East Anglia TWO 300m wind turbine layout (EA2) Offshore Windfarm

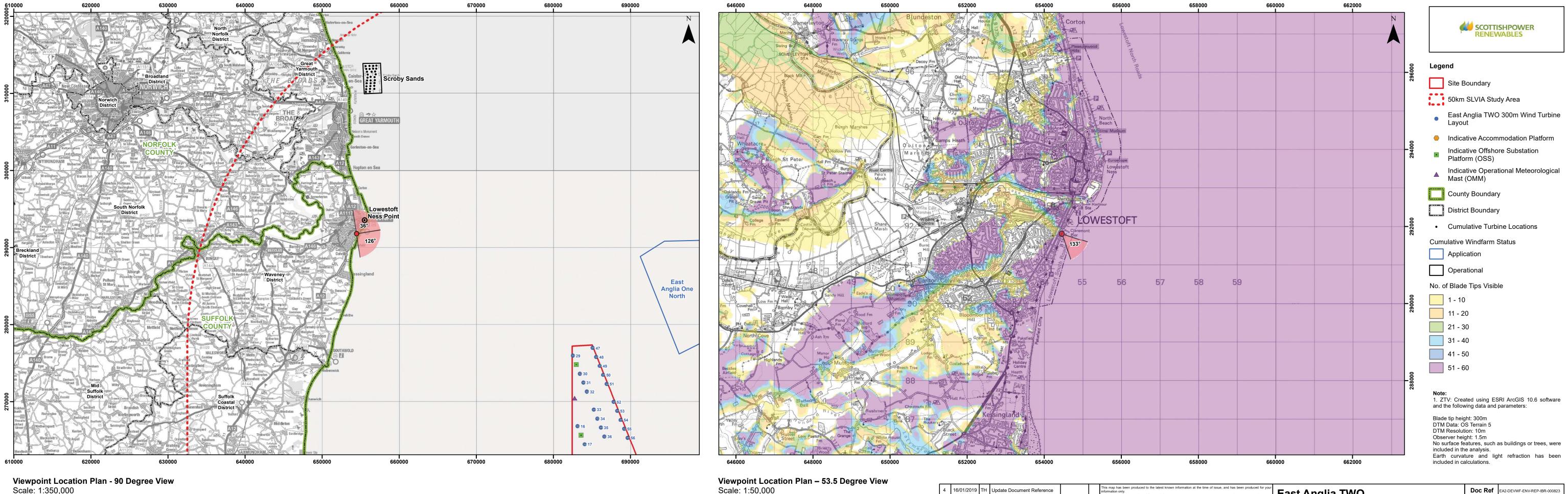




Coastal Visualisations



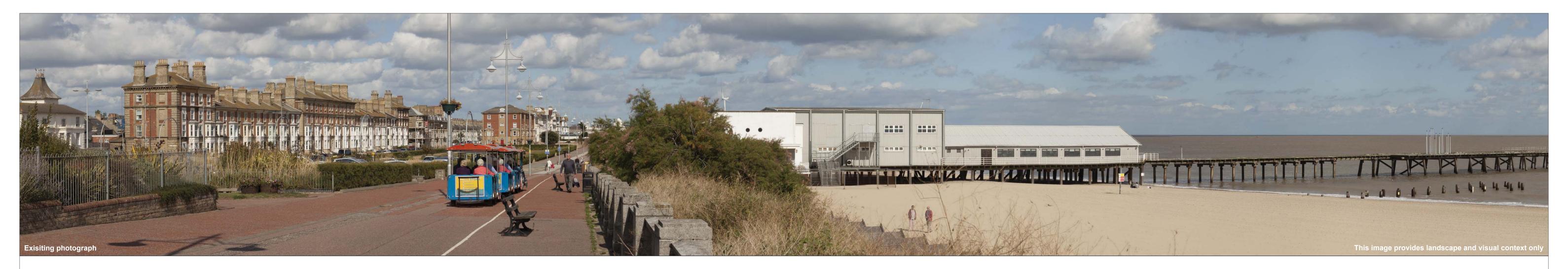




Scale: 1:50,000

4	16/	/01/2019	ΤН	Update Document Reference			This map has been produced to the latest known information at the time of issue, and has been produced for your information only. Please consult with the SPR Offshore GIS team to ensure the content is still current before using the information	East Anglia TWO	Doc Ref	EA2-DEVWF-EN	V-REP-IBR-000823
3	19/	/12/2018	тн	Update Layout	Prepared:	ΤН	rease consult with the Gr K offishole GR team of ensure the content is suit current bence using the monimator contained on this map. To the fullest extent permitted by law, we accept no responsibility or liability (whether in contract, tort (including neglicance) or otherwise in respect of any errors or omissions in the information contained in the map and shall not	U	Rev	4	Datum:
2	02/	/11/2018	LA	Minor Edits	Checked:	SM	hegigence to ourerwise in respect or any errors of oninstons in the information contained in the ring and shain the be liable for any loss, damage or expense caused by such errors or omissions. © Crown Copyright and SeaZone Solutions Limited. All rights reserved. Product Licence No. 082010.001. This oroduct has been derived in part from material obtained from the UK Hydrographic Office with the permission of the	Lowestoft	Date	16/01/19	WGS 1984 Projection:
Re	v	Date	Ву	Comment	Approved:	LT	Douce has been derived in part nom material obtained industry industry and paping under white the permission of the Controller of Her Majesty's Stationery Office and UK HydrographicOffice. NOT TO BE USED FOR NAVIGATION. Contains Ordnance Survey digital data © Crown copyright, All rights reserved 2018 Licence number 0100031673.		Figure	28.26a	Zone 31N

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VVIPO	Irawing

654451 E 291813 N 7.3 m AOD 36° 32.346 km

Horizontal field of view: Principal distance 90° (cylindrical projection) 522 mm Camera: Lens: Camera height: Date and time: Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 12/09/17, 12:33 Lowestoft Ness Point (2.04km)



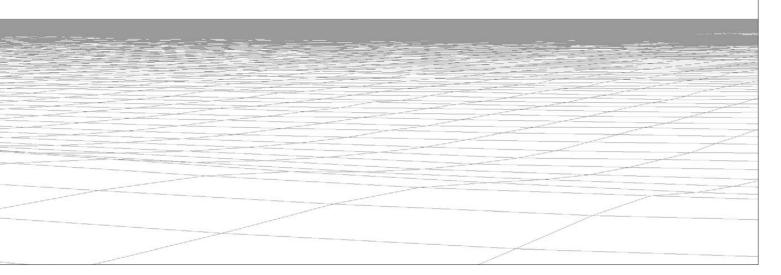


Figure: 28.26b Viewpoint 1: Lowestoft



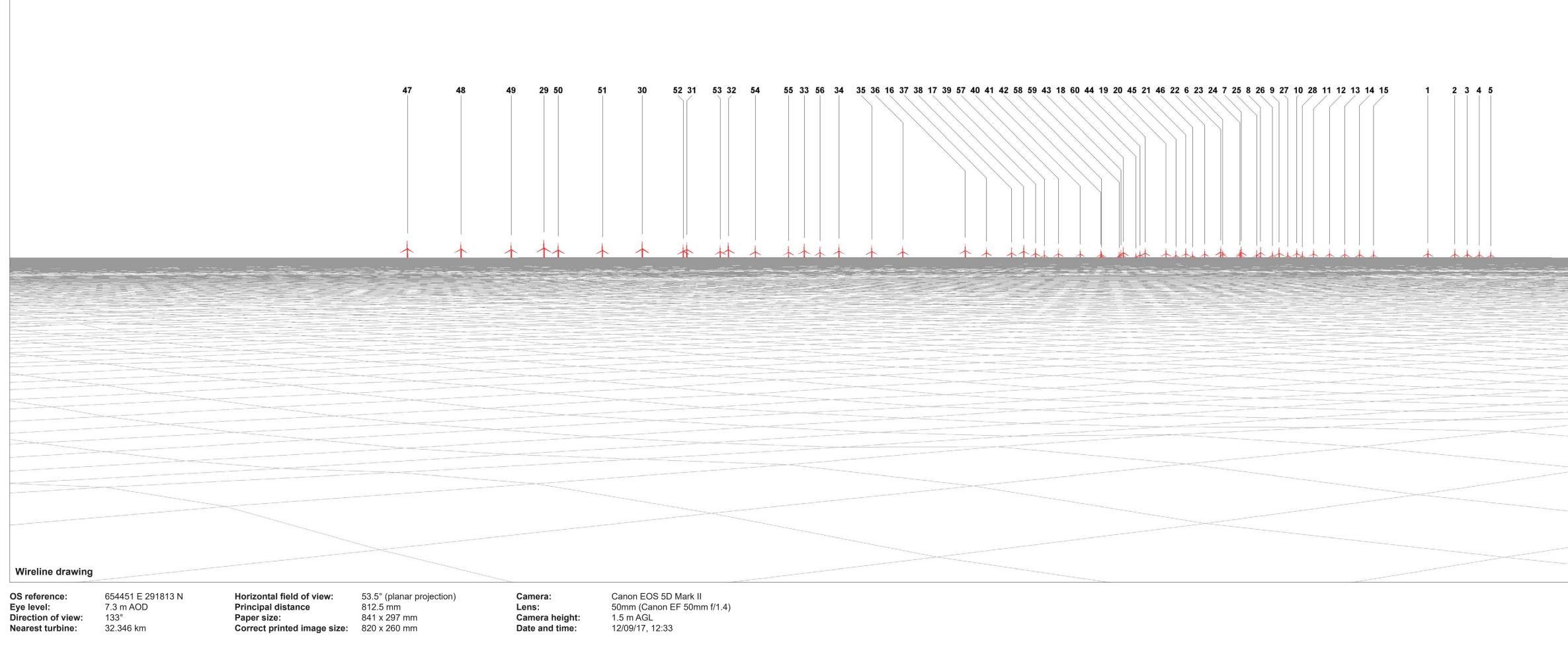
12/09/17, 12:33

Date and time:

Nearest turbine:

32.346 km

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View flat at a comfortable arm's length
Figure: 28.26d Viewpoint 1: Lowestoft



654451 E 291813 N 7.3 m AOD 133° 32.346 km

Horizontal field of view:53.5° (planar projection)Principal distance812.5 mmPaper size:841 x 297 mmCorrect printed image size:820 x 260 mm

Camera: Lens: Camera height: Date and time: Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 12/09/17, 12:33

Figure: 28.26e Viewpoint 1: Lowestoft



654451 E 291813 N 7.3 m AOD 133° 32.346 km

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

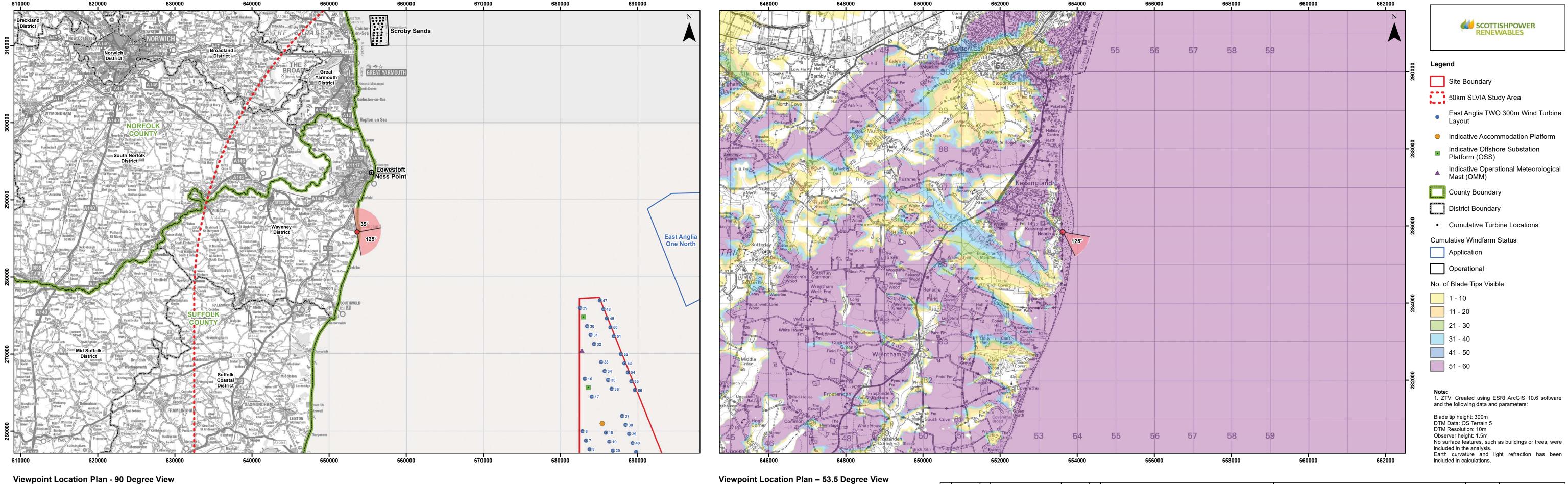
53.5° (planar projection) 812.5 mm 841 x 297 mm

Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 16/09/17, 18:47

NOTE: In order to undertake a compliant worst case environmental impact assessment, the night time visualisations show the maximum required lighting intensity (2000cd) in excellent visibility conditions. This is considered an unrealistic worst case as turbine lighting regulations permit aviation warning lights to be dimmed to 10% of full intensity (i.e. 200cd) when visibility from every wind turbine is more than 5km, thereby reducing the lighting intensity visible from shore. It is intended that this dimming functionality would be installed (as is the case on the East Anglia ONE project). Where visibility conditions do not permit aviation warning lights the actual visibility of aviation warning lights time will be aviation warning lights to be dimmed, then it is unlikely that the actual visibility of aviation warning lighting at night time will be as shown on the visualisations due to poorer visibility conditions.

Figure: 28.26f Viewpoint 1: Lowestoft



Viewpoint Location Plan - 90 Degree View Scale: 1:350,000

Viewpoint Location Plan – 53.5 Degree View Scale: 1:50,000

	4 16	6/01/2019	ΤН	Update Document Reference			This map has been produced to the latest known information at the time of issue, and has been produced for your information only. Please consult with the SPR Offshore GIS team to ensure the content is still current before using the information	East Anglia TWO	Doc Ref	EA2-DEVWF-EN	V-REP-IBR-000823
	3 19	9/12/2018	тн	Update Layout	Prepared:	ΤН	contained on this map. To the fullest extent permitted by law, we accept no responsibility or liability (whether in contract, tort (including	Viewpoint: 2	Rev	4	Datum:
	2 02	2/11/2018	LA	Minor Edits	Checked:	SM	negligence) or otherwise in respect of any errors or omissions in the information contained in the map and shall not be liable for any loss, damage or expense caused by such errors or omissions. © Crown Copyright and SeaZone Solutions Limited. All rights reserved. Product Licence No. 082010.001. This oroduct has been derived in part from material obtained from theUK Hydrographic Office with the permission of the	Kessingland Beach	Date	16/01/19	j
R	ev	Date	Ву	Comment	Approved:		Diculations been derived in part inom material obtained norm theory hydrographic Office Web Fork Net Part Stationery Office and UK HydrographicOffice. NOT TO BE DOR NAVIGATION. Contrains Ordnance Survey digital data © Crown copyright, All rights reserved 2018 Licence number 0100031673.		Figure	28.27a	Zone 31N

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12/09/17, 12:04

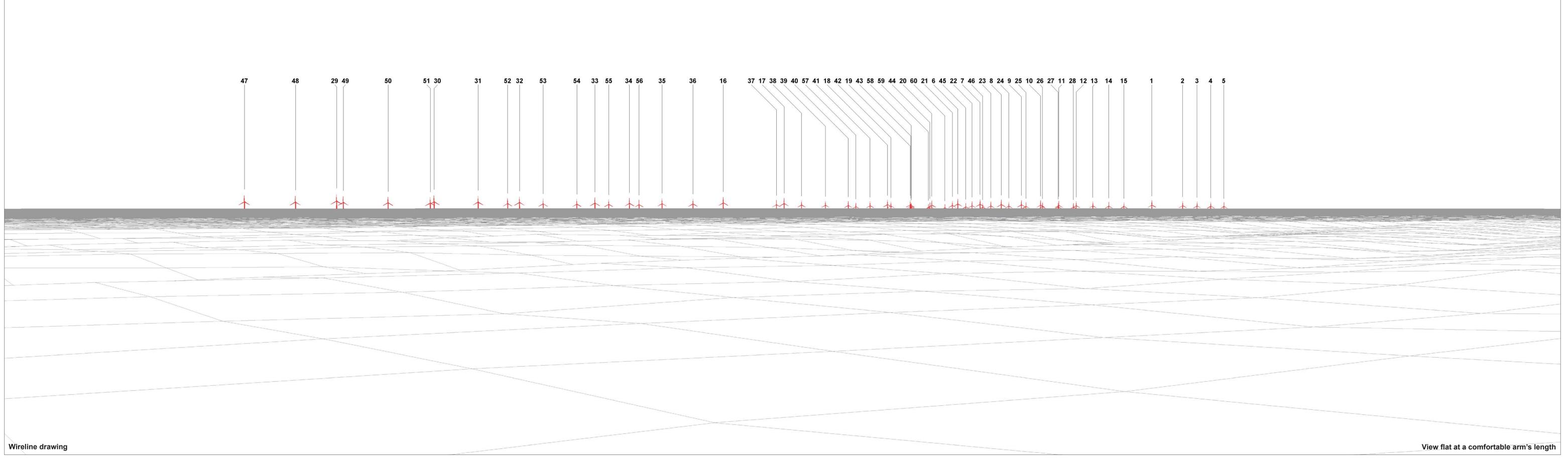
Date and time:

Nearest turbine:

30.656 km

		and the second sec

Figure: 28.27c Viewpoint 2: Kessingland Beach



653618 E 285844 N 6.35 m AOD 125° 30.656 km

Horizontal field of view: Principal distance Paper size:841 x 297 mmCorrect printed image size:820 x 260 mm

53.5° (planar projection) 812.5 mm

Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 12/09/17, 12:04

Figure: 28.27d Viewpoint 2: Kessingland Beach



653618 E 285844 N 6.35 m AOD 125° 30.656 km

Horizontal field of view: Principal distance Paper size:841 x 297 mmCorrect printed image size:820 x 260 mm

53.5° (planar projection) 812.5 mm

Camera: Lens: Camera height: Date and time: Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 12/09/17, 12:04

Figure: 28.27e Viewpoint 2: Kessingland Beach



653618 E 285844 N 6.35 m AOD 125° 30.656 km

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

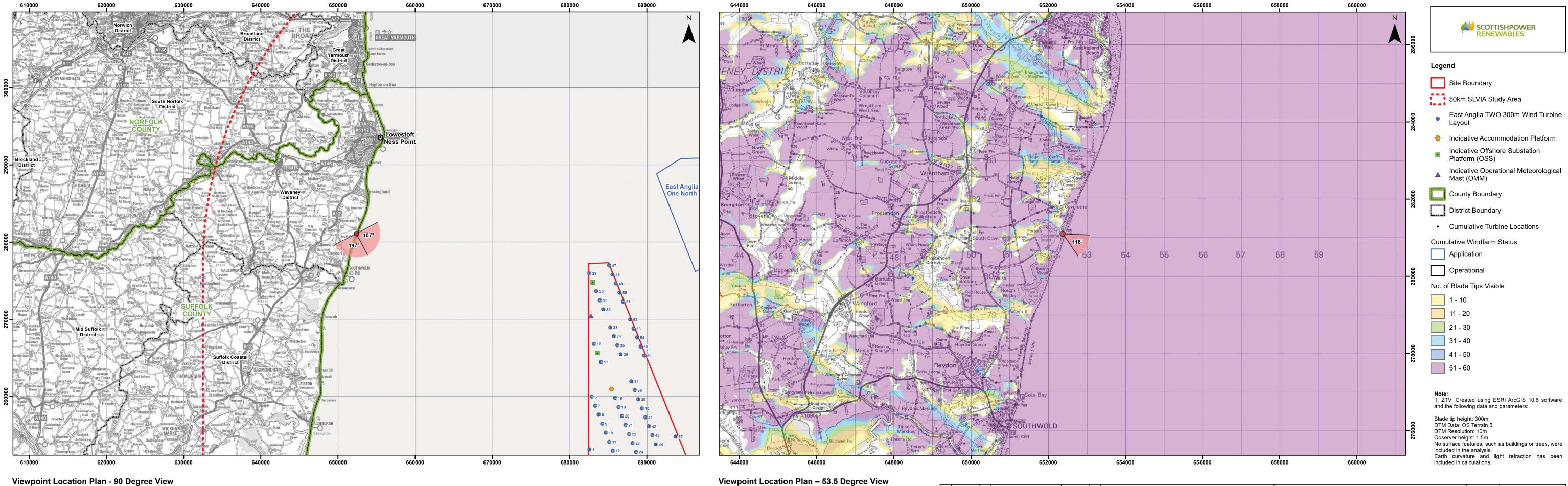
53.5° (planar projection) 812.5 mm 841 x 297 mm

Camera: Lens: Camera height: Date and time: Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 18/09/17, 18:51



NOTE: In order to undertake a compliant worst case environmental impact assessment, the night time visualisations show the maximum required lighting intensity (2000cd) in excellent visibility conditions. This is considered an unrealistic worst case as turbine lighting regulations permit aviation warning lights to be dimmed to 10% of full intensity (i.e. 200cd) when visibility from every wind turbine is more than 5km, thereby reducing the lighting intensity visible from shore. It is intended that this dimming functionality would be installed (as is the case on the East Anglia ONE project). Where visibility conditions do not permit aviation warning lights to be dimmed, then it is unlikely that the actual visibility of aviation warning lighting at night time will be as shown on the visualizations due to prover visibility conditions. as shown on the visualisations due to poorer visibility conditions.

Figure: 28.27f Viewpoint 2: Kessingland Beach

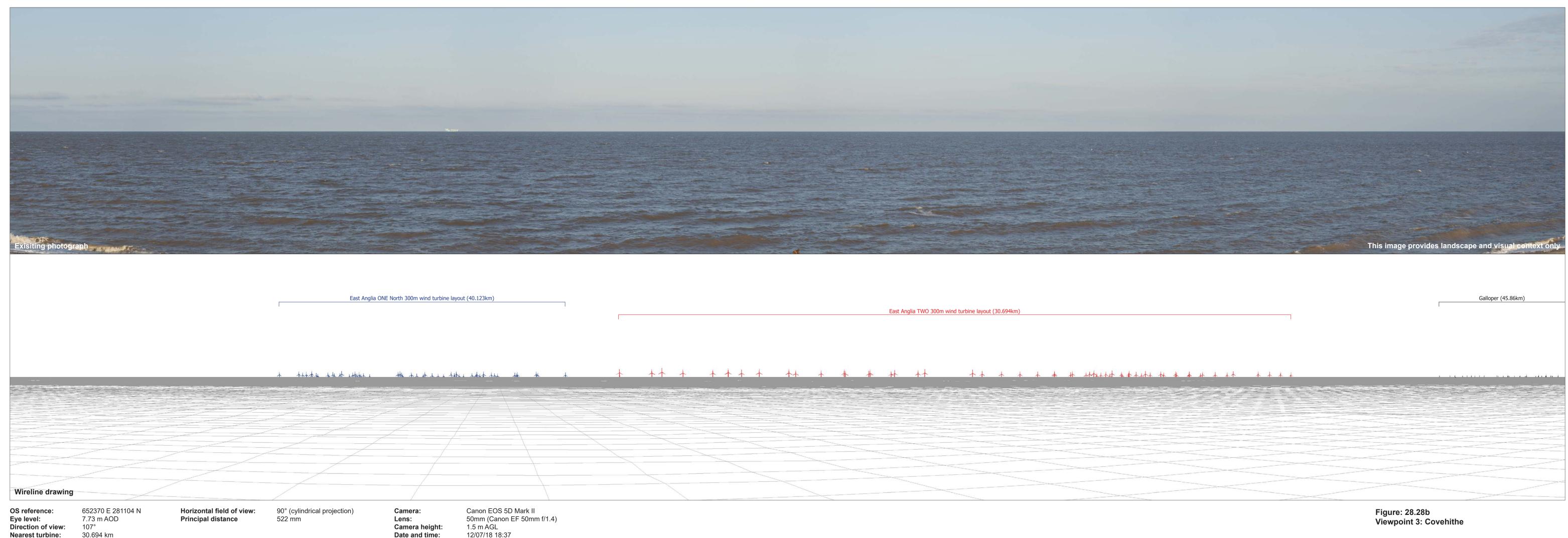


Viewpoint Location Plan - 90 Degree View Scale: 1:350,000

Viewpoint Location Plan – 53.5 Degree View Scale: 1:50,000

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2	02/	/11/2018	LA	Minor Edits	Checked:	SM	be liable for any loss, damage or expense caused by such errors or omissions. © Crown Copyright and SeaZone Solutions Limited. All rights reserved. Product Licence No. 082010.001. This		Date	16/01/19	
Re	v	Date	Ву	Comment	Approved:	LT	product has been derived in part from material obtained from theUK Hydrographic Office with the permission of the Controller of Her Majesty's Stationery Office and UK HydrographicOffice. NOT TO BE USED FOR NAVIGATION. Contains Ordnance Survey digital data © Crown copyright, All rights reserved 2018 Licence number 0100031673.		Figure	28.28a	Zone 31N

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1.5 m AGL 12/07/18 18:37

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Direction of view:

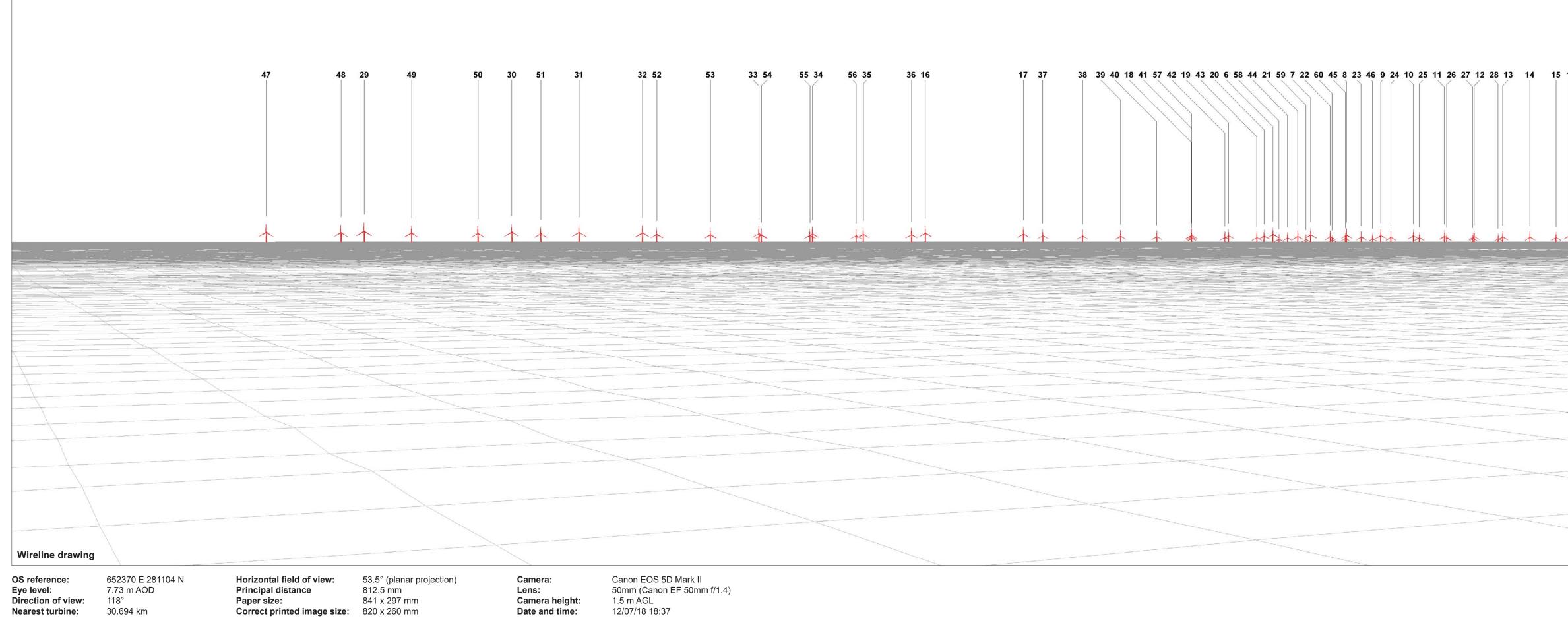
Nearest turbine:

197° 30.694 km





Figure: 28.28c Viewpoint 3: Covehithe



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View flat at a comfortable arm's length
View flat at a comfortable arm's length Eigure: 28.28d

Figure: 28.28d Viewpoint 3: Covehithe



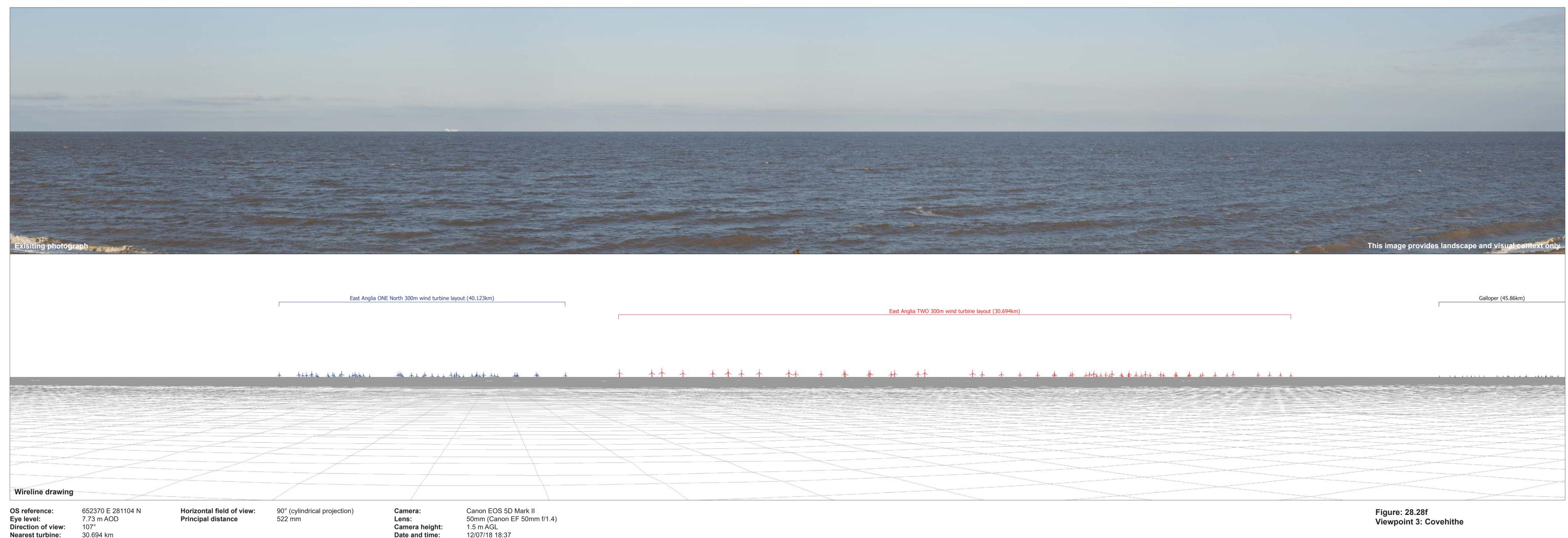
652370 E 281104 N 7.73 m AOD 118° 30.694 km

Horizontal field of view:53.5° (planar projection)Principal distance812.5 mmPaper size:841 x 297 mmCorrect printed image size:820 x 260 mm

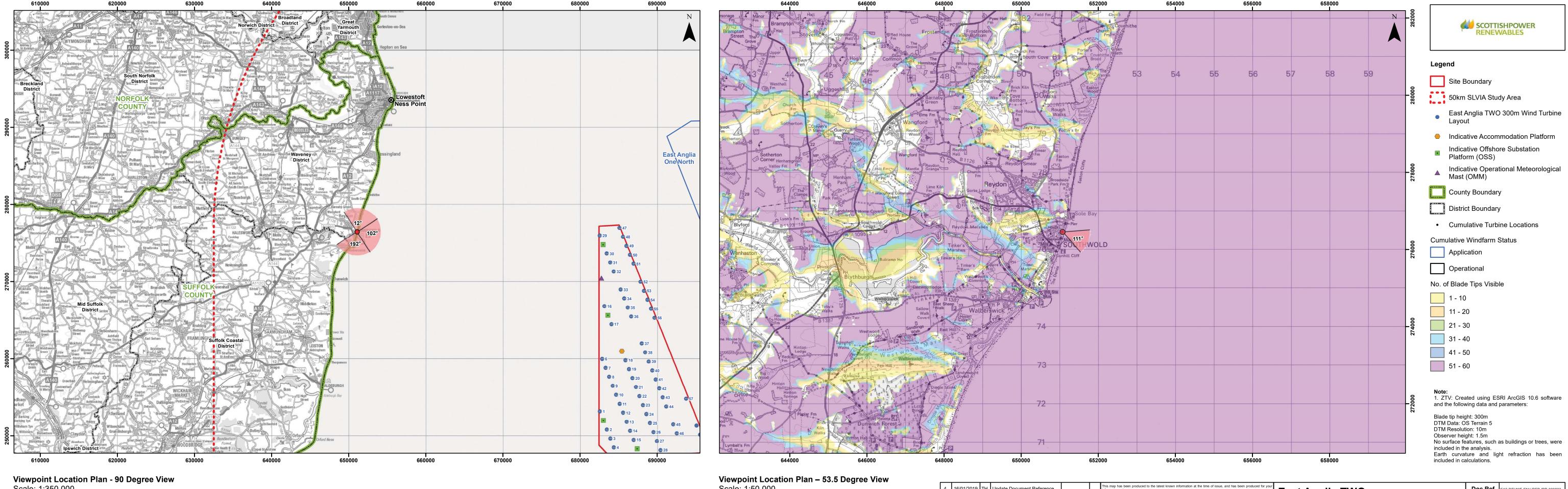
Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 12/07/18 18:37

Figure: 28.28e Viewpoint 3: Covehithe







Scale: 1:350,000

Viewpoint Location Plan – 53.5 Degree View Scale: 1:50,000

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2	02/11/2018	LA	Minor Edits	Checked:	SM	negligence) or otherwise in respect of any errors or omissions be liable for any loss, damage or expense caused by such errors © Crown Copyright and SeaZone Solutions Limited. All right		
3	19/12/2018	ΤН	Update Layout	Prepared: TH contained of To the fulle		contained on this map. To the fullest extent permitted by law, we accept no respo		
4	16/01/2019	ΤН	Update Document Reference			This map has been produced to the latest known information a information only. Please consult with the SPR Offshore GIS team to ensure the		

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Doc Ref EA2-DEVWF-ENV-REP-IBR-000823 East Anglia TWO e the content is still current before using the information consibility or liability (whether in contract, tort (including ons in the information contained in the map and shall not rrors or omissions. rights reserved. Product Licence No. 082010.001. This om theUK Hydrographic Office with the permission of the raphicoffice. NOT TO BE USED FOR NAVIGATION. All rights reserved 2018 Licence number 0100031673. Rev 4 Datum: WGS 1984 Date 16/01/19 Projection: Zone 31N Figure 28.29a



651072 E 276454 N 11.07 m AOD 12° 31.555 km

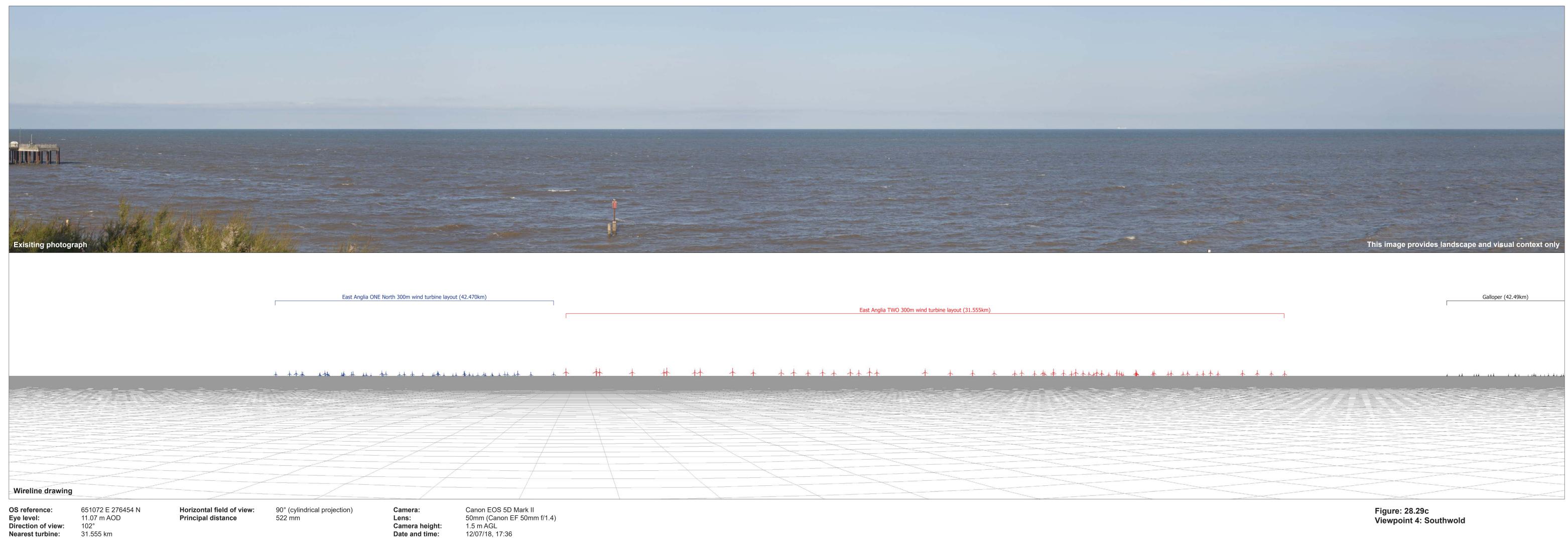
Horizontal field of view: Principal distance

90° (cylindrical projection) 522 mm

Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 12/09/17, 11:04

Figure: 28.29b Viewpoint 4: Southwold

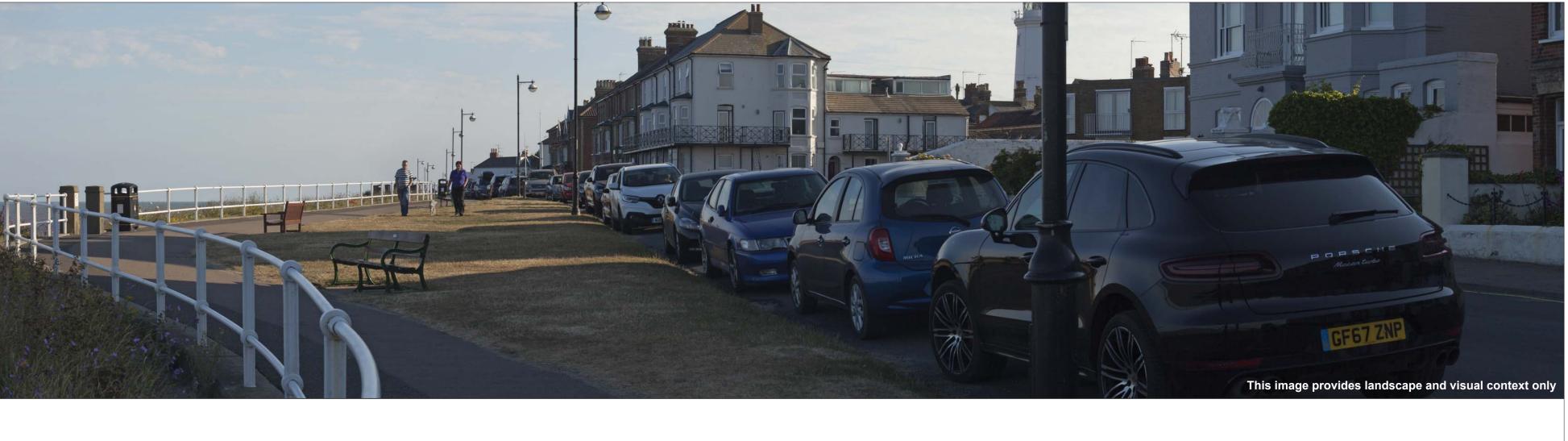


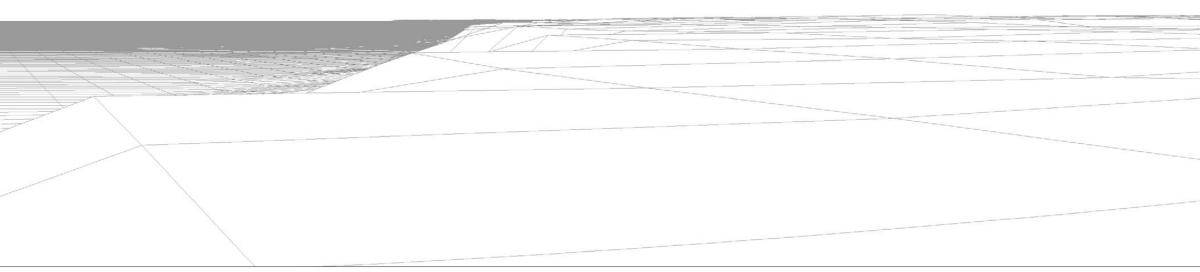
Nearest turbine:

31.555 km

Date and time:

Wireline drawing			90° (cylindrical projection)		Canon EOS 5D Mark II
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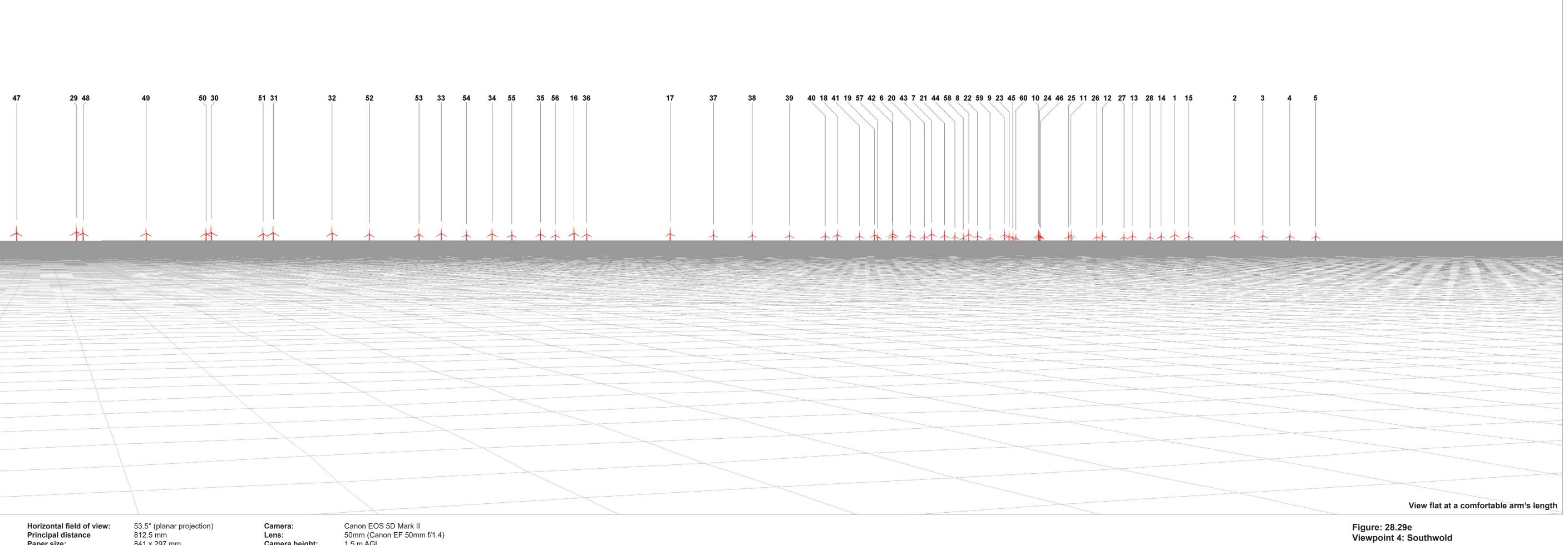


