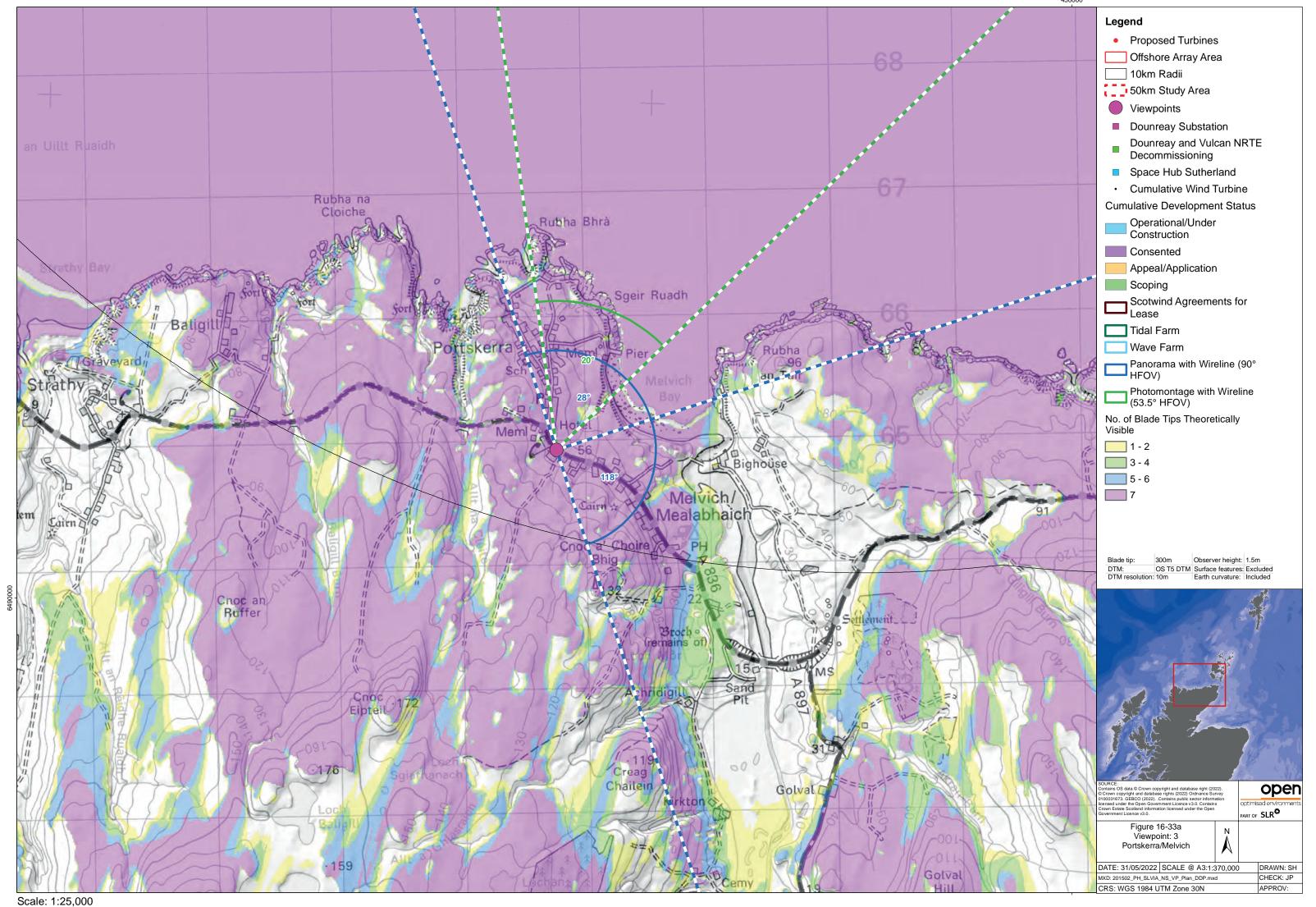
53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1)

Camera Lens Camera height 1.5m AGL Date & time taken 09/11/2021 16:40

Canon EOS 5D Mark II Canon EF 50mm f/1.4

Figure 16.32I Viewpoint 2: Strathy Point Car Park Night-time Photomontage © Crown Copyright and database right (2022). Licence Number 0100031673.

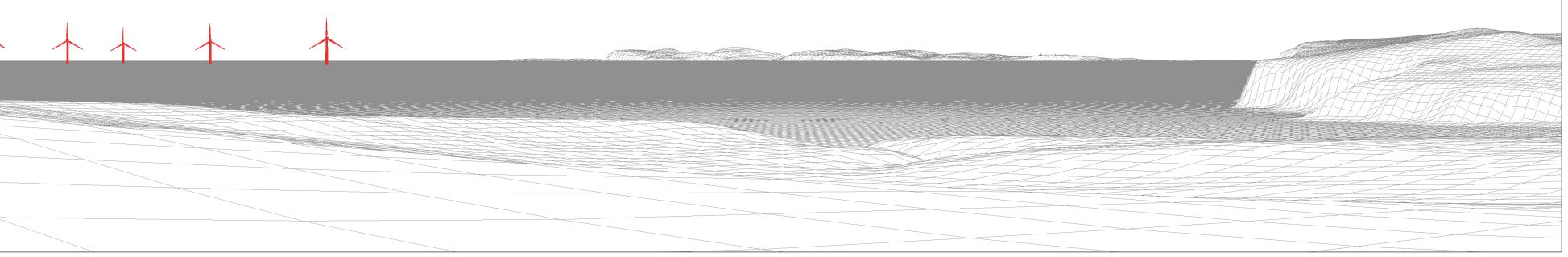




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Sectiving Site 13 (20.6km)						A A A A	二十2条
Cumulative Wireline View - Proposed turbines in red, operational / under construction in blue, consented in purple, application in orange OS reference 287787 E 984228 N Horizontal field of view 90° (cylindrical projection) Elevation 287787 E 984228 N Principal distance 92° (cylindrical projection) 28728 Principal distance 90° (cylindrical projection) 28728 Principal distance 90° (cylindrical projection) 28728 Principal distance 92° (cylindrical projection)	Existing	View			A CHARACE	CABBA LA	
OS reference287767 E 964926 NHorizontal field of view90° (cylindrical projection)CameraCanon EOS 5D Mark IIElevation61.2 m AODPrincipal distance522 mmLensCanon EF 50mm f/1.4Direction of view28°Paper size841 x 297 mm (half A1)Camera height1.5m AGL			Scotwind Site 13 (29.6km)			a din Addinina di kana kandigi sebadalah — na dinina se di s	an ann an Arthur ann ann an Arthur ann ann an Arthur an
OS reference287767 E 964926 NHorizontal field of view90° (cylindrical projection)CameraCanon EOS 5D Mark IIElevation61.2 m AODPrincipal distance522 mmLensCanon EF 50mm f/1.4Direction of view28°Paper size841 x 297 mm (half A1)Camera height1.5m AGL							
OS reference287767 E 964926 NHorizontal field of view90° (cylindrical projection)CameraCanon EOS 5D Mark IIElevation61.2 m AODPrincipal distance522 mmLensCanon EF 50mm f/1.4Direction of view28°Paper size841 x 297 mm (half A1)Camera height1.5m AGL							
OS reference287767 E 964926 NHorizontal field of view90° (cylindrical projection)CameraCanon EOS 5D Mark IIElevation61.2 m AODPrincipal distance522 mmLensCanon EF 50mm f/1.4Direction of view28°Paper size841 x 297 mm (half A1)Camera height1.5m AGL							
OS reference287767 E 964926 NHorizontal field of view90° (cylindrical projection)CameraCanon EOS 5D Mark IIElevation61.2 m AODPrincipal distance522 mmLensCanon EF 50mm f/1.4Direction of view28°Paper size841 x 297 mm (half A1)Camera height1.5m AGL							$\uparrow \uparrow \uparrow$
OS reference287767 E 964926 NHorizontal field of view90° (cylindrical projection)CameraCanon EOS 5D Mark IIElevation61.2 m AODPrincipal distance522 mmLensCanon EF 50mm f/1.4Direction of view28°Paper size841 x 297 mm (half A1)Camera height1.5m AGL							
OS reference287767 E 964926 NHorizontal field of view90° (cylindrical projection)CameraCanon EOS 5D Mark IIElevation61.2 m AODPrincipal distance522 mmLensCanon EF 50mm f/1.4Direction of view28°Paper size841 x 297 mm (half A1)Camera height1.5m AGL							
OS reference287767 E 964926 NHorizontal field of view90° (cylindrical projection)CameraCanon EOS 5D Mark IIElevation61.2 m AODPrincipal distance522 mmLensCanon EF 50mm f/1.4Direction of view28°Paper size841 x 297 mm (half A1)Camera height1.5m AGL							
Elevation61.2 m AODPrincipal distance522 mmLensCanon EF 50mm f/1.4Direction of view28°Paper size841 x 297 mm (half A1)Camera height1.5m AGL	Cumulati	ve Wireline View - Pro	posed turbines in red,	operational / under cons	struction in blue, co	nsented in purple, ap	olication in orange
Elevation61.2 m AODPrincipal distance522 mmLensCanon EF 50mm f/1.4Direction of view28°Paper size841 x 297 mm (half A1)Camera height1.5m AGL							
Nearest turbine9,344 mCorrect printed image size820 x 130 mmDate & time taken10/11/2021 12:05	Elevation	61.2 m AOD	Principal distance	522 mm	Lens Camera height	Canon EF 50mm f/1.4 1.5m AGL	



Proposed Development (9.3km)



Hoy <u>(49.</u>3km)

Figure 16.33b Viewpoint 3: Portskerra/Melvich Panorama with Cumulative Wireline (view 1 of 2)



287767 E 964926 N OS reference Elevation 61.2 m AOD Direction of view 118° Nearest turbine 9,344 m

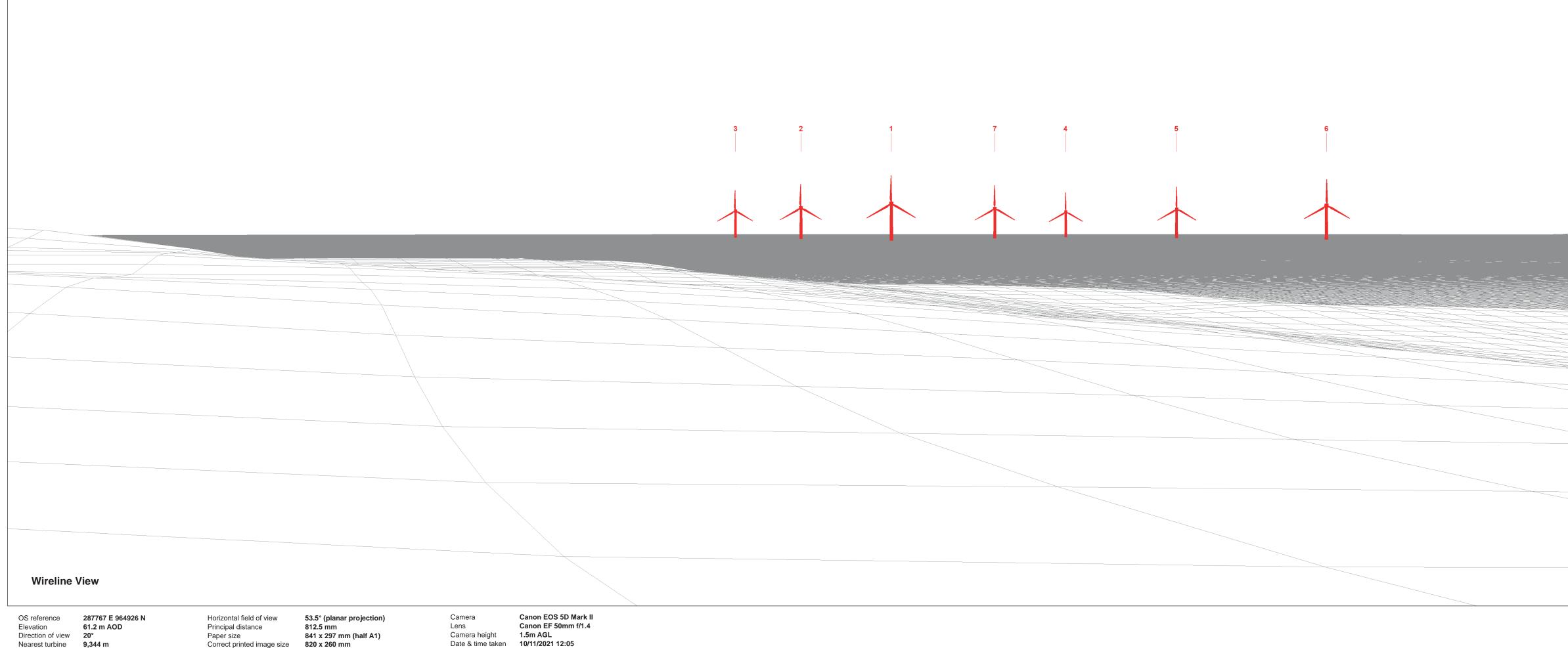
Horizontal field of view Principal distance Paper size

90° (cylindrical projection) 522 mm 841 x 297 mm (half A1) Correct printed image size 820 x 130 mm

Camera Lens Camera height 1.5m AGL Date & time taken 10/11/2021 12:05

Canon EOS 5D Mark II Canon EF 50mm f/1.4

Figure 16.33c Viewpoint 3: Portskerra/Melvich Panorama with Cumulative Wireline (view 2 of 2)



View flat at a comfortable arm's length

Figure 16.33d Viewpoint 3: Portskerra/Melvich Wireline



OS reference 287767 E 964926 N Elevation Direction of view 20° Nearest turbine 9,344 m

61.2 m AOD

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

53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1)

Camera Lens
 Camera height
 1.5m AGL

 Date & time taken
 10/11/2021 12:05

Canon EOS 5D Mark II Canon EF 50mm f/1.4

Figure 16.33e Viewpoint 3: Portskerra/Melvich Photomontage © Crown Copyright and database right (2022). Licence Number 0100031673.



OS reference 287767 E 964926 N Elevation Direction of view 20° Nearest turbine 9,344 m

61.2 m AOD

Horizontal field of view Principal distance Paper size

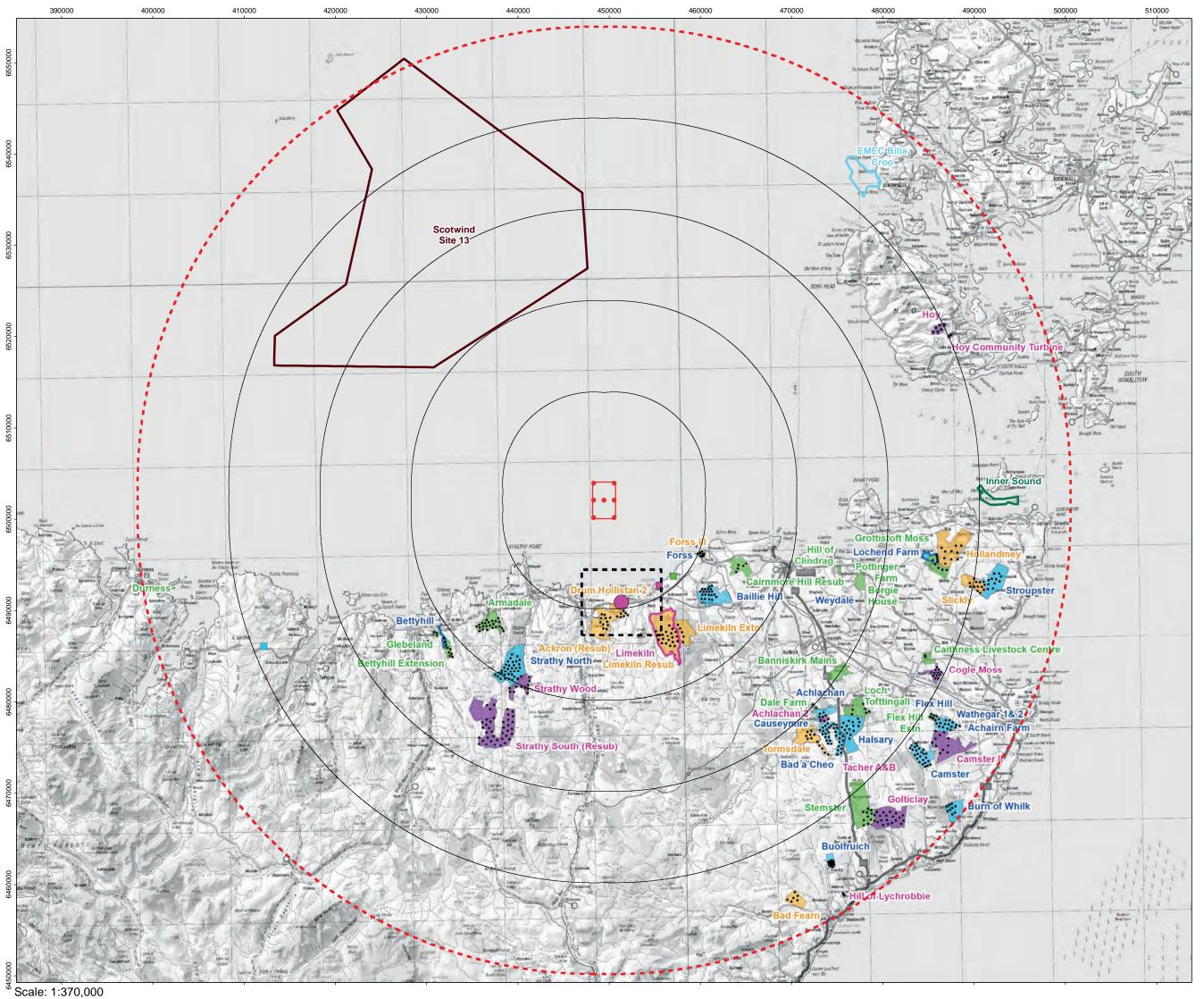
53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1) Correct printed image size 820 x 260 mm

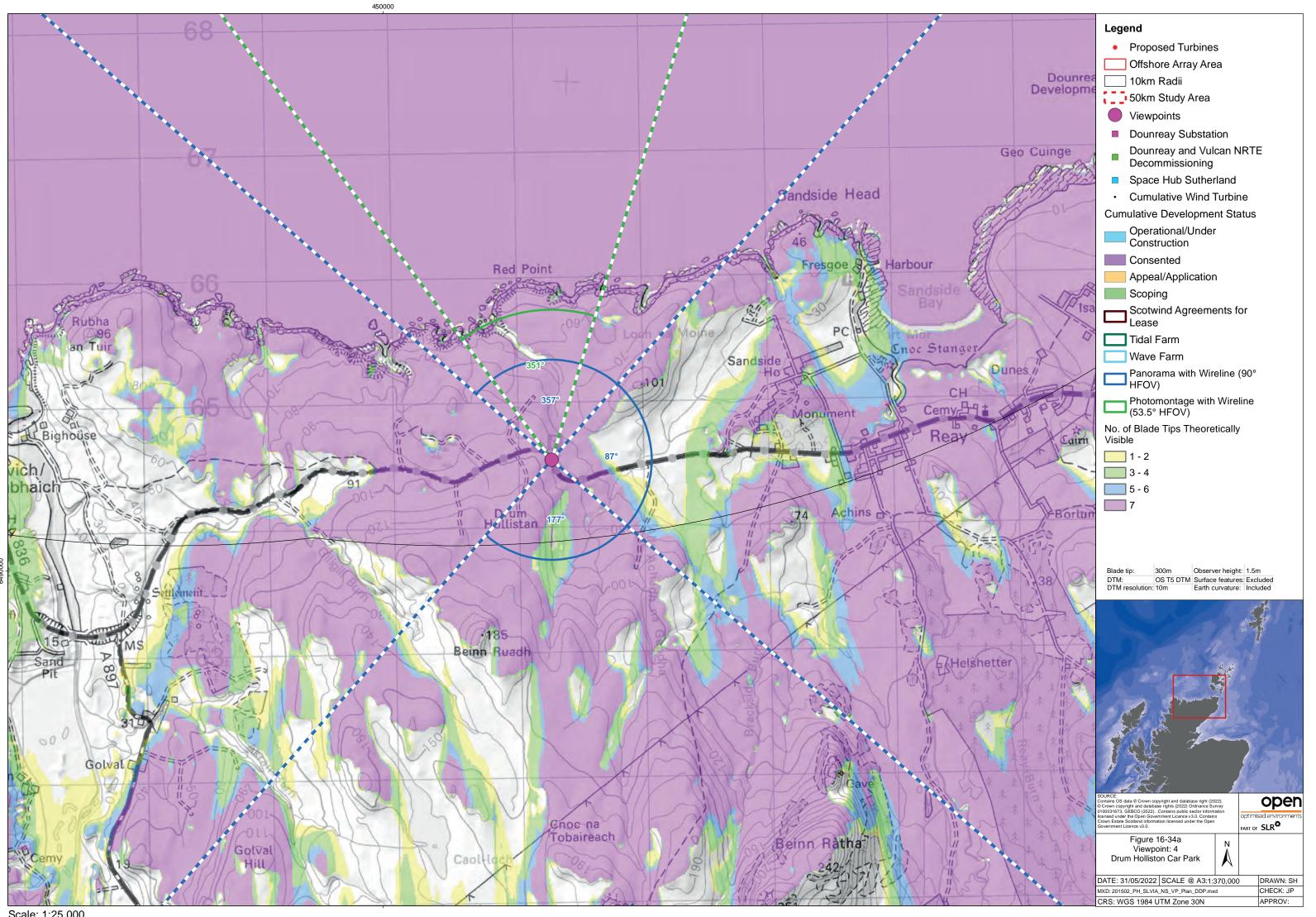
Camera Lens

Canon EOS 5D Mark II Canon EF 50mm f/1.4
 Camera height
 1.5m AGL

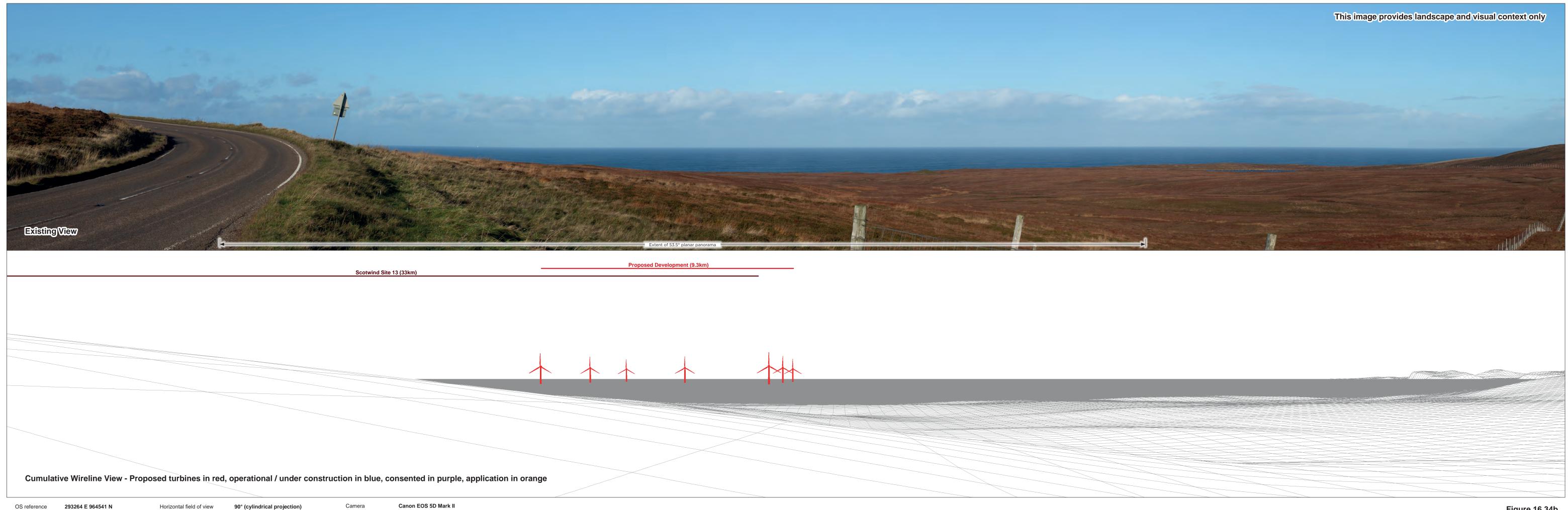
 Date & time taken
 10/11/2021 12:05

Figure 16.33f Viewpoint 3: Portskerra/Melvich Photomontage © Crown Copyright and database right (2022). Licence Number 0100031673.





Scale: 1:25,000



OS reference Elevation 88.9 m AOD Direction of view 357° Nearest turbine 9,347 m

Principal distance Paper size

90° (cylindrical projection) 522 mm 841 x 297 mm (half A1) Correct printed image size 820 x 130 mm

Camera Lens
 Camera height
 1.5m AGL

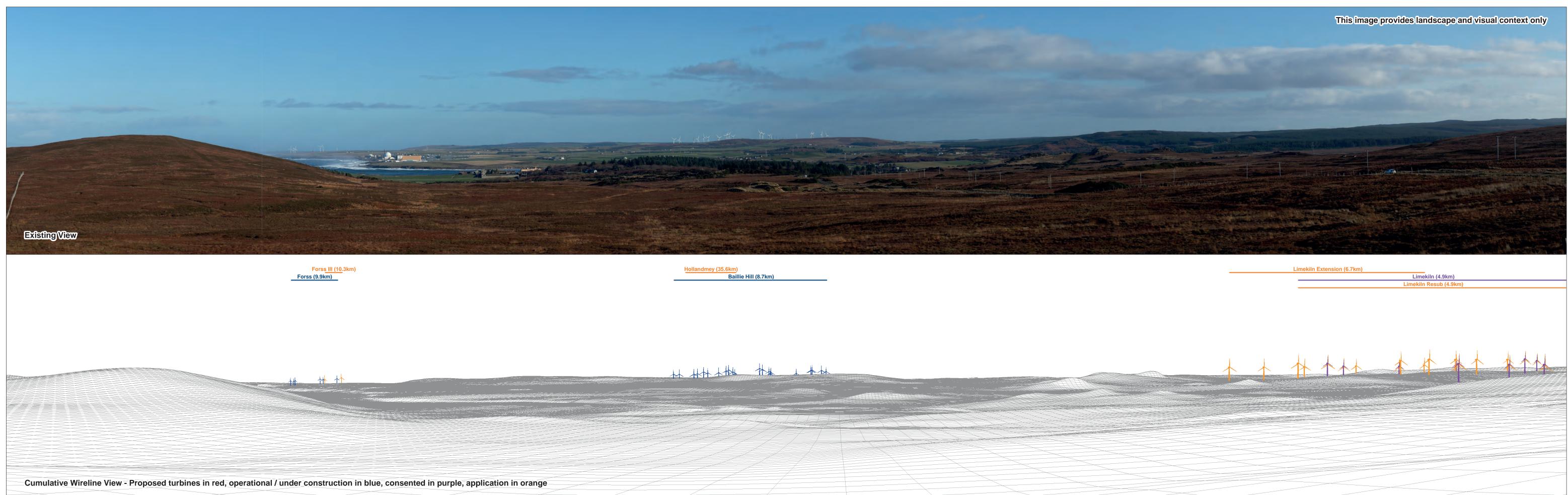
 Date & time taken
 10/11/2021 12:35

Canon EOS 5D Mark II Canon EF 50mm f/1.4



Figure 16.34b Viewpoint 4: Drum Holliston Car Park Panorama with Cumulative Wireline (view 1 of 3)

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OS reference 293264 E 964541 N Elevation 88.9 m AOD Direction of view 87° Nearest turbine 9,347 m

Horizontal field of view Principal distance Paper size

90° (cylindrical projection) 522 mm 841 x 297 mm (half A1) Correct printed image size 820 x 130 mm

Camera Lens
 Camera height
 1.5m AGL

 Date & time taken
 10/11/2021 12:35

Canon EOS 5D Mark II Canon EF 50mm f/1.4

Figure 16.34c Viewpoint 4: Drum Holliston Car Park Panorama with Cumulative Wireline (view 2 of 3)

© Crown Copyright and database right (2022). Licence Number 0100031673.



