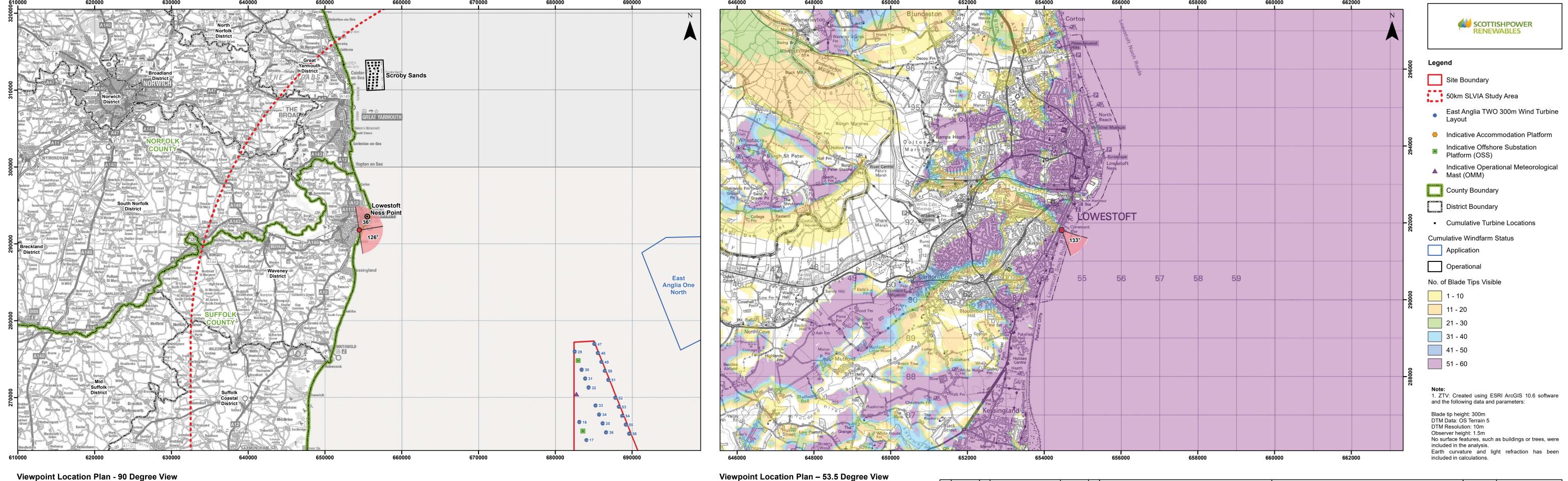
## East Anglia TWO 300m wind turbine layout (EA2) Offshore Windfarm

Coastal Visualisations









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

Scale: 1:50,000

4 16/01/2019 TH Update Document Reference 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.

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East Anglia TWO
Viewpoint: 1

 Doc Ref
 EA2-DEVWF-ENV-REP-IBR-000823

 Rev
 4
 Datum: WGS 1984 Projection: Zone 31N

 Figure
 28.26a



654451 E 291813 N 7.3 m AOD 32.346 km

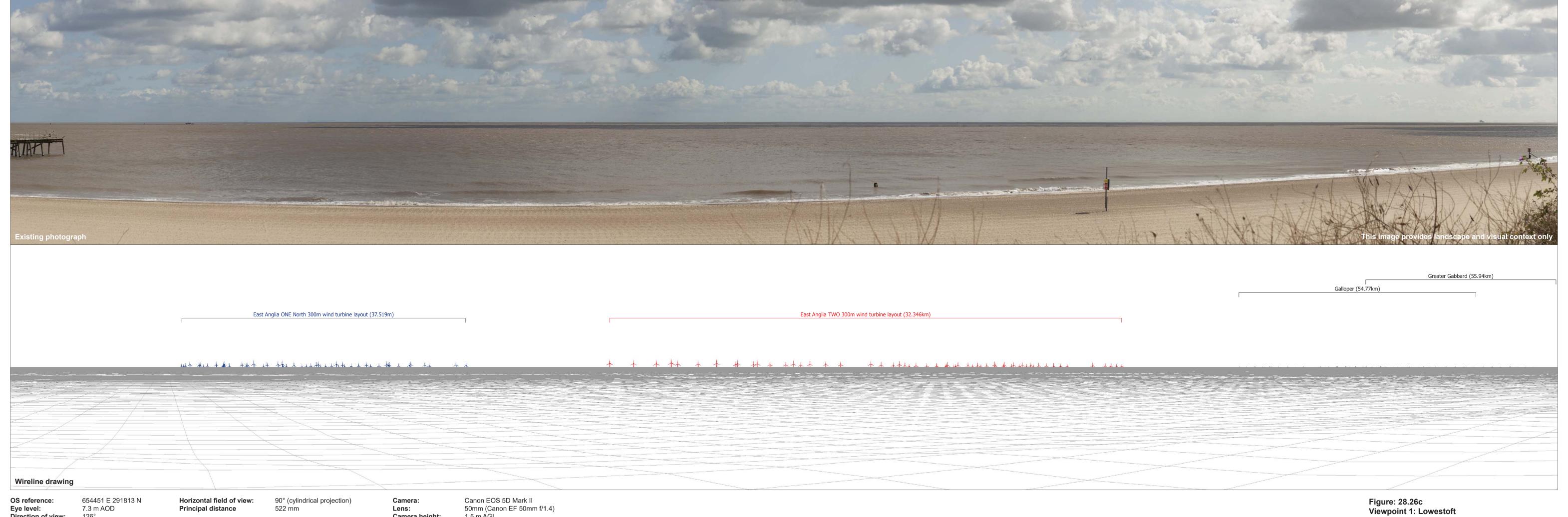
Horizontal field of view: Principal distance

90° (cylindrical projection) 522 mm

Camera height:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 12/09/17, 12:33

Figure: 28.26b Viewpoint 1: Lowestoft



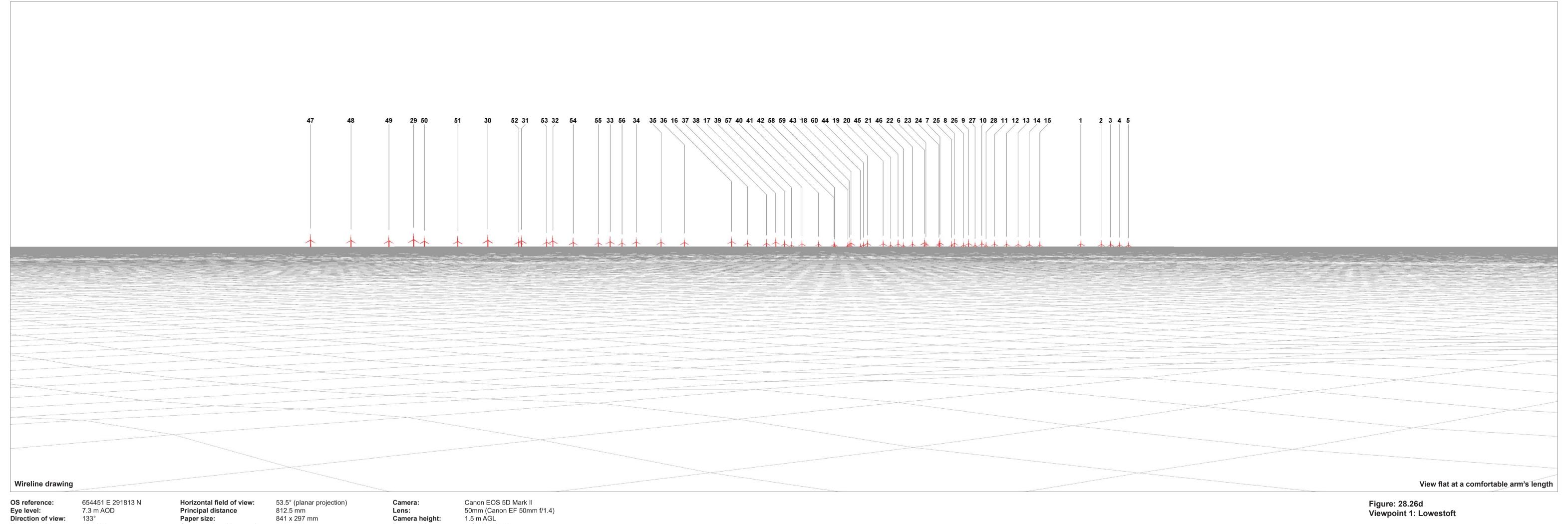
Eye level: Direction of view: Nearest turbine:

32.346 km

Principal distance

Camera height:

1.5 m AGL 12/09/17, 12:33



Eye level: Direction of view: Nearest turbine:

841 x 297 mm Correct printed image size: 820 x 260 mm

1.5 m AGL 12/09/17, 12:33 Date and time:

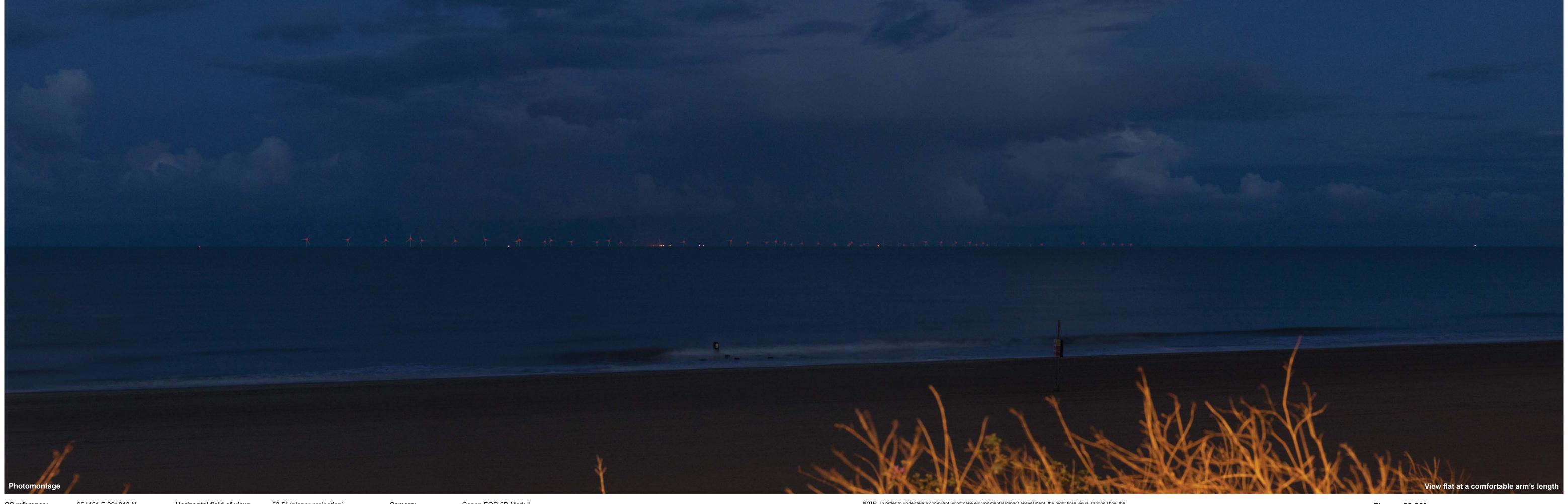


654451 E 291813 N 7.3 m AOD

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

Camera: 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

Principal distance Paper size:

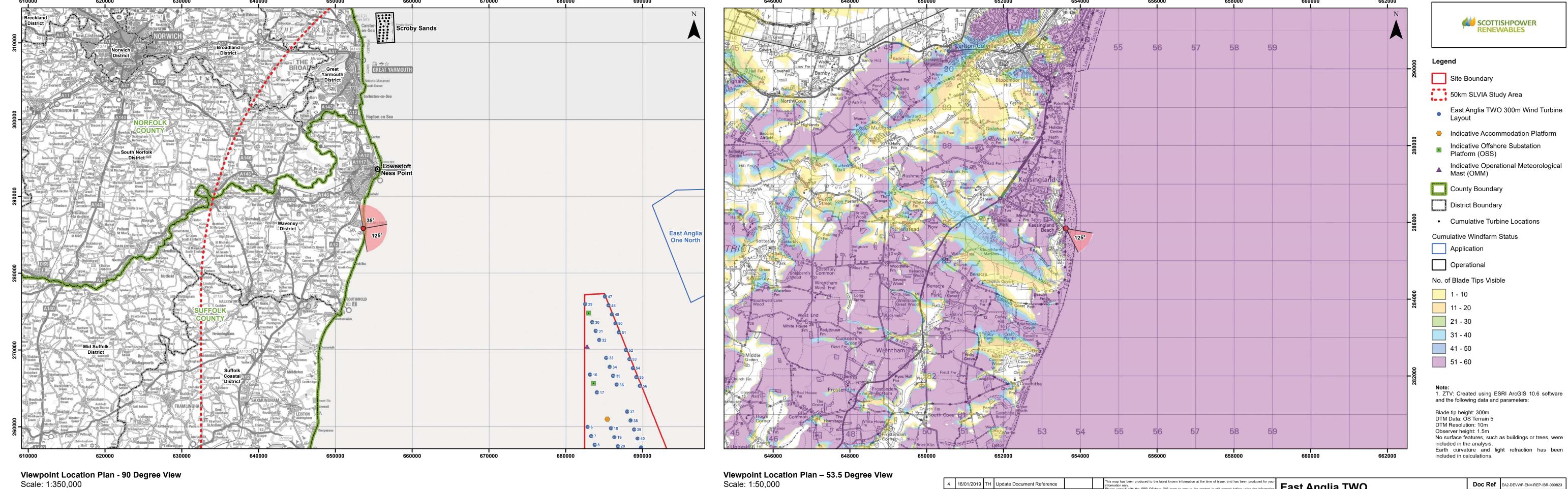
Horizontal field of view: 53.5° (planar projection) 812.5 mm 841 x 297 mm Correct printed image size: 820 x 260 mm

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, 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 to be dimmed then it is unlikely that the actual visibility of aviation warning lights to be dimmed then it is unlikely that the actual visibility of aviation warning lights to be dimmed then it is unlikely that the actual visibility of aviation warning lights to be dimmed. 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

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Doc Ref EA2-DEVWF-ENV-REP-IBR-000823 East Anglia TWO Viewpoint: 2 16/01/19 Projection:

28.27a

P:\2015\150887\_EA1N&2\GIS\ArcGIS\ArcMap\OFFSHORE\_WF\PIER\_EA2\Rev\_04\150887\_EA2\_Fig28\_26-53\_rv4\_VPlocs\_DDP.mxd



Eye level: Direction of view: Nearest turbine:

30.656 km

Horizontal field of view: Principal distance

90° (cylindrical projection) 522 mm

Camera height:

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

Figure: 28.27b Viewpoint 2: Kessingland Beach

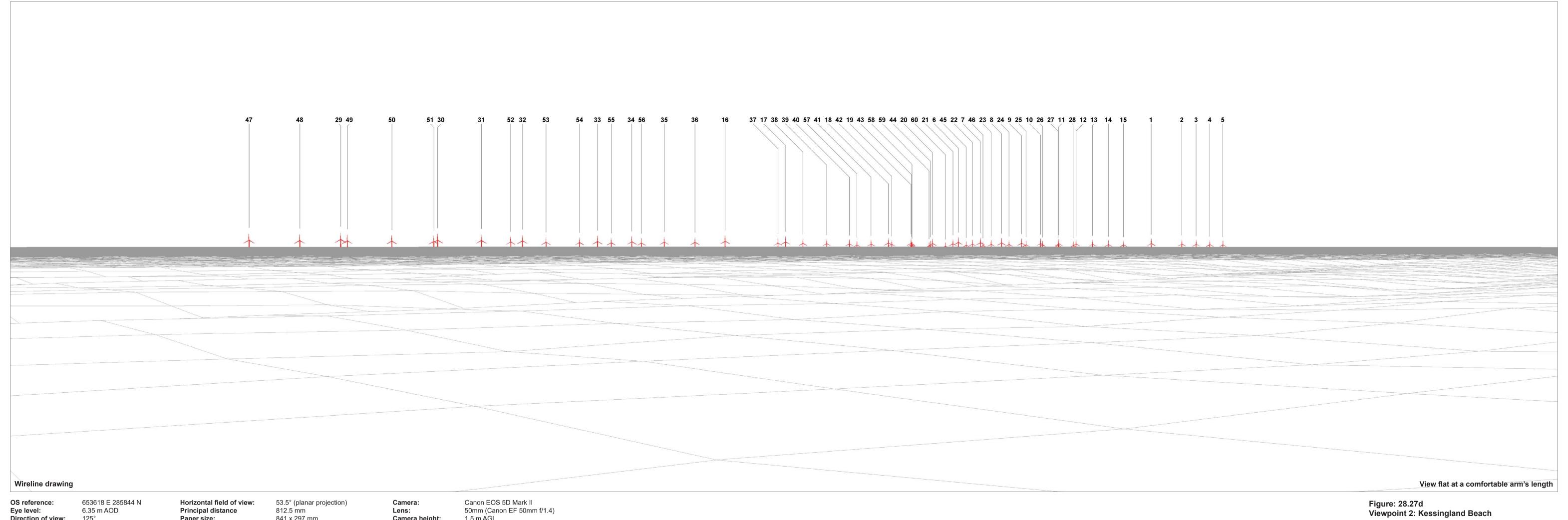


Direction of view: Nearest turbine:

30.656 km

Camera height:

1.5 m AGL 12/09/17, 12:04



Eye level: Direction of view: Nearest turbine:

30.656 km

Paper size: 841 x 297 mm
Correct printed image size: 820 x 260 mm

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



653618 E 285844 N 6.35 m AOD 30.656 km

Horizontal field of view: Principal distance

53.5° (planar projection) 812.5 mm Paper size: 841 x 297 mm
Correct 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

Figure: 28.27e Viewpoint 2: Kessingland Beach



OS reference: Eye level: Direction of view:

653618 E 285844 N 6.35 m AOD 125° Nearest turbine: 30.656 km

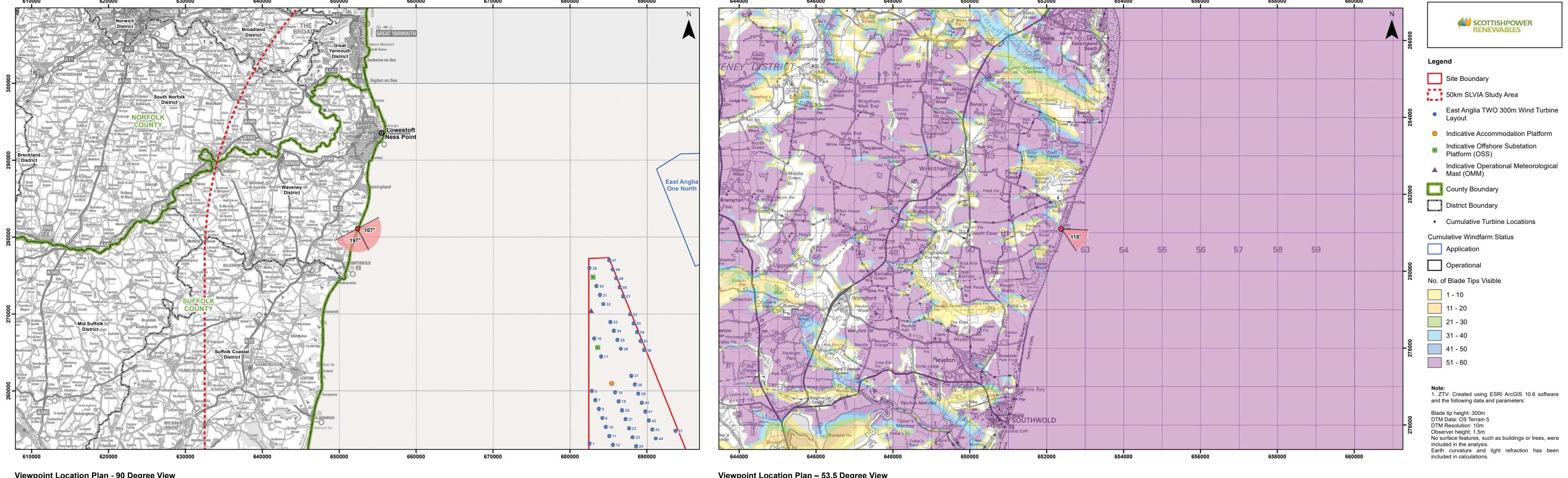
Horizontal field of view: Principal distance Paper size:

53.5° (planar projection) 812.5 mm 841 x 297 mm Correct 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 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 poore 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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East Anglia TWO
Viewpoint: 3
Covehithe

Doc Ref EA2-DEVWF-ENV-REP-IBR-000823
Rev 4 Datum: WGS 1984
Projection:

28.28a



Direction of view:

Nearest turbine: 30.694 km Camera height:

1.5 m AGL 12/07/18 18:37



Greater Gabbard (46.44km)

Galloper (45.86km)

Wireline drawing

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

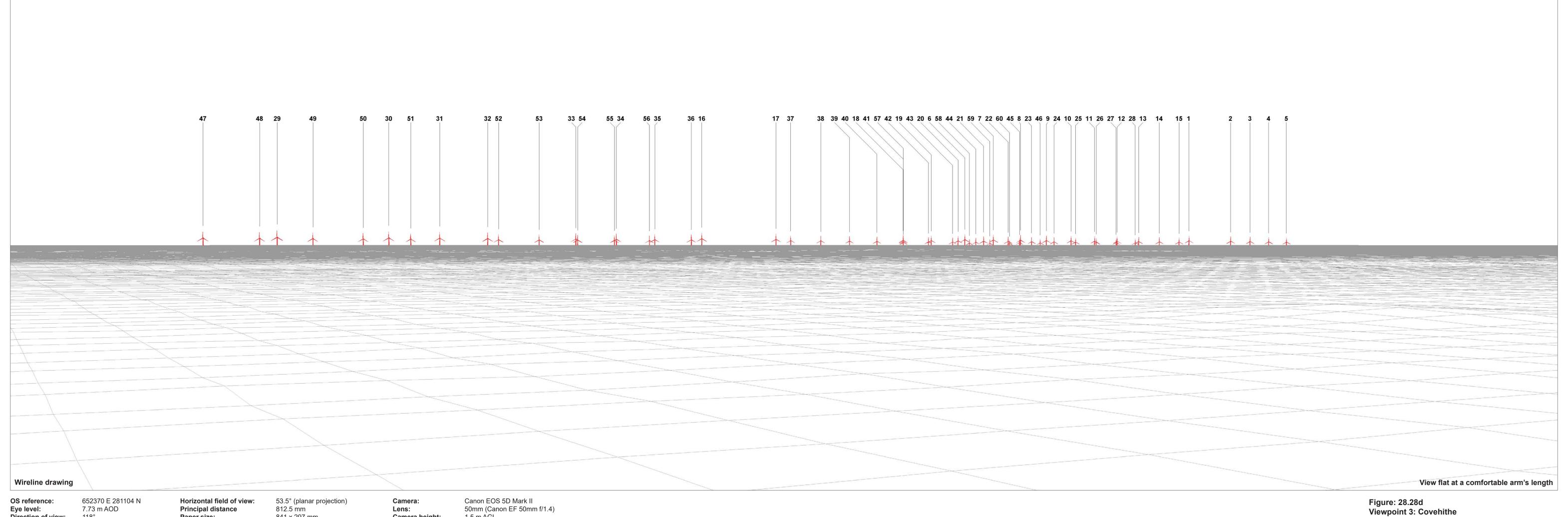
652370 E 281104 N 7.73 m AOD 30.694 km

90° (cylindrical projection) 522 mm Horizontal field of view: Principal distance

Camera: Camera height:

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

Figure: 28.28c Viewpoint 3: Covehithe



Direction of view: 118° Nearest turbine: 30.694

30.694 km

Paper size: Correct printed image size: 820 x 260 mm

841 x 297 mm

Camera height: Date and time: 1.5 m AGL 12/07/18 18:37



652370 E 281104 N 7.73 m AOD

Horizontal field of view: 53.5° (planar projection)

Principal distance 812.5 mm

Paper size: 841 x 297 mm

Correct printed image size: 820 x 260 mm

Camera: Lens: Camera height: 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



Direction of view:

Nearest turbine: 30.694 km Camera height:

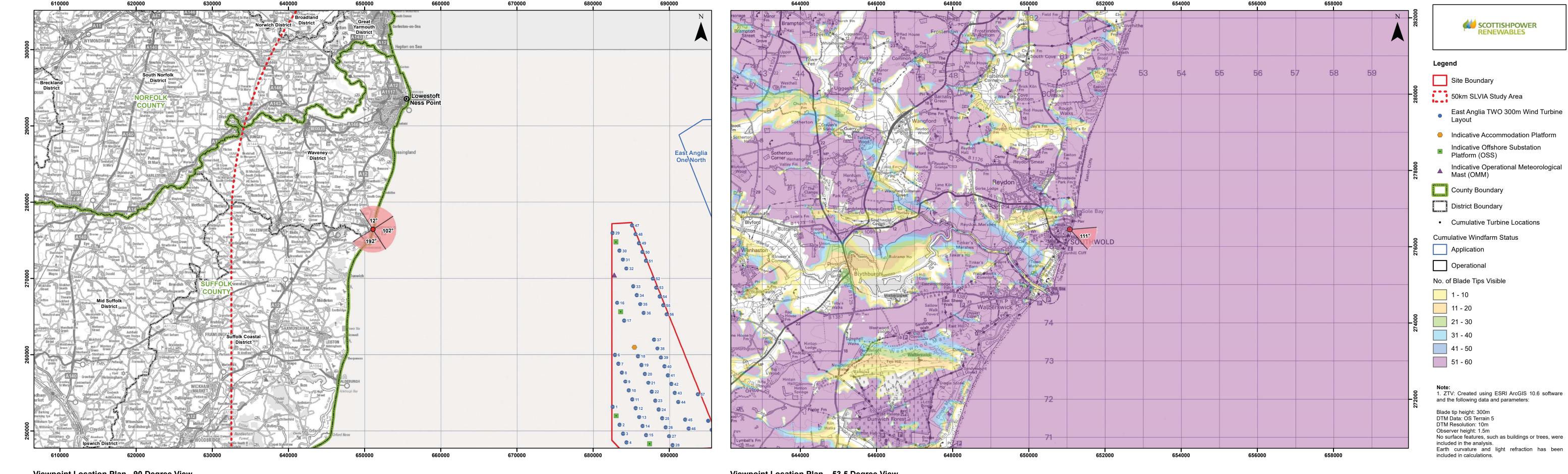
1.5 m AGL 12/07/18 18:37



Direction of view: Nearest turbine:

31.188 km

1.5 m AGL 12/07/18 18:37



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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East Anglia TWO Viewpoint: 4

Doc Ref EA2-DEVWF-ENV-REP-IBR-000823 Datum: Date 16/01/19 Projection:

SCOTTISHPOWER RENEWABLES

Indicative Operational Meteorological Mast (OMM)



Scroby Sands (34.06m)

Lowestoft Ness Point (17.67km)

Wireline drawing

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

651072 E 276454 N 11.07 m AOD 31.555 km

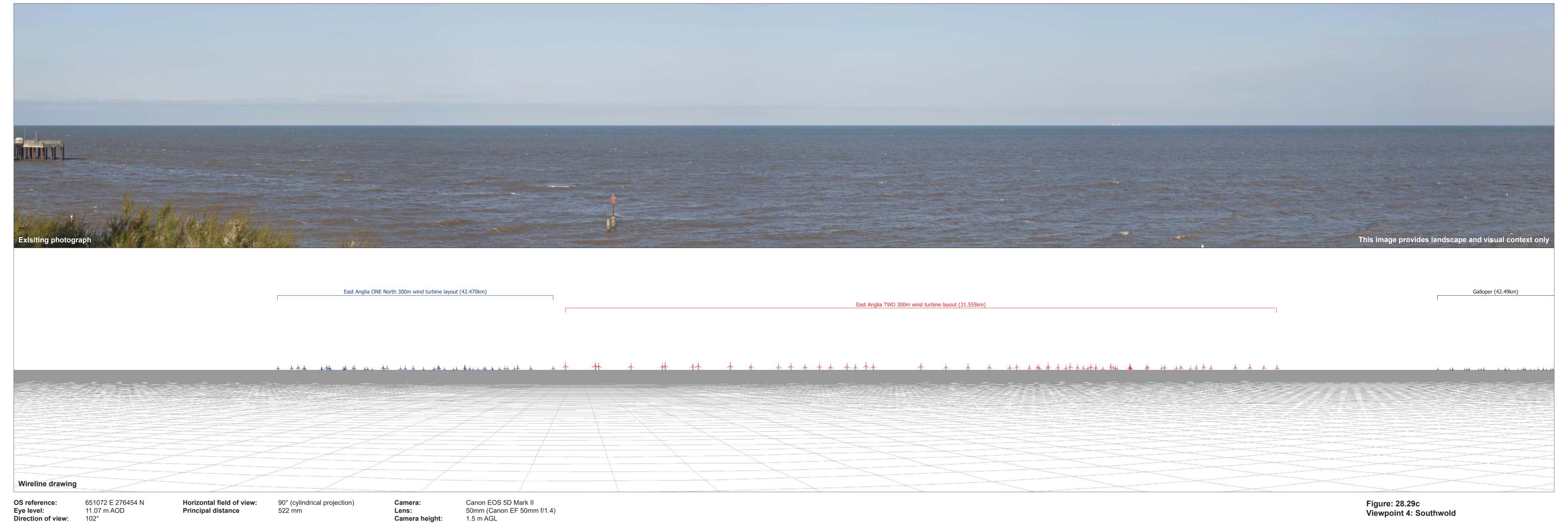
Horizontal field of view: Principal distance

90° (cylindrical projection) 522 mm

Camera:

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

Figure: 28.29b Viewpoint 4: Southwold



Direction of view: Nearest turbine:

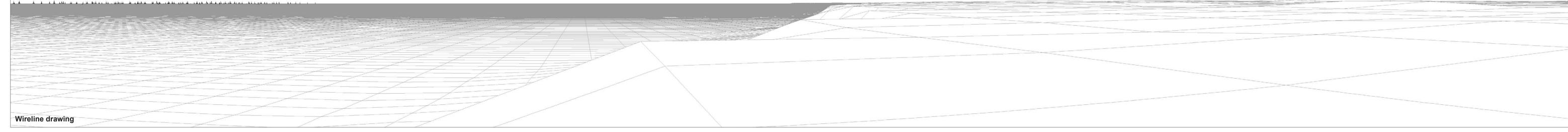
31.555 km

1.5 m AGL 12/07/18, 17:36



Greater Gabbard (42.69km)

Galloper (42.49km)