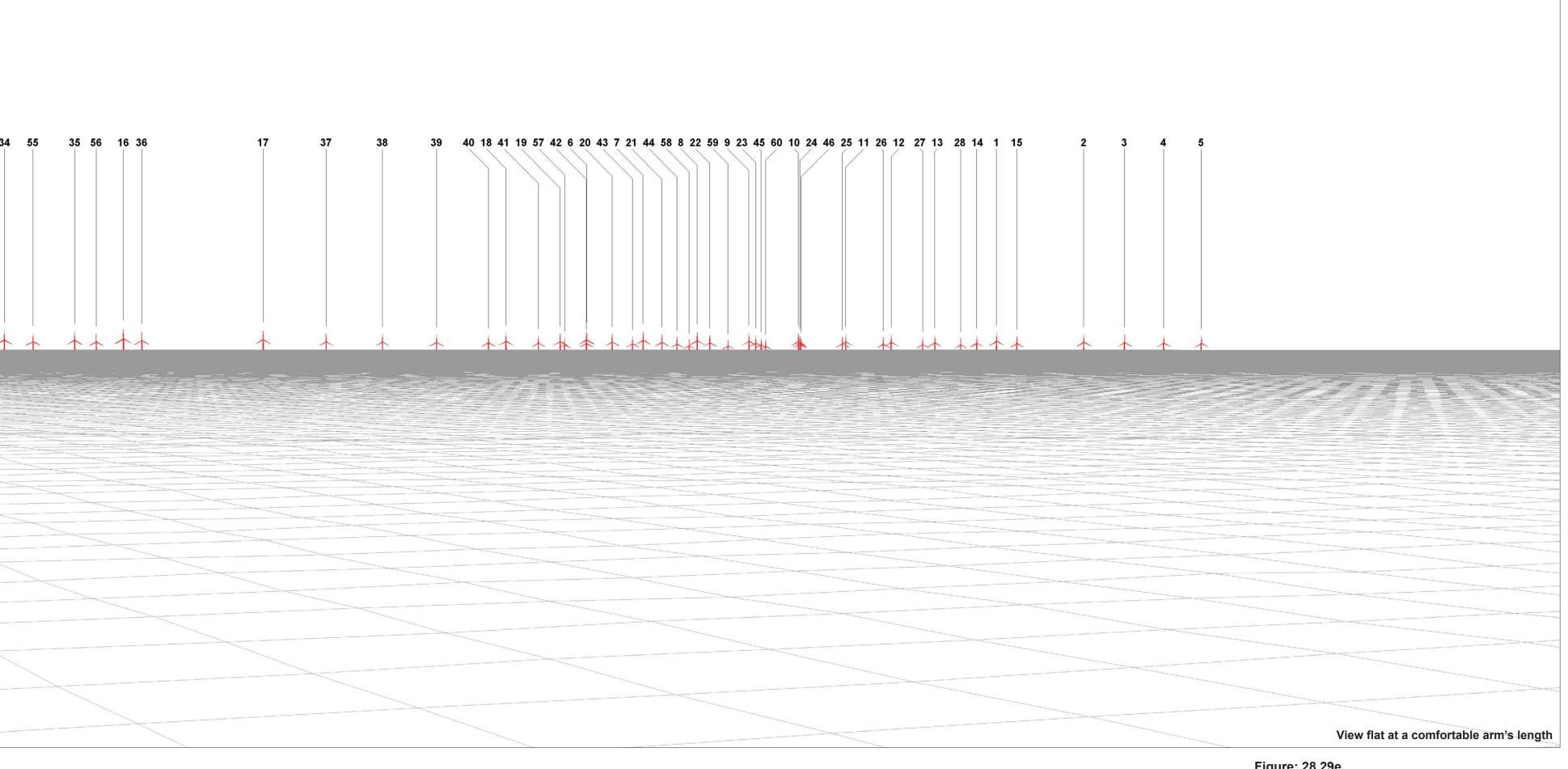


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Figure: 28.29d Viewpoint 4: Southwold

OS reference: Eye level: Direction of view: Nearest turbine:	651072 E 276454 N 11.07 m AOD 111° 31.555 km	Horizontal field of view: Principal distance Paper size: Correct printed image size:	53.5° (planar projection) 812.5 mm 841 x 297 mm 820 x 260 mm	Camera: Lens: Camera height: Date and time:	Canon EOS 5D Mark 50mm (Canon EF 50 1.5 m AGL 12/07/18, 17:36	
Wireline drawing						
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651072 E 276454 N 11.07 m AOD 111° 31.555 km

Horizontal field of view:53.5° (planar projection)Principal distance812.5 mmPaper size:841 x 297 mmCorrect printed image size:820 x 260 mm

Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 12/07/18, 17:36

Figure: 28.29f Viewpoint 4: Southwold

Photomontage

OS reference: Eye level: Direction of view: Nearest turbine:

651072 E 276454 N 11.07 m AOD 111° 31.555 km

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

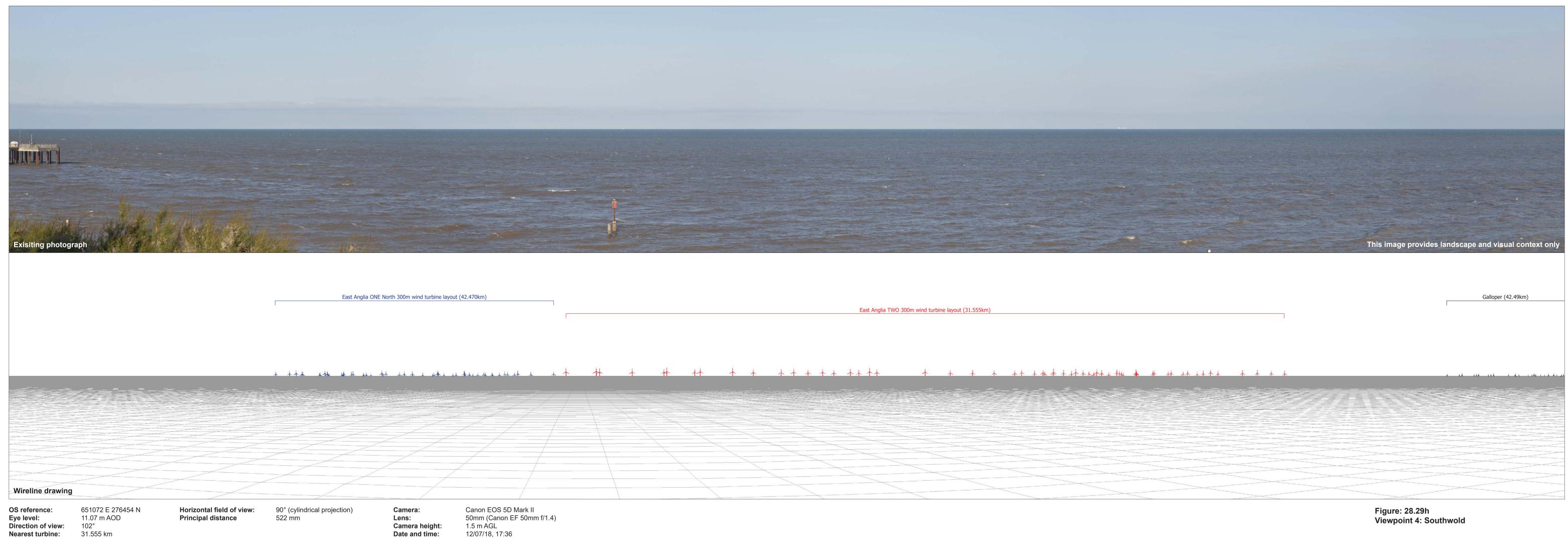
53.5° (planar projection) 812.5 mm 841 x 297 mm

Camera: Lens: Camera height: Date and time: Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 17/09/17, 18:42

NOTE: In order to undertake a compliant worst case environmental impact assessment, the night time visualisations show the maximum required lighting intensity (2000cd) in excellent visibility conditions. This is considered an unrealistic worst case as turbine lighting regulations permit aviation warning lights to be dimmed to 10% of full intensity (i.e. 200cd) when visibility from every wind turbine is more than 5km, thereby reducing the lighting intensity visible from shore. It is intended that this dimming functionality would be installed (as is the case on the East Anglia ONE project). Where visibility conditions do not permit aviation warning lights to be dimmed, then it is unlikely that the actual visibility of aviation warning lighting at night time will be as shown on the visualizations due to poorer visibility conditions. as shown on the visualisations due to poorer visibility conditions.

View flat at a comfortable arm's length

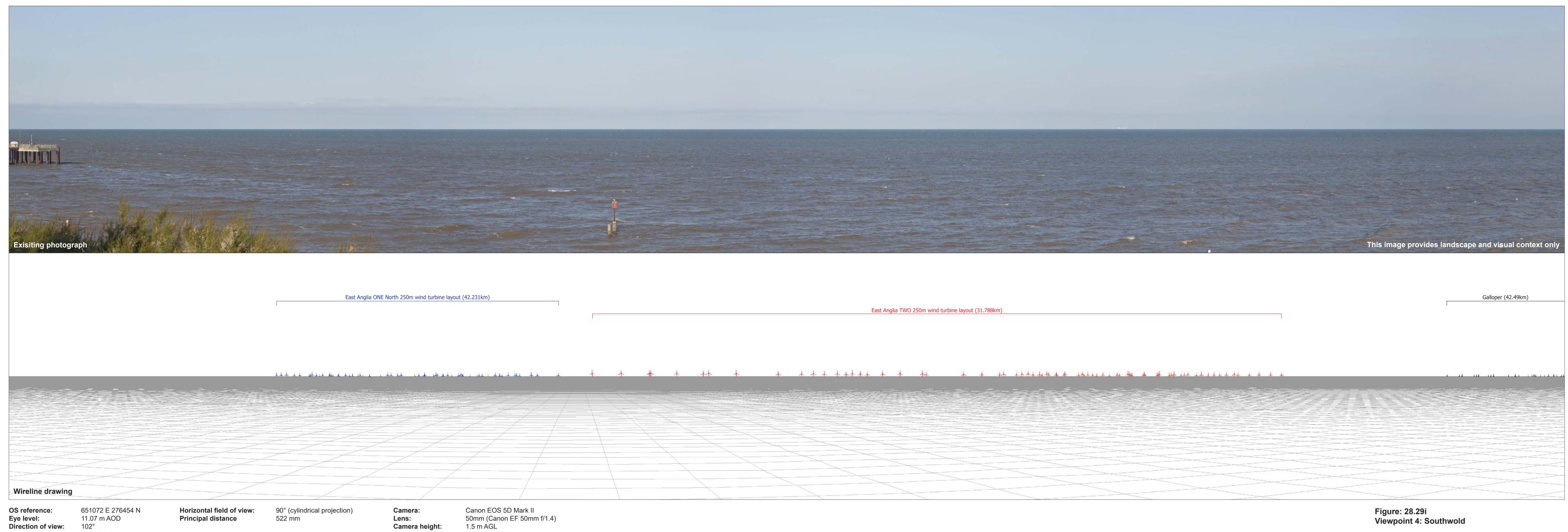
Figure: 28.29g Viewpoint 4: Southwold



Nearest turbine:

31.555 km

Date and time:

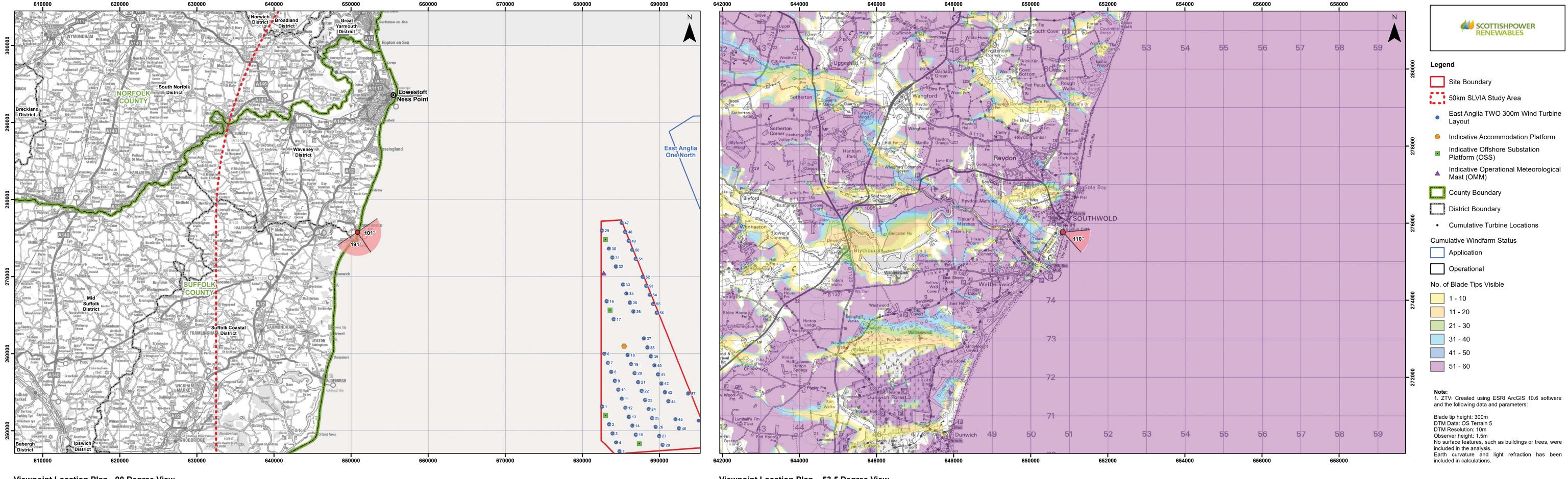


12/07/18, 17:36

Date and time:

Nearest turbine:

31.788 km



Viewpoint Location Plan - 90 Degree View Scale: 1:350,000

Viewpoint Location Plan – 53.5 Degree View Scale: 1:50,000

	4 1	16/01/2019	TH	Update Document Reference			This map has been produced to the latest known information at the time of issue, and has been produced for your information only. Please consult with the SPR Offshore GIS team to ensure the content is still current before using the information	East Anglia TWO	Doc Ref	EA2-DEVWF-EN	V-REP-IBR-000823
	3 1	19/12/2018	тн	Update Layout	Prepared:	тн	contained on this map. To the fullest extent permitted by law, we accept no responsibility or liability (whether in contract, tort (including negligence) or otherwise in respect of any errors or omissions in the information contained in the map and shall not be liable for any loss, damage or expense caused by such errors or omissions. © Crown Copyright and SeaZone Solutions Limited. All rights reserved. Product Licence No. 082010.001. This	Viewpoint: 5	Rev	4	Datum:
	2 0)2/11/2018	LA	Minor Edits	Checked:	SM			Date	16/01/19	, ,
F	Rev	Date	Ву	Comment	Approved:	LT	product has been derived in part from material obtained from theUK Hydrographic Office with the permission of the Controller of Her Majesty's Stationery Office and UK HydrographicOffice. NOT TO BE USED FOR NAVIGATION. Contains Ordnance Survey digital data © Crown copyright, All rights reserved 2018 Licence number 0100031673.		Figure	28.30a	Zone 31N

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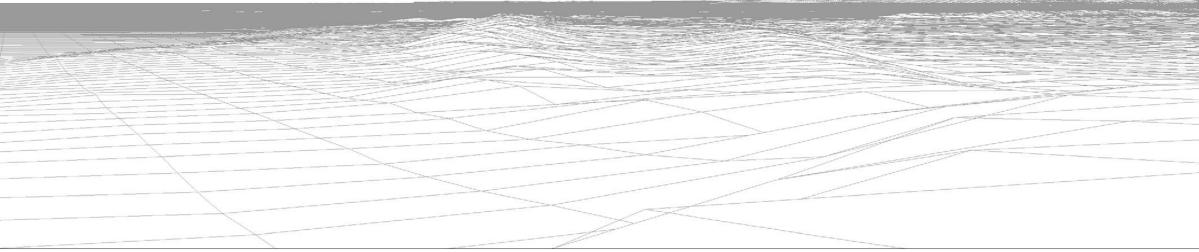
Date and time:

31.795 km

Nearest turbine:

Wireline drawing	650828 E 275764 N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 6D	
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Wireline drawing OS reference: Eye level: Direction of view: Nearest turbine:	650828 E 275764 N 9.84 m AOD 110° 31.795 km	Horizontal field of view: Principal distance Paper size: Correct printed image size:	53.5° (planar projection) 812.5 mm 841 x 297 mm 820 x 260 mm	Camera: Lens: Camera height: Date and time:	Canon EOS 6D 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 12/07/18, 18:02

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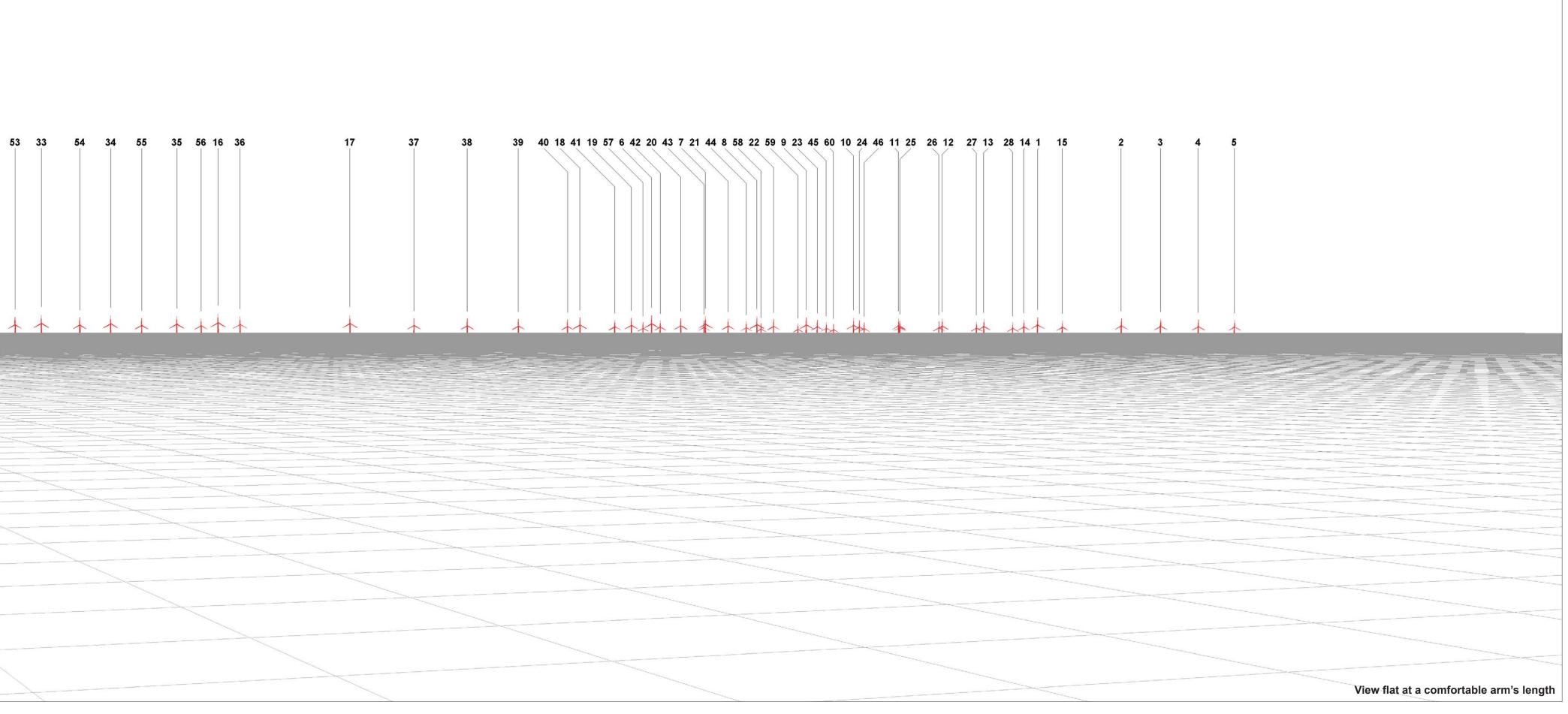
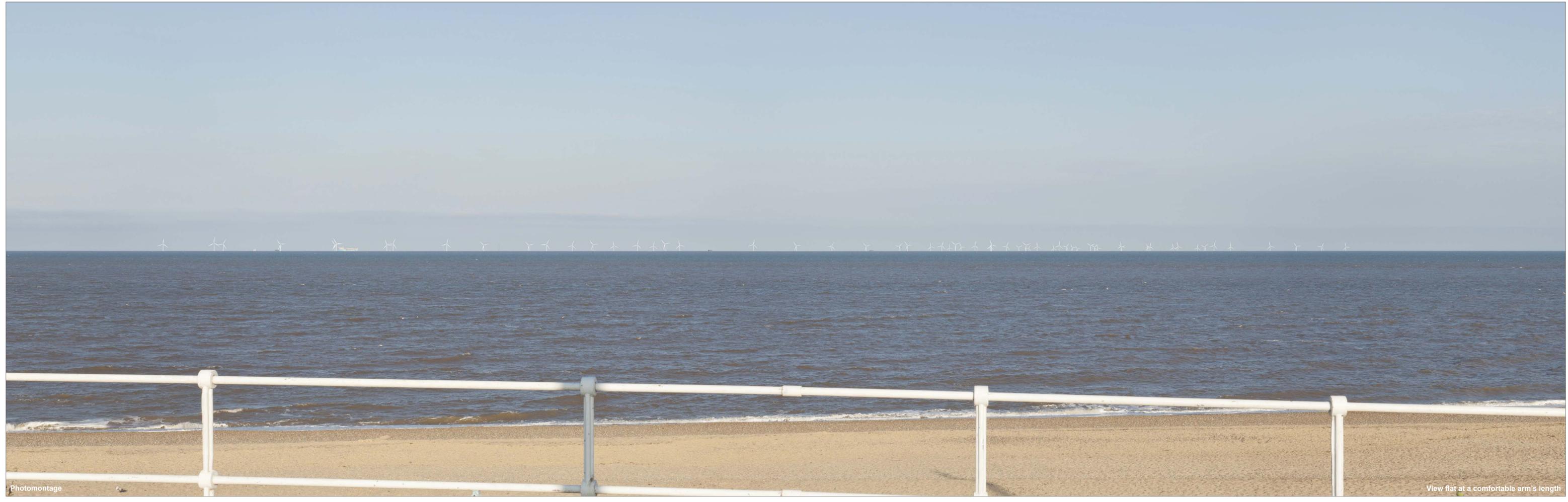


Figure: 28.30d Viewpoint 5: Gun Hill, Southwold



650828 E 275764 N 9.84 m AOD 110° 31.795 km

Horizontal field of view:53.5° (planar projection)Principal distance812.5 mmPaper size:841 x 297 mmCorrect printed image size:820 x 260 mm

Camera: Lens: Camera height: Date and time:

Canon EOS 6D 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 12/07/18, 18:02

Figure: 28.30e Viewpoint 5: Gun Hill, Southwold

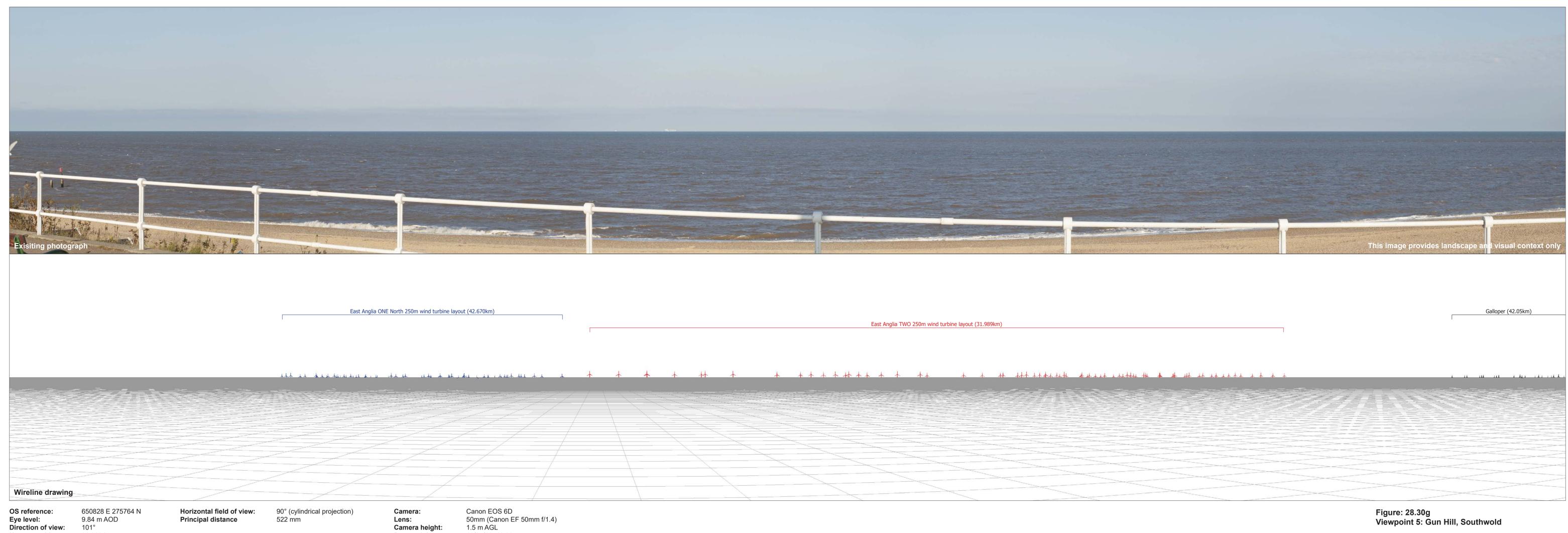


12/07/18, 18:02

Date and time:

31.795 km

Nearest turbine:

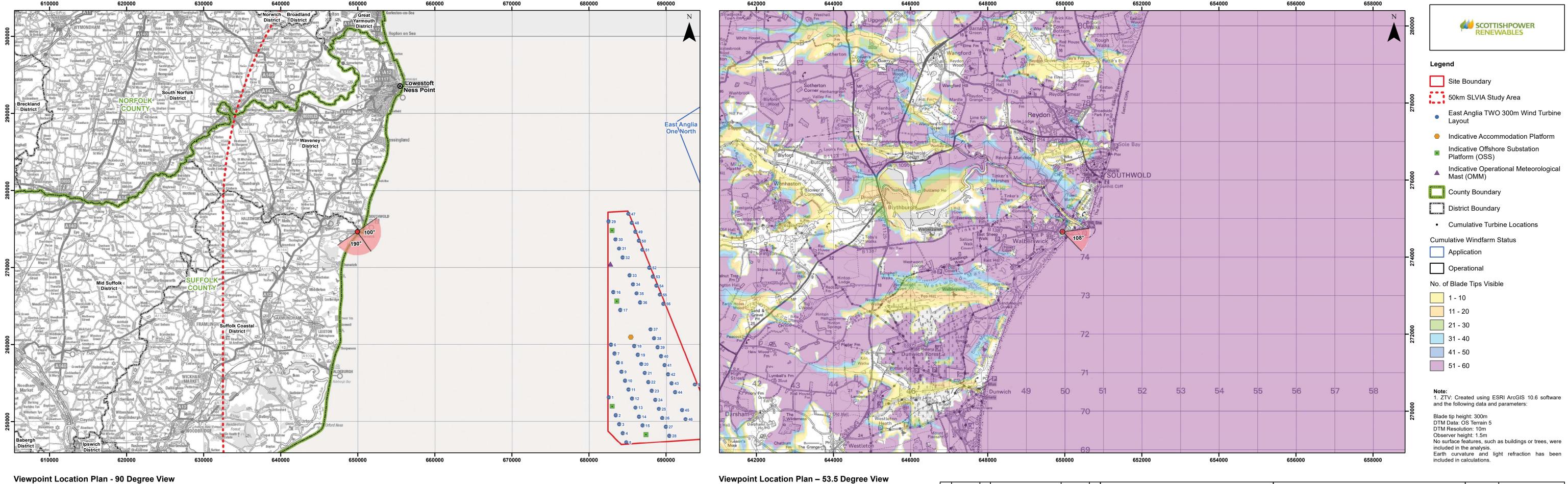


12/07/18, 18:02

Date and time:

31.989 km

Nearest turbine:



Viewpoint Location Plan - 90 Degree View Scale: 1:350,000

Viewpoint Location Plan – 53.5 Degree View Scale: 1:50,000

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3	19/12	2/2018	тн	Update Layout	Prepared:	тн	To the fullest extent permitted by law, we accept no responsibility or liability (whether in contract, tort (including neglicity)) or otherwise in respect of any errors or omissions in the information contained in the map and shall not	Viewpoint: 6	Rev	4	Datum:
2	02/11	1/2018	LA	Minor Edits	Checked:	SM	be liable for any loss, damage or expense caused by such errors or omissions. © Crown Copyright and SeaZone Solutions Limited. All rights reserved. Product Licence No. 082010.001. This	Walberswick	Date	16/01/19	WGS 1984 Projection:
Rev	/ Da	ate	Ву	Comment	Approved:	LT	product has been derived in part from material obtained from theUK Hydrographic Office with the permission of the Controller of Her Majesty's Stationery Office and UK HydrographicOffice. NOT TO BE USED FOR NAVIGATION. Contains Ordnance Survey digital data © Crown copyright, All rights reserved 2018 Licence number 0100031673.		Figure	28.31a	Zone 31N

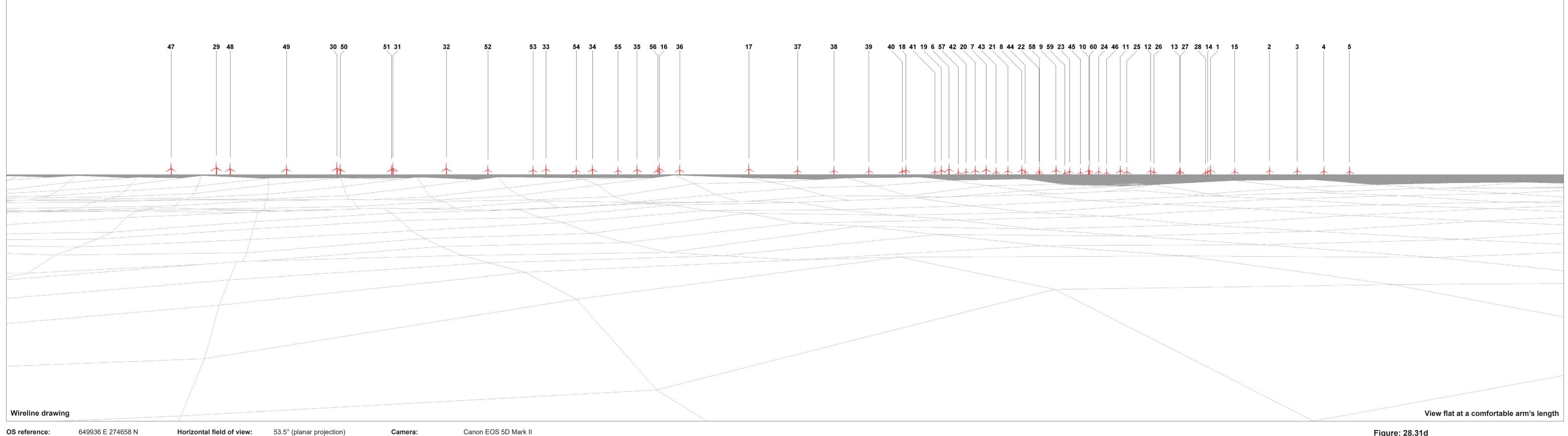


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Wireline drawing					
OS reference:	649936 E 274658 N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 5D Mark II
Eye level: Direction of view:	3.89 m AOD 190°	Principal distance	522 mm	Lens: Camera height:	50mm (Canon EF 50mm f/1.4) 1.5 m AGL
Nearest turbine:	32.711 km			Date and time:	13/07/18, 17:58





Figure: 28.31c Viewpoint 6: Walberswick



Eye level: Direction of view: Nearest turbine:

649936 E 274658 N 3.89 m AOD 108° 32.711 km

Horizontal field of view: Principal distance Paper size:841 x 297 mmCorrect printed image size:820 x 260 mm

812.5 mm

Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 13/07/18, 17:58

Figure: 28.31d Viewpoint 6: Walberswick



649936 E 274658 N 3.89 m AOD 108° 32.711 km

Horizontal field of view:53.5° (planar projection)Principal distance812.5 mmPaper size:841 x 297 mmCorrect printed image size:820 x 260 mm

Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 13/07/18, 17:58

Figure: 28.31e Viewpoint 6: Walberswick



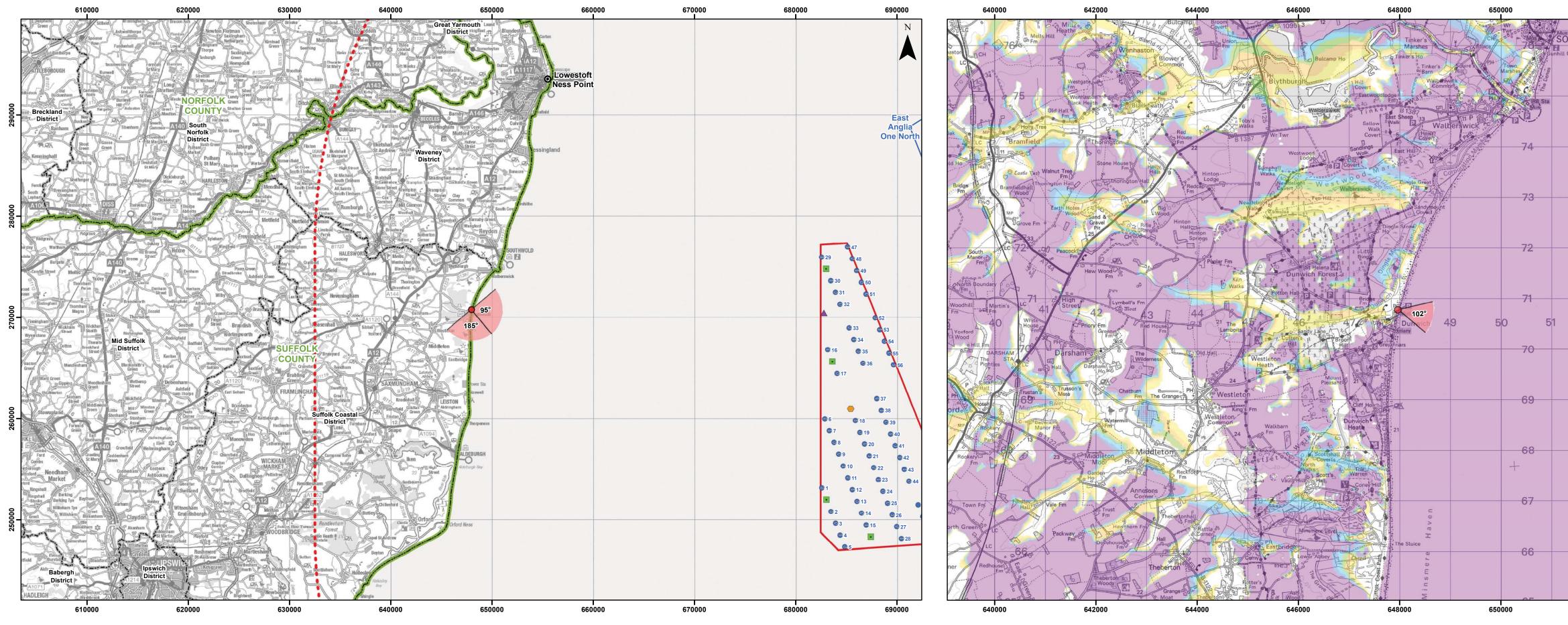


13/07/18, 17:58

Date and time:

Nearest turbine:

32.845 km

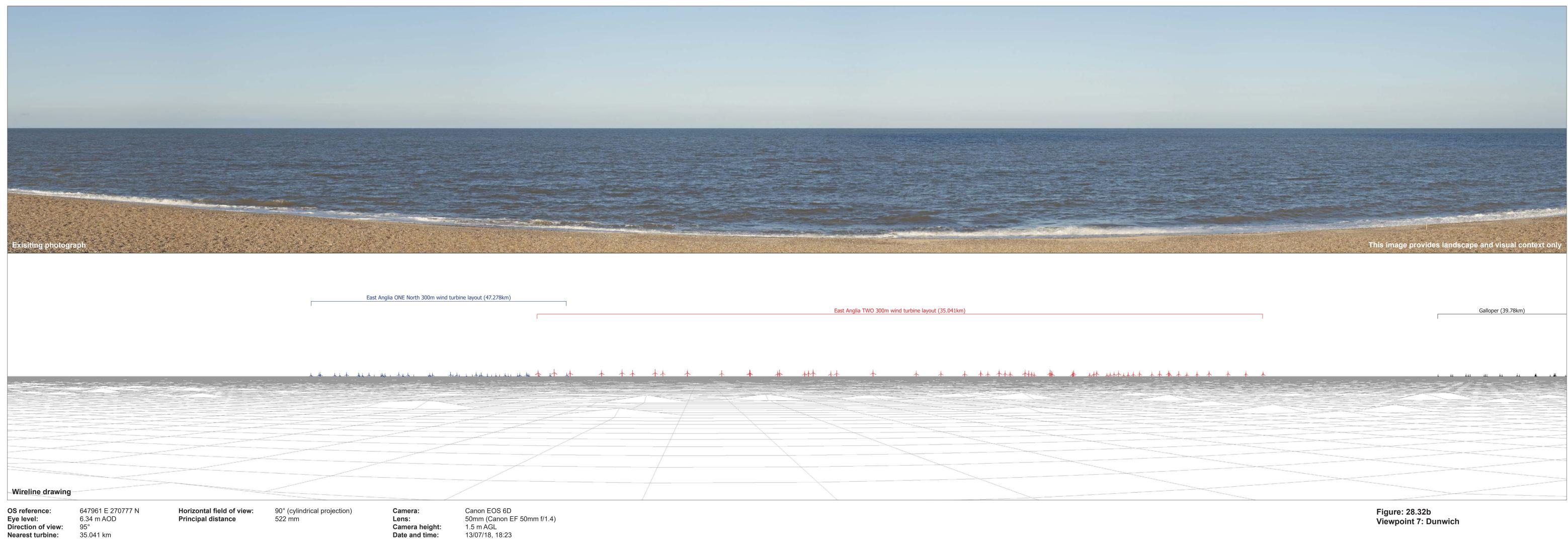


Viewpoint Location Plan - 90 Degree View Scale: 1:350,000

Viewpoint Location Plan – 53.5 Degree View Scale: 1:50,000

	4 16	6/01/2019	TH	Update Document Reference			p has been produced to the latest known information at the time of issue, and has been produced for your ion only. consult with the SPR Offshore GIS team to ensure the content is still current before using the information	East Anglia TWO	Doc Ref	EA2-DEVWF-EN	V-REP-IBR-000823
L	3 19	9/12/2018	тн	Update Layout	Prepared:	тн	contained on this map. To the fullest extent permitted by law, we accept no responsibility or liability (whether in contract, tort (including	Viewpoint: 7	Rev	4	Datum:
	2 02	2/11/2018	LA	Minor Edits	Checked:	SM	negligence) or otherwise in respect of any errors or omissions in the information contained in the map and shall not be liable for any loss, damage or expense caused by such errors or omissions. © Crown Copyright and SeaZone Solutions Limited. All rights reserved. Product Licence No. 082010.001. This	· · · · · · · · · · · · · · · · · · ·	Date	16/01/19	WGS 1984 Projection:
F	ev	Date	Ву	Comment	Approved:	LT	as been derived in part from material obtained from theUK Hydrographic Office with the permission of the r of Her Majesty's Stationery Office and UK HydrographicOffice. NOT TO BE USED FOR NAVIGATION. Ordnance Survey digital data © Crown copyright, All rights reserved 2018 Licence number 0100031673.		Figure	28.32a	Zone 31N

652	000	654	000	656	000		
ŮTHWO	LD				N	276000	
							Legend
							Site Boundary
						0	50km SLVIA Study Area
						274000	 East Anglia TWO 300m Wind Turbine Layout
							Indicative Accommodation Platform
							 Indicative Offshore Substation Platform (OSS)
						00	 Indicative Operational Meteorological Mast (OMM)
						272000	County Boundary
							District Boundary
							Cumulative Turbine Locations
5	2 5	3 5	4 5	5 5	6		Cumulative Windfarm Status
						00	Application
						270000	Operational
							No. of Blade Tips Visible
							1 - 10
							11 - 20
						-	21 - 30
						268000	31 - 40
						7	41 - 50
							51 - 60
							Note: 1. ZTV: Created using ESRI ArcGIS 10.6 software and the following data and parameters:
						266000	Blade tip height: 300m
						26	DTM Data: OS Terrain 5 DTM Resolution: 10m Observer height: 1.5m No surface features, such as buildings or trees, were included in the analysis.
652	000	654	000	656	000		Earth curvature and light refraction has been included in calculations.
052		034		000			



647961 E 270777 N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 6D
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	Grea	Galloper (39.78km) Greater Gabbard (39.25km)	Galloper (39.78km)	Galloper (39.78km) Greater Gabbard (39.25km)

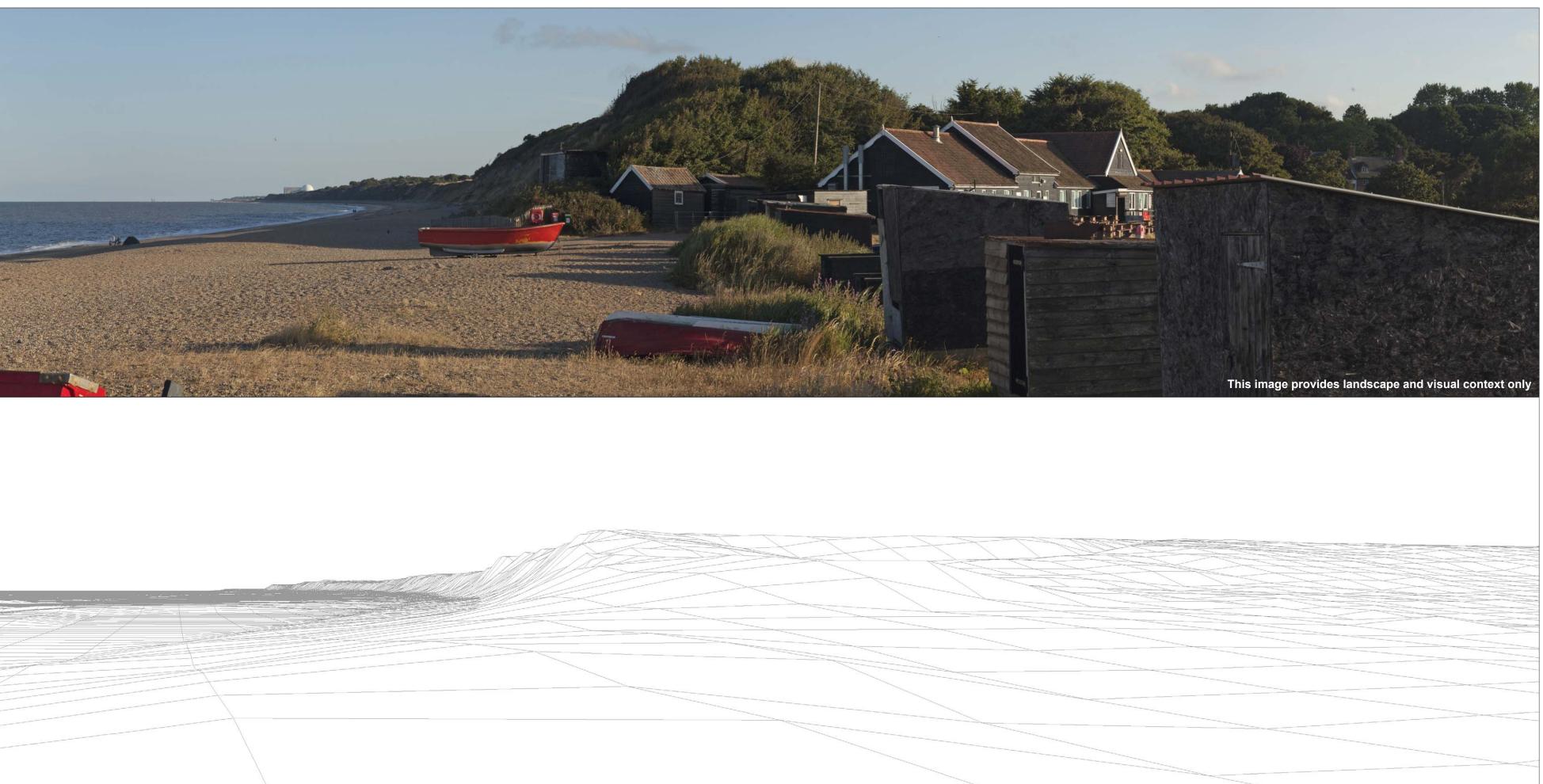
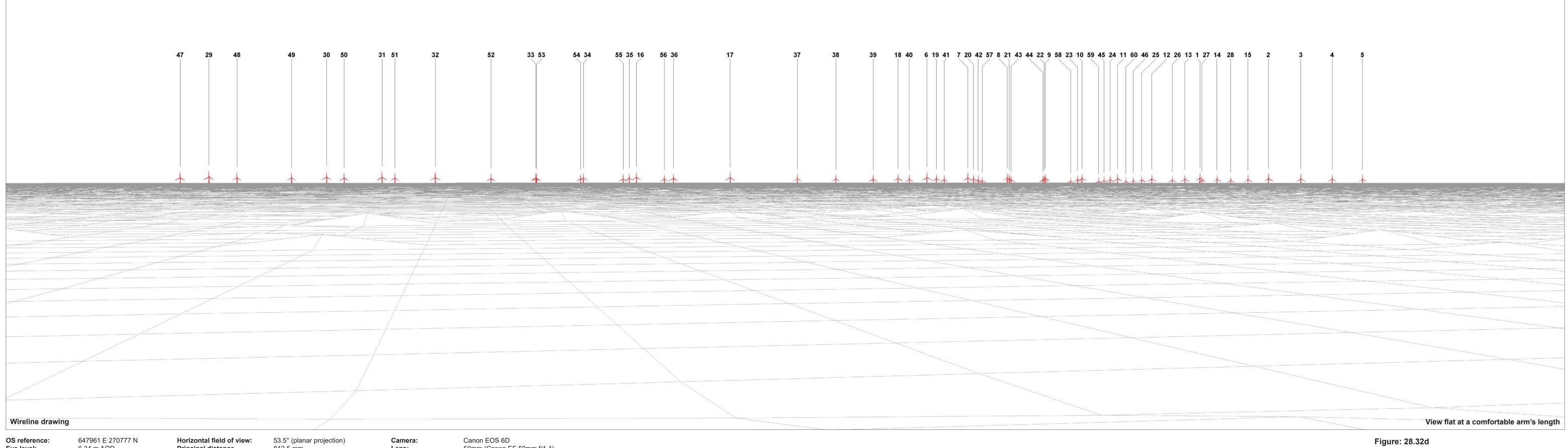