OS reference Elevation Direction of view 177° Nearest turbine 9,347 m

293264 E 964541 N 88.9 m AOD

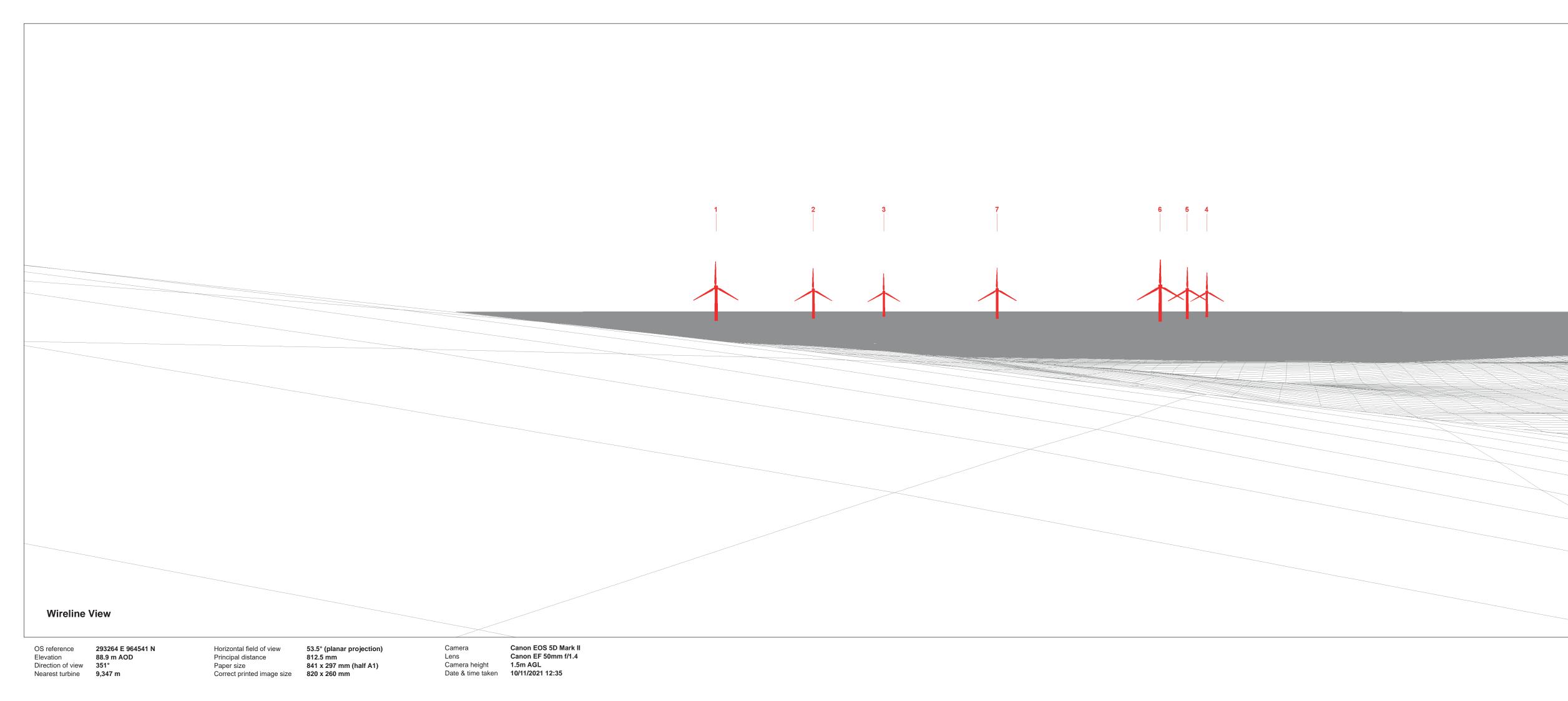
Horizontal field of view Principal distance Paper size Correct printed image size 820 x 130 mm

90° (cylindrical projection) 522 mm 841 x 297 mm (half A1)

Camera Lens Camera height 1.5m AGL Date & time taken 10/11/2021 12:35

Canon EOS 5D Mark II Canon EF 50mm f/1.4

Figure 16.34d Viewpoint 4: Drum Holliston Car Park Panorama with Cumulative Wireline (view 3 of 3)



View flat at a comfortable arm's length

Figure 16.34e Viewpoint 4: Drum Holliston Car Park Wireline



OS reference Elevation Direction of view 351° Nearest turbine 9,347 m

293264 E 964541 N 88.9 m AOD

Horizontal field of view Principal distance

53.5° (planar projection) 812.5 mm Paper size841 x 297 mm (half A1)Correct printed image size820 x 260 mm

CameraCanon EOS 5D Mark IILensCanon EF 50mm f/1.4Camera height1.5m AGLDate & time taken10/11/2021 12:35

Figure 16.34f Viewpoint 4: Drum Holliston Car Park Photomontage © Crown Copyright and database right (2022). Licence Number 0100031673.



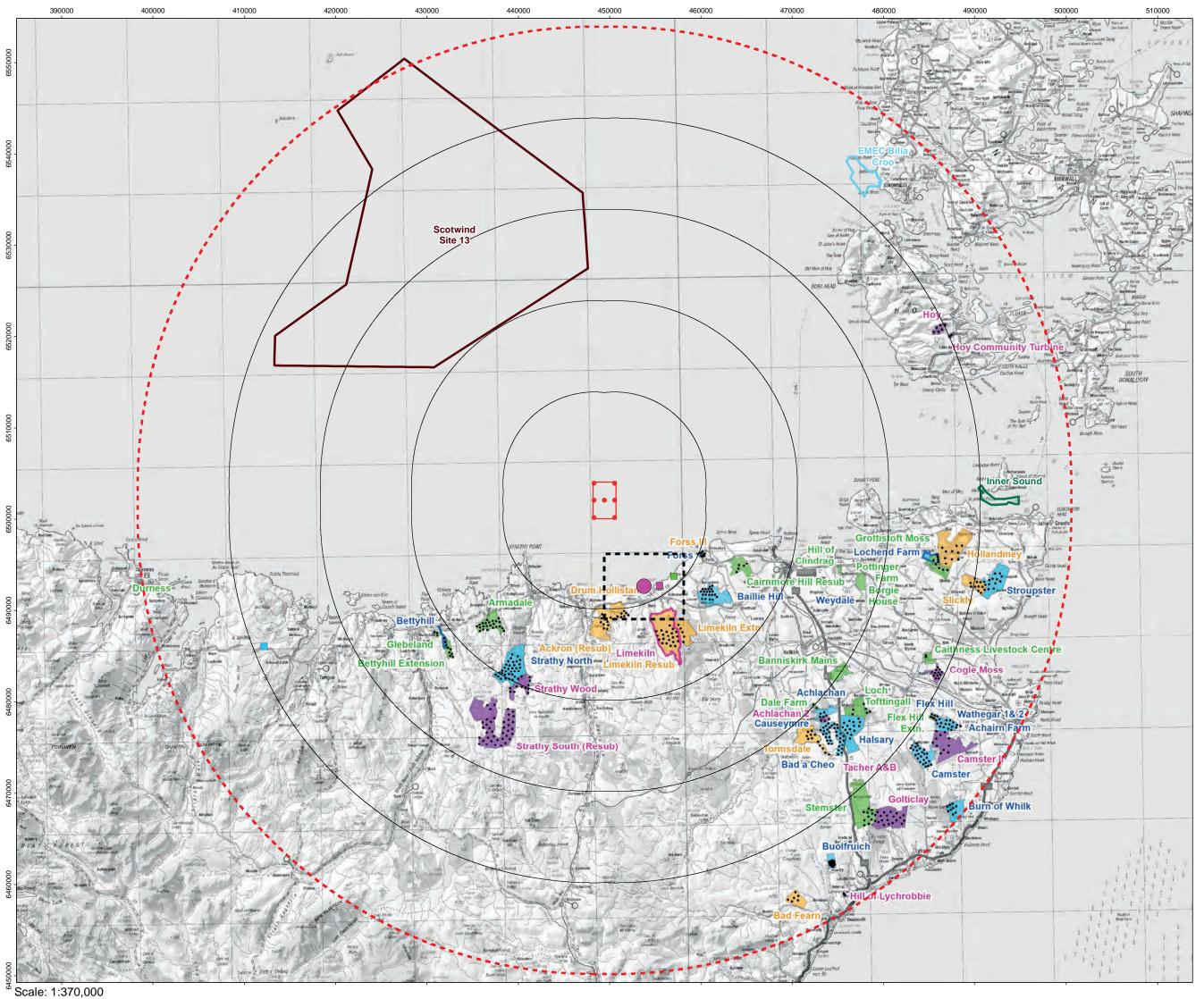
OS reference Elevation Direction of view351°Nearest turbine9,347 m

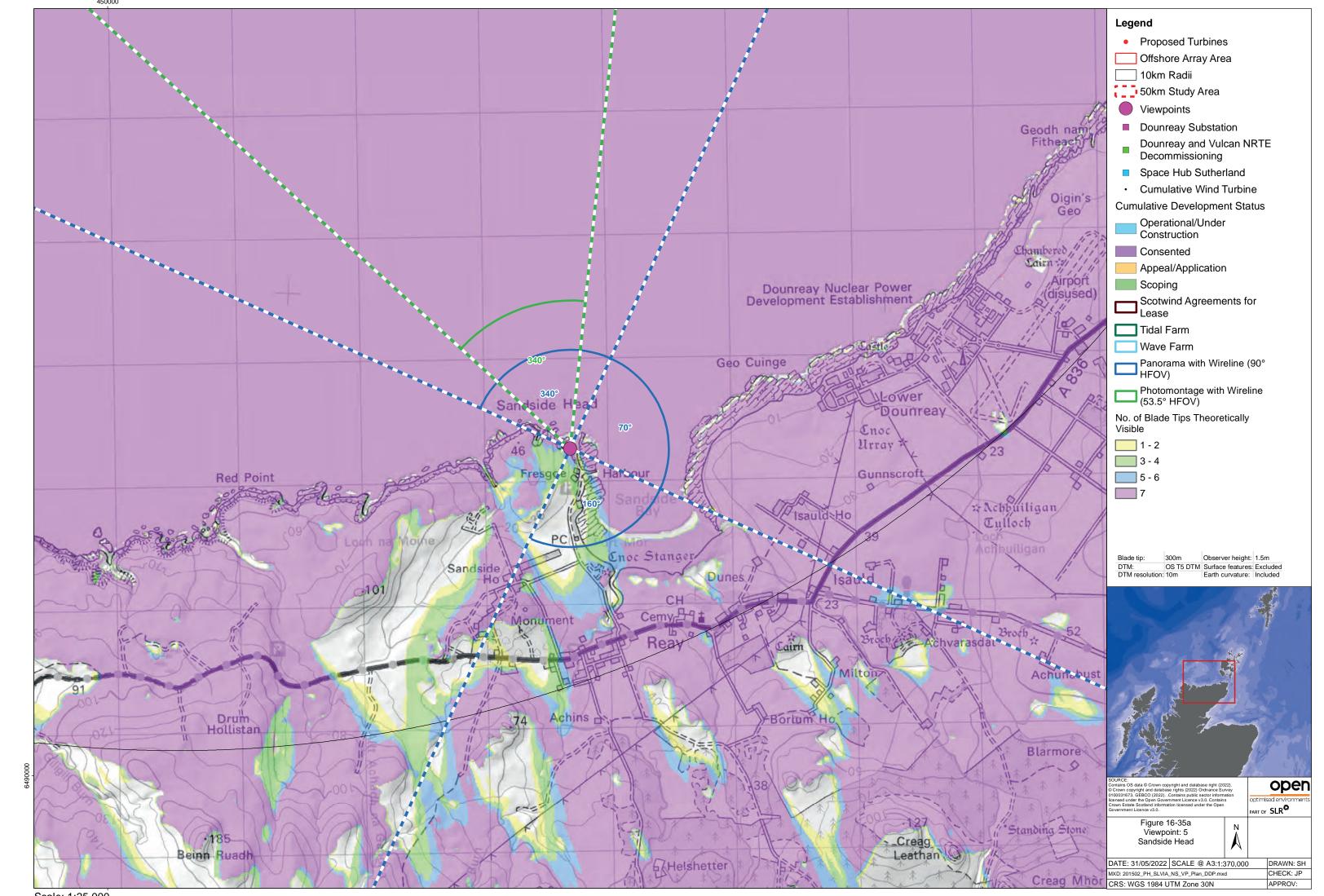
293264 E 964541 N 88.9 m AOD

Horizontal field of view53.5° (planar projection)Principal distance812.5 mmPaper size841 x 297 mm (half A1)Correct printed image size820 x 260 mm

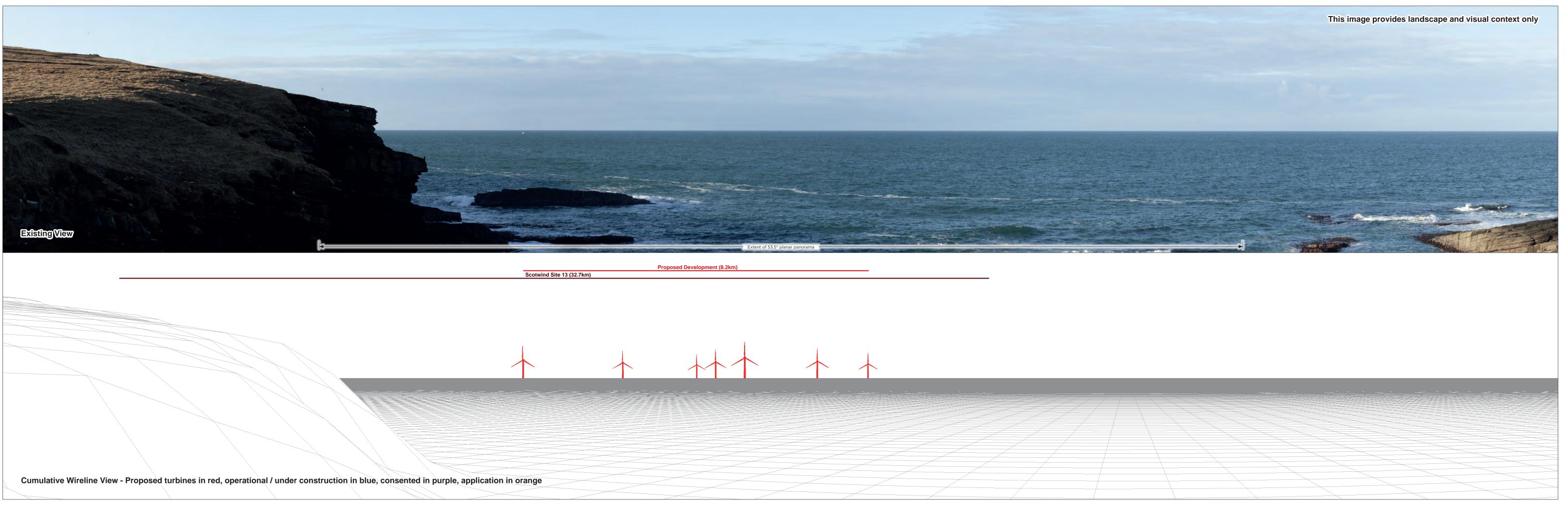
CameraCanon EOS 5D Mark IILensCanon EF 50mm f/1.4Camera height1.5m AGLDate & time taken10/11/2021 12:35

Figure 16.34g Viewpoint 4: Drum Holliston Car Park Photomontage





Scale: 1:25,000



OS reference Elevation Direction of view 340° Nearest turbine 8,197 m

295694 E 966269 N 13 m AOD

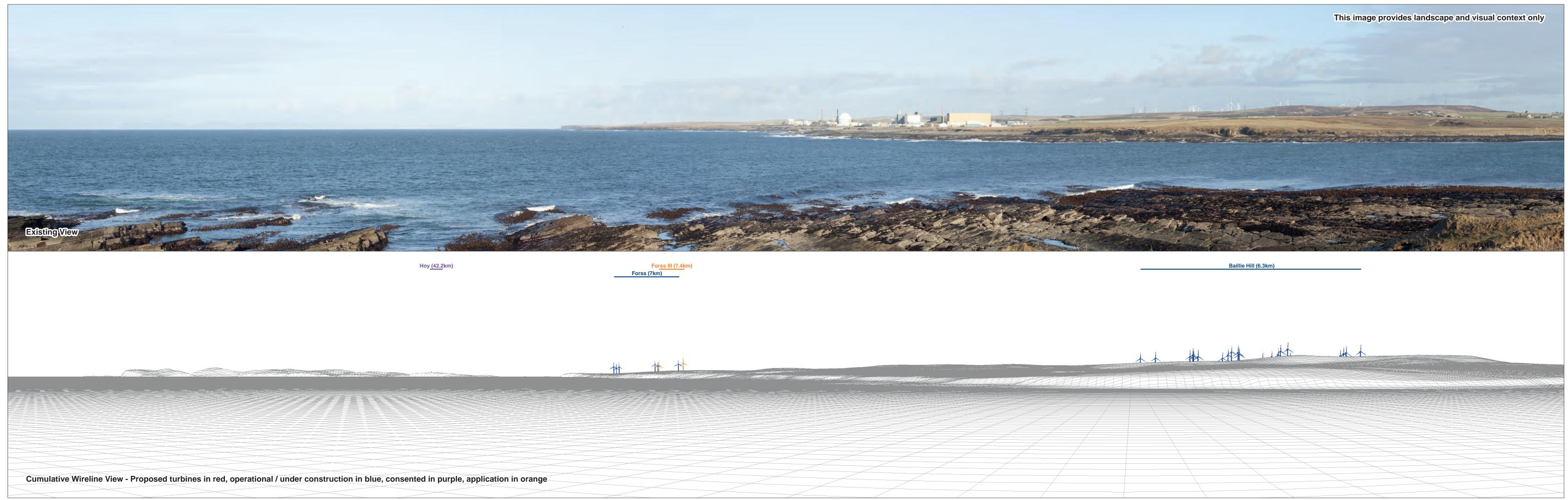
Horizontal field of view Principal distance Paper size Correct printed image size 820 x 130 mm

90° (cylindrical projection) 522 mm 841 x 297 mm (half A1)

Camera Lens Camera height 1.5m AGL Date & time taken 5/3/2022 15:45

Canon EOS 5D Mark II Canon EF 50mm f/1.4

Figure 16.35b Viewpoint 5: Sandside Head Panorama with Cumulative Wireline (view 1 of 3)



295694 E 966269 N OS reference Elevation 13 m AOD Direction of view 70° Nearest turbine 8,197 m

Horizontal field of view Principal distance Paper size

90° (cylindrical projection) 522 mm 841 x 297 mm (half A1) Correct printed image size 820 x 130 mm

Camera Lens Camera height **1.5m AGL** Date & time taken **5/3/2022 15:45**

Canon EOS 5D Mark II Canon EF 50mm f/1.4

Figure 16.35c Viewpoint 5: Sandside Head Panorama with Cumulative Wireline (view 2 of 3)



OS reference Elevation 13 m AOD Direction of view 160° Nearest turbine 8,197 m

295694 E 966269 N

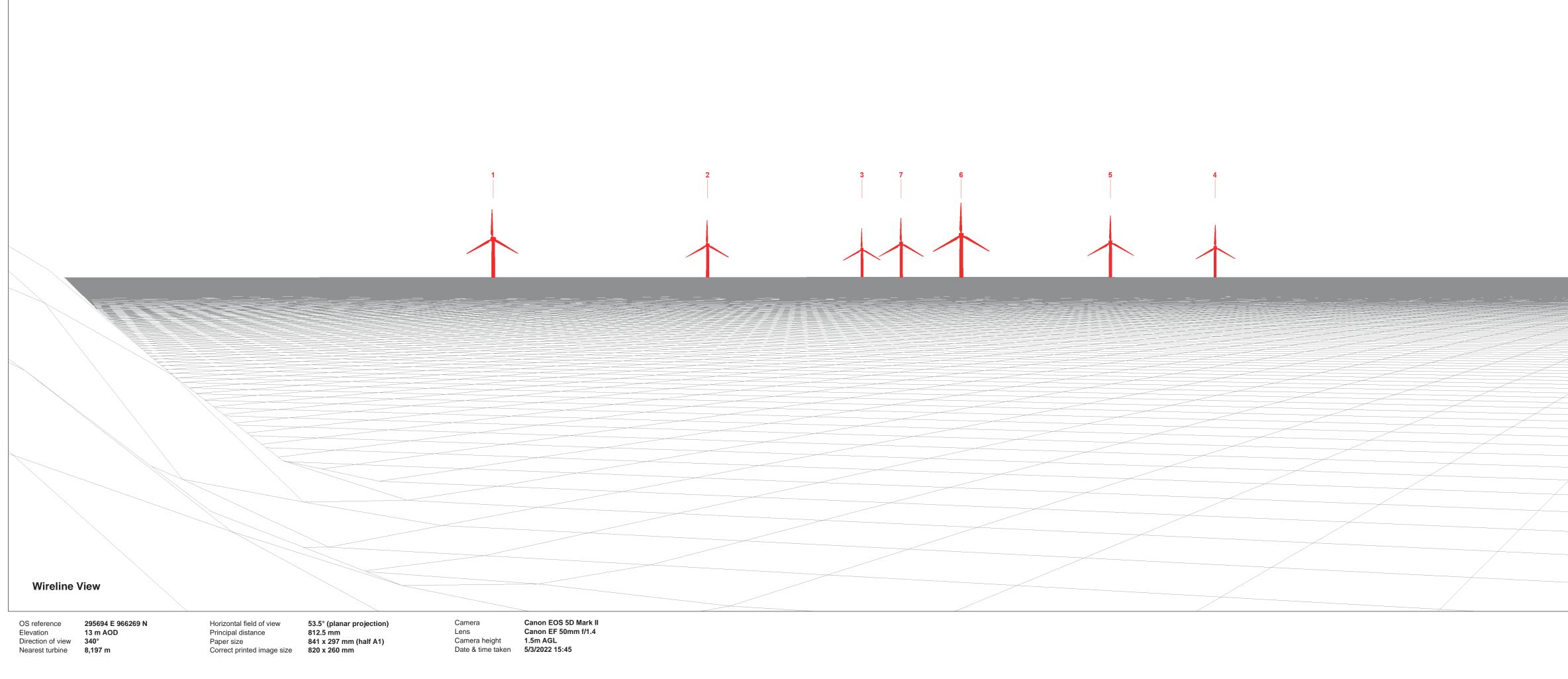
Horizontal field of view Principal distance Paper size Correct printed image size 820 x 130 mm

90° (cylindrical projection) 522 mm 841 x 297 mm (half A1)

Camera Lens Camera height **1.5m AGL** Date & time taken **5/3/2022 15:45**

Canon EOS 5D Mark II Canon EF 50mm f/1.4

Figure 16.35d Viewpoint 5: Sandside Head Panorama with Cumulative Wireline (view 3 of 3)



View flat at a comfortable arm's length





OS reference Elevation Direction of view 340° Nearest turbine 8,197 m

295694 E 966269 N 13 m AOD

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

53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1)

CameraCanon EOS 5D Mark IILensCanon EF 50mm f/1.4Camera height1.5m AGLDate & time taken5/3/2022 15:45



Figure 16.35f Viewpoint 5: Sandside Head Photomontage © Crown Copyright and database right (2022). Licence Number 0100031673.



OS reference Elevation Direction of view 340° Nearest turbine 8,197 m

295694 E 966269 N 13 m AOD

Horizontal field of view53.5° (planar projection)Principal distance812.5 mmPaper size841 x 297 mm (half A1)Correct printed image size820 x 260 mm

CameraCanon EOS 5D Mark IILensCanon EF 50mm f/1.4Camera height1.5m AGLDate & time taken5/3/2022 15:45



Figure 16.35g Viewpoint 5: Sandside Head Photomontage © Crown Copyright and database right (2022). Licence Number 0100031673.



Scotwind Site 13 (32.7km)

Cumulative Wireline View - Proposed turbines in red, operational / under construction in blue, consented in purple, application in orange

OS reference Elevation 13 m AOD Direction of view 340° Nearest turbine 8,199 m

295694 E 966272 N

Horizontal field of view Principal distance Paper size Correct printed image size 820 x 130 mm

90° (cylindrical projection) 522 mm 841 x 297 mm (half A1)

Camera Lens Camera height 1.5m AGL Date & time taken 5/3/2022 18:20

Canon EOS 5D Mark II Canon EF 50mm f/1.4

Proposed Development (8.2km)



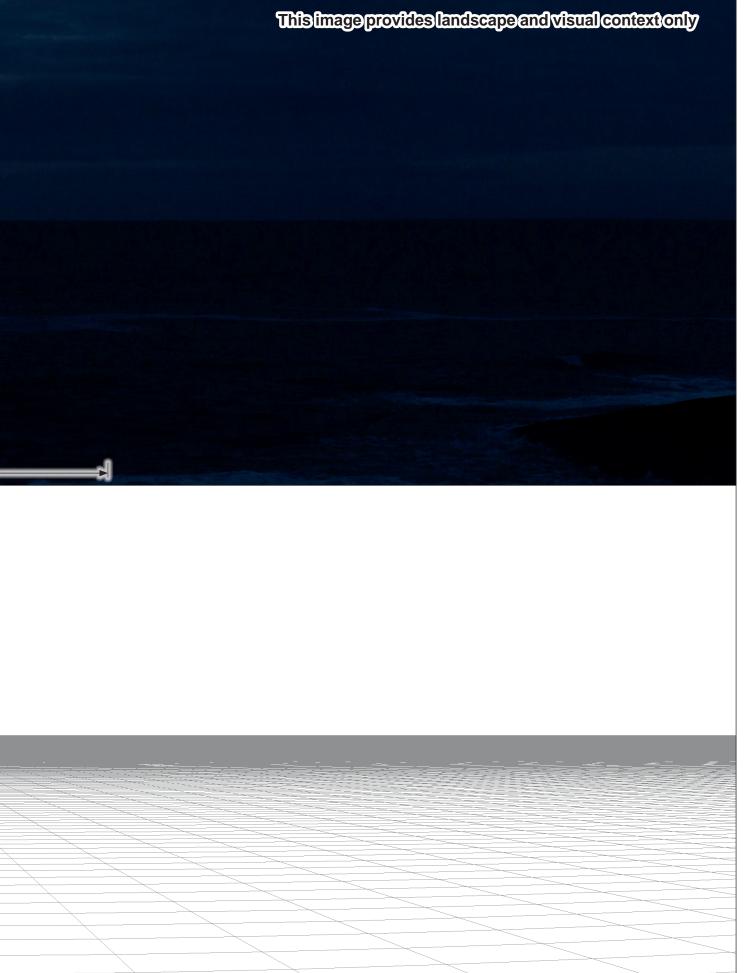
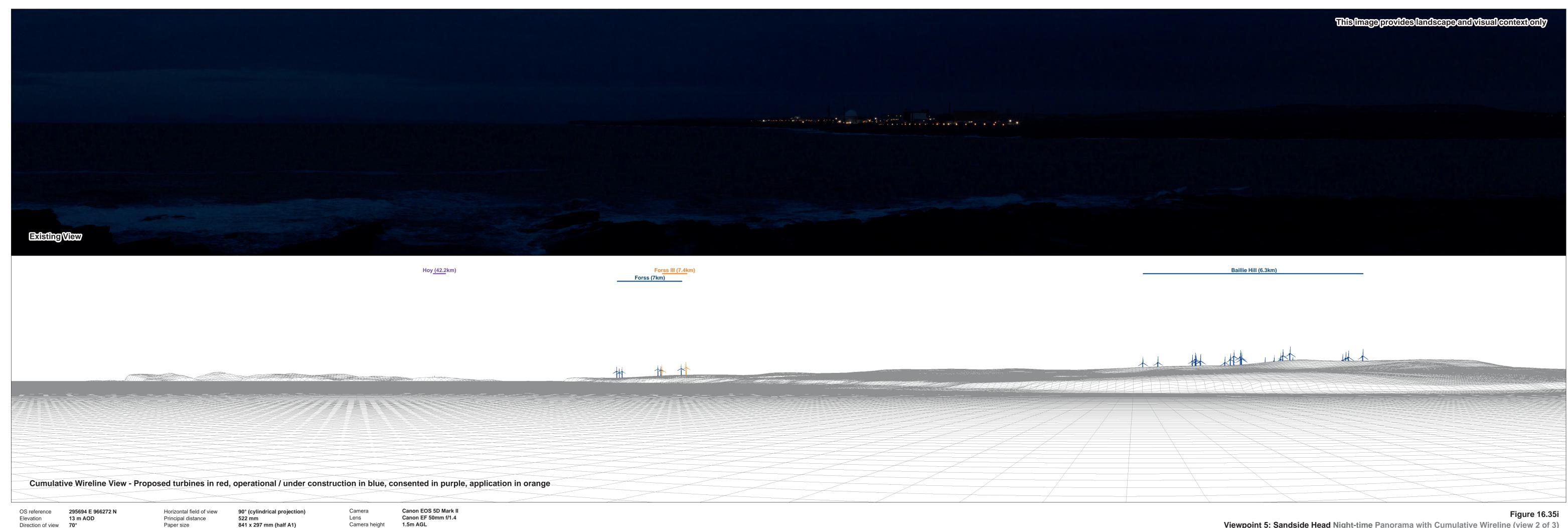


Figure 16.35h Viewpoint 5: Sandside Head Night-time Panorama with Cumulative Wireline (view 1 of 3)



Date & time taken 5/3/2022 18:20

Nearest turbine 8,199 m

Correct printed image size 820 x 130 mm

Viewpoint 5: Sandside Head Night-time Panorama with Cumulative Wireline (view 2 of 3)

© Crown Copyright and database right (2022). Licence Number 0100031673.