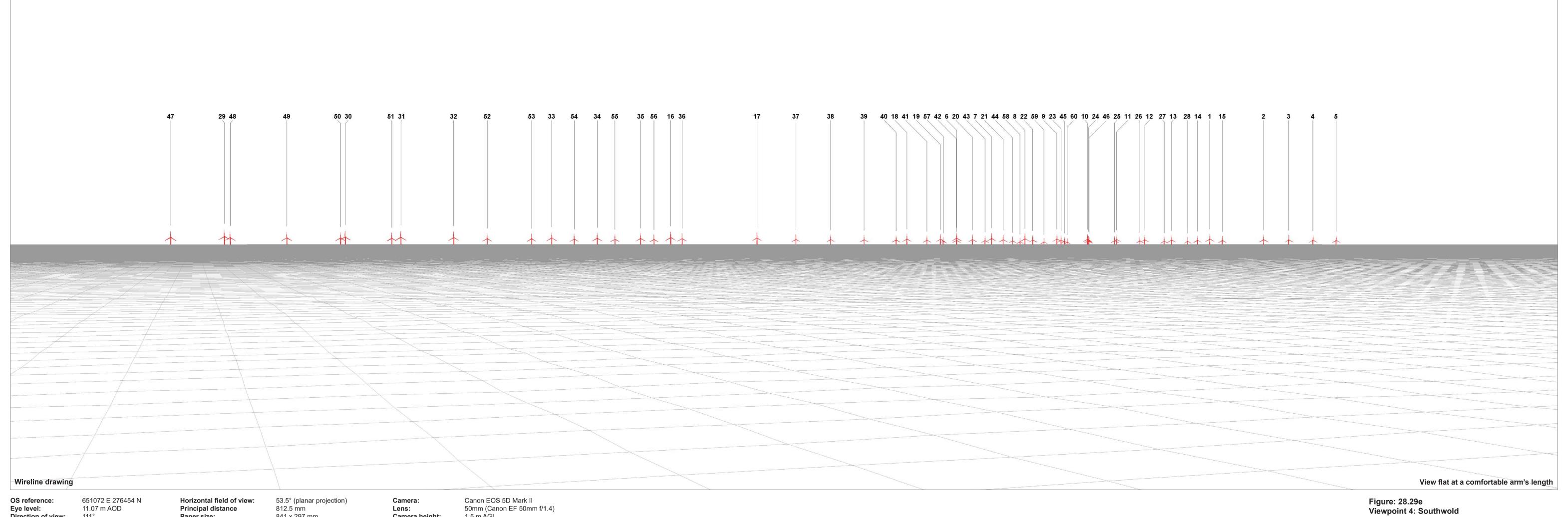


OS reference: Eye level: Direction of view: Nearest turbine:

651072 E 276454 N 11.07 m AOD ew: 192° e: 31.555 km Horizontal field of view: Principal distance

90° (cylindrical projection) 522 mm Camera: Canon EOS :
Lens: 50mm (Cano
Camera height: 1.5 m AGL
Date and time: 12/07/18, 17:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 12/07/18, 17:36 Figure: 28.29d Viewpoint 4: Southwold



Direction of view: 111° Nearest turbine: 31.556

31.555 km

Paper size:

841 x 297 mm Correct printed image size: 820 x 260 mm Camera height: Date and time:

1.5 m AGL 12/07/18, 17:36



651072 E 276454 N 11.07 m AOD 31.555 km

Horizontal field of view: 53.5° (planar projection)

Principal distance 812.5 mm

Paper size: 841 x 297 mm

Correct 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



11.07 m AOD 31.555 km

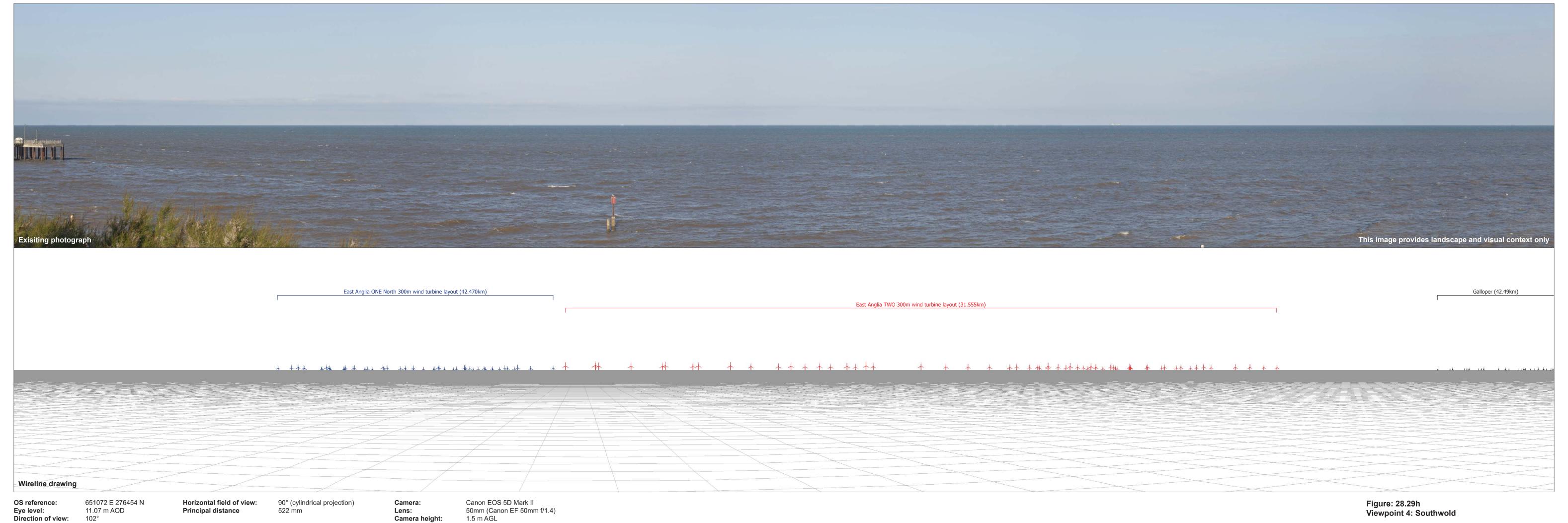
Horizontal field of view: Principal distance Paper size:

53.5° (planar projection) 812.5 mm 841 x 297 mm Correct 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, 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 proper visibility conditions as shown on the visualisations due to poorer visibility conditions.

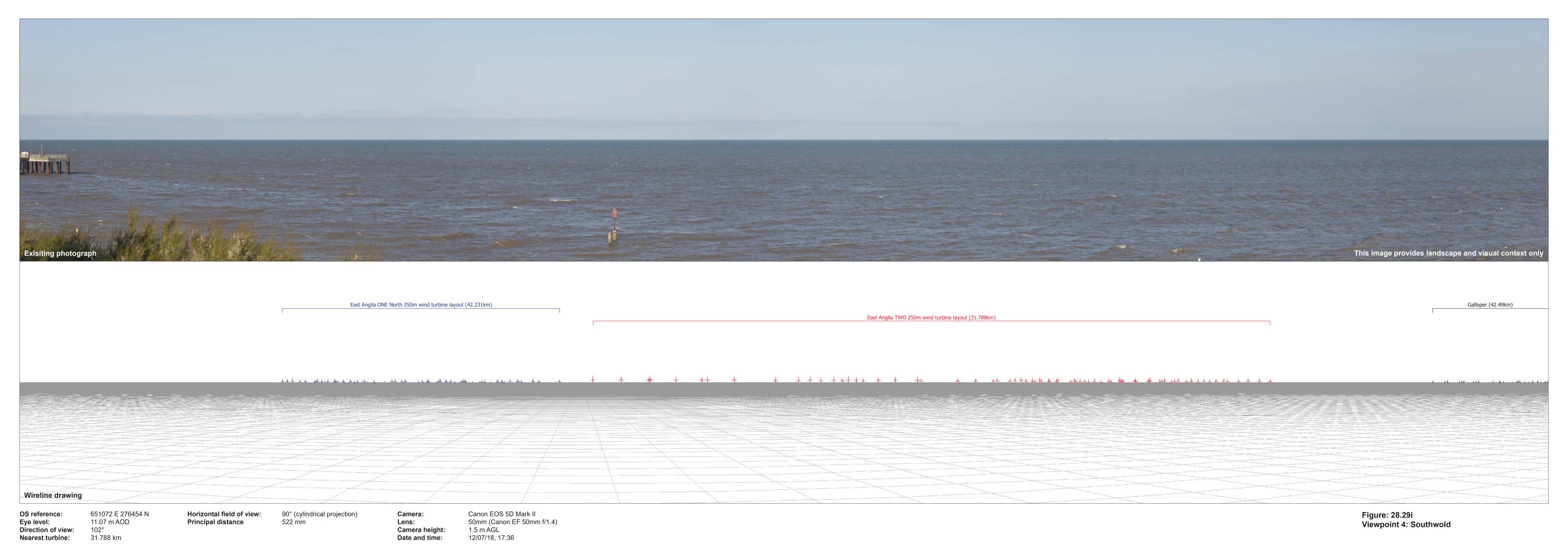
Figure: 28.29g Viewpoint 4: Southwold

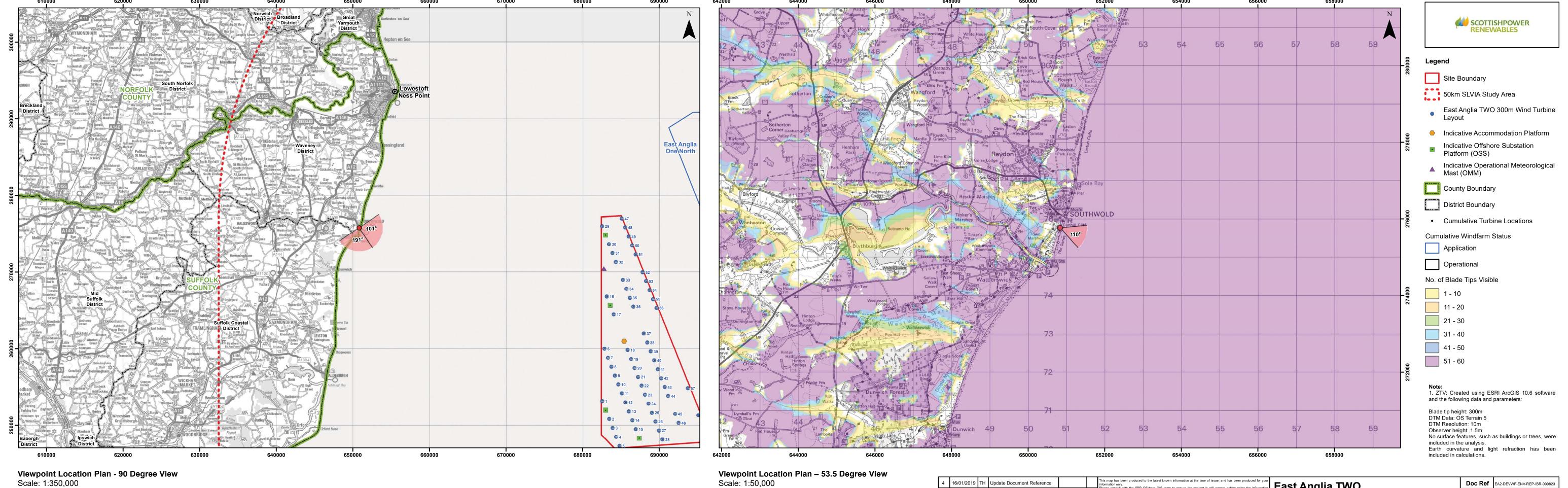


Direction of view: Nearest turbine:

31.555 km

1.5 m AGL 12/07/18, 17:36

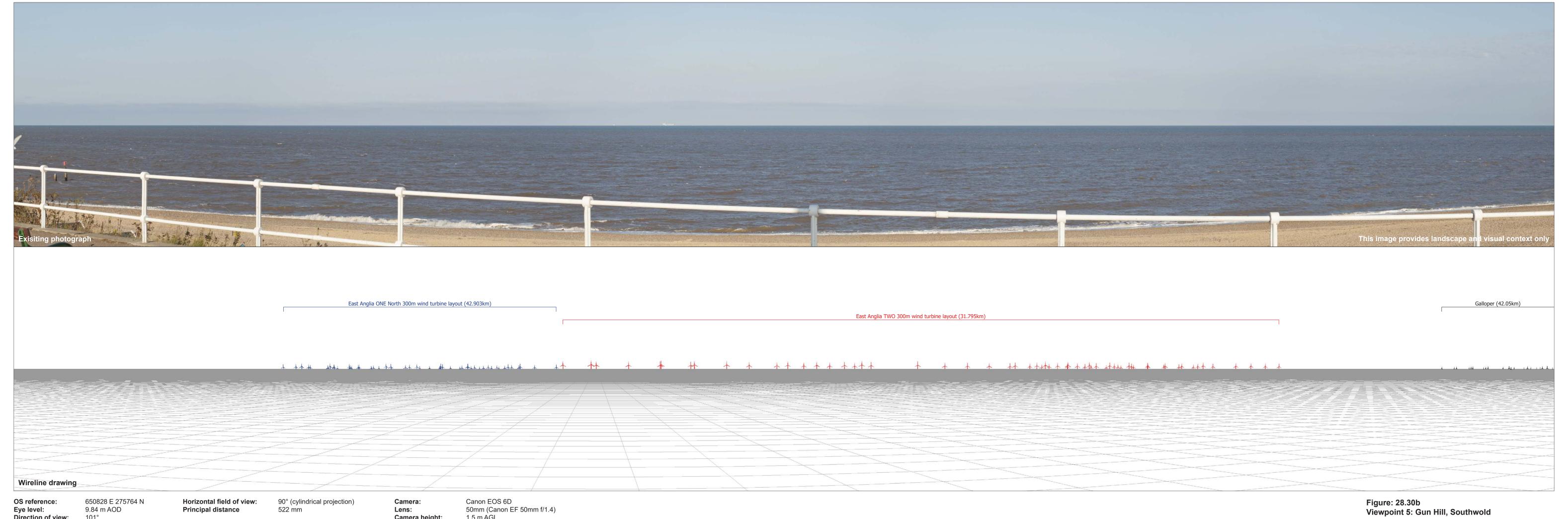




Scale: 1:50,000

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East Anglia TWO Doc Ref EA2-DEVWF-ENV-REP-IBR-000823 Datum: Viewpoint: 5 Date 16/01/19 Projection: Gun Hill, Southwold 28.30a



Direction of view: Nearest turbine:

31.795 km

Camera height:

1.5 m AGL 12/07/18, 18:02



Greater Gabbard (42.17km)

Galloper (42.05km)

Wireline drawing

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

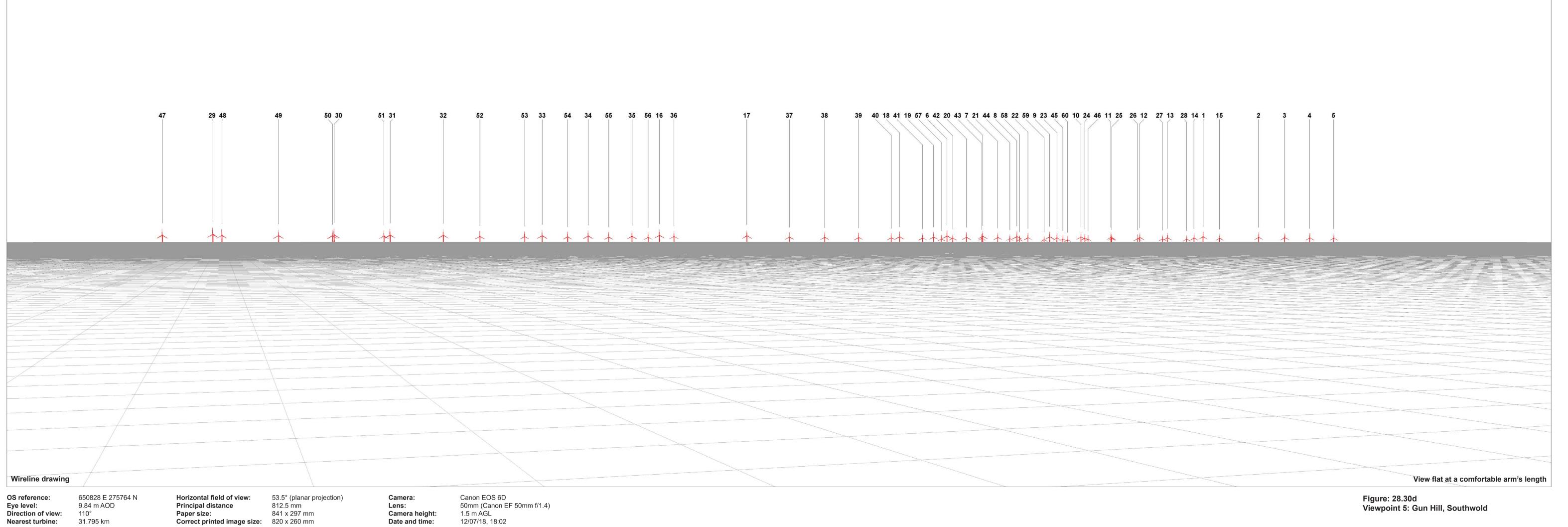
650828 E 275764 N 9.84 m AOD 191° 31.795 km

Horizontal field of view: Principal distance 90° (cylindrical projection) 522 mm Camera: Ca Lens: 50 Camera height: 1.8

Date and time:

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

Figure: 28.30c Viewpoint 5: Gun Hill, Southwold



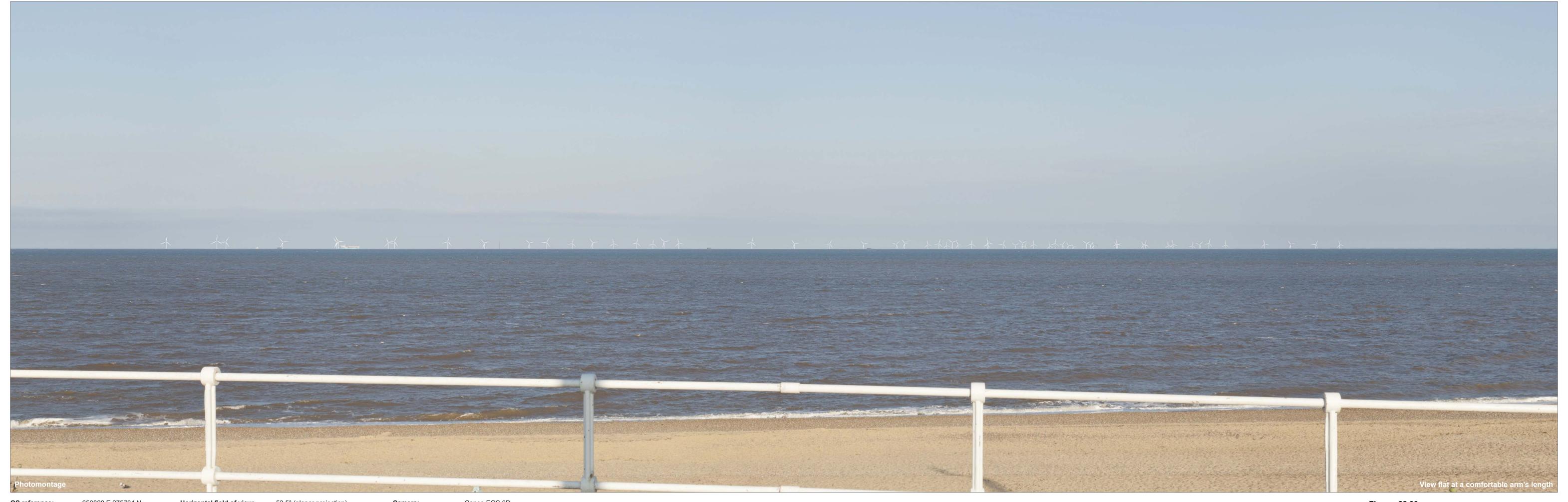
31.795 km

Paper size: Correct printed image size: 820 x 260 mm

841 x 297 mm

Camera height: Date and time:

1.5 m AGL 12/07/18, 18:02



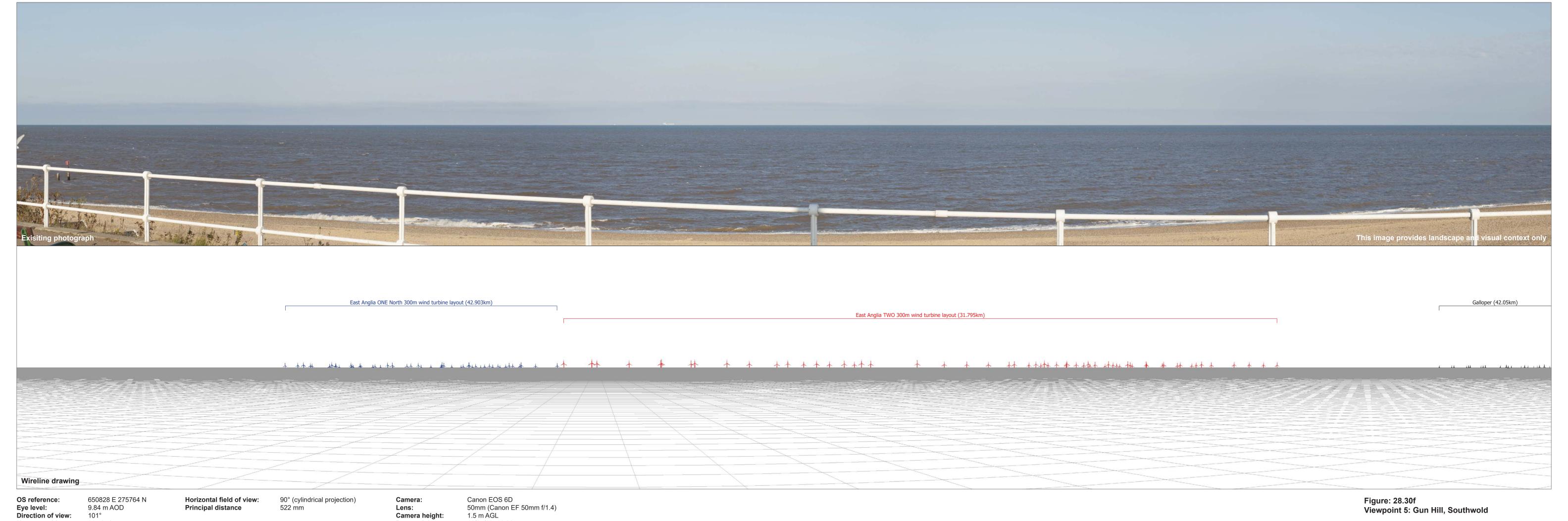
650828 E 275764 N 9.84 m AOD 110° 31.795 km

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

Camera: Lens: Camera height: Date and time:

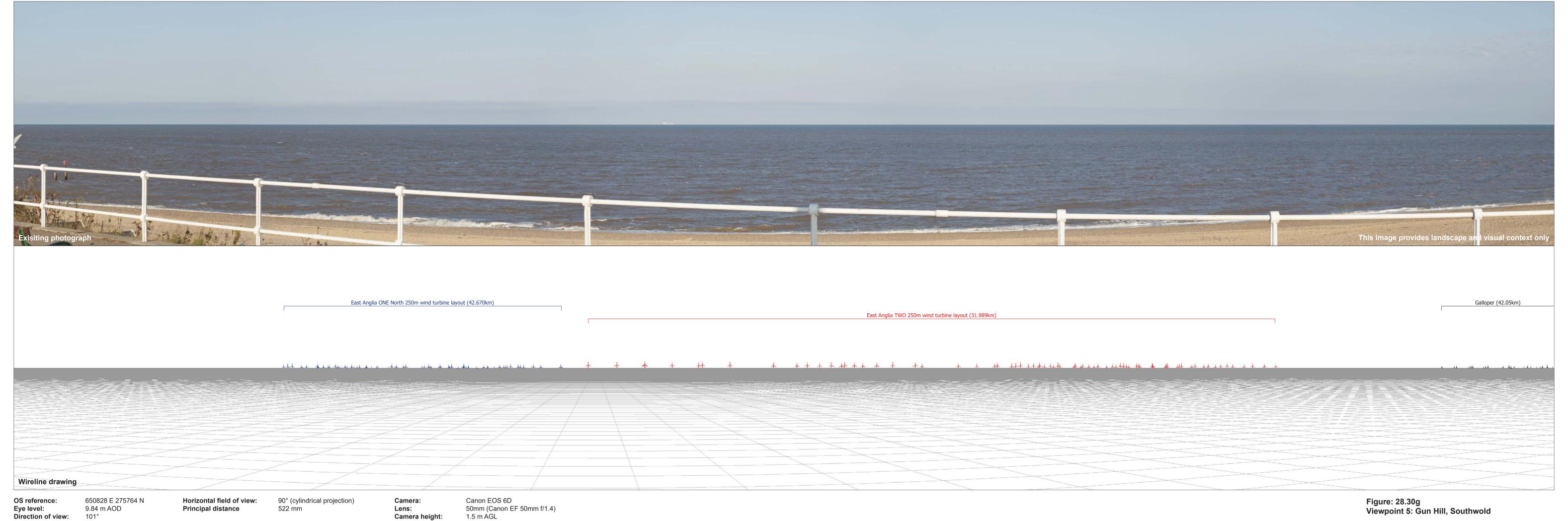
Canon EOS 6D 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 12/07/18, 18:02

Figure: 28.30e Viewpoint 5: Gun Hill, Southwold



31.795 km Nearest turbine:

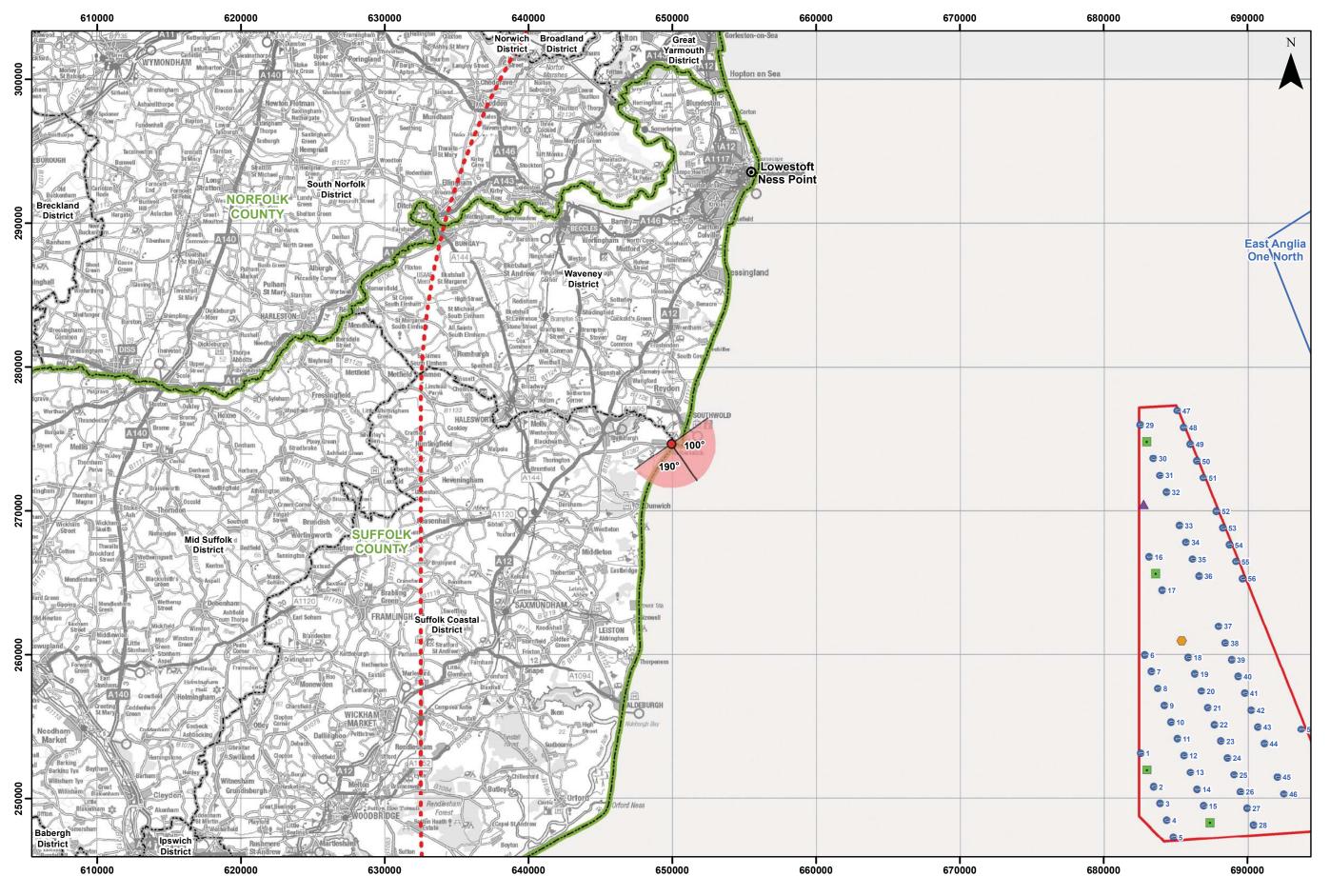
1.5 m AGL 12/07/18, 18:02



Direction of view: Nearest turbine:

31.989 km

1.5 m AGL 12/07/18, 18:02 Date and time:



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



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Re	v Date	Ву	Comment	Approved:	LT		

ast Anglia TWO	Doc Ref	EA2-DEVWF-ENV-REP-IBR-000	
/iewpoint: 6	Rev	4	Datum:
Valberswick	Date	16/01/19	WGS 198
	Figure	28.31a	Zone 31N

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•	Indicative Offshore Substation Platform (OSS)
	Indicative Operational Meteorolog Mast (OMM)
	County Boundary
	District Boundary

SCOTTISHPOWER RENEWABLES

East Anglia TWO 300m Wind Turbine Layout

Indicative Accommodation Platform

Cumulative Windfarm Status Application

Cumulative Turbine Locations

Operational No. of Blade Tips Visible 1 - 10

Site Boundary

50km SLVIA Study Area

11 - 20 21 - 30

31 - 40 41 - 50

51 - 60

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.

Earth curvature and light refraction has been included in calculations.