Figure: 28.32c Viewpoint 7: Dunwich



Eye level: Direction of view: Nearest turbine:

6.34 m AOD 102° 35.041 km

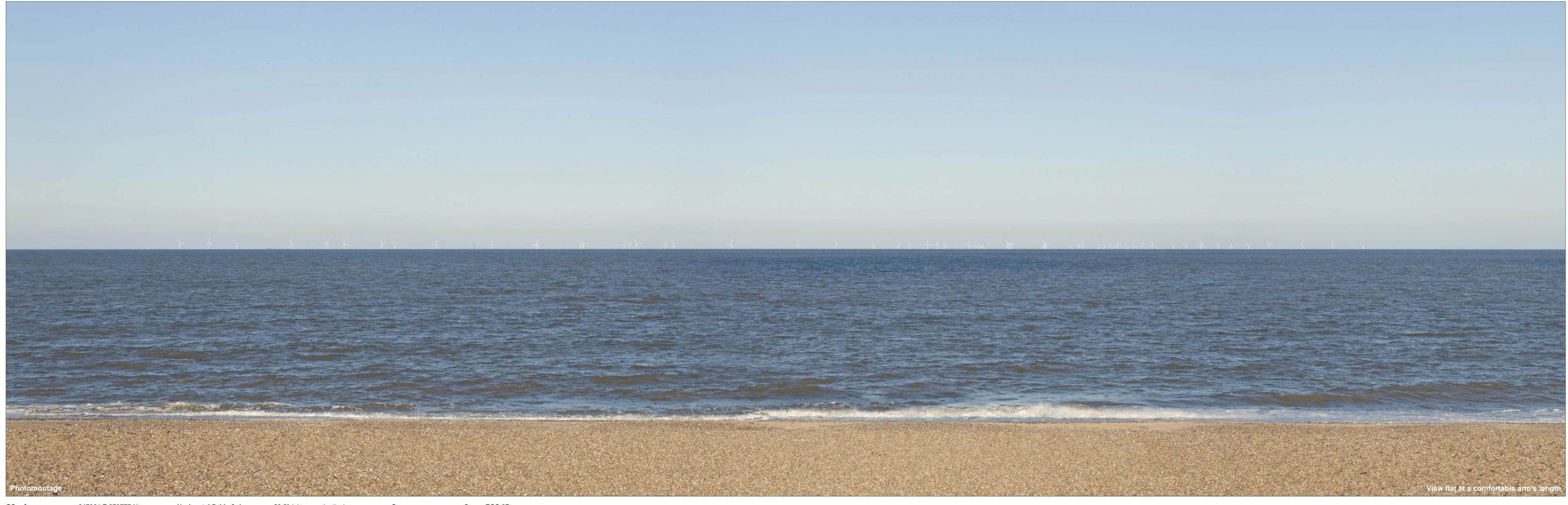
Principal distance Paper size:841 x 297 mmCorrect printed image size:820 x 260 mm

812.5 mm

Lens: Camera height: Date and time:

Canon EOS 6D 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 13/07/18, 18:23

Figure: 28.32d Viewpoint 7: Dunwich



647961 E 270777 N 6.34 m AOD 102° 35.041 km

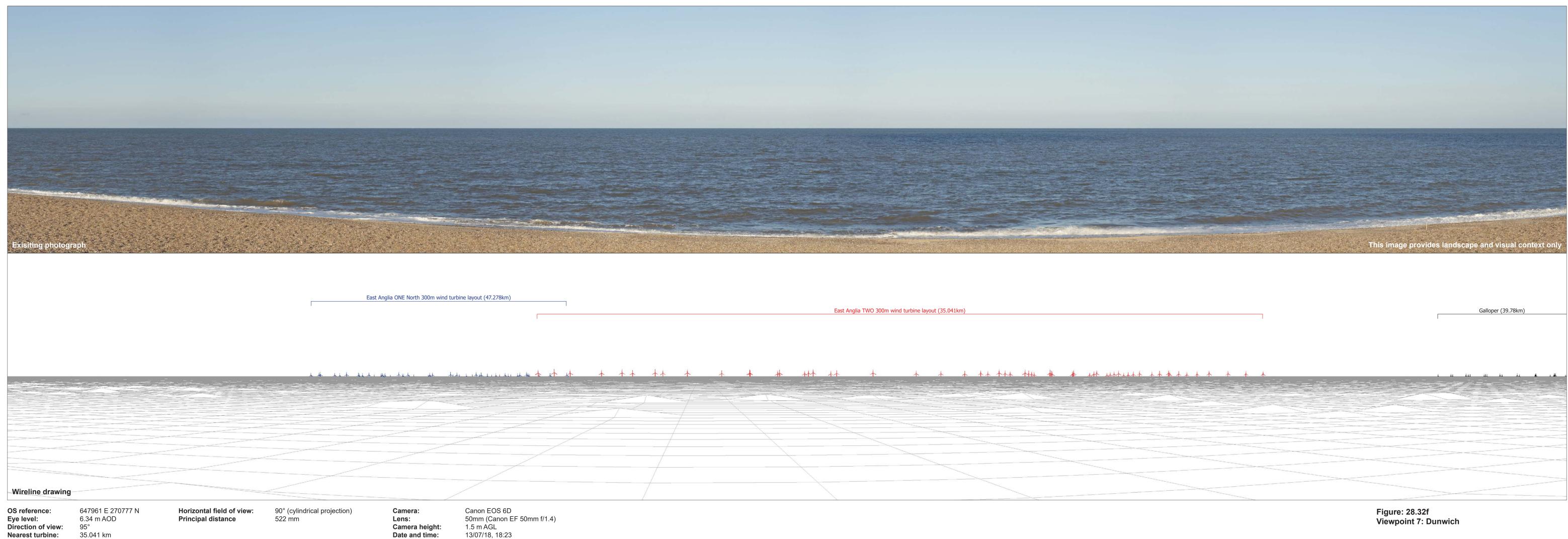
Horizontal field of view: Principal distance Paper size:841 x 297 mmCorrect printed image size:820 x 260 mm

53.5° (planar projection) 812.5 mm

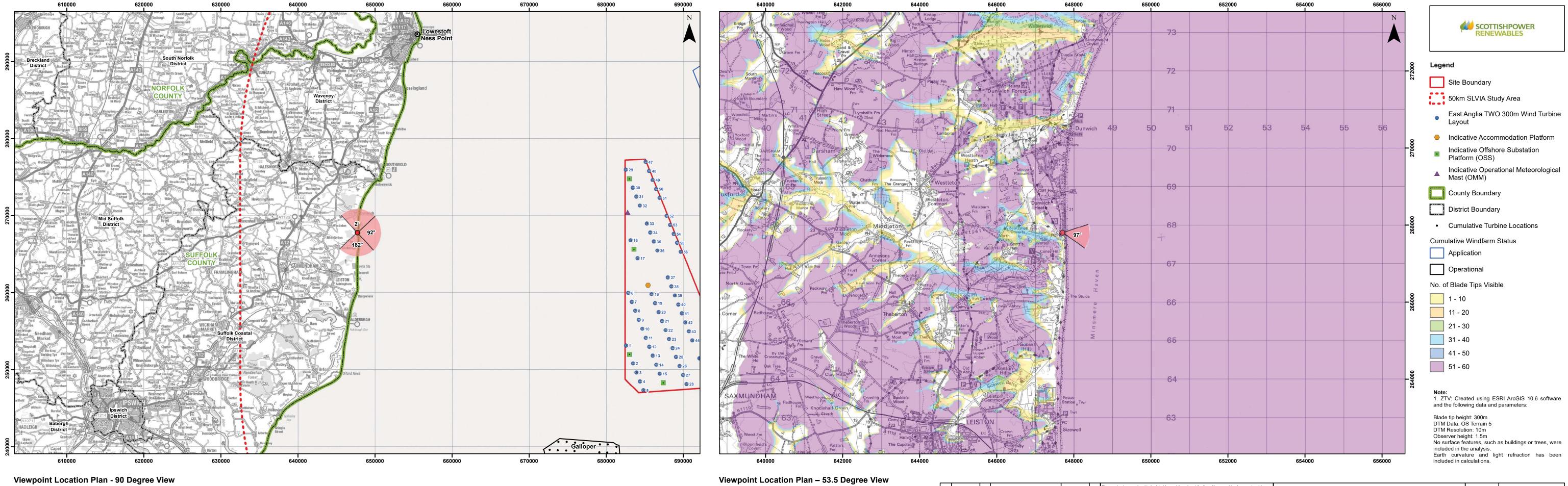
Camera: Lens: Camera height: Date and time:

Canon EOS 6D 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 13/07/18, 18:23

Figure: 28.32e Viewpoint 7: Dunwich







Viewpoint Location Plan - 90 Degree View Scale: 1:350,000

Viewpoint Location Plan – 53.5 Degree View Scale: 1:50,000

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Re	v	Date	Ву	Comment	Approved:	LT	as been derived in part from material obtained from the UK Hydrographic Office with the permission of the rol Her Majesty's Stationery Office and UK HydrographicOffice. NOT TO BE USED FOR NAVIGATION. Ordnance Survey digital data © Crown copyright, All rights reserved 2018 Licence number 0100031673.		Figure	28.33a	Zone 31N



647700 E 267801 N 18.28 m AOD 35.551 km

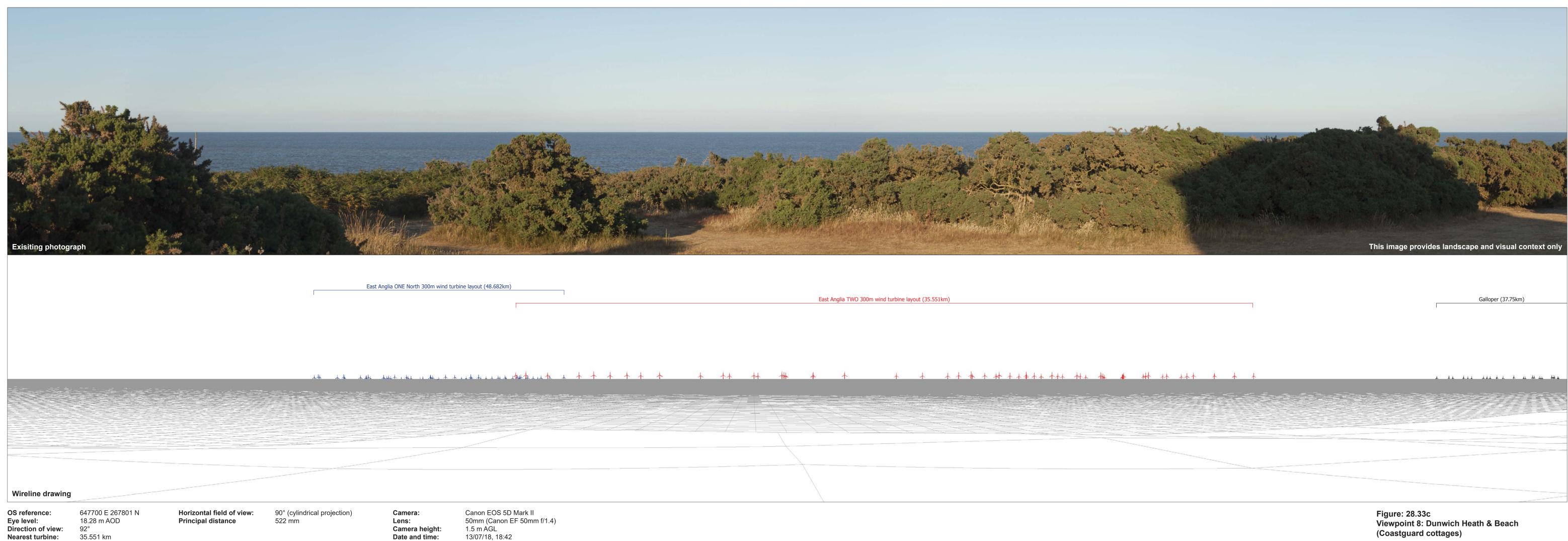
Horizontal field of view: Principal distance

90° (cylindrical projection) 522 mm

Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 13/07/18, 18:42

Figure: 28.33b Viewpoint 8: Dunwich Heath & Beach (Coastguard cottages)



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	Galloper	r (37.75km)			
[Greater Gabbard (36.94km)			
-ha + ah +++ ++ +	· #1 464 · MAA A 166 46 414 * # # # # # # # # # # # # # # # # # #	** **********************************	the tradition of the device we have the tradition of the		
Wireline drawir	ng				
OS reference: Eye level:	647700 E 267801 N 18.28 m AOD	Horizontal field of view: Principal distance	90° (cylindrical projection) 522 mm	Camera: Lens:	Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4)

Camera height:

Date and time:

1.5 m AGL 13/07/18, 18:42

Direction of view: Nearest turbine:

182° 35.551 km



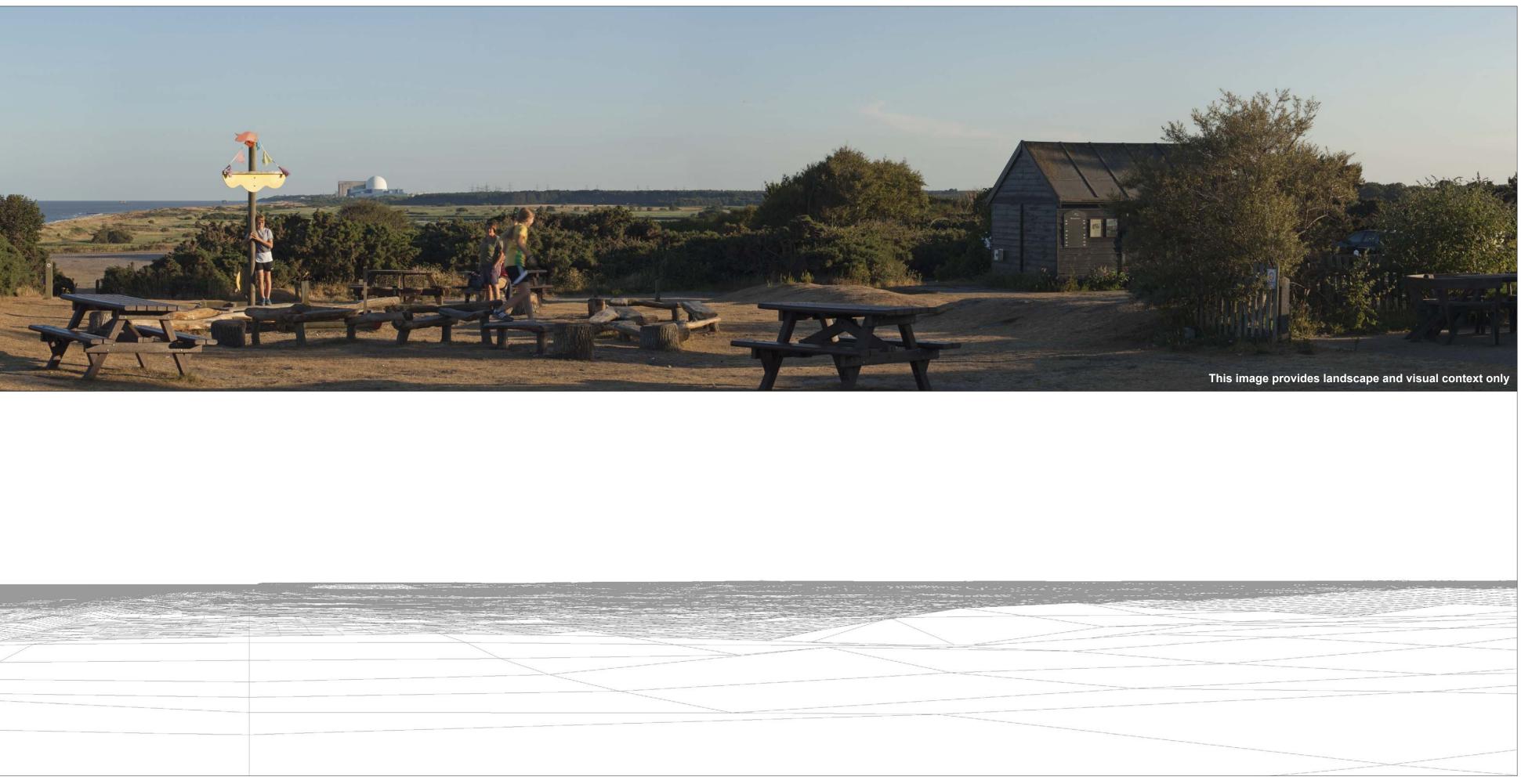
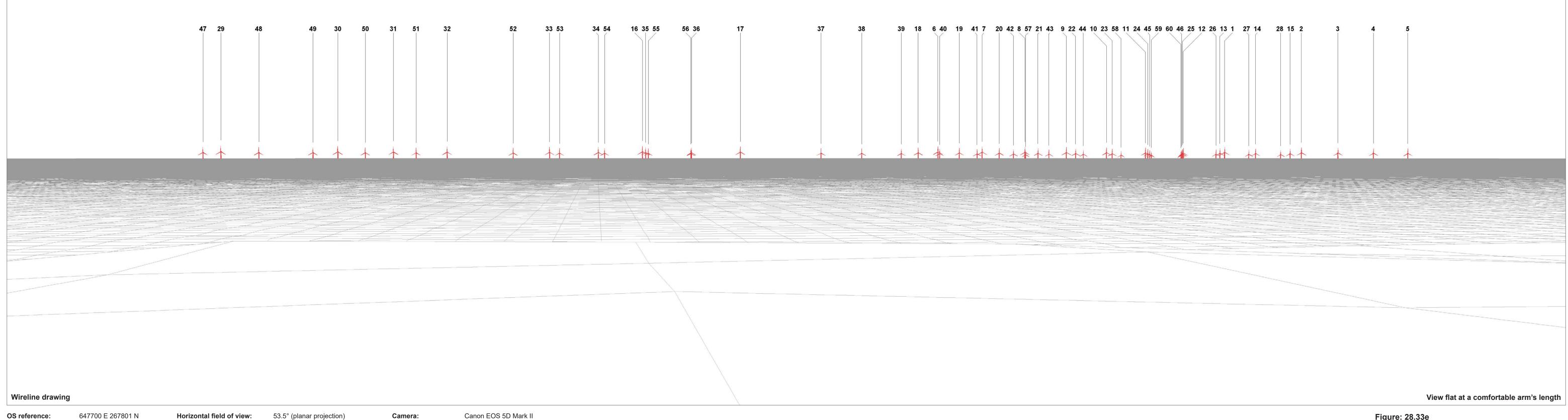


Figure: 28.33d Viewpoint 8: Dunwich Heath & Beach (Coastguard cottages)



Eye level: Direction of view: Nearest turbine:

18.28 m AOD 97° 35.551 km

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

812.5 mm 841 x 297 mm

Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m ÀGL 13/07/18, 18:42

Figure: 28.33e Viewpoint 8: Dunwich Heath & Beach (Coastguard cottages)



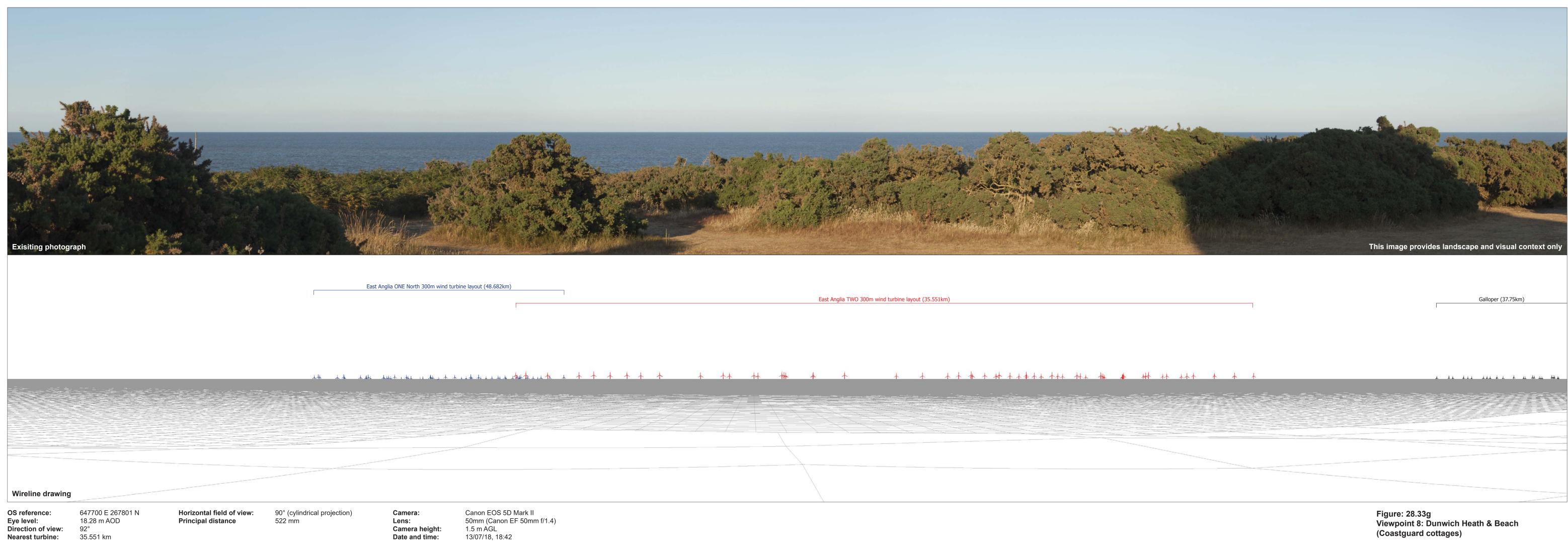
647700 E 267801 N 18.28 m AOD 97° 35.551 km

Horizontal field of view:53.5° (planar projection)Principal distance812.5 mmPaper size:841 x 297 mmCorrect printed image size:820 x 260 mm

Camera: Lens: Camera height: Date and time:

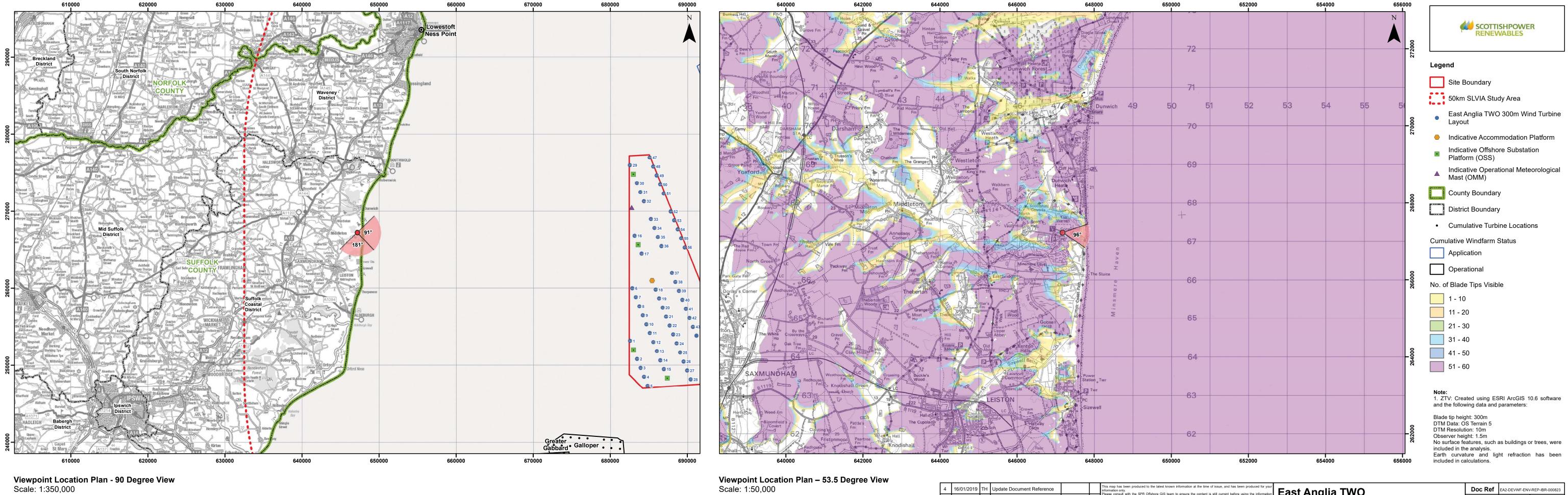
Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 13/07/18, 18:42

Figure: 28.33f Viewpoint 8: Dunwich Heath & Beach (Coastguard cottages)





(Coastguard cottages)



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Rev	4	Datum:			
Date	16/01/19	WGS 1984 Projection:			
Figure	28.34a	Zone 31N			



isiting photograph	
Galloper (37.71km) Greater Gabbard (36.77km)	
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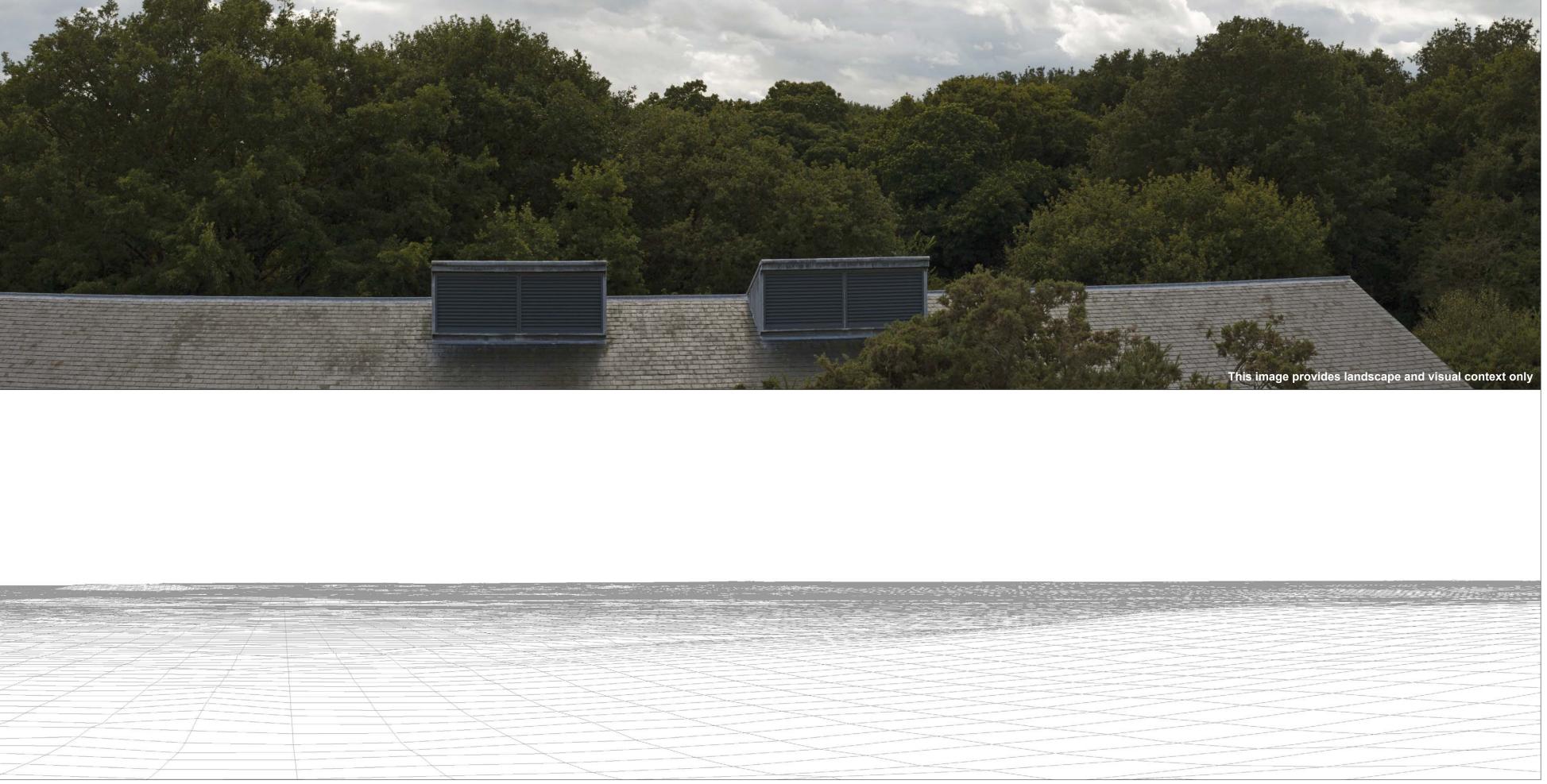
647171 E 267225 N 15.55 m AOD 181° 36.068 km

Horizontal field of view: Principal distance

90° (cylindrical projection) 522 mm

Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 13/09/17, 13:04



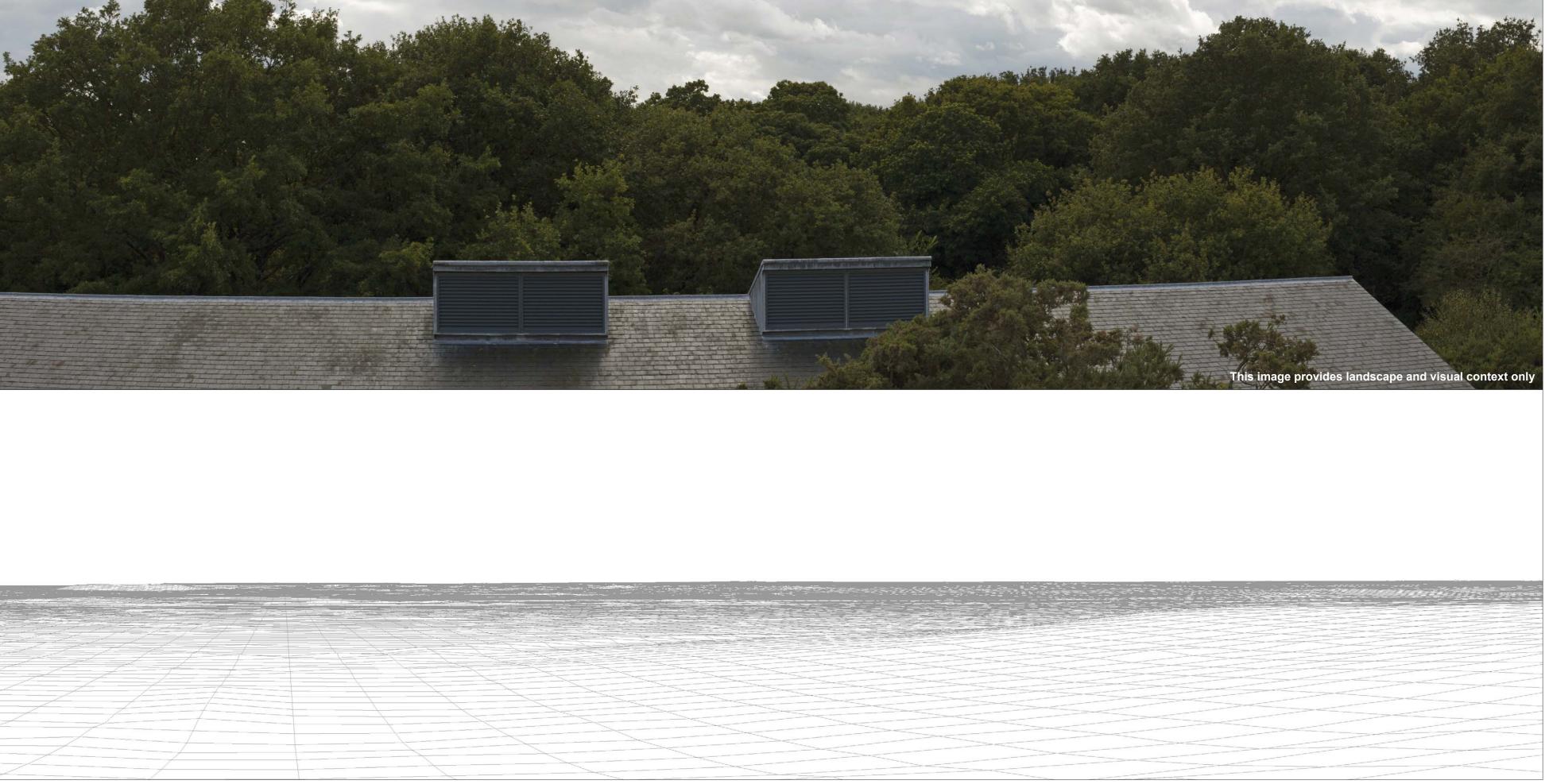
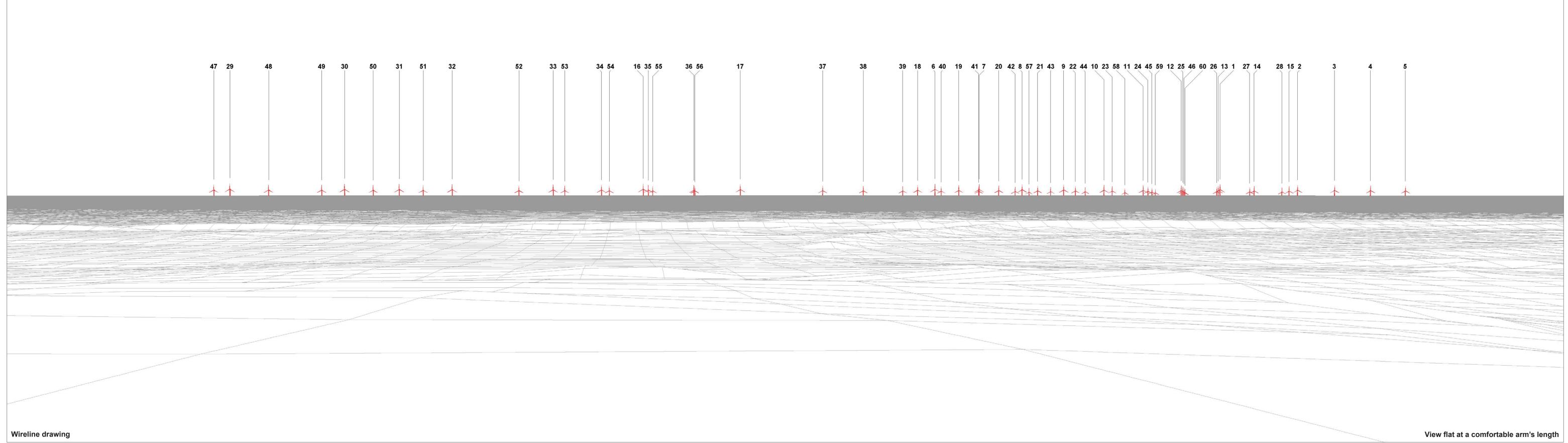


Figure: 28.34c Viewpoint 9: Minsmere Nature Reserve



647171 E 267225 N 15.55 m AOD 96° 36.068 km

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

Camera: Lens: Camera height: Date and time: Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m ÀGL 13/09/17, 13:04

Figure: 28.34d Viewpoint 9: Minsmere Nature Reserve

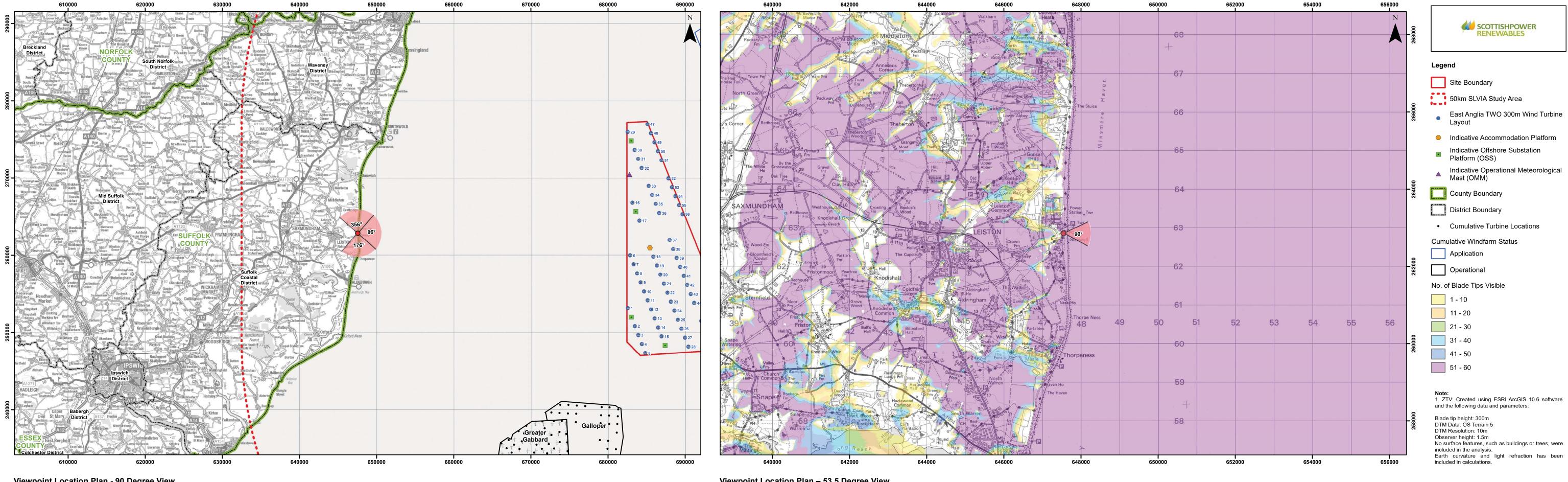


647171 E 267225 N 15.55 m AOD 96° 36.068 km

Horizontal field of view:53.5° (planar projection)Principal distance812.5 mmPaper size:841 x 297 mmCorrect printed image size:820 x 260 mm

Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 13/09/17, 13:04



Viewpoint Location Plan - 90 Degree View Scale: 1:350,000

Viewpoint Location Plan – 53.5 Degree View Scale: 1:50,000

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3	19	/12/2018	тн	Update Layout	Prepared:		contained on this map. To the fullest extent permitted by law, we accept no responsibility or liability (whether in contract, tort (including	Viewpoint: 10	Rev	4	Datum:
2	02	/11/2018	LA	Minor Edits	Checked:	SM	negligence) or otherwise in respect of any errors or omissions in the information contained in the map and shall not be liable for any loss, damage or expense caused by such errors or omissions. © Crown Copyright and SeaZone Solutions Limited. All rights reserved. Product Licence No. 082010.001. This	Sizewell Beach	Date	16/01/19	
Re	ev	Date	Ву	Comment	Approved:	LT	has been derived in part from material obtained from theUK Hydrographic Office with the permission of the or of Her Majestly's Stationery Office and UK HydrographicOffice. NOT TO BE USED FOR NAVIGATION. s Ordnance Survey digital data © Crown copyright, All rights reserved 2018 Licence number 0100031673.		Figure	28.35a	Zone 31N

Exisiting photograph		
Wireline drawing		
when he urawing		

647542 E 262858 N 7.24 m AOD 356° 35.519 km

Horizontal field of view: Principal distance

90° (cylindrical projection) 522 mm

Camera: Lens: Camera height: Date and time: Canon EOS 6D 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 22/08/17, 17:09

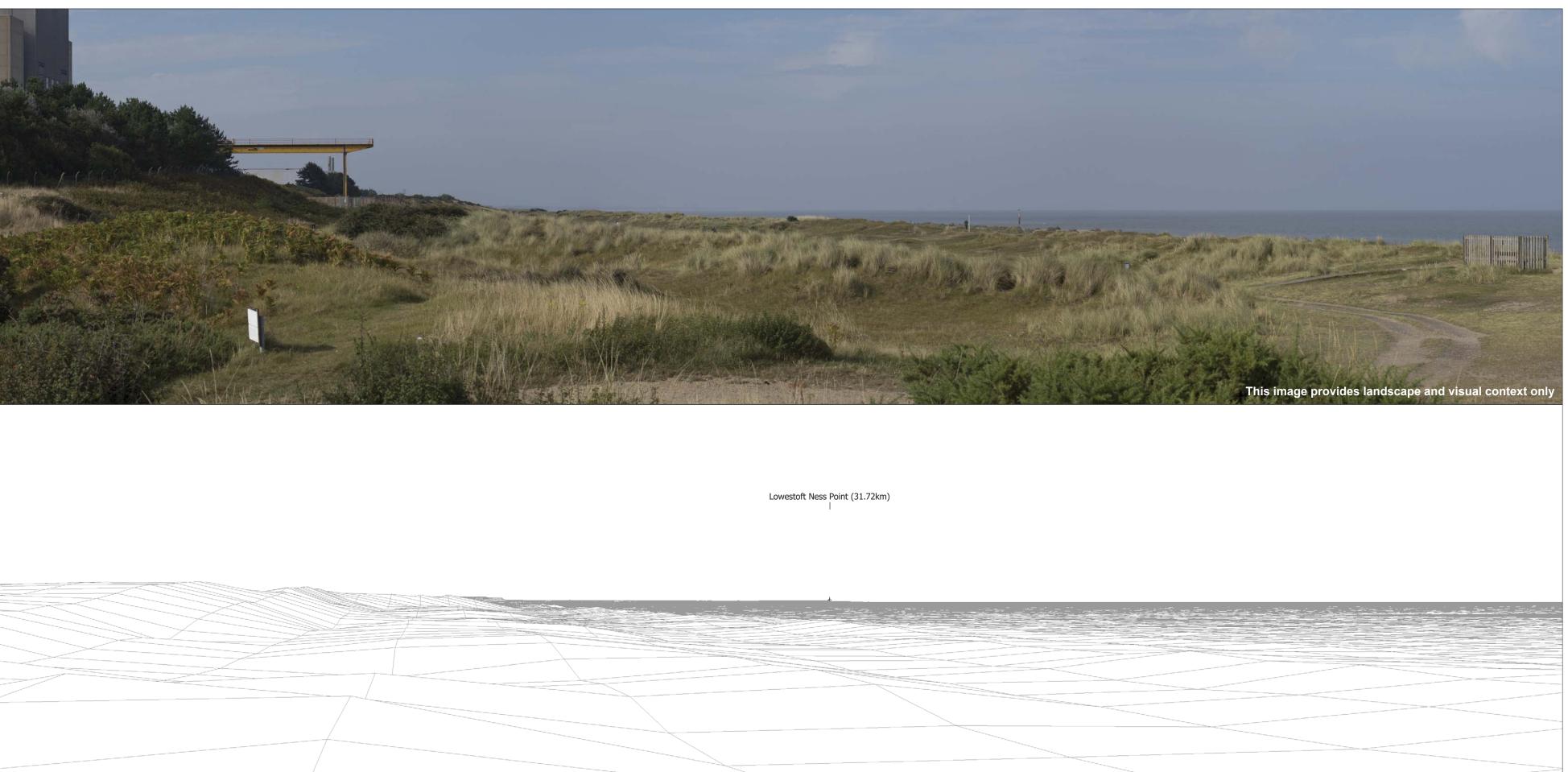




Figure: 28.35b Viewpoint 10: Sizewell Beach



22/08/17, 17:09

Date and time:

Nearest turbine:

35.519 km

Wireline drawing		Galloper (34.35km) Greater Gabbard (33.00km)	★★ #k kb #k ★ kb kb tb ↓ kb		
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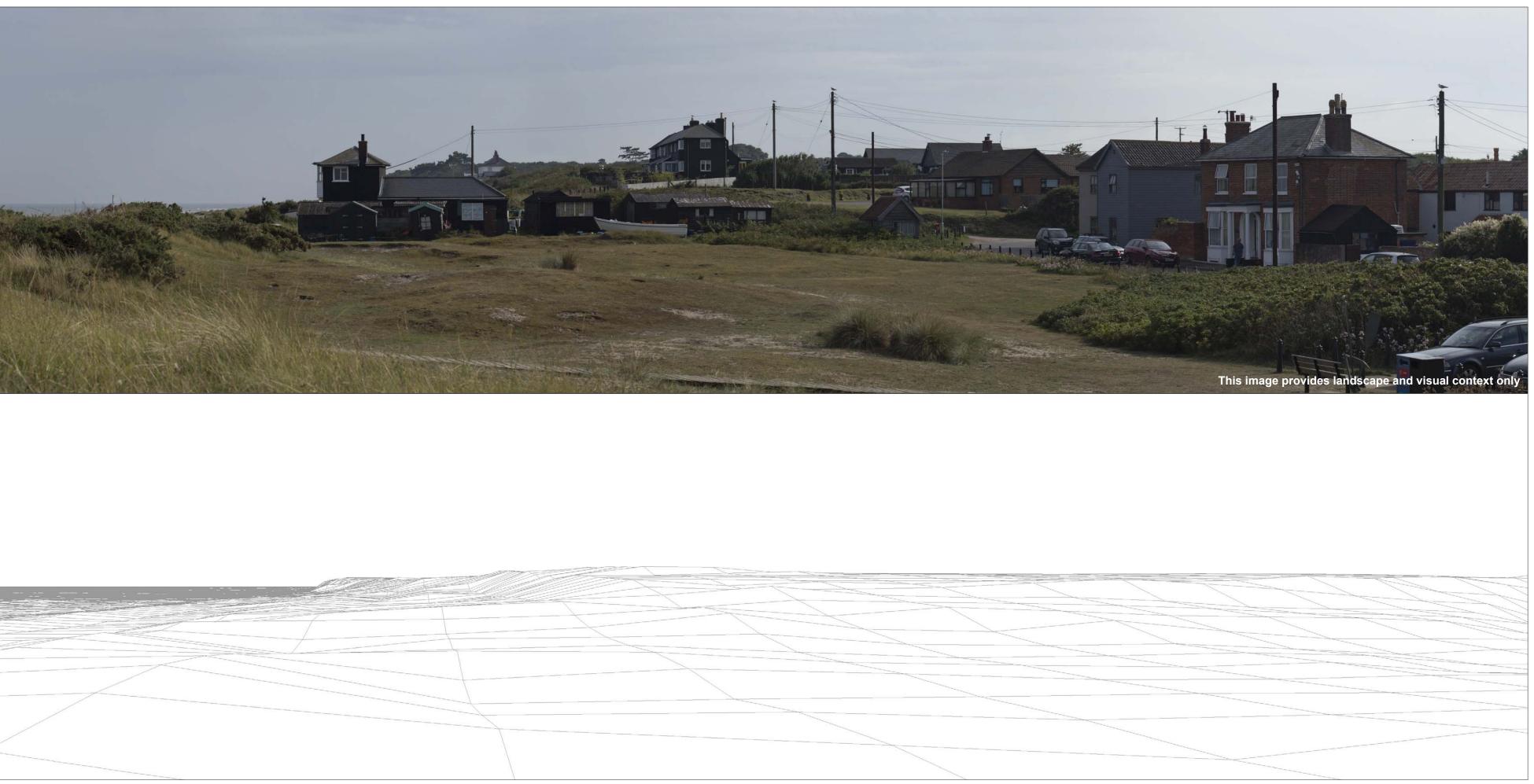
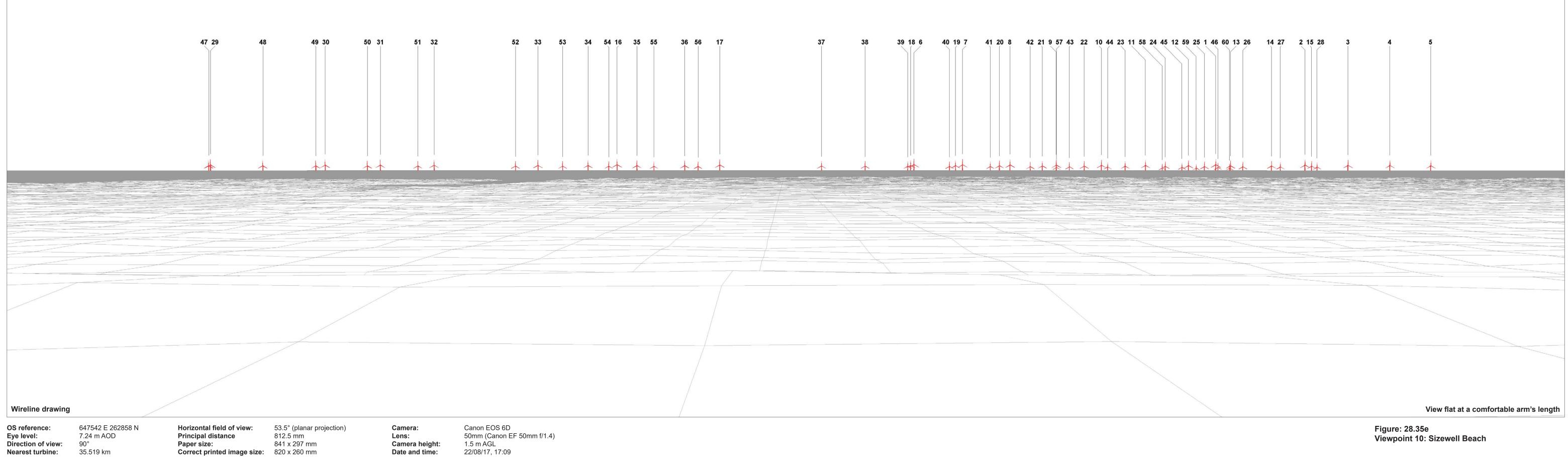




Figure: 28.35d Viewpoint 10: Sizewell Beach



22/08/17, 17:09

Date and time:

35.519 km

Correct printed image size: 820 x 260 mm



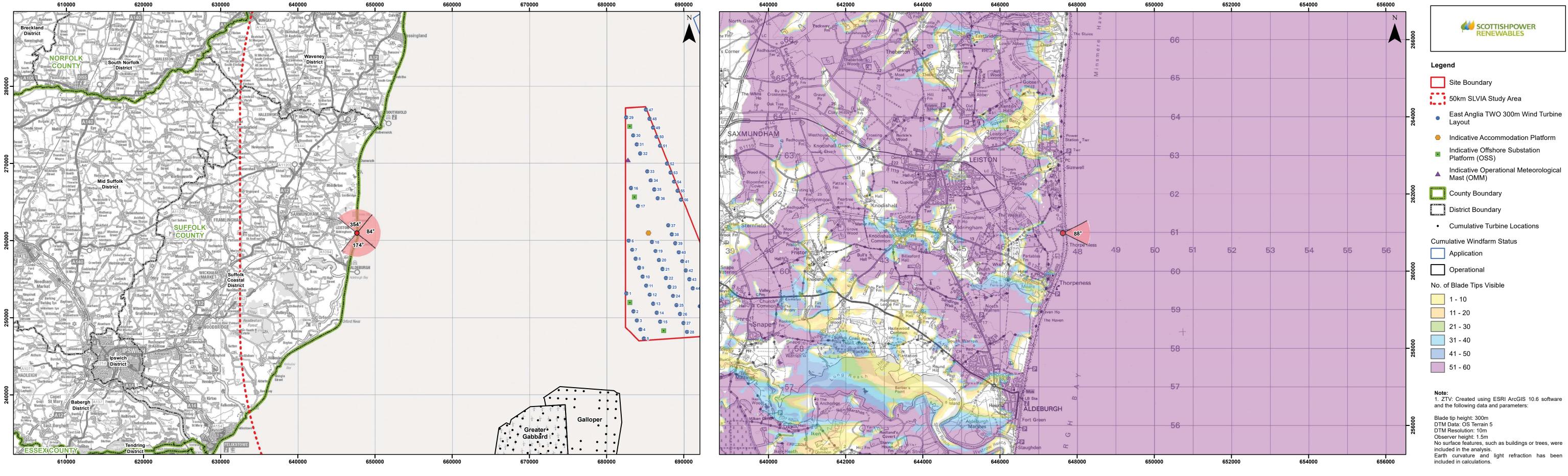
647542 E 262858 N 7.24 m AOD 90° 35.519 km

Horizontal field of view:53.5° (planar projection)Principal distance812.5 mmPaper size:841 x 297 mmCorrect printed image size:820 x 260 mm

Camera: Lens: Camera height: Date and time:

Canon EOS 6D 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 22/08/17, 17:09

Figure: 28.35f Viewpoint 10: Sizewell Beach



Viewpoint Location Plan - 90 Degree View Scale: 1:350,000

Viewpoint Location Plan – 53.5 Degree View Scale: 1:50,000

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2	02/11/201	8 LA	Minor Edits	Checked:	SM			Date	16/01/19	WGS 1984 Projection:
Rev	Date	Ву	Comment	Approved:	LT			Figure	28.36a	Zone 31N

Exisiting photog			1-12			
	Гарп					
Wireline drawing OS reference:	647624 E 260987 N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 5D Mark II	

Eye level: Direction of view: Nearest turbine:

11.34 m AOD 354° 35.656 km

Principal distance

522 mm

Lens: Camera height: Date and time:

50mm (Canon EF 50mm f/1.4) 1.5 m AGL 13/09/17, 12:05



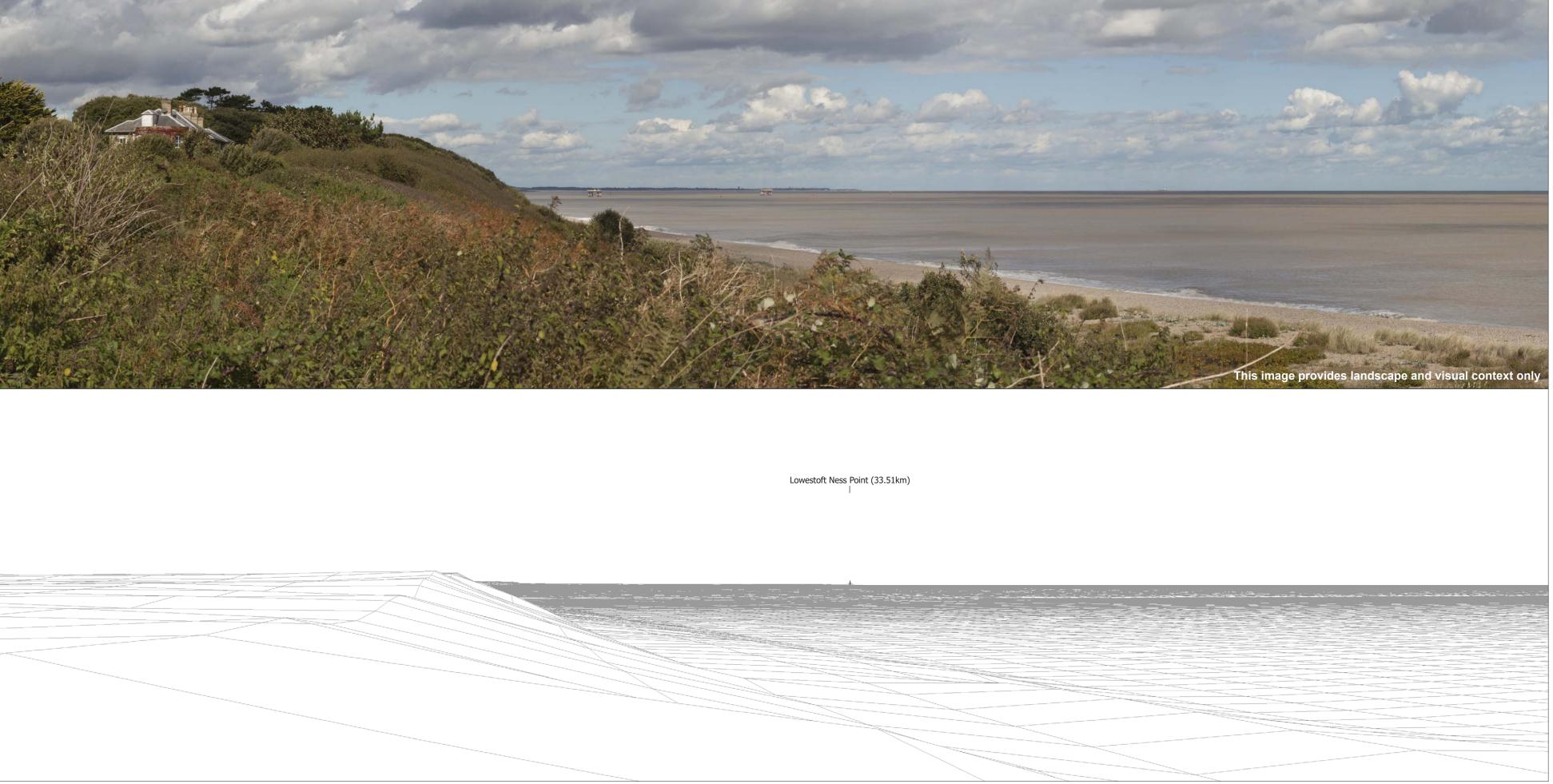


Figure: 28.36b Viewpoint 11: Suffolk Coastal Path, between Thorpeness and Sizewell



11.34 m AOD 84° 35.656 km

Horizontal field of view: Principal distance

90° (cylindrical projection) 522 mm

Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m ÀGL 13/09/17, 12:05

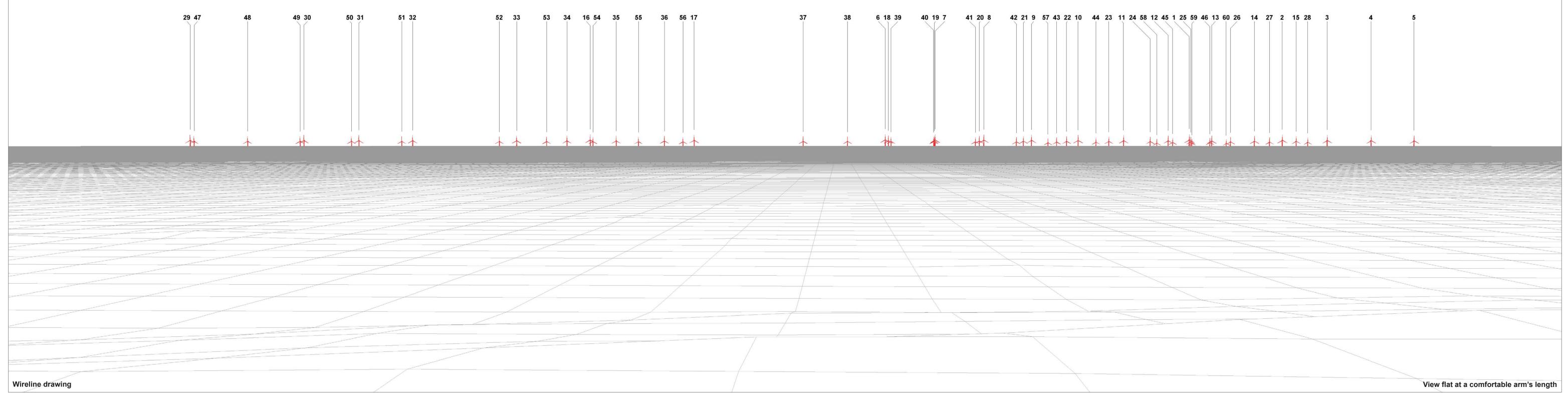
Figure: 28.36c Viewpoint 11: Suffolk Coastal Path, between Thorpeness and Sizewell

Wireline drawing		Galloper (33.05km) Greater Gabbard (31.43km			
* ***		Greater Gabbard (31.43km		μħιħ†ι†ιή μήμ μ φ φ	
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		Galloper (33.05km)			
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Figure: 28.36d Viewpoint 11: Suffolk Coastal Path, between Thorpeness and Sizewell



647624 E 260987 N 11.34 m AOD 88° 35.656 km

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

Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 13/09/17, 12:05

Figure: 28.36e Viewpoint 11: Suffolk Coastal Path, between Thorpeness and Sizewell

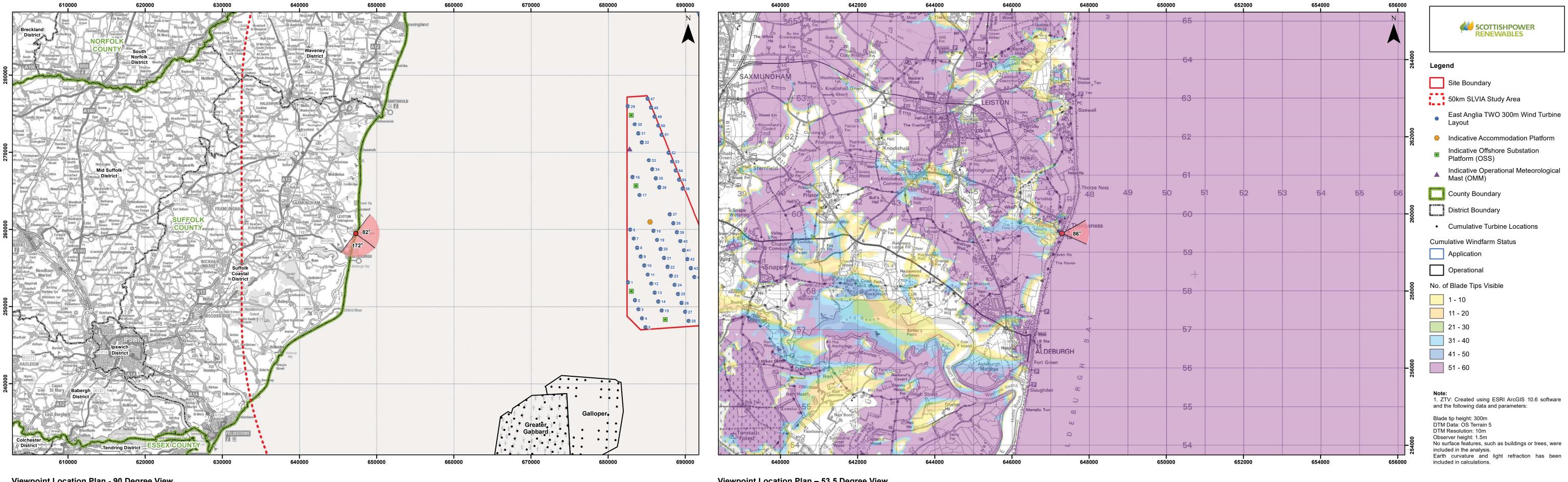


647624 E 260987 N 11.34 m AOD 88° 35.656 km

Horizontal field of view:53.5° (planar projection)Principal distance812.5 mmPaper size:841 x 297 mmCorrect printed image size:820 x 260 mm

Camera: Lens: Camera height: Date and time: Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 13/09/17, 12:05

Figure: 28.36f Viewpoint 11: Suffolk Coastal Path, between Thorpeness and Sizewell



Viewpoint Location Plan - 90 Degree View Scale: 1:350,000



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2	02	/11/2018	LA	Minor Edits	Checked:	SM	negligence) or otherwise in respect of any errors or omissions in the information contained in the map and shall not be liable for any loss, damage or expense caused by such errors or omissions. © Crown Copyright and SeaZone Solutions Limited. All rights reserved. Product Licence No. 082010.001. This service have been device in service for the such as the service of the service		Date	16/01/19	WGS 1984 Projection:
Re	ev	Date	Ву	Comment	Approved:		product has been derived in part from material obtained from theUK Hydrographic Office with the permission of the Controller of Her Majesty's Stationery Office and UK HydrographicOffice. NOT TO BE USED FOR NAVIGATION. Contains Ordnance Survey digital data © Crown copyright, All rights reserved 2018 Licence number 0100031673.		Figure	28.37a	Zone 31N



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OS reference: Eye level: Direction of view: Nearest turbine:	647287 E 259490 N 4.68 m AOD 172° 35.656 km	Horizontal field of view: Principal distance	90° (cylindrical projection) 522 mm	Camera: Lens: Camera height: Date and time:	Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 11/09/17, 13:28
Wireline drawing					
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		Galloper (32.37km) Greater Gabbard (30.44k	m)]	
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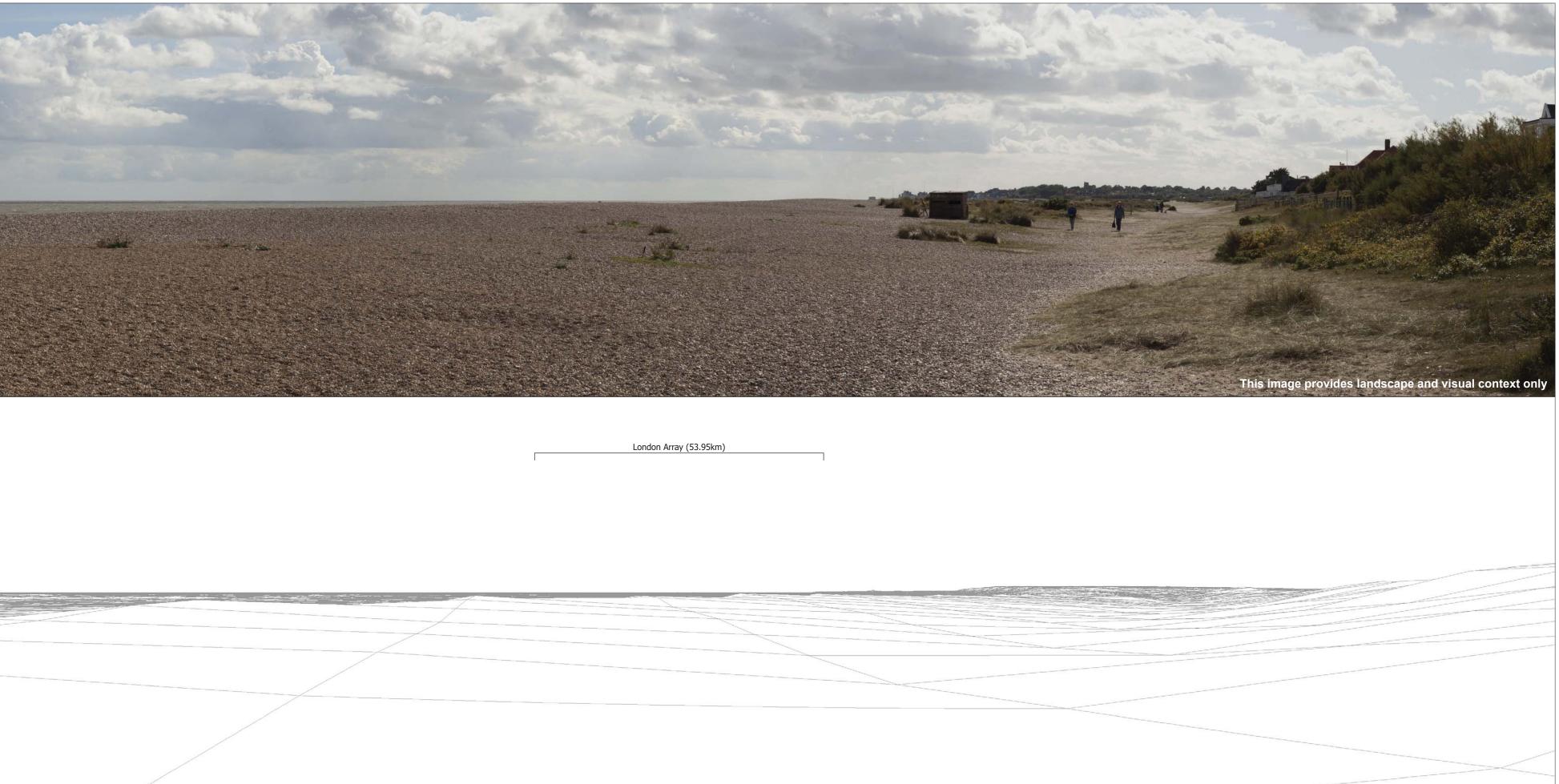
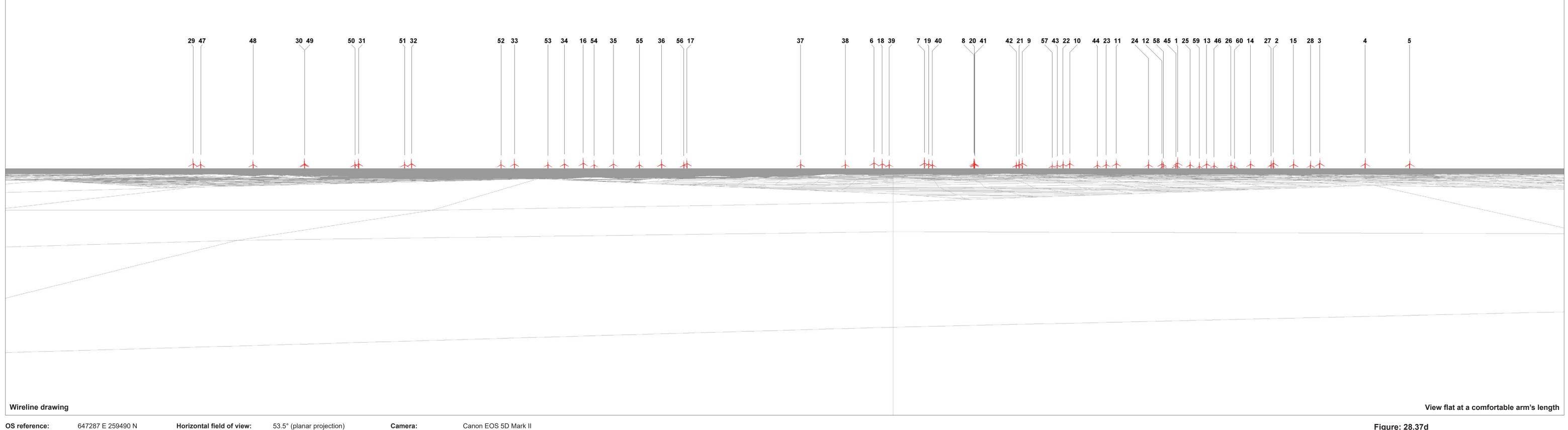




Figure: 28.37c Viewpoint 12: Thorpeness



Eye level: Direction of view: Nearest turbine:

4.68 m AOD 86° 35.656 km

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

812.5 mm 841 x 297 mm

Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 11/09/17, 13:28



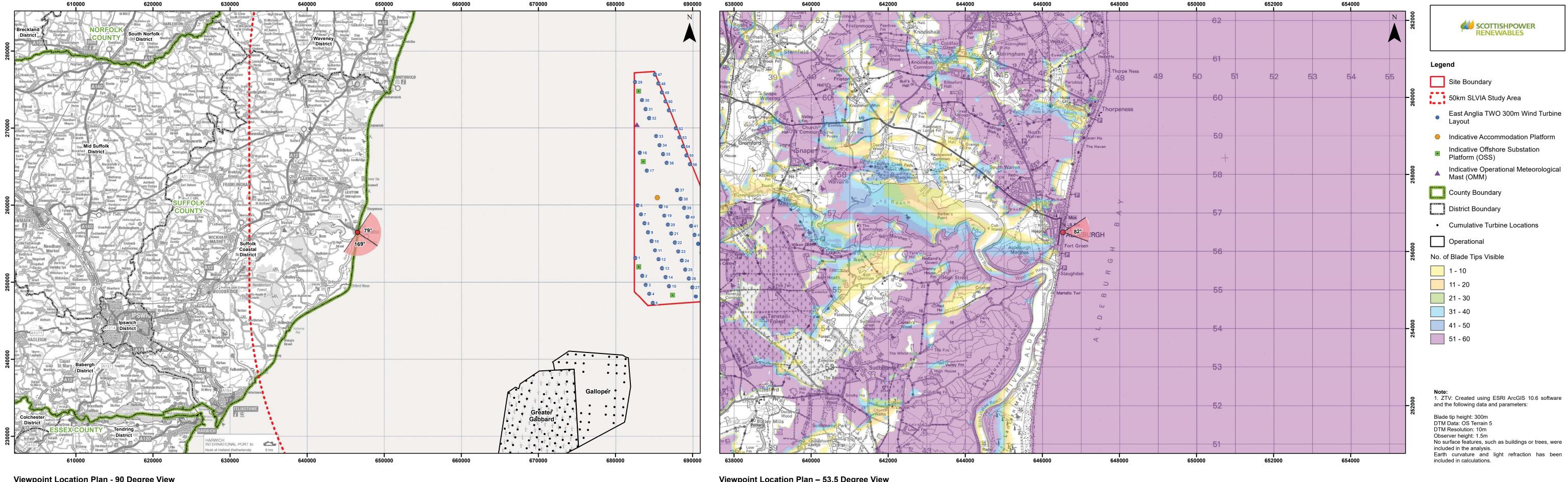
647287 E 259490 N 4.68 m AOD 86° 35.656 km

Horizontal field of view:53.5° (planar projection)Principal distance812.5 mmPaper size:841 x 297 mmCorrect printed image size:820 x 260 mm

Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 11/09/17, 13:28

Figure: 28.37e Viewpoint 12: Thorpeness



Viewpoint Location Plan - 90 Degree View Scale: 1:350,000

Viewpoint Location Plan – 53.5 Degree View Scale: 1:50,000

4	16/	/01/2019	тн	Update Document Reference			This map has been produced to the latest known information at the time of issue, and has been produced for your information only. Please consult with the SPR Offshore GIS team to ensure the content is still current before using the information	East Anglia TWO	Doc Ref	EA2-DEVWF-EN'	V-REP-IBR-000823
3	19/	/12/2018	тн	Update Layout	Prepared:	тн	To the fullest extent permitted by law, we accept no responsibility or liability (whether in contract, tor (including neglicity)) or otherwise in respect of any errors or omissions in the information contained in the map and shall not	Viewpoint: 13	Rev	4	Datum:
2	02/	/11/2018	LA	Minor Edits		SМ	The gligence is or otherwise in respect to any errors or omissions in the information contained in the map and shall not be liable for any loss, damage or expense caused by such errors or omissions. © Crown Copyright and SeaZone Solutions Limited. All rights reserved. Product Licence No. 082010.001. This product has been derived in part from material obtained from the UK Hydrographic Office with the permission of the		Date	16/01/19	
Re	v	Date	Ву	Comment	Approved:		product has been derived in part nom material obtained nom treOk hydrographic Unice with the permission or the Controller of Her Majesty's Stationery Office and UK HydrographicOffice. NOT TO BE USED FOR NAVIGATION. Contains Ordnance Survey digital data © Crown copyright, All rights reserved 2018 Licence number 0100031673.		Figure	28.38a	Zone 31N



646525 E 256500 N 5.96 m AOD 79° 36.279 km

Horizontal field of view: Principal distance

90° (cylindrical projection) 522 mm

Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 11/09/17, 13:28

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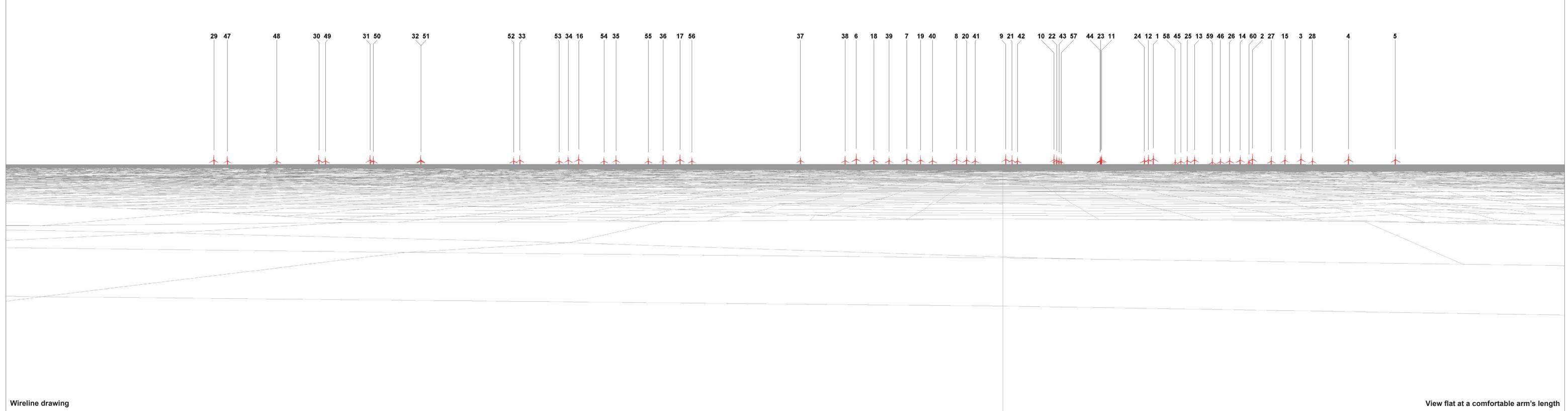
<u>AAA</u>	
	This image provides landscape and visual context only
	Galloper (31.25km) Greater Gabbard (28.67m)
*	A A AA

Figure: 28.38b Viewpoint 13: Aldeburgh

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	Galloper (31.25km) Greater Gabbard (28.67kr	n)]		
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		Galloper (31.25km) Greater Gabbard (28.67kn	aph Galloper (31.25km) Greater Gabbard (28.67km)	aph 	raph



Figure: 28.38c Viewpoint 13: Aldeburgh



646525 E 256500 N 5.96 m AOD 82° 36.279 km

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

Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m ÀGL 09/09/17, 13:24

Figure: 28.38d Viewpoint 13: Aldeburgh



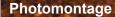
646525 E 256500 N 5.96 m AOD 82° 36.279 km

Horizontal field of view:53.5° (planar projection)Principal distance812.5 mmPaper size:841 x 297 mmCorrect printed image size:820 x 260 mm

Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 11/09/17, 13:28

Figure: 28.38e Viewpoint 13: Aldeburgh



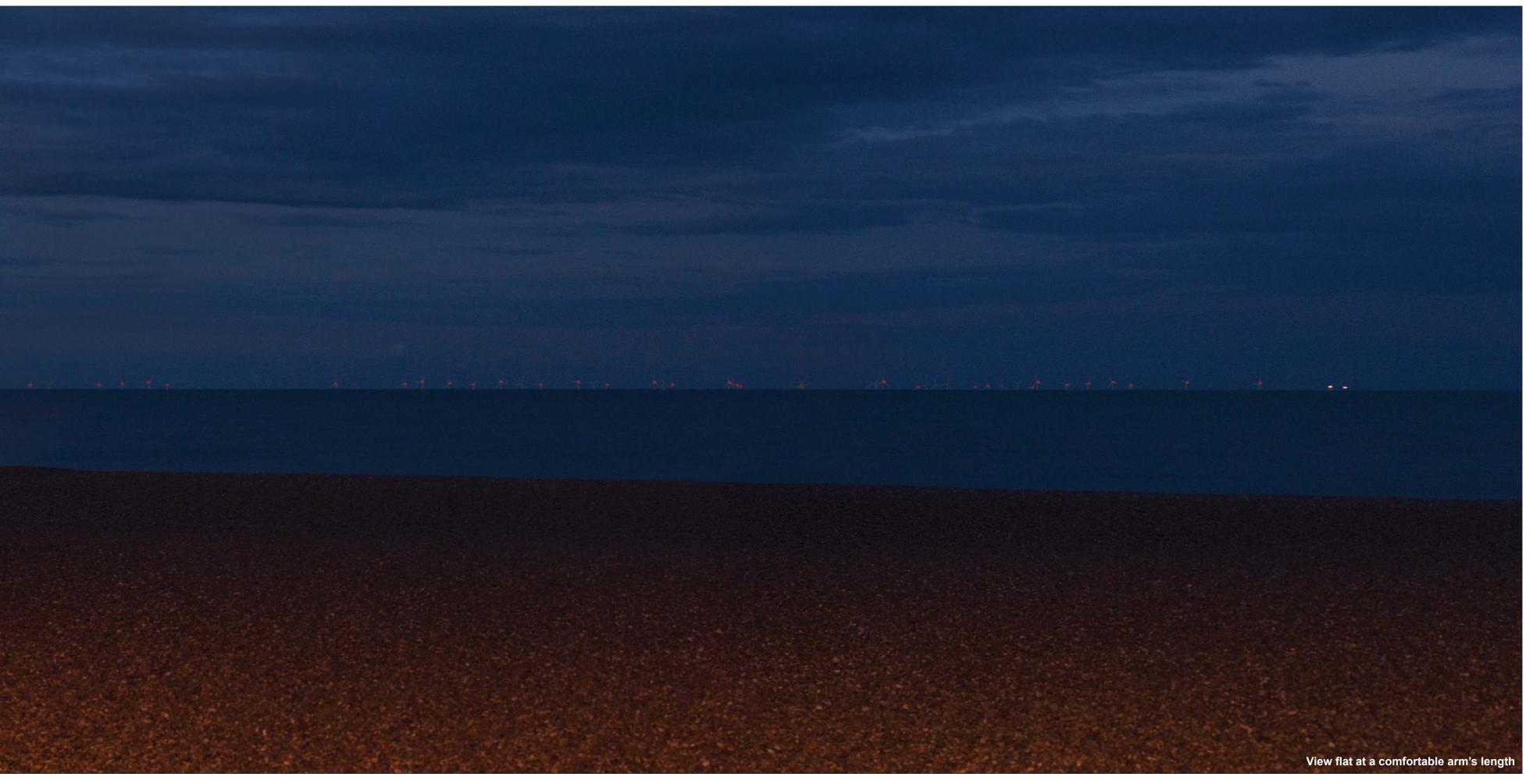
646525 E 256500 N 5.96 m AOD 82° 36.279 km

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

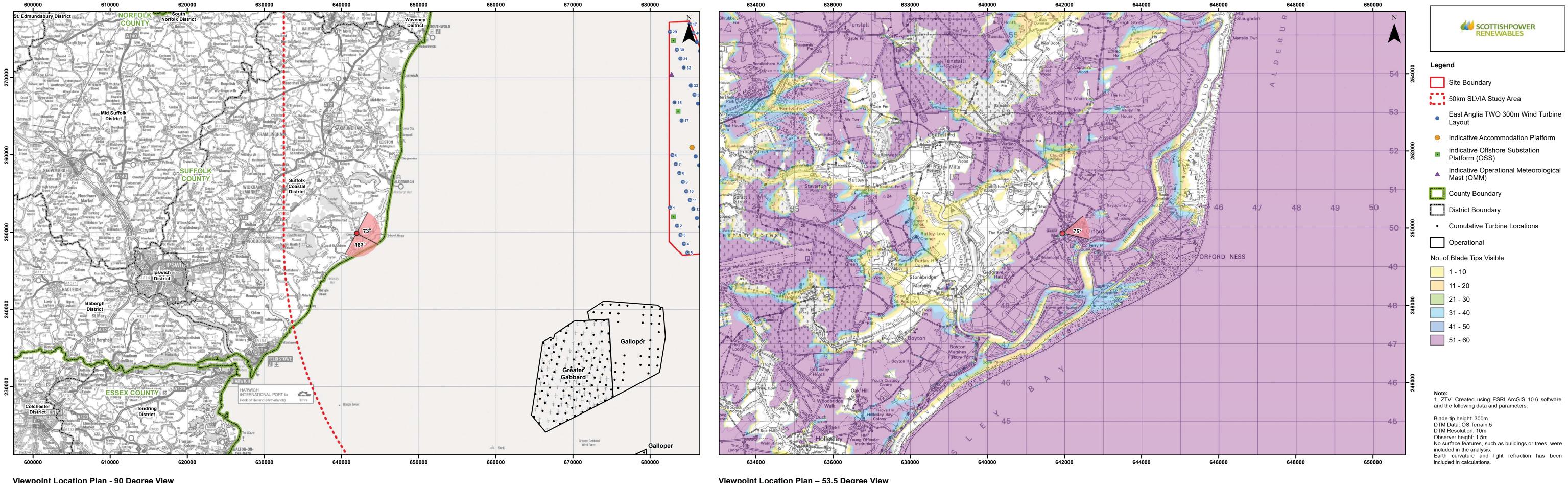
Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 14/09/17, 19:00



NOTE: In order to undertake a compliant worst case environmental impact assessment, the night time visualisations show the maximum required lighting intensity (2000cd) in excellent visibility conditions. This is considered an unrealistic worst case as turbine lighting regulations permit aviation warning lights to be dimmed to 10% of full intensity (i.e. 200cd) when visibility from every wind turbine is more than 5km, thereby reducing the lighting intensity visible from shore. It is intended that this dimming functionality would be installed (as is the case on the East Anglia ONE project). Where visibility conditions do not permit aviation warning lights to be dimmed, then it is unlikely that the actual visibility of aviation warning lighting at night time will be as shown on the visualisations due to poorer visibility conditions.