Existing View

Limekiln Extension (5.7km)		
	Limekiln (5.1km)	
	Limekiln Resub (5.1km)	
		1177

Cumulative Wireline View - Proposed turbines in red, operational / under construction in blue, consented in purple, application in orange

OS reference Elevation 13 m AOD Direction of view 160° Nearest turbine 8,199 m

295694 E 966272 N

Horizontal field of view Principal distance Paper size Correct printed image size 820 x 130 mm

90° (cylindrical projection) 522 mm 841 x 297 mm (half A1)

Camera Lens Camera height 1.5m AGL Date & time taken 5/3/2022 18:20

Canon EOS 5D Mark II Canon EF 50mm f/1.4



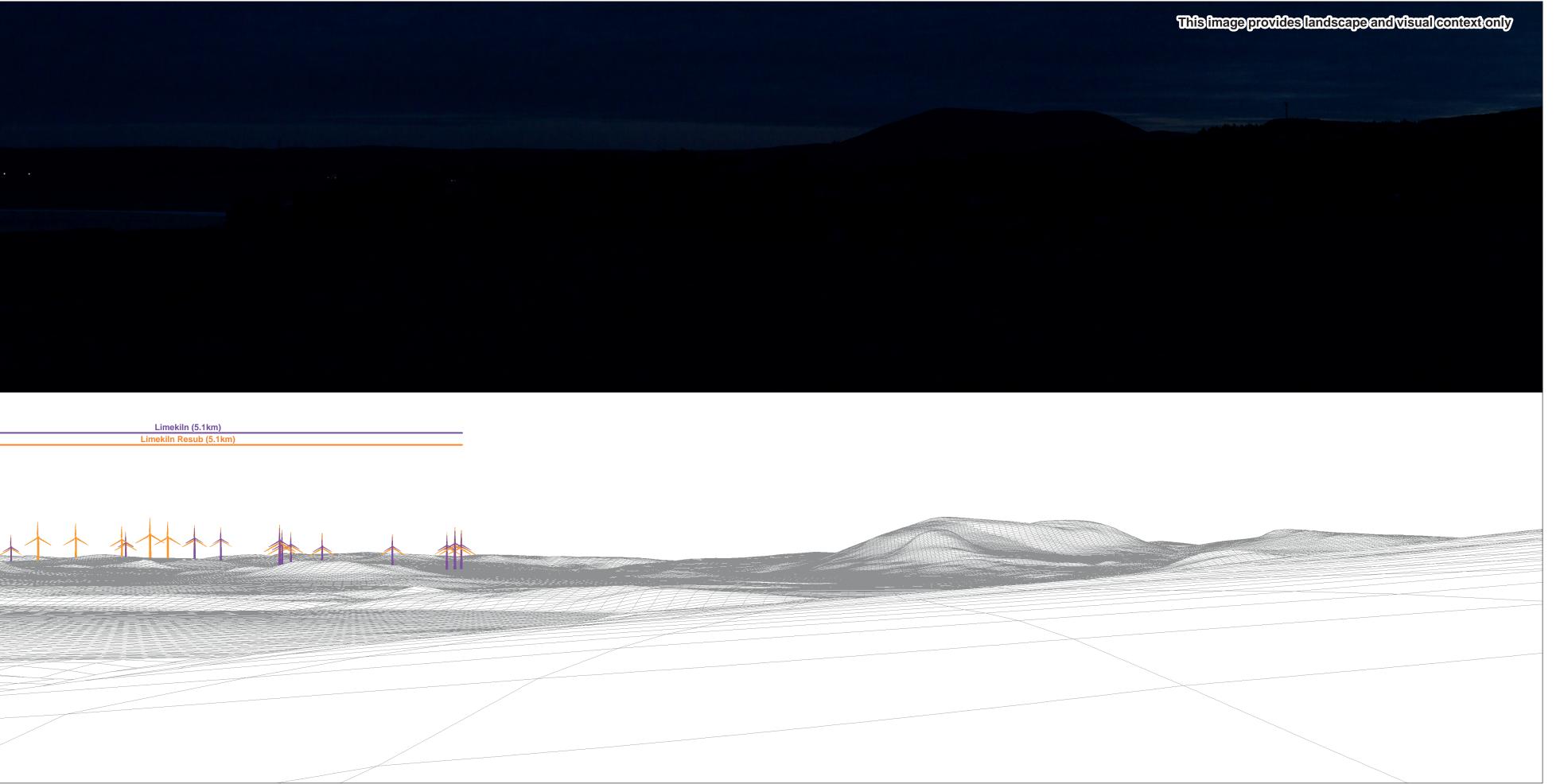


Figure 16.35j Viewpoint 5: Sandside Head Night-time Panorama with Cumulative Wireline (view 3 of 3)



OS reference Elevation Direction of view 340° Nearest turbine 8,199 m

295694 E 966272 N 13 m AOD

Horizontal field of view Principal distance Paper size

53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1) Correct printed image size 820 x 260 mm

Camera Lens Camera height 1.5m AGL Date & time taken 5/3/2022 18:20

Canon EOS 5D Mark II Canon EF 50mm f/1.4

Figure 16.35k Viewpoint 5: Sandside Head Night-time Photomontage © Crown Copyright and database right (2022). Licence Number 0100031673.



OS reference Elevation Direction of view 340° Nearest turbine 8,199 m

295694 E 966272 N 13 m AOD

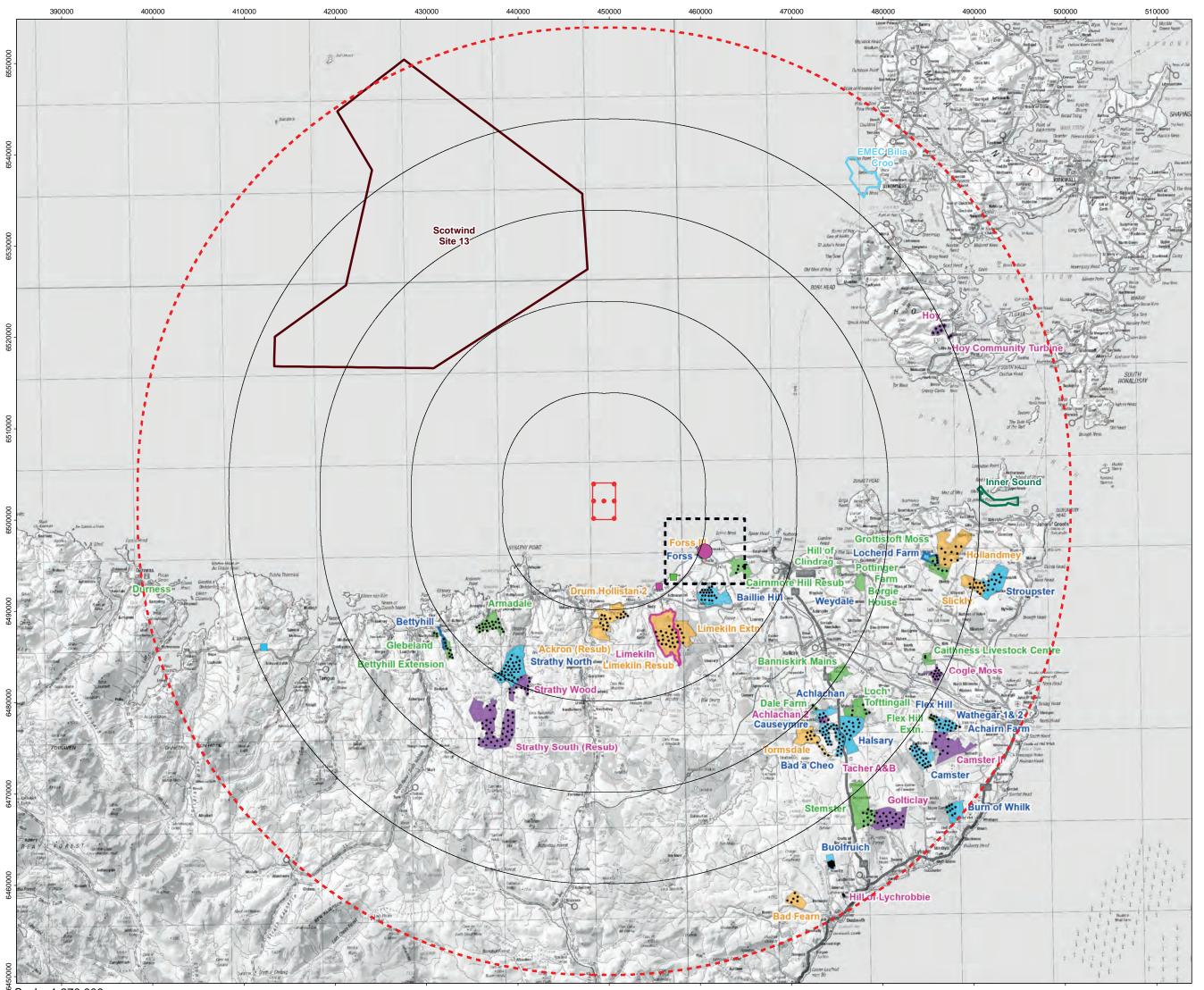
Horizontal field of view Principal distance Paper size

53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1) Correct printed image size 820 x 260 mm

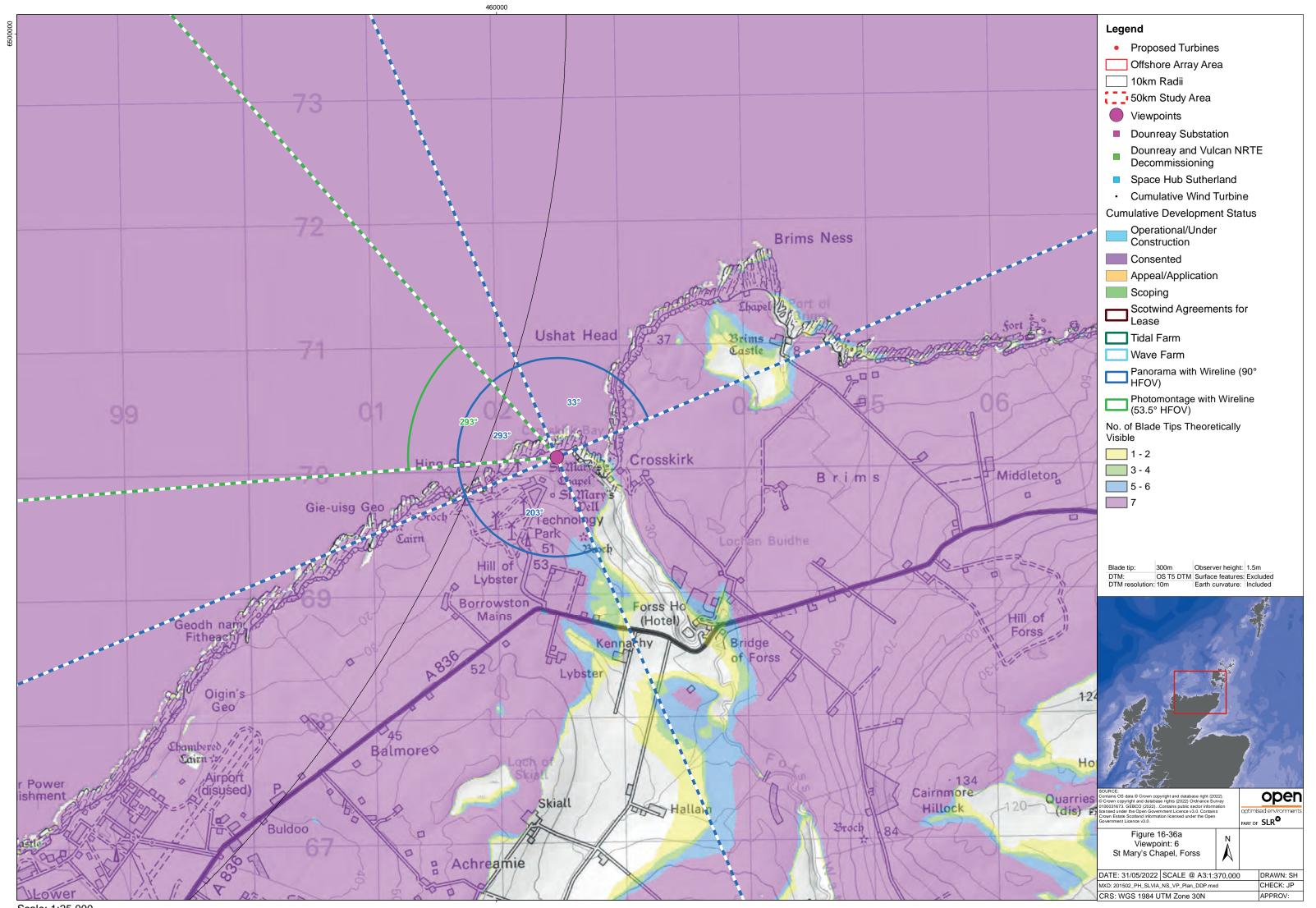
Camera Lens Camera height 1.5m AGL Date & time taken 5/3/2022 18:20

Canon EOS 5D Mark II Canon EF 50mm f/1.4

Figure 16.35I Viewpoint 5: Sandside Head Night-time Photomontage © Crown Copyright and database right (2022). Licence Number 0100031673.



Scale: 1:370,000



Scale: 1:25,000

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iston Carl			
ExistingView			
-		Baillie Hill (4km)	
l			

OS reference **302487 E 970105 N** 15.2 m AOD Elevation Direction of view 203° Nearest turbine 10,564 m

Horizontal field of view Principal distance

90° (cylindrical projection) 522 mm 841 x 297 mm (half A1) Paper size841 x 297 mm (hCorrect printed image size820 x 130 mm

CameraCanon EOS 5D Mark IILensCanon EF 50mm f/1.4Camera height1.5m AGLDate & time taken13/04/2021 14:25



Figure 16.36b Viewpoint 6: St Mary's Chapel, Forss Panorama with Cumulative Wireline (view 1 of 3)

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	ALL		
Existing View			
Existing view	and the second second		
s (340m) Betty <u>hill (30</u> .2km)			

OS reference **302487 E 970105 N** Elevation 15.2 m AOD Direction of view 293° Nearest turbine 10,564 m

Principal distance Paper size

Horizontal field of view 90° (cylindrical projection) 522 mm 841 x 297 mm (half A1) Correct printed image size 820 x 130 mm

CameraCanon EOS 5D MaLensCanon EF 50mm f/Camera height1.5m AGLDate & time taken13/04/2021 14:25

Canon EOS 5D Mark II Canon EF 50mm f/1.4



Proposed Development (10.6km)

Scotwind Site 13 (33.3km)



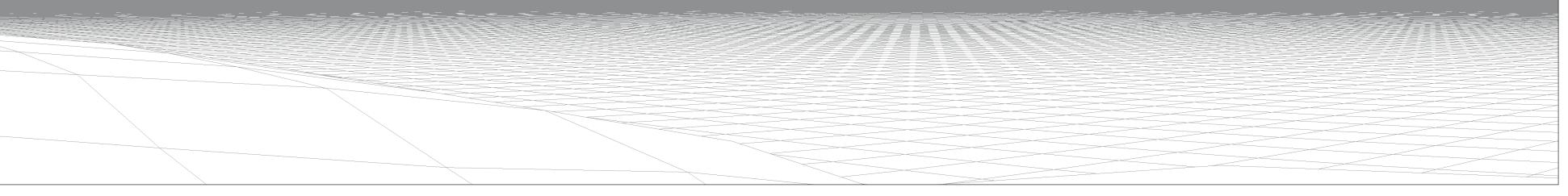
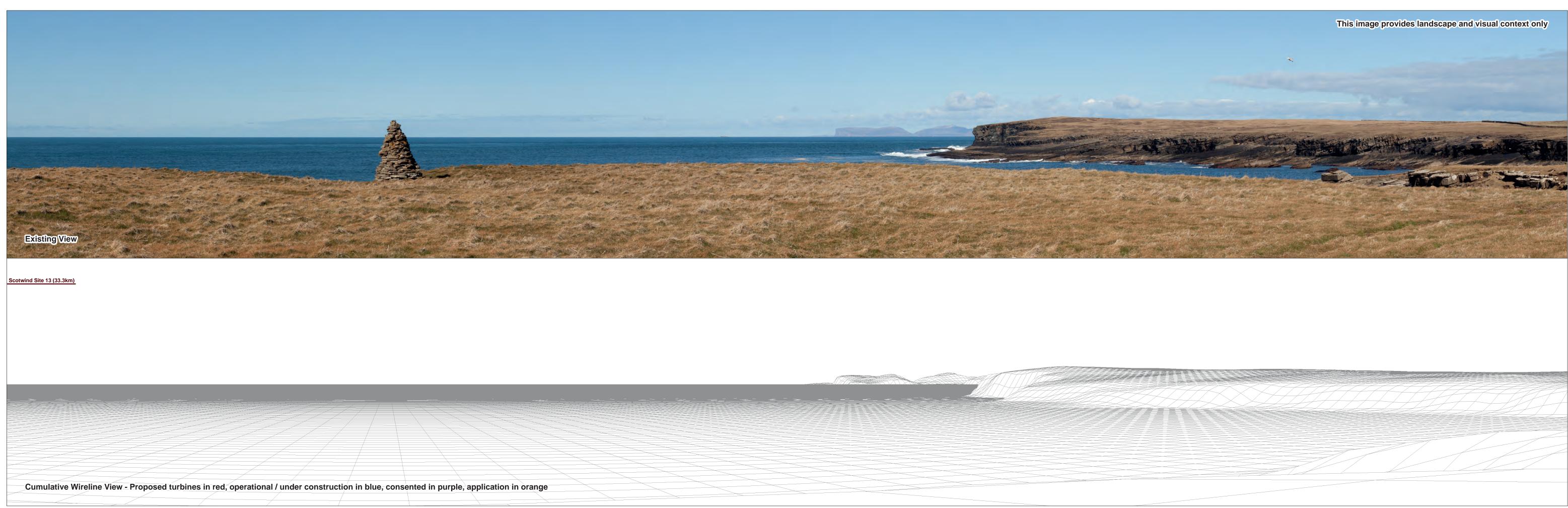


Figure 16.36c Viewpoint 6: St Mary's Chapel, Forss Panorama with Cumulative Wireline (view 2 of 3)

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302487 E 970105 N OS reference Elevation 15.2 m AOD Direction of view 23° Nearest turbine 10,564 m

Horizontal field of view Principal distance Paper size Correct printed image size 820 x 130 mm

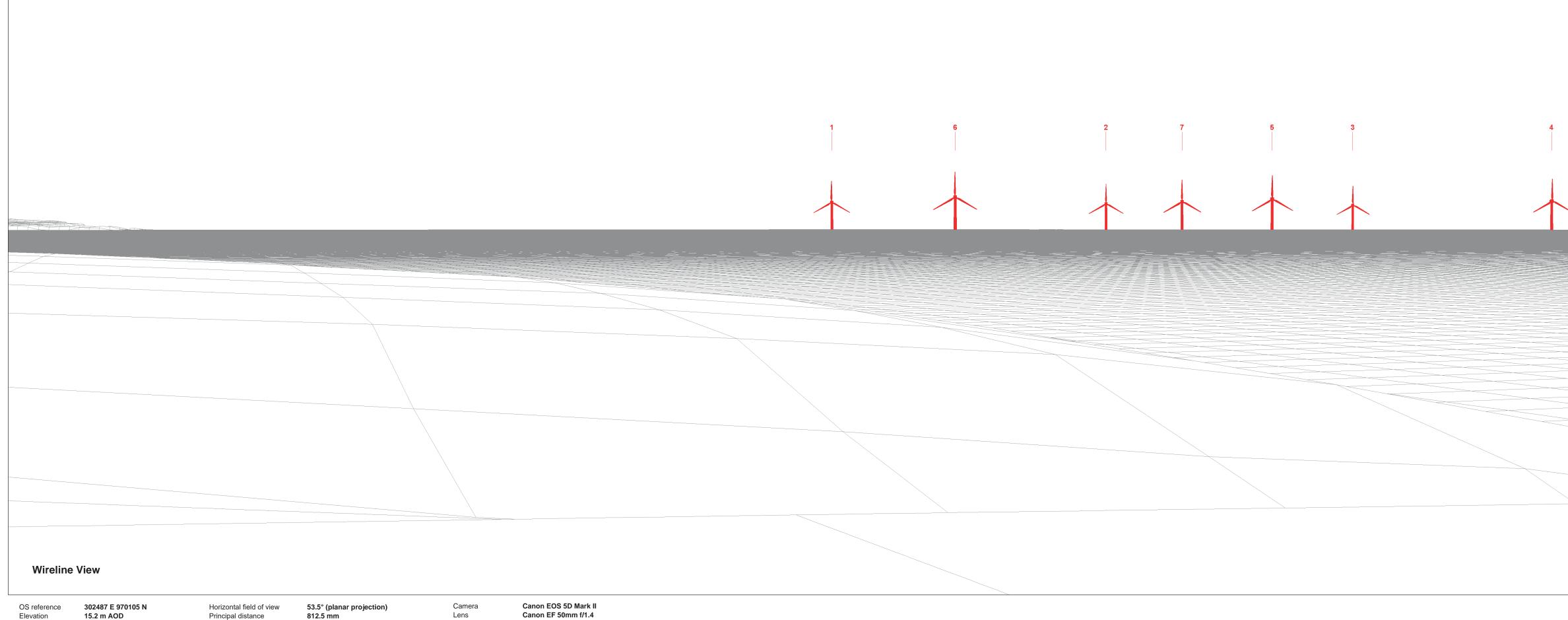
90° (cylindrical projection) 522 mm 841 x 297 mm (half A1)

Camera Lens
 Camera height
 1.5m AGL

 Date & time taken
 13/04/2021 14:25

Canon EOS 5D Mark II Canon EF 50mm f/1.4

Figure 16.36d Viewpoint 6: St Mary's Chapel, Forss Panorama with Cumulative Wireline (view 3 of 3) © Crown Copyright and database right (2022). Licence Number 0100031673.



Elevation 15.2 m AOD Direction of view 293° Nearest turbine 10,564 m

Principal distance 812.5 mm Paper size Correct printed image size 820 x 260 mm

841 x 297 mm (half A1)

Lens Camera height 1.5m AGL Date & time taken 13/04/2021 14:25

View flat at a comfortable arm's length





OS reference Elevation Direction of view 293° Nearest turbine 10,564 m

302487 E 970105 N 15.2 m AOD

Horizontal field of view53.5° (planar projection)Principal distance812.5 mmPaper size841 x 297 mm (half A1)Correct printed image size820 x 260 mm

CameraCanon EOS 5D Mark IILensCanon EF 50mm f/1.4Camera height1.5m AGLDate & time taken13/04/2021 14:25

Figure 16.36f Viewpoint 6: St Mary's Chapel, Forss Photomontage © Crown Copyright and database right (2022). Licence Number 0100031673.



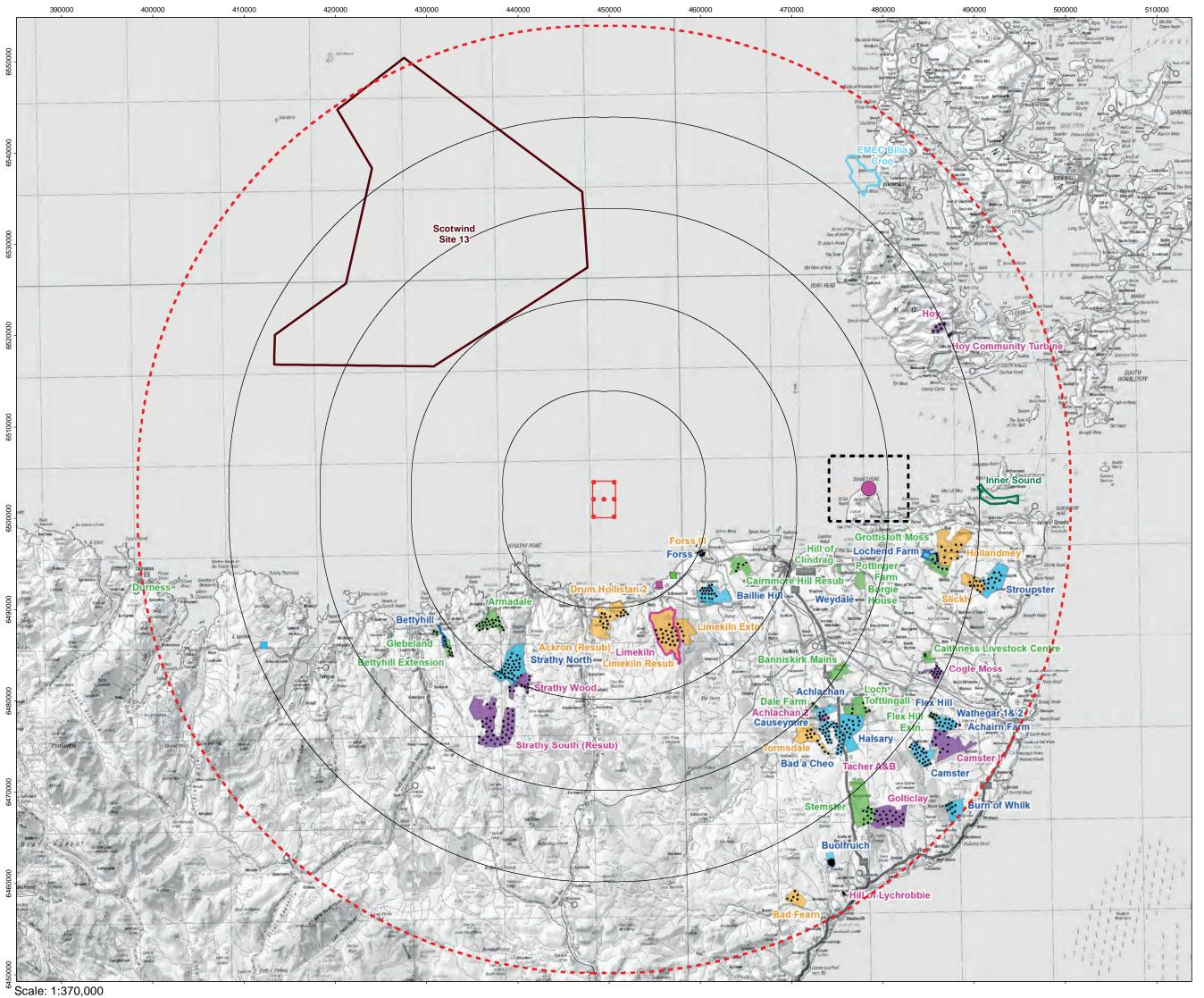
OS reference 302487 Elevation 15.2 m Direction of view 293°

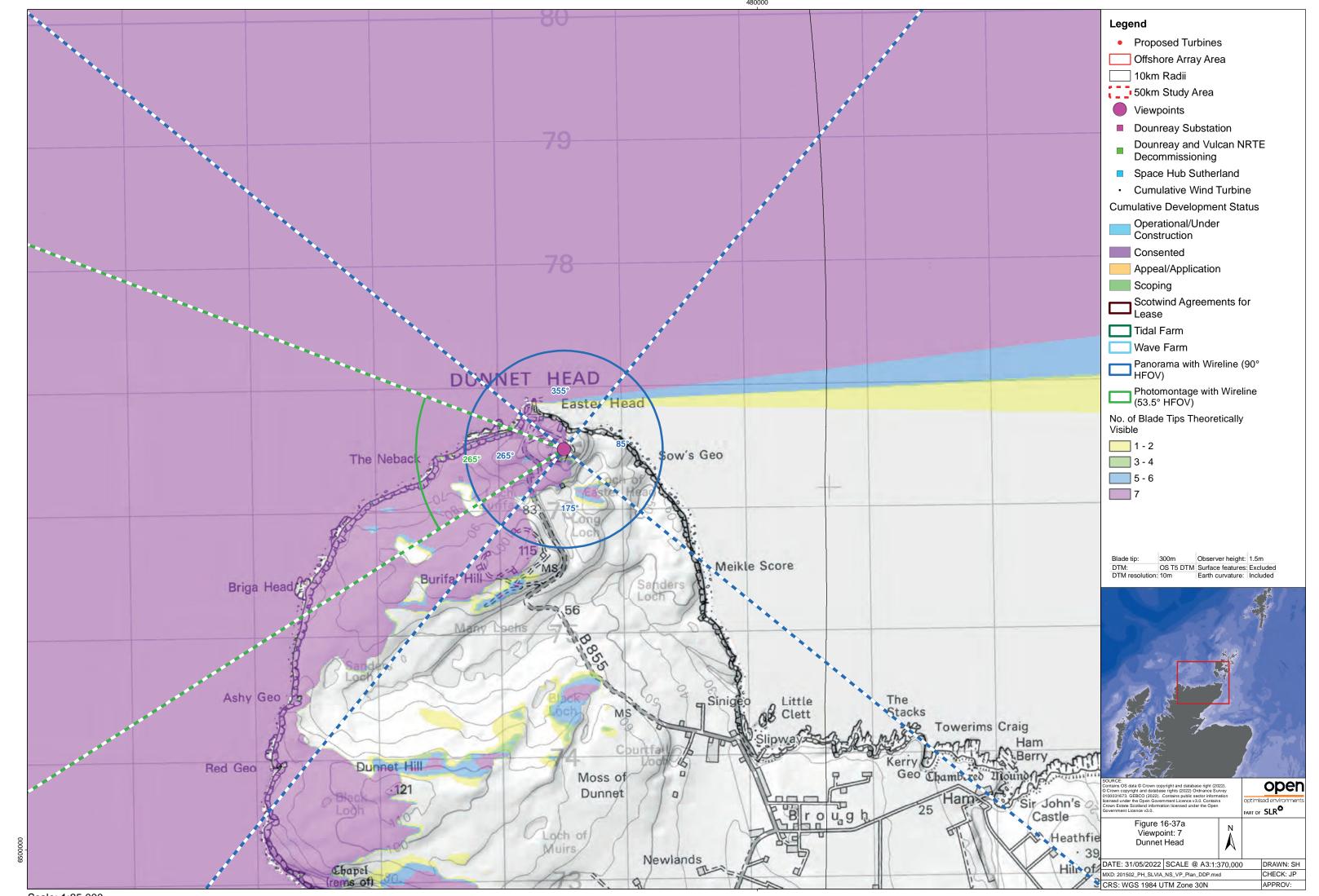
302487 E 970105 N 15.2 m AOD Nearest turbine 10,564 m

Horizontal field of view53.5° (planar projection)Principal distance812.5 mmPaper size841 x 297 mm (half A1)Correct printed image size820 x 260 mm

CameraCanon EOS 5D Mark IILensCanon EF 50mm f/1.4Camera height1.5m AGLDate & time taken13/04/2021 14:25

Figure 16.36g Viewpoint 6: St Mary's Chapel, Forss Photomontage © Crown Copyright and database right (2022). Licence Number 0100031673.