East Anglia ONE North 300m wind turbine layout (44.089km)

East Anglia TWO 300m wind turbine layout (32.711km)

Galloper (41.63km)

Wireline drawing

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

649936 E 274658 N 3.89 m AOD : 100° 32.711 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, 17:58

Figure: 28.31b Viewpoint 6: Walberswick



Galloper (41.63km)

Greater Gabbard (41.59km)

Wireline drawing

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

649936 E 274658 N 3.89 m AOD

32.711 km

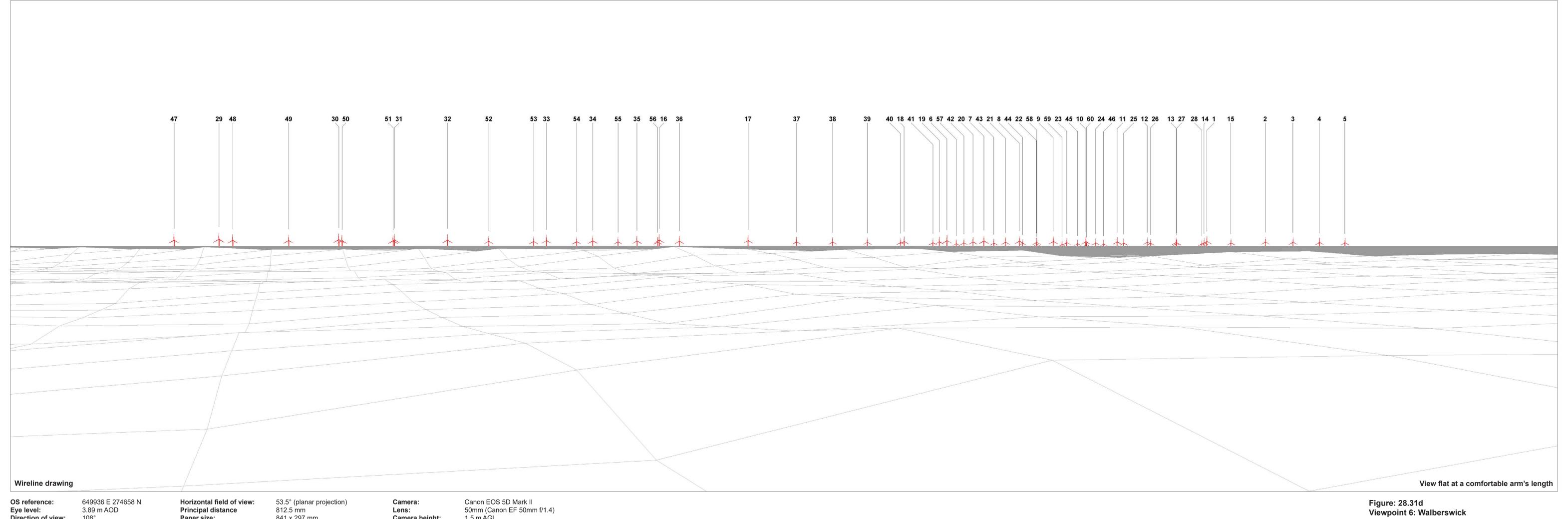
Horizontal field of view: Principal distance

90° (cylindrical projection)

Camera: Camera height:

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

Figure: 28.31c Viewpoint 6: Walberswick



Eye level: Direction of view: Nearest turbine:

32.711 km

Paper size: 841 x 297 mm
Correct printed image size: 820 x 260 mm

Camera height: Date and time:

1.5 m AGL 13/07/18, 17:58



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

649936 E 274658 N 3.89 m AOD

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

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

Camera:

Figure: 28.31e Viewpoint 6: Walberswick



East Anglia ONE North 300m wind turbine layout (44.089km)

East Anglia TWO 300m wind turbine layout (32.711km)

Galloper (41.63km)

Wireline drawing

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

649936 E 274658 N 3.89 m AOD 32.711 km

Horizontal field of view: Principal distance

90° (cylindrical projection)

Camera:

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

Figure: 28.31f Viewpoint 6: Walberswick



East Anglia ONE North 250m wind turbine layout (43.863km)

East Anglia TWO 250m wind turbine layout (32.845km)

Wireline drawing

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

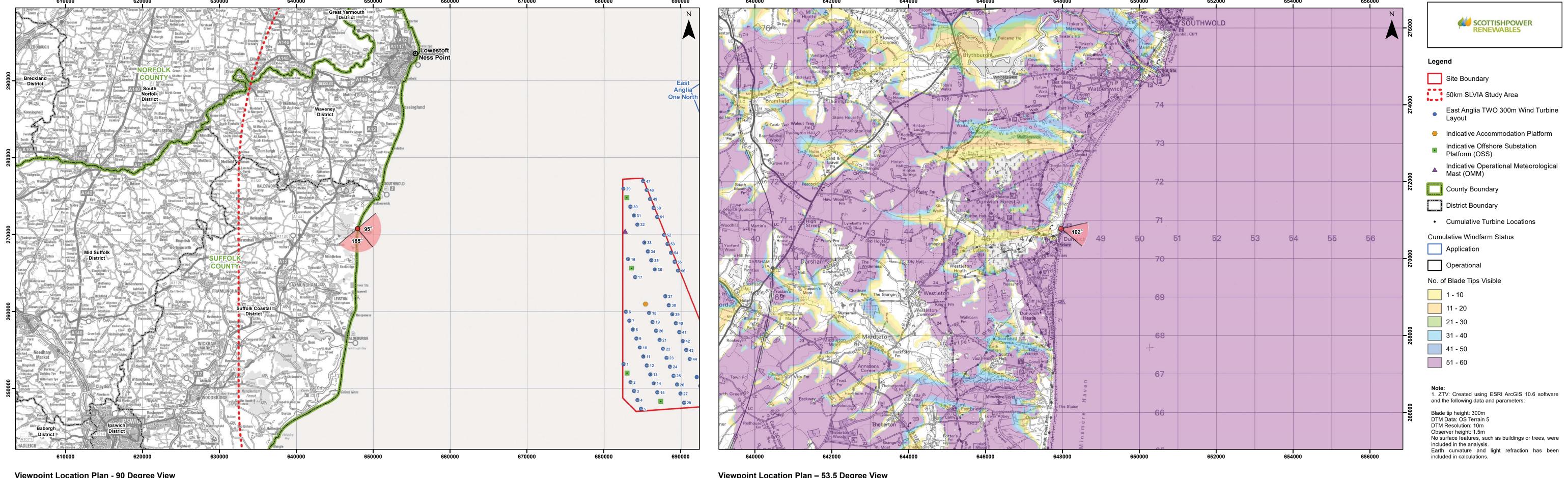
649936 E 274658 N 3.89 m AOD 100° 32.845 km Horizontal field of view: Principal distance

eld of view: 90° (cylindrical projection) sance 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, 17:58 Figure: 28.31g Viewpoint 6: Walberswick



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 TH Update Document Reference

3 19/12/2018 TH Update Layout Prepared: TH

2 02/11/2018 LA Minor Edits

Checked: SM

Rev Date By Comment

Approved: LT

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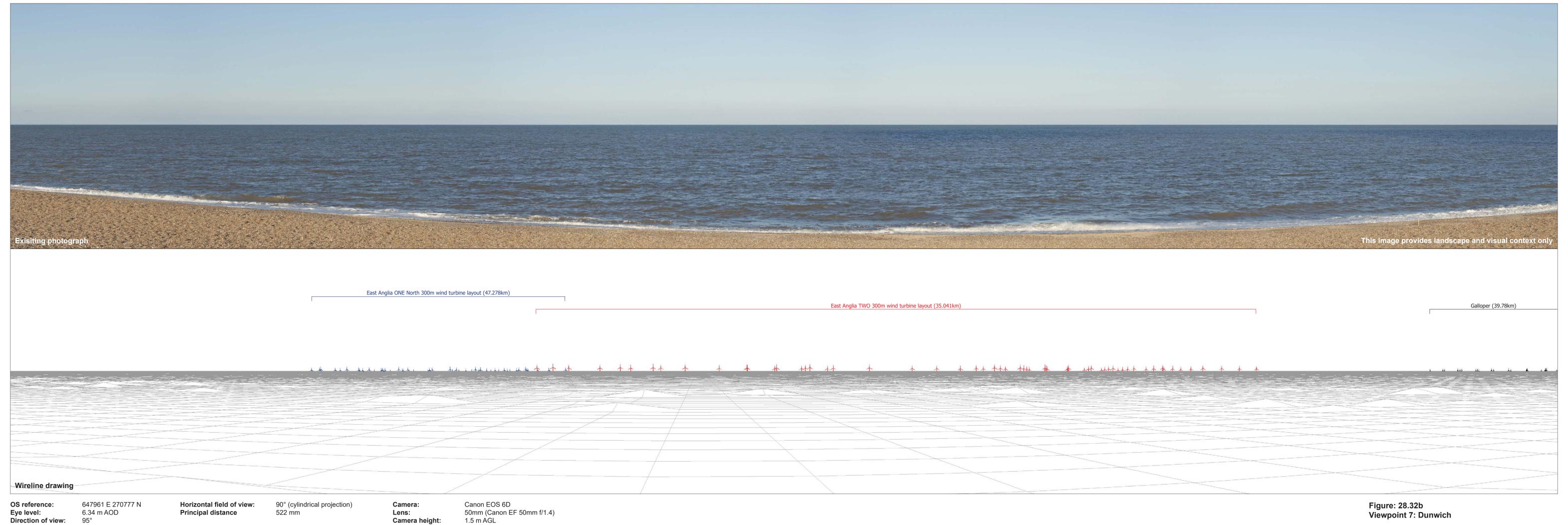
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East Anglia TWO
Viewpoint: 7
Dunwich

Doc Ref EA2-DEVWF-ENV-REP-IBR-000823
Rev 4
Datum: WGS 1984
Projection:

28.32a

P:\2015\150887\_EA1N&2\GIS\ArcGIS\ArcMap\OFFSHORE\_WF\PIER\_EA2\Rev\_04\150887\_EA2\_Fig28\_26-53\_rv4\_VPlocs\_DDP.mxd



Direction of view: Nearest turbine:

35.041 km

1.5 m AGL 13/07/18, 18:23 Date and time:



Galloper (39.78km)

Greater Gabbard (39.25km)

Wireline drawing

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

647961 E 270777 N 6.34 m AOD

35.041 km

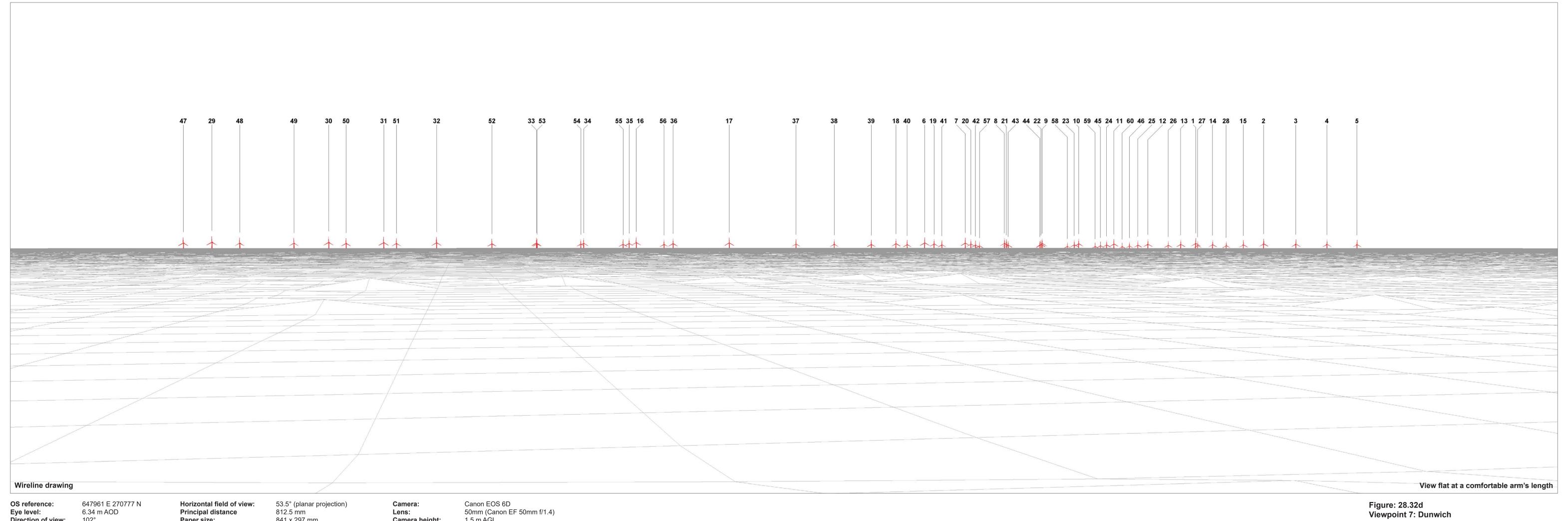
Horizontal field of view: Principal distance

90° (cylindrical projection) 522 mm

Camera: Camera height:

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

Figure: 28.32c Viewpoint 7: Dunwich



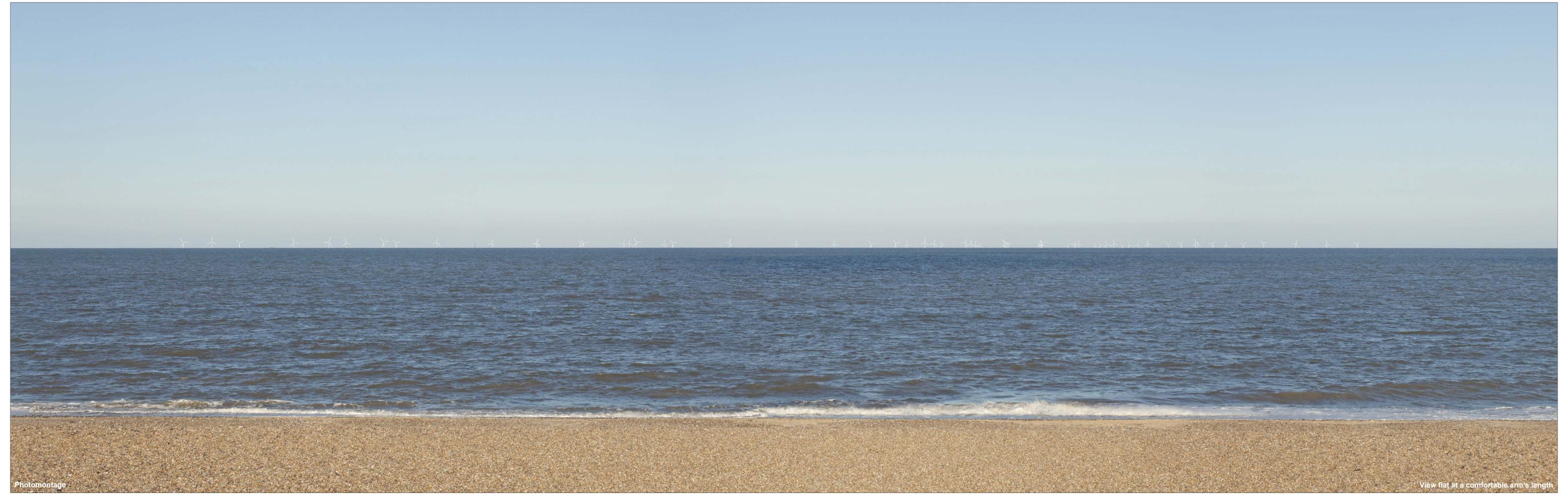
Eye level: Direction of view: Nearest turbine:

35.041 km

Paper size: 841 x 297 mm
Correct printed image size: 820 x 260 mm

Camera height: Date and time:

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



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

647961 E 270777 N 6.34 m AOD 35.041 km

Horizontal field of view: Principal distance

53.5° (planar projection) 812.5 mm Paper size: 841 x 297 mm
Correct 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 13/07/18, 18:23

Figure: 28.32e Viewpoint 7: Dunwich



Direction of view: Nearest turbine: 35.041 km

Camera height:

Date and time:

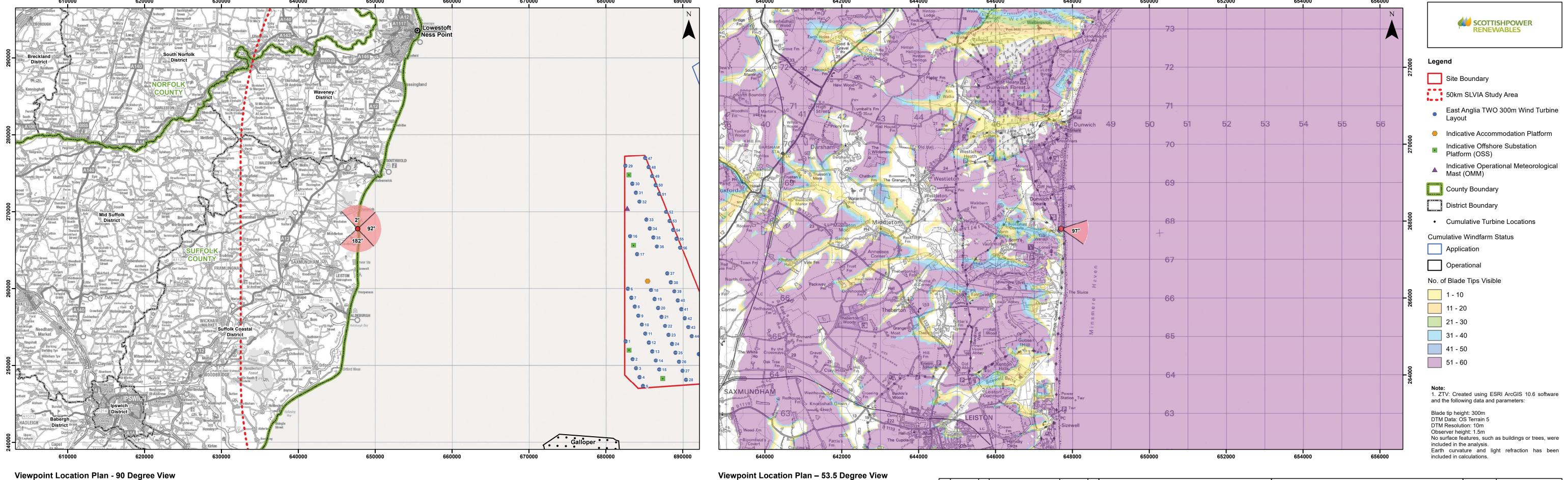
1.5 m AGL 13/07/18, 18:23



Direction of view: Nearest turbine: 34.982 km

Camera height:

1.5 m AGL 13/07/18, 18:23 Date and time:



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

Scale: 1:50,000

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East Anglia TWO

Dunwich Heath & Beach (Coastguard Cottages)

Doc Ref EA2-DEVWF-ENV-REP-IBR-000823 Datum: 16/01/19 Projection: Figure 28.33a



Scroby Sands (43.14km)

Lowestoft Ness Point (26.91km)

Wireline drawing

OS reference: Eye level: Direction of view: Nearest turbine: 647700 E 267801 N 18.28 m AOD 35.551 km

Horizontal field of view: Principal distance

90° (cylindrical projection) 522 mm

Camera: Camera height:

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

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



East Anglia ONE North 300m wind turbine layout (48.682km)

East Anglia TWO 300m wind turbine layout (35.551km)

Galloper (37.75km)

Wireline drawing

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

ence: 647700 E 267801 N
el: 18.28 m AOD
n of view: 92°
turbine: 35.551 km

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 13/07/18, 18:42

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



Galloper (37.75km)

Greater Gabbard (36.94km)

Wireline drawing

OS reference:

647700 E 267801 N 18.28 m AOD Eye level: Direction of view: Nearest turbine: 35.551 km

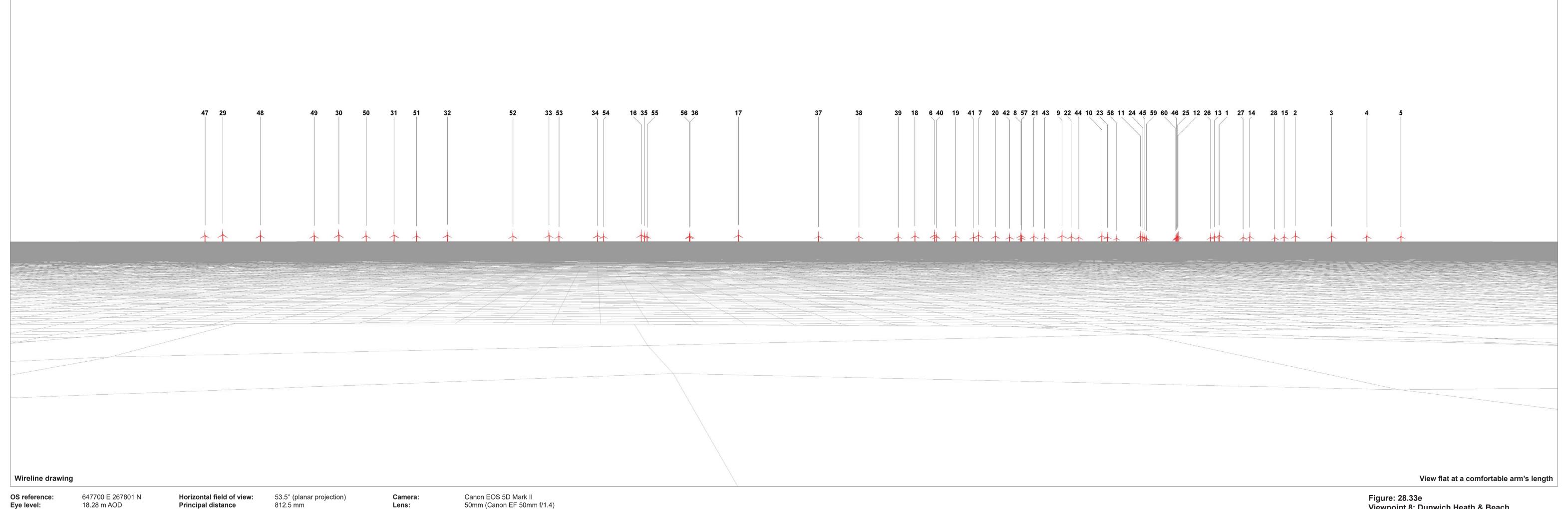
Horizontal field of view: Principal distance

90° (cylindrical projection) 522 mm

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



Direction of view: Nearest turbine:

18.28 m AOD 35.551 km

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

812.5 mm 841 x 297 mm Camera height: Date and time:

1.5 m AGL 13/07/18, 18:42 Figure: 28.33e
Viewpoint 8: Dunwich Heath & Beach (Coastguard cottages)



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

647700 E 267801 N 18.28 m AOD

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

Camera: 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)



East Anglia ONE North 300m wind turbine layout (48.682km)

East Anglia TWO 300m wind turbine layout (35.551km)

Galloper (37.75km)

Wireline drawing

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

647700 E 267801 N 18.28 m AOD v: 92° 35.551 km

Horizontal field of view: 9
Principal distance 5

90° (cylindrical projection) 522 mm Camera: Can Lens: 50m Camera height: 1.5

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

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



Wireline drawing Camera:

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

647700 E 267801 N 18.28 m AOD 35.593 km

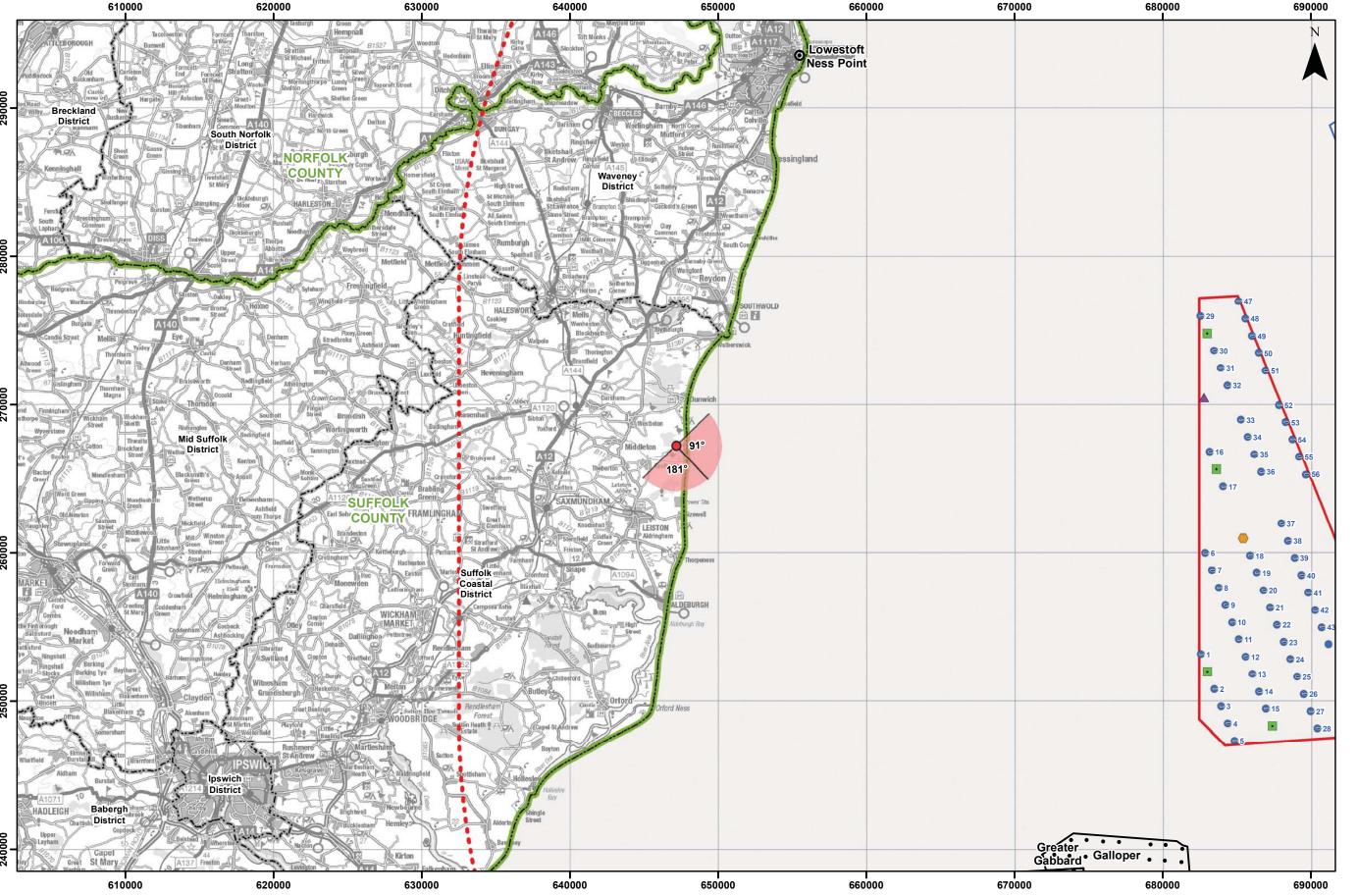
Horizontal field of view: Principal distance

90° (cylindrical projection) 522 mm

Camera height:

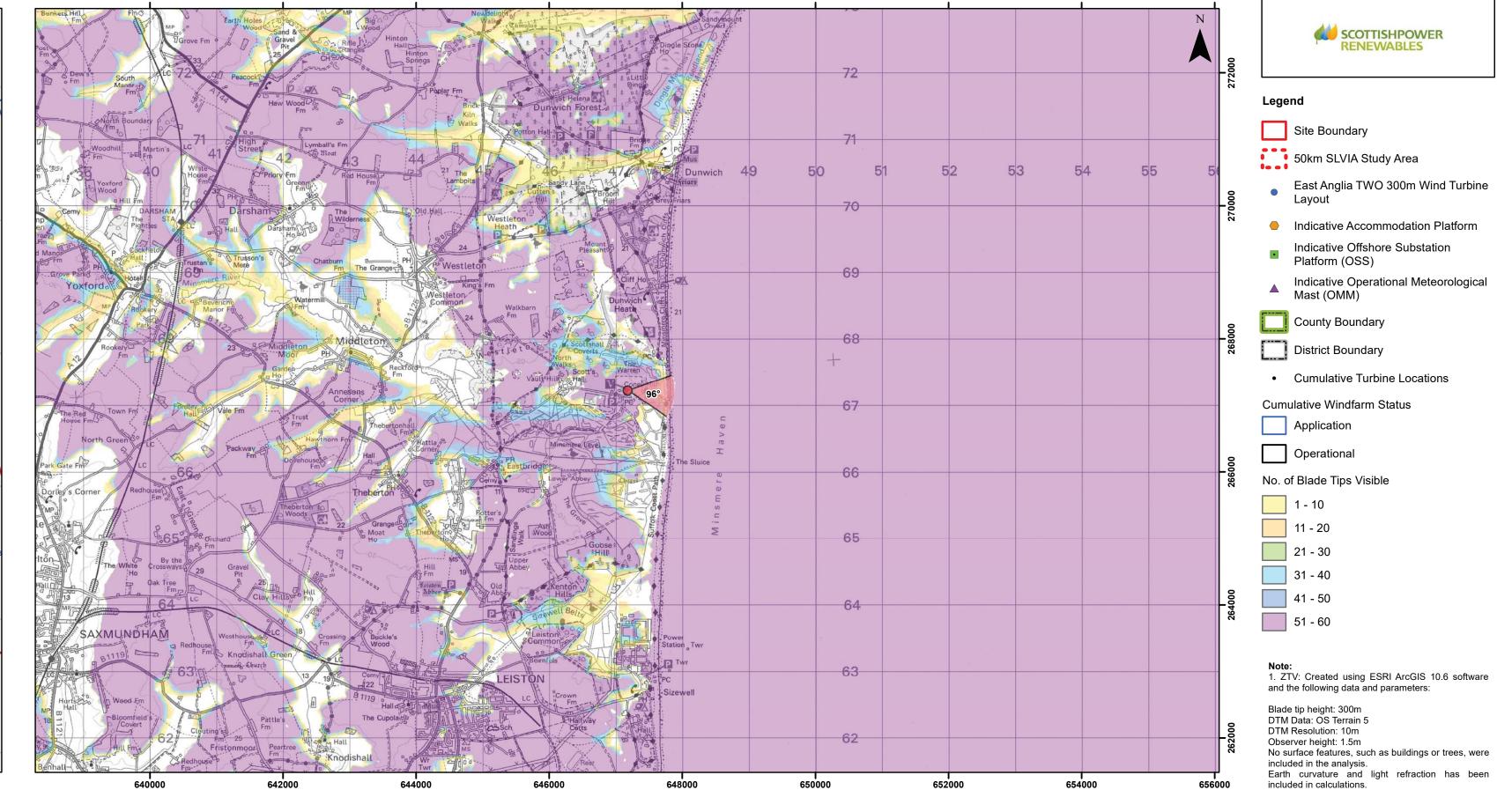
Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 13/07/18, 18:42

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



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

e View
Scale: 1:50 000



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

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Anglia TWO	Doc Ref	EA2-DEVWF-ENV-REP-IBR-00082	
oint: 9	Rev	4	Datum:
nere Nature Reserve	Date	16/01/19	WGS 1984 Projection:
	Figure	28.34a	Zone 31N

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East Anglia TWO 300m wind turbine layout (36.068km) Galloper (37.71km)

Wireline drawing

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

647171 E 267225 N 15.55 m AOD 36.068 km

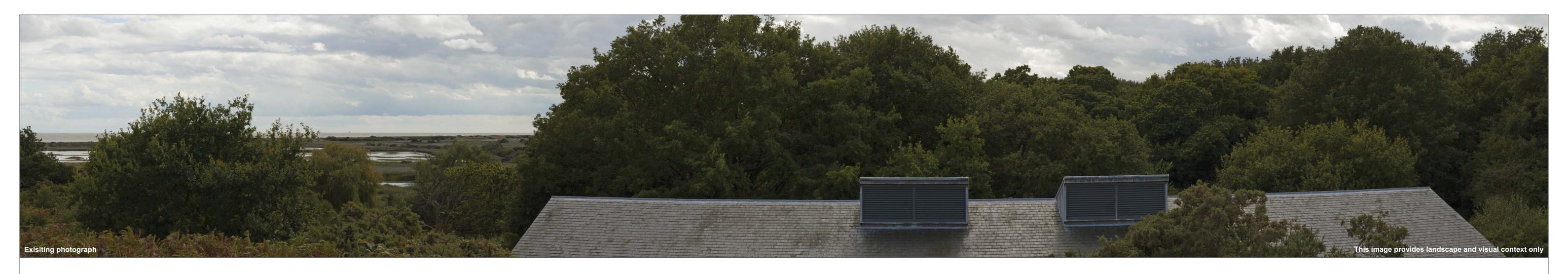
Horizontal field of view: Principal distance

90° (cylindrical projection)

Camera: Camera height:

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

Figure: 28.34b Viewpoint 9: Minsmere Nature Reserve



Galloper (37.71km)

Greater Gabbard (36.77km)

Wireline drawing

OS reference: Eye level:

647171 E 267225 N 15.55 m AOD Direction of view: 36.068 km Nearest turbine:

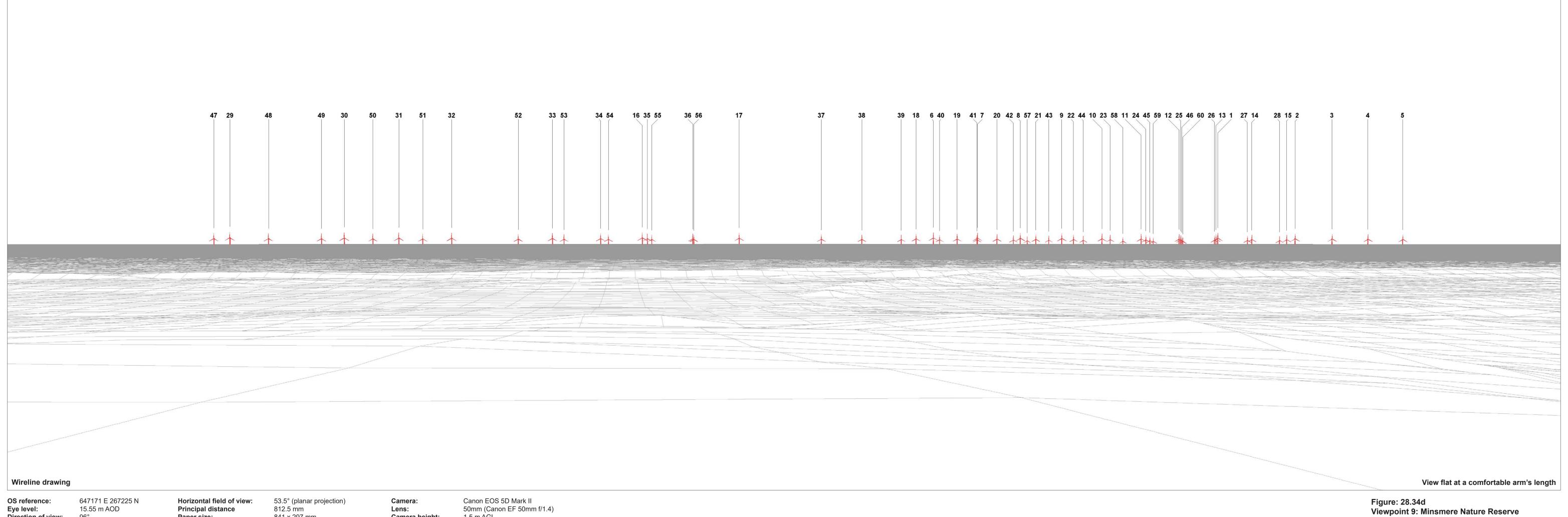
Horizontal field of view: Principal distance 90° (cylindrical projection) 522 mm

Camera: 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



Direction of view: Nearest turbine:

36.068 km

Paper size:

841 x 297 mm Correct printed image size: 820 x 260 mm Camera height: Date and time:

1.5 m AGL 13/09/17, 13:04



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

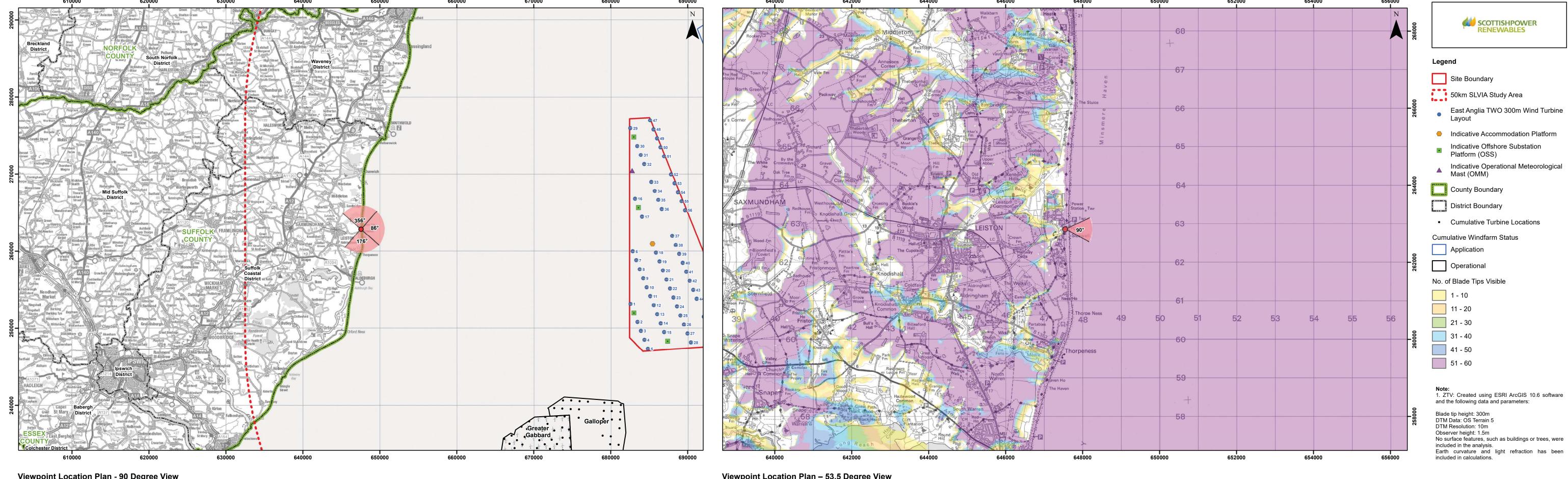
647171 E 267225 N 15.55 m AOD

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

Camera: 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: 28.34e Viewpoint 9: Minsmere Nature Reserve



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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**East Anglia TWO** Viewpoint: 10 Sizewell Beach

Doc Ref EA2-DEVWF-ENV-REP-IBR-000823 Datum: Date 16/01/19 Projection: Zone 31N 28.35a



Lowestoft Ness Point (31.72km)

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

647542 E 262858 N 7.24 m AOD 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



Wireline drawing

OS reference: Eye level: Direction of view:

647542 E 262858 N 7.24 m AOD Nearest turbine: 35.519 km

Horizontal field of view: Principal distance

90° (cylindrical projection) 522 mm

Camera: Lens: Camera height:

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

Figure: 28.35c Viewpoint 10: Sizewell Beach



Galloper (34.35km)

Greater Gabbard (33.00km)

Wireline drawing

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

647542 E 262858 N 7.24 m AOD

35.519 km

Horizontal field of view: Principal distance

90° (cylindrical projection) 522 mm

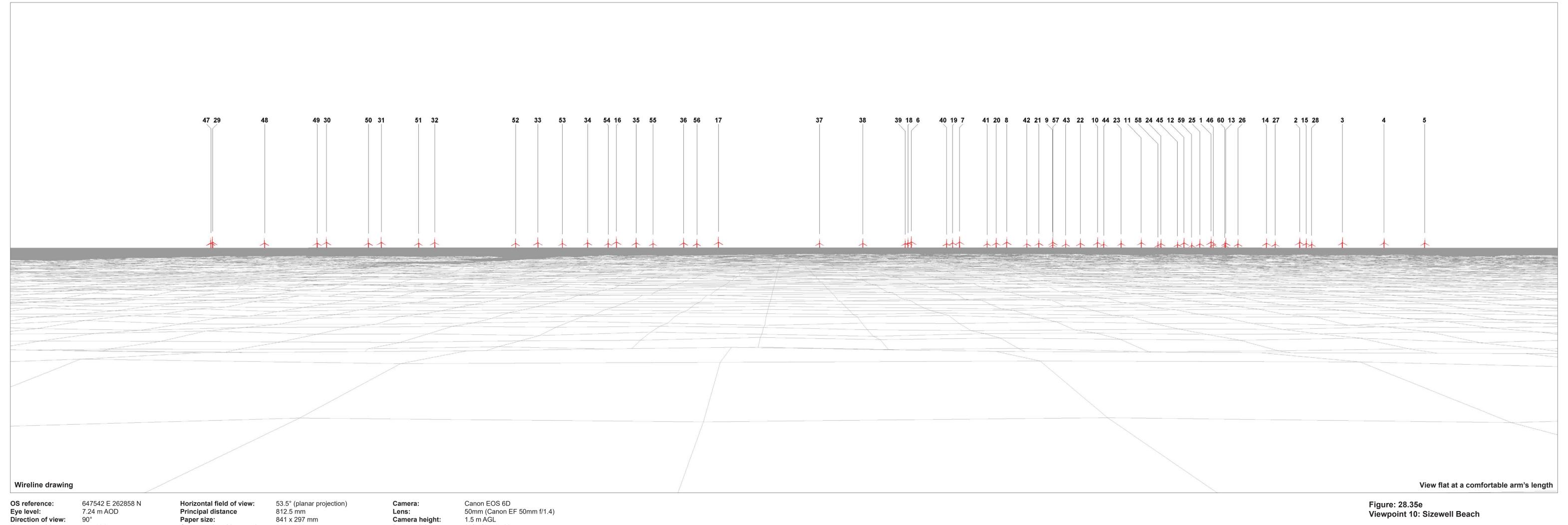
Camera:

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: 28.35d Viewpoint 10: Sizewell Beach



Eye level: Direction of view: Nearest turbine:

35.519 km

Paper size:

Correct printed image size: 820 x 260 mm

841 x 297 mm

Date and time:

1.5 m AGL 22/08/17, 17:09



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

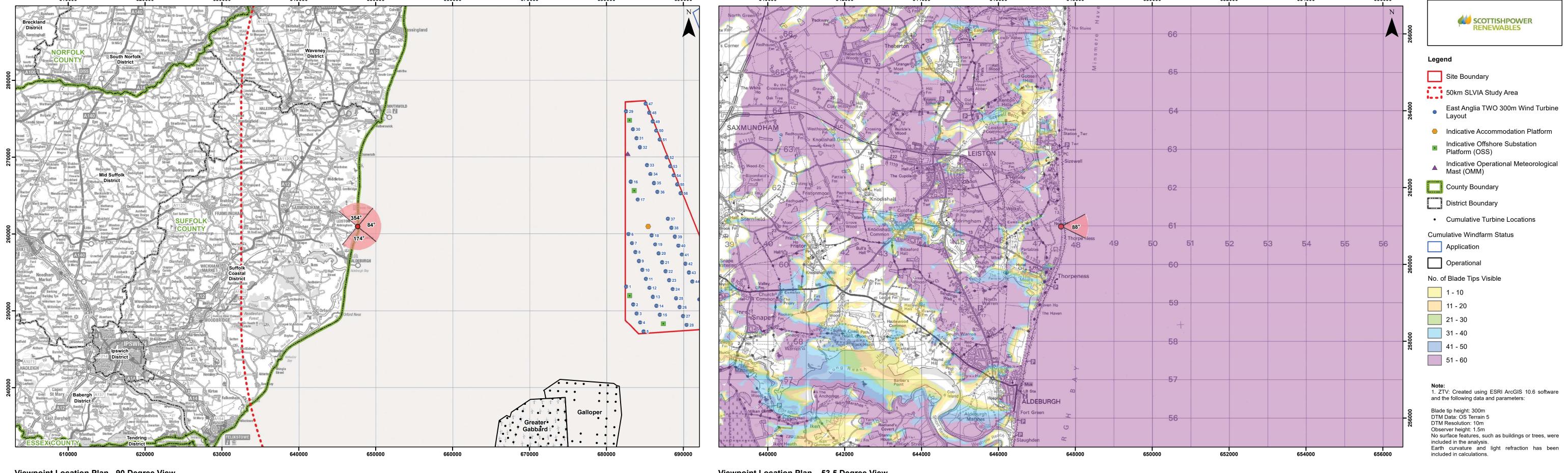
647542 E 262858 N 7.24 m AOD 35.519 km

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

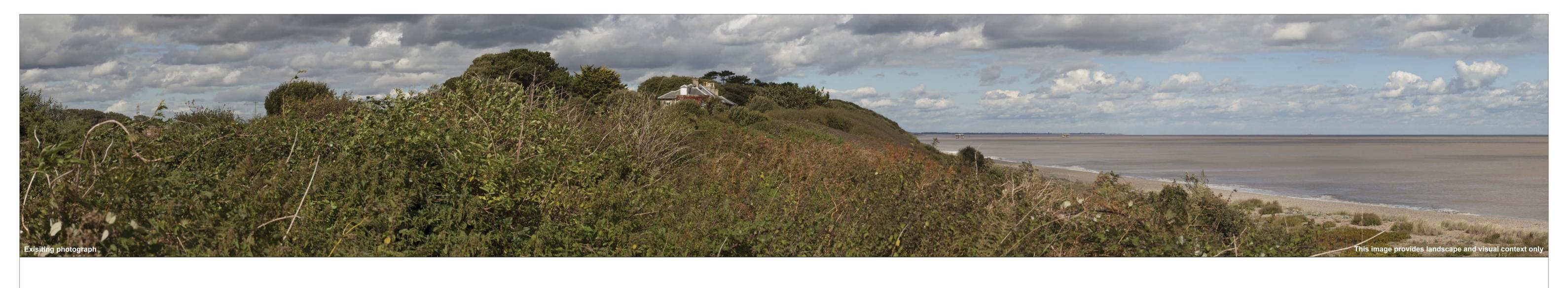


Viewpoint Location Plan - 90 Degree View Scale: 1:350,000

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

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st Anglia TWO	Doc Ref	EA2-DEVWF-ENV-REP-IBR-00082		
wpoint: 11	Rev	4	Datum:	
folk Coastal Path, between Thorpeness and	Date	16/01/19 Proje	WGS 1984 Projection:	
ewell	Figure	28.36a	Zone 31N	



Lowestoft Ness Point (33.51km)

Wireline drawing

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

647624 E 260987 N 11.34 m AOD 35.656 km

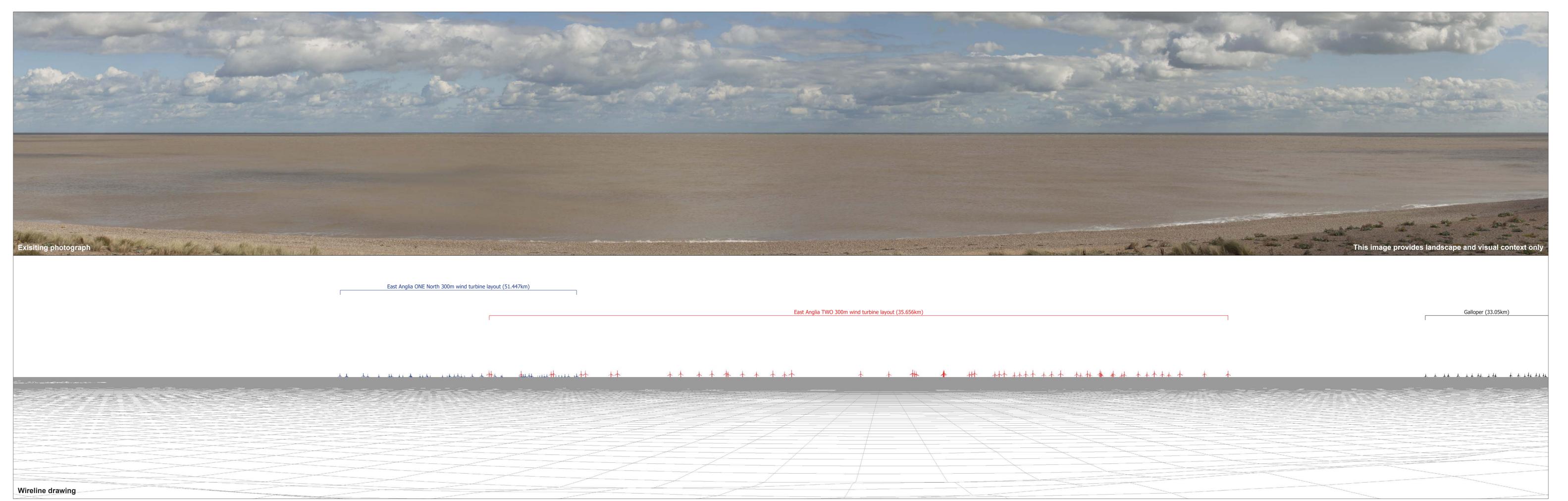
Horizontal field of view: Principal distance

90° (cylindrical projection) 522 mm

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



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

647624 E 260987 N 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 AGL 13/09/17, 12:05

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



Galloper (33.05km)

Greater Gabbard (31.43km)

Wireline drawing

OS reference: Eye level:

647624 E 260987 N 11.34 m AOD Direction of view: 35.656 km Nearest turbine:

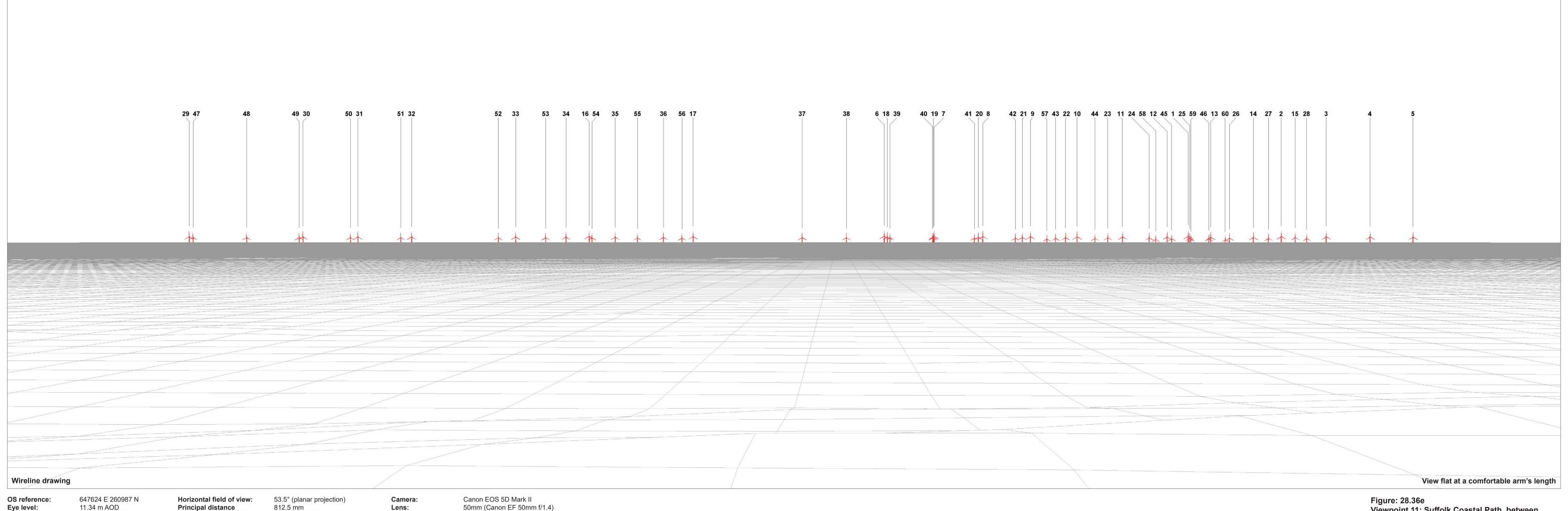
Horizontal field of view: Principal distance

90° (cylindrical projection) 522 mm

Camera: 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: 28.36d Viewpoint 11: Suffolk Coastal Path, between Thorpeness and Sizewell



Direction of view: Nearest turbine:

11.34 m AOD 35.656 km

Principal distance Paper size:

812.5 mm 841 x 297 mm Correct printed image size: 820 x 260 mm

Lens: Camera height: Date and time:

13/09/17, 12:05

50mm (Canon EF 50mm f/1.4) 1.5 m AGL

Viewpoint 11: Suffolk Coastal Path, between Thorpeness and Sizewell



647624 E 260987 N 11.34 m AOD

Horizontal field of view: 53.5° (planar projection)

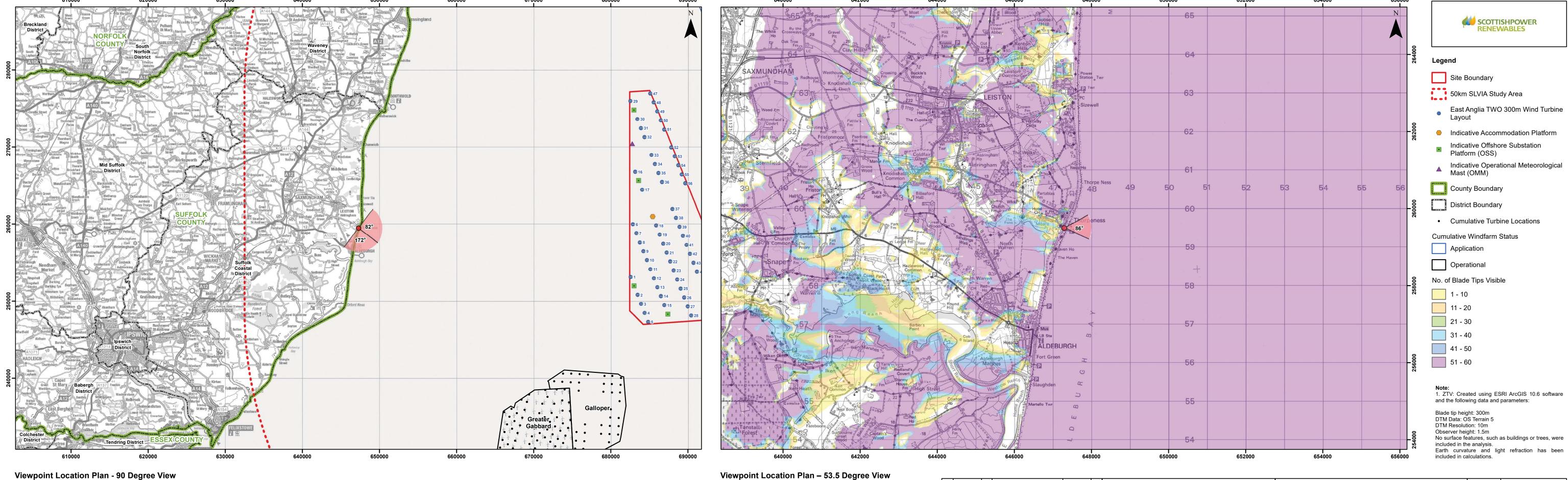
Principal distance 812.5 mm

Paper size: 841 x 297 mm

Correct 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

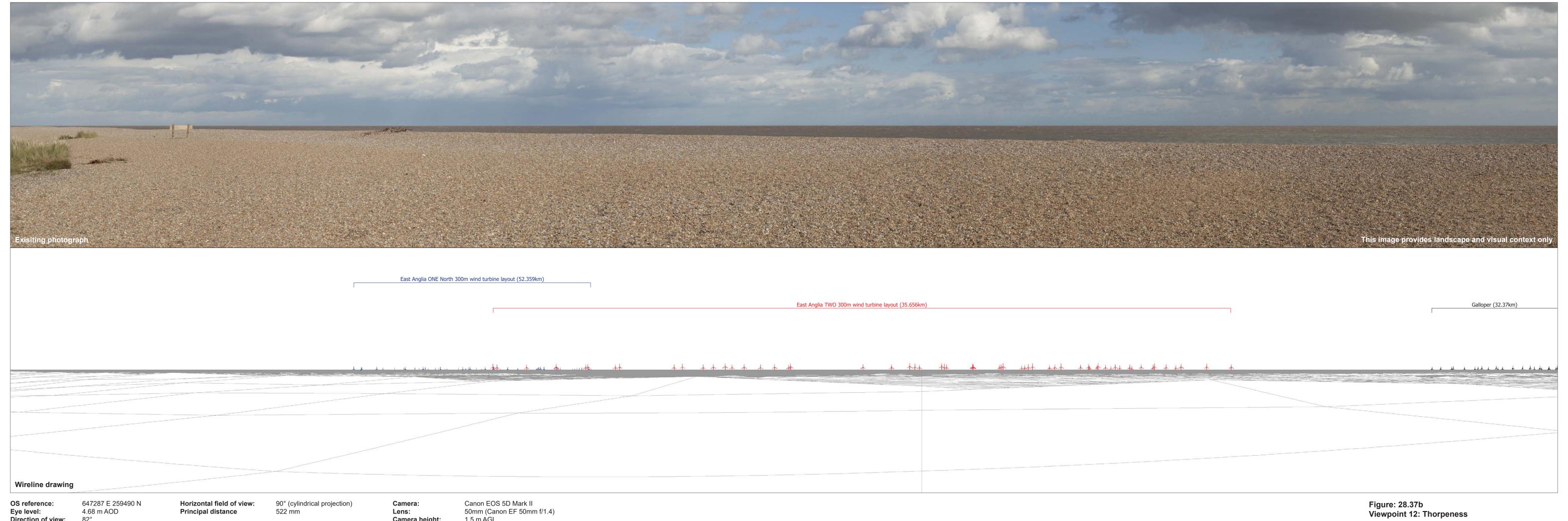
Scale: 1:50,000

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Doc Ref EA2-DEVWF-ENV-REP-IBR-000823 East Anglia TWO Datum: Viewpoint: 12 Date 16/01/19 Projection:

28.37a



Direction of view: Nearest turbine:

35.656 km

Camera height: Date and time:

1.5 m AGL 11/09/17, 13:28



Wireline drawing

OS reference: Eye level: Direction of view:

Nearest turbine:

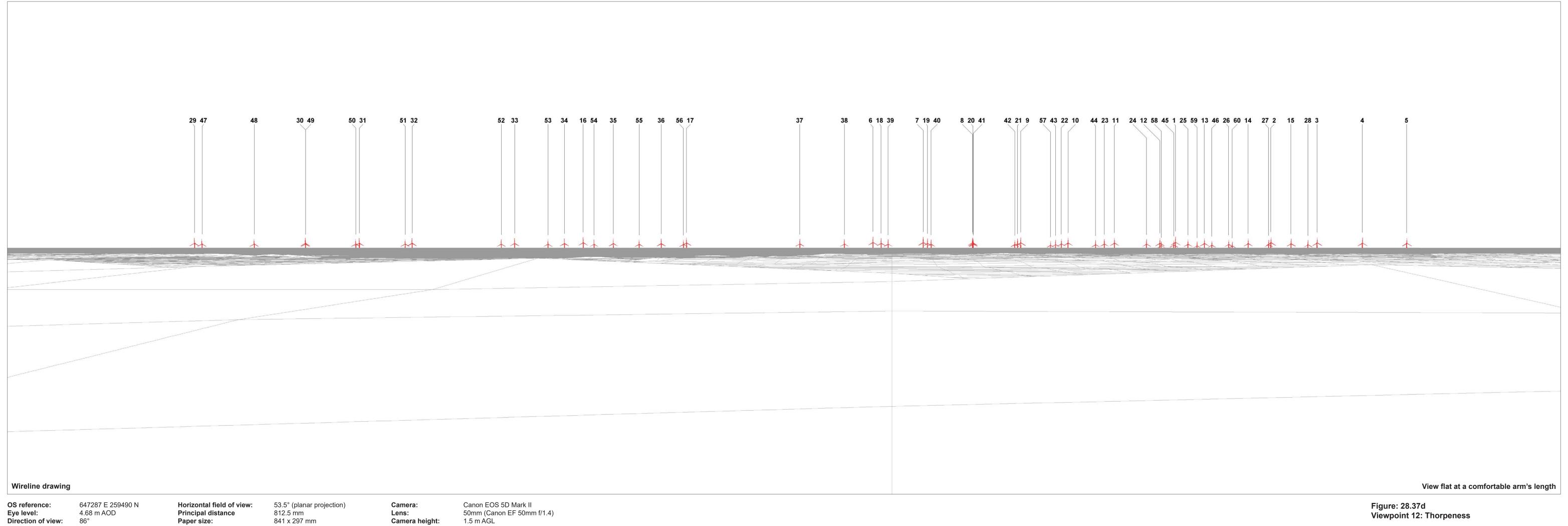
647287 E 259490 N 4.68 m AOD 35.656 km

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: 1.5 m AGL 11/09/17, 13:28 Date and time:

Figure: 28.37c Viewpoint 12: Thorpeness



Direction of view: Nearest turbine:

35.656 km

Paper size: Correct printed image size: 820 x 260 mm

Date and time:

1.5 m AGL 11/09/17, 13:28



647287 E 259490 N 4.68 m AOD

Horizontal field of view: 53.5° (planar projection)

Principal distance 812.5 mm

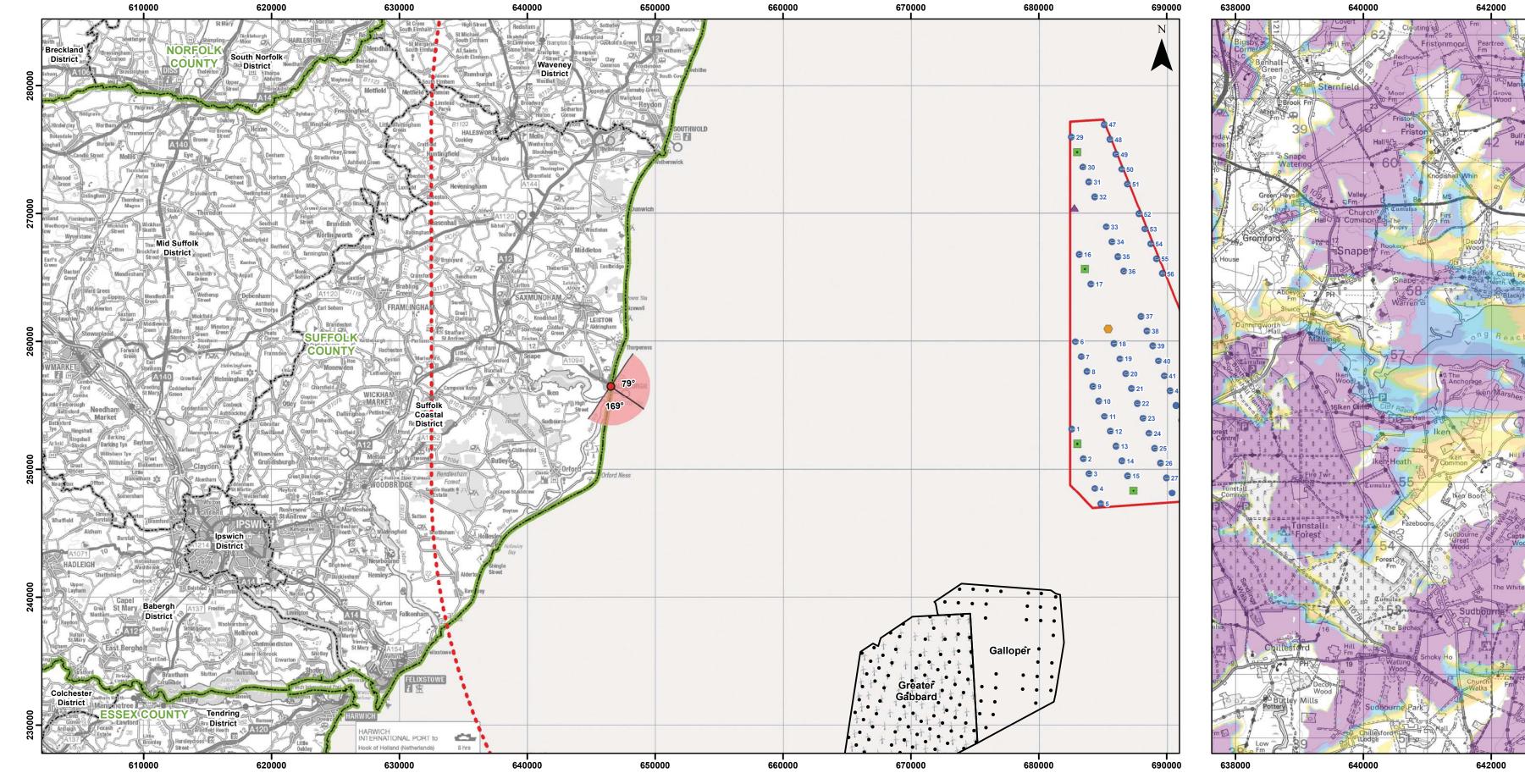
Paper size: 841 x 297 mm

Correct 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

Scale: 1:50,000

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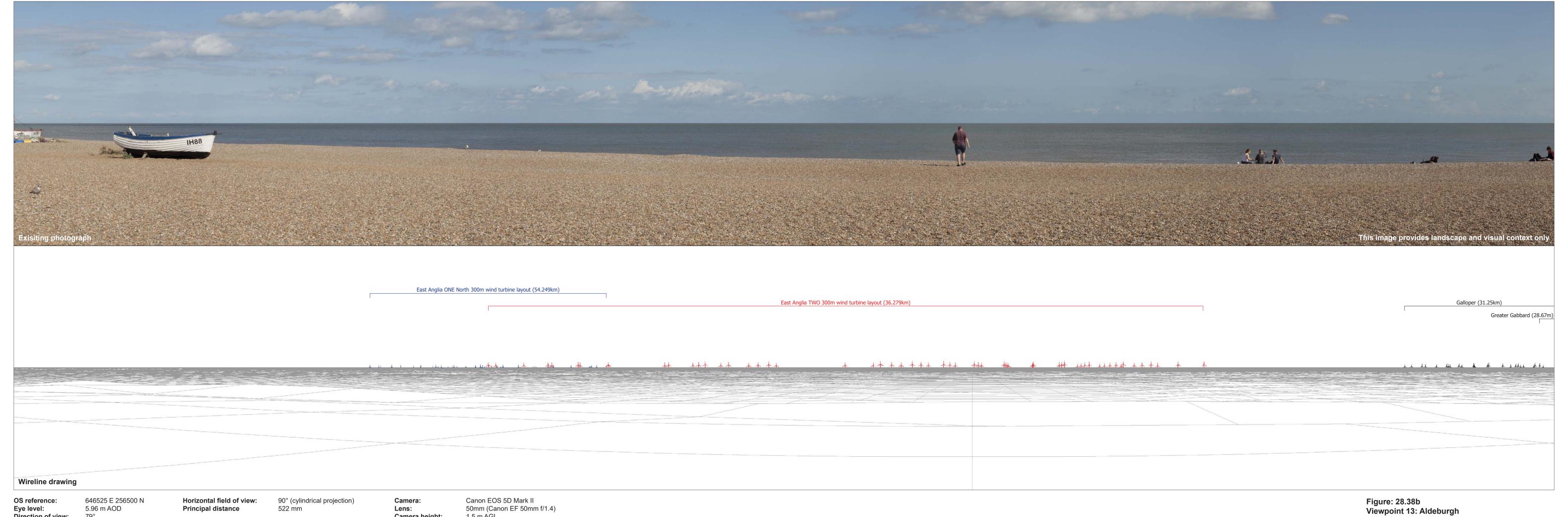
East Anglia TWO Doc Ref EA2-DEVWF-ENV-REP-IBR-000823 Viewpoint: 13