Figure: 28.38f Viewpoint 13: Aldeburgh



Viewpoint Location Plan - 90 Degree View Scale: 1:350,000

Viewpoint Location Plan – 53.5 Degree View Scale: 1:50,000

	l 16	6/01/2019	ТΗ	Update Document Reference			This map has been produced to the latest known information at the time of issue, and has been produced for your information only. Please consult with the SPR Offshore GIS team to ensure the content is still current before using the information	East Anglia TWO	Doc Ref	EA2-DEVWF-EN	V-REP-IBR-000823
	3 19	9/12/2018	тн	Update Layout	Prepared:	тн	contained on this map. To the fullest extent permitted by law, we accept no responsibility or liability (whether in contract, tort (including	0	Rev	4	Datum:
	2 02	2/11/2018	LA	Minor Edits	Checked:	SM	negligence) or otherwise in respect of any errors or omissions in the information contained in the map and shall not be liable for any loss, damage or expense caused by such errors or omissions. © Crown Copyright and SeaZone Solutions Limited. All rights reserved. Product Licence No. 082010.001. This	Orford Castle	Date	16/01/19	WGS 1984 Projection:
R	ev	Date	Ву	Comment	Approved:	LT	uct has been derived in part from material obtained from theUK Hydrographic Office with the permission of the troller of Her Majesty's Stationery Office and UK Hydrographicoffice. NOT DE EUSED FOR NAVIGATION. tains Ordnance Survey digital data © Crown copyright, All rights reserved 2018 Licence number 0100031673.		Figure	28.39a	Zone 31N



641944 E 249868 N 40.66 m AOD 73° 40.829 km

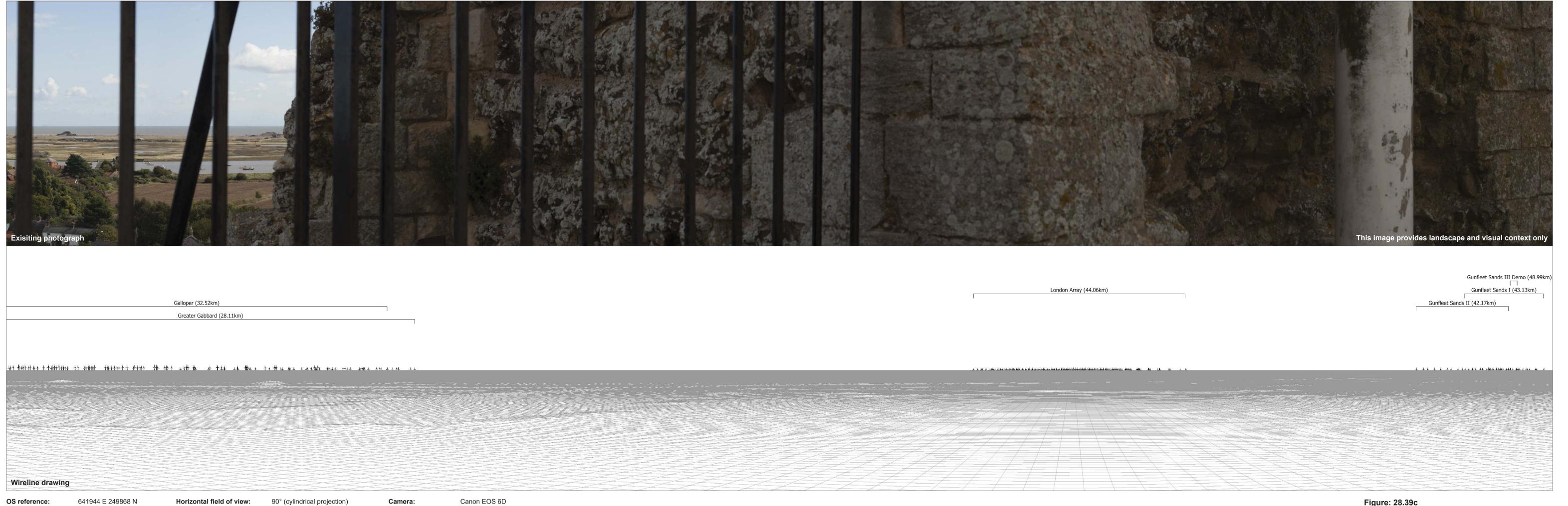
Horizontal field of view: Principal distance

90° (cylindrical projection) 522 mm

Camera: Lens: Camera height: Date and time:

Canon EOS 6D 50mm (Canon EF 50mm f/1.4) 1.5 m ÀGL 09/09/17, 12:44

Figure: 28.39b Viewpoint 14: Orford Castle



Eye level: Direction of view: Nearest turbine:

40.66 m AOD 163° 40.829 km

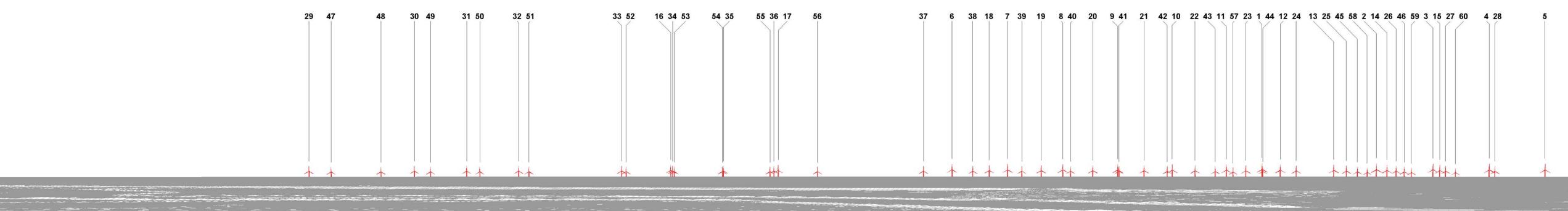
Principal distance

522 mm

Lens: Camera height: Date and time:

50mm (Canon EF 50mm f/1.4) 1.5 m AGL 09/09/17, 12:44

Figure: 28.39c Viewpoint 14: Orford Castle



Wireline drawing

OS reference: Eye level: Direction of view: Nearest turbine:

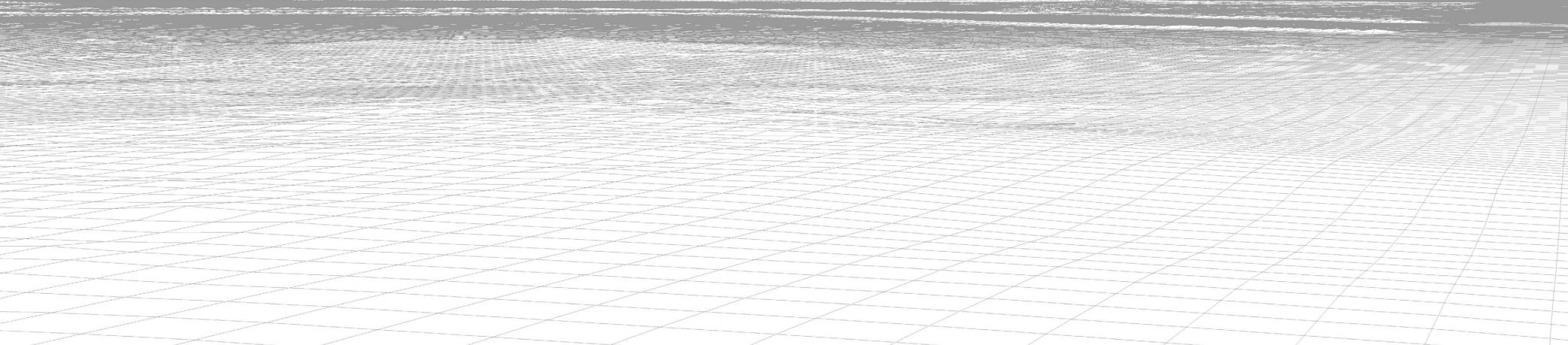
641944 E 249868 N 40.66 m AOD 75° 40.829 km

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

Camera: Lens: Camera height: Date and time:

Canon EOS 6D 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 09/09/17, 12:44



View flat at a comfortable arm's length

Figure: 28.39d Viewpoint 14: Orford Castle

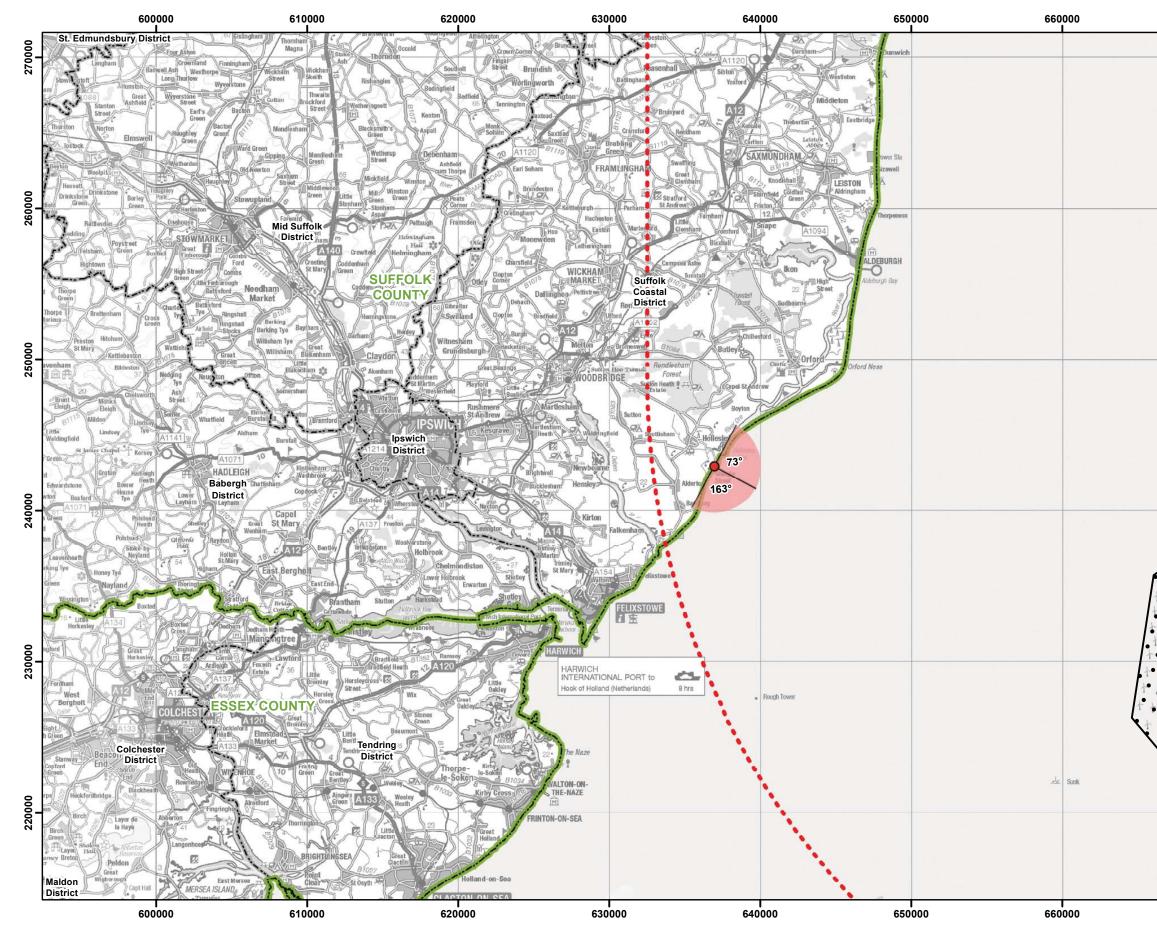


641944 E 249868 N 40.66 m AOD 75° 40.829 km

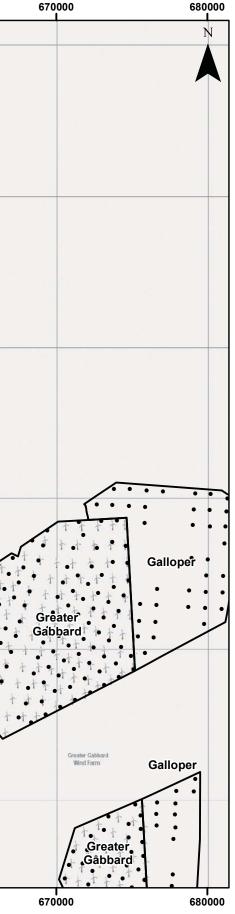
Horizontal field of view:53.5° (planar projection)Principal distance812.5 mmPaper size:841 x 297 mmCorrect printed image size:820 x 260 mm

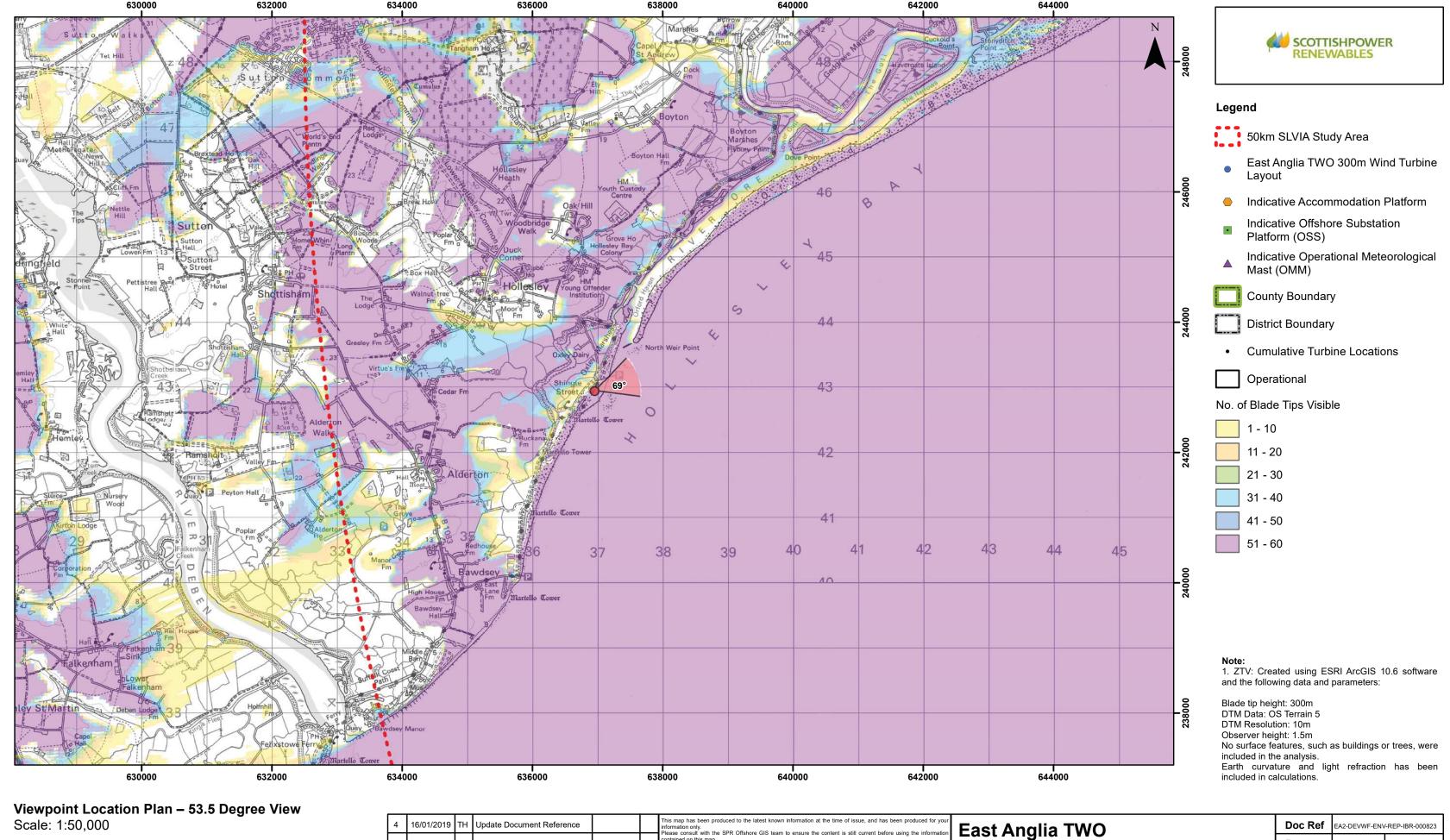
Camera: Lens: Camera height: Date and time: Canon EOS 6D 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 09/09/17, 12:44

Figure: 28.39e Viewpoint 14: Orford Castle



Viewpoint Location Plan - 90 Degree View Scale: 1:350,000





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4	16/01/2019	ΤН	Update Document Reference			This map has been produced to the latest known information information only. Please consult with the SPR Offshore GIS team to ensure the

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Rev

Date

Figure

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28.40a

Datum: WGS 1984

16/01/19 Projection: Zone 31N

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Wireline drawing			

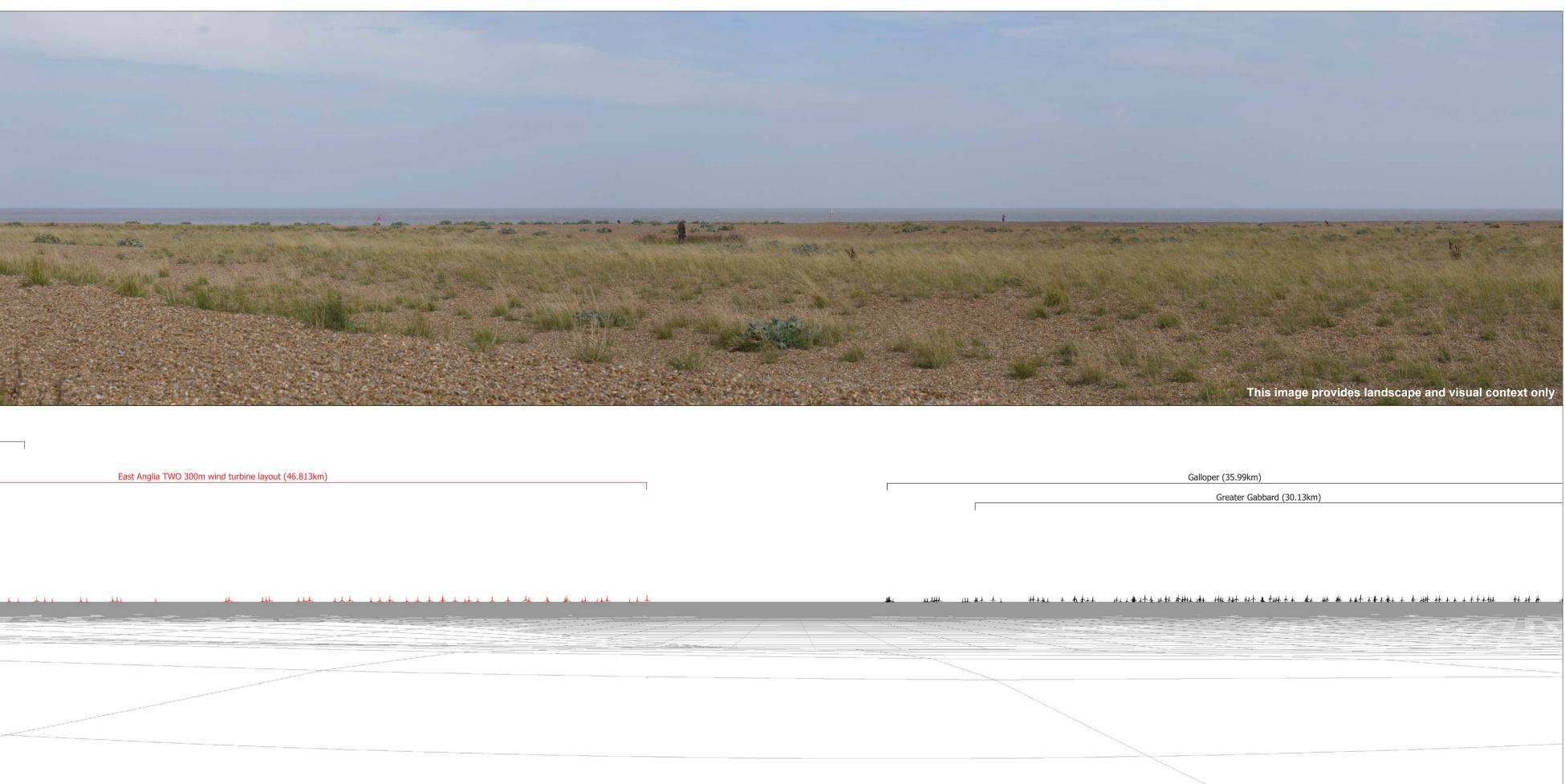


Figure: 28.40b Viewpoint 15: Shingle Street

Baseline photograph	
Galloper (35.99km) Greater Gabbard (30.13km)	
t de de la companya de	
Wireline drawing	

636947 E 242943 N 5.7 m AOD 163° 46.813 km

Horizontal field of view: Principal distance

90° (cylindrical projection) 522 mm

Camera: Lens: Camera height: Date and time: Canon EOS 6D 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 22/08/17, 15:55

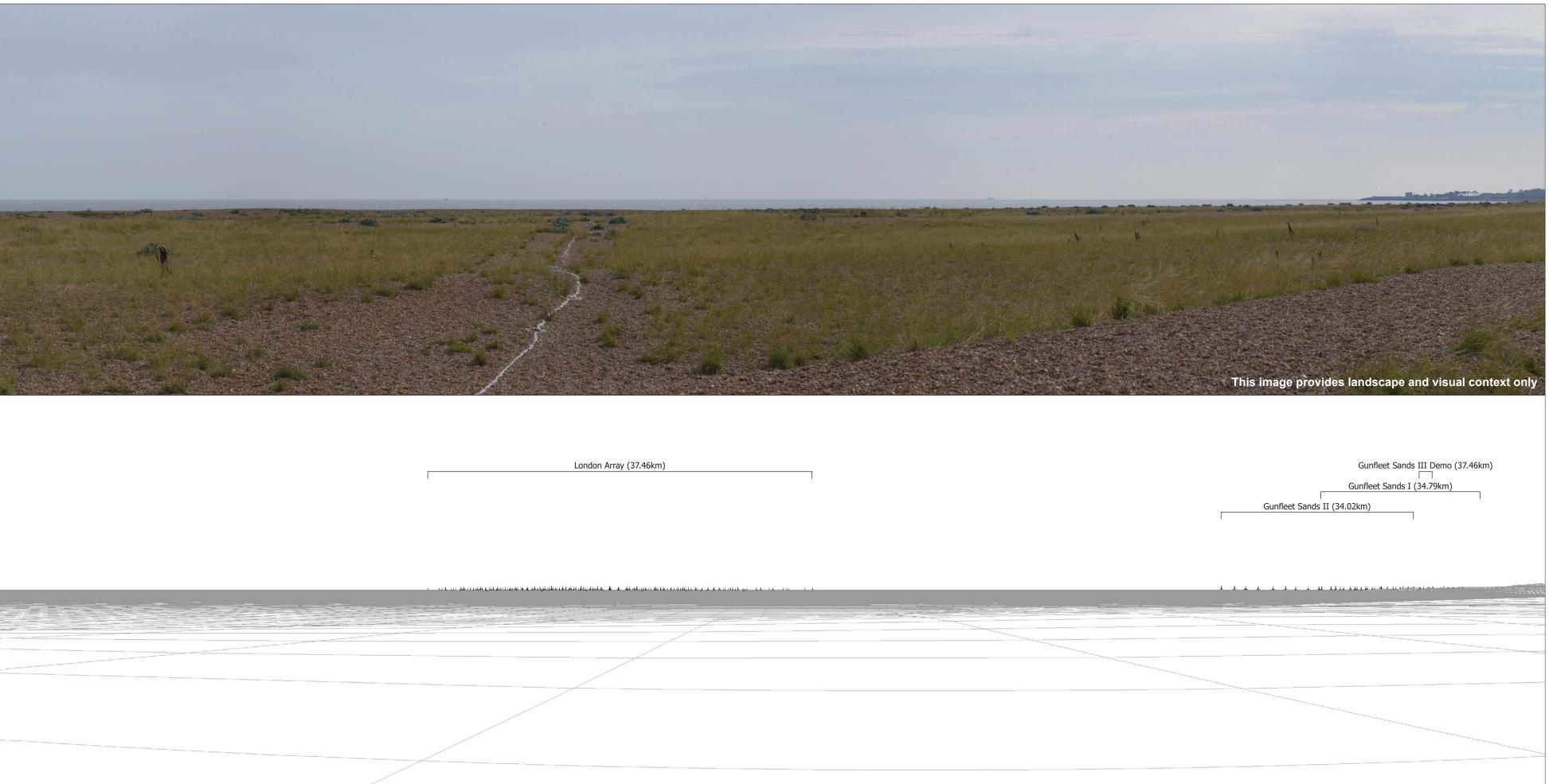


Figure: 28.40c Viewpoint 15: Shingle Street

		29	47 48 30	49 31 50 32 51	3
Wireline drawing					
OS reference: 636947 E 242943 N Eye level: 5.7 m AOD Direction of view: 69°	Horizontal field of view: Principal distance Paper size:	53.5° (planar projection) 812.5 mm 841 x 297 mm	Camera: Lens: Camera height:	Canon EOS 6D 50mm (Canon EF 50mm f/ 1.5 m AGL	1.4)
Nearest turbine: 46.813 km	Correct printed image size:	820 x 260 mm	Date and time:	22/08/17, 15:55	

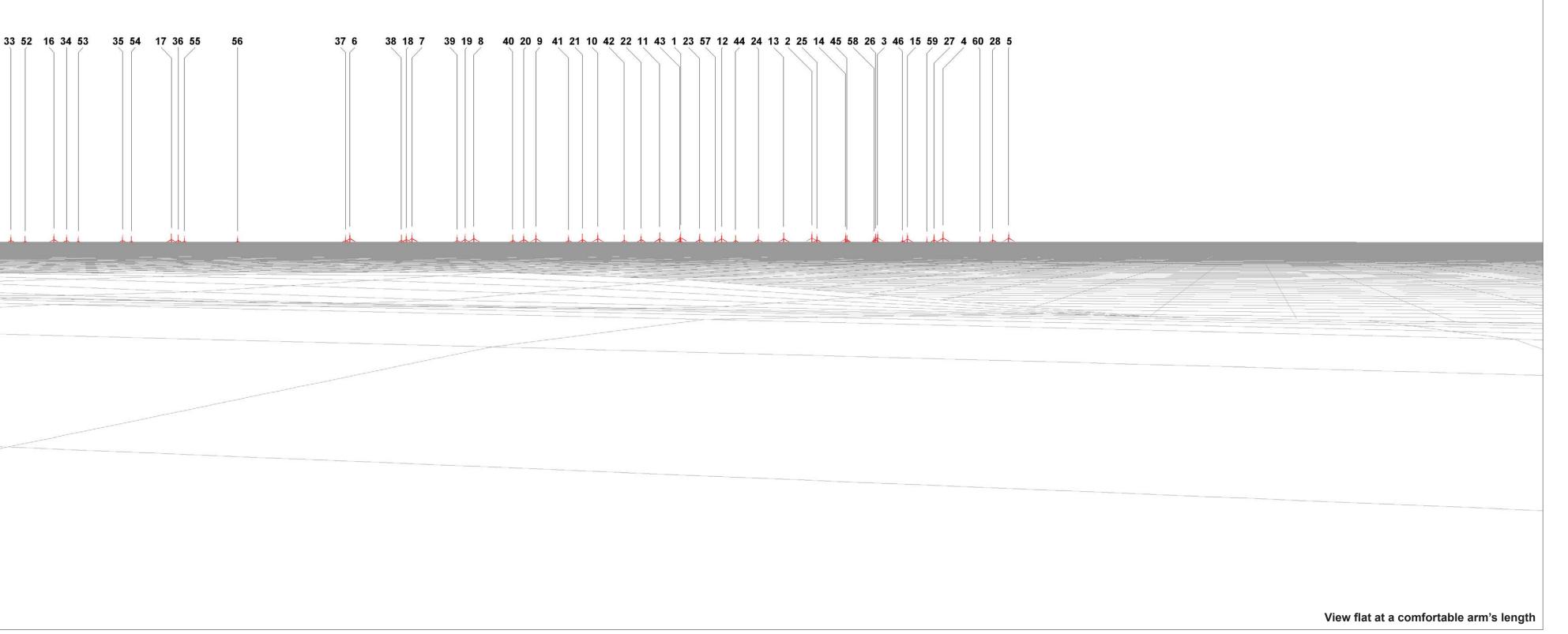


Figure: 28.40d Viewpoint 15: Shingle Street

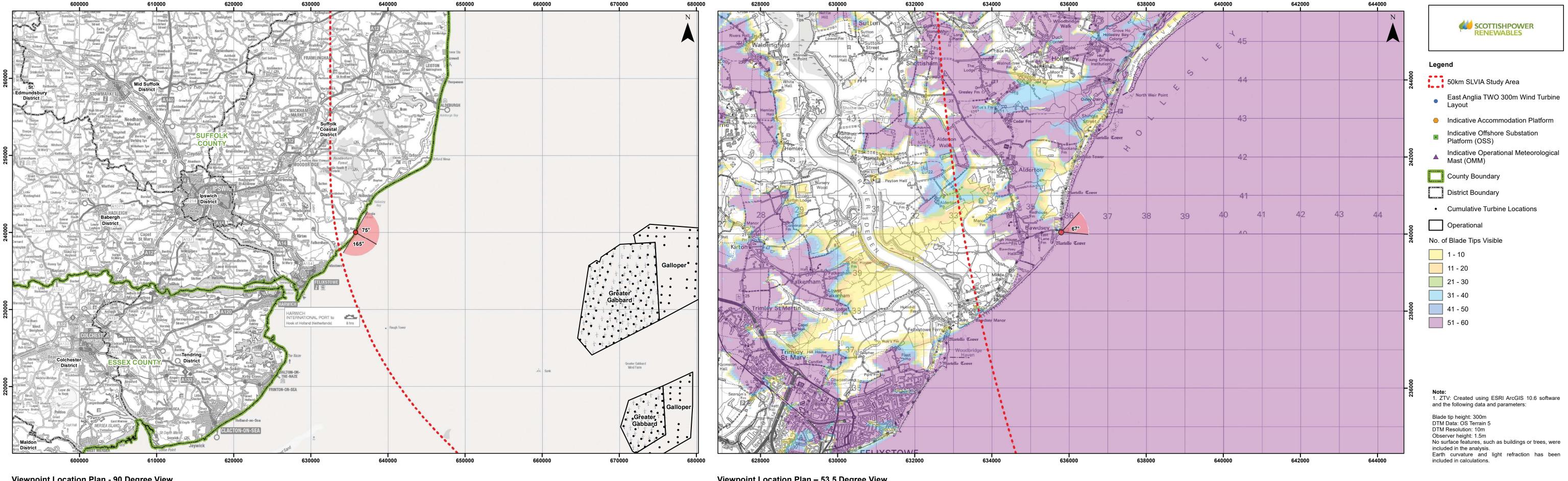


636947 E 242943 N 5.7 m AOD 69° 46.813 km

Horizontal field of view:53.5° (planar projection)Principal distance812.5 mmPaper size:841 x 297 mmCorrect printed image size:820 x 260 mm

Camera: Lens: Camera height: Date and time:

Canon EOS 6D 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 22/08/17, 15:55



Viewpoint Location Plan - 90 Degree View Scale: 1:350,000

Viewpoint Location Plan – 53.5 Degree View Scale: 1:50,000

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2	02	/11/2018	LA	Minor Edits	Checked:	SM			Date	16/01/19	
Re	v	Date	Ву	Comment	Approved:	LT			Figure	28.41a	Zone 31N

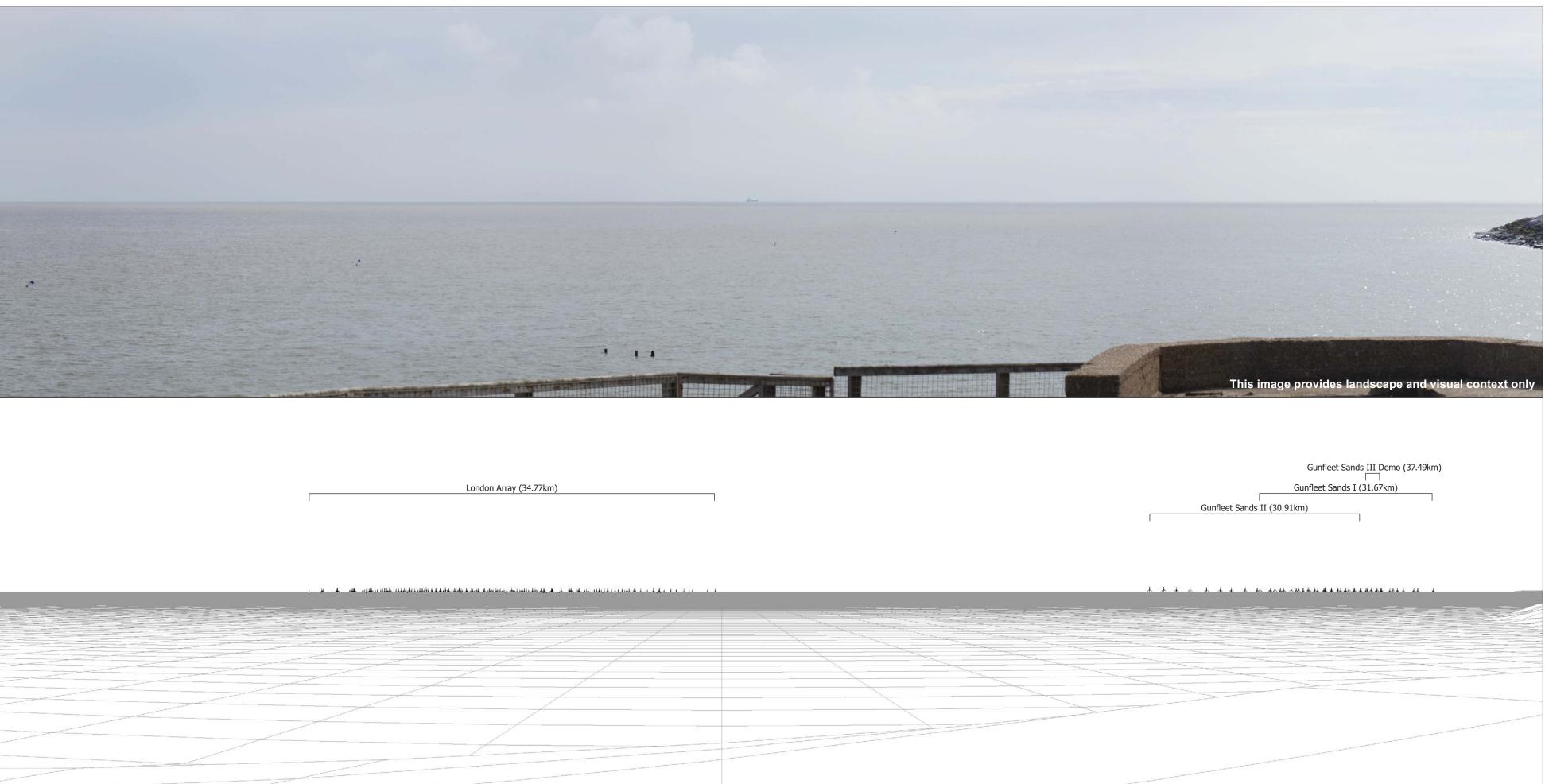


Date and time:

Nearest turbine:

48.640 km

Wireline drawing				
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	abbard (30.71km)			
Galloper (3	36.99km)			
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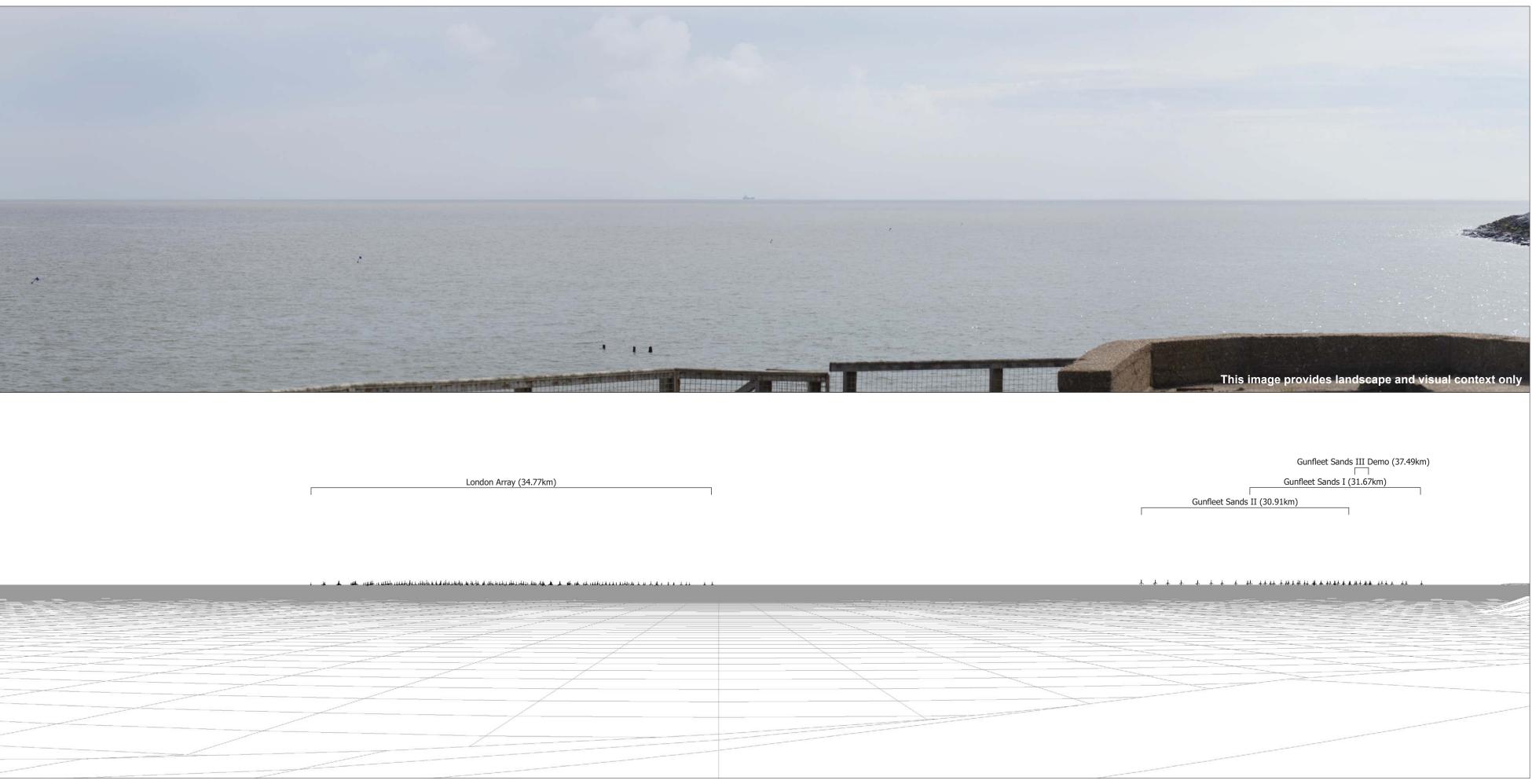
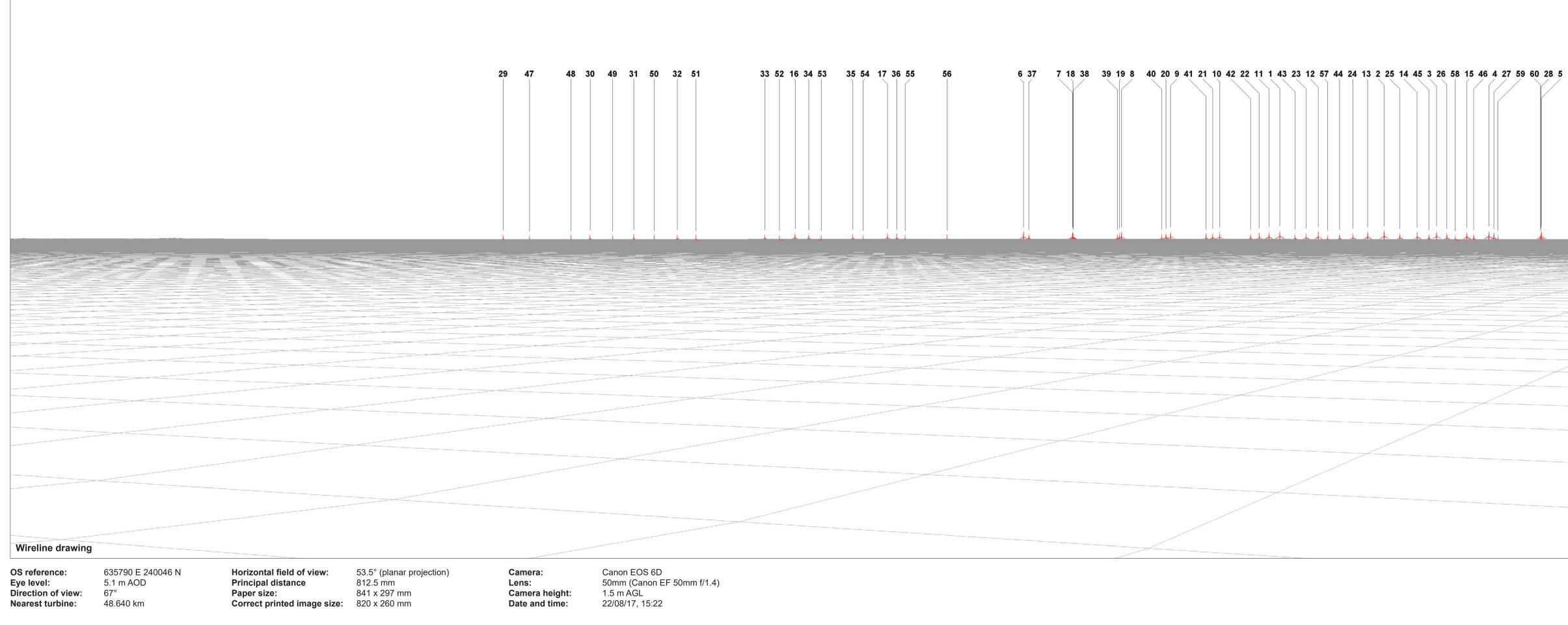


Figure: 28.41c Viewpoint 16: Bawdsey



View flat at a comfortable arm's length

Figure: 28.41d Viewpoint 16: Bawdsey



635790 E 240046 N 5.1 m AOD 67° 48.640 km

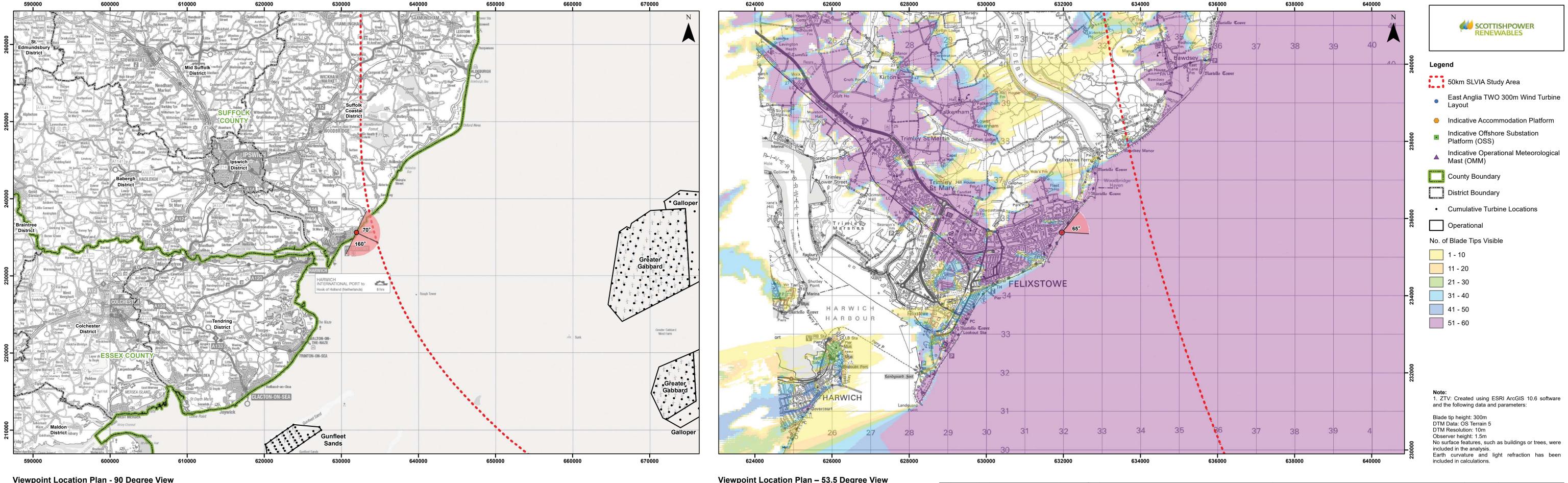
Horizontal field of view:53.5° (planar projection)Principal distance812.5 mmPaper size:841 x 297 mmCorrect printed image size:820 x 260 mm

Camera: Lens: Camera height: Date and time:

Canon EOS 6D 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 22/08/17, 15:22

View flat at a comfortable arm's length

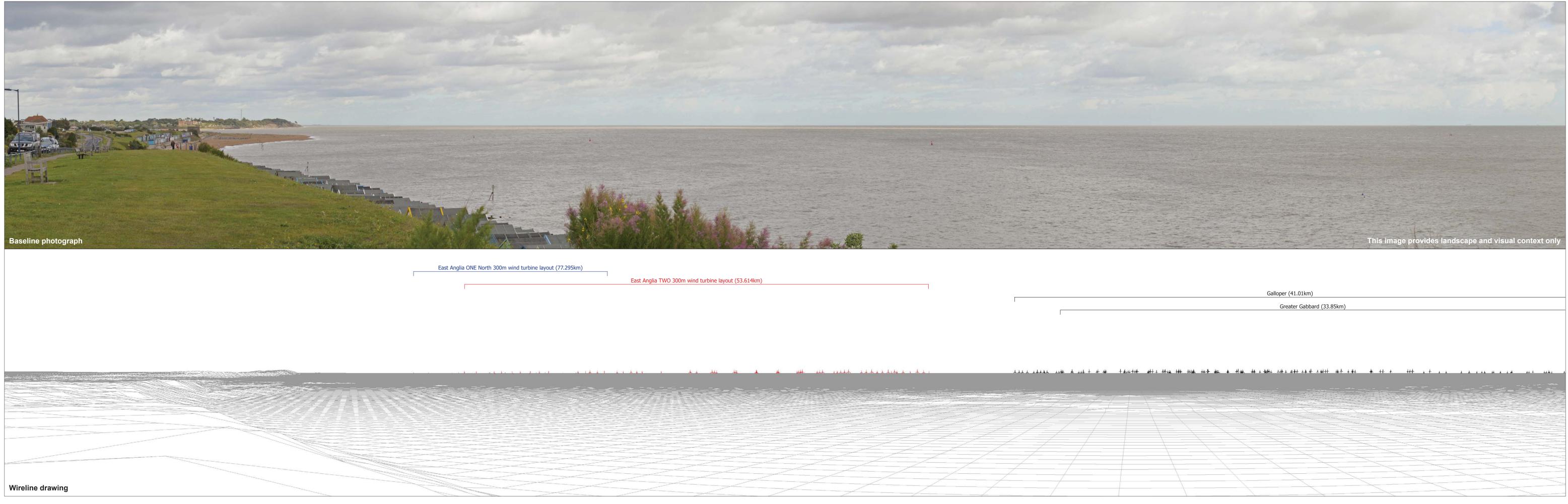
Figure: 28.41e Viewpoint 16: Bawdsey



Viewpoint Location Plan - 90 Degree View Scale: 1:350,000

Viewpoint Location Plan – 53.5 Degree View Scale: 1:50,000

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3	19/12/201	8 TH	Update Layout	Prepared:	тн			Rev	4	Datum:
2	02/11/201	8 LA	Minor Edits	Checked:	SM			Date	16/01/19	WGS 1984 Projection:
Rev	Date	Ву	Comment	Approved:	LT			Figure	28.42a	Zone 31N



631955 E 235638 N 14.1 m AOD 70° 53.614 km

Horizontal field of view: Principal distance

90° (cylindrical projection) 522 mm

Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m ÀGL 11/09/17, 12:26

Figure: 28.42b Viewpoint 17: Old Felixstowe



631955 E 235638 N 14.1 m AOD 160° 53.614 km

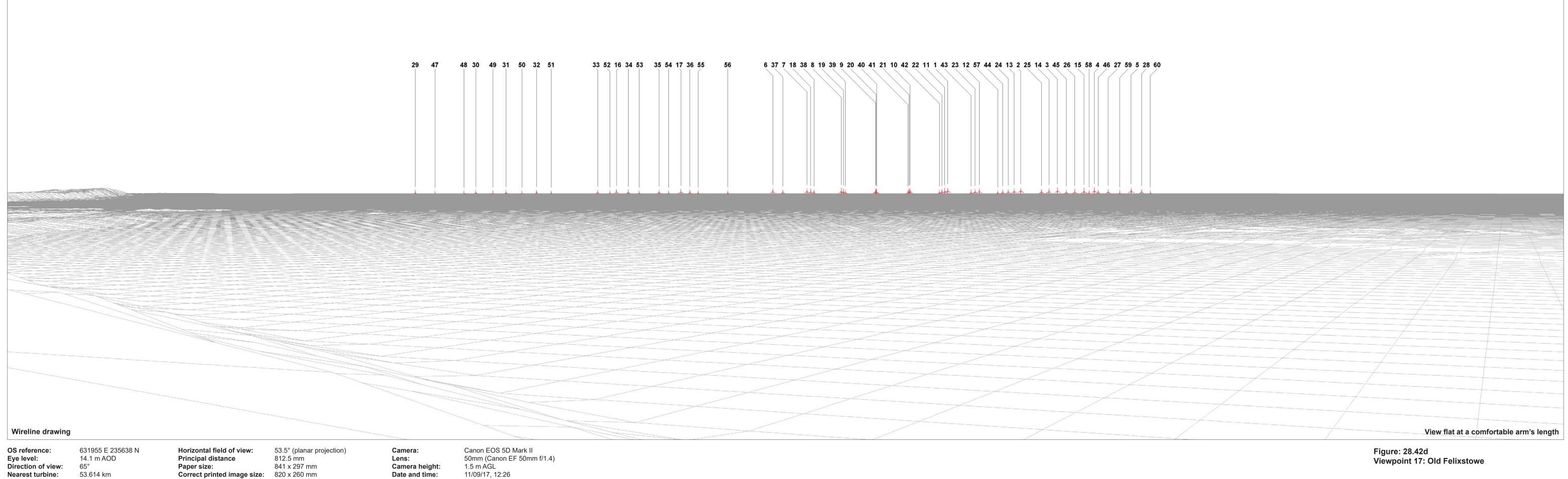
Horizontal field of view: Principal distance

90° (cylindrical projection) 522 mm

Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m ÀGL 11/09/17, 12:26

Figure: 28.42c Viewpoint 17: Old Felixstowe





631955 E 235638 N 14.1 m AOD 65° 53.614 km

Horizontal field of view:53.5° (planar projection)Principal distance812.5 mmPaper size:841 x 297 mmCorrect printed image size:820 x 260 mm

Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 11/09/17, 12:26

Figure: 28.42e Viewpoint 17: Old Felixstowe



631955 E 235638 N 14.1 m AOD 65° 53.614 km

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

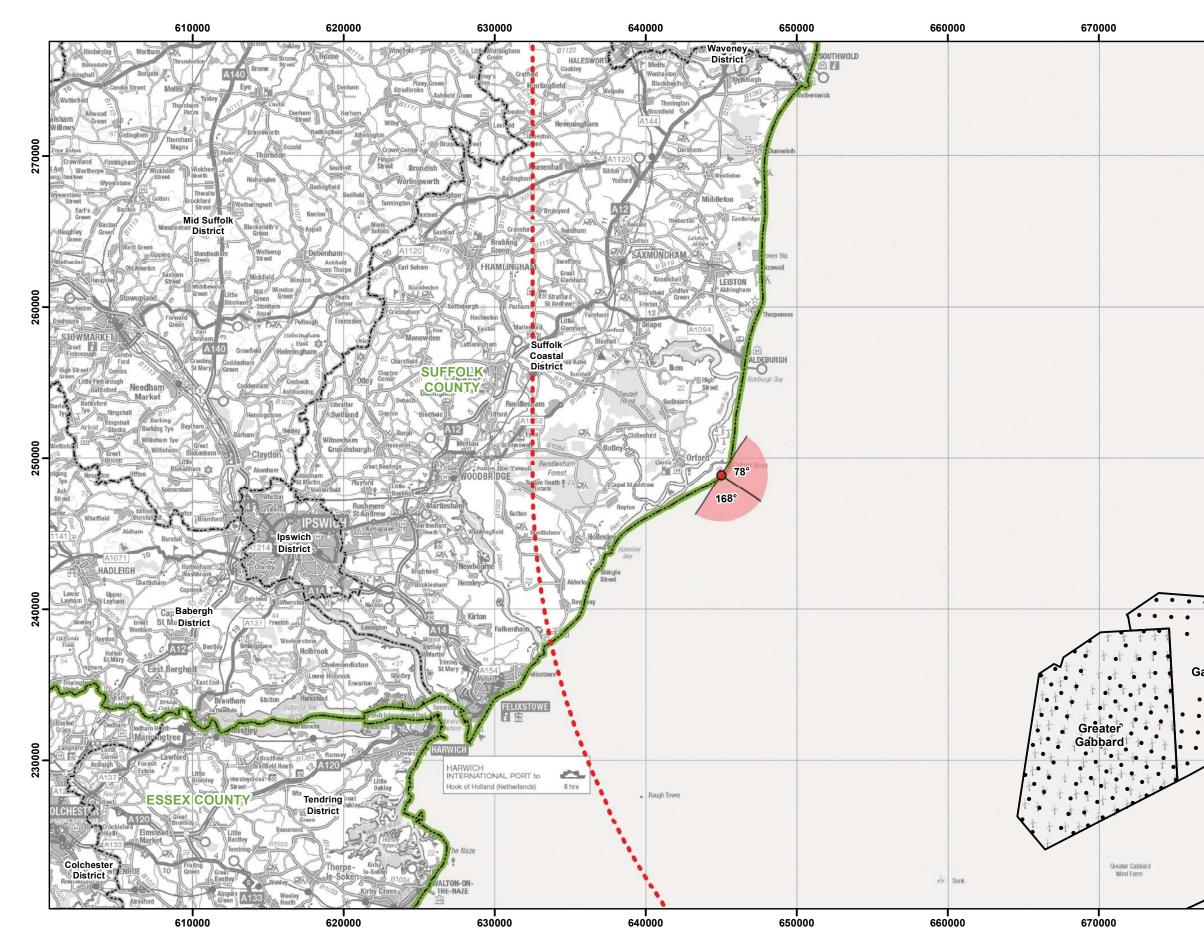
Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 11/09/17, 12:26

NOTE: In order to undertake a compliant worst case environmental impact assessment, the night time visualisations show the maximum required lighting intensity (2000cd) in excellent visibility conditions. This is considered an unrealistic worst case as turbine lighting regulations permit aviation warning lights to be dimmed to 10% of full intensity (i.e. 200cd) when visibility from every wind turbine is more than 5km, thereby reducing the lighting intensity visible from shore. It is intended that this dimming functionality would be installed (as is the case on the East Anglia ONE project). Where visibility conditions do not permit aviation warning lights to be dimmed, then it is unlikely that the actual visibility of aviation warning lighting at night time will be as shown on the visualisations due to poorer visibility conditions.