Scale: 1:25,000





OS reference Elevation Direction of view 265° Nearest turbine 27,884 m

320532 E 976496 N 125.9 m AOD

Horizontal field of view Principal distance Paper size Correct printed image size 820 x 130 mm

90° (cylindrical projection) 522 mm 841 x 297 mm (half A1)

Camera Lens Camera height 1.5m AGL Date & time taken 12/04/2021 14:55

Canon EOS 5D Mark II Canon EF 50mm f/1.4

Figure 16.37b Viewpoint 7: Dunnet Head Panorama with Cumulative Wireline (view 1 of 4) © Crown Copyright and database right (2022). Licence Number 0100031673.



Cumulative Wireline View - Proposed turbines in red, operational / under construction in blue, consented in purple, application in orange

OS reference Elevation Direction of view Nearest turbine 27,884 m

355

320532 E 976496 N 125.9 m AOD

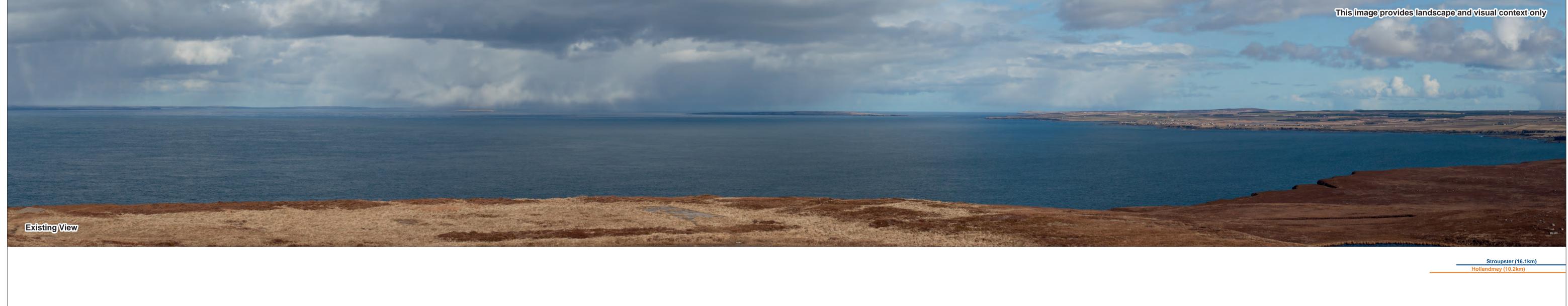
Horizontal field of view Principal distance Paper size Correct printed image size 820 x 130 mm

90° (cylindrical projection) 522 mm 841 x 297 mm (half A1)

Camera Lens Camera height 1.5m AGL Date & time taken 12/04/2021 14:55

Canon EOS 5D Mark II Canon EF 50mm f/1.4

Figure 16.37c Viewpoint 7: Dunnet Head Panorama with Cumulative Wireline (view 2 of 4)



Cumulative Wireline View - Proposed turbines in red, operational / under construction in blue, consented in purple, application in orange

OS reference Elevation Direction of view 85° Nearest turbine 27,884 m

320532 E 976496 N 125.9 m AOD

Horizontal field of view Principal distance Paper size Correct printed image size 820 x 130 mm

90° (cylindrical projection) 522 mm 841 x 297 mm (half A1)

Camera Lens Camera height 1.5m AGL Date & time taken 12/04/2021 14:55

Canon EOS 5D Mark II Canon EF 50mm f/1.4

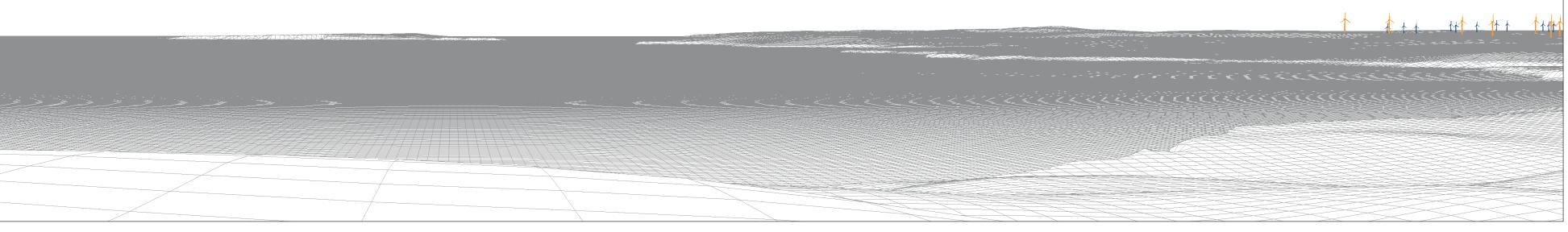
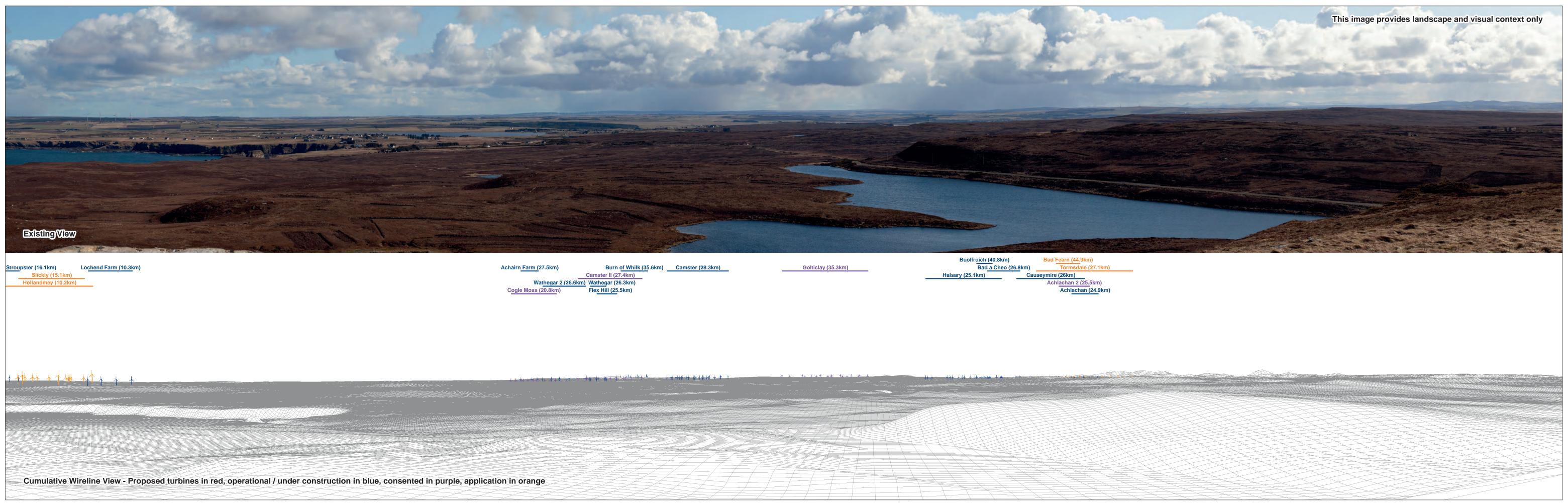


Figure 16.37d Viewpoint 7: Dunnet Head Panorama with Cumulative Wireline (view 3 of 4)



OS reference Elevation Direction of view 175° Nearest turbine 27,884 m

320532 E 976496 N 125.9 m AOD

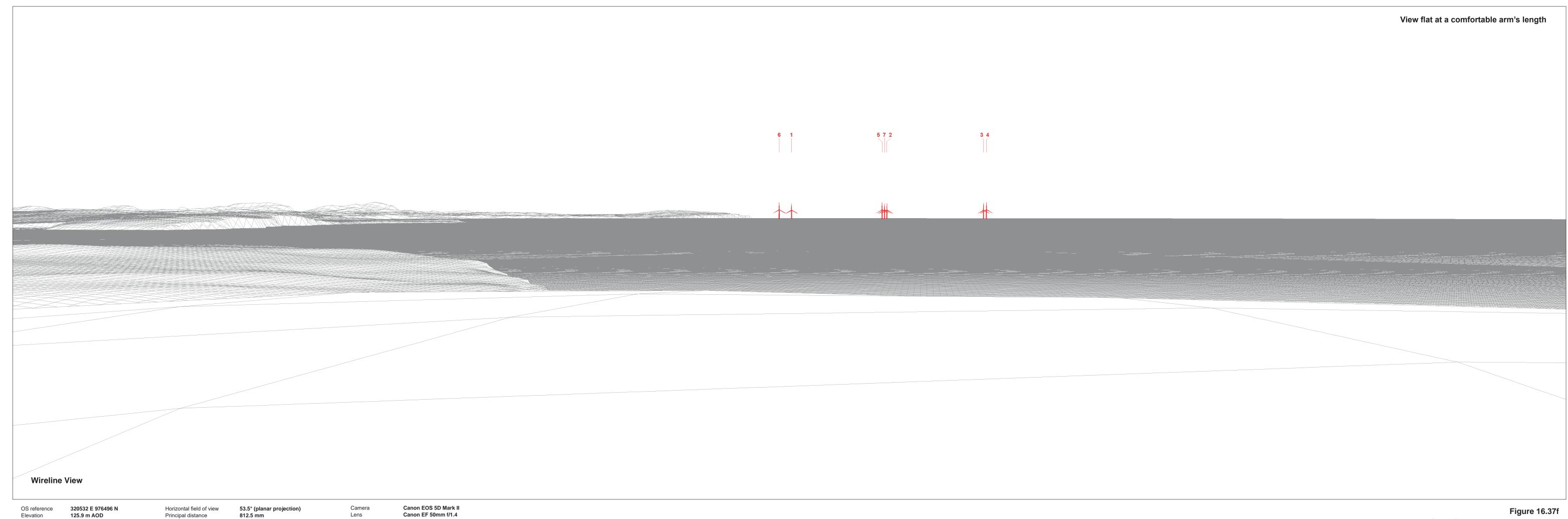
Principal distance Paper size Correct printed image size 820 x 130 mm

Horizontal field of view 90° (cylindrical projection) 522 mm 841 x 297 mm (half A1)

Camera Lens Camera height 1.5m AGL Date & time taken 12/04/2021 14:55

Canon EOS 5D Mark II Canon EF 50mm f/1.4

Figure 16.37e Viewpoint 7: Dunnet Head Panorama with Cumulative Wireline (view 4 of 4)



Direction of view 265° Nearest turbine 27,884 m Paper size

812.5 mm 841 x 297 mm (half A1) Correct printed image size 820 x 260 mm

Lens Camera height 1.5m AGL Date & time taken 12/04/2021 14:55

Viewpoint 7: Dunnet Head Wireline



OS reference Elevation Direction of view 265° Nearest turbine 27,884 m

320532 E 976496 N 125.9 m AOD

Horizontal field of view53.5° (planar projection)Principal distance812.5 mmPaper size841 x 297 mm (half A1)Correct printed image size820 x 260 mm

CameraCanon EOS 5D Mark IILensCanon EF 50mm f/1.4Camera height1.5m AGLDate & time taken12/04/2021 14:55

Figure 16.37g Viewpoint 7: Dunnet Head Photomontage © Crown Copyright and database right (2022). Licence Number 0100031673.



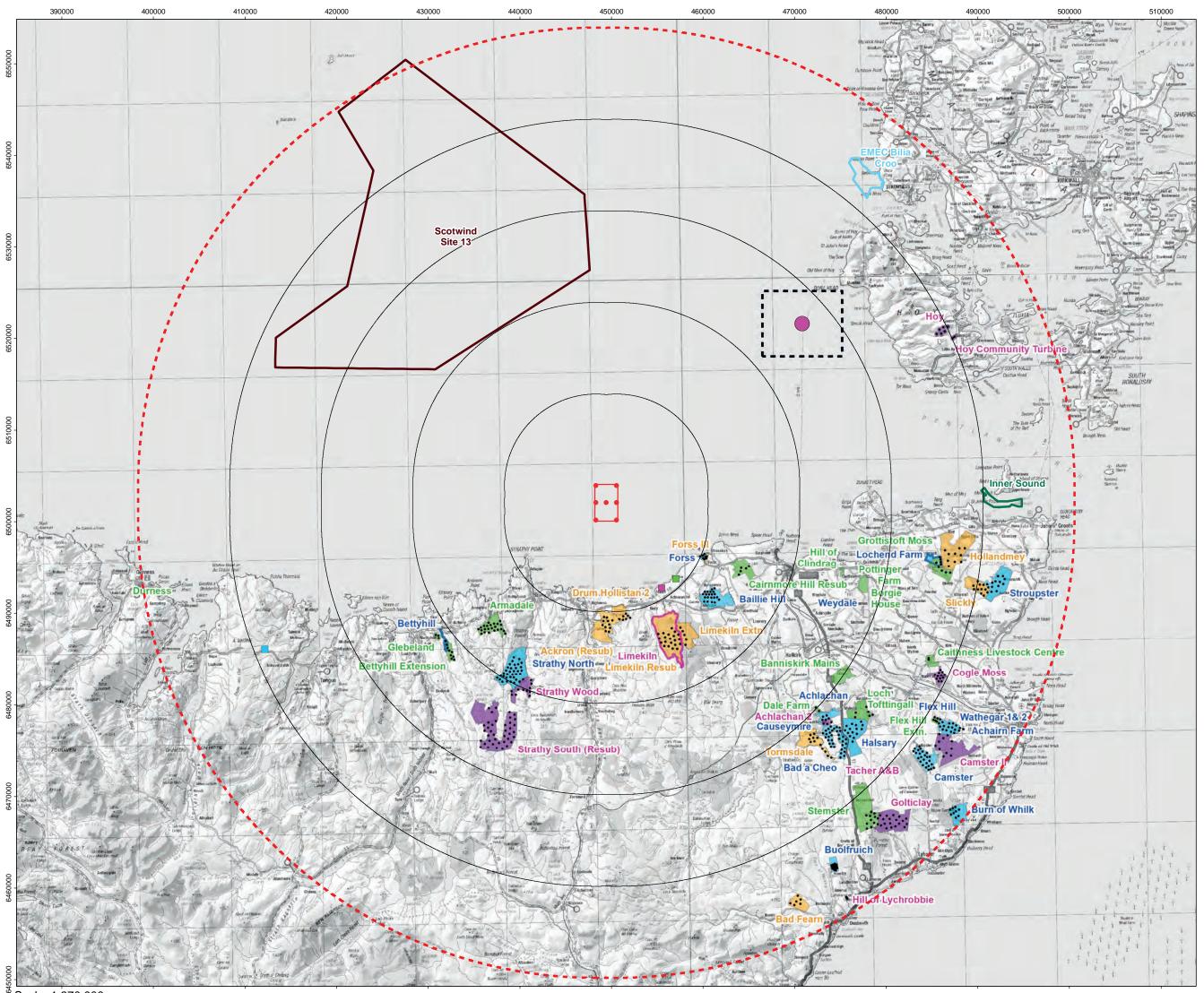
OS reference 320532 Elevation 125.9 n Direction of view 265° Nearest turbine 27,884 m

320532 E 976496 N 125.9 m AOD

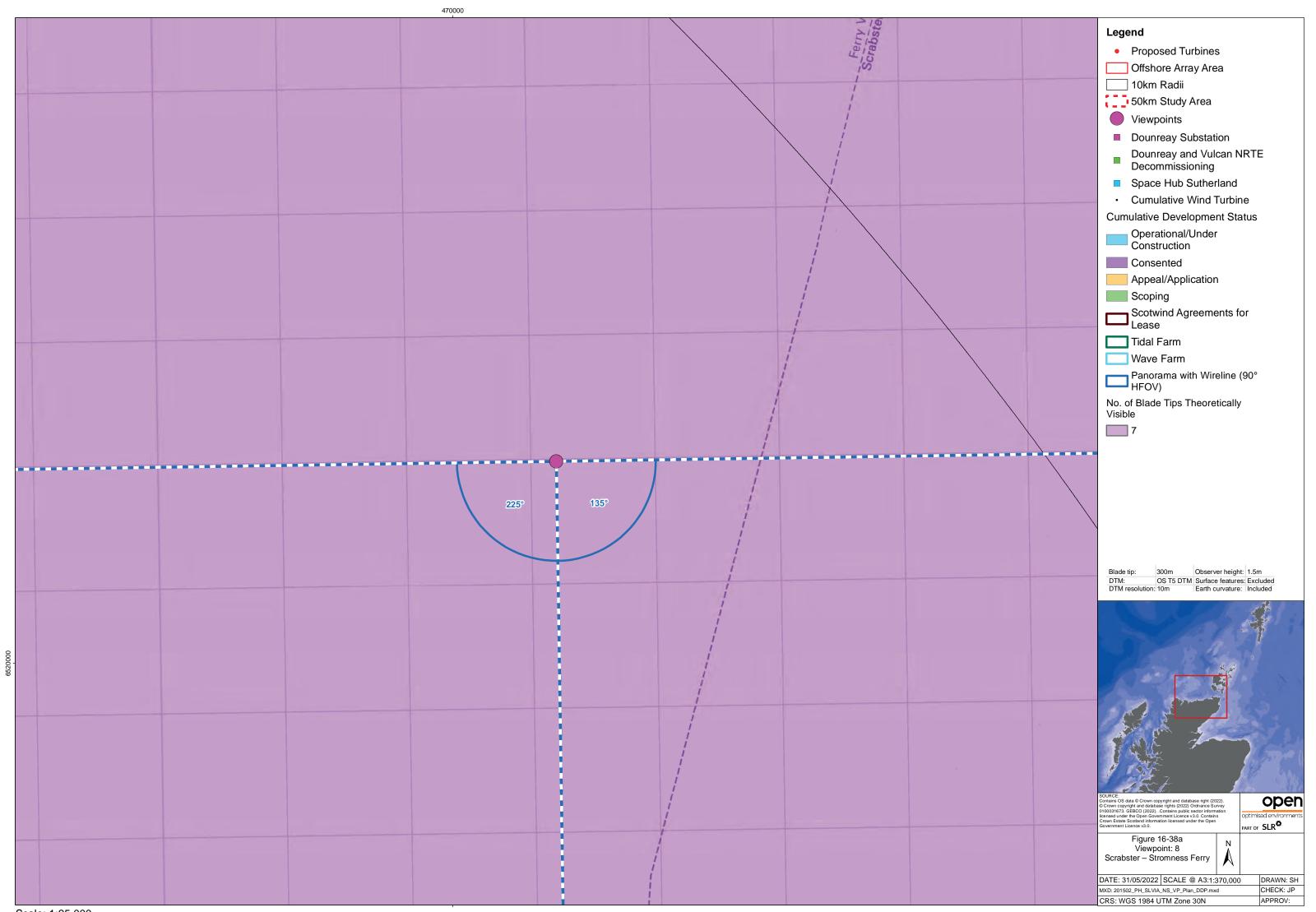
Horizontal field of view53.5° (planar projection)Principal distance812.5 mmPaper size841 x 297 mm (half A1)Correct printed image size820 x 260 mm

CameraCanon EOS 5D Mark IILensCanon EF 50mm f/1.4Camera height1.5m AGLDate & time taken12/04/2021 14:55

Figure 16.37h Viewpoint 7: Dunnet Head Photomontage © Crown Copyright and database right (2022). Licence Number 0100031673.



Scale: 1:370,000



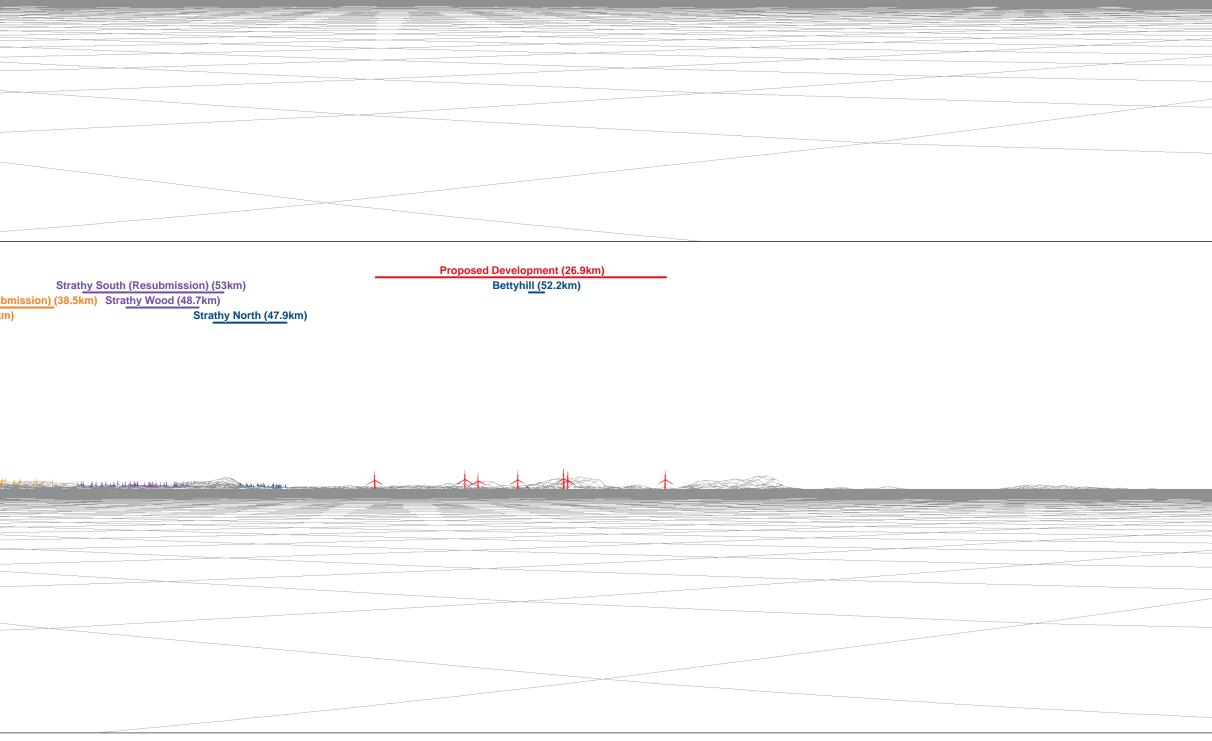
Scale: 1:25,000

<u>Hoy (14.7km)</u>				
Cumulative Wireline View - Pro	posed turbines in red, opera	ational / under constru	ction in blue, consented in purple, a	pplication in orange
earn (62.5km)			Limekiln Resub (36.2km) Limekiln (36.2km) Limekiln Extension (35.8km)	Ackr Drum Hollistar
earn (62.5km)		Baillie	Limekiln Resub (36.2km) Limekiln (36.2km) Limekiln Extension (35.8km) Hill (30.5km) Forss III (27.5km) Forss (27.3km)	Ackr Drum H <u>ollistar</u>
<u>earn (6</u> 2.5km)		Baillie	Limekiln (36.2km) Limekiln Extension (35.8km) Hill (30.5km) Forss III (27.5km)	
earn (6 2.5km)		Baillie	Limekiln (36.2km) Limekiln Extension (35.8km) Hill (30.5km) Forss III (27.5km)	
<u>earn (62</u> .5km)			Limekiln (36.2km) Limekiln Extension (35.8km) e Hill (30.5km) Forss III (27.5km) Forss (27.3km)	Drum H <u>ollistar</u>
earn (62.5km)			Limekiln (36.2km) Limekiln Extension (35.8km) Hill (30.5km) Forss III (27.5km)	Drum H <u>ollistar</u>
<u>earn (62</u> .5km)			Limekiln (36.2km) Limekiln Extension (35.8km) e Hill (30.5km) Forss III (27.5km) Forss (27.3km)	Drum H <u>ollistar</u>
earn (62.5km)			Limekiln (36.2km) Limekiln Extension (35.8km) e Hill (30.5km) Forss III (27.5km) Forss (27.3km)	Drum H <u>ollistar</u>
earn (62.5km)			Limekiln (36.2km) Limekiln Extension (35.8km) e Hill (30.5km) Forss III (27.5km) Forss (27.3km)	Drum H <u>ollistar</u>
earn (62.5km)			Limekiln (36.2km) Limekiln Extension (35.8km) e Hill (30.5km) Forss III (27.5km) Forss (27.3km)	