 $P: 2015 \\ 150887\_EA1N\&2 \\ GIS \\ ArcGIS \\ ArcMap \\ OFFSHORE\_WF \\ PIER\_EA2 \\ Rev\_04 \\ 150887\_EA2\_Fig28\_26-53\_rv4\_V \\ Plocs\_DDP.mxd \\ Proposed From the proposed for the proposed$ 

638000	640000	642000	644000	646000	648000	650000	652000	654000		
Bigsby S Corner LC Benhall	Clouting's Redhouse	onmoor Peartree Knodis	MS MS	Aldringham The Walks	Hall O	62			262000	SCOTTISHPOWER RENEWABLES
Brook Fm	Sternfield Moor	Grove Wood Knodish Commo	Ald PH OF PH OF THE PH	ringham Cumples	Ness Ho	61				Legend
39 lav	Ho Friston Hall 975	42 Bull's Hall	Billeaford Hall	Partables Fm	48 49	50 51	52 53	5 5 4 5	55	Site Boundary
Watering.	60	odištail Whin		Church Hotel CH PH		60			260000	50km SLVIA Study Area
Green Heys	Valley 8	MS 6 Rus	Great Wood Sandings	Fens Meare	Thorpeness					<ul><li>East Anglia TWO 300m Wind Turbi</li><li>Layout</li></ul>
Gremford	Church Cumulis Hall D Common Che Priory	Decoy	Haziewood Hall & Grange	PARIE	Haven Ho The Haven	59				<ul> <li>Indicative Accommodation Platform</li> </ul>
House	Snape Fm	Wood	Hazlewood Common o		The haven	+				Indicative Offshore Substation Platform (OSS)
Abbeyy	Snape-	Black Heath	Cuith Plantation	Warren Red HO		58			258000	Indicative Operational Meteorologic Mast (OMM)
Dumming Worth 6	attings	ong Reach	Round	MS P						County Boundary  District Boundary
Cimilia de la Ci	Iken Woods	to The	Barber's Point Cob	Mis	89	57				Cumulative Turbine Locations
	16lken Cliff Reach	Iken Warshes		Aldeburgh Fort Gree	BURGH				0 0	Operational
A CONTRACTOR OF THE CONTRACTOR	5 Hall	Yarn Hill Red	lland's	Marshes	5	56			256000	No. of Blade Tips Visible
	Iken Heath	Common 2 Hill Fm Ho	nny usa Fm High Street	Westrow Reach Slaughden	Œ					1 - 10
Tunstall	e Twr. * Cumulus 55	Inen Boot	Cowton	Martello Twr	D B	55				11 - 20
Common P		Iken Boot	Red	The state of the s	ш					31 - 40
Fore	st 54	Sudbourne Captain's Wood	-18 Ferry Fm		0	54			254000	41 - 50
23	Forest Fm	The White Ho	The Firs	AAL DE	4				72	51 - 60
	zumulis 58	Sudbourne	Valley Fm 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7		53				
	The Birches		25							
9 4 PH	Fm Watting Smok	y Ho	Crag Fri			52			252000	<ul><li>Note:</li><li>1. ZTV: Created using ESRI ArcGIS 10.6 softwand the following data and parameters:</li></ul>
Butley Mill	Decoy Wood S Sudbourne Park	Church Church Fm Lodge Fm	Backer			02			252	Blade tip height: 300m DTM Data: OS Terrain 5 DTM Resolution: 10m
low "Do	Chillesford D	Hall		A. C.		51				Observer height: 1.5m No surface features, such as buildings or trees, included in the analysis.
38000	640000	642000	644000	646000	648000	650000	652000	654000		Earth curvature and light refraction has included in calculations.

 Rev
 4
 Datum: WGS 1984 Projection: Zone 31N

 Figure
 28.38a



Eye level: Direction of view: Nearest turbine:

36.279 km

Principal distance

Camera height: Date and time:

1.5 m AGL 11/09/17, 13:28



London Array (50.90km)

Galloper (31.25km)

Greater Gabbard (28.67km)

Wireline drawing

OS reference: Eye level: Direction of view:

Nearest turbine:

646525 E 256500 N 5.96 m AOD 36.279 km

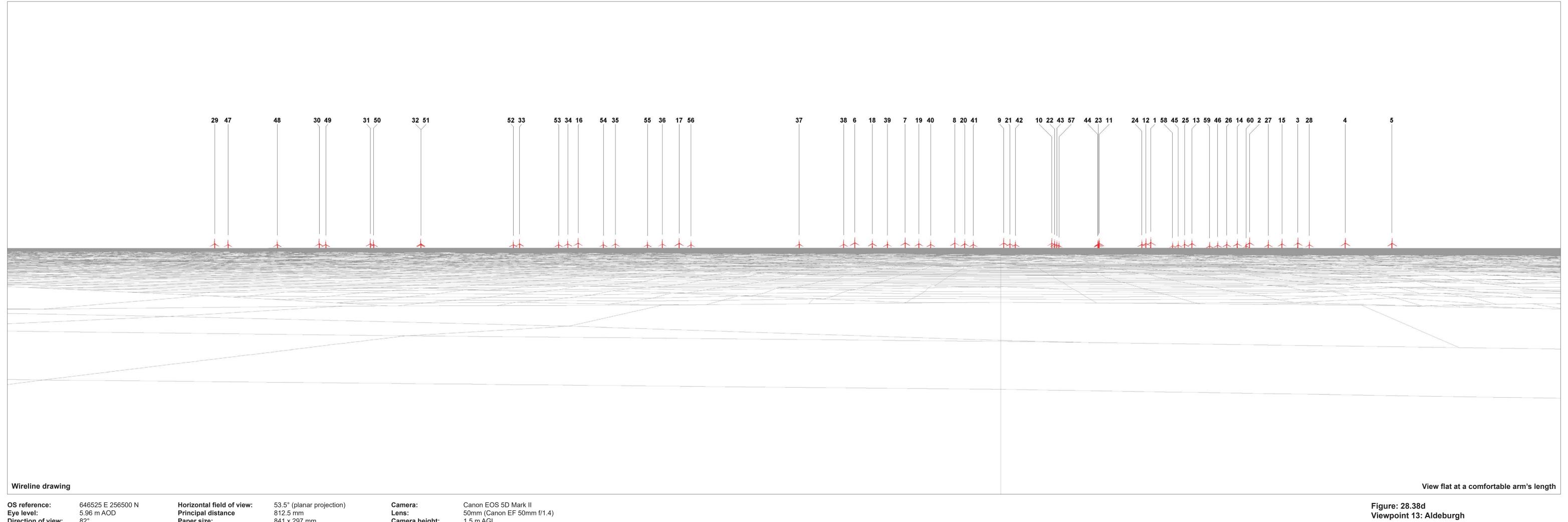
Horizontal field of view: Principal distance

90° (cylindrical projection)

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: 28.38c Viewpoint 13: Aldeburgh



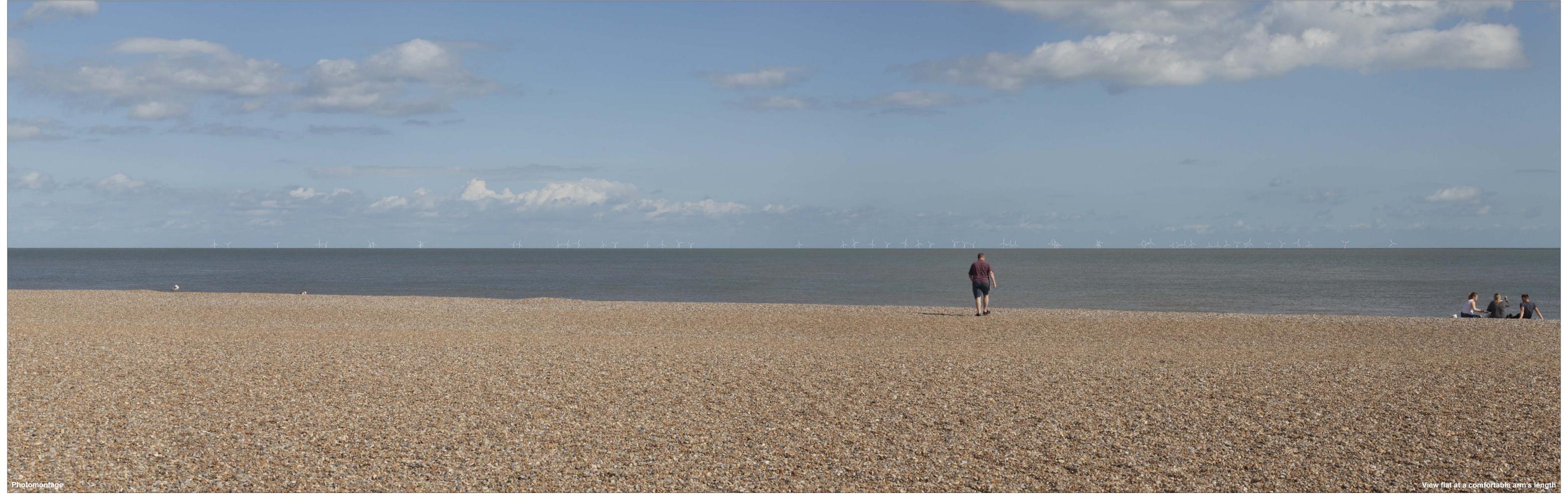
Direction of view: Nearest turbine:

36.279 km

Paper size:

841 x 297 mm Correct printed image size: 820 x 260 mm Camera height: Date and time:

1.5 m AGL 09/09/17, 13:24



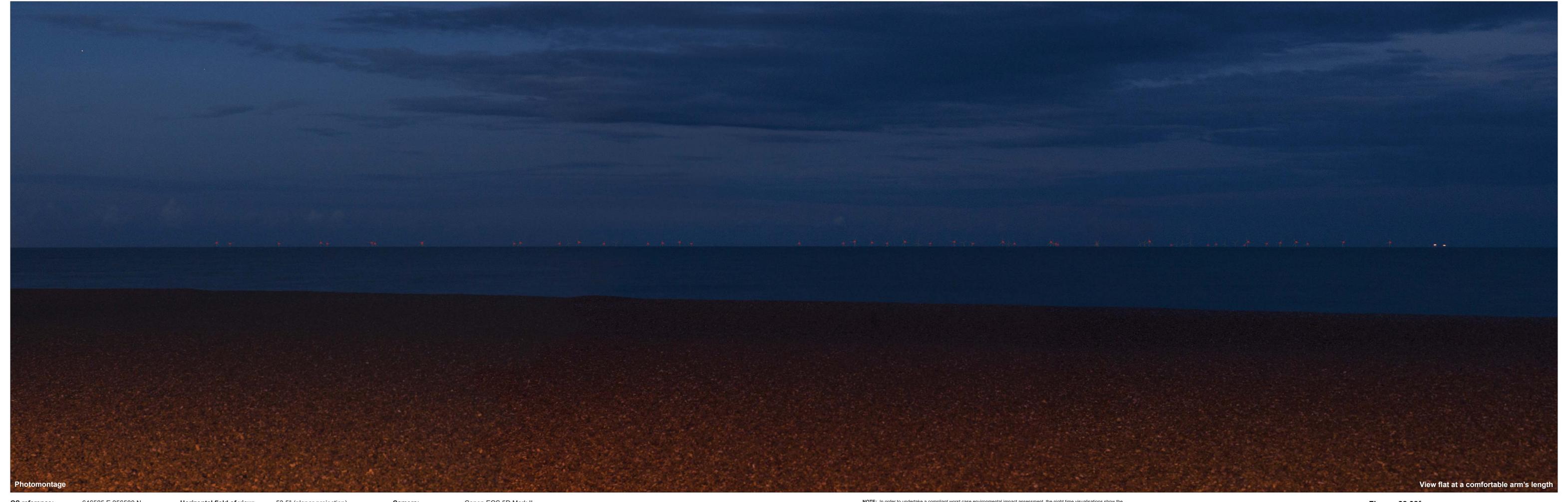
646525 E 256500 N 5.96 m AOD

Horizontal field of view: 53.5° (planar projection)
Principal distance 812.5 mm
Paper size: 841 x 297 mm
Correct 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 36.279 km

Horizontal field of view: Principal distance Paper size:

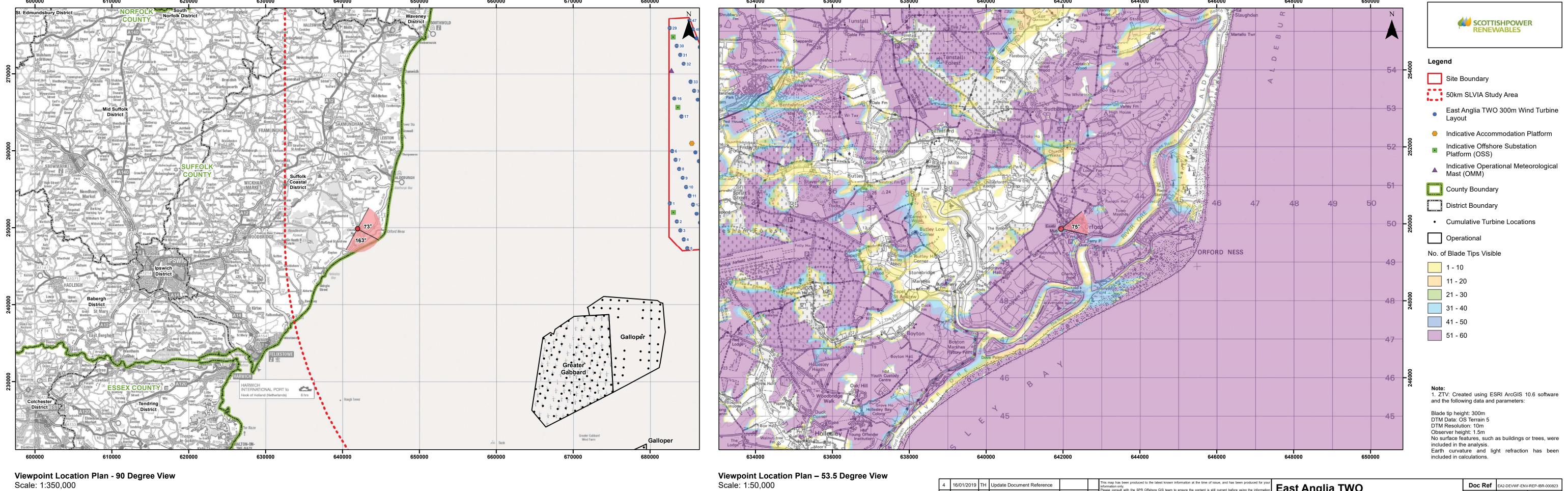
53.5° (planar projection) 812.5 mm 841 x 297 mm Correct printed image size: 820 x 260 mm

Camera: Lens: Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 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



Scale: 1:350,000

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East Anglia TWO

Doc Ref EA2-DEVWF-ENV-REP-IBR-000823 16/01/19 Projection:



East Anglia ONE North 300m wind turbine layout (61.325km)

East Anglia TWO 300m wind turbine layout (40.829km)

Galloper (32.52km)

Greater Gabbard (28.11km)

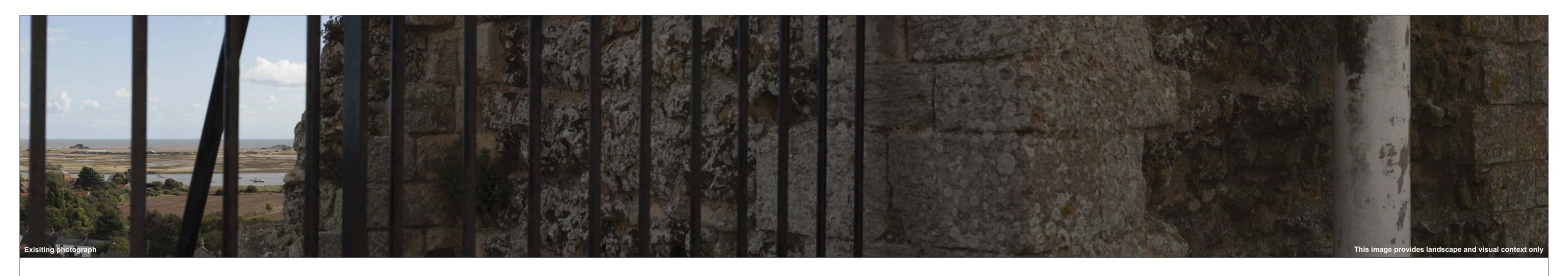
Wireline drawing

OS reference: Eye level: Direction of view: Nearest turbine: 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 AGL 09/09/17, 12:44 Figure: 28.39b Viewpoint 14: Orford Castle



London Array (44.06km)

Gunfleet Sands III Demo (48.99km)

Gunfleet Sands I (43.13km)

Gunfleet Sands II (42.17km)

Galloper (32.52km)

Greater Gabbard (28.11km)

OS reference: Eye level:

Wireline drawing

641944 E 249868 N 40.66 m AOD Direction of view: Nearest turbine: 40.829 km

Horizontal field of view: Principal distance

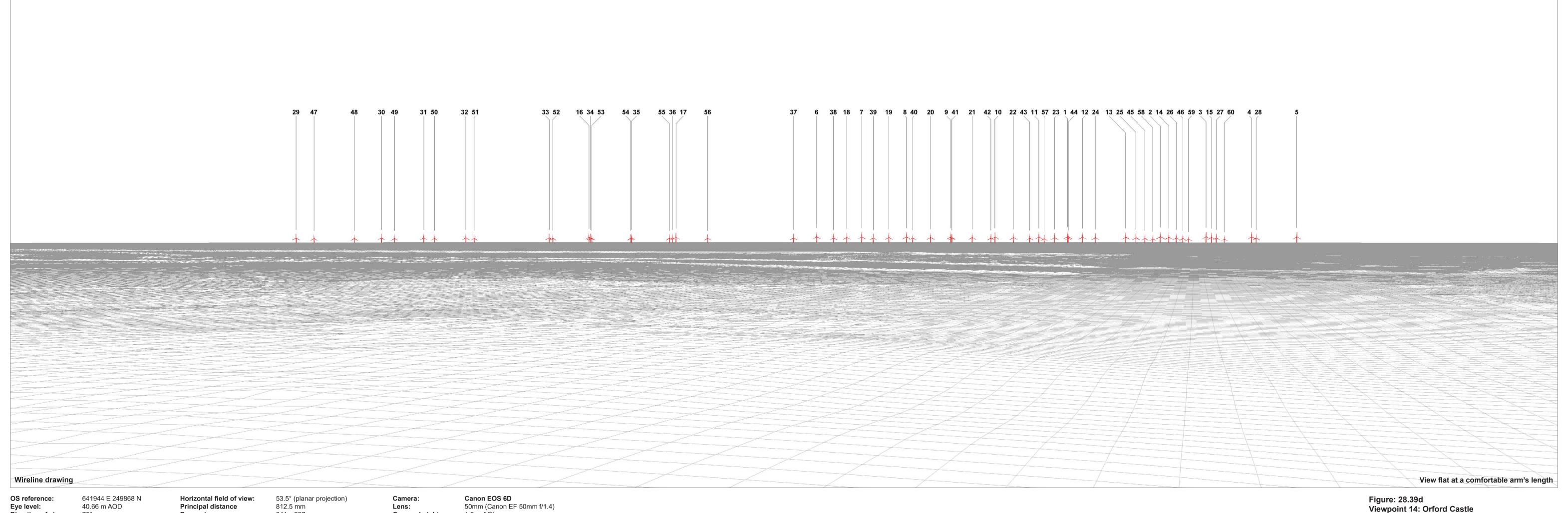
90° (cylindrical projection)

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: 28.39c **Viewpoint 14: Orford Castle** 



Direction of view: Nearest turbine:

40.829 km

Paper size: Correct printed image size: 820 x 260 mm

841 x 297 mm

Camera height: Date and time:

1.5 m AGL 09/09/17, 12:44



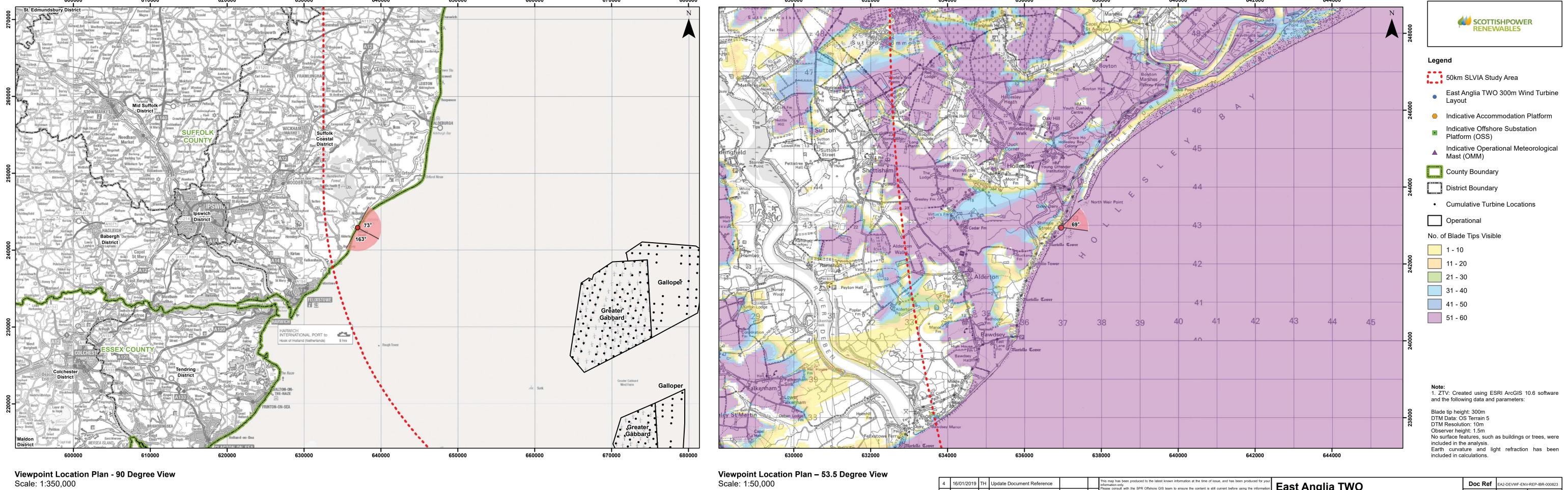
641944 E 249868 N 40.66 m AOD 75° 40.829 km

Horizontal field of view: 53.5° (planar projection)
Principal distance 812.5 mm
Paper size: 841 x 297 mm
Correct 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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3		19/12/2018	TH	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	\/:
2	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 no 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	Shingle Street
Re	ev	Date	Ву	Comment	Approved:	l. +	product has been cerived in part from material obtained from flexibility organization 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.	g

East Anglia TWO /iewpoint: 15

Doc Ref EA2-DEVWF-ENV-REP-IBR-000823 Datum: Date 16/01/19 Projection: 28.40a



East Anglia TWO 300m wind turbine layout (46.813km)

Galloper (35.99km)

Greater Gabbard (30.13km)

Wireline drawing

OS reference: Eye level: Direction of view: Nearest turbine: 636947 E 242943 N 5.7 m AOD 73° 46.813 km

E 242943 N Horizontal field of Principal distance

Horizontal field of view: 90° (cy Principal distance 522 mr

90° (cylindrical projection) 522 mm Camera:CaLens:500Camera height:1.5

Canon EOS 6D 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 22/08/17, 15:55 Figure: 28.40b Viewpoint 15: Shingle Street



Eye level: Direction of view: Nearest turbine:

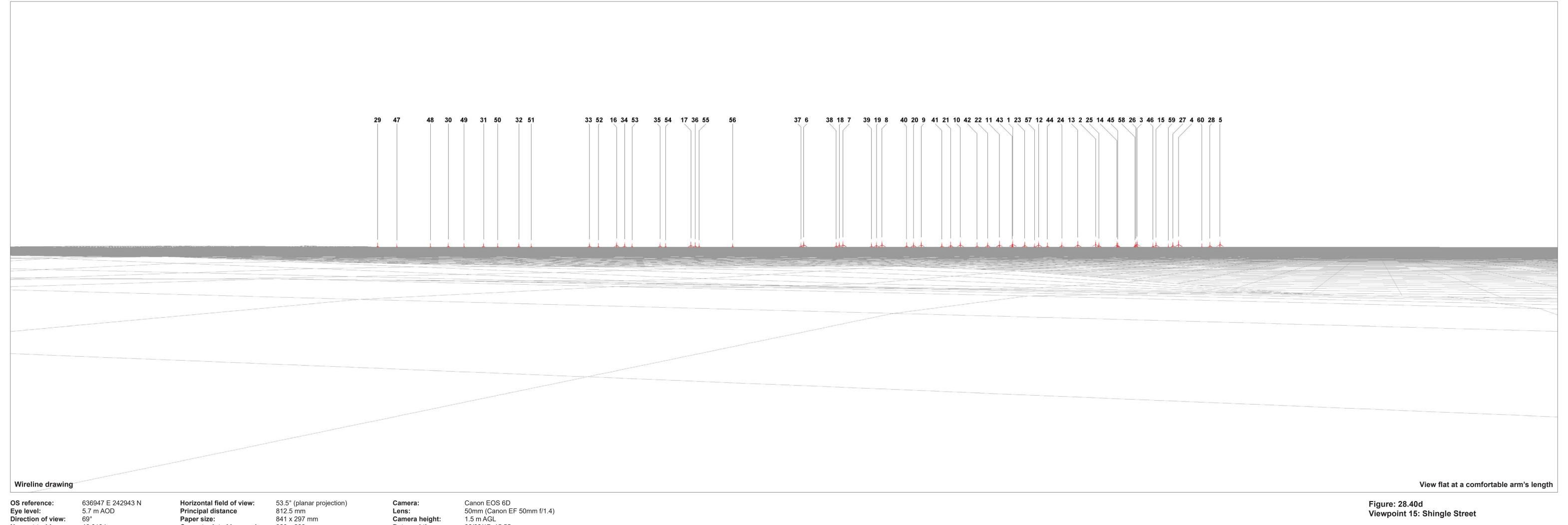
46.813 km

Principal distance

90° (cylindrical projection) 522 mm

Camera height: Date and time:

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



Nearest turbine:

46.813 km

Paper size:

841 x 297 mm Correct printed image size: 820 x 260 mm Camera height: Date and time: 1.5 m AGL 22/08/17, 15:55



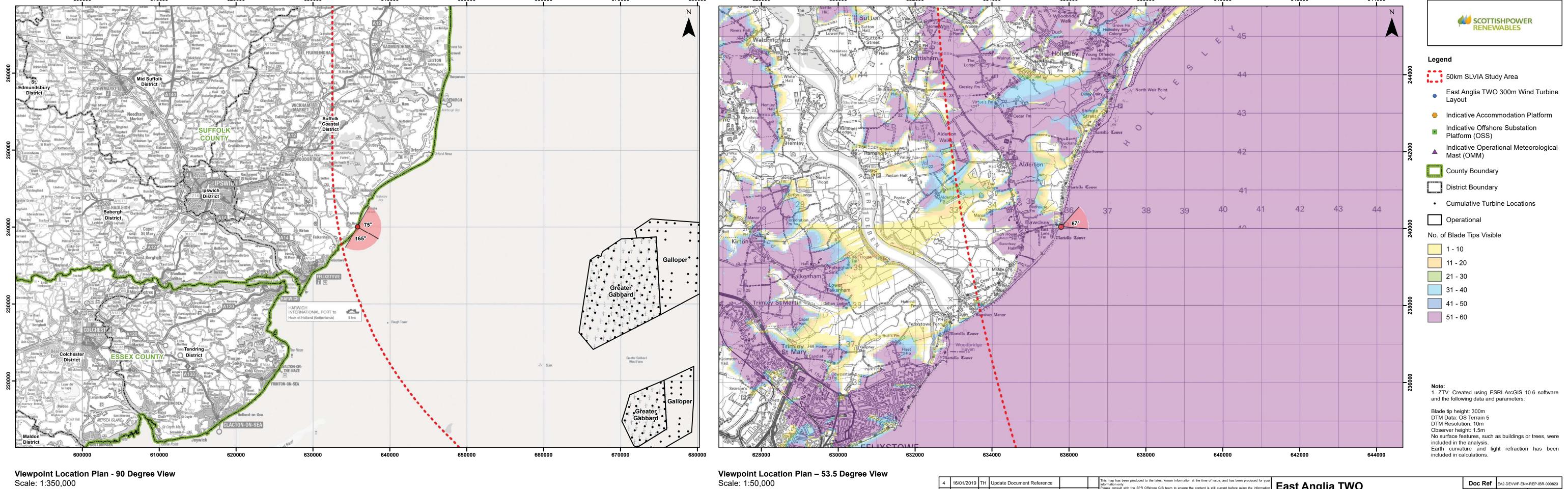
636947 E 242943 N 5.7 m AOD 46.813 km

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

Figure: 28.40e Viewpoint 15: Shingle Street



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Doc Ref EA2-DEVWF-ENV-REP-IBR-000823 East Anglia TWO