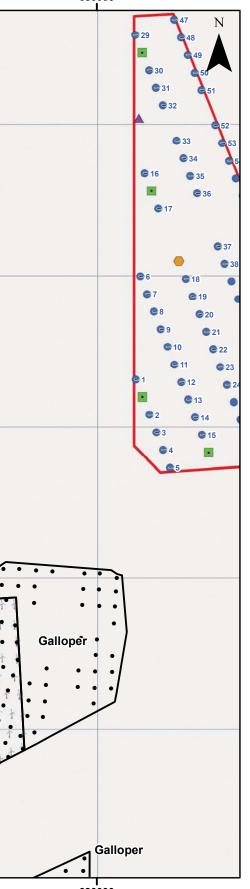
View flat at a comfortable arm's length

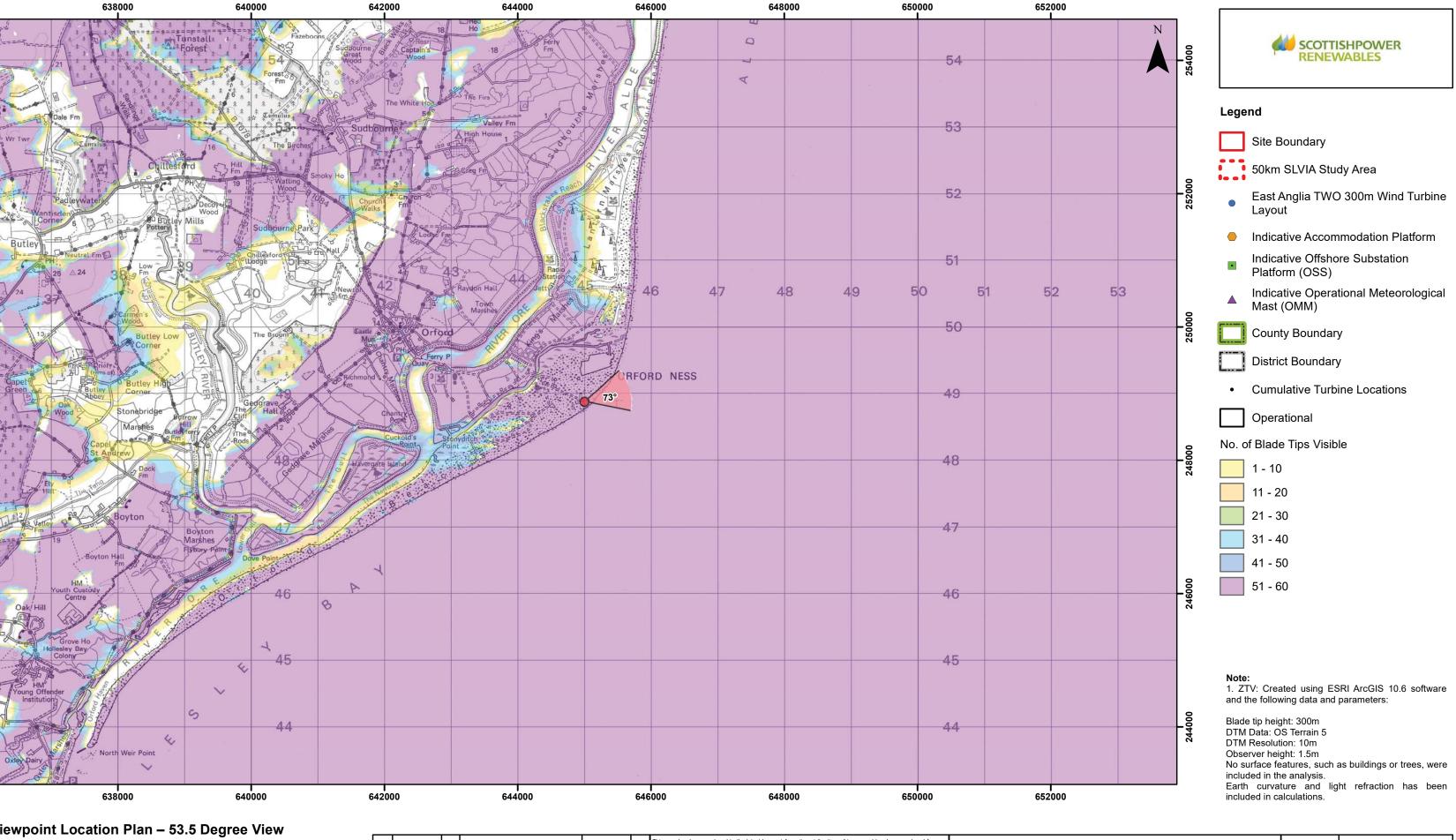
Figure: 28.42f Viewpoint 17: Old Felixstowe



Viewpoint Location Plan - 90 Degree View Scale: 1:350,000

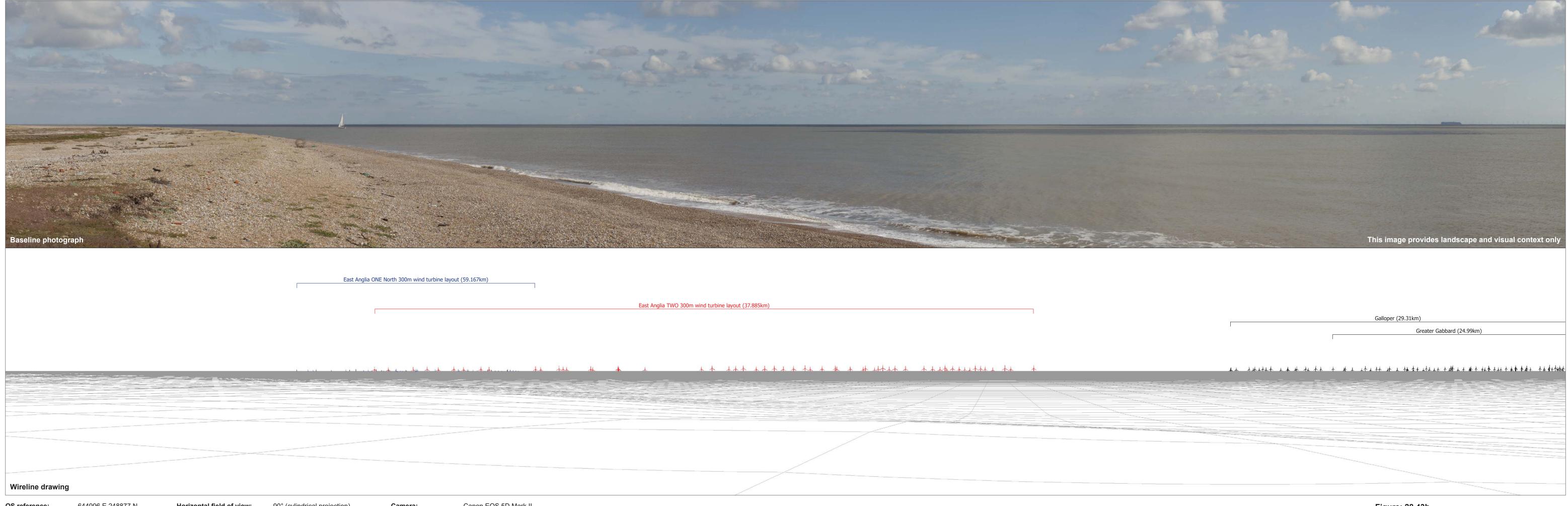






Viewpoint Location Plan – 53.5 Degree View Scale: 1:50,000

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3	19/	12/2018	тн	Update Layout	Prepared:	тн			Rev	4	Datum:
2	02/	'11/2018	LA	Minor Edits	Checked:	SM			Date	16/01/19	
Re	ev	Date	Ву	Comment	Approved:	LT			Figure	28.43a	Zone 31N



OS reference:
Eye level:
Direction of view
Nearest turbine:

644996 E 248877 N 5.8 m AOD 78° 37.885 km

Horizontal field of view: Principal distance

90° (cylindrical projection) 522 mm

Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m ÀGL 15/09/17, 11:40

Figure: 28.43b Viewpoint 18: Orfordness (eastern shore, pagodas)

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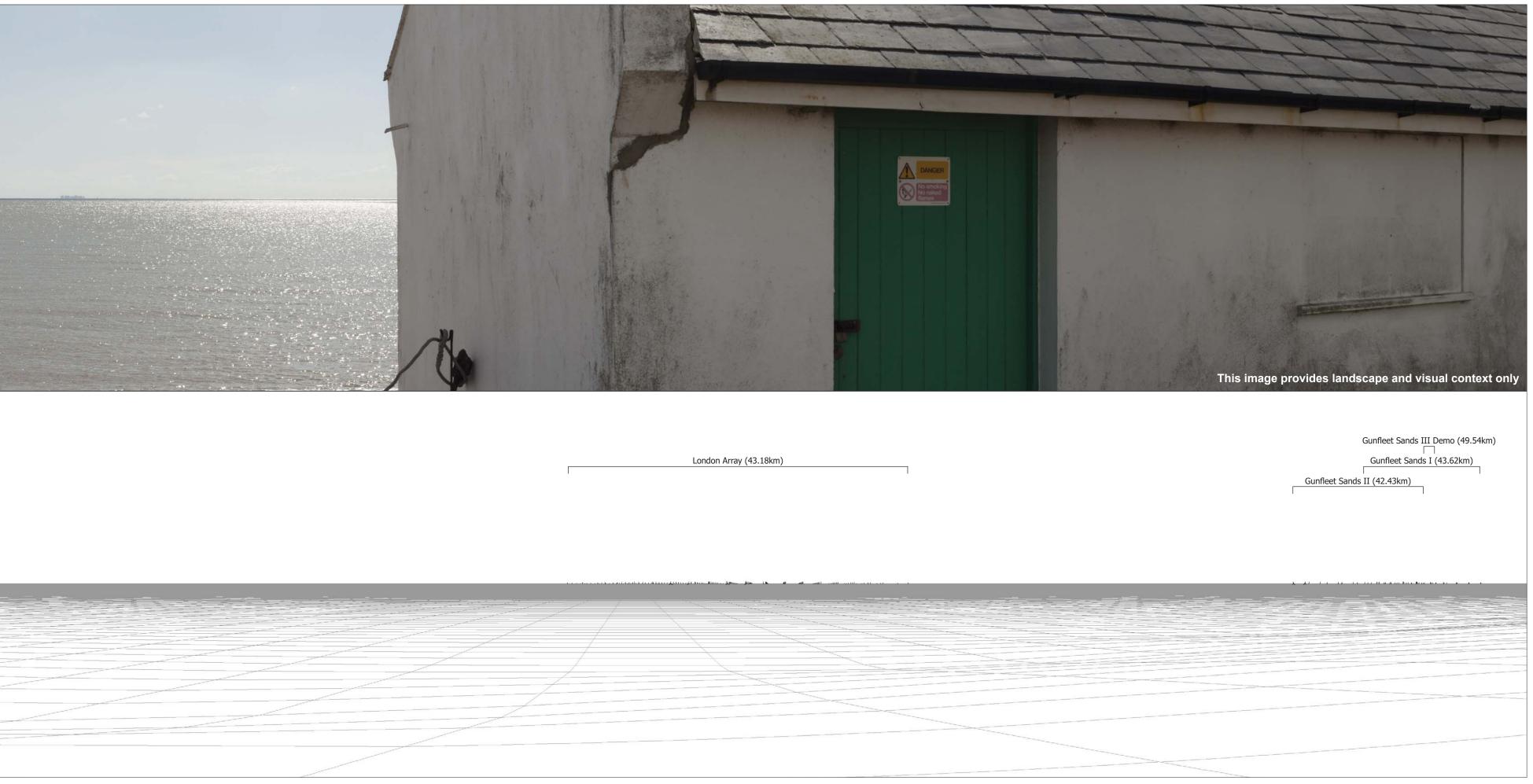
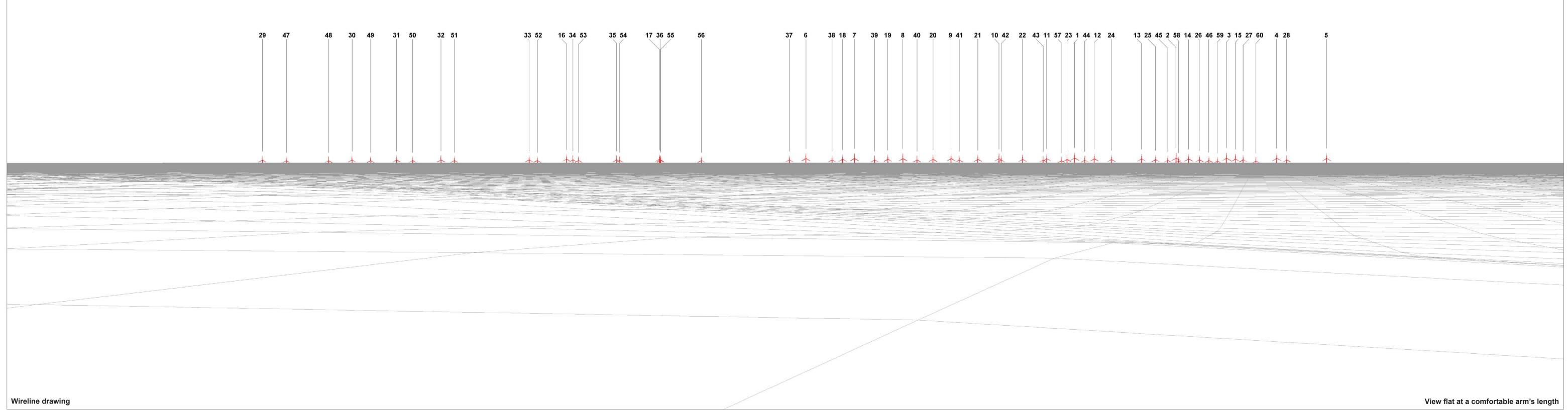


Figure: 28.43c Viewpoint 18: Orfordness (eastern shore, pagodas)



644996 E 248877 N 5.8 m AOD 37.885 km

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

Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m ÀGL 15/09/17, 11:40

Figure: 28.43d Viewpoint 18: Orfordness (eastern shore, pagodas)

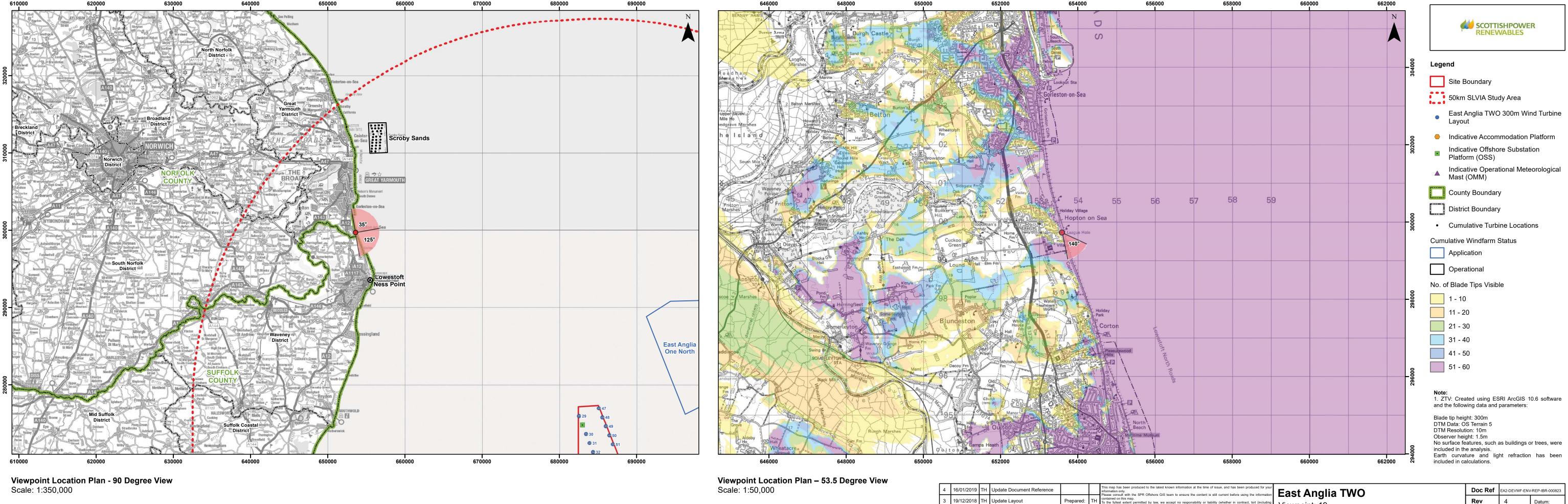


644996 E 248877 N 5.8 m AOD 73° 37.885 km

Horizontal field of view:53.5° (planar projection)Principal distance812.5 mmPaper size:841 x 297 mmCorrect printed image size:820 x 260 mm

Camera: Lens: Camera height: Date and time: Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 15/09/17, 11:40

Figure: 28.43e Viewpoint 18: Orfordness (eastern shore, pagodas)



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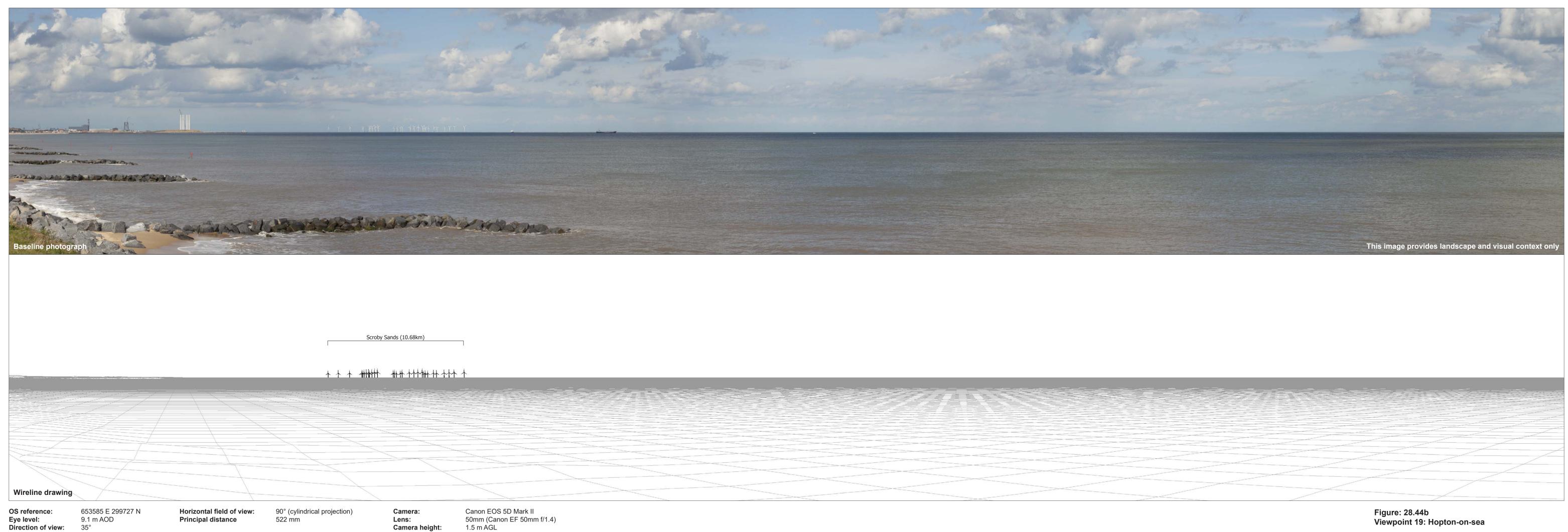
WGS 1984

16/01/19 Projection: Zone 31N

28.44a

Date

Figure

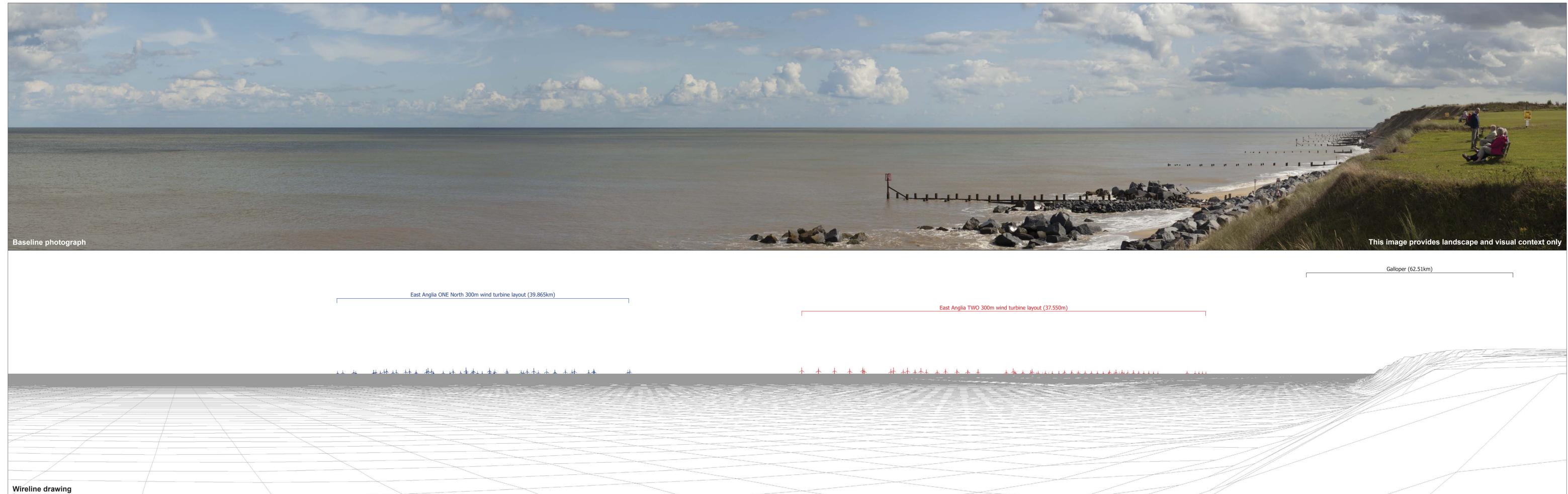


12/09/17 13:53

Date and time:

37.550 km

Nearest turbine:



OS reference: Eye level: Direction of view:	653585 E 299727 N 9.1 m AOD 125°	Horizontal field of view: Principal distance	90° (cylindrical projection) 522 mm	Camera: Lens: Camera height:	Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL	
Wireline drawing						

12/09/17 13:53

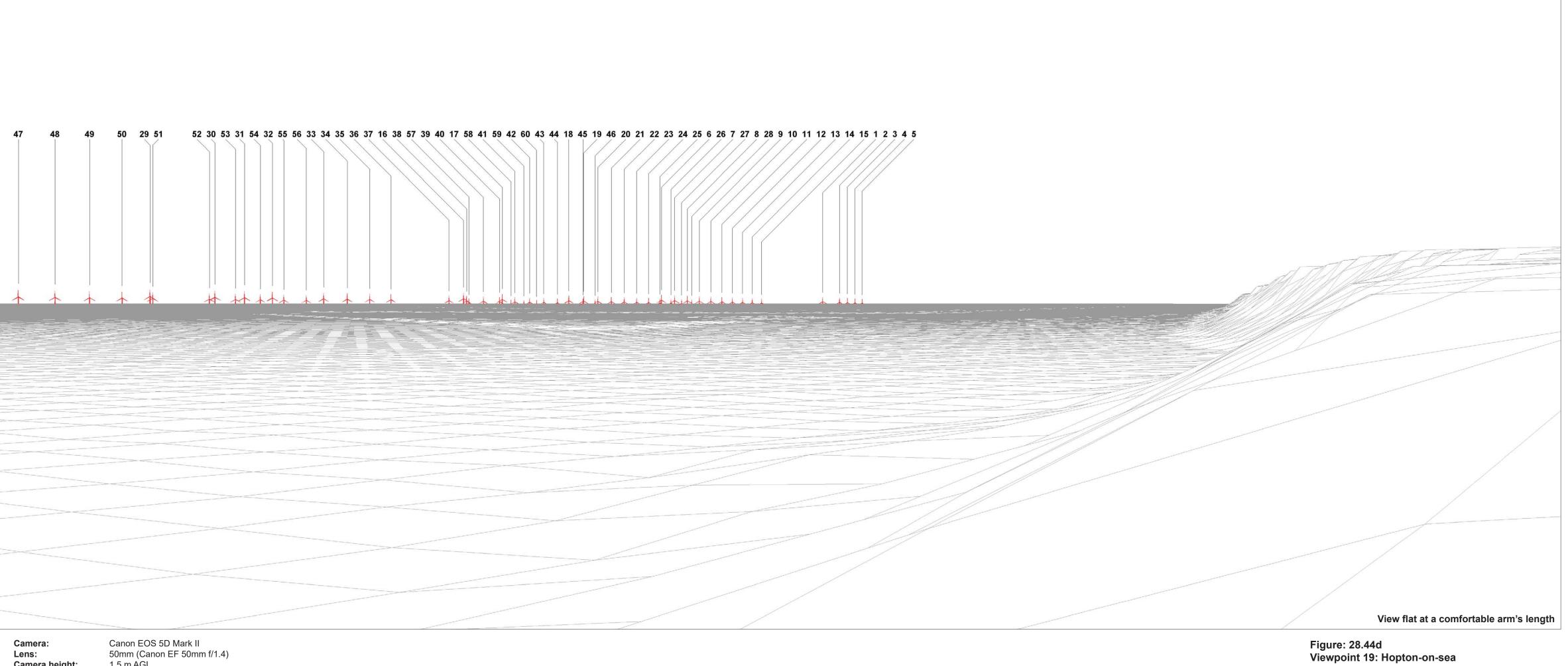
Date and time:

37.550 km

Nearest turbine:

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Figure: 28.44c Viewpoint 19: Hopton-on-sea



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Wireline drawing		

653585 E 299727 N 9.1 m AOD 140° 37.550 km

Horizontal field of view: Principal distance Paper size:841 x 297 mmCorrect printed image size:820 x 260 mm

53.5° (planar projection) 812.5 mm

Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m ÀGL 12/09/17 13:53

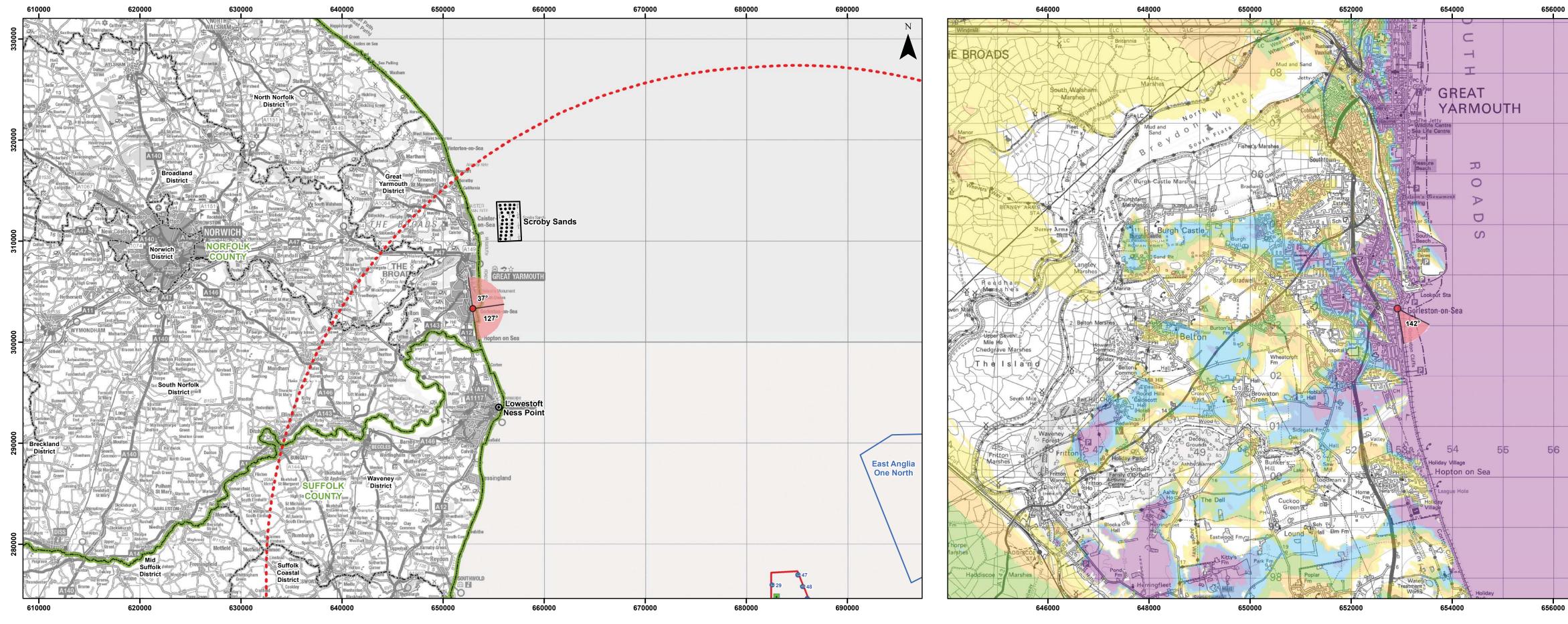


653585 E 299727 N 9.1 m AOD 140° 37.550 km

Horizontal field of view:53.5° (planar projection)Principal distance812.5 mmPaper size:841 x 297 mmCorrect printed image size:820 x 260 mm

Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 12/09/17 13:53



Viewpoint Location Plan - 90 Degree View Scale: 1:350,000

Viewpoint Location Plan – 53.5 Degree View Scale: 1:50,000

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4	16/01/2019	тн	Update Document Reference			This map has been produced to the latest known information a information only. Please consult with the SPR Offshore GIS team to ensure the

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						308	Legend
							Site Boundary
							50km SLVIA Study Area
						306000	 East Anglia TWO 300m Wind Turbine Layout
						306	Indicative Accommodation Platform
							 Indicative Offshore Substation Platform (OSS)
							 Indicative Operational Meteorological Mast (OMM)
						8	County Boundary
						304000	District Boundary
							Cumulative Turbine Locations
							Cumulative Windfarm Status
							Application
							Operational
						302000	No. of Blade Tips Visible
							1 - 10
							11 - 20
							21 - 30
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						8	41 - 50
						30000	51 - 60
							Note: 1. ZTV: Created using ESRI ArcGIS 10.6 software and the following data and parameters:
							Blade tip height: 300m
						8	DTM Data: OS Terrain 5 DTM Resolution: 10m Observer height: 1.5m
						298000	No surface features, such as buildings or trees, were included in the analysis. Earth curvature and light refraction has been
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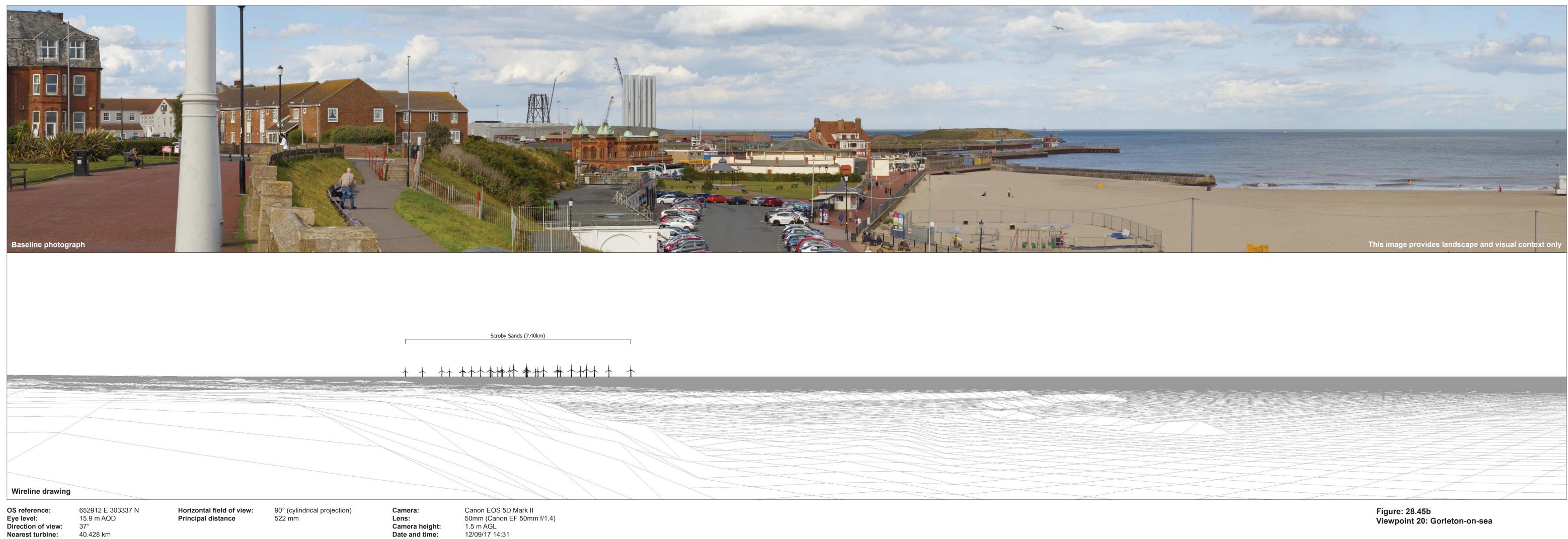
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 Datum:
 WGS 1984

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 Dorleston-on-sea
 T6/01/19
 Projection: Zone 31N

 Figure
 28.45a
 Figure
 28.45a
 Cone 31N







Wireline drawing

OS reference: Eye level: Direction of view: Nearest turbine:

652912 E 303337 N 15.9 m AOD 127° 40.428 km

Horizontal field of view: Principal distance

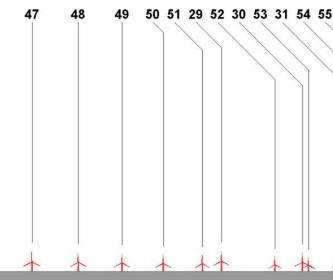
90° (cylindrical projection) 522 mm

Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 12/09/17 14:31

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Figure: 28.45c Viewpoint 20: Gorleton-on-sea



Wireline drawing

OS reference: Eye level: Direction of view: 142° Nearest turbine:

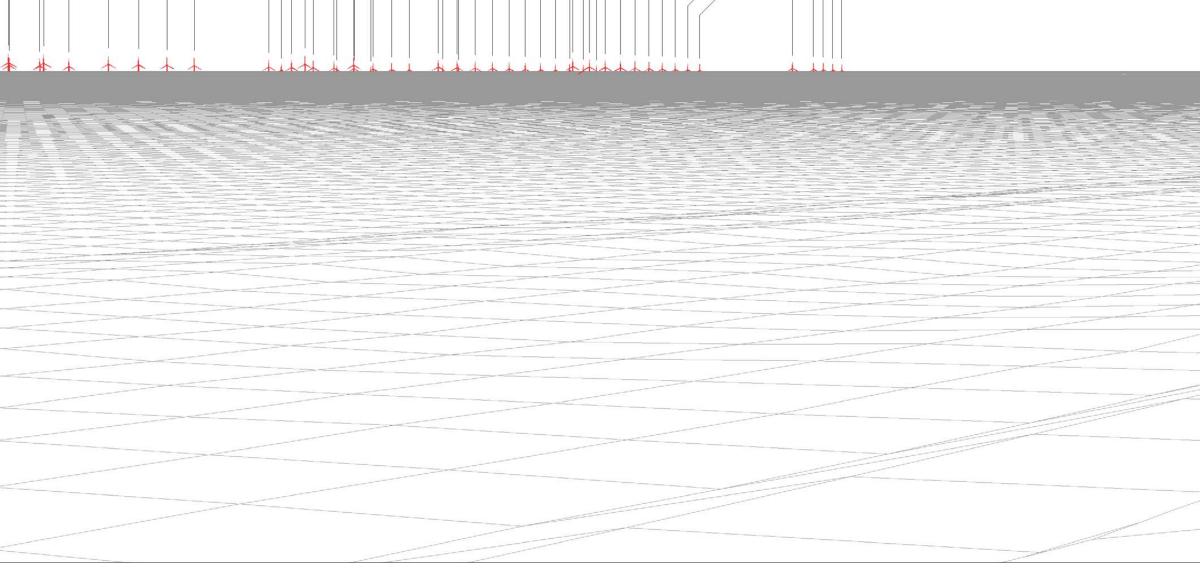
652912 E 303337 N 15.9 m AOD 40.428 km

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

Camera: Lens: Camera height: Date and time:

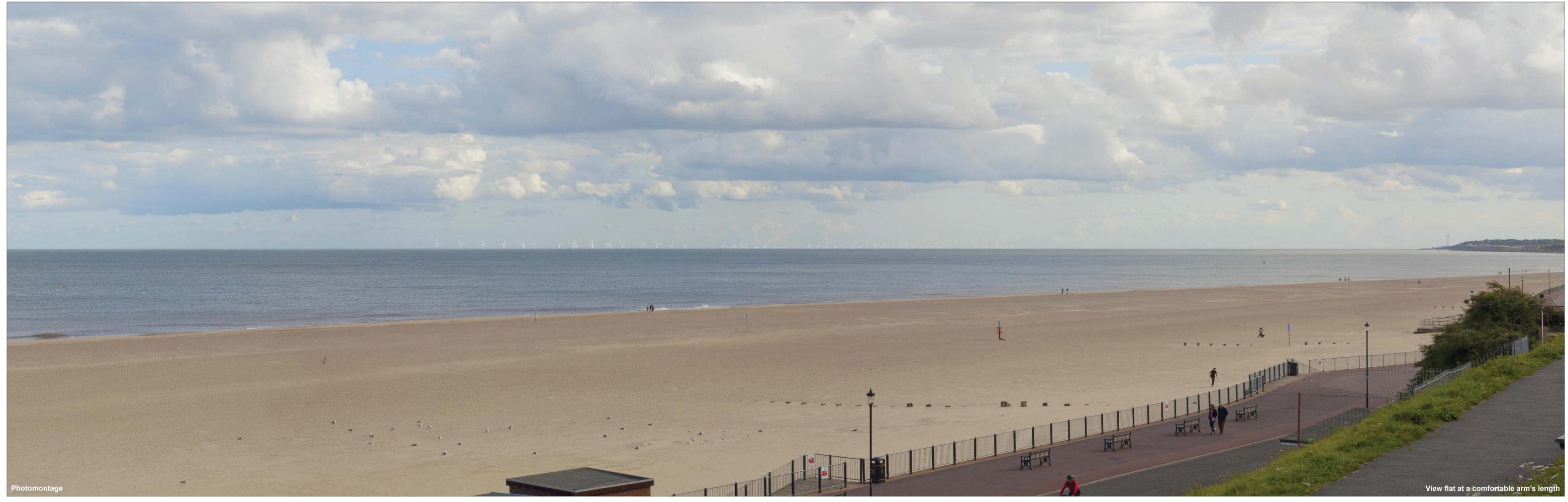
Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m ÀGL 12/09/17 14:31



47 48 49 50 51 29 52 30 53 31 54 55 32 56 33 34 35 36 37 57 38 16 39 40 58 17 41 59 60 42 43 44 18 45 19 46 20 21 22 23 24 25 26 6 27 7 28 8 9 10 11 12 13 14 15 1 2 3 4 5