Elevation7.5 m AODDirection of view135 & 225° Nearest turbine 26,901 m

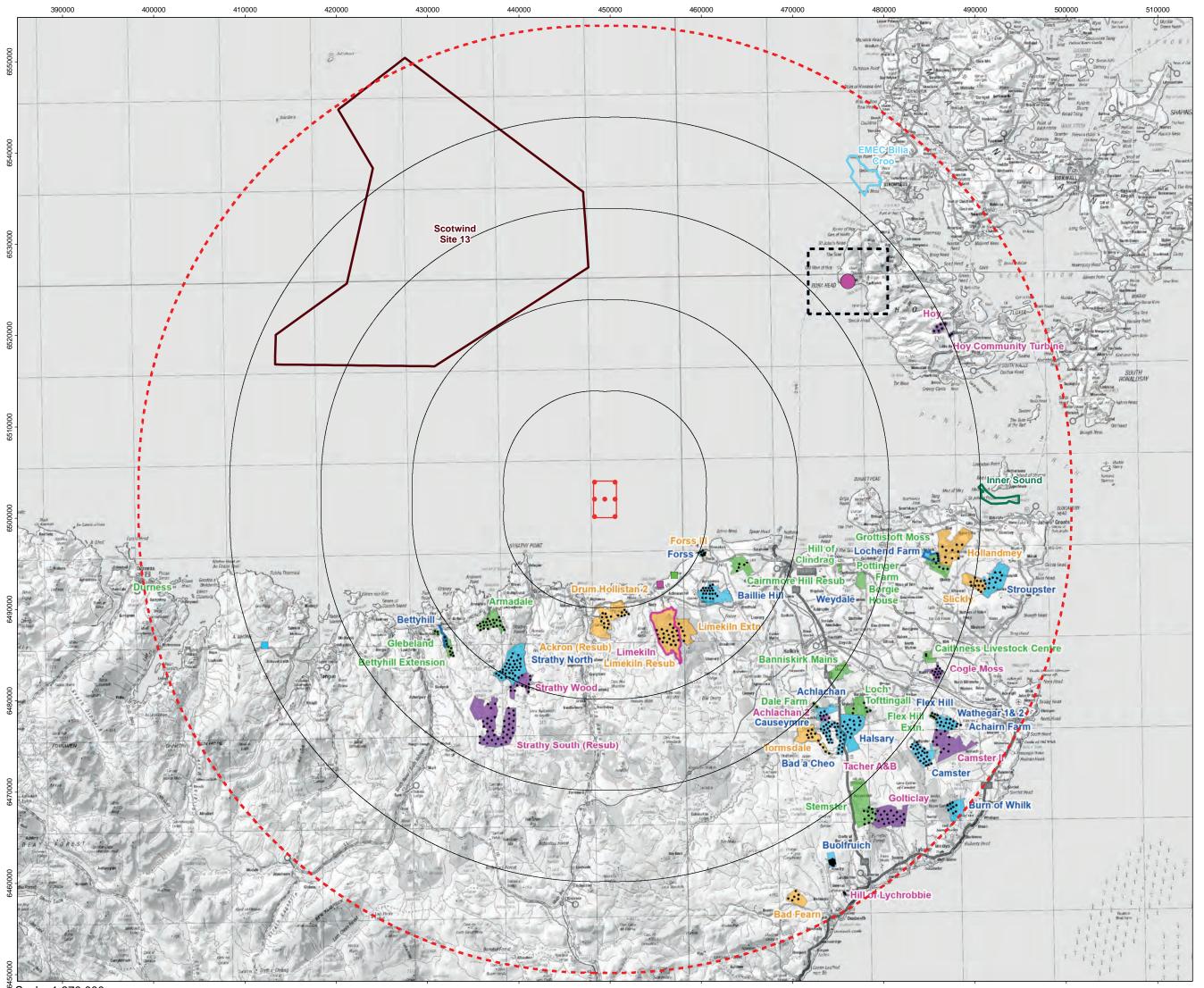
Principal distance522 mmPaper size841 x 297 mm (half A1)Correct printed image size820 x 130 mm

Stroupster (34.9km) Slickly (34.1km) Lochend Farm (29.6km) Hollandmey (29.2km)

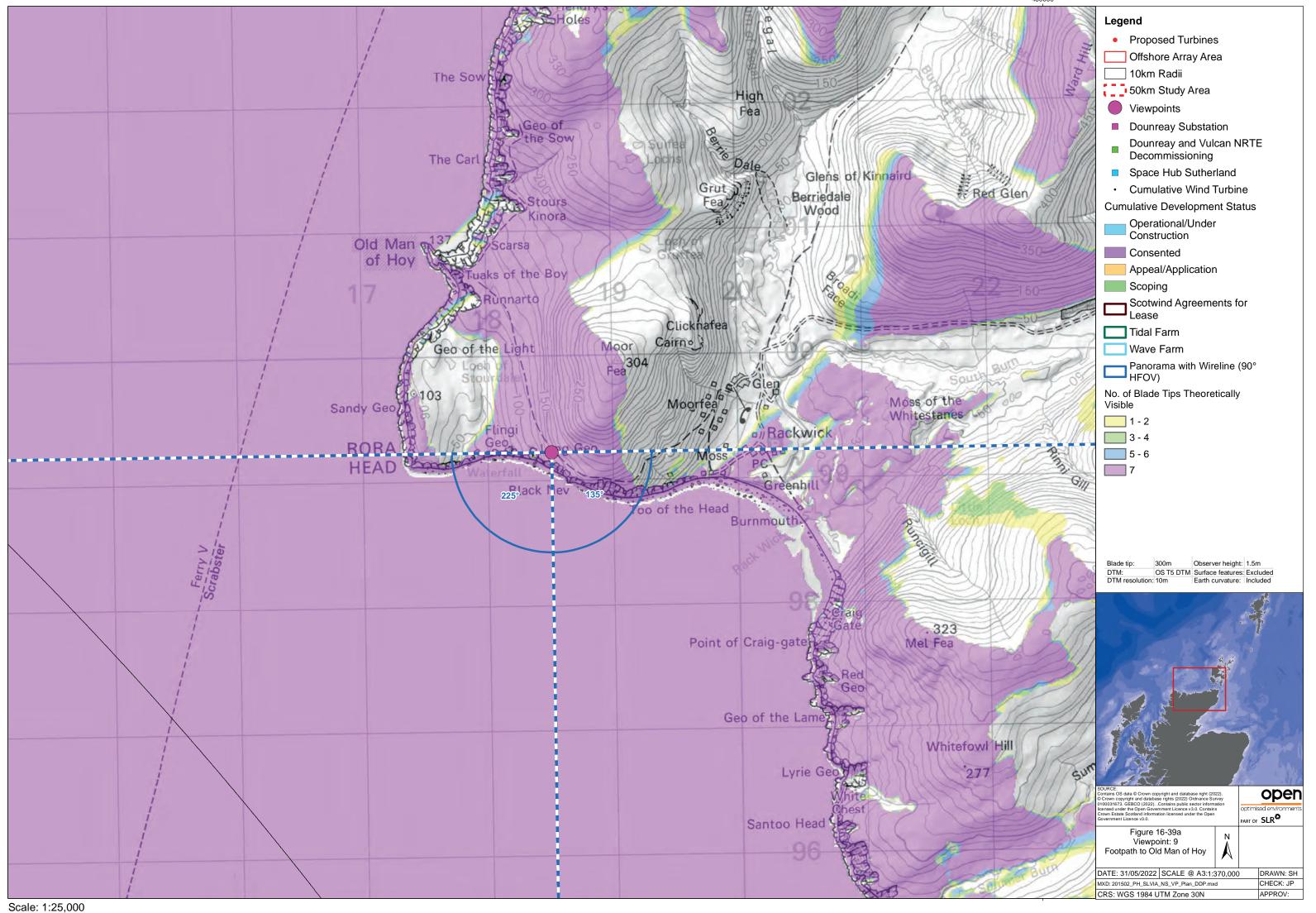


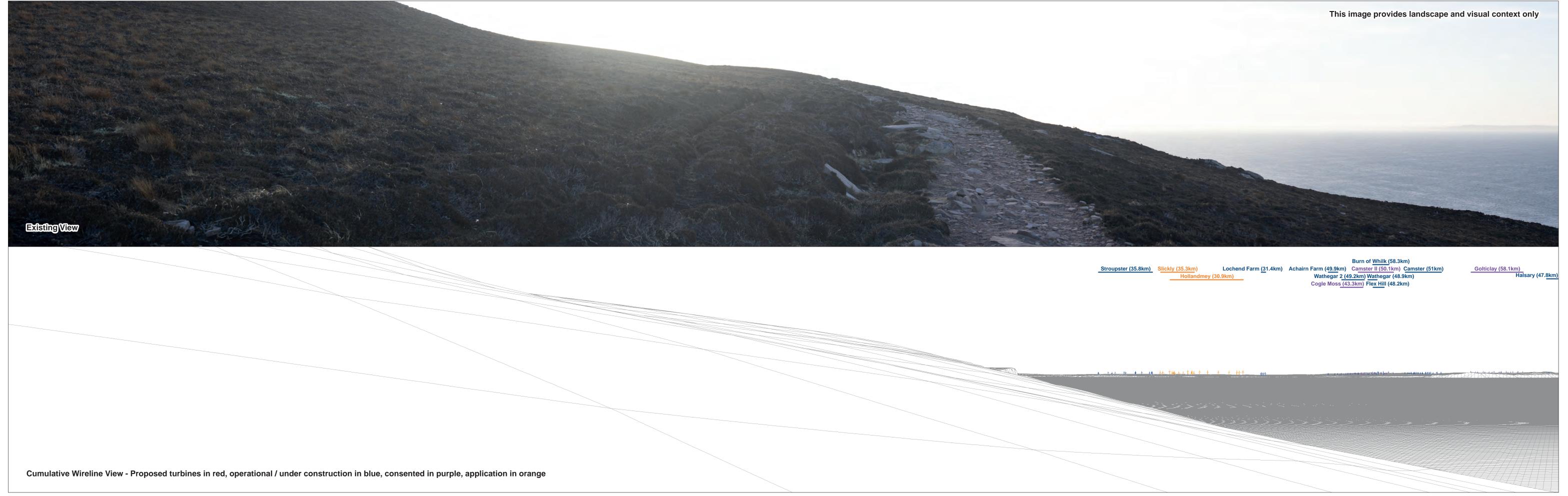
Buolfruich (59.1km) Bad a <u>Cheo (4</u>5.1km) <u>Tormsdale (44.8km)</u> Halsary (43.9km) Achlachan (42.9km) Causeymire (44.1km) Achlachan 2 (43.6km) Golticlay (54.4km) Scotwind Site 13 (23.9km)

> Figure 16.38b Viewpoint 8: Scrabster – Stromness Ferry Cumulative Wireline



Scale: 1:370,000





OS reference Elevation Direction of view 135° Nearest turbine 33,692 m

318510 E 999227 N 149.4 m AOD

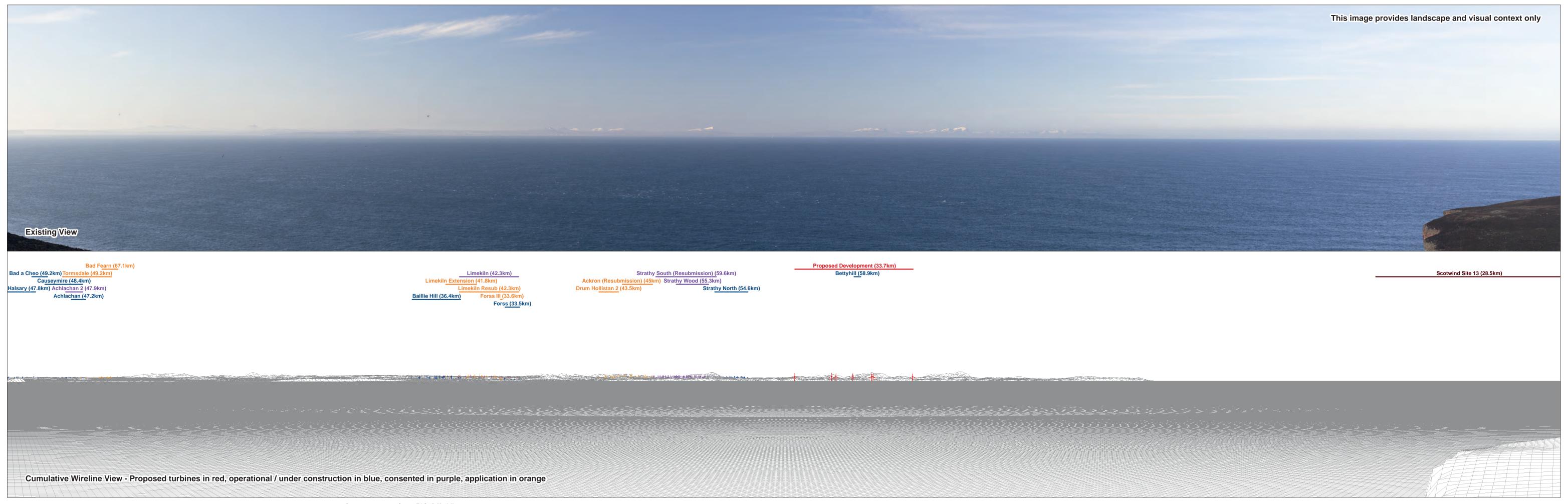
Horizontal field of view Principal distance Paper size Correct printed image size 820 x 130 mm

90° (cylindrical projection) 522 mm 841 x 297 mm (half A1)

Camera Lens Camera height 1.5m AGL Date & time taken 02/03/2022 08:55

Canon EOS 6D Mark II Canon EF 50mm f/1.4

Figure 16.39b Viewpoint 9: Footpath to Old Man of Hoy Panorama with Cumulative Wireline (view 1 of 2)



OS reference Elevation Direction of view 225° Nearest turbine 33,692 m

318510 E 999227 N 149.4 m AOD

Horizontal field of view Principal distance Paper size Correct printed image size 820 x 130 mm

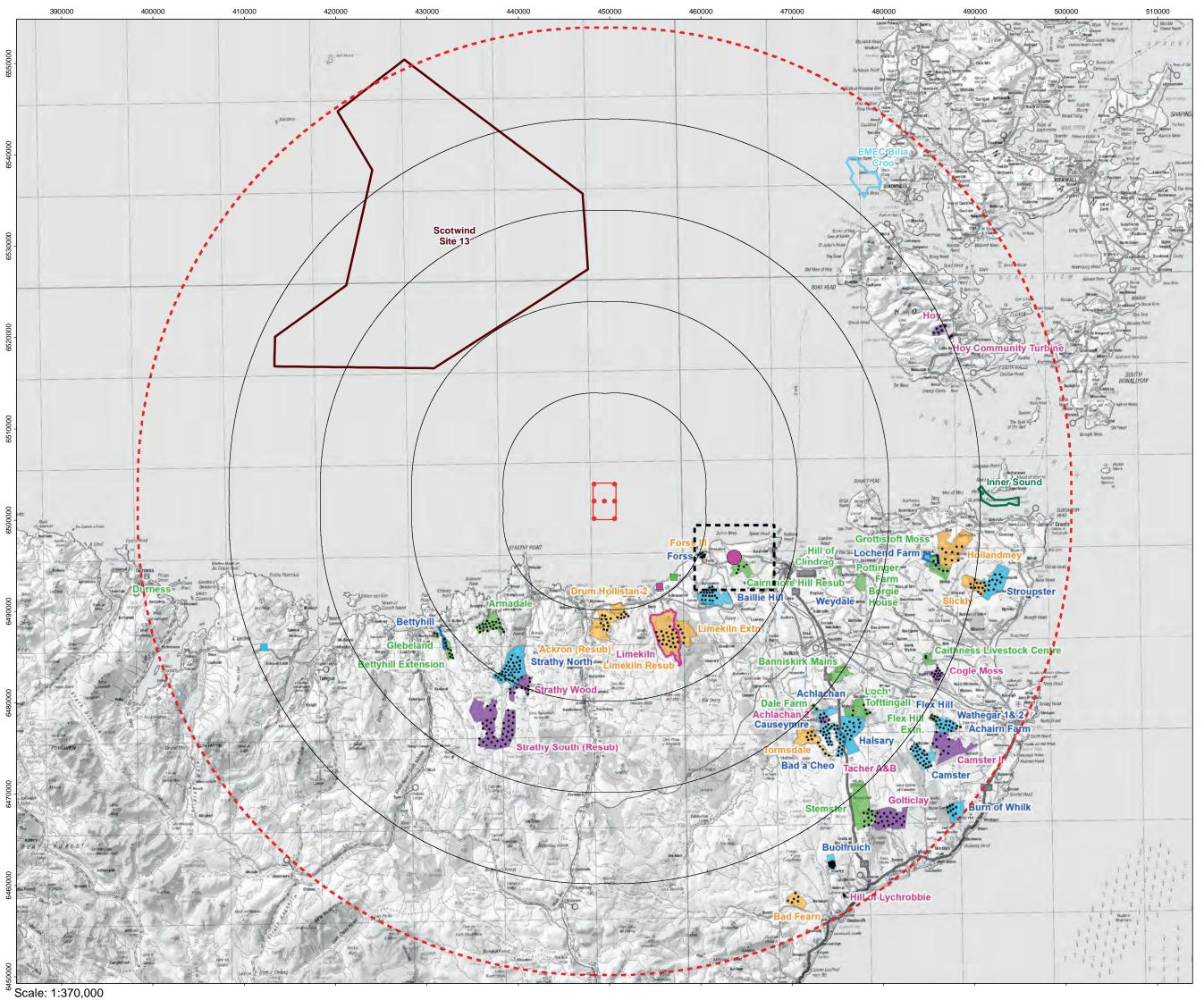
90° (cylindrical projection) 522 mm 841 x 297 mm (half A1)

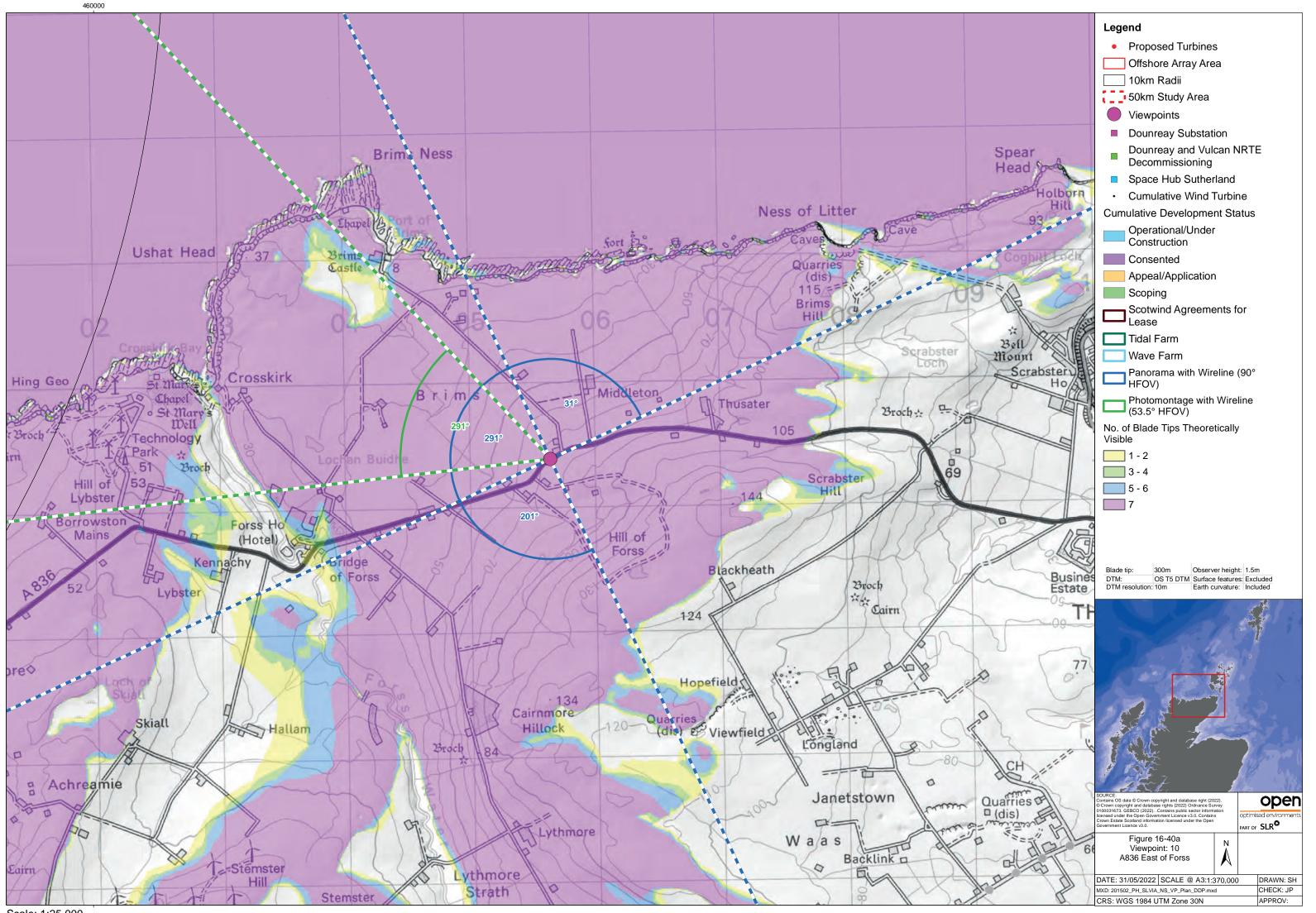
Camera Lens Camera height 1.5m AGL Date & time taken 02/03/2022 08:55

Canon EOS 6D Mark II Canon EF 50mm f/1.4

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Figure 16.39c Viewpoint 9: Footpath to Old Man of Hoy Panorama with Cumulative Wireline (view 2 of 2)





Scale: 1:25,000



Elevation 71.1 m AOD Direction of view 201° Nearest turbine 13,776 m

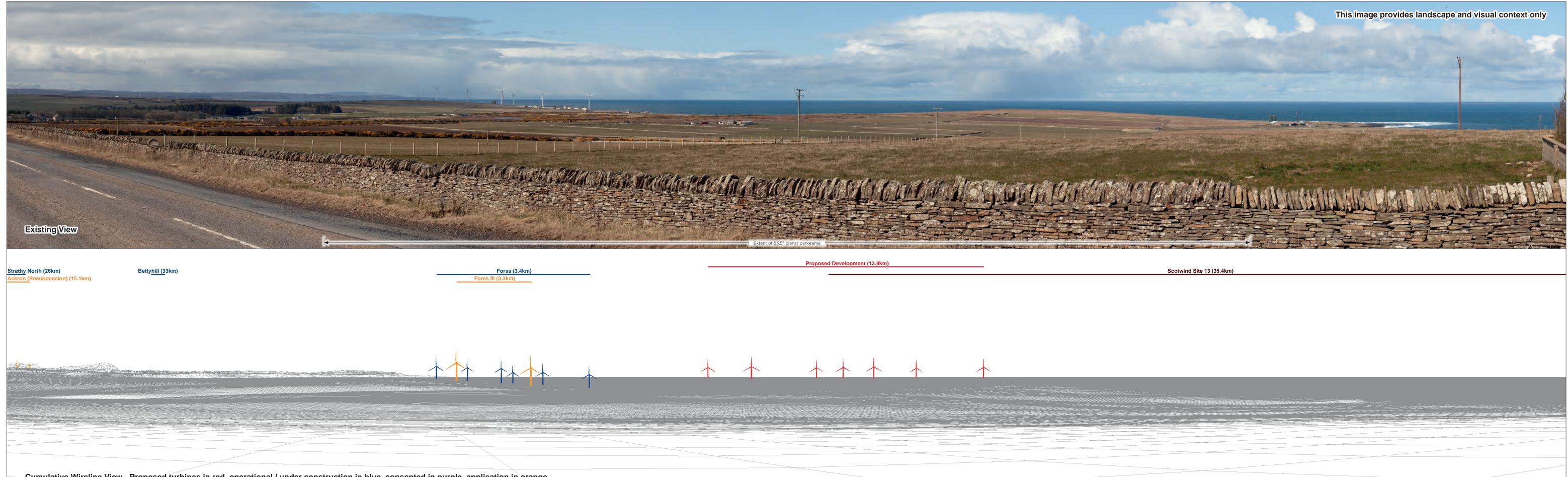
Principal distance Paper size

90° (cylindrical projection) 522 mm 841 x 297 mm (half A1) Correct printed image size 820 x 130 mm

Lens Camera height 1.5m AGL Date & time taken 12/04/2021 11:05

Canon EOS 6D Mark II Canon EF 50mm f/1.4

Figure 16.40b Viewpoint 10: A836 East of Forss Panorama with Cumulative Wireline (view 1 of 3)



-Cumulative Wireline View - Proposed turbines in red, operational / under construction in blue, consented in purple, application in orange

OS reference Elevation 71.1 m AOD Direction of view 2919 Nearest turbine 13.776 m

305643 E 969387 N

Principal distance Paper size

Horizontal field of view 90° (cylindrical projection) 522 mm 841 x 297 mm (half A1) Correct printed image size 820 x 130 mm

Camera Lens Camera height Date & time taken 12/04/2021 11:05

Canon EOS 6D Mark II Canon EF 50mm f/1.4 1.5m AGL

Figure 16.40c Viewpoint 10: A836 East of Forss Panorama with Cumulative Wireline (view 2 of 3)



OS reference Elevation 71.1 m AOD Direction of view 21° Nearest turbine 13,776 m

305643 E 969387 N

Horizontal field of view Principal distance Paper size Correct printed image size 820 x 130 mm

90° (cylindrical projection) 522 mm 841 x 297 mm (half A1)

Camera Lens
 Camera height
 1.5m AGL

 Date & time taken
 12/04/2021 11:05

Canon EOS 6D Mark II Canon EF 50mm f/1.4

Figure 16.40d Viewpoint 10: A836 East of Forss Panorama with Cumulative Wireline (view 3 of 3)

Wireline View

OS reference 305643 E 969387 N Elevation Direction of view 291° Nearest turbine 13,776 m

71.1 m AOD

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

53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1)

Camera Lens Camera height 1.5m AGL Date & time taken 12/04/2021 11:05

Canon EOS 6D Mark II Canon EF 50mm f/1.4

1 6 2 7 5 3 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

View flat at a comfortable arm's length

Figure 16.40e Viewpoint 10: A836 East of Forss Wireline



Elevation Direction of view Nearest turbine

2919

13,776 m

Paper size

812.5 mm 841 x 297 mm (half A1) Correct printed image size 820 x 260 mm

Lens Camera height

1.5m AGL Date & time taken 12/04/2021 11:05

Figure 16.40f Viewpoint 10: A836 East of Forss Photomontage © Crown Copyright and database right (2022). Licence Number 0100031673.