IVVO				
1446	Rev	4	Datum:	
	Date	16/01/19	WGS 19	
	Figure	28.41a	Zone 31	

This image provides landscape and visual context only East Anglia ONE North 300m wind turbine layout (71.657km) Galloper (36.99km) East Anglia TWO 300m wind turbine layout (48.640km) Greater Gabbard (30.71km)

Wireline drawing

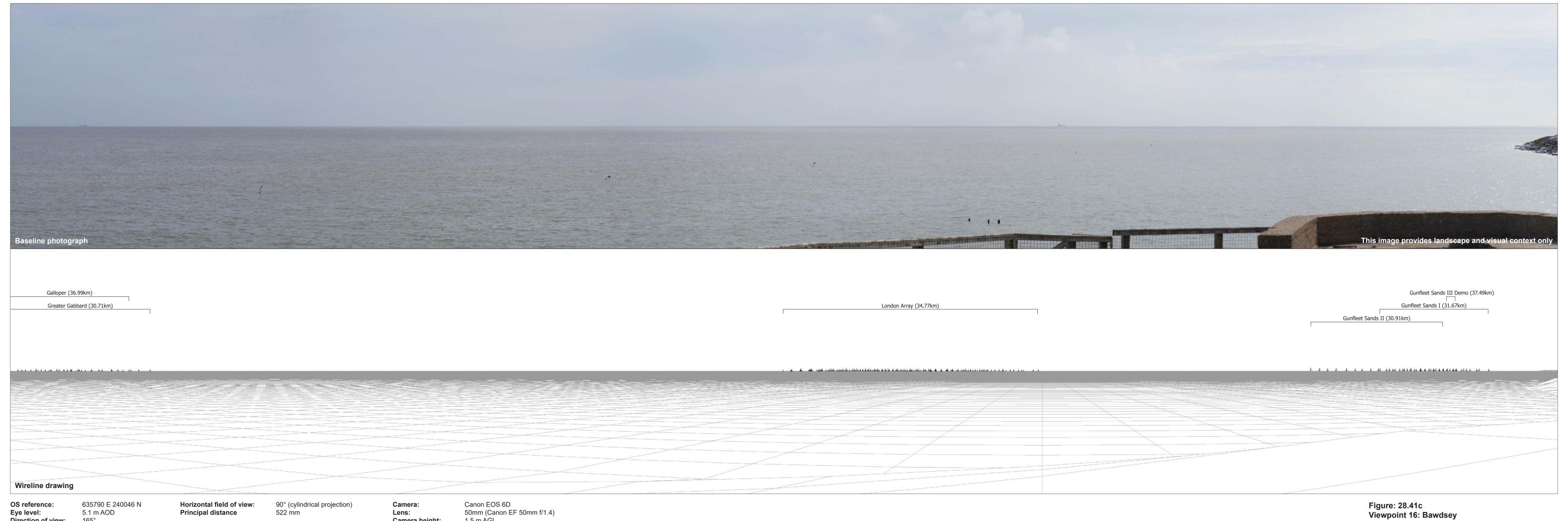
OS reference:

635790 E 240046 N 5.1 m AOD Eye level: Direction of view: Nearest turbine: 48.640 km

90° (cylindrical projection) 522 mm Horizontal field of view: Principal distance

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

Figure: 28.41b Viewpoint 16: Bawdsey

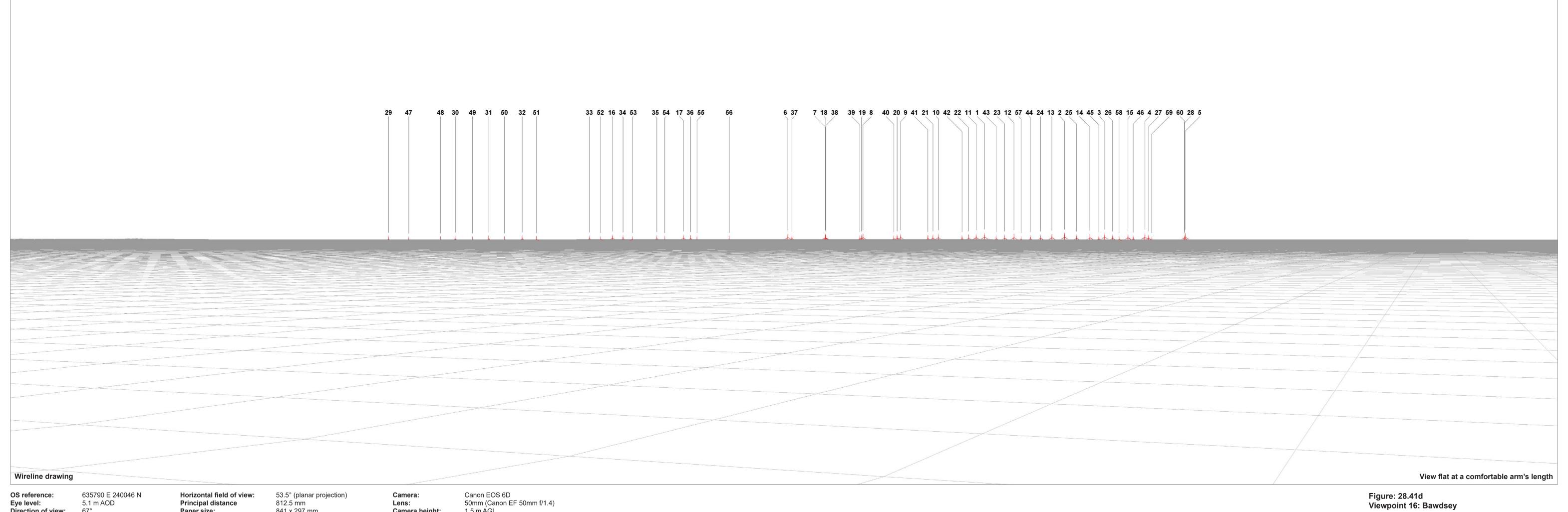


Eye level: Direction of view: Nearest turbine:

48.640 km

Camera height: Date and time:

1.5 m AGL 22/08/17, 15:22



Eye level: Direction of view: Nearest turbine:

5.1 m AOD 48.640 km

Principal distance

812.5 mm Paper size: 841 x 297 mm
Correct printed image size: 820 x 260 mm Camera height: Date and time:

1.5 m AGL 22/08/17, 15:22



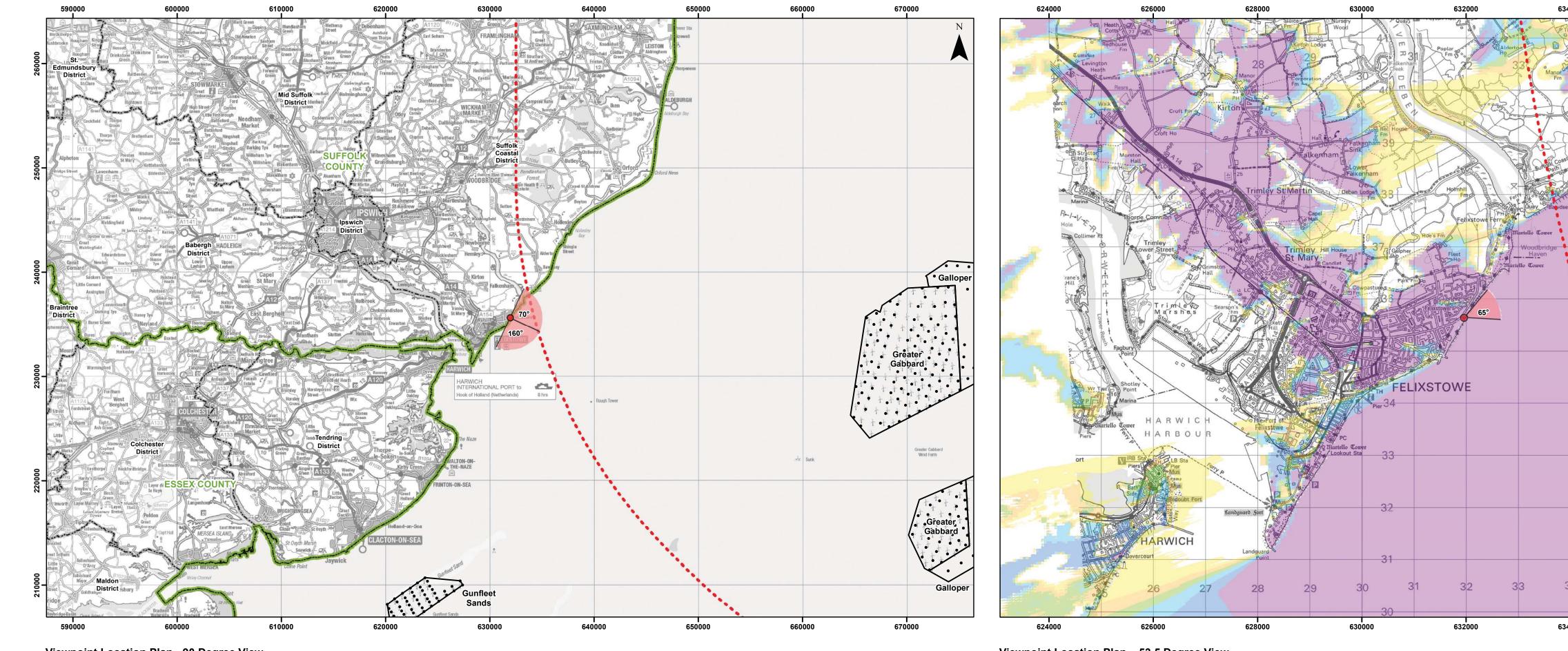
635790 E 240046 N 5.1 m AOD

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

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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East Anglia TWO Old Felixstowe

Doc Ref EA2-DEVWF-ENV-REP-IBR-000823 16/01/19 Projection: 28.42a

ZTV: Created using ESRI ArcGIS 10.6 software and the following data and parameters:

Observer height: 1.5m No surface features, such as buildings or trees, were

Earth curvature and light refraction has been

SCOTTISHPOWER RENEWABLES

East Anglia TWO 300m Wind Turbine Layout

Indicative Accommodation Platform

Indicative Offshore Substation Platform (OSS)

Cumulative Turbine Locations

Indicative Operational Meteorological Mast (OMM)

50km SLVIA Study Area

County Boundary

District Boundary

No. of Blade Tips Visible

Operational

1 - 10 11 - 20

21 - 30

31 - 40 41 - 50

51 - 60

Blade tip height: 300m DTM Data: OS Terrain 5 DTM Resolution: 10m

included in the analysis.

included in calculations.



Greater Gabbard (33.85km)

Wireline drawing

OS reference: Eye level: Direction of view: Nearest turbine: 631955 E 235638 N 14.1 m AOD 53.614 km

Horizontal field of view: Principal distance

90° (cylindrical projection) 522 mm

Camera: 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: 28.42b Viewpoint 17: Old Felixstowe



Gunfleet Sands II (25.73km)

Wireline drawing

OS reference: Eye level: Direction of view: Nearest turbine: 53.614 km

631955 E 235638 N 14.1 m AOD

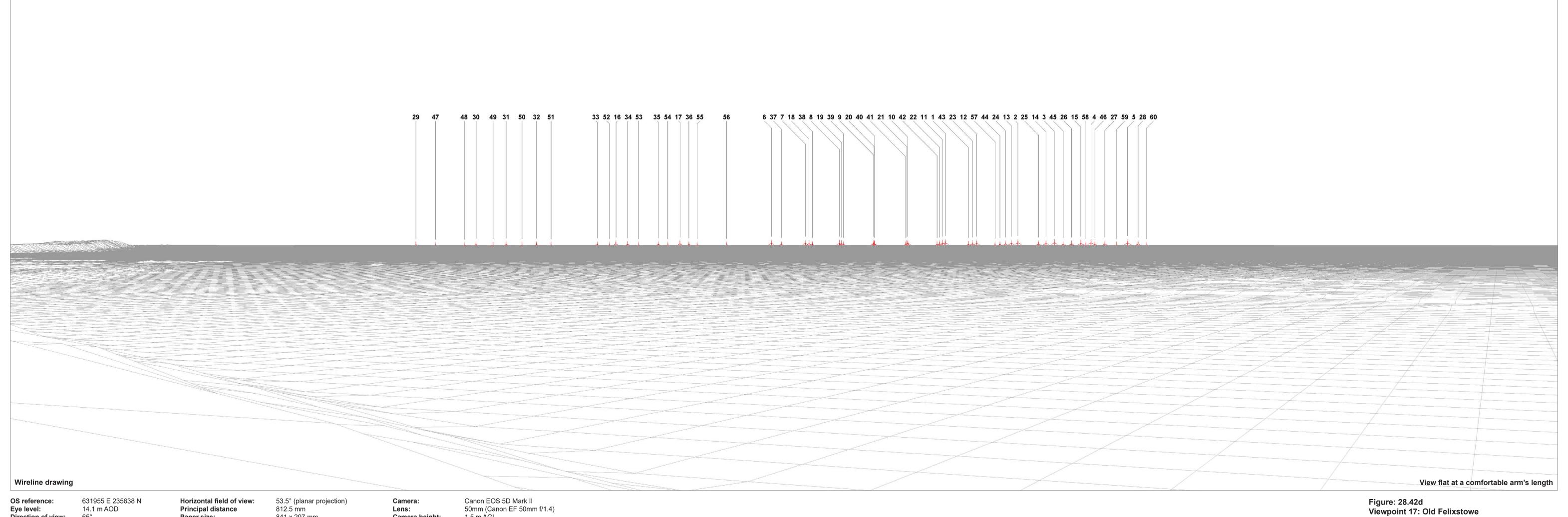
Horizontal field of view: Principal distance

90° (cylindrical projection) 522 mm

Camera: 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: 28.42c Viewpoint 17: Old Felixstowe



Direction of view: Nearest turbine:

53.614 km

Paper size: Correct printed image size: 820 x 260 mm

841 x 297 mm

Camera height: Date and time:

1.5 m AGL 11/09/17, 12:26



631955 E 235638 N 14.1 m AOD 53.614 km

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

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 53.614 km

Horizontal field of view: Principal distance Paper size:

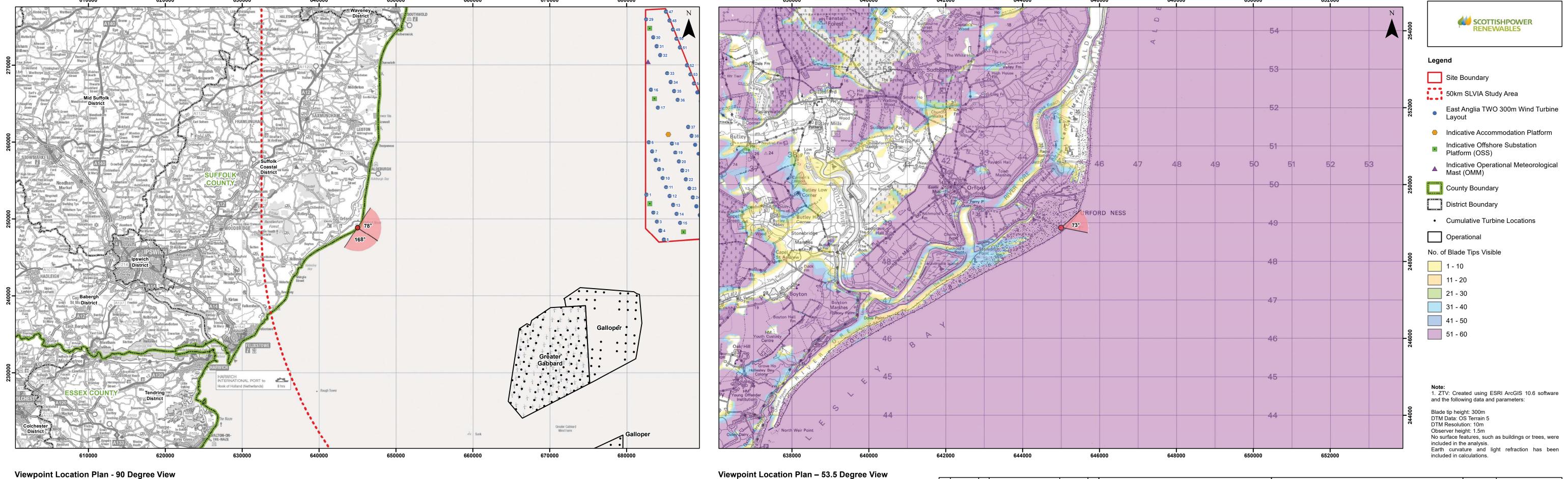
53.5° (planar projection) 812.5 mm 841 x 297 mm Correct printed image size: 820 x 260 mm

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

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: 28.42f Viewpoint 17: Old Felixstowe



Scale: 1:350,000

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

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East Anglia TWO Viewpoint: 18

Doc Ref EA2-DEVWF-ENV-REP-IBR-000823 Datum: Date 16/01/19 Projection: Orfordness (lighthouse) 28.43a



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

w: 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 15/09/17, 11:40

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



London Array (43.18km)

Gunfleet Sands III Demo (49.54km)

Gunfleet Sands I (43.62km)

Gunfleet Sands II (42.43km)

Greater Gabbard (24.99km)

Galloper (29.31m)

Wireline drawing

OS reference: Eye level: Direction of view:

Nearest turbine:

644996 E 248877 N 5.8 m AOD 37.885 km

Horizontal field of view: Principal distance

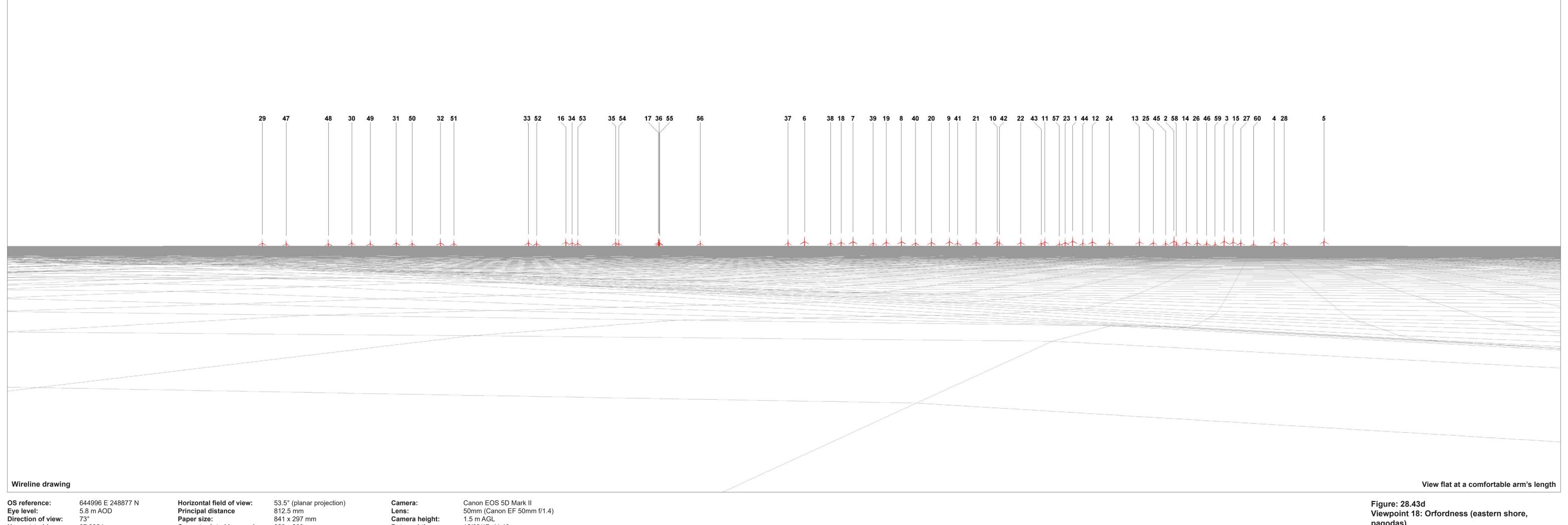
90° (cylindrical projection) 522 mm

Camera: Lens: Camera height:

Date and time:

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

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



Nearest turbine:

Correct printed image size: 820 x 260 mm

841 x 297 mm

Camera height: Date and time:

1.5 m AGL 15/09/17, 11:40 pagodas)



644996 E 248877 N 5.8 m AOD

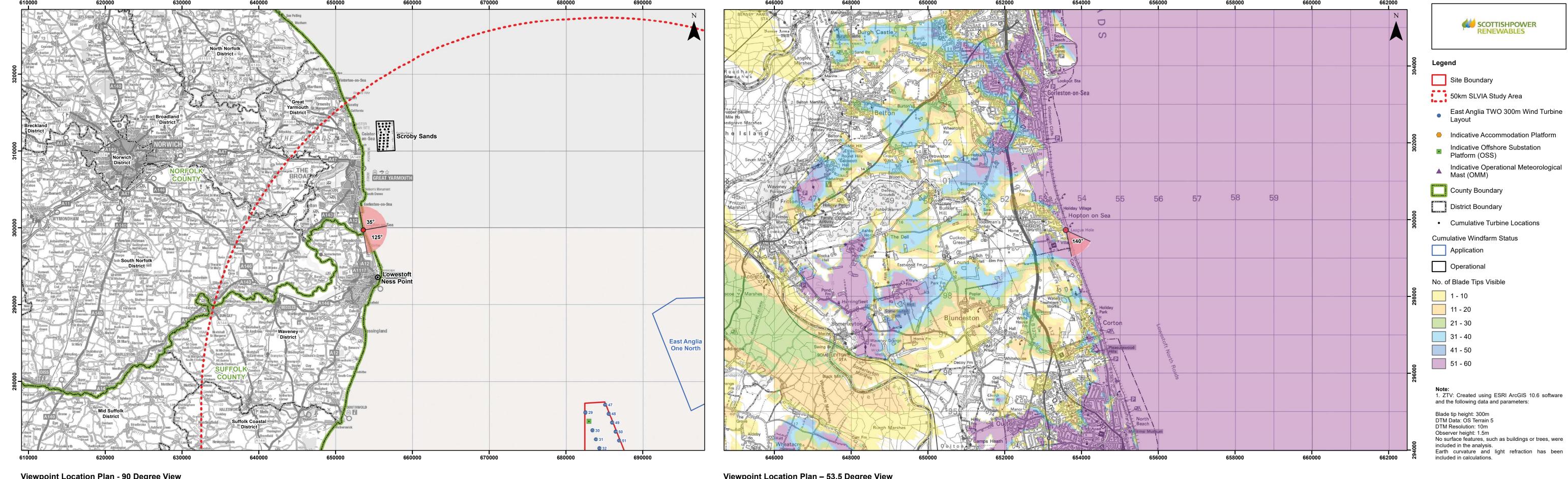
Horizontal field of view: 53.5° (planar projection)
Principal distance 812.5 mm
Paper size: 841 x 297 mm
Correct printed image size: 820 x 260 mm

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)



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

0,000

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

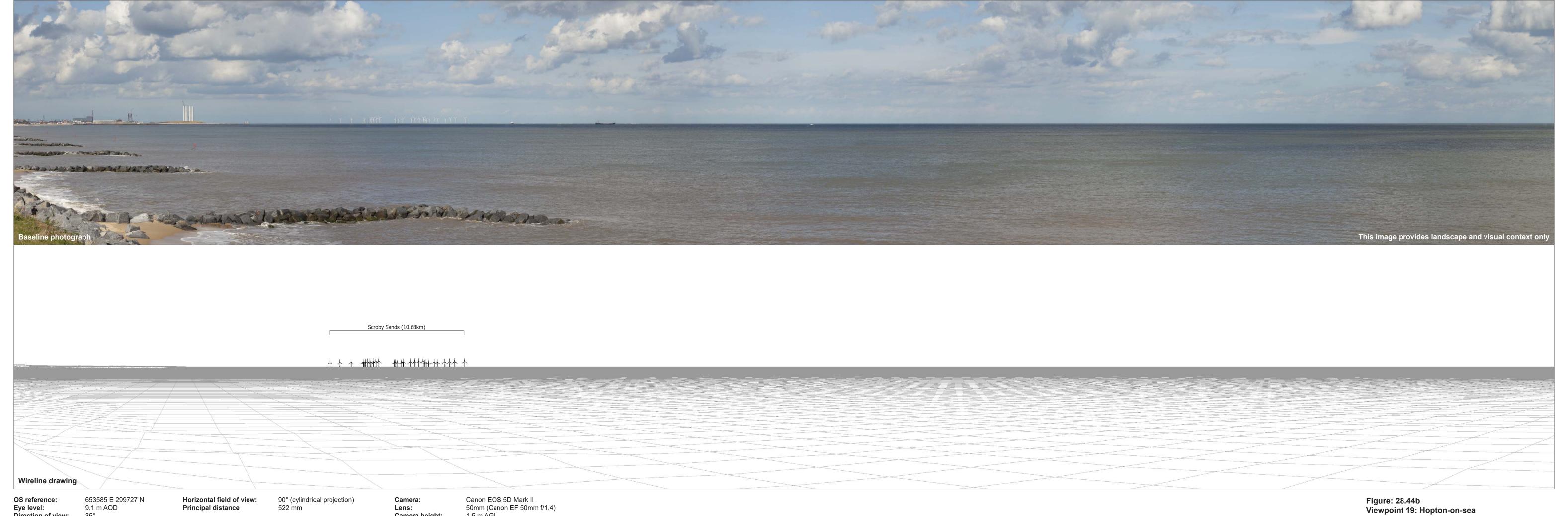
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East Anglia TWO
Viewpoint: 19

Doc Ref EA2-DEVWF-ENV-REP-IBR-000823
Rev 4 Datum: WGS 1984

 Rev
 4
 Datum: WGS 1984 Projection: Zone 31N

 Figure
 28.44a



Eye level: Direction of view: Nearest turbine:

9.1 m AOD 37.550 km

Horizontal field of view: Principal distance

90° (cylindrical projection) 522 mm

Lens: Camera height: 1.5 m AGL Date and time:

50mm (Canon EF 50mm f/1.4) 12/09/17 13:53

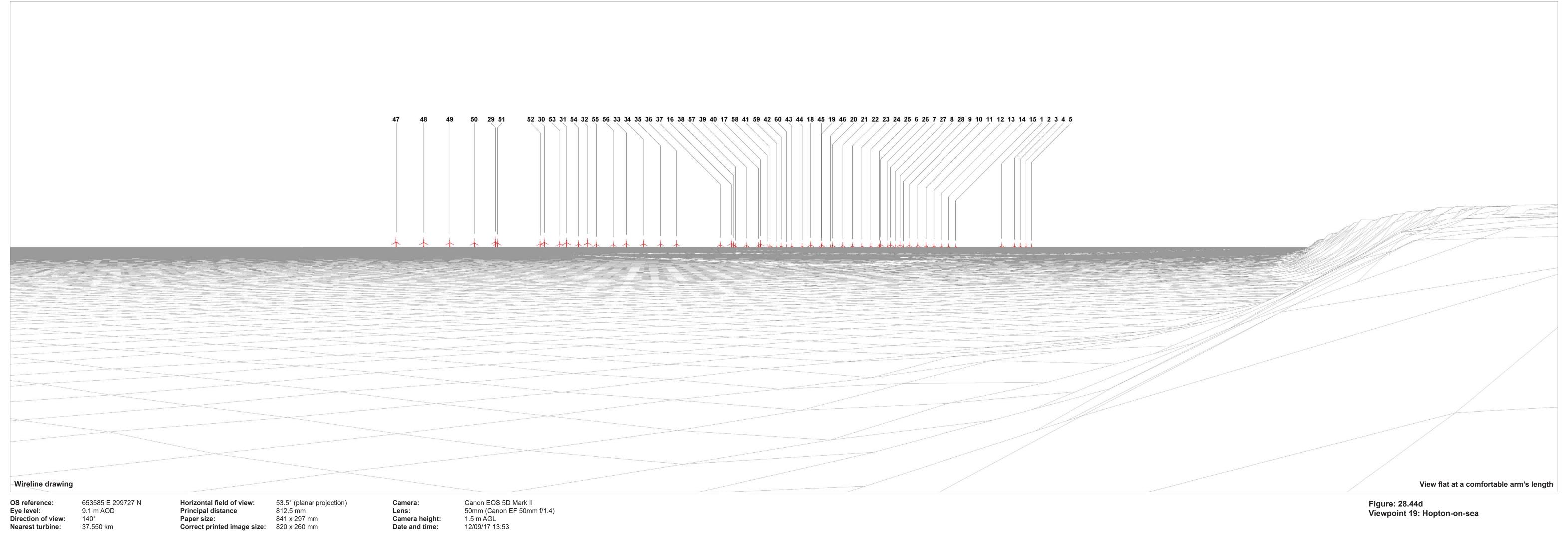


Eye level: Direction of view: Nearest turbine:

37.550 km

Camera height: Date and time:

50mm (Canon EF 50mm f/1.4) 1.5 m AGL 12/09/17 13:53



37.550 km

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

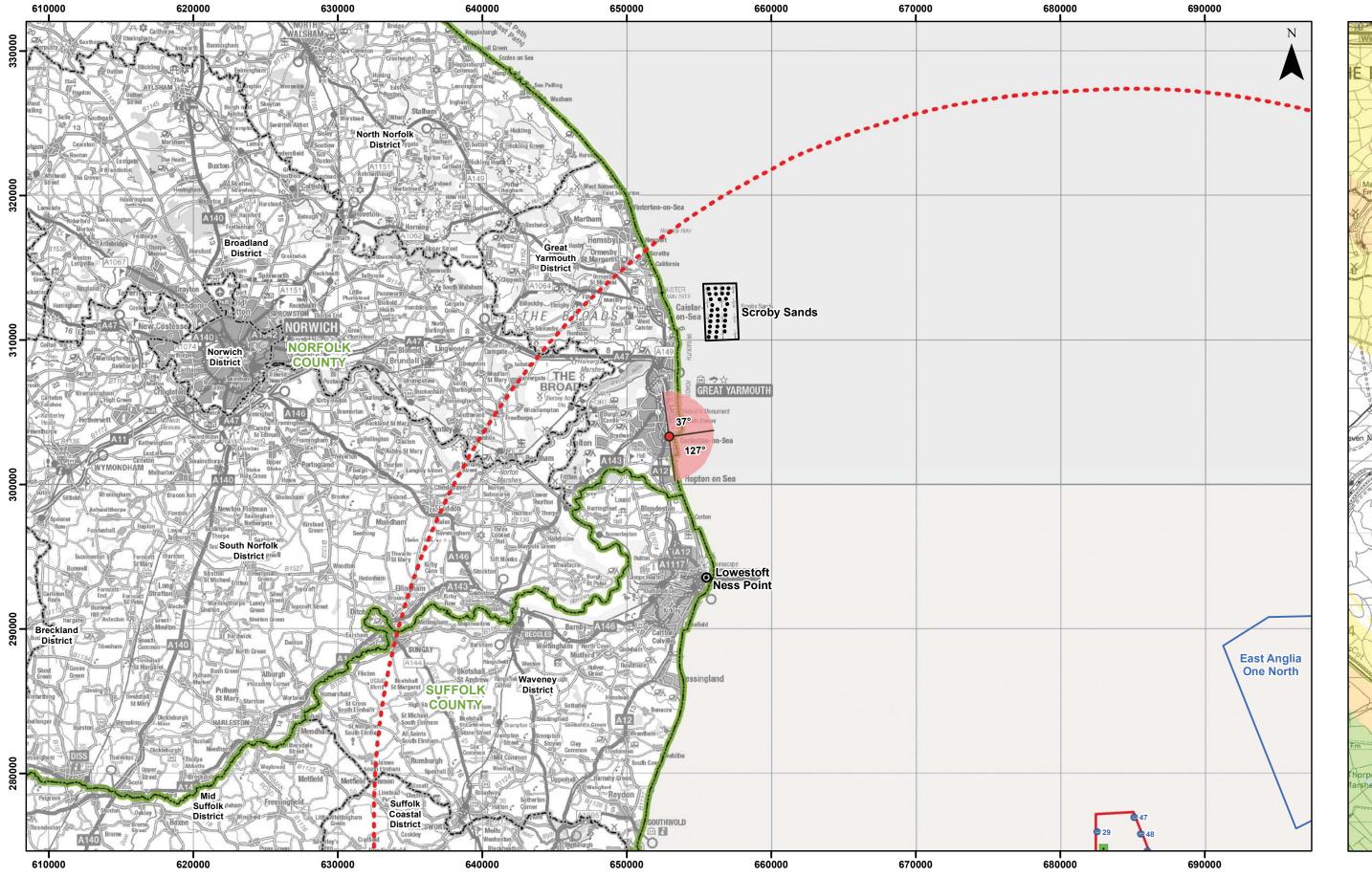


653585 E 299727 N 9.1 m AOD

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

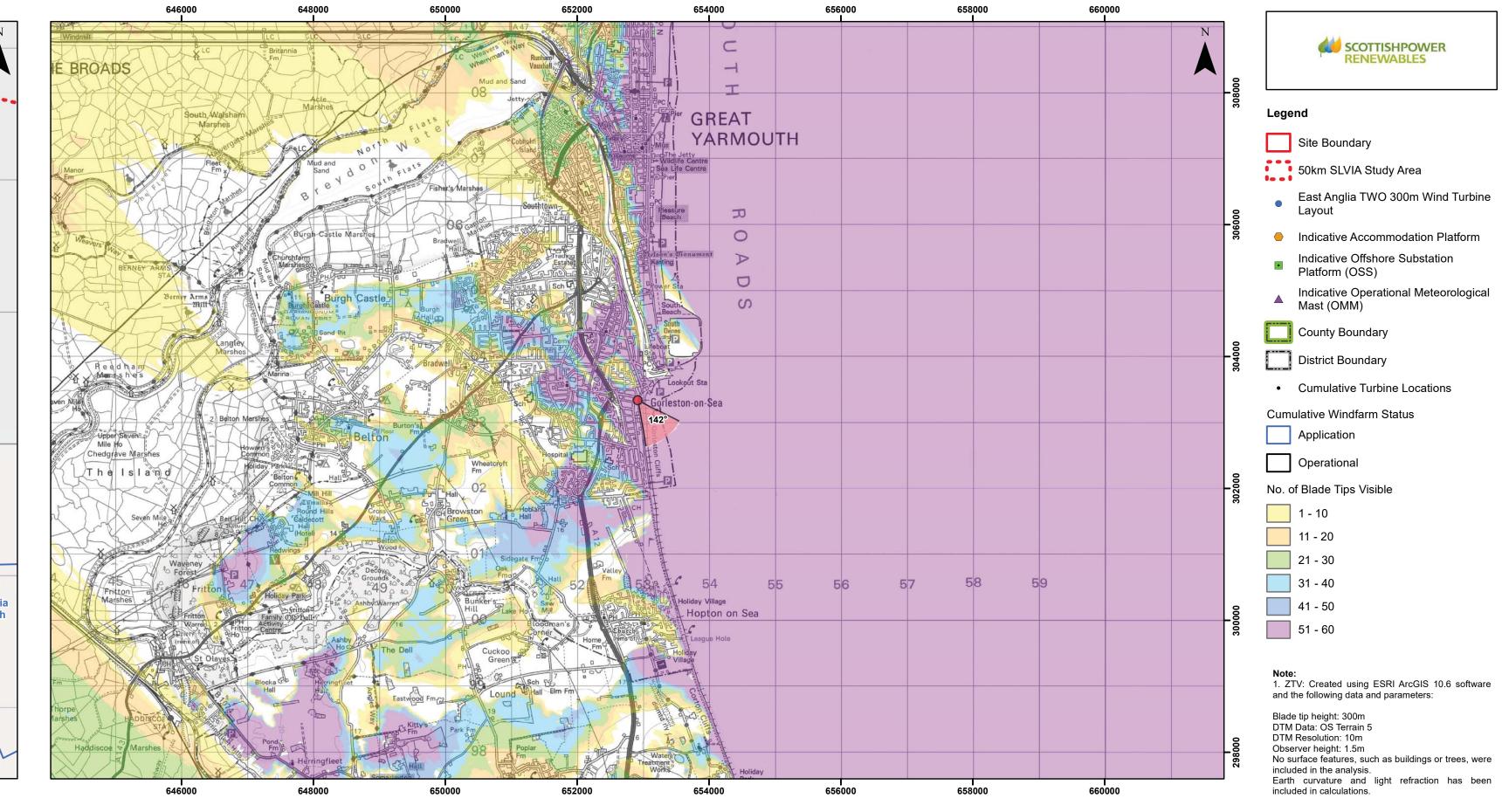
Camera: Camera height: Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 12/09/17 13:53

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



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

viewpoint Loca



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

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3	19/12/2018	TH	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 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	TH 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.	contained on this map.	Viewpoint: 20
2	02/11/2018	LA	Minor Edits	Checked:	SM			Gorleston-on-sea	
Rev	Date	Ву	Comment	Approved:	LT	product has been derived in part from material obtained from freUx hydrographic Unitee 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.			

East Anglia TWO	Doc Ref	EA2-DEVWF-EN\	/-REP-IBR-000823
Viewpoint: 20	Rev	4	Datum:
Gorleston-on-sea	Date	16/01/19	WGS 1984 Projection:
	Figure	28.45a	Zone 31N



Scroby Sands (7.40km)

Wireline drawing

OS reference: Eye level: Direction of view: Nearest turbine: 652912 E 303337 N 15.9 m AOD

40.428 km

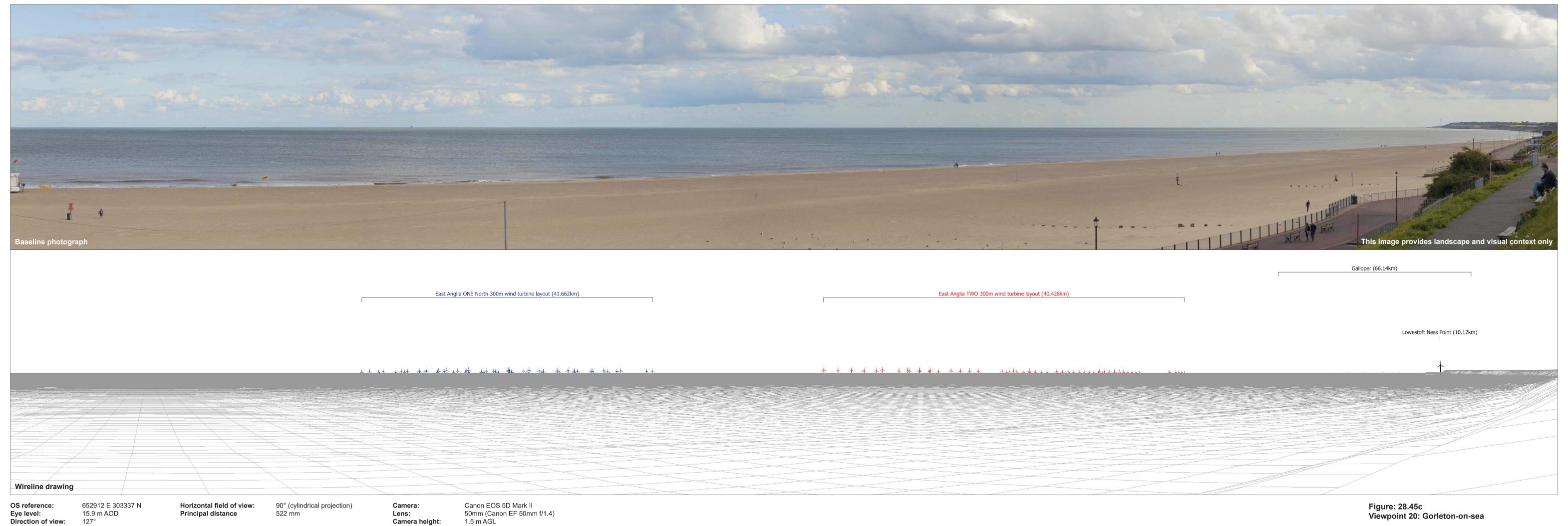
Horizontal field of view: Principal distance

90° (cylindrical projection) 522 mm

Camera: Camera height:

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

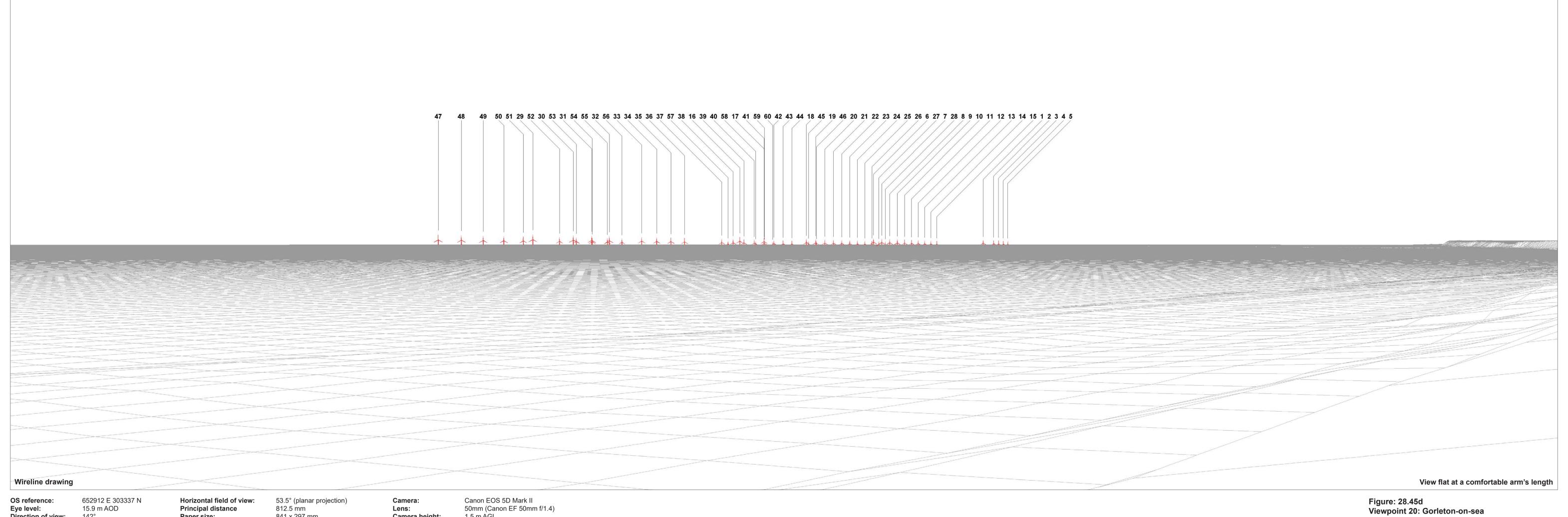
Figure: 28.45b Viewpoint 20: Gorleton-on-sea



Nearest turbine:

40.428 km

12/09/17 14:31 Date and time:



Direction of view: Nearest turbine:

40.428 km

841 x 297 mm Correct printed image size: 820 x 260 mm Camera height:

1.5 m AGL



652912 E 303337 N 15.9 m AOD 40.428 km

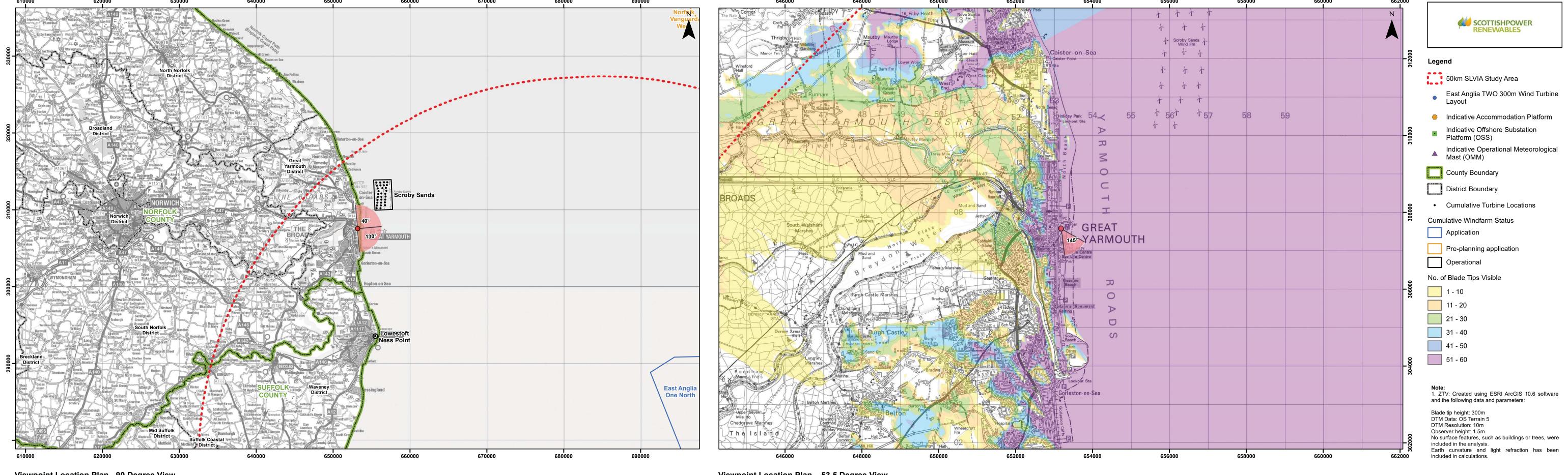
Horizontal field of view: Principal distance

53.5° (planar projection) 812.5 mm Paper size: 841 x 297 mm
Correct 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 14:31

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



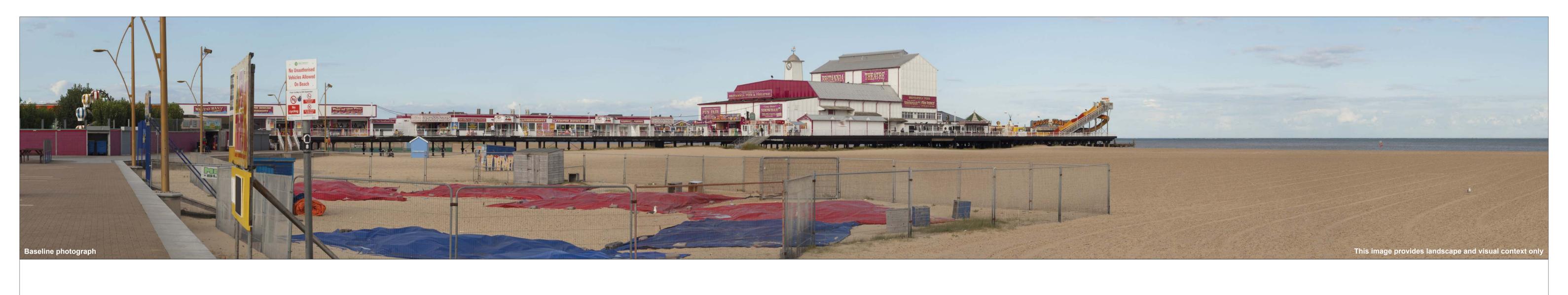
Viewpoint Location Plan - 90 Degree View

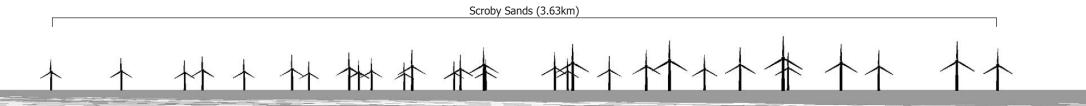
Scale: 1:350,000

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	
3	19/12/2018	TH	Update Layout	Prepared:	TH	contained on this map.  To the fullest extent permitted by law, we accept no responsibility or liability (whether in contract, tort (including	\ /: ! t - 0.4	
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	be liable for any loss, damage or expense caused by such errors or omissions.	Great Yarmouth, South Beach
Rev	Date	Ву	Comment	Approved:	LT	product has been derived in part from material obtained from the Krydrographic Unice with the permission of the Controller of Her Majesty's Stationery Office and UK Hydrographic/fice. NOT TO BE USED FOR NAVIGATION. Contains Ordnance Survey digital data © Crown copyright, All rights reserved 2018 Licence number 0100031673.		

t Anglia TWO	Doc Ref	EA2-DEVWF-ENV	/-REP-IBR-000823
point: 21	Rev	4	Datum:
Yarmouth, South Beach	Date	16/01/19	WGS 1984 Projection:
,	Figure	28.46a	Zone 31N





Wireline drawing

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

653175 E 307578 N 4.7 m AOD 43.237 km

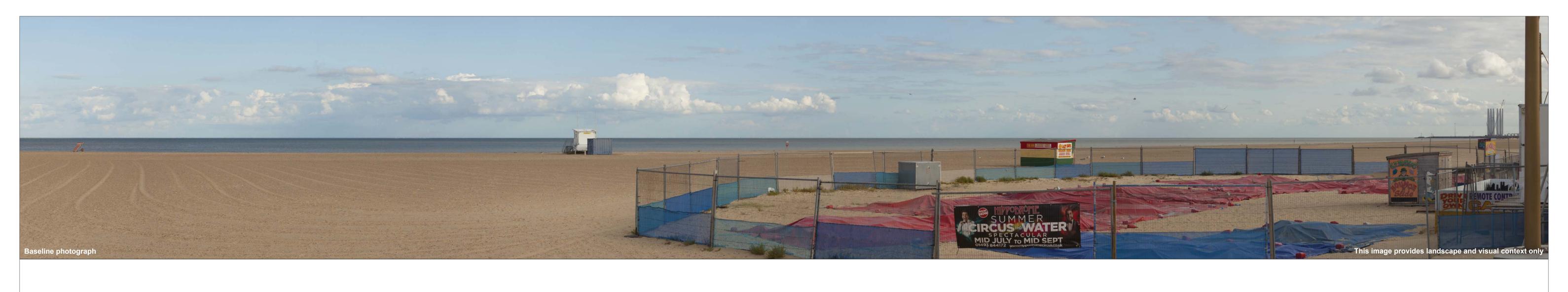
Horizontal field of view: Principal distance

90° (cylindrical projection) 522 mm

Camera: Camera height:

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

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



East Anglia ONE North 300m wind turbine layout (43.124km)

East Anglia TWO 300m wind turbine layout (43.237km)

Lowestoft Ness Point (14.22km)

Wireline drawing

OS reference: Eye level: Direction of view: Nearest turbine: 653175 E 307578 N 4.7 m AOD 43.237 km

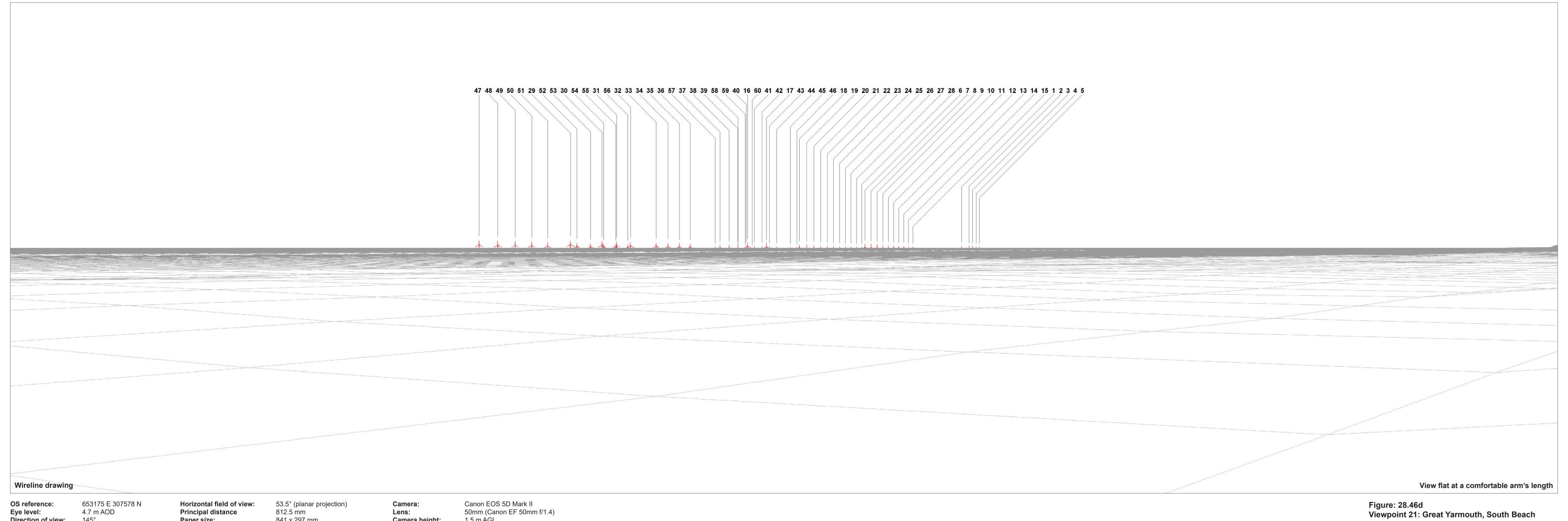
Horizontal field of view: Principal distance

90° (cylindrical projection) 522 mm

Camera: 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

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



43.237 km

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

812.5 mm

Camera height: 1.5 m AGL



653175 E 307578 N 4.7 m AOD 43.237 km

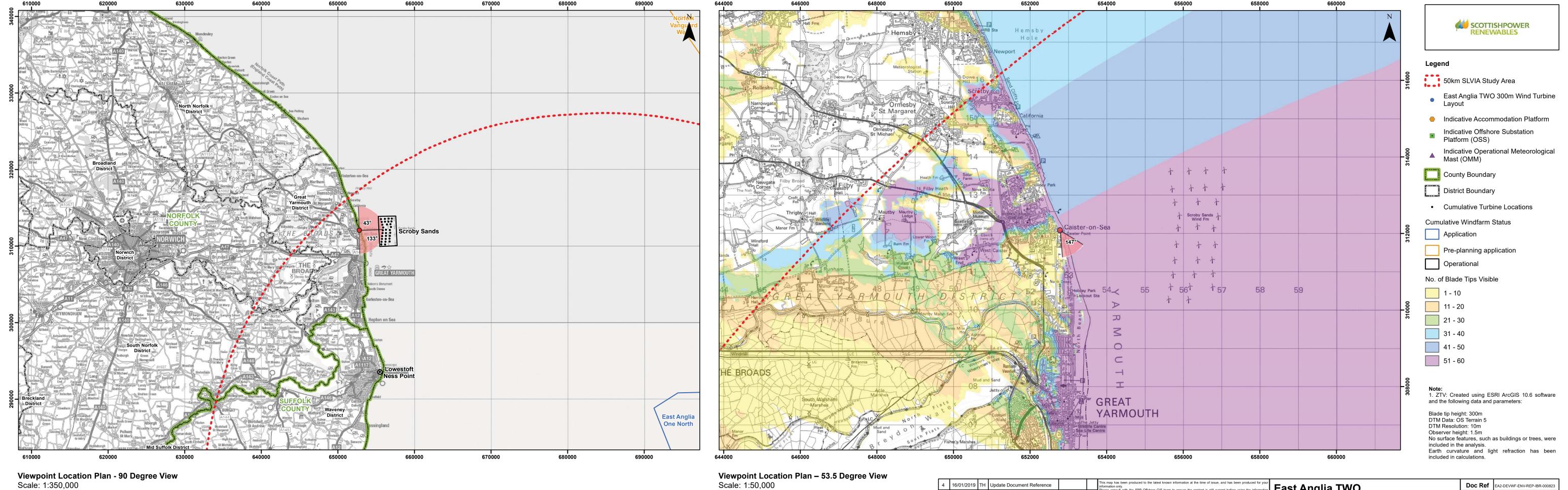
Horizontal field of view: 53.5° (planar projection)
Principal distance 812.5 mm
Paper size: 841 x 297 mm
Correct printed image size: 820 x 260 mm

Camera height: Date and time:

Camera:

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

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



Scale: 1:350,000

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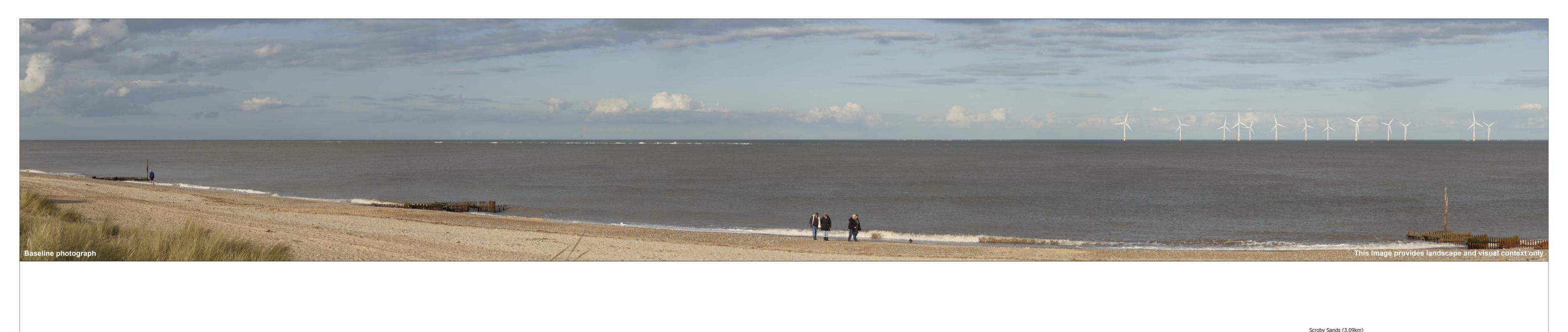
East Anglia TWO Viewpoint: 22

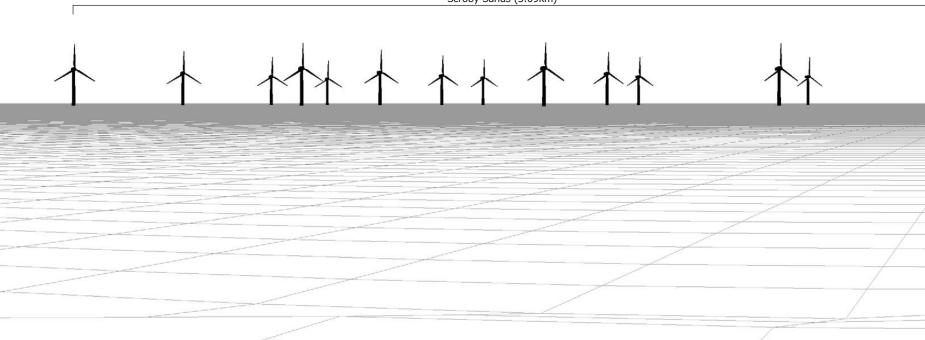
Caister-on-sea

Doc Ref EA2-DEVWF-ENV-REP-IBR-000823 16/01/19 Projection:

28.47a

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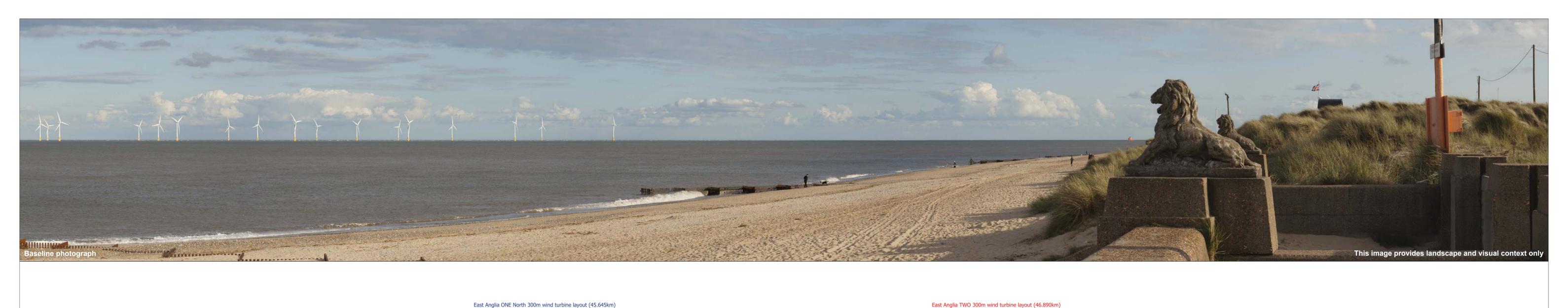
Wireline drawing

652777 E 312085 N 6.8 m AOD 43° 46.890 km

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 12/09/17 16:03 Figure: 28.47b Viewpoint 22: Caister-on-sea



Scrity Zento (), 1996 mills Annual An

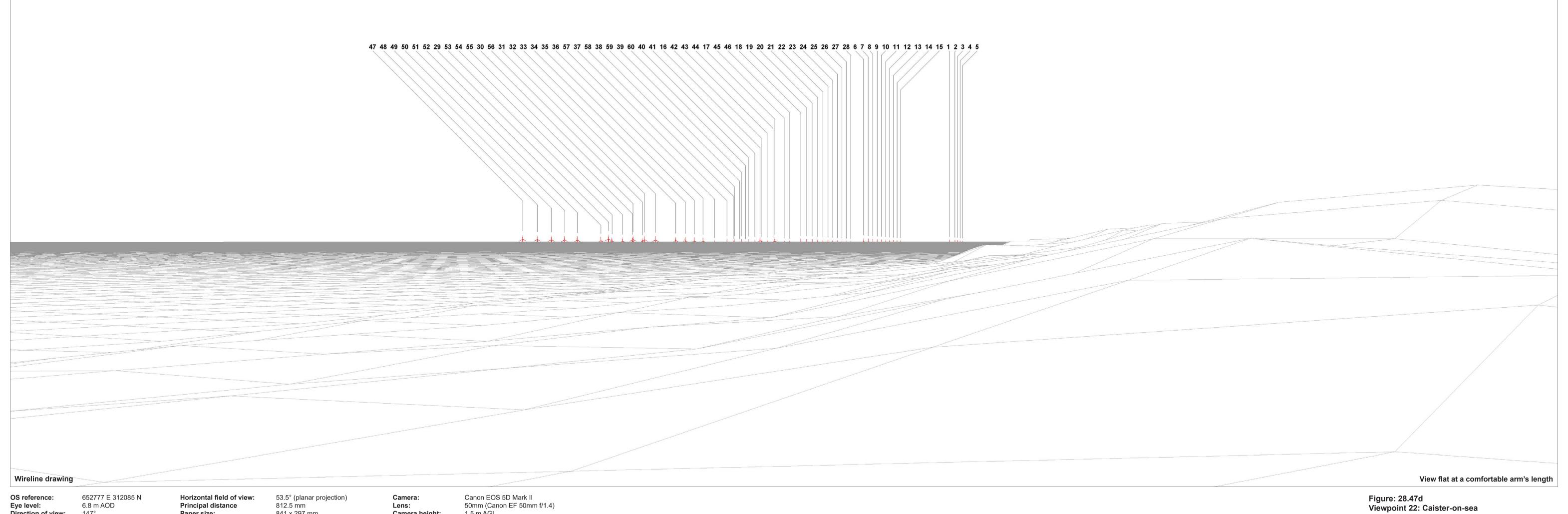
OS reference: Eye level: Direction of view: Nearest turbine:

652777 E 312085 N 6.8 m AOD w: 133° 46.890 km

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) t: 1.5 m AGL 12/09/17 16:03

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



Eye level: Direction of view: Nearest turbine:

6.8 m AOD

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

812.5 mm 841 x 297 mm Camera height:

1.5 m AGL



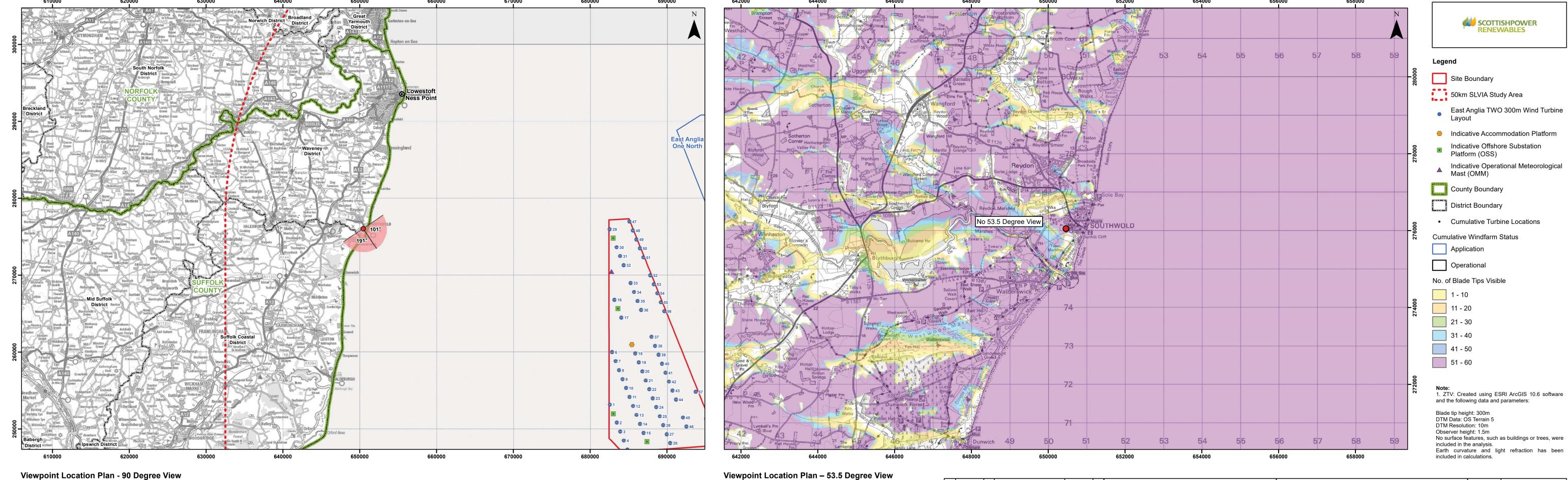
652777 E 312085 N 6.8 m AOD

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

Scale: 1:50,000

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Prepared:

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East Anglia TWO

Doc Ref EA2-DEVWF-ENV-REP-IBR-000823 Datum: 16/01/19 Projection: Southwold Common

28.48a

P:\2015\150887\_EA1N&2\GIS\ArcGIS\ArcMap\OFFSHORE\_WF\PIER\_EA2\Rev\_04\150887\_EA2\_Fig28\_26-53\_rv4\_VPlocs\_DDP.mxd

Rev Date By Comment



East Anglia ONE North 300m wind turbine layout (43.117km)

East Anglia TWO 300m wind turbine layout (32.139km)

Wireline drawing

OS reference: Eye level: Direction of view:

Nearest turbine:

650484 E 276162 N 13 m AOD 32.139 km

Horizontal field of view: Principal distance

90° (cylindrical projection)

Camera: Camera height:

Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 17/09/17, 14:41

Figure: 28.48b Viewpoint A: Southwold Common



Direction of view:

650484 E 276162 N 13 m AOD Nearest turbine: 32.139 km

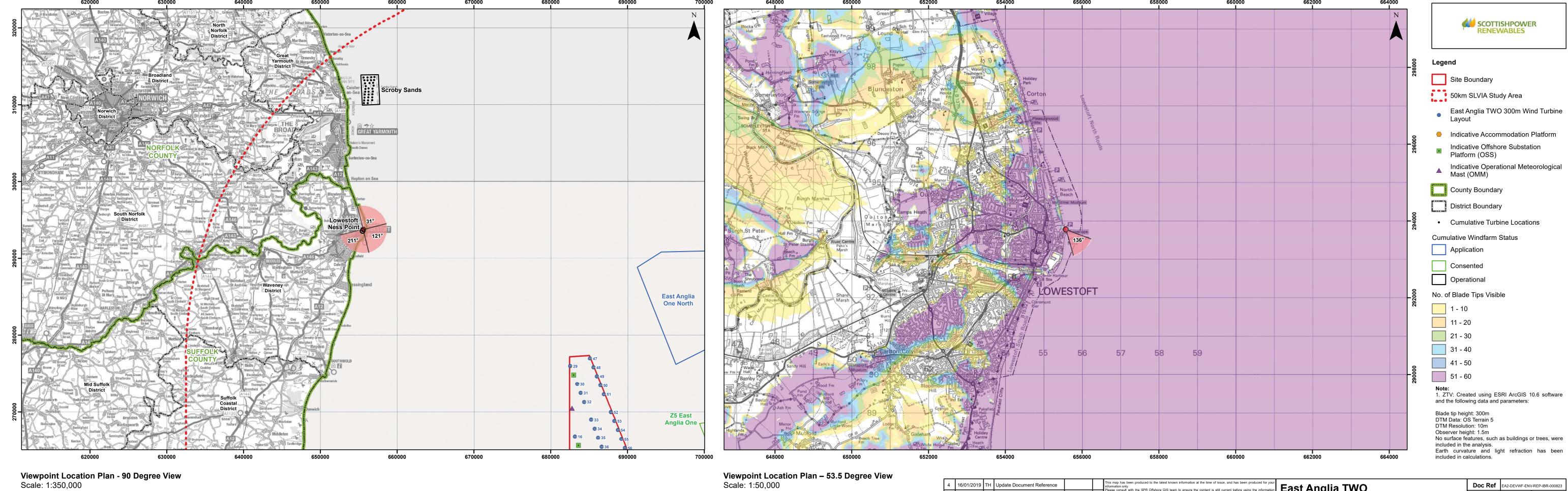
Horizontal field of view: Principal distance

90° (cylindrical projection) 522 mm

Camera height: Date and time:

Canon EOS 5D Mark II 50mm (Canon EF 50mm f/1.4) 1.5 m AGL 17/09/17, 14:41

Figure: 28.48c Viewpoint A: Southwold Common



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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: B
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 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.	Ness Point Lowestoft
Rev	Date	Ву	Comment	Approved:	LT		

East Anglia TWO Doc Ref EA2-DEVWF-ENV-REP-IBR-000823 Datum: Viewpoint: B 16/01/19 Projection:

28.49a



655573 E 293668 N 5.7 m AOD 32.353 km

Horizontal field of view: Principal distance

90° (cylindrical projection) 522 mm

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

Figure: 28.49b Viewpoint B: Ness Point Lowestoft

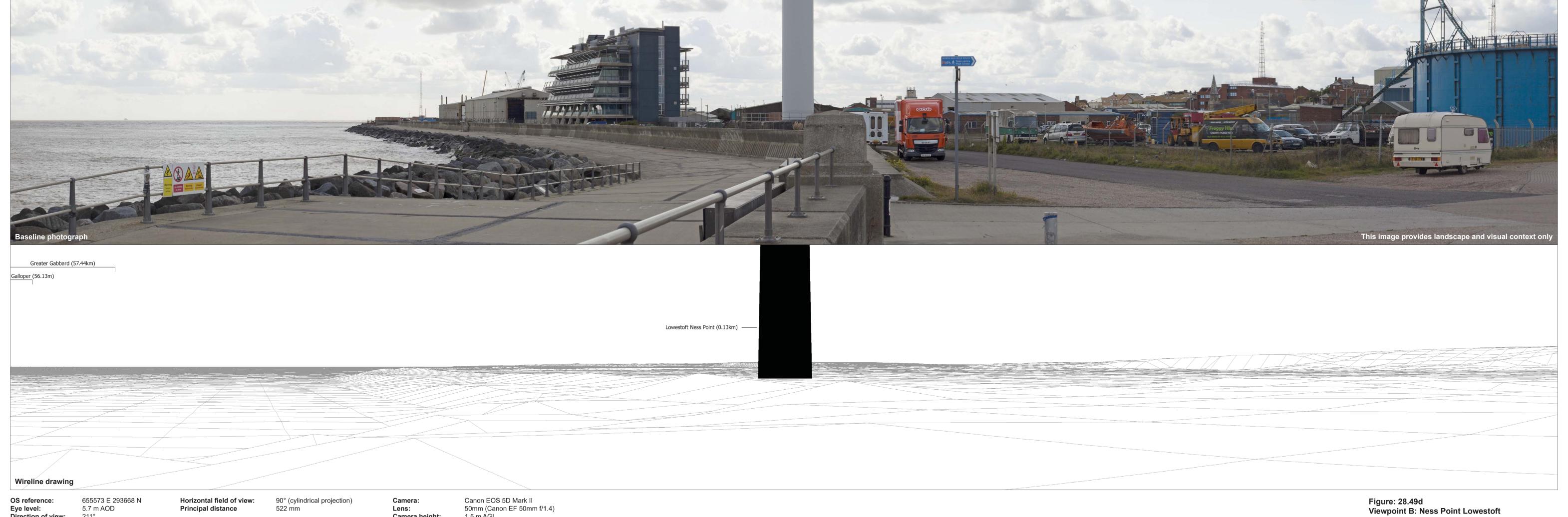
This image provides landscape and visual context only East Anglia ONE North 300m wind turbine layout (36.620km) East Anglia TWO 300m wind turbine layout (32.353km) At the the the their their the table the Wireline drawing 655573 E 293668 N Canon EOS 5D Mark II OS reference: Horizontal field of view: 90° (cylindrical projection) Camera: Figure: 28.49c 50mm (Canon EF 50mm f/1.4) Eye level: 5.7 m AOD Principal distance Viewpoint B: Ness Point Lowestoft

Direction of view:

Nearest turbine: 32.353 km

Camera height: Date and time:

1.5 m AGL 12/09/17, 12:56



Eye level:
Direction of view:
Nearest turbine:

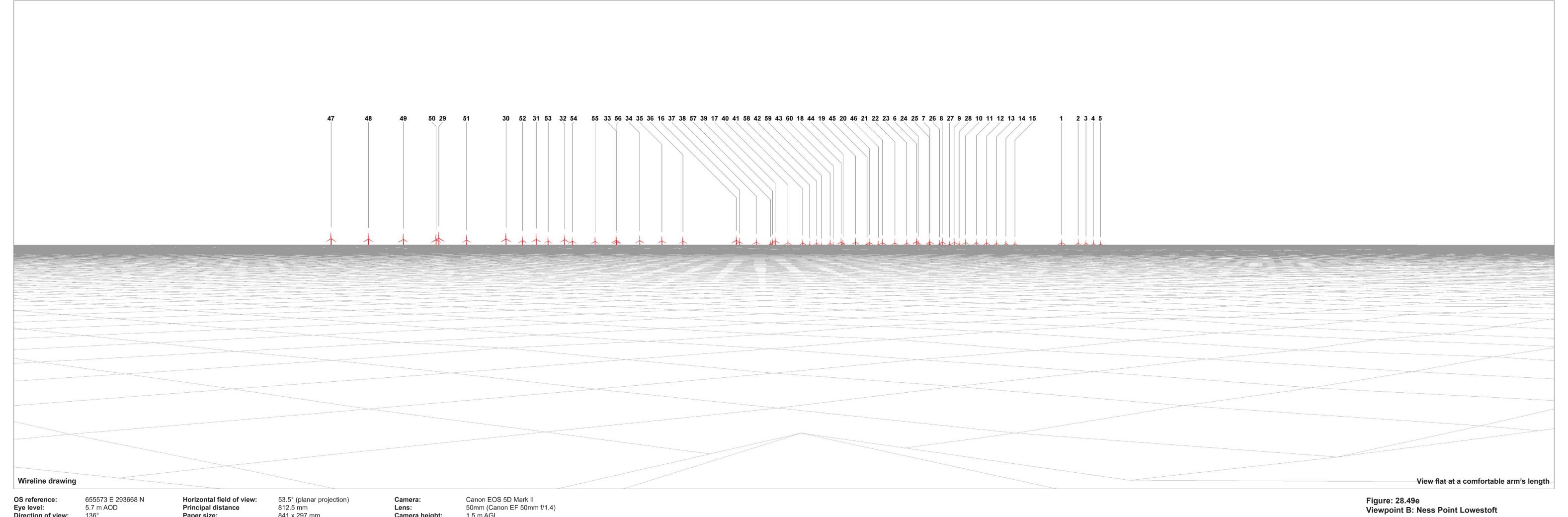
655573 E 293668 N 5.7 m AOD 32.353 km

Horizontal field of view: Principal distance

90° (cylindrical projection) 522 mm

Camera height: Date and time:

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



Eye level: Direction of view: Nearest turbine:

32.353 km

Paper size: 841 x 297 mm
Correct printed image size: 820 x 260 mm

Camera height:

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



655573 E 293668 N 5.7 m AOD 32.353 km

Horizontal field of view: 53.5° (planar projection)

Principal distance 812.5 mm

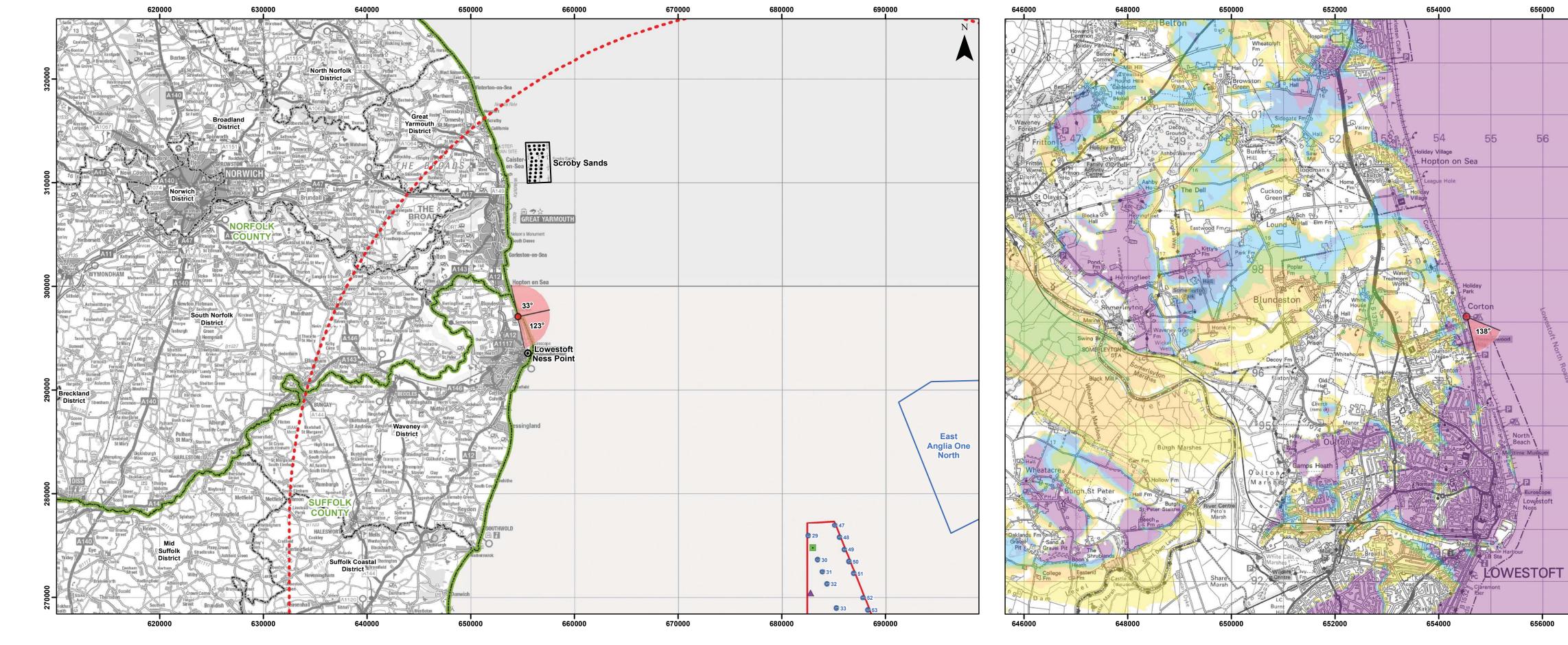
Paper size: 841 x 297 mm

Correct 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

Figure: 28.49f Viewpoint B: Ness Point Lowestoft



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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Doc Ref EA2-DEVWF-ENV-REP-IBR-000823 East Anglia TWO Corton Holiday Village

16/01/19 Projection: 28.50a

ZTV: Created using ESRI ArcGIS 10.6 software

Observer height: 1.5m No surface features, such as buildings or trees, were

Earth curvature and light refraction has been

and the following data and parameters:

Blade tip height: 300m DTM Data: OS Terrain 5

DTM Resolution: 10m

included in the analysis.

included in calculations.

SCOTTISHPOWER RENEWABLES

East Anglia TWO 300m Wind Turbine

Indicative Accommodation Platform

Indicative Operational Meteorological Mast (OMM)

Indicative Offshore Substation Platform (OSS)

Cumulative Turbine Locations

Site Boundary

County Boundary

District Boundary

Application

Operational

1 - 10 11 - 20

21 - 30

31 - 40

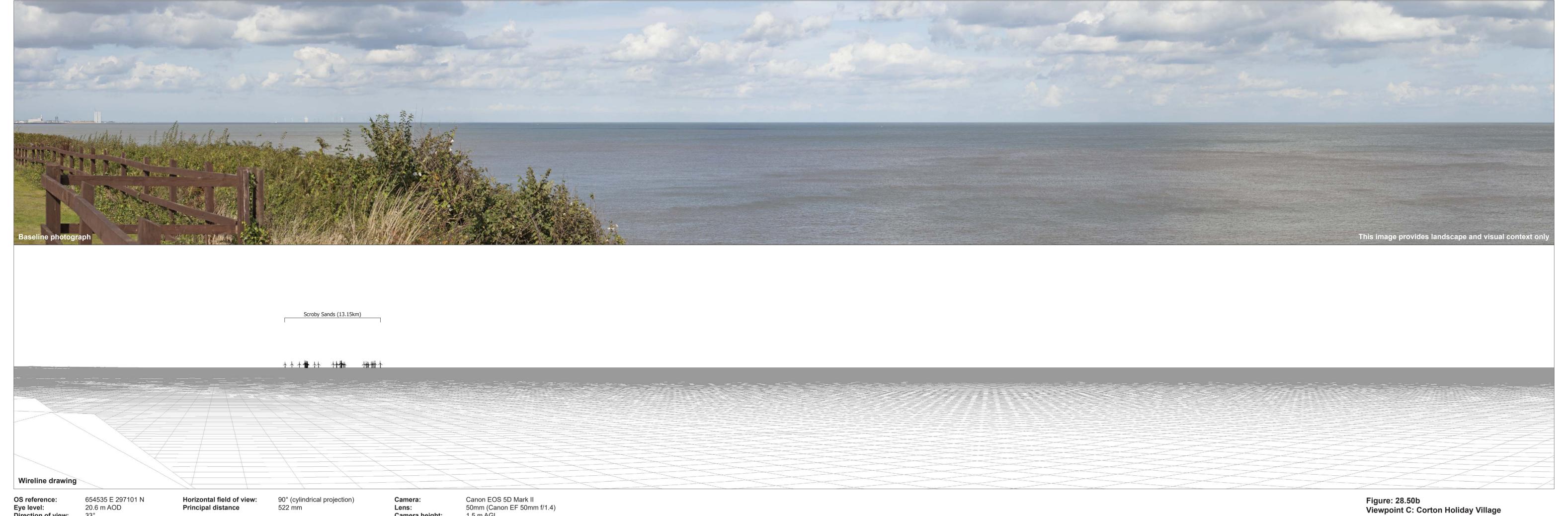
41 - 50 51 - 60

No. of Blade Tips Visible

Cumulative Windfarm Status

Layout

50km SLVIA Study Area



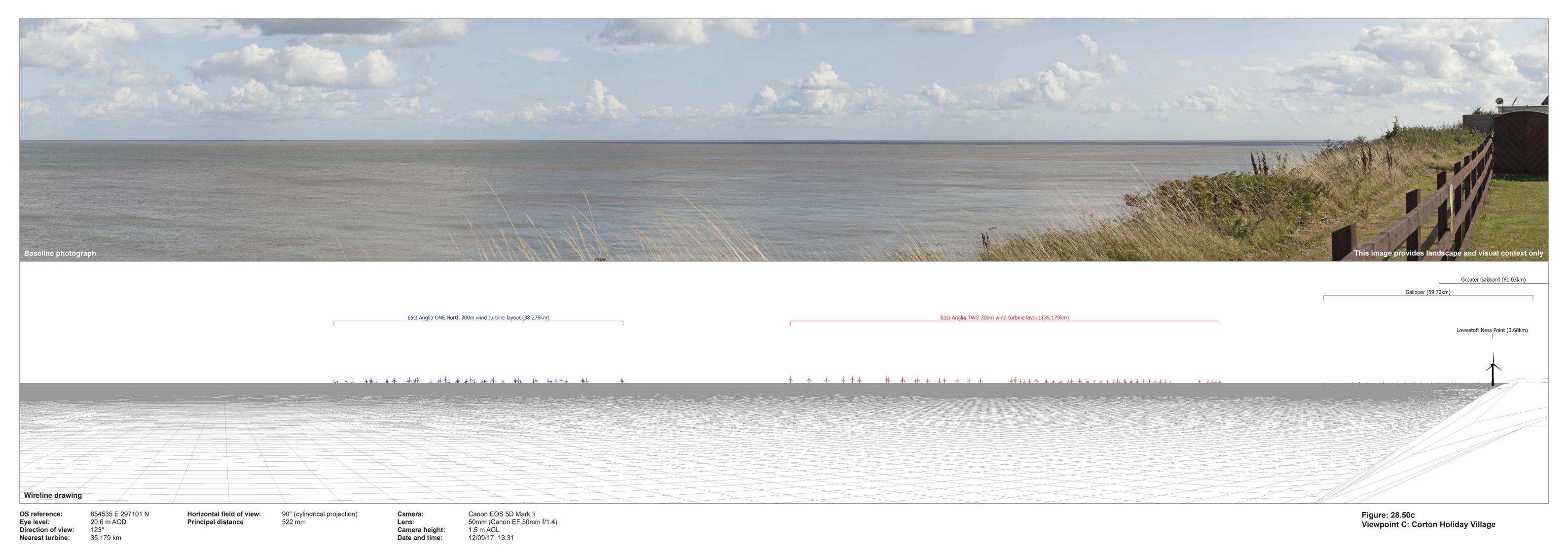
35.179 km

Horizontal field of view: Principal distance

90° (cylindrical projection) 522 mm

Camera height:

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



30 52 53 31 54 32 55 56 33 34 35 36 37 16 38 57 39 17 40 41 58 59 42 60 43 44 18 19 45 20 46 21 22 23 24 6 25 7 26 27 8 28 9 10 11 12 13 14 15 1 2 3 4 5 View flat at a comfortable arm's length Wireline drawing 654535 E 297101 N Figure: 28.50d Viewpoint C: Corton Holiday Village OS reference: 53.5° (planar projection) Camera: Horizontal field of view:

Eye level: Direction of view: Nearest turbine:

20.6 m AOD

Principal distance Correct printed image size: 820 x 260 mm

812.5 mm 841 x 297 mm 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



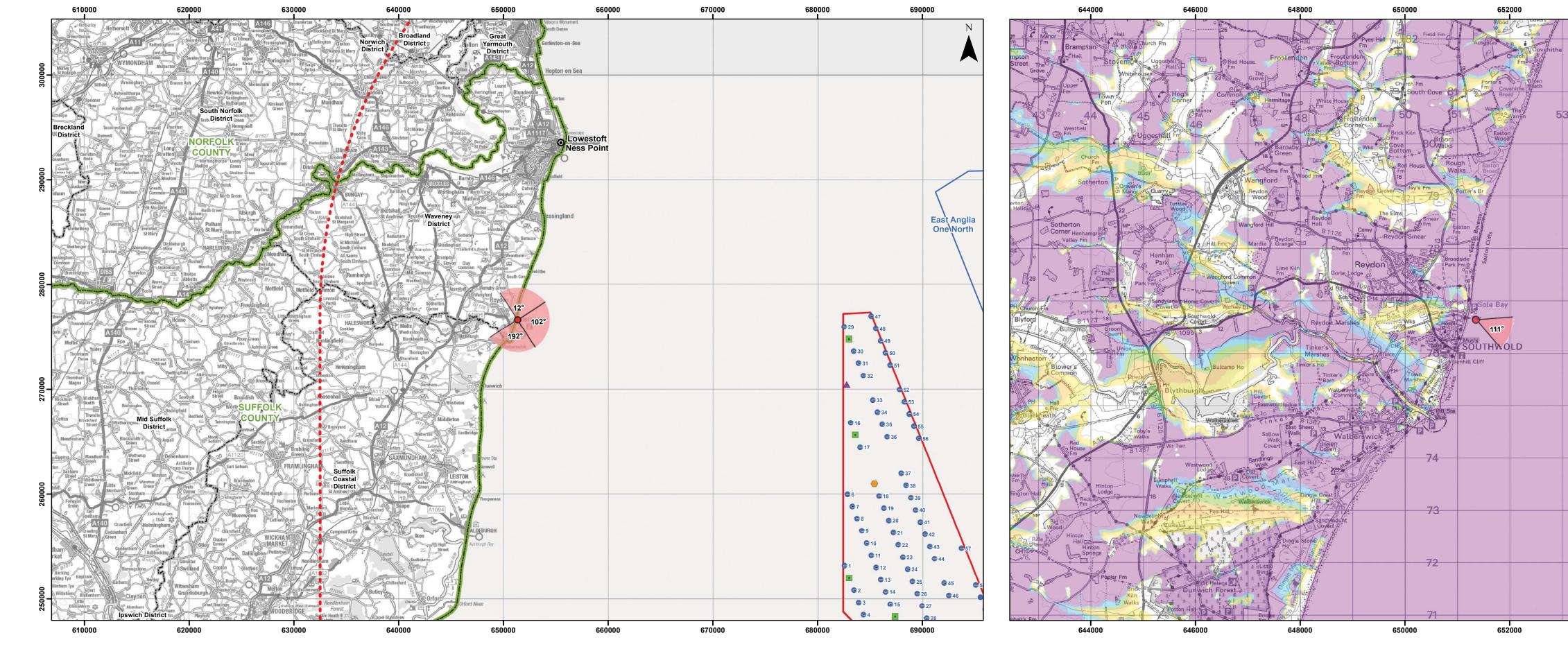
654535 E 297101 N 20.6 m AOD

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

Figure: 28.50e Viewpoint C: Corton Holiday Village



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	)18	тн	Update Layout	Prepared:	I IН		
2	02/11/2	)18 I	LA	Minor Edits				
Re	v Date	ı	Ву	Comment	Approved:	LT		

ast Anglia	TWO
liowpoint: D	

Doc Ref EA2-DEVWF-ENV-REP-IBR-000823 Datum: Date 16/01/19 Projection: 28.51a

SCOTTISHPOWER RENEWABLES

East Anglia TWO 300m Wind Turbine Layout

Indicative Accommodation Platform

Indicative Operational Meteorological Mast (OMM)

ZTV: Created using ESRI ArcGIS 10.6 software and the following data and parameters:

Observer height: 1.5m No surface features, such as buildings or trees, were

included in the analysis.

Earth curvature and light refraction has been

Indicative Offshore Substation Platform (OSS)

Cumulative Turbine Locations

Site Boundary

County Boundary

District Boundary

Application

Operational

1 - 10 11 - 20 21 - 30

31 - 40 41 - 50

51 - 60

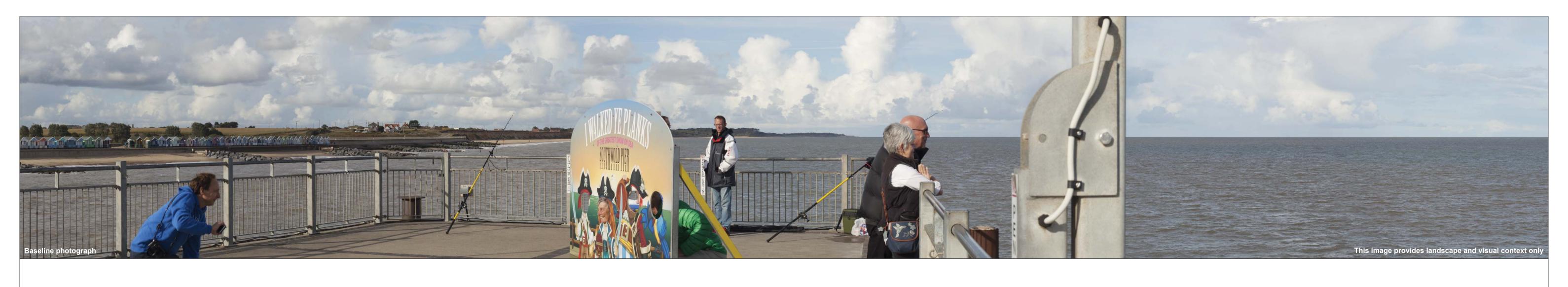
Blade tip height: 300m DTM Data: OS Terrain 5 DTM Resolution: 10m

included in calculations.

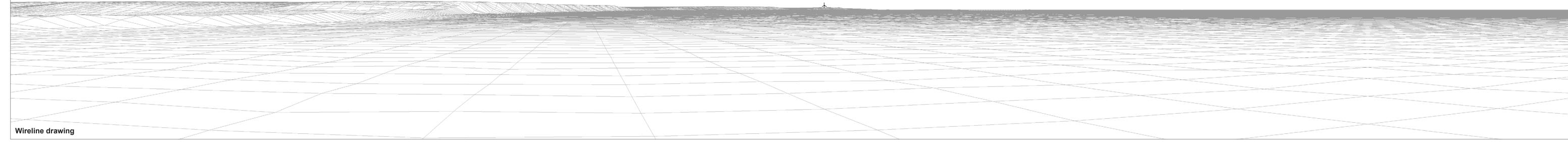
No. of Blade Tips Visible

Cumulative Windfarm Status

50km SLVIA Study Area







651357 E 276627 N 7.0 m AOD 31.274 km

Horizontal field of view: Principal distance