View flat at a comfortable arm's length

Figure: 28.45d Viewpoint 20: Gorleton-on-sea



652912 E 303337 N 15.9 m AOD 142° 40.428 km

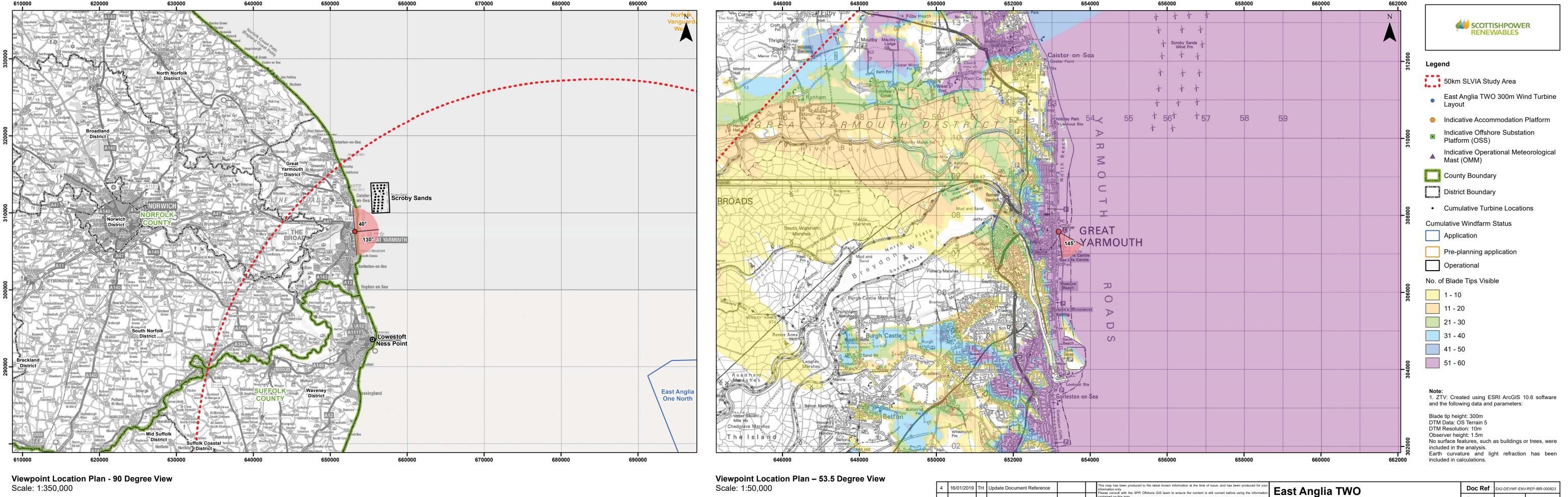
Horizontal field of view: Principal distance Paper size:841 x 297 mmCorrect printed image size:820 x 260 mm

53.5° (planar projection) 812.5 mm

Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m ÀGL 12/09/17 14:31

Figure: 28.45e Viewpoint 20: Gorleton-on-sea

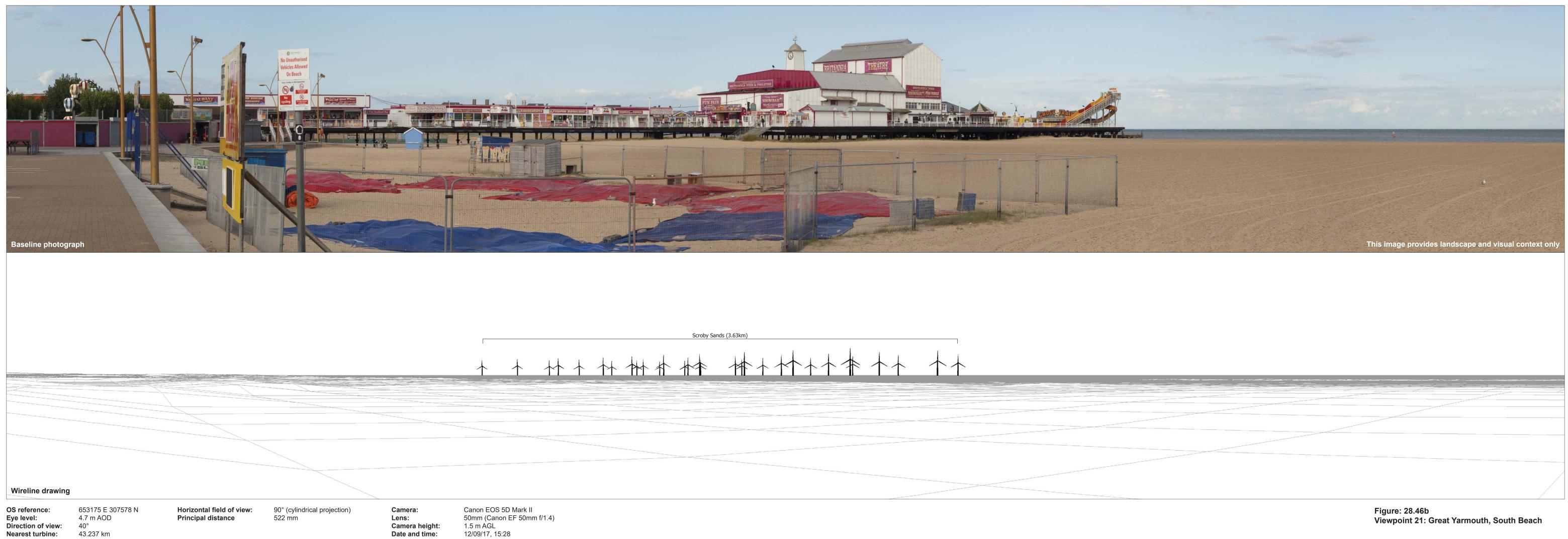


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Date	16/01/19	WGS 1984 Projection:
Figure	28.46a	Zone 31N





Wreline drawing	Wireline drawing						
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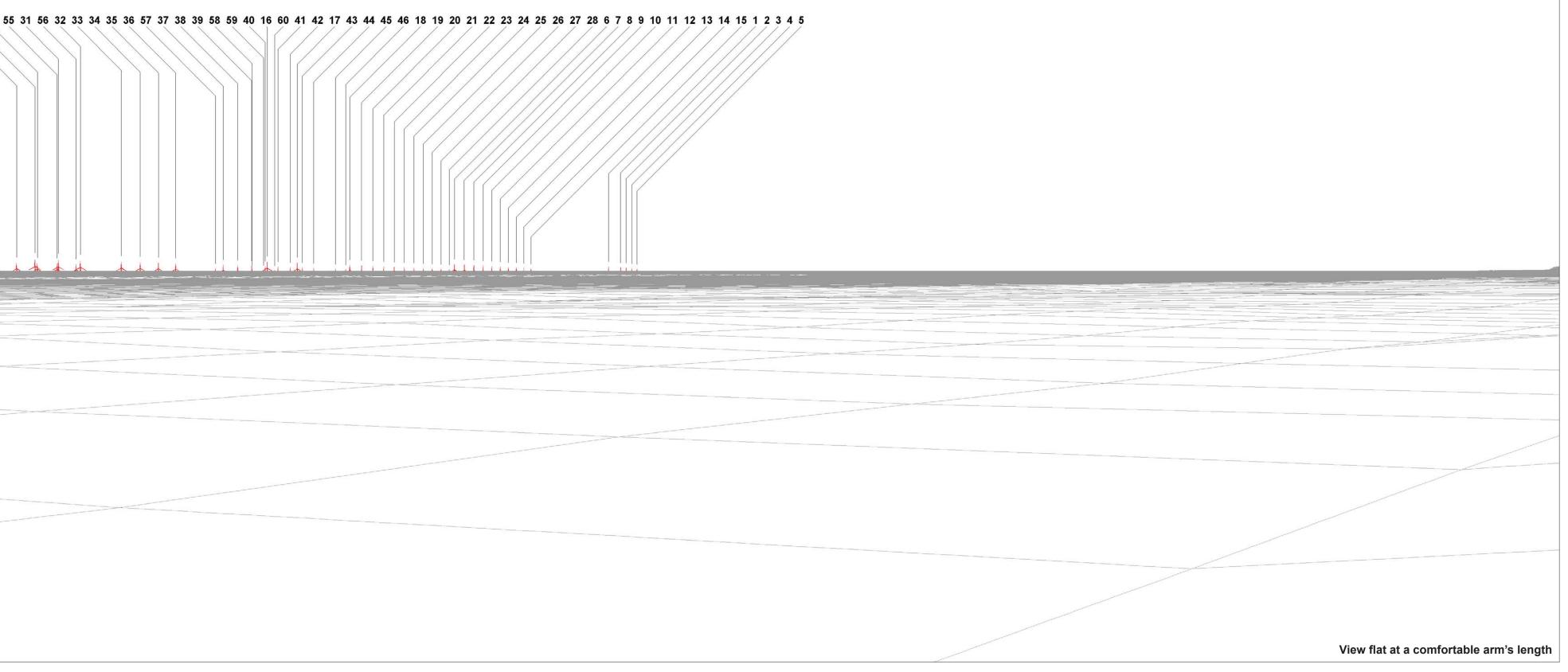


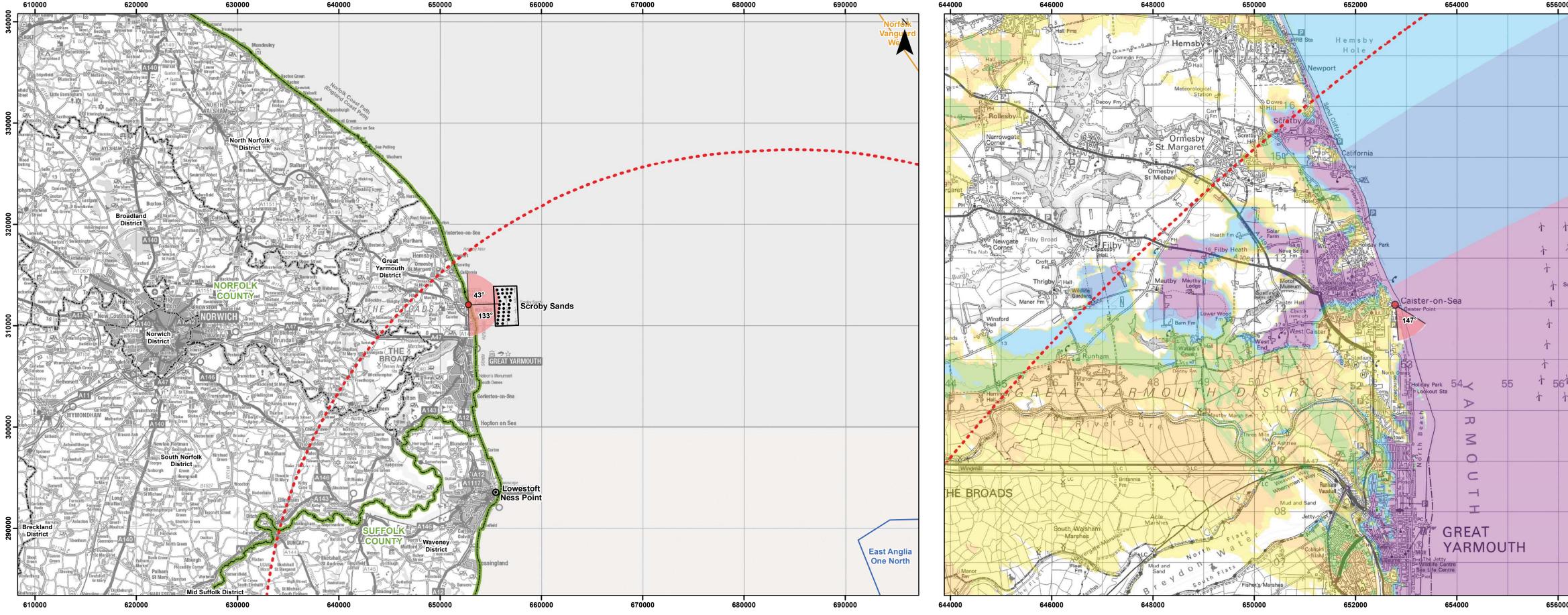
Figure: 28.46d Viewpoint 21: Great Yarmouth, South Beach



653175 E 307578 N 4.7 m AOD 145° 43.237 km

Horizontal field of view:53.5° (planar projection)Principal distance812.5 mmPaper size:841 x 297 mmCorrect printed image size:820 x 260 mm

Camera: Lens: Camera height: Date and time: Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 12/09/17, 15:28



Viewpoint Location Plan - 90 Degree View Scale: 1:350,000

Viewpoint Location Plan – 53.5 Degree View Scale: 1:50,000

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						316000	Legend 50km SLVIA Study Area East Anglia TWO 300m Wind Turbine Layout
-						314000	 Indicative Accommodation Platform Indicative Offshore Substation Platform (OSS) Indicative Operational Meteorological Mast (OMM)
ト イ イ イ イ イ イ	ት ት						 County Boundary District Boundary Cumulative Turbine Locations
icroby Sands ト Wind Fm ト ト ト ト						312000	Cumulative Windfarm Status Application Pre-planning application Operational
↑ ↑ ↑ ↑ 5	7 5	8 5	9			310000	No. of Blade Tips Visible 1 - 10 11 - 20 21 - 30 31 - 40 41 - 50
						308000	 51 - 60 Note: ZTV: Created using ESRI ArcGIS 10.6 software and the following data and parameters: Blade tip height: 300m DTM Data: OS Terrain 5 DTM Resolution: 10m Observer height: 1.5m No surface features, such as buildings or trees, were included in the analysis.
0	658	000	660	000			Earth curvature and light refraction has been included in calculations.

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hicOffice. NOT TO BE USED FOR NAVIGATION. ights reserved 2018 Licence number 0100031673.		Figure	28.47a	Zone 31N

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Nearest turbine:

46.890 km

Date and time:

12/09/17 16:03



Figure: 28.47b Viewpoint 22: Caister-on-sea



1.5 m AGL

12/09/17 16:03

Camera height:

Date and time:

Direction of view:

Nearest turbine:

133°

46.890 km

Viewpoint 22: Caister-on-sea

Wireline drawing Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 652777 E 312085 N OS reference: Horizontal field of view: 53.5° (planar projection) Camera: Eye level: Direction of view: Nearest turbine: 6.8 m AOD Principal distance 812.5 mm Lens: 841 x 297 mm 1.5 m ÀGL Paper size: 147° Camera height:

Correct printed image size: 820 x 260 mm

46.890 km

12/09/17 16:03

Date and time:

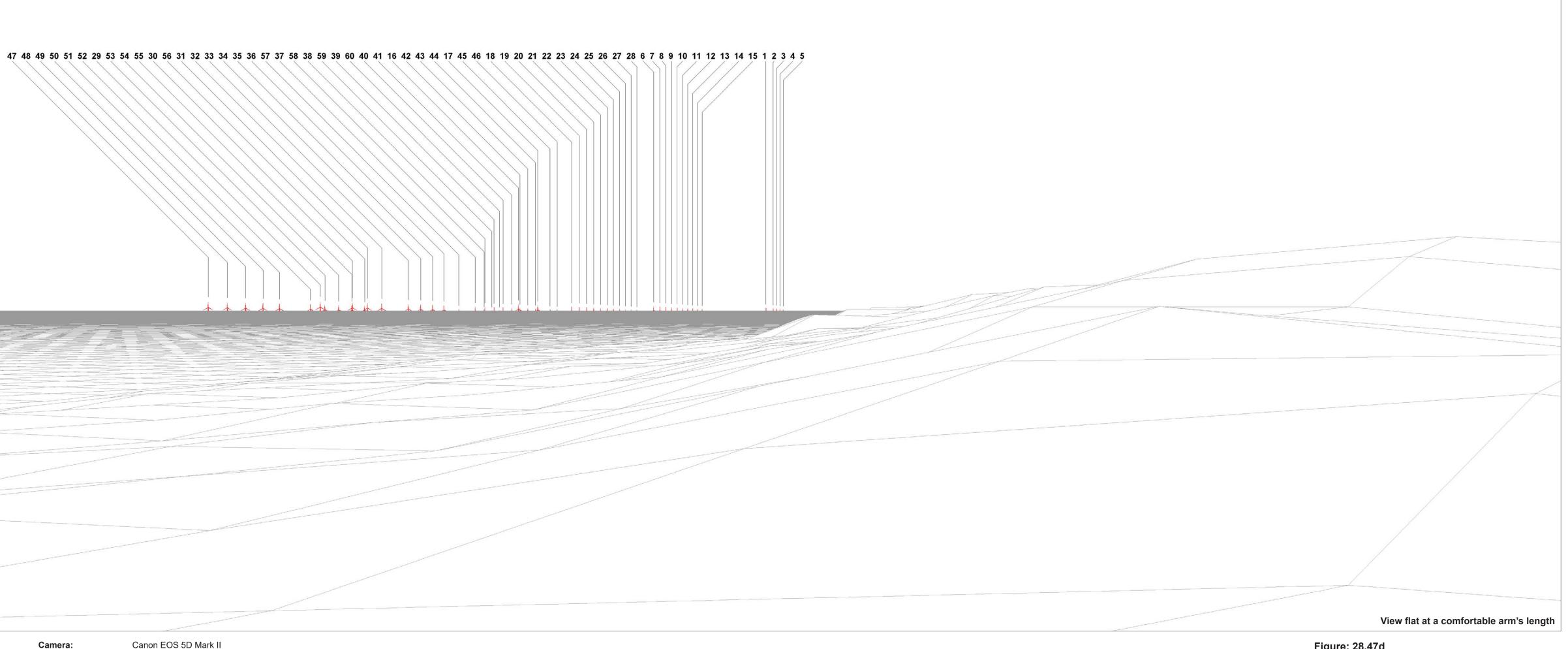


Figure: 28.47d Viewpoint 22: Caister-on-sea



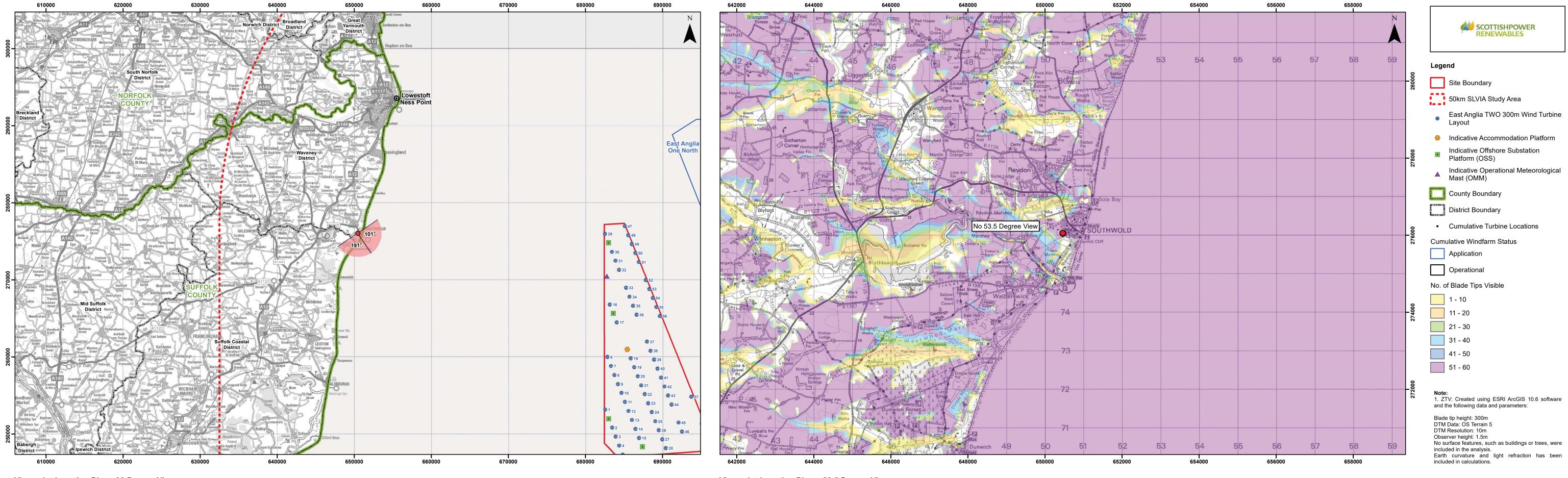
652777 E 312085 N 6.8 m AOD 147° 46.890 km

Horizontal field of view:53.5° (planar projection)Principal distance812.5 mmPaper size:841 x 297 mmCorrect printed image size:820 x 260 mm

Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 12/09/17 16:03

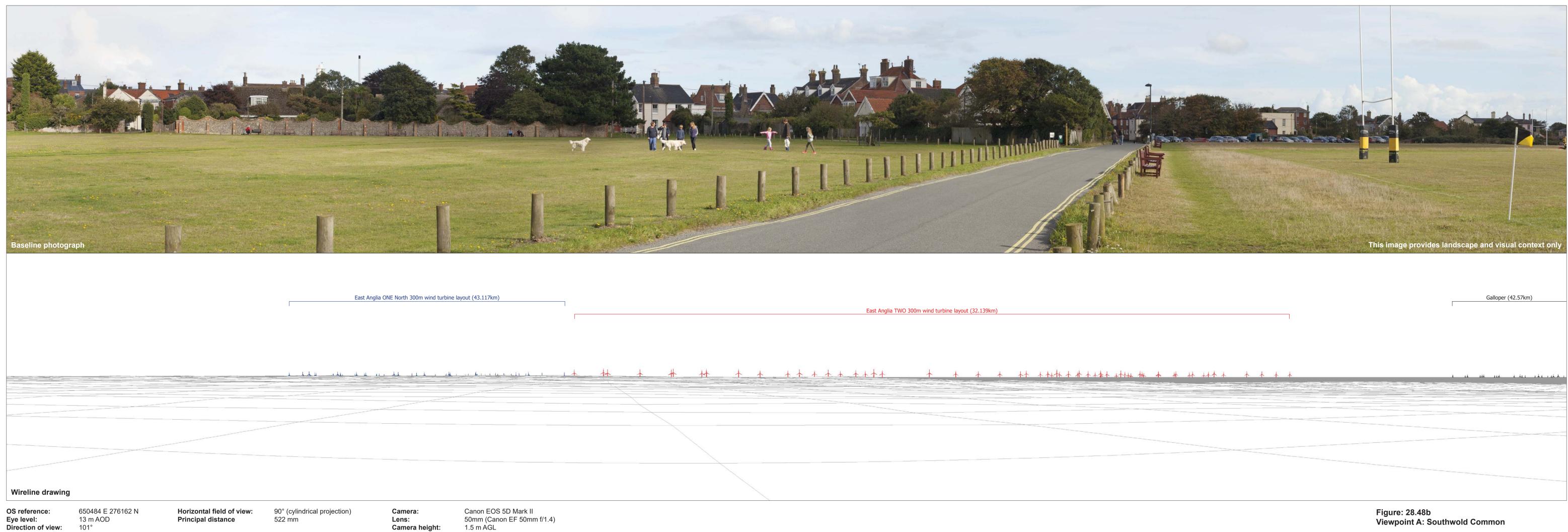
Figure: 28.47e Viewpoint 22: Caister-on-sea



Viewpoint Location Plan - 90 Degree View Scale: 1:350,000

Viewpoint Location Plan – 53.5 Degree View Scale: 1:50,000

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2	02/	/11/2018	LA	Minor Edits	Checked:	SM	© Crown Copyright and SeaZone Solutions Limited. All rights reserved. Product Licence No. 082010.001. This	Southwold Common	Date	16/01/19	, ,
Rev	v I	Date	Ву	Comment	Approved:	LT	product has been derived in part from material obtained from theUK Hydrographic Office with the permission of the Controller of Her Majesty's Stationery Office and UK HydrographicOffice. NOT TO BE USED FOR NAVIGATION. Contains Ordnance Survey digital data © Crown copyright, All rights reserved 2018 Licence number 0100031673.		Figure	28.48a	Zone 31N



17/09/17, 14:41

Date and time:

32.139 km

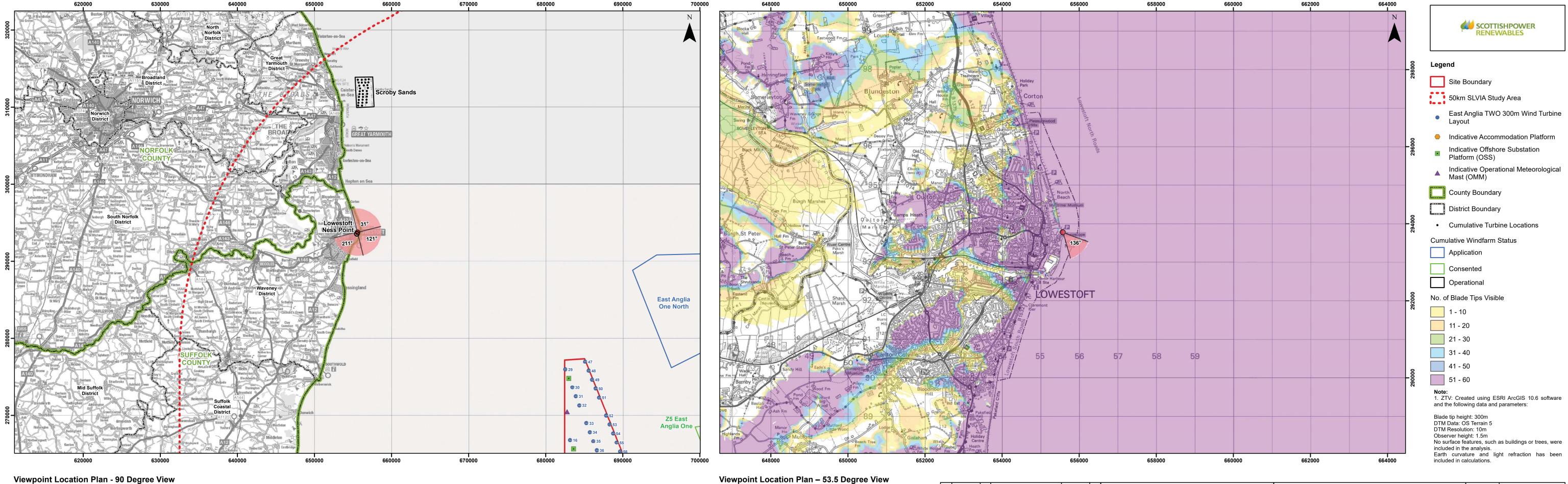
Nearest turbine:

OS reference: Eye level: Direction of view:	650484 E 276162 N 13 m AOD 191°	Horizontal field of view: Principal distance	90° (cylindrical projection) 522 mm	Camera: Lens: Camera height:	Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL
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Γ	Grea Galloper (42.57km)	ter Gabbard (42.68km)			
Dasenne priotogi					
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Figure: 28.48c Viewpoint A: Southwold Common



Scale: 1:350,000

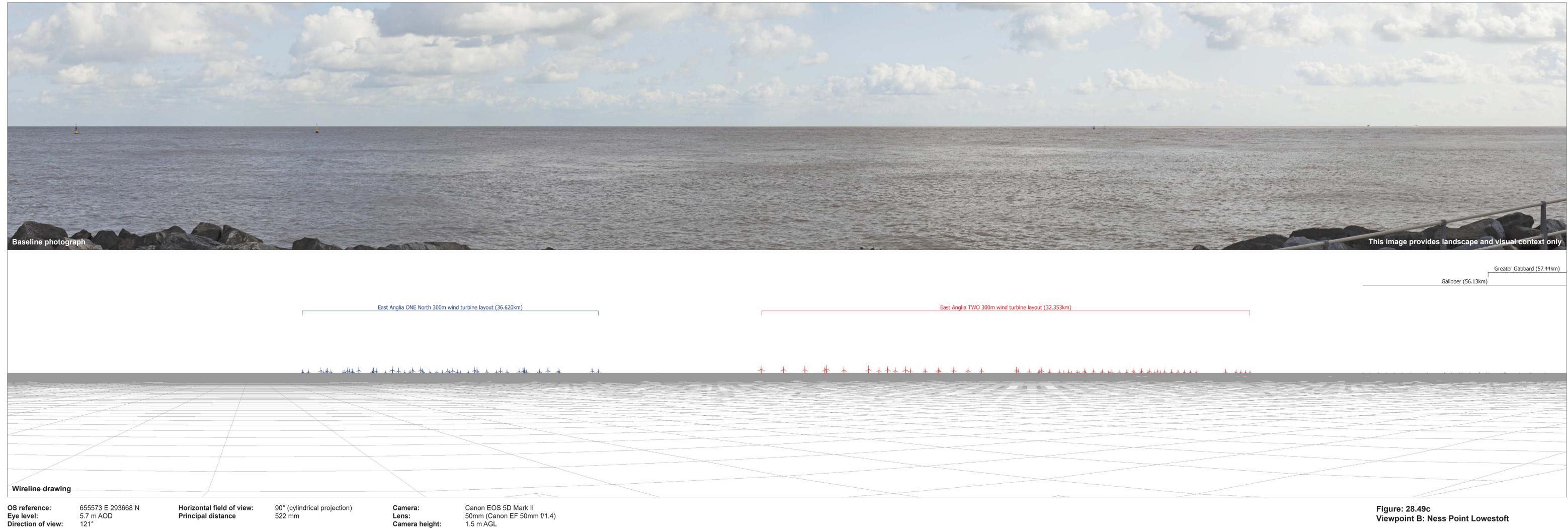
Viewpoint Location Plan – 53.5 Degree View Scale: 1:50,000

4	16	6/01/2019	TH	Update Document Reference			This map has been produced to the latest known information at the time of issue, and has been produced for your information only. Please consult with the SPR Offshore GIS team to ensure the content is still current before using the information	East Anglia TWO	Doc Ref	EA2-DEVWF-EN	V-REP-IBR-000823
3	19	9/12/2018	тн	Update Layout	Prepared:	тн	contained on this map. To the fullest extent permitted by law, we accept no responsibility or liability (whether in contract, tort (including	0	Rev	4	Datum:
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Re	v	Date	Ву	Comment	Approved:	LT	product has been derived in part from material obtained from theUK Hydrographic Office with the permission of the Controller of Her Majesty's Stationery Office and UK HydrographicOffice. NOT TO BE USED FOR NAVIGATION. Contains Ordnance Survey digital data © Crown copyright, All rights reserved 2018 Licence number 0100031673.		Figure	28.49a	Zone 31N



32.353 km

Date and time:



12/09/17, 12:56

Date and time:

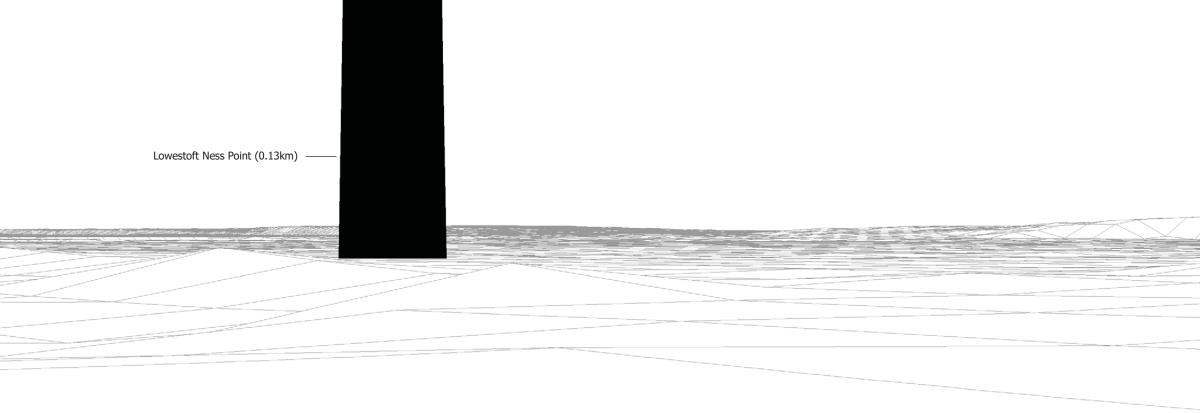
Nearest turbine:

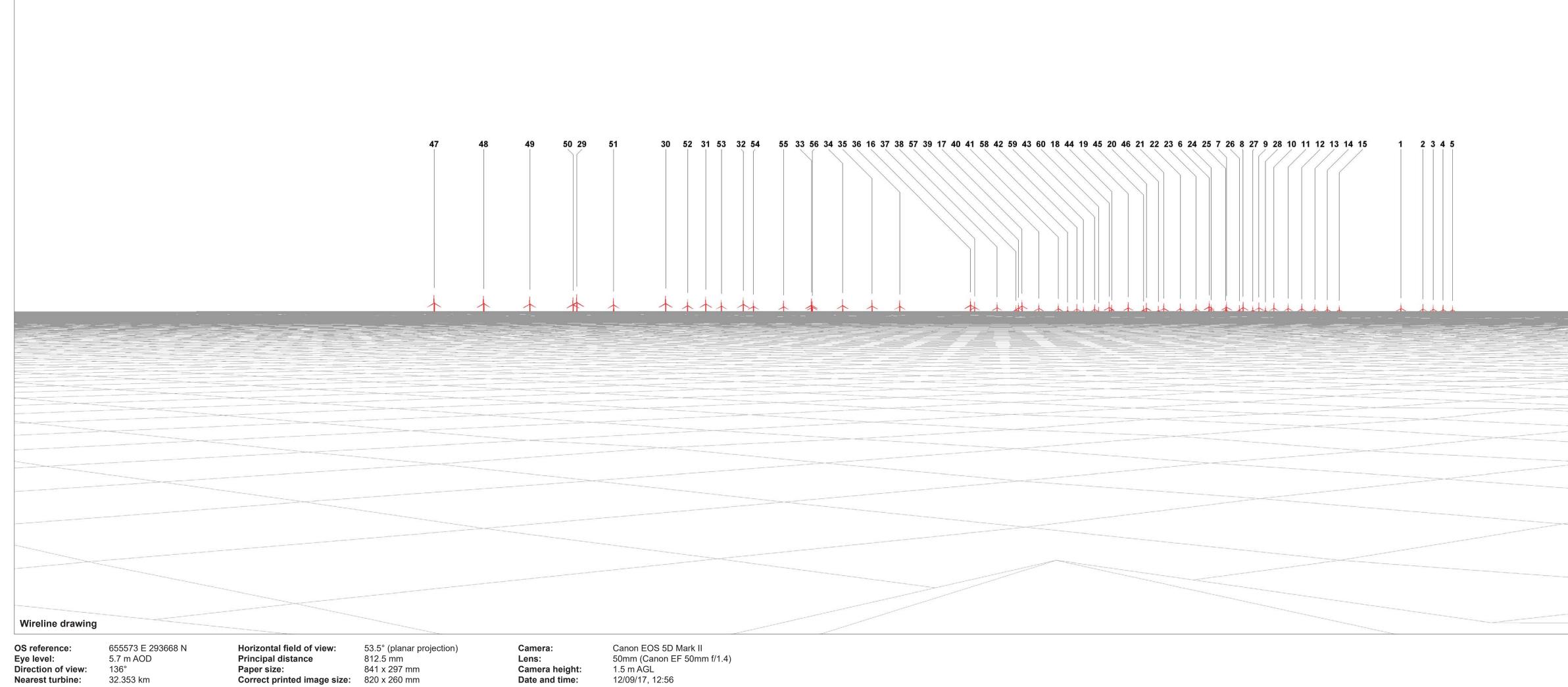
32.353 km

Viewpoint B: Ness Point Lowestoft

Galloper (56.13m)			







12/09/17, 12:56

Date and time:

32.353 km

Correct printed image size: 820 x 260 mm

View flat at a comfortable arm's lengt
View flat at a comfortable arm's lengt

Figure: 28.49e Viewpoint B: Ness Point Lowestoft

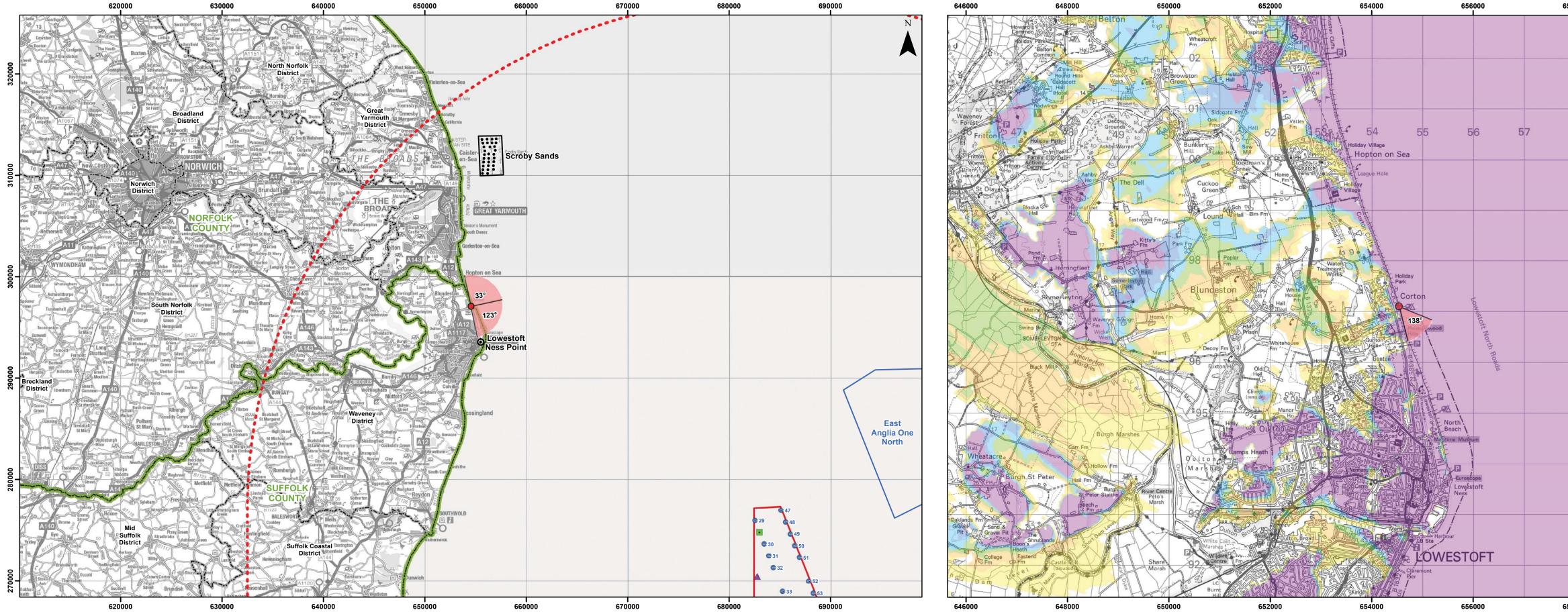


655573 E 293668 N 5.7 m AOD 136° 32.353 km

Horizontal field of view:53.5° (planar projection)Principal distance812.5 mmPaper size:841 x 297 mmCorrect printed image size:820 x 260 mm

Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m ÀGL 12/09/17, 12:56

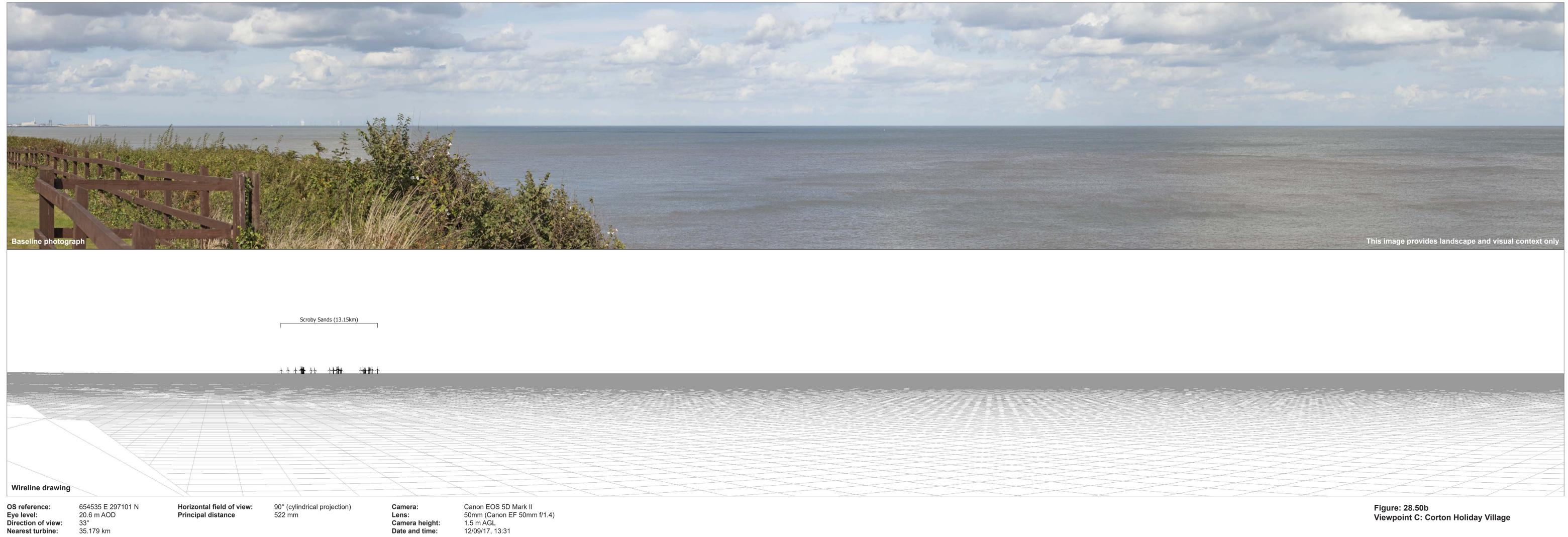


Viewpoint Location Plan - 90 Degree View Scale: 1:350,000

Viewpoint Location Plan – 53.5 Degree View Scale: 1:50,000

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							e	Indicative Accommodation Platform
0								 Indicative Offshore Substation Platform (OSS)
								Indicative Operational Meteorological Mast (OMM)
							298000	County Boundary
							298	District Boundary
								Cumulative Turbine Locations
								Cumulative Windfarm Status
								Application
							1 296000	Operational
							29	No. of Blade Tips Visible
								1 - 10
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							294000	41 - 50
							2	51 - 60
								Note:
								1. ZTV: Created using ESRI ArcGIS 10.6 software and the following data and parameters:
							00	Blade tip height: 300m DTM Data: OS Terrain 5
							292000	DTM Resolution: 10m Observer height: 1.5m
								No surface features, such as buildings or trees, were included in the analysis.
58	000	660	000	662	000		•	Earth curvature and light refraction has been included in calculations.

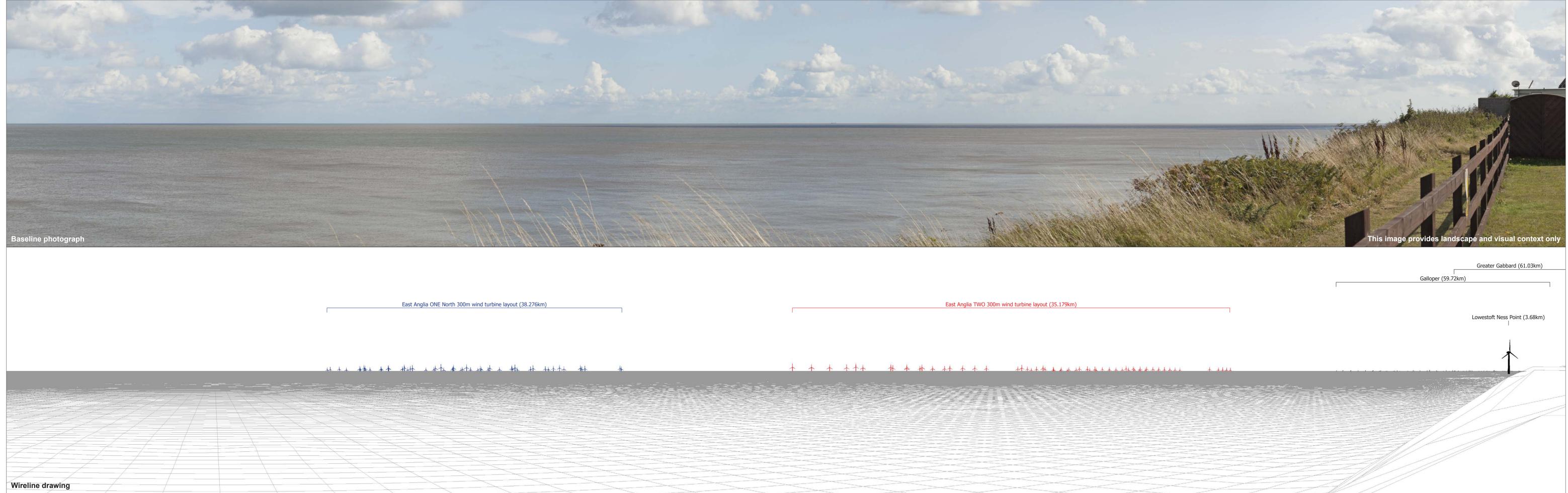


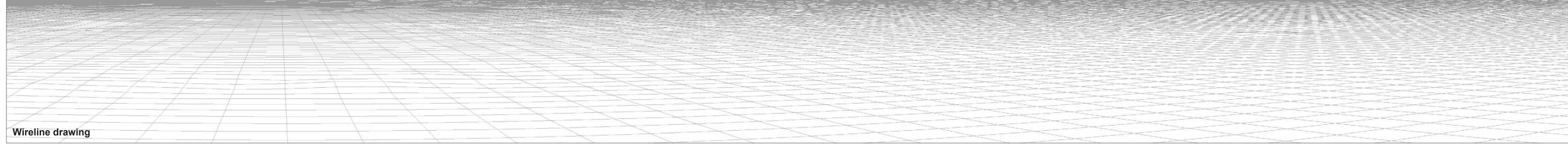
33°

35.179 km

Date and time:

Figure: 28.50b Viewpoint C: Corton Holiday Village





654535 E 297101 N 20.6 m AOD 123° 35.179 km

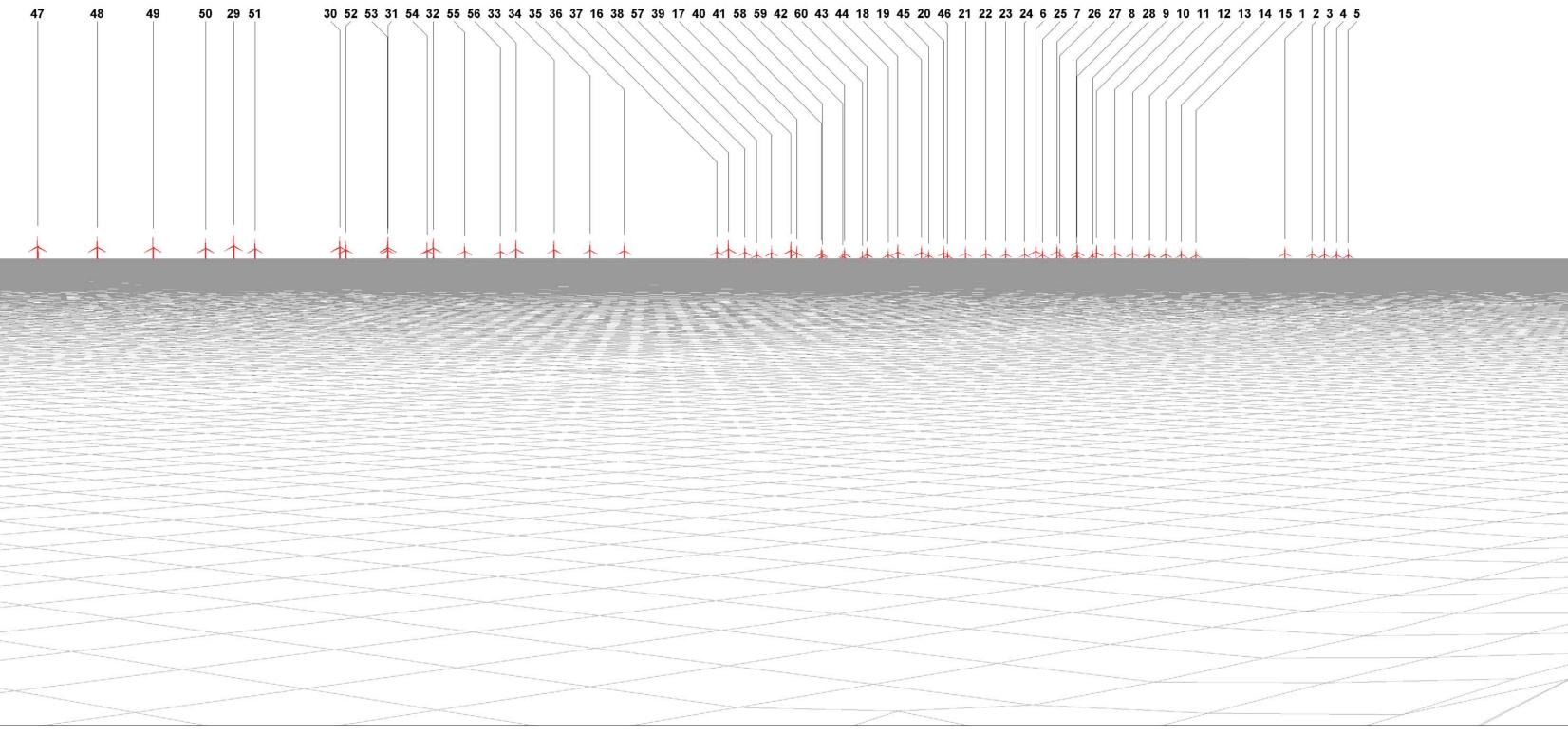
Horizontal field of view: Principal distance

90° (cylindrical projection) 522 mm

Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m ÀGL 12/09/17, 13:31

Figure: 28.50c Viewpoint C: Corton Holiday Village



Wireline drawing

OS reference: Eye level: Direction of view: Nearest turbine:

654535 E 297101 N 20.6 m AOD 138° 35.179 km

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

Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m ÀGL 12/09/17, 13:31

View flat at a comfortable arm's length
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Figure: 28.50d Viewpoint C: Corton Holiday Village

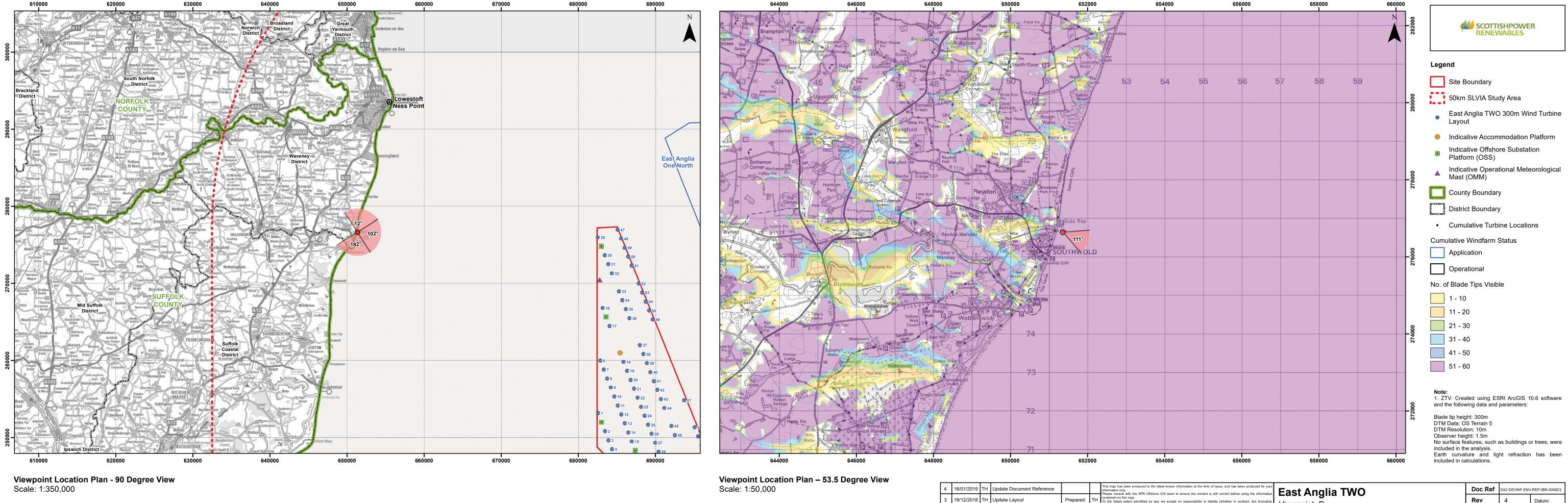


654535 E 297101 N 20.6 m AOD 138° 35.179 km

Horizontal field of view:53.5° (planar projection)Principal distance812.5 mmPaper size:841 x 297 mmCorrect printed image size:820 x 260 mm

Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 12/09/17, 13:31



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3	19/12/2018	ΤН	Update Layout	Prepared:	ТΗ	contained on this map. To the fullest extent permitted by law, we accept no respons negligence) or otherwise in respect of any errors or omissions
4	16/01/2019	ΤН	Update Document Reference			This map has been produced to the latest known information a information only. Please consult with the SPR Offshore GIS team to ensure the

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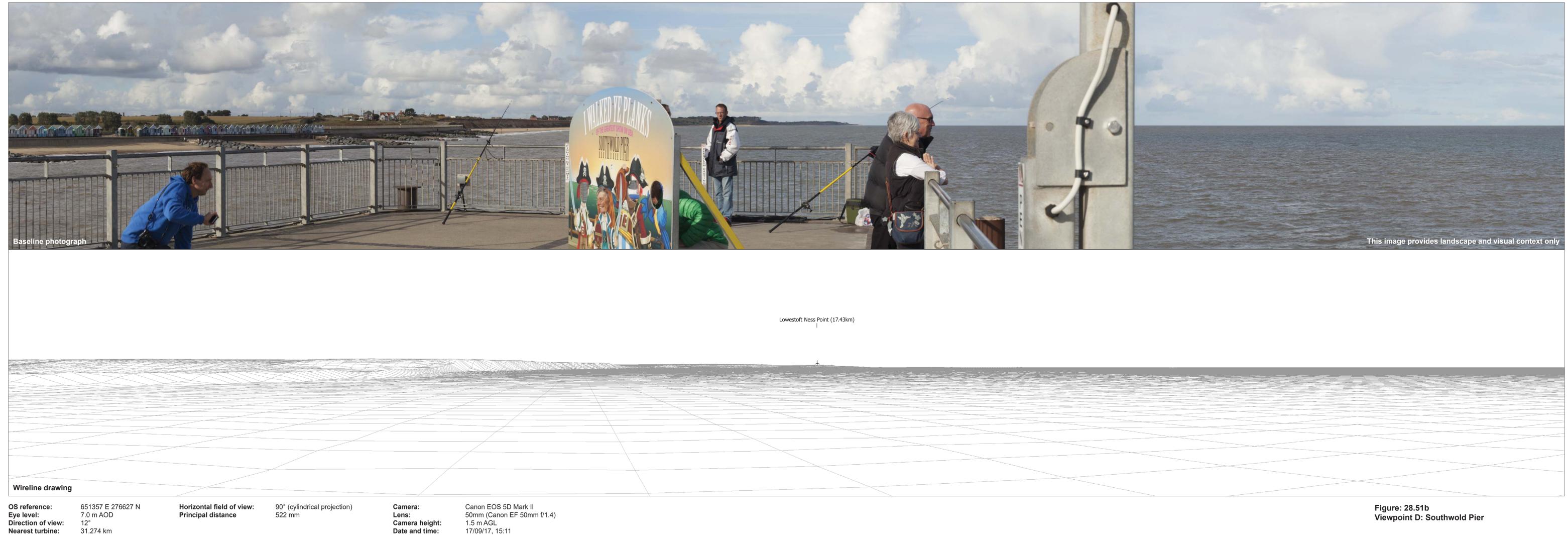
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WGS 1984

16/01/19 Projection: Zone 31N

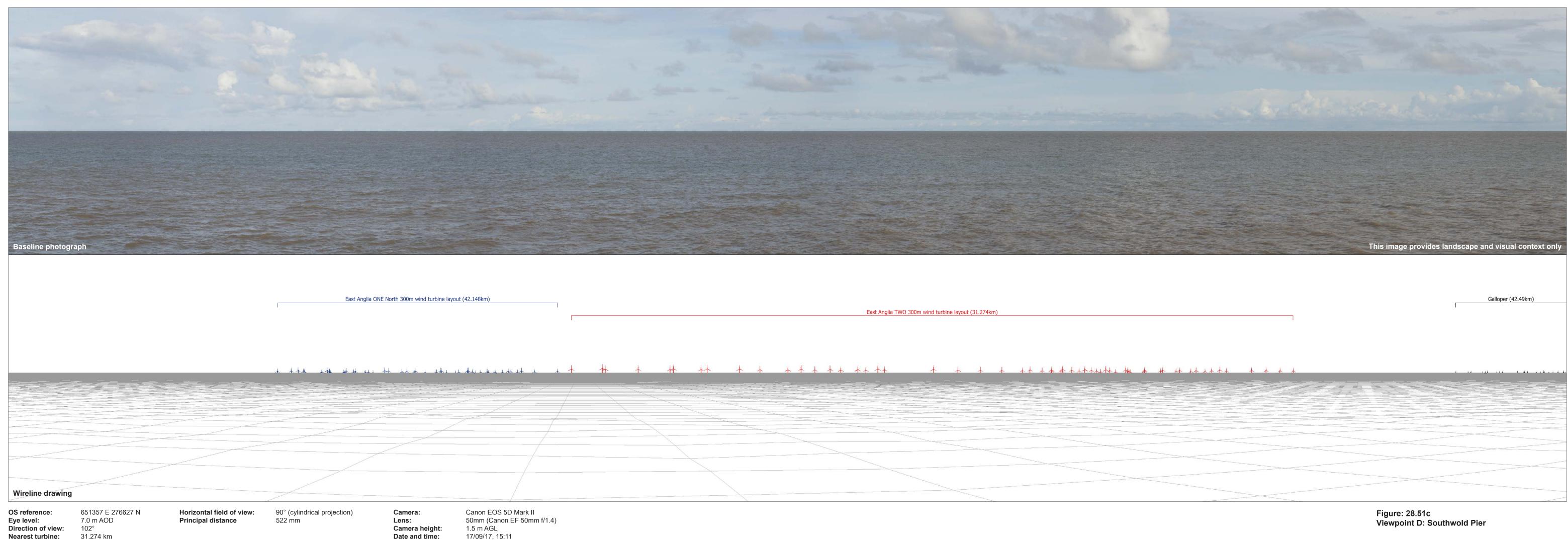
Date

Figure 28.51a



31.274 km

Date and time:



-					
Baseline photogr	raph				
	Grea	ter Gabbard (42.72km)			
	Galloper (42.49km)				
		I			
	تتابع بداية تقديقيا بلا ديناه بنا بالله بمعا والا	، القاح بالشافة بقائلة فالقائد فراق ما التاريخ			
	ta est				
Wireline drawing					
OS reference:	651357 E 276627 N	Horizontal field of view:	90° (cylindrical projection)	Camera:	Canon EOS 5D Mark II
Eye level: Direction of view: Nearest turbine:	7.0 m AOD 192° 31.274 km	Principal distance	522 mm	Lens: Camera height: Date and time:	50mm (Canon EF 50mm f/1.4) 1.5 m AGL 17/09/17, 15:11

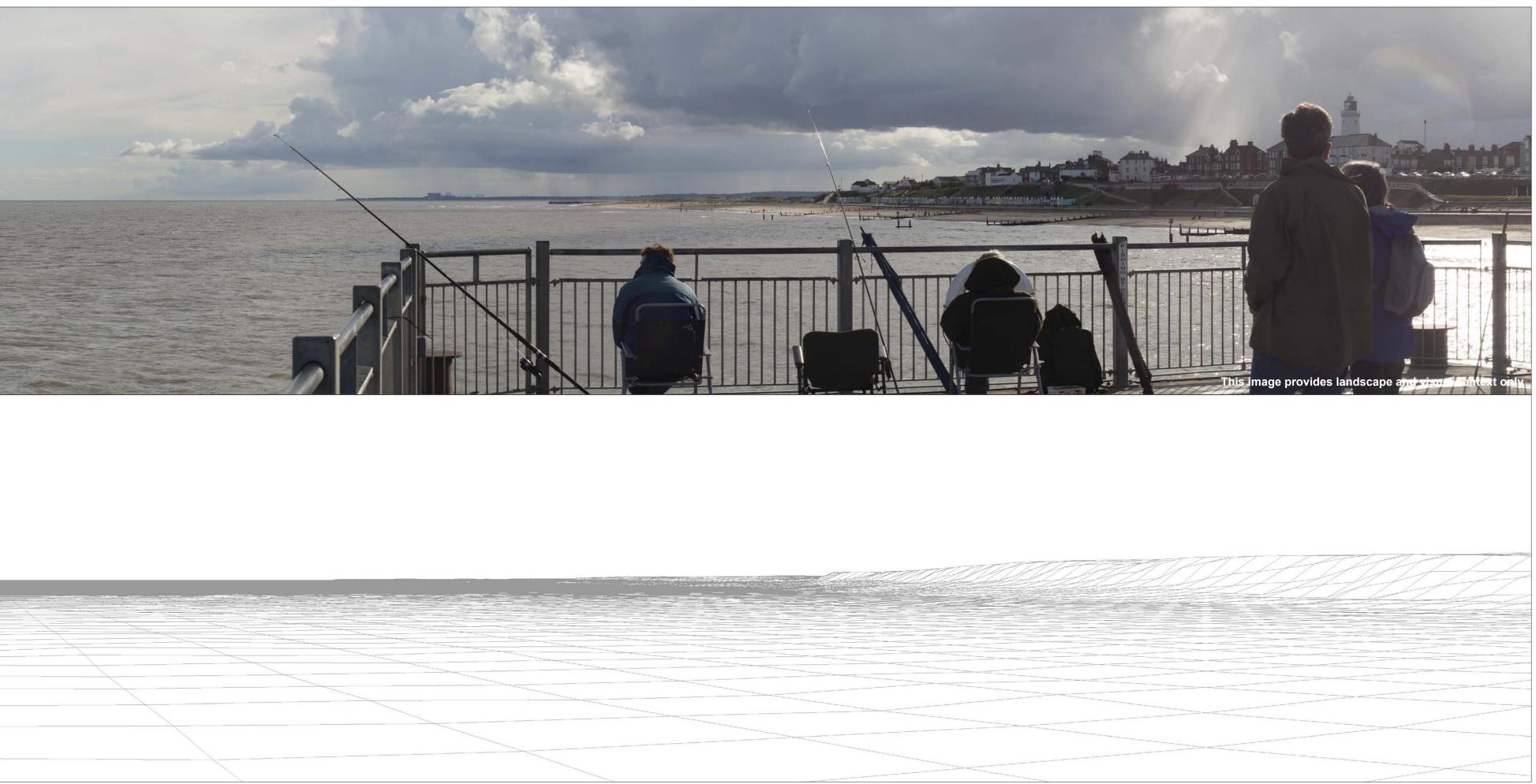
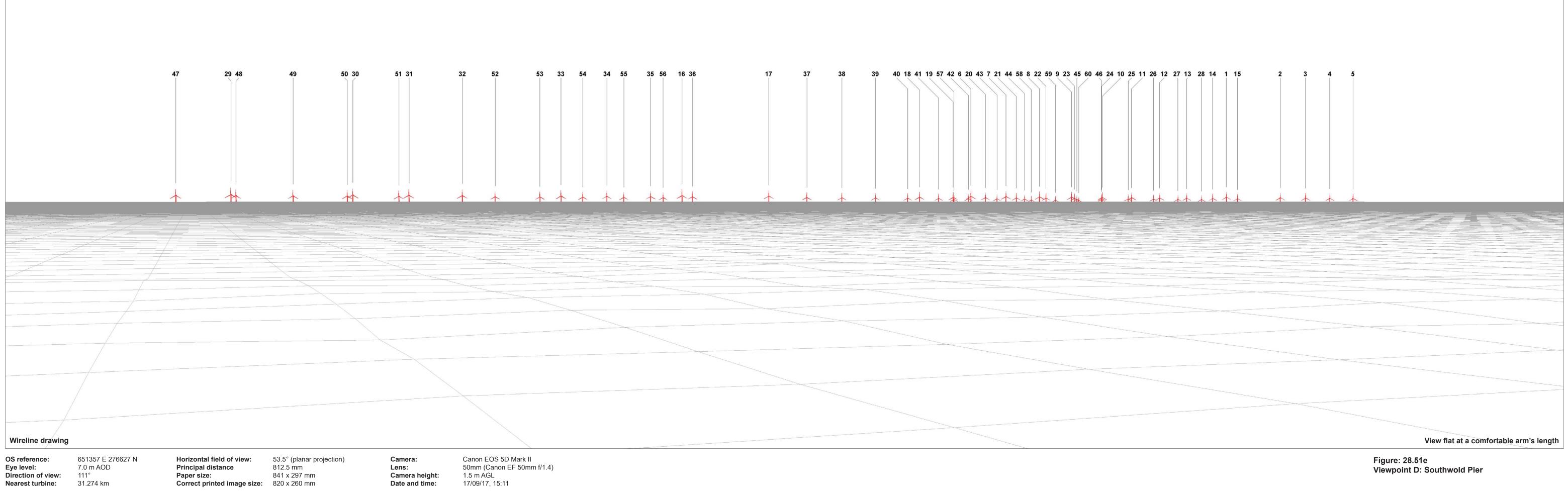




Figure: 28.51d Viewpoint D: Southwold Pier





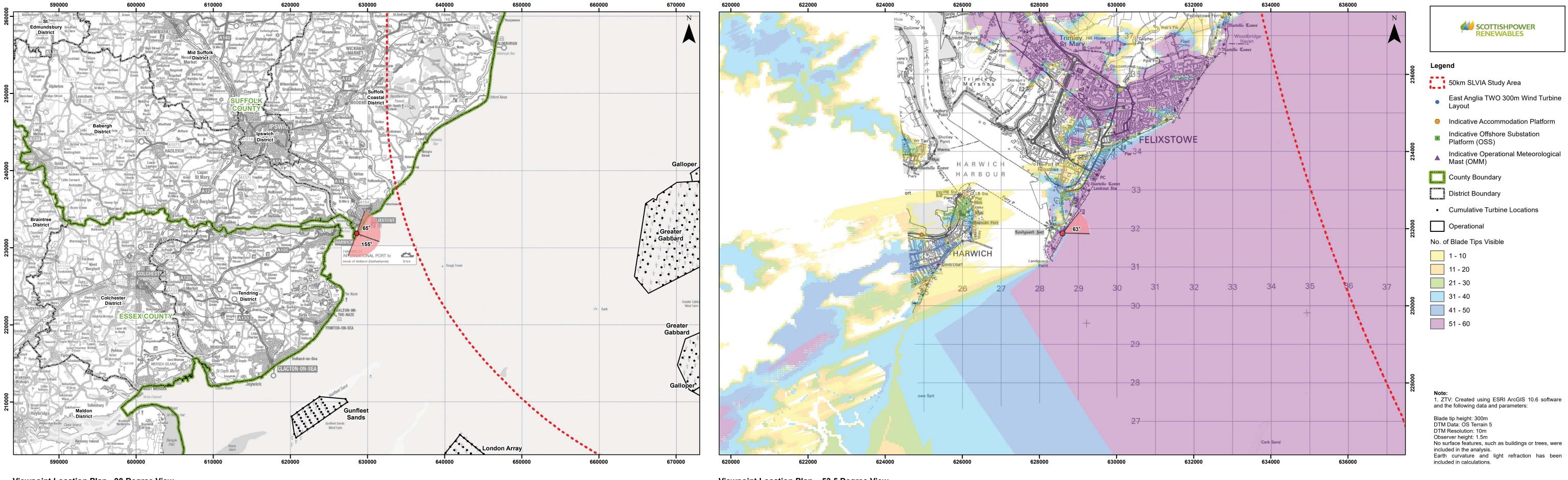
651357 E 276627 N 7.0 m AOD 111° 31.274 km

Horizontal field of view:53.5° (planar projection)Principal distance812.5 mmPaper size:841 x 297 mmCorrect printed image size:820 x 260 mm

Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 17/09/17, 15:11

Figure: 28.51f Viewpoint D: Southwold Pier



Viewpoint Location Plan - 90 Degree View Scale: 1:350,000

Viewpoint Location Plan – 53.5 Degree View Scale: 1:50,000

4	16/	01/2019	ΤН	Update Document Reference			This map has been produced to the latest known information at the time of issue, and has been produced for your information only. Please consult with the SPR Offshore GIS team to ensure the content is still current before using the information	East Anglia TWO	Doc Ref	EA2-DEVWF-EN	V-REP-IBR-000823
3	19/	12/2018	тн	Update Layout	Prepared:	тн	To the fullest extent permitted by law, we accept no responsibility or liability (whether in contract, tort (including neglicity)) or the fullest extent permitted by law, we accept no responsibility or liability (whether in contract, tort (including neglicity)) or otherwise in respect of any verrors or omissions in the information contained in the map and shall not		Rev	4	Datum:
2	02/	11/2018	LA	Minor Edits	Checked:	SM	be liable for any loss, damage or expense caused by such errors or omissions. © Crown Copyright and SeaZone Solutions Limited. All rights reserved. Product Licence No. 082010.001. This	Landguard Fort	Date	16/01/19	
Rev	/ 1	Date	Ву	Comment	Approved:		product has been derived in part from material obtained from theUK Hydrographic Office with the permission of the Controller of Her Majesty's Stationery Office and UK HydrographicOffice. NOT TO BE USED FOR NAVIGATION. Contains Ordnance Survey digital data © Crown copyright, All rights reserved 2018 Licence number 0100031673.		Figure	28.52a	Zone 31N

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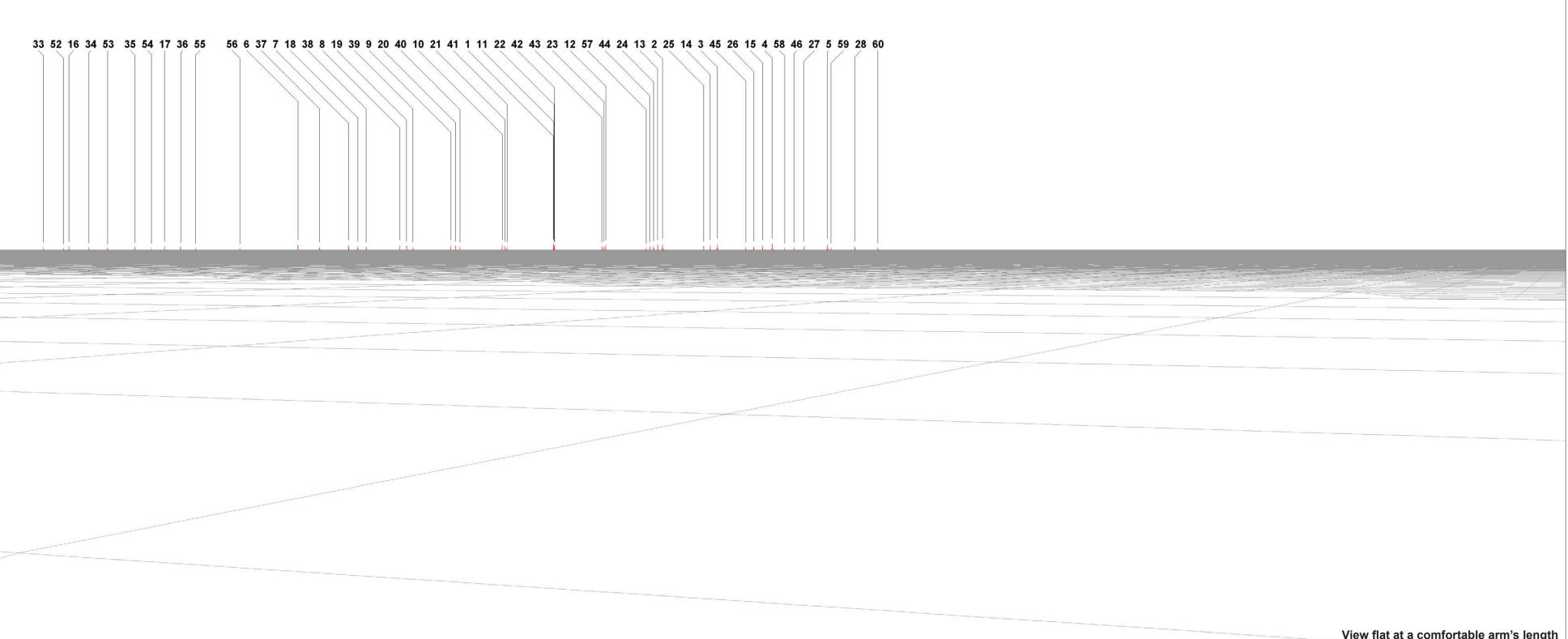
11/09/17, 11:58

Date and time:

58.082 km



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Wireline drawing									
OS reference: Eye level:	628581 E 231874 N 5.35 m AOD	Horizontal field of view: Principal distance	53.5° (planar projection) 812.5 mm	Camera: Lens:	50mm (Ca	DS 5D Mark I anon EF 50m)	
Direction of view: Nearest turbine:	63° 58.082 km	Paper size: Correct printed image size:	841 x 297 mm 820 x 260 mm	Camera height: Date and time:	1.5 m AG 11/09/17,				



View flat at a comfortable arm's length

Figure: 28.52b Viewpoint E: Landguard Fort



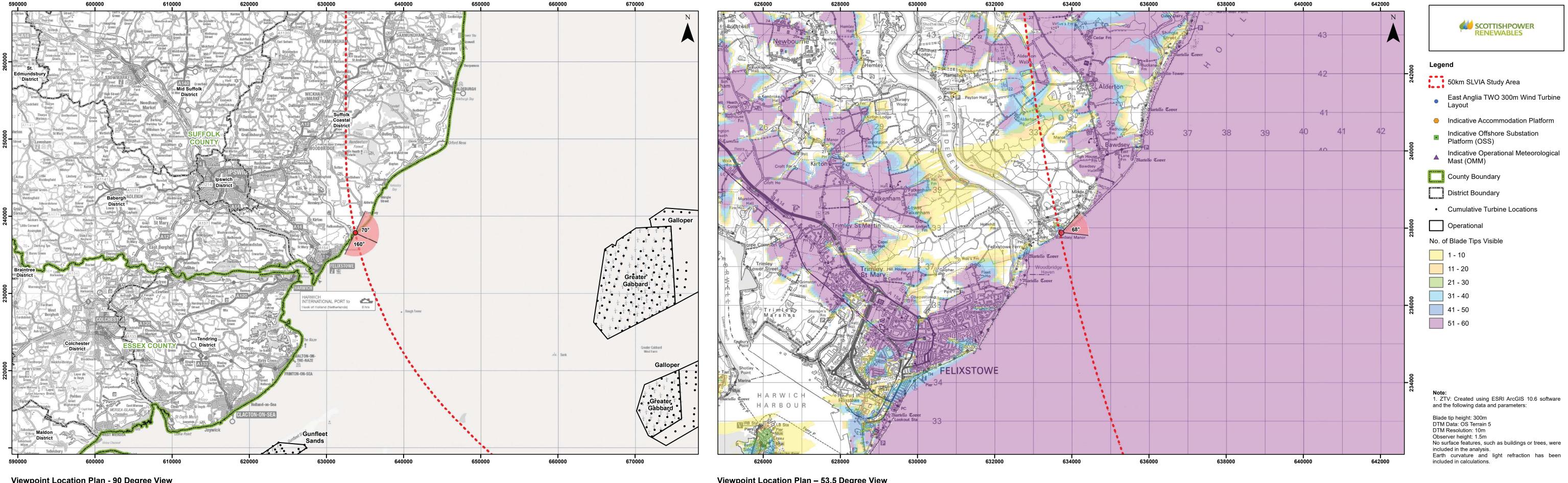
628581 E 231874 N 5.35 m AOD 63° 58.082 km

Horizontal field of view:53.5° (planar projection)Principal distance812.5 mmPaper size:841 x 297 mmCorrect printed image size:820 x 260 mm

Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 11/09/17, 11:58

Figure: 28.52e Viewpoint E: Landguard Fort

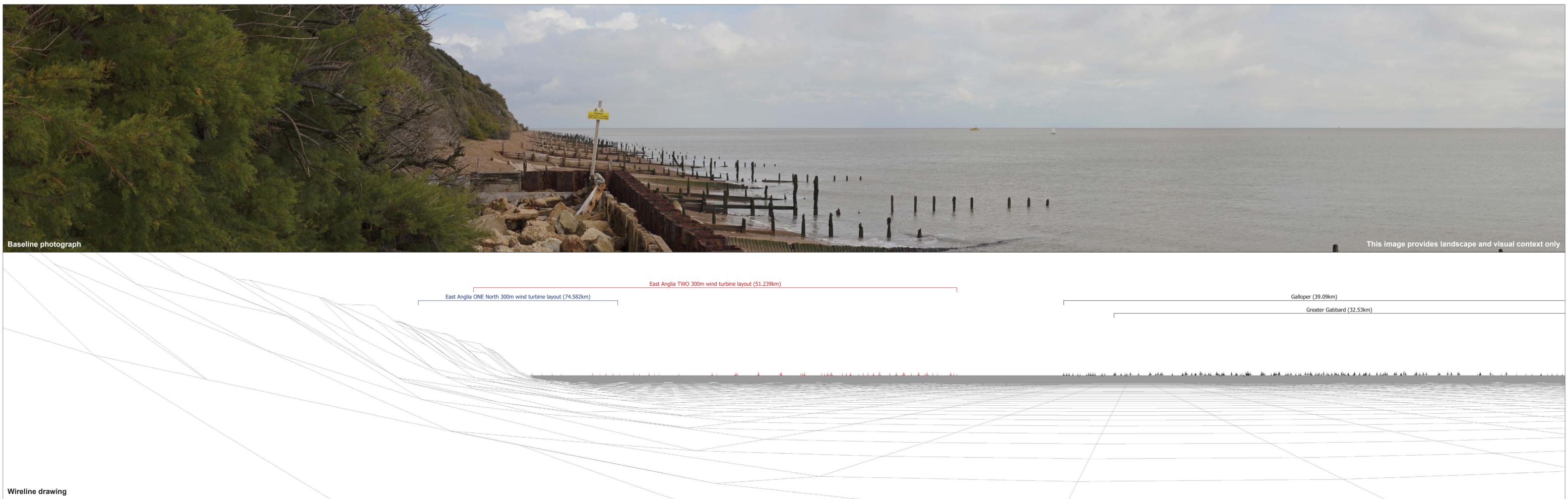


Viewpoint Location Plan - 90 Degree View Scale: 1:350,000

Viewpoint Location Plan – 53.5 Degree View Scale: 1:50,000

	4 16	6/01/2019	ΤН	Update Document Reference			This map has been produced to the latest known information at the time of issue, and has been produced for your information only. Please consult with the SPR Offshore GIS team to ensure the content is still current before using the information	East Anglia TWO	Doc Ref	EA2-DEVWF-EN	/-REP-IBR-000823
	3 19	9/12/2018	тн	Update Layout	Prepared:	тн	contained on this map. To the fullest extent permitted by law, we accept no responsibility or liability (whether in contract, tort (including	Viewpoint: F	Rev	4	Datum:
	2 02	2/11/2018	LA	Minor Edits	Checked:	SM	be liable for any loss, damage or expense caused by such errors or omissions. © Crown Copyright and SeaZone Solutions Limited. All rights reserved. Product Licence No. 082010.001. This		Date	16/01/19	WGS 1984 Projection:
R	ev	Date	Ву	Comment	Approved:	LT	product has been derived in part from material obtained from theUK Hydrographic Office with the permission of the Controller of Her Majesty's Stationery Office and UK HydrographicOffice. NOT TO BE USED FOR NAVIGATION. Contains Ordnance Survey digital data © Crown copyright, All rights reserved 2018 Licence number 0100031673.		Figure	28.53a	Zone 31N

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633723 E 237868 N 3.98m AOD 70° 51.239 km

Horizontal field of view: Principal distance

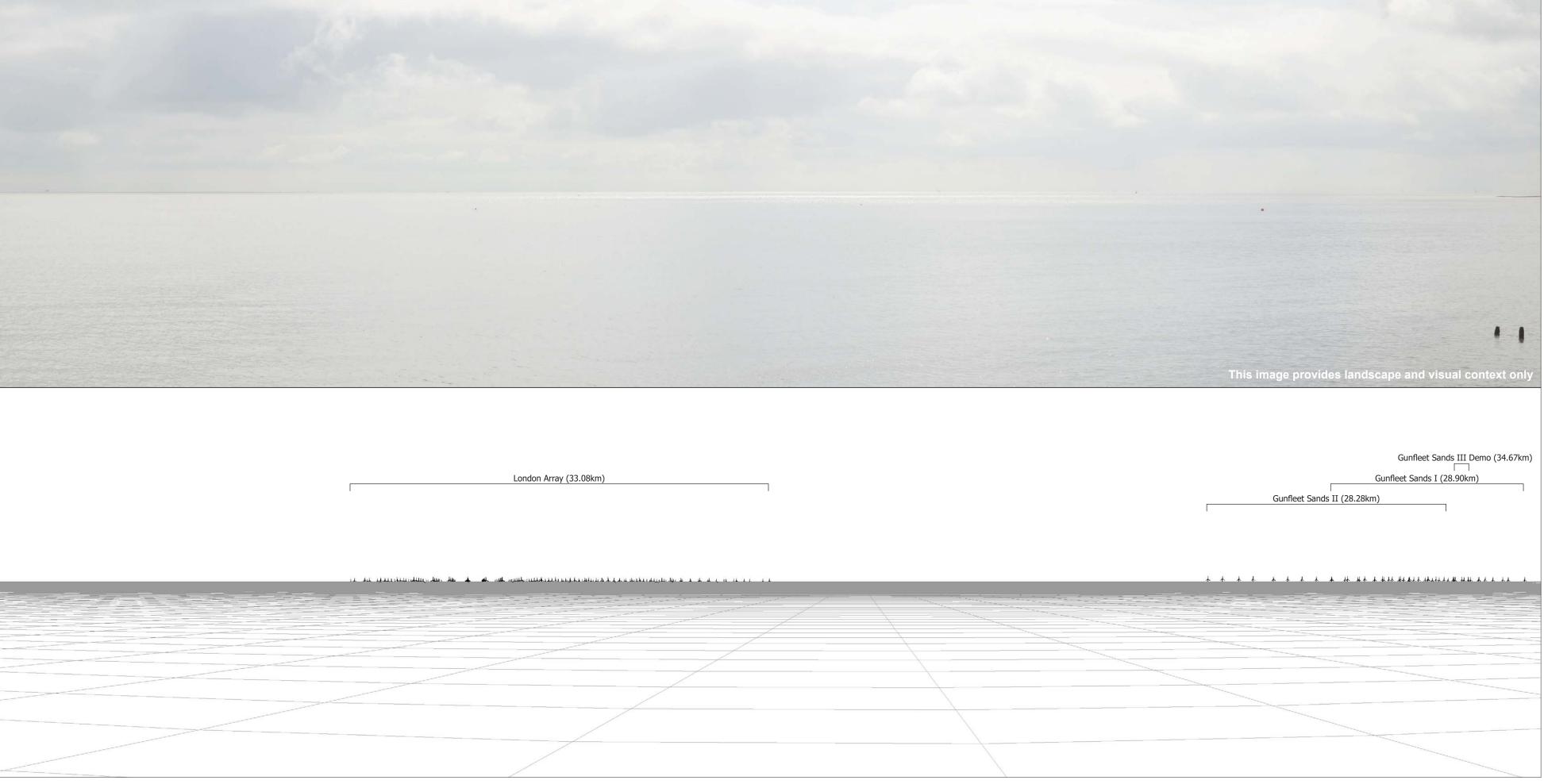
90° (cylindrical projection) 522 mm

Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m ÀGL 16/09/17, 11:51

Figure: 28.53b Viewpoint F: Bawdsey Manor

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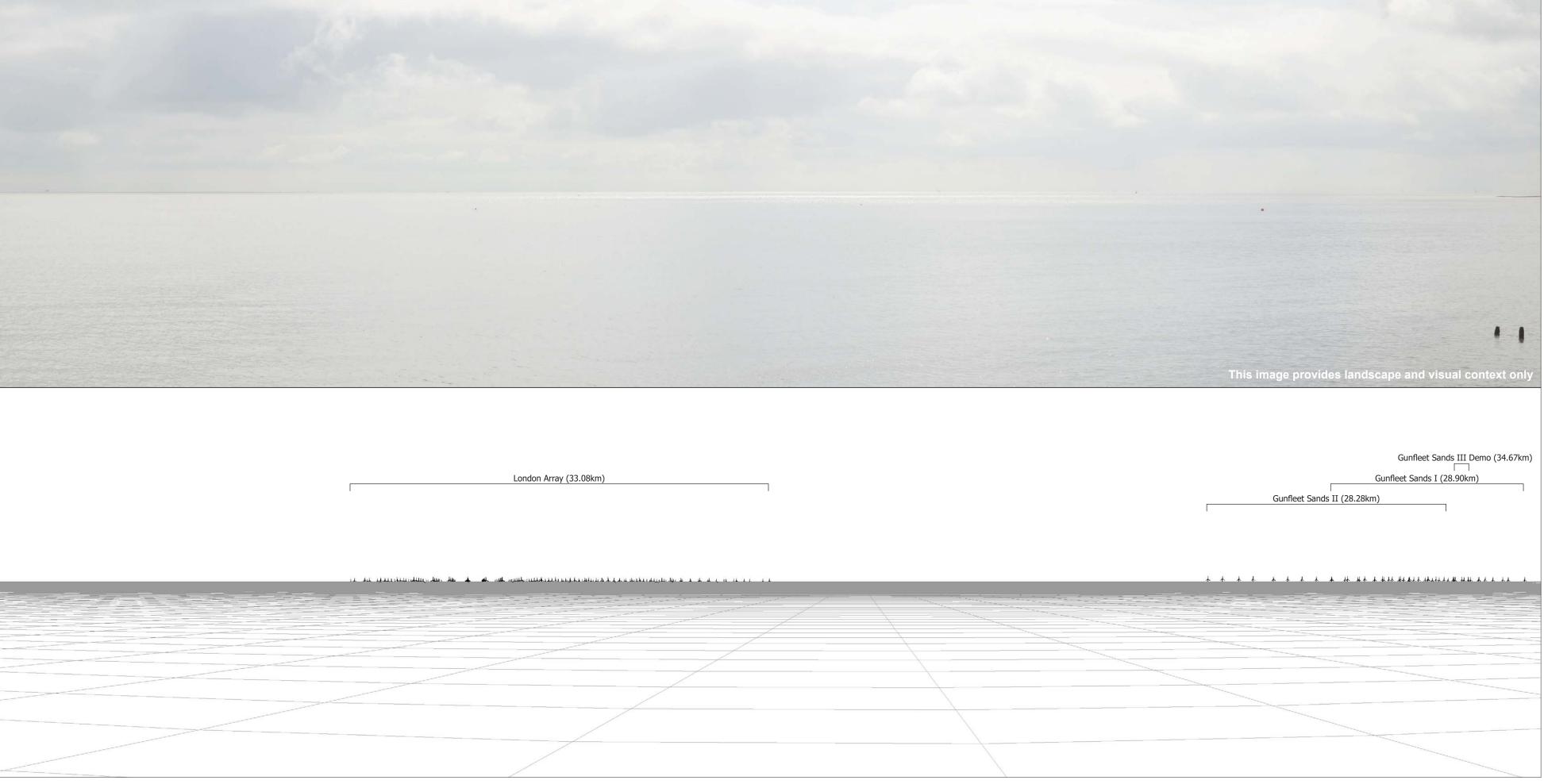
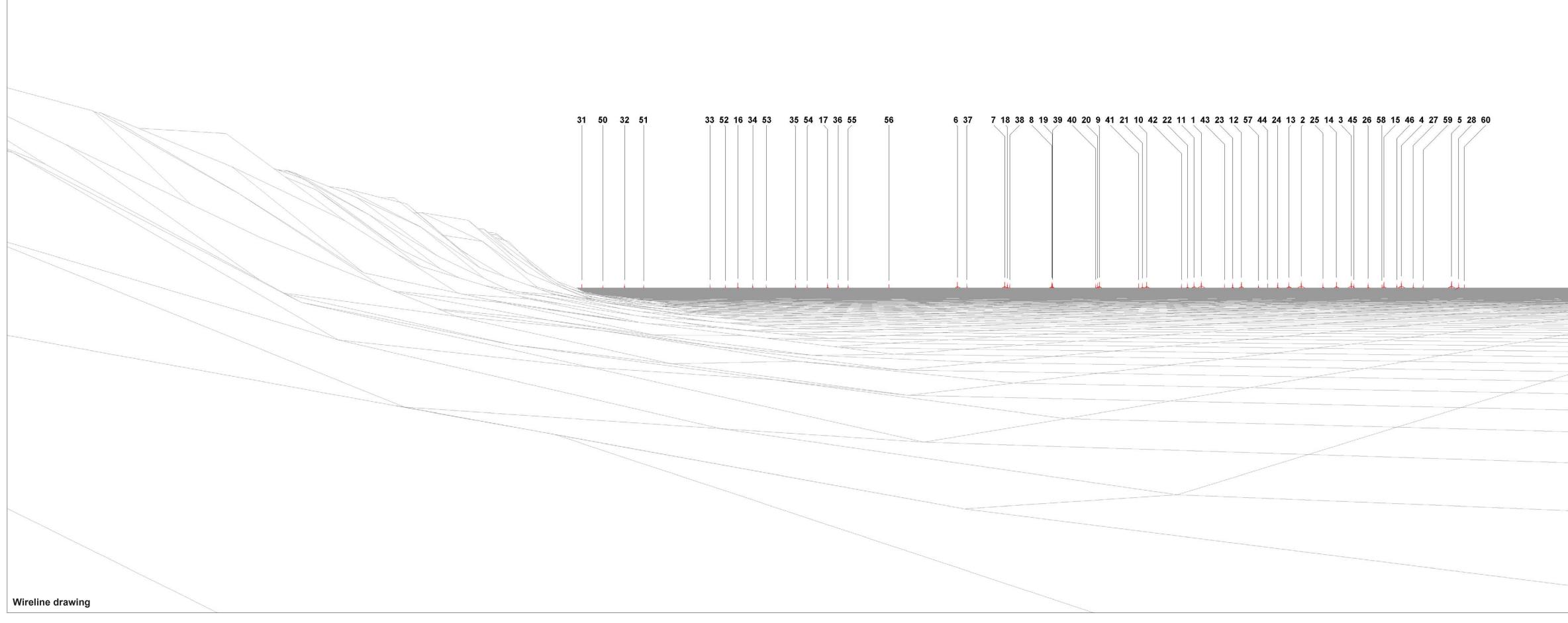


Figure: 28.53c Viewpoint F: Bawdsey Manor



633723 E 237868 N 3.98m AOD 68° 51.239 km

Horizontal field of view:53.5° (planar projection)Principal distance812.5 mmPaper size:841 x 297 mmCorrect printed image size:820 x 260 mm

Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 16/09/17, 11:51

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Figure: 28.53d Viewpoint F: Bawdsey Manor



633723 E 237868 N 3.98m AOD 68° 51.239 km

Horizontal field of view:53.5° (planar projection)Principal distance812.5 mmPaper size:841 x 297 mmCorrect printed image size:820 x 260 mm

Camera: Lens: Camera height: Date and time: Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 16/09/17, 11:51

Figure: 28.53e Viewpoint F: Bawdsey Manor