Direction of view

2919 Nearest turbine 13,776 m Paper size

841 x 297 mm (half A1) Correct printed image size 820 x 260 mm

Camera height Date & time taken 12/04/2021 11:05

1.5m AGL

Figure 16.40g Viewpoint 10: A836 East of Forss Photomontage © Crown Copyright and database right (2022). Licence Number 0100031673.

xistingView	
Cumulative Wireline View - Proposed turbines in red, operational / under construct	

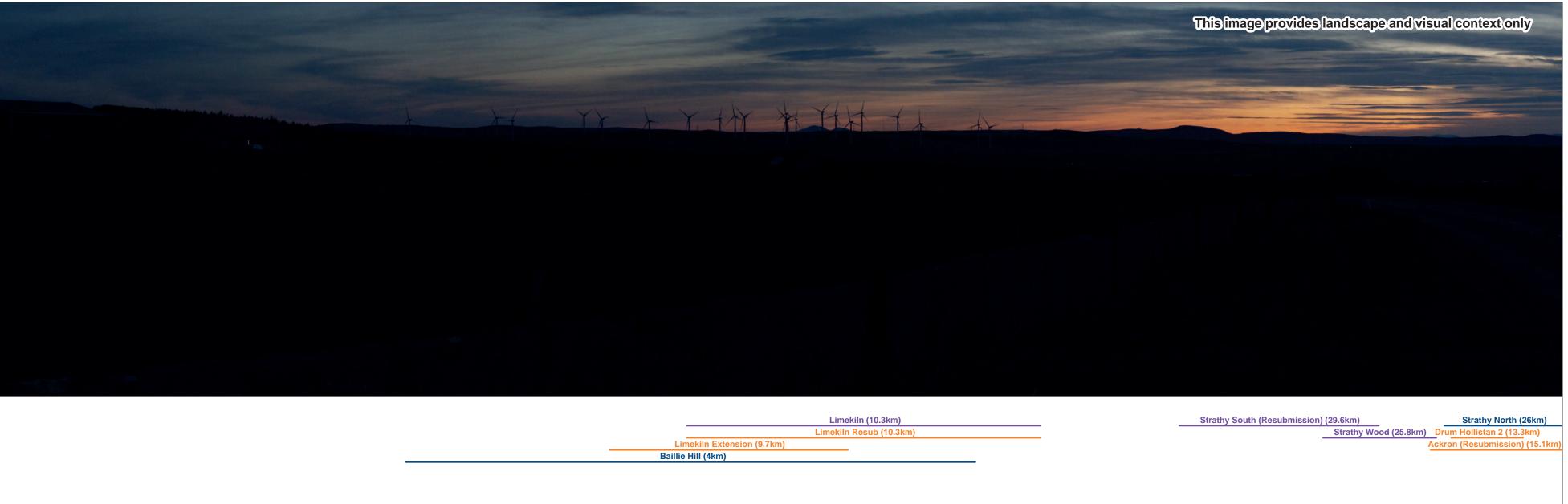
OS reference 305644 E 969378 N Elevation 71.1 m AOD Direction of view 201° Nearest turbine 13,774 m

Horizontal field of view Principal distance Paper size

90° (cylindrical projection) 522 mm 841 x 297 mm (half A1) Correct printed image size 820 x 130 mm

Camera Lens Camera height 1.5m AGL Date & time taken 06/03/2021 18:35

Canon EOS 6D Mark II Canon EF 50mm f/1.4



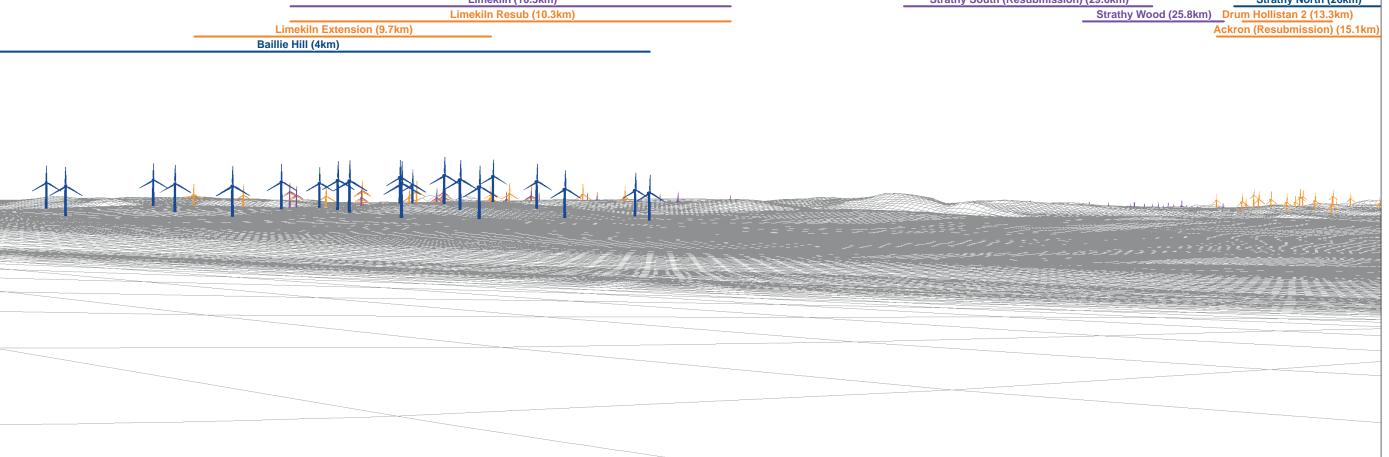
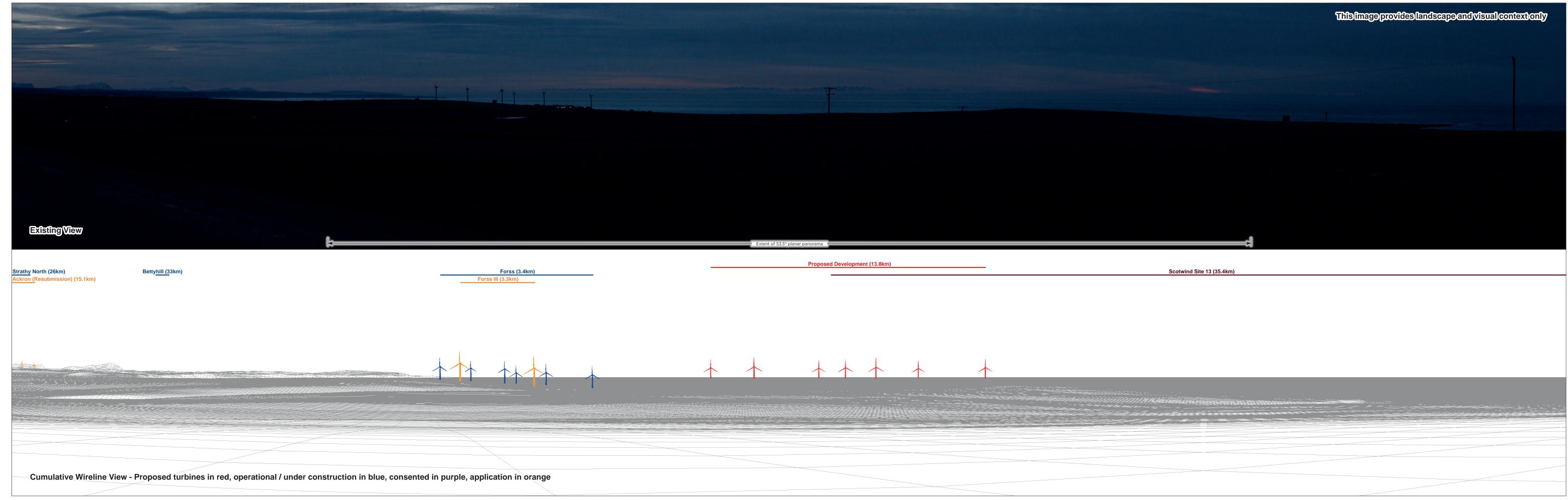


Figure 16.40h Viewpoint 10: A836 East of Forss Night-time Panorama with Cumulative Wireline (view 1 of 3)



305644 E 969378 N OS reference Elevation 71.1 m AOD Direction of view 291° Nearest turbine 13,774 m

Horizontal field of view Principal distance Paper size

90° (cylindrical projection) 522 mm 841 x 297 mm (half A1) Correct printed image size 820 x 130 mm

Camera Lens Camera height 1.5m AGL Date & time taken 06/03/2021 18:35

Canon EOS 6D Mark II Canon EF 50mm f/1.4



Figure 16.40i Viewpoint 10: A836 East of Forss Night-time Panorama with Cumulative Wireline (view 2 of 3)



OS reference **305644 E 969378 N** Elevation 71.1 m AOD Direction of view 21° Nearest turbine 13,774 m

Paper size

90° (cylindrical projection) Horizontal field of view Principal distance 522 mm 841 x 297 mm (half A1) Correct printed image size 820 x 130 mm

Camera Lens

Canon EOS 6D Mark II Canon EF 50mm f/1.4 Camera height 1.5m AGL Date & time taken 06/03/2021 18:35

Figure 16.40j Viewpoint 10: A836 East of Forss Night-time Panorama with Cumulative Wireline (view 3 of 3)

Photomontage (2000 candelalights)

OS reference Elevation Direction of view 291° Nearest turbine 13,774 m

305644 E 969378 N 71.1 m AOD

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

53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1)

Camera Lens Camera height 1.5m AGL Date & time taken 06/03/2021 18:35

Canon EOS 6D Mark II Canon EF 50mm f/1.4



Figure 16.40k Viewpoint 10: A836 East of Forss Night-time Photomontage © Crown Copyright and database right (2022). Licence Number 0100031673.

.

Photomontage (200 candela lights)

OS reference Elevation Direction of view 291° Nearest turbine 13,774 m

305644 E 969378 N 71.1 m AOD

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

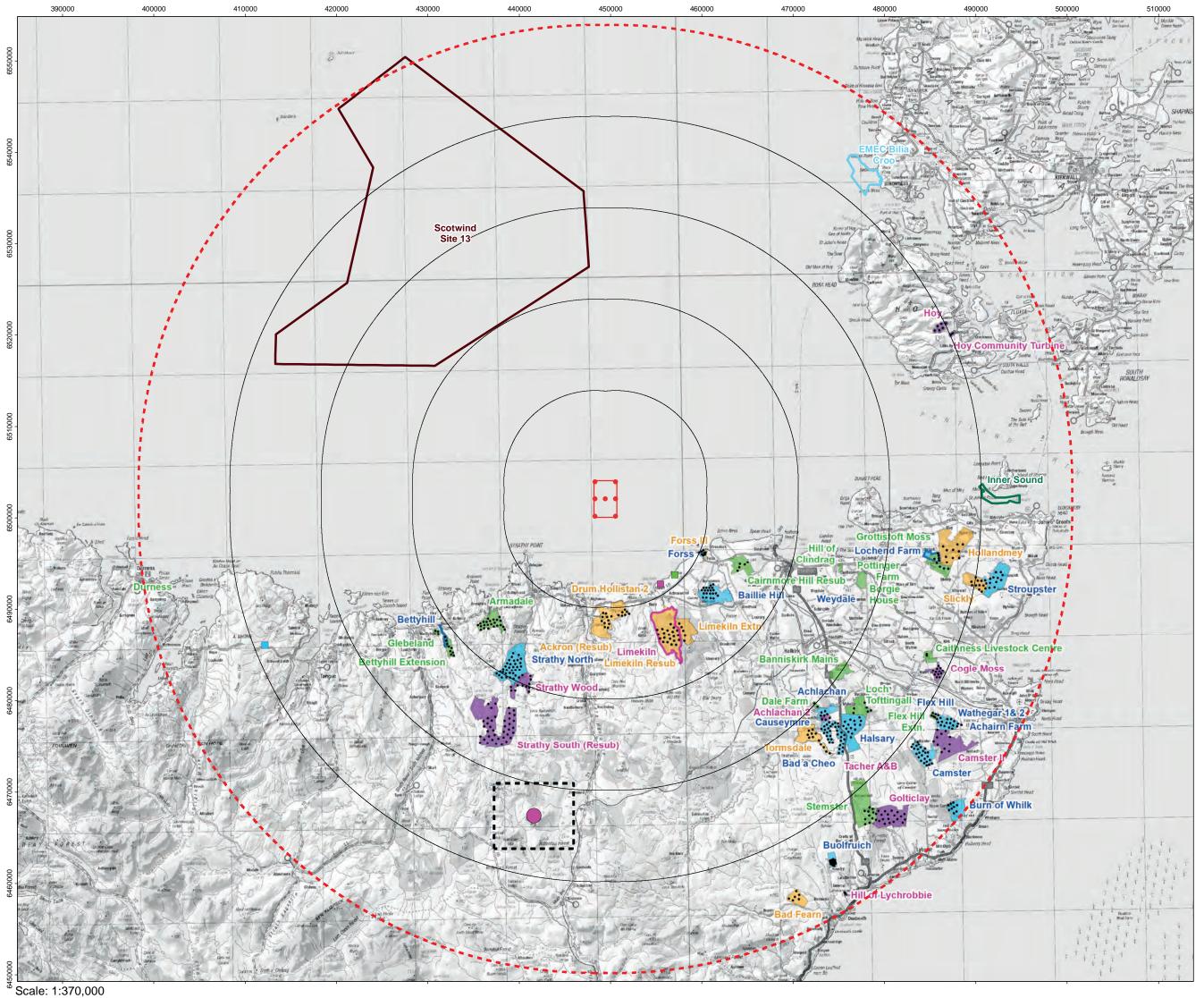
53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1)

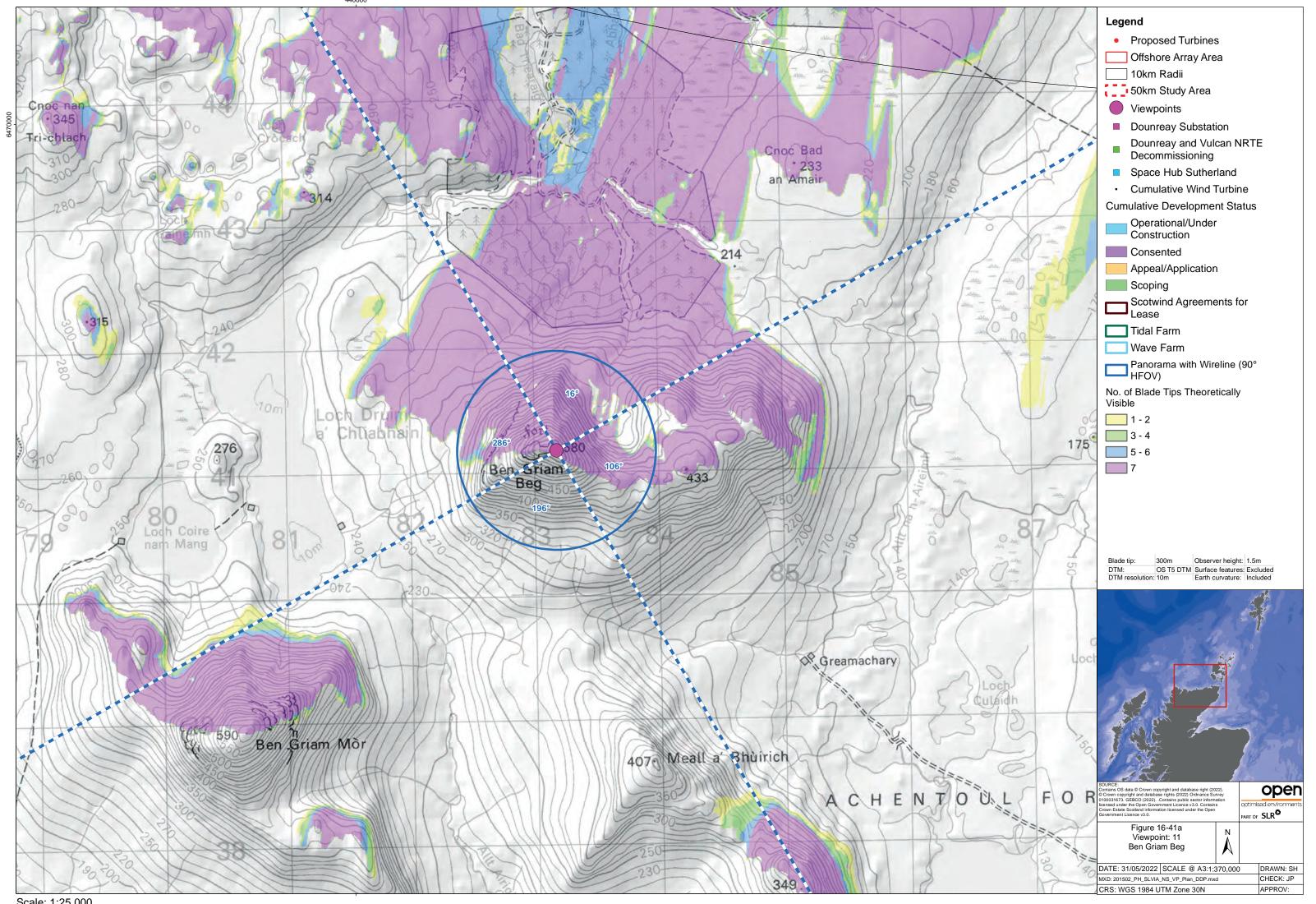
Camera Lens Camera height 1.5m AGL Date & time taken 06/03/2021 18:35

Canon EOS 6D Mark II Canon EF 50mm f/1.4



Figure 16.40I Viewpoint 10: A836 East of Forss Night-time Photomontage © Crown Copyright and database right (2022). Licence Number 0100031673.





Scale: 1:25,000



Elevation Direction of view 16° Nearest turbine 33,505 m Principal distance Paper size

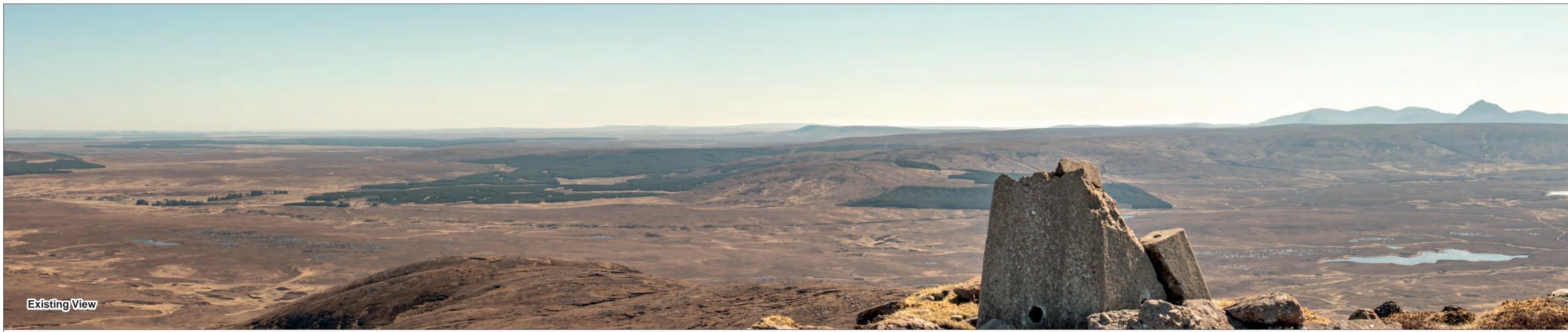
522 mm 841 x 297 mm (half A1) Correct printed image size 820 x 130 mm

Lens Camera height 1.5m AGL Date & time taken 21/04/2020 11:05

Nikkor AF-S 50mm f/1.4G

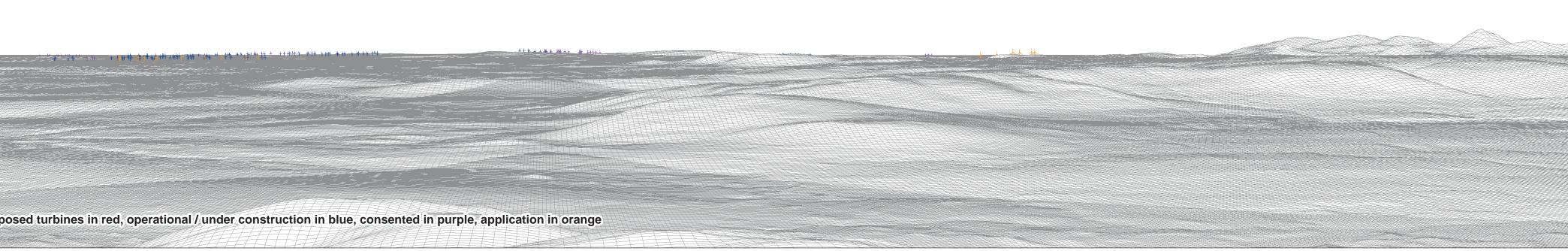
Forss III (34.2km)		ŀ
Forss (34km)	Baillie Hill	(3
	Limekiln (23.7km)	
	Limekiln Resub (23.7km)	
	Limekiln Ex	ct

Figure 16.41b Viewpoint 11: Ben Griam Beg Panorama with Cumulative Wireline (view 1 of 4)



Achairn Farm (47.4km) Wathegar 2 (46km) Stroupster (55.7km) Slickly (54.2km) Cogle <u>Moss (46</u>.5km) Achlac<u>han (</u>33.3km) Wathegar (45.4km) Achlachan 2 (33.3km) Flex Hill (45.1km) Camster II (44.5km) Halsary (35.3km) Camster (42km) Bad a Cheo (34.1km) nire (32.9km)

Burn of Whilk (45.4km) Golticlay (37.5km)



Cumulative Wireline View - Proposed turbines in red, operational / under construction in blue, consented in purple, application in orange

OS reference Elevation Direction of view 106° Nearest turbine 33,505 m

283179 E 941175 N 569.8 m AOD

Horizontal field of view Principal distance Paper size Correct printed image size 820 x 130 mm

90° (cylindrical projection) 522 mm 841 x 297 mm (half A1)

Camera Lens Camera height 1.5m AGL Date & time taken 21/04/2020 11:05

Nikon D750 Nikkor AF-S 50mm f/1.4G Buolfruich (32.8km) Hill of Lychrobbie (35km) Bad Fearn (29.3km)



Figure 16.41c Viewpoint 11: Ben Griam Beg Panorama with Cumulative Wireline (view 2 of 4)



OS reference Elevation 569.8 m AOD Direction of view 196° Nearest turbine 33,505 m

Horizontal field of view Principal distance Paper size Correct printed image size 820 x 130 mm

90° (cylindrical projection) 522 mm 841 x 297 mm (half A1)

Lens Camera height 1.5m AGL Date & time taken 21/04/2020 11:05

Nikon D750 Nikkor AF-S 50mm f/1.4G

Figure 16.41d Viewpoint 11: Ben Griam Beg Panorama with Cumulative Wireline (view 3 of 4)



Cumulative Wireline View - Proposed turbines in red, operational / under construction in blue, consented in purple, application in orange

OS reference Elevation Direction of view 286° Nearest turbine 33,505 m

283179 E 941175 N 569.8 m AOD

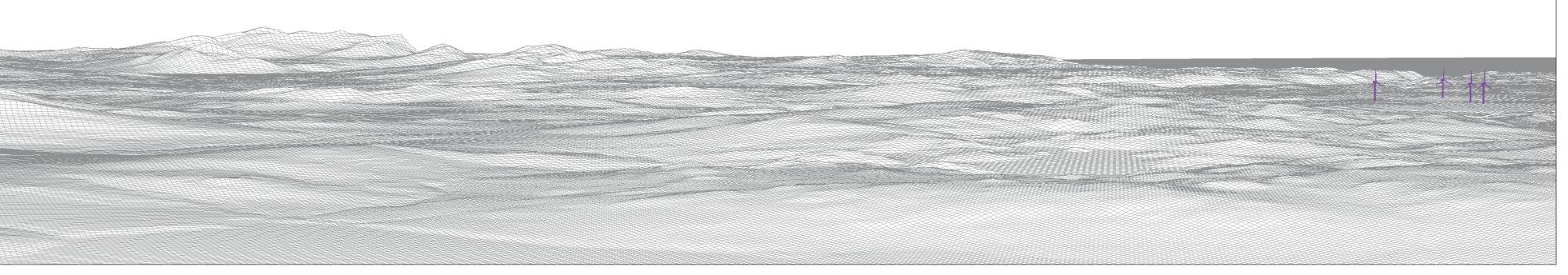
Horizontal field of view Principal distance Paper size Correct printed image size 820 x 130 mm

90° (cylindrical projection) 522 mm 841 x 297 mm (half A1)

Camera Lens
 Camera height
 1.5m AGL

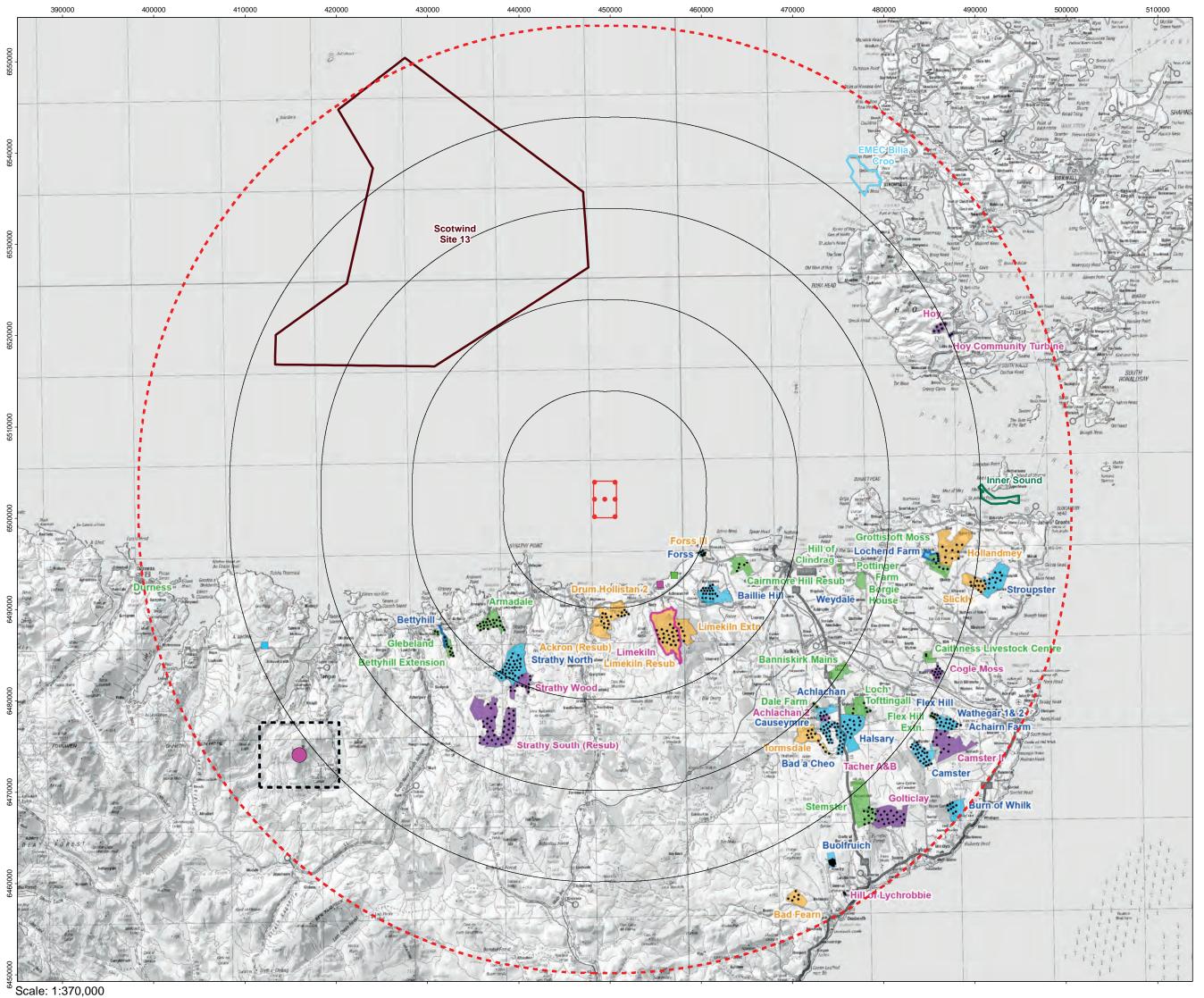
 Date & time taken
 21/04/2020 11:05

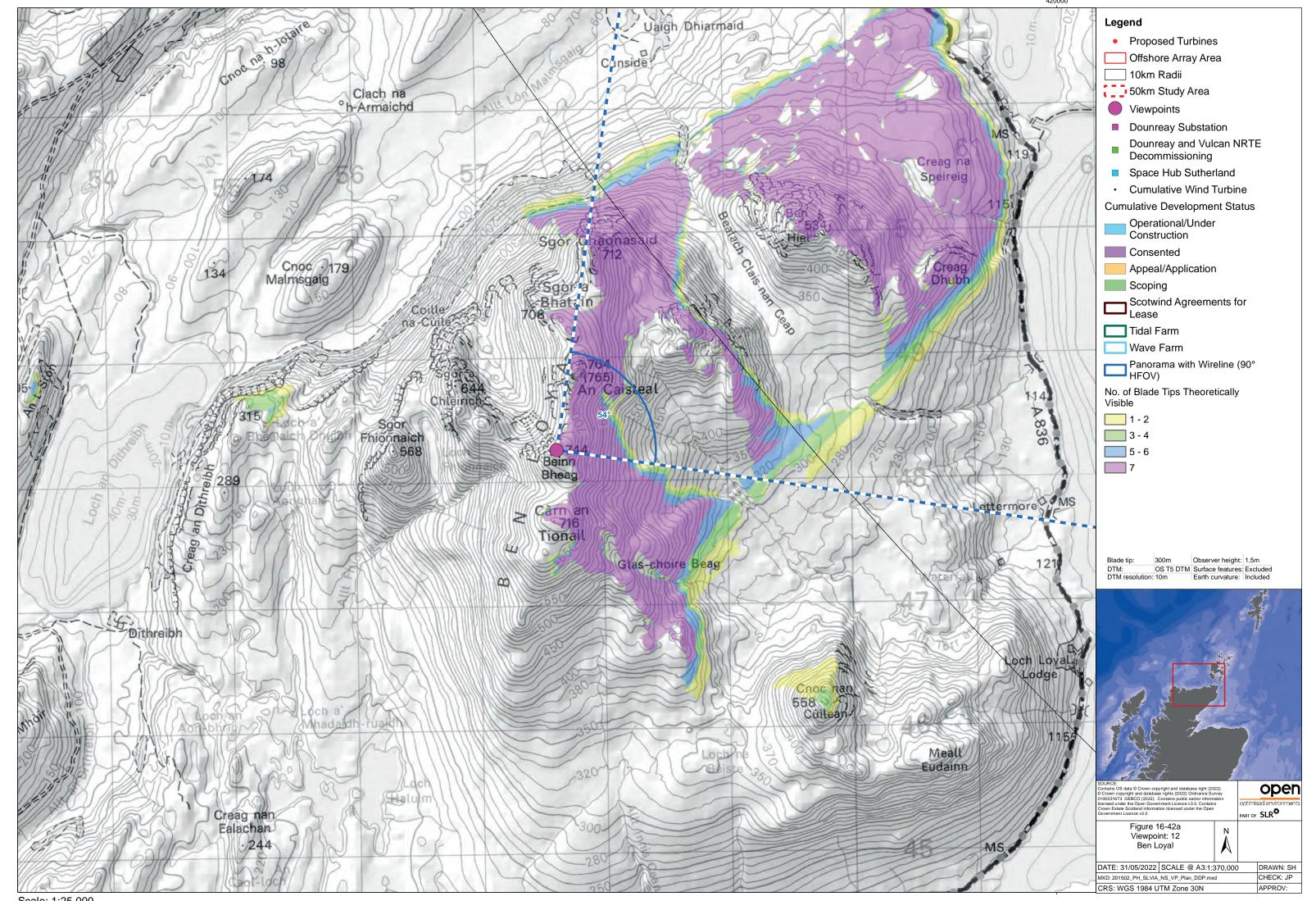
Nikon D750 Nikkor AF-S 50mm f/1.4G



Strathy South (Resubmission) (8.6km)

Figure 16.41e Viewpoint 11: Ben Griam Beg Panorama with Cumulative Wireline (view 4 of 4)





Scale: 1:25,000



OS reference Elevation Direction of view 54° Nearest turbine 41,592 m

257626 E 948257 N

710.5 m AOD

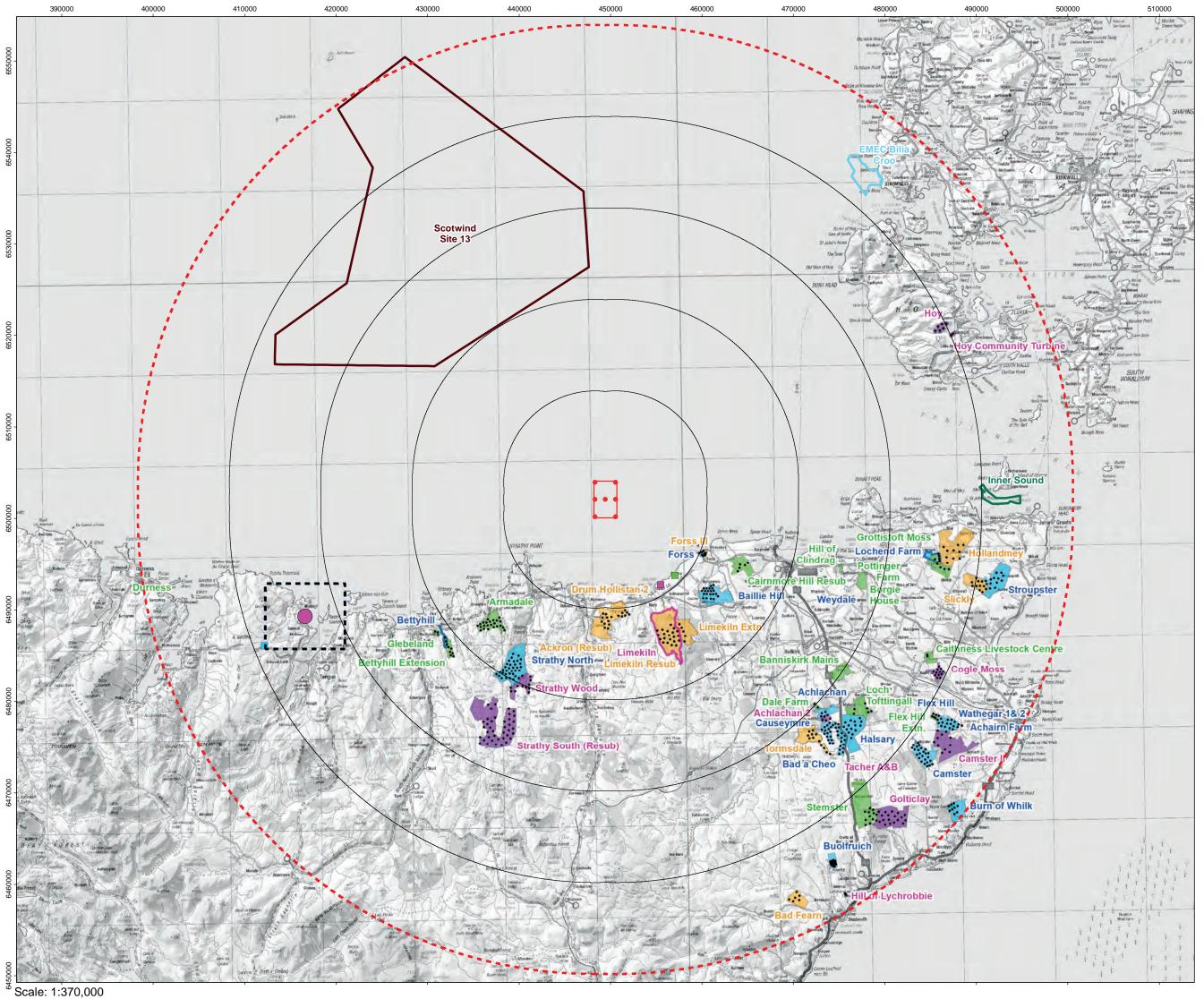
Horizontal field of view Principal distance Paper size

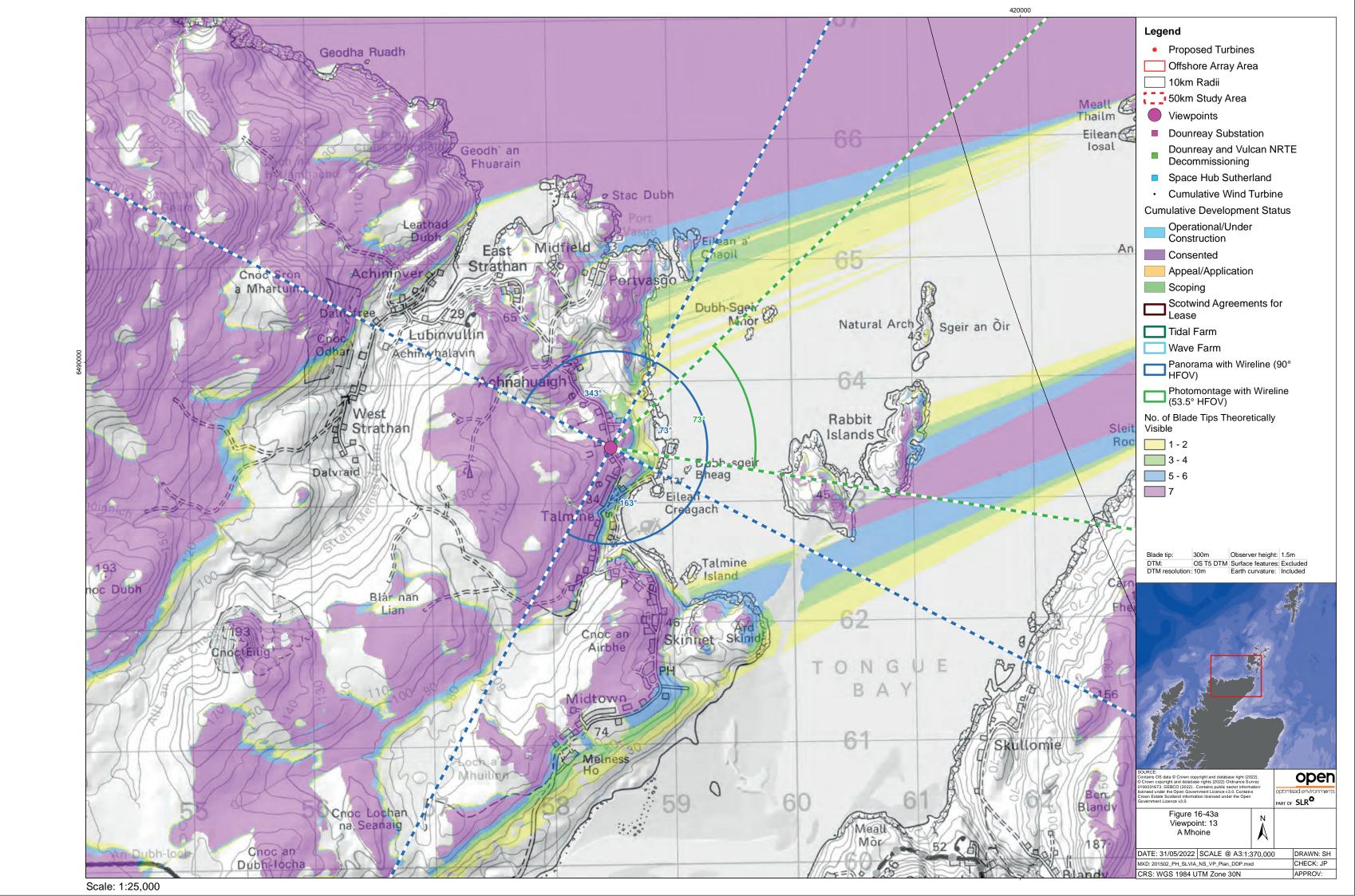
90° (cylindrical projection) 522 mm 841 x 297 mm (half A1) Correct printed image size 820 x 130 mm

Camera Lens Camera height 1.5m AGL Date & time taken 17/09/2019 10:15

Nikon D750 Nikkor AF-S 50mm f/1.4G

Figure 16.42b Viewpoint 12: Ben Loyal Panorama with Cumulative Wireline







Elevation 53.5 m AOD Direction of view 343° Nearest turbine 33,542 m

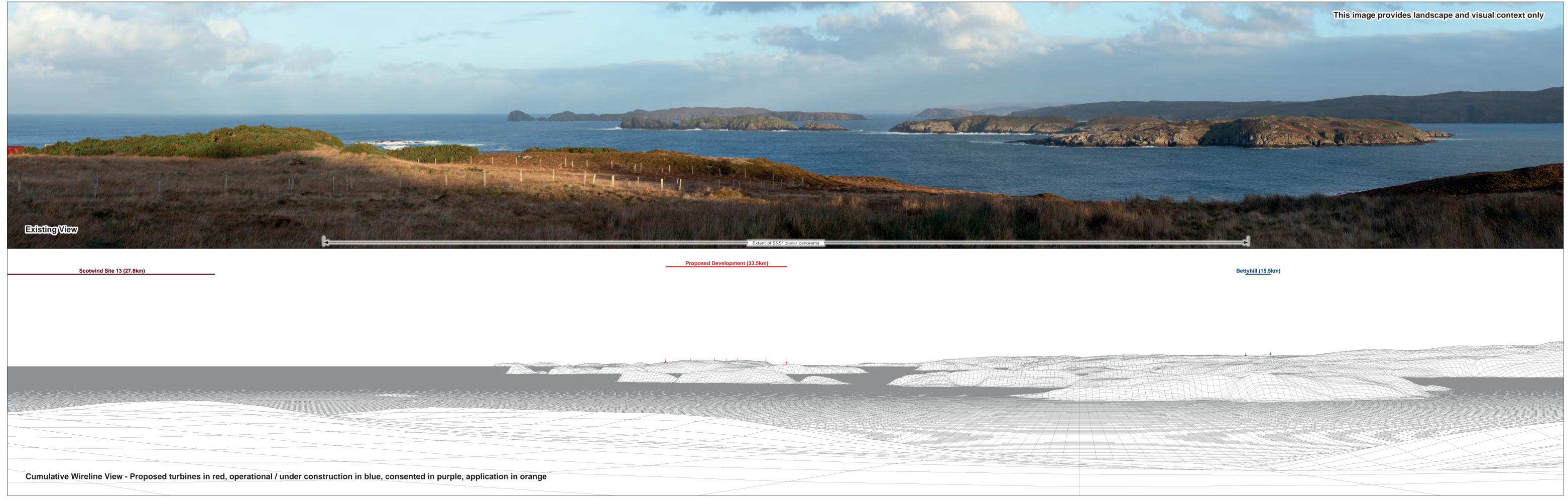
Principal distance Paper size

522 mm 841 x 297 mm (half A1) Correct printed image size 820 x 130 mm

Lens Camera height 1.5m AGL Date & time taken 09/11/2021 15:10

Canon EOS 5D Mark II Canon EF 50mm f/1.4

Figure 16.43b Viewpoint 13: A Mhoine Panorama with Cumulative Wireline (view 1 of 3)



258497 E 963460 N OS reference Elevation 53.5 m AOD Direction of view 73° Nearest turbine 33,542 m

Horizontal field of view Principal distance Paper size

90° (cylindrical projection) 522 mm 841 x 297 mm (half A1) Correct printed image size 820 x 130 mm

Camera Lens Camera height 1.5m AGL Date & time taken 09/11/2021 15:10

Canon EOS 5D Mark II Canon EF 50mm f/1.4

Figure 16.43c Viewpoint 13: A Mhoine Panorama with Cumulative Wireline (view 2 of 3) © Crown Copyright and database right (2022). Licence Number 0100031673.



OS reference Elevation Direction of view 163° Nearest turbine 33,542 m

258497 E 963460 N 53.5 m AOD

Horizontal field of view Principal distance Paper size Correct printed image size 820 x 130 mm

90° (cylindrical projection) 522 mm 841 x 297 mm (half A1)

Camera Lens Camera height 1.5m AGL Date & time taken 09/11/2021 15:10

Canon EOS 5D Mark II Canon EF 50mm f/1.4

Figure 16.43d Viewpoint 13: A Mhoine Panorama with Cumulative Wireline (view 3 of 3)

3 4 2 7 5 1 6 | | | | | | |

View flat at a comfortable arm's length

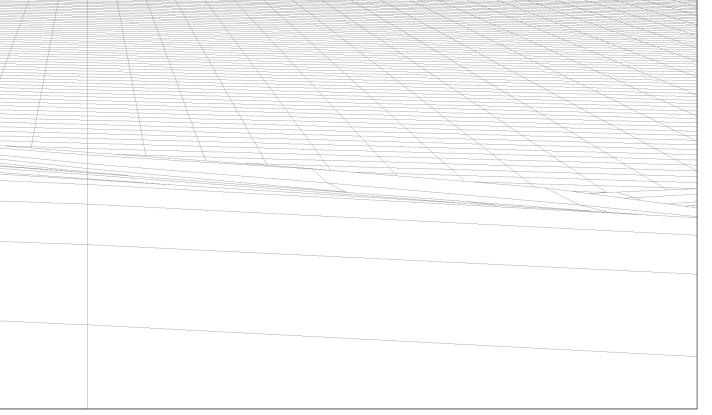


Figure 16.43e Viewpoint 13: A Mhoine Wireline



OS reference Elevation Direction of view 73° Nearest turbine 33,542 m

258497 E 963460 N 53.5 m AOD

Horizontal field of view Principal distance Paper size

53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1) Correct printed image size 820 x 260 mm

CameraCanon EOS 5D Mark IILensCanon EF 50mm f/1.4Camera height1.5m AGLDate & time taken09/11/2021 15:10

View flat at a comfortable arm's length

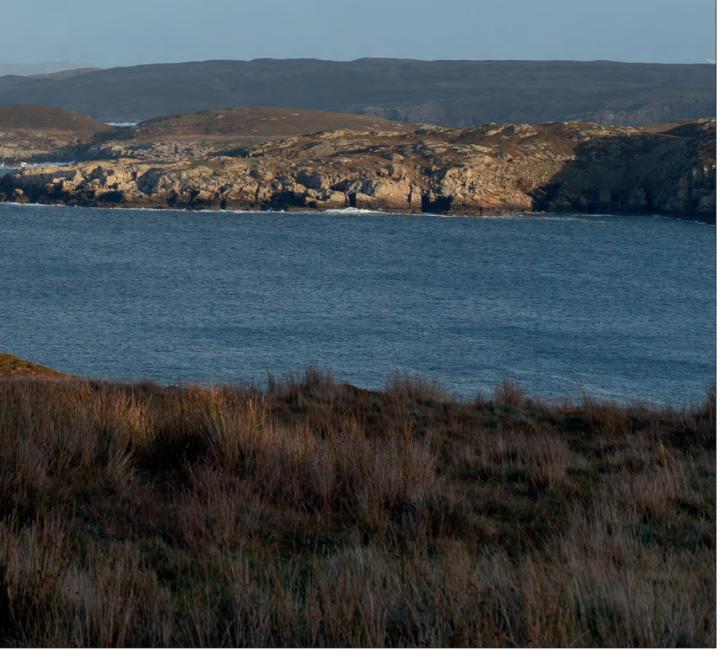
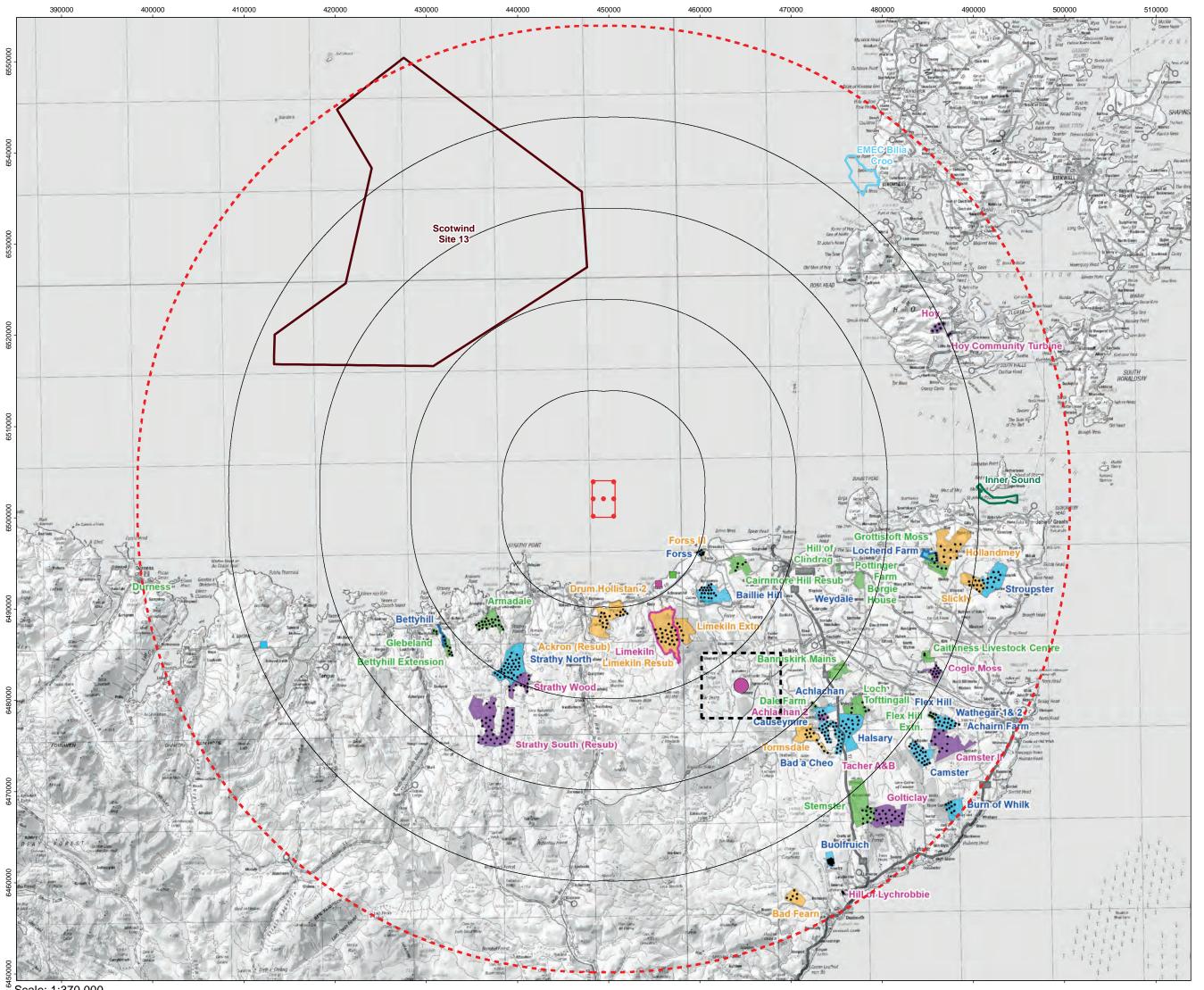
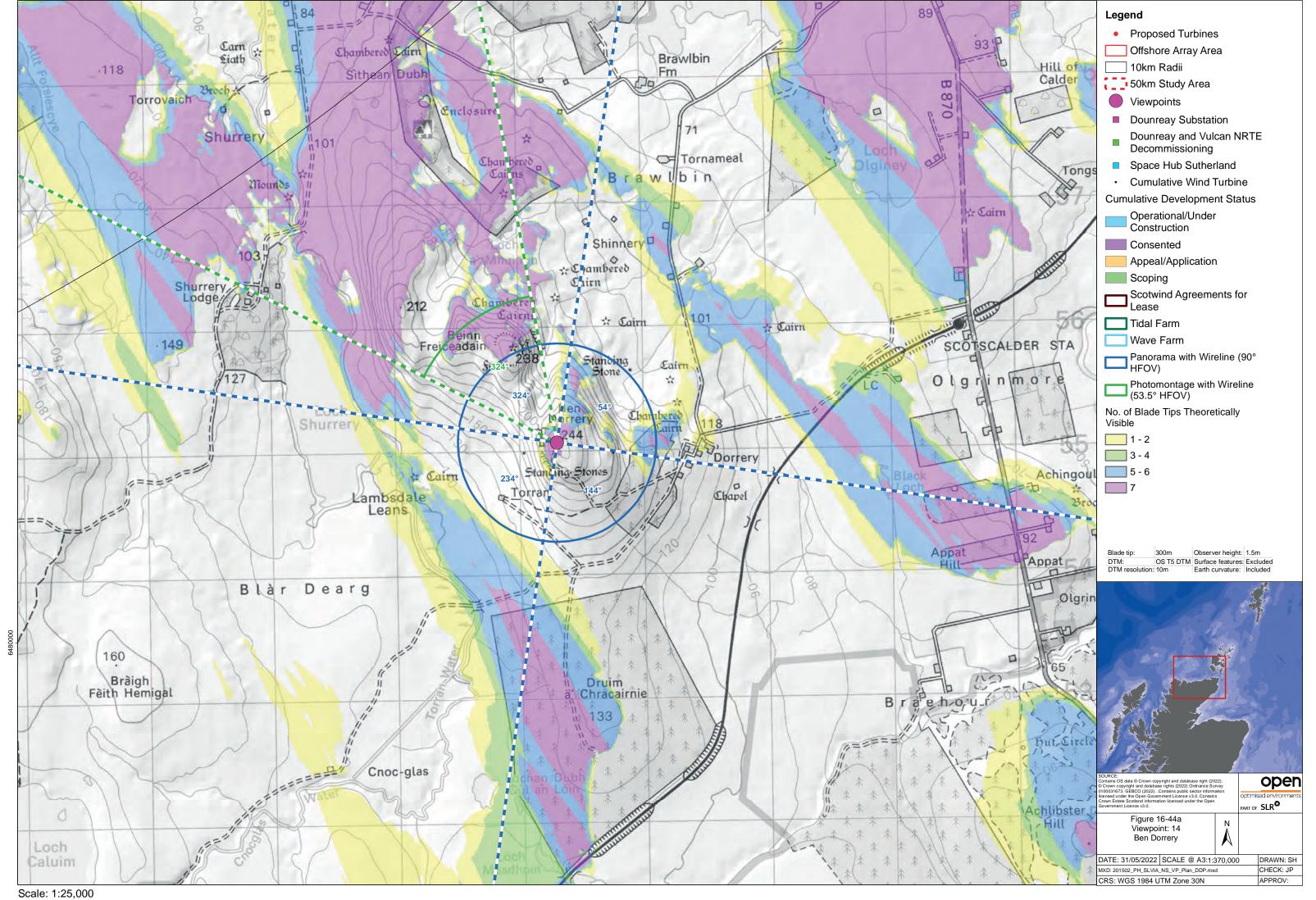


Figure 16.43f Viewpoint 13: A Mhoine Photomontage © Crown Copyright and database right (2022). Licence Number 0100031673.



Scale: 1:370,000





OS reference Elevation Direction of view 324° Nearest turbine 23,252 m

306302 E 955068 N 242.6 m AOD

Horizontal field of view Principal distance Paper size Correct printed image size 820 x 130 mm

90° (cylindrical projection) 522 mm 841 x 297 mm (half A1)

Camera Lens Camera height 1.5m AGL Date & time taken 09/11/2021 08:55

Canon EOS 5D Mark II Canon EF 50mm f/1.4



Figure 16.44b Viewpoint 14: Ben Dorrery Panorama with Cumulative Wireline (view 1 of 4) © Crown Copyright and database right (2022). Licence Number 0100031673.



OS reference Elevation 242.6 m AOD Direction of view 54° Nearest turbine 23,252 m

306302 E 955068 N Paper size

Horizontal field of view 90° (cylindrical projection) Principal distance 522 mm 841 x 297 mm (half A1) Correct printed image size 820 x 130 mm

Camera Lens Camera height 1.5m AGL

Canon EOS 5D Mark II Canon EF 50mm f/1.4 Date & time taken 09/11/2021 08:55

Figure 16.44c Viewpoint 14: Ben Dorrery Panorama with Cumulative Wireline (view 2 of 4) © Crown Copyright and database right (2022). Licence Number 0100031673.



Achairn F <u>arm (</u> 23.8km) Wathegar 2 (22.5km)	Camster II (21.7km) Camster (19.6km)	Burn of Whilk (26km) Bad a Cheo (11.4km)	Golticlay
W <u>athegar (21.5k</u> m) <u>Fle</u> x Hill (21km)	Halsary (11.6km) Achlachan 2 (9.4km) Achlachan (9km)	Causeymire (9.8km) Tormsdale (8.7km)	
			┝╋╺╋╋

OS reference Elevation 242.6 m AOD Direction of view 144° Nearest turbine 23,252 m

306302 E 955068 N

Horizontal field of view Principal distance Paper size Correct printed image size 820 x 130 mm

90° (cylindrical projection) 522 mm 841 x 297 mm (half A1)

Camera Lens Camera height 1.5m AGL Date & time taken 09/11/2021 08:55

Canon EOS 5D Mark II Canon EF 50mm f/1.4

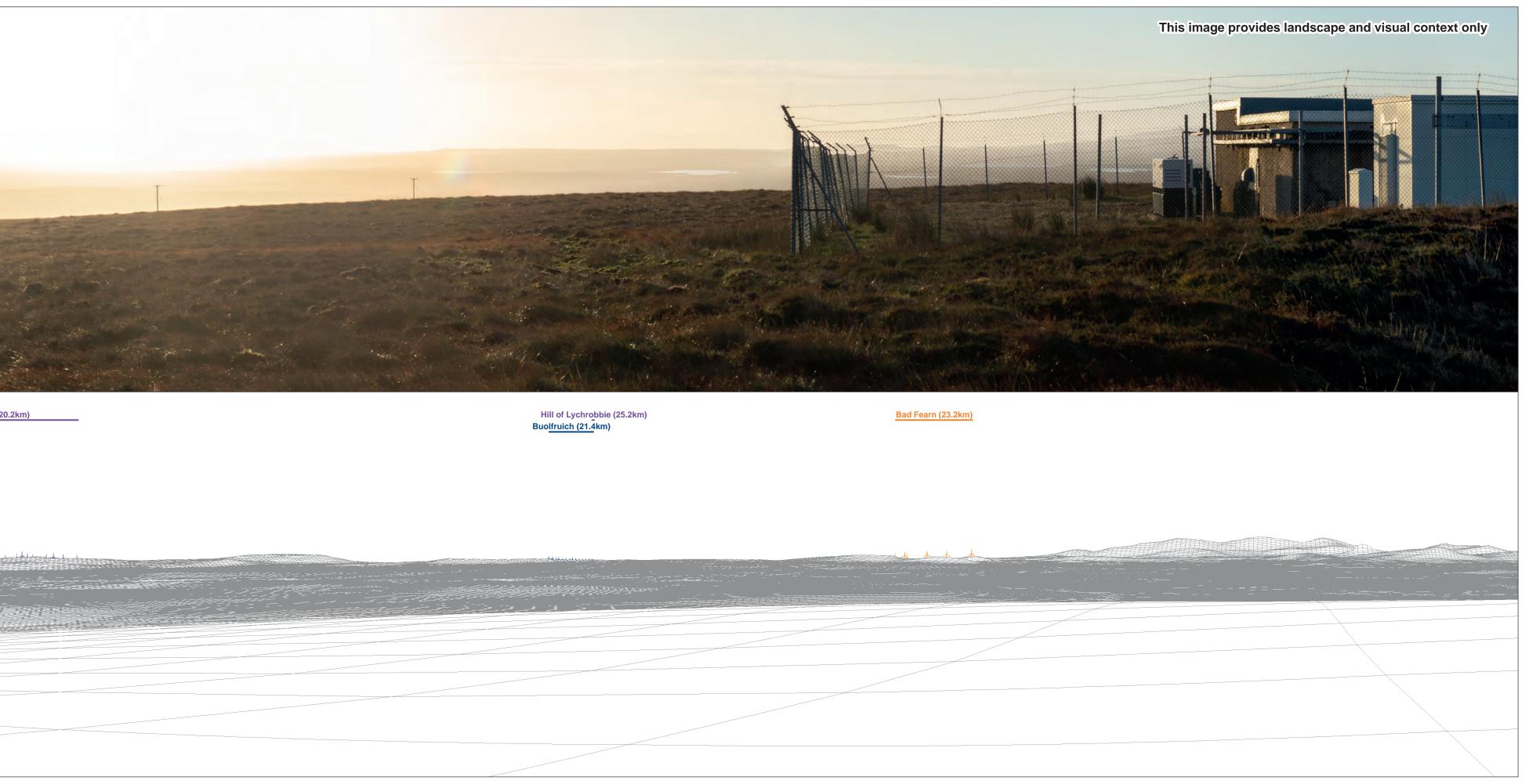


Figure 16.44d Viewpoint 14: Ben Dorrery Panorama with Cumulative Wireline (view 3 of 4)



OS reference Elevation Direction of view 234° Nearest turbine 23,252 m

242.6 m AOD

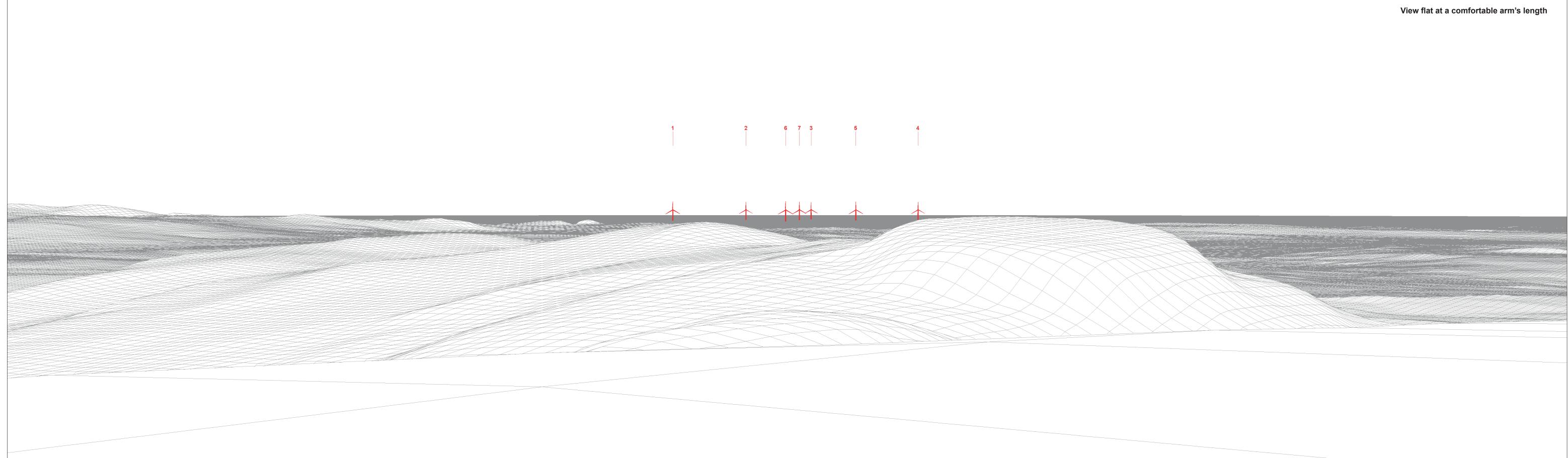
Horizontal field of view Principal distance Paper size Correct printed image size 820 x 130 mm

90° (cylindrical projection) 522 mm 841 x 297 mm (half A1)

Lens Camera height 1.5m AGL Date & time taken 09/11/2021 08:55

Canon EOS 5D Mark II Canon EF 50mm f/1.4

Figure 16.44e Viewpoint 14: Ben Dorrery Panorama with Cumulative Wireline (view 4 of 4) © Crown Copyright and database right (2022). Licence Number 0100031673.



Wireline View

OS reference **306302 E 955068 N** Elevation 242.6 m AOD Direction of view 324° Nearest turbine 23,252 m

Principal distance Paper size Correct printed image size 820 x 260 mm

Horizontal field of view 53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1)

Camera Lens Camera height 1.5m AGL Date & time taken 09/11/2021 08:55

Canon EOS 5D Mark II Canon EF 50mm f/1.4

Figure 16.44f Viewpoint 14: Ben Dorrery Wireline



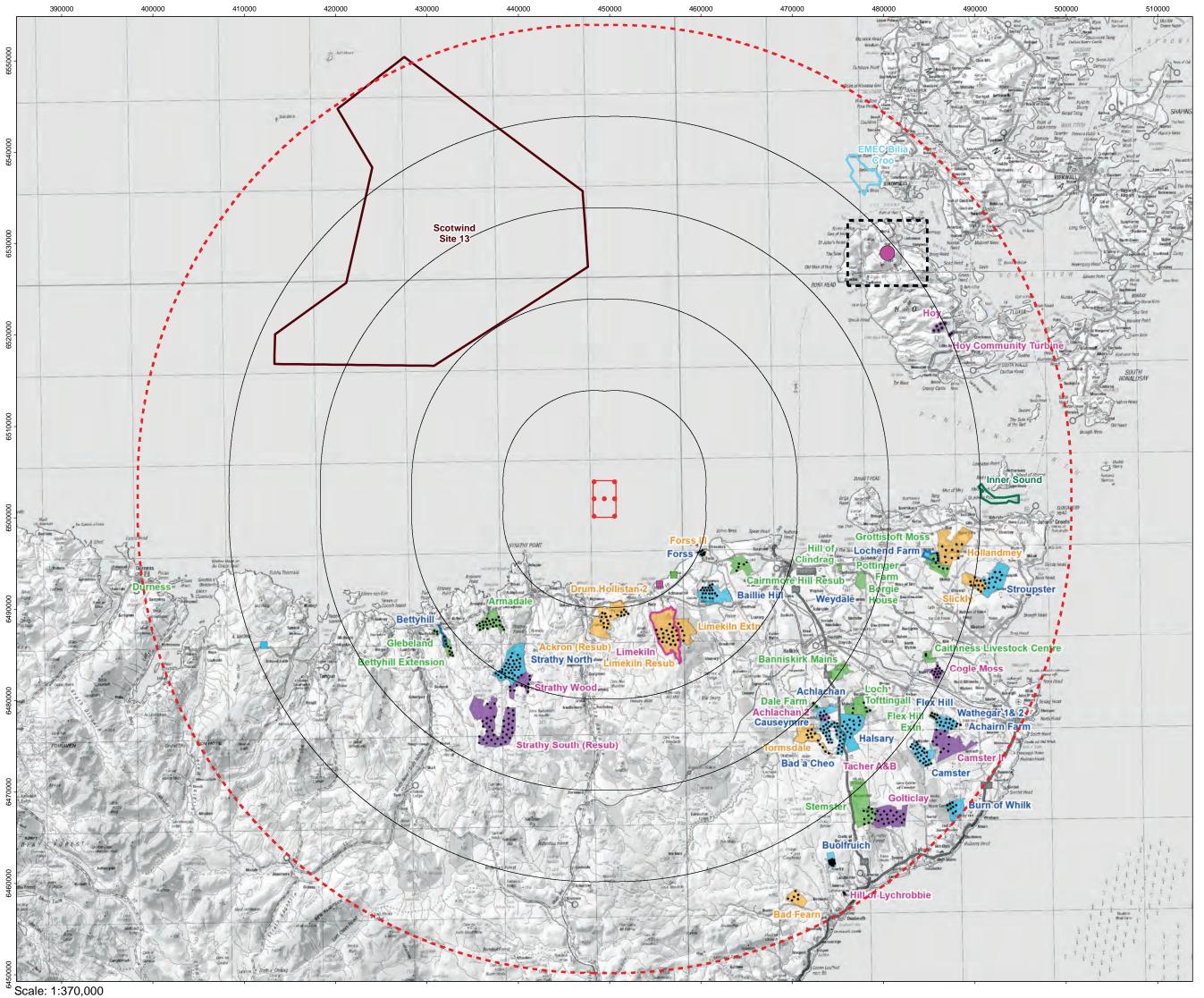
OS reference Elevation Direction of view 324° Nearest turbine 23,252 m

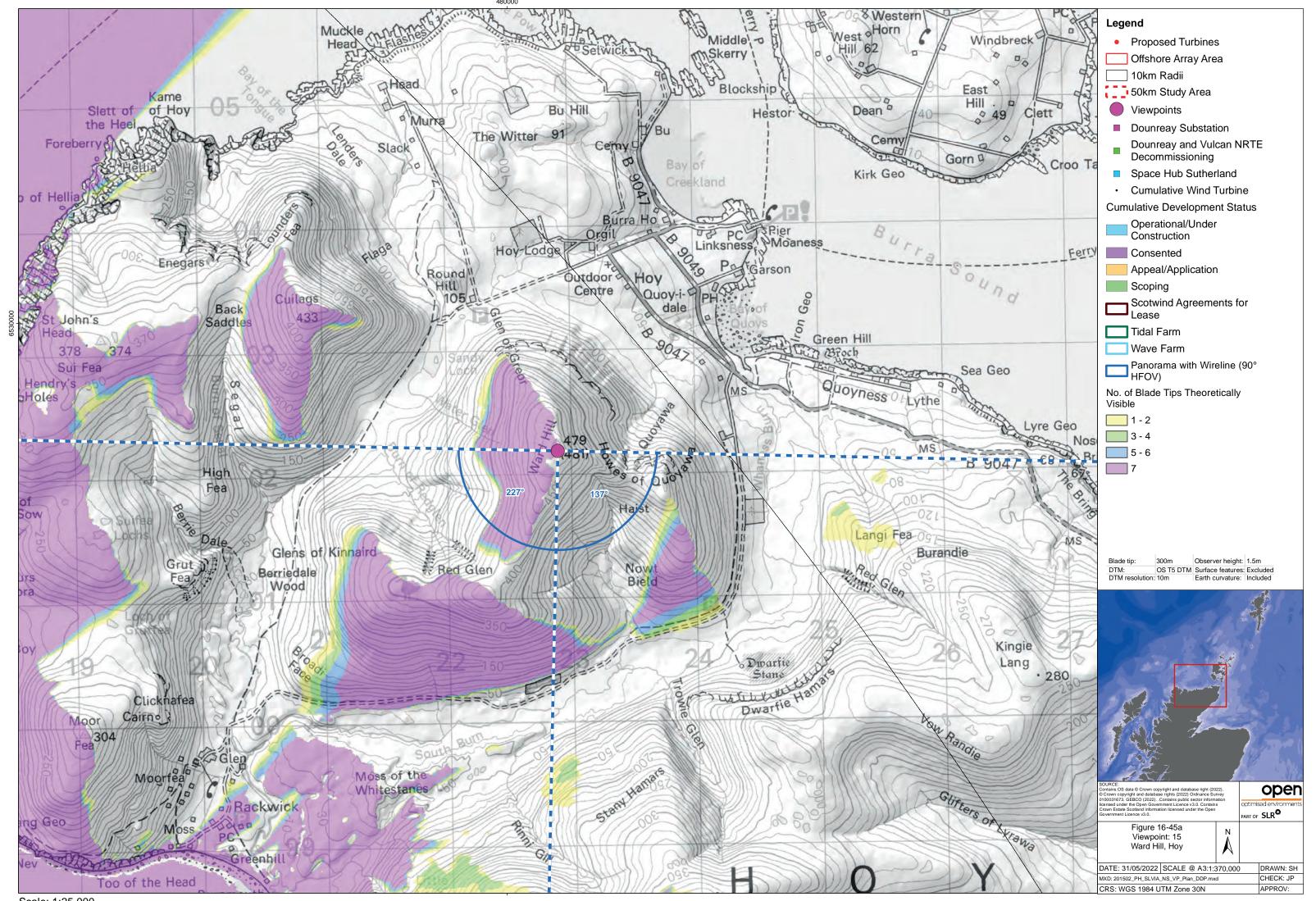
306302 E 955068 N 242.6 m AOD

Horizontal field of view53.5° (planar projection)Principal distance812.5 mmPaper size841 x 297 mm (half A1)Correct printed image size820 x 260 mm

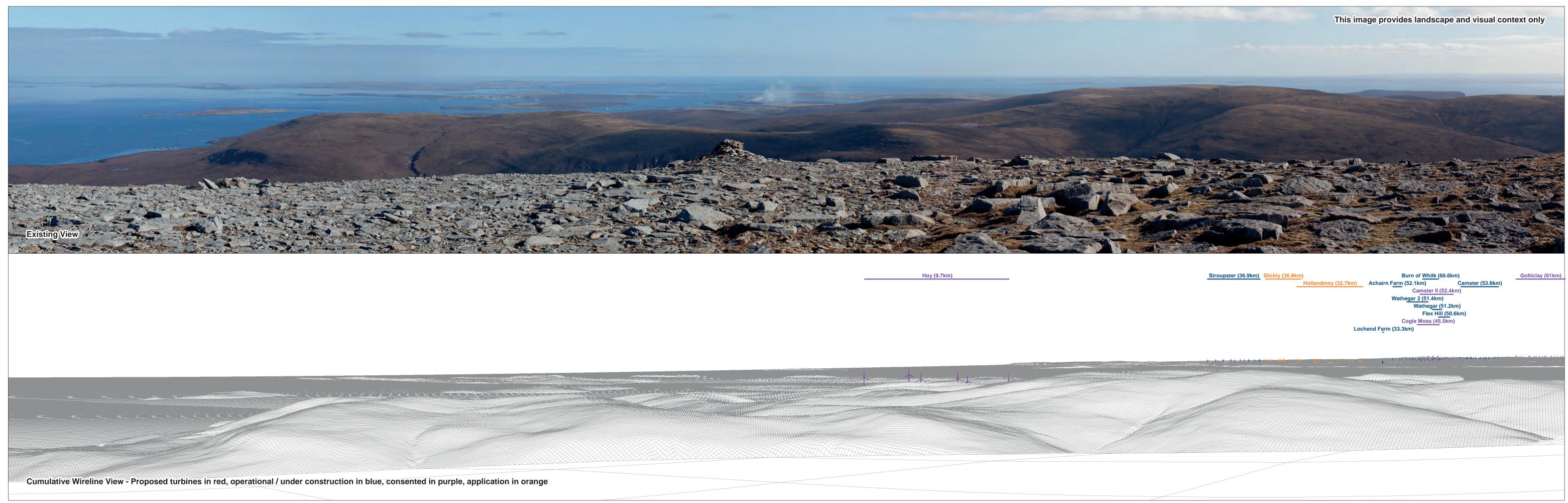
CameraCanon EOS 5D Mark IILensCanon EF 50mm f/1.4Camera height1.5m AGLDate & time taken09/11/2021 08:55

Figure 16.44g Viewpoint 14: Ben Dorrery Photomontage © Crown Copyright and database right (2022). Licence Number 0100031673.





Scale: 1:25,000



OS reference 322893 E 1002188 N Elevation 479.3 m AOD Direction of view 137° Nearest turbine 38,957 m

Horizontal field of view Principal distance Paper size

90° (cylindrical projection) 522 mm 841 x 297 mm (half A1) Correct printed image size 820 x 130 mm

Camera Lens Camera height 1.5m AGL Date & time taken 20/3/2020 15:35

Canon EOS 5D Mark II Canon EF 50mm f/1.4

Figure 16.45b Viewpoint 15: Ward Hill, Hoy Panorama with Cumulative Wireline (view 1 of 2)



Golticlay (61km) Buolfruich (66.6km) Bad a Cheo (52.6km) Tormsdale (52.8km) Causeymire (51.7km) Halsary (50.9km) Achlachan 2 (51.3km) Achlachan (50.6km)

Limekiln Resub (47.1km) Limekiln (47.1km) Limekiln Extension (46.6km)
 Baillie Hill (41km)
 Forss III (38.4km)
 Forss (38.3km)

Cumulative Wireline View - Proposed turbines in red, operational / under construction in blue, consented in purple, application in orange

OS reference Elevation Direction of view 227° Nearest turbine 38,957 m

322893 E 1002188 N 479.3 m AOD

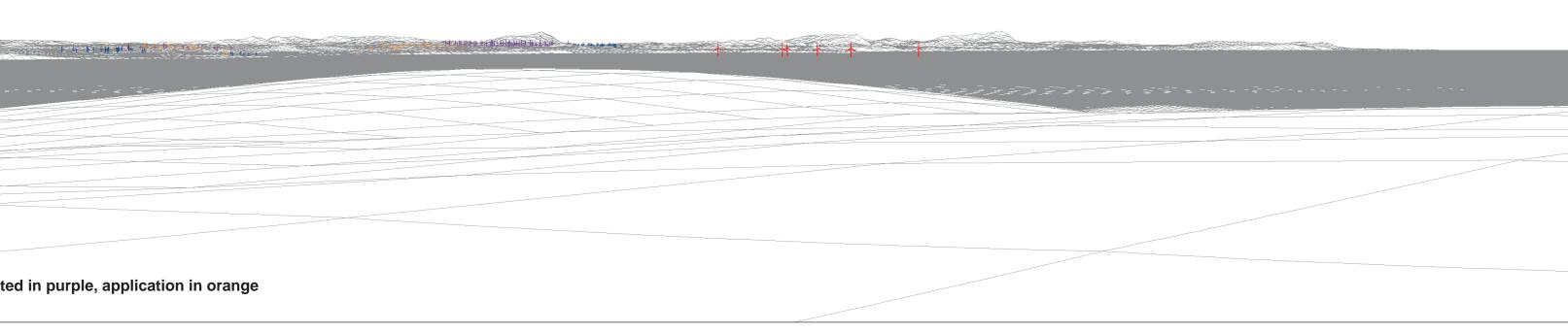
Horizontal field of view Principal distance Paper size Correct printed image size 820 x 130 mm

90° (cylindrical projection) 522 mm 841 x 297 mm (half A1)

Camera Lens Camera height 1.5m AGL Date & time taken 20/3/2020 15:35

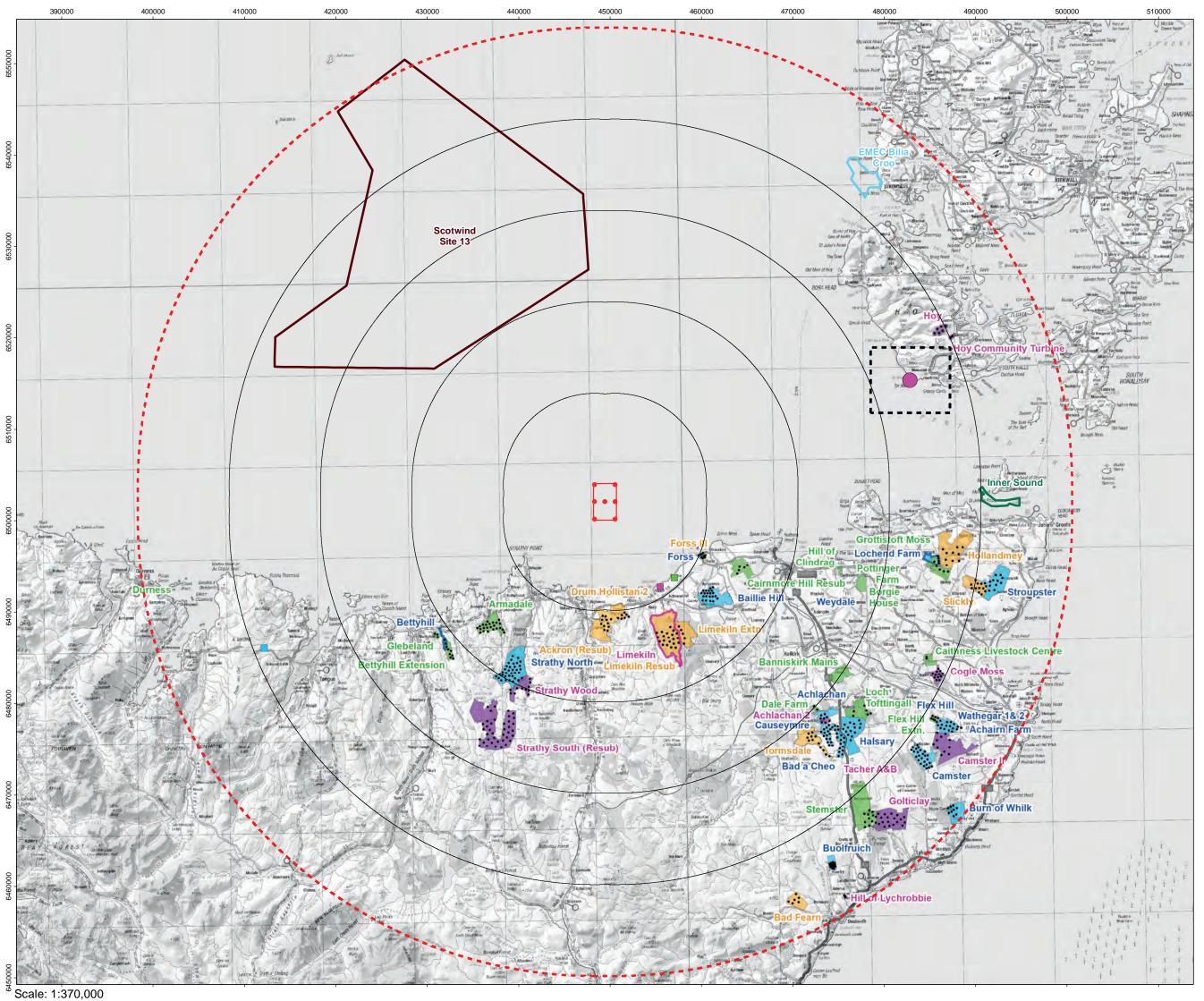
Canon EOS 5D Mark II Canon EF 50mm f/1.4

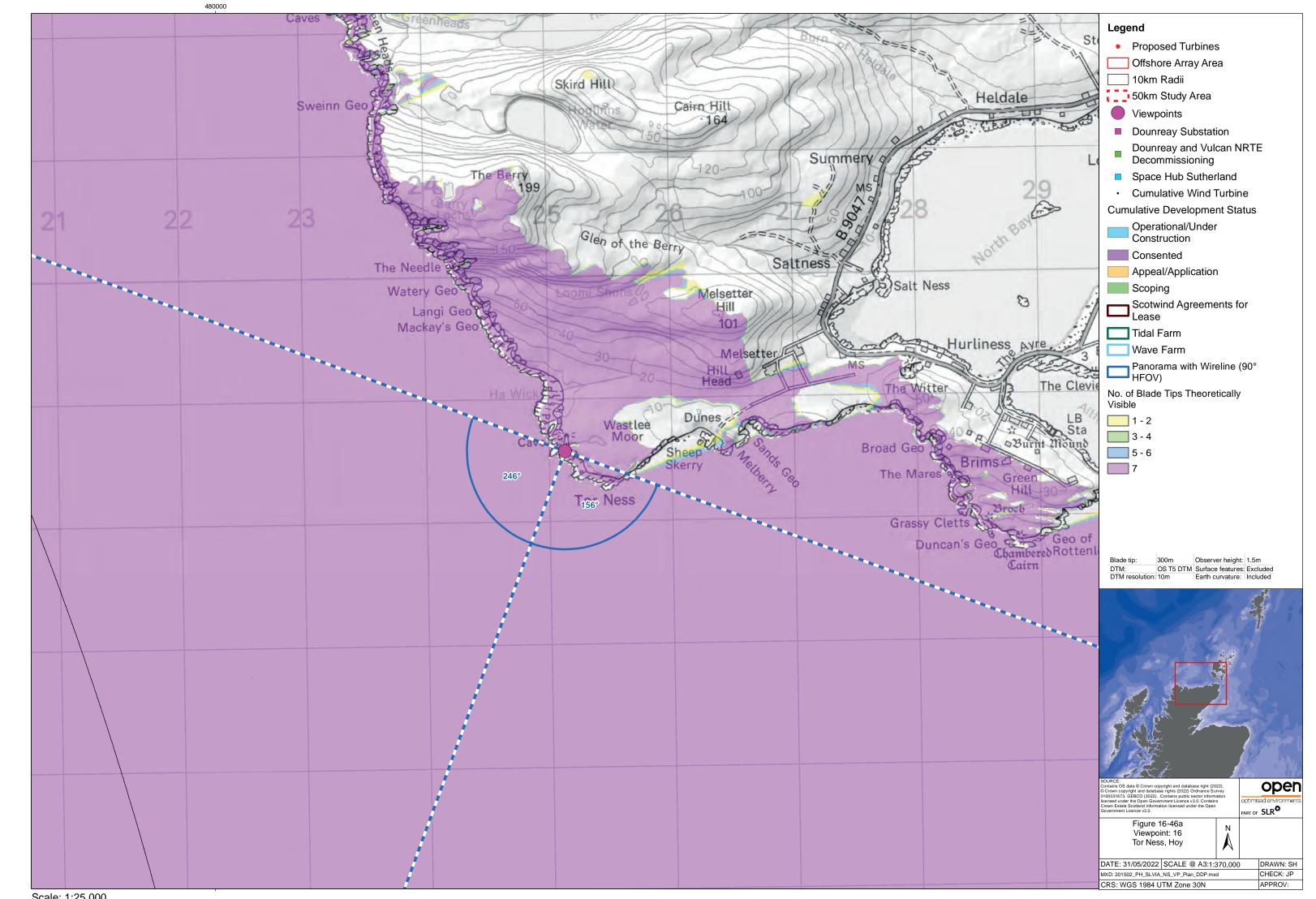
Strathy South (Resubmission) (64.7km) Strathy Wood (60.4km) Ackron (Resubmission) (50km) Strathy North (59.8km) Drum Hollistan 2 (48.5km)



Scotwind Site 13 (32.8km)

Figure 16.45c Viewpoint 15: Ward Hill, Hoy Panorama with Cumulative Wireline (view 2 of 2) © Crown Copyright and database right (2022). Licence Number 0100031673.





Scale: 1:25,000



OS reference Elevation 16.6 m AOD Direction of view 156° Nearest turbine 34,261 m

Principal distance Paper size

90° (cylindrical projection) 522 mm 841 x 297 mm (half A1) Correct printed image size 820 x 130 mm

Camera Lens Camera height 1.5m AGL Date & time taken 02/03/2022 11:50

Canon EOS 6D Mark II Canon EF 50mm f/1.4

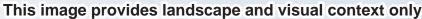
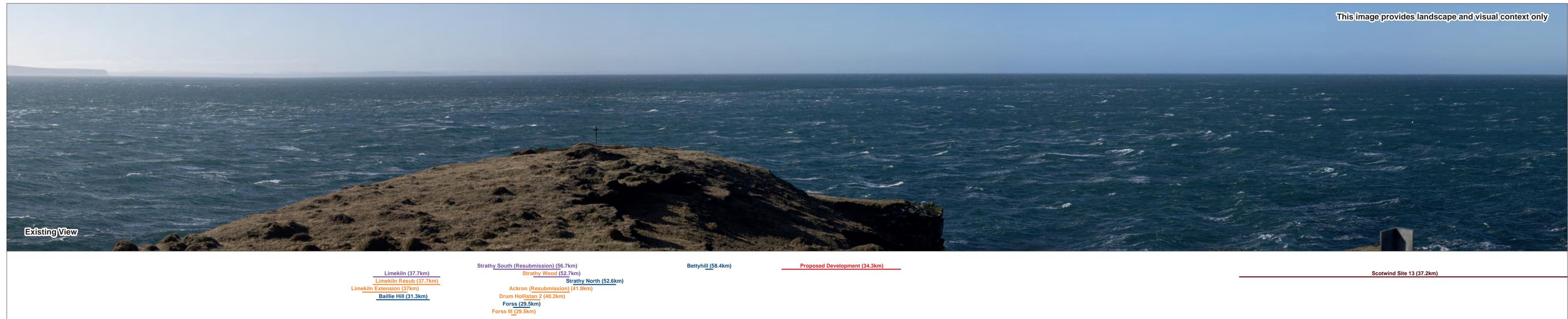


Figure 16.46b Viewpoint 16: Tor Ness, Hoy Panorama with Cumulative Wireline (view 1 of 2)



Cumulative Wireline View - Proposed turbines in red, operational / under construction in blue, consented in purple, application in orange

OS reference Elevation 16.6 m AOD Direction of view 246° Nearest turbine 34,261 m

325129 E 988574 N

Horizontal field of view Principal distance Paper size Correct printed image size 820 x 130 mm

90° (cylindrical projection) 522 mm 841 x 297 mm (half A1)

Camera Lens Camera height 1.5m AGL Date & time taken 02/03/2022 11:50

Canon EOS 6D Mark II Canon EF 50mm f/1.4

+ + +

Figure 16.46c Viewpoint 16: Tor Ness, Hoy Panorama with Cumulative Wireline (view 2 of 2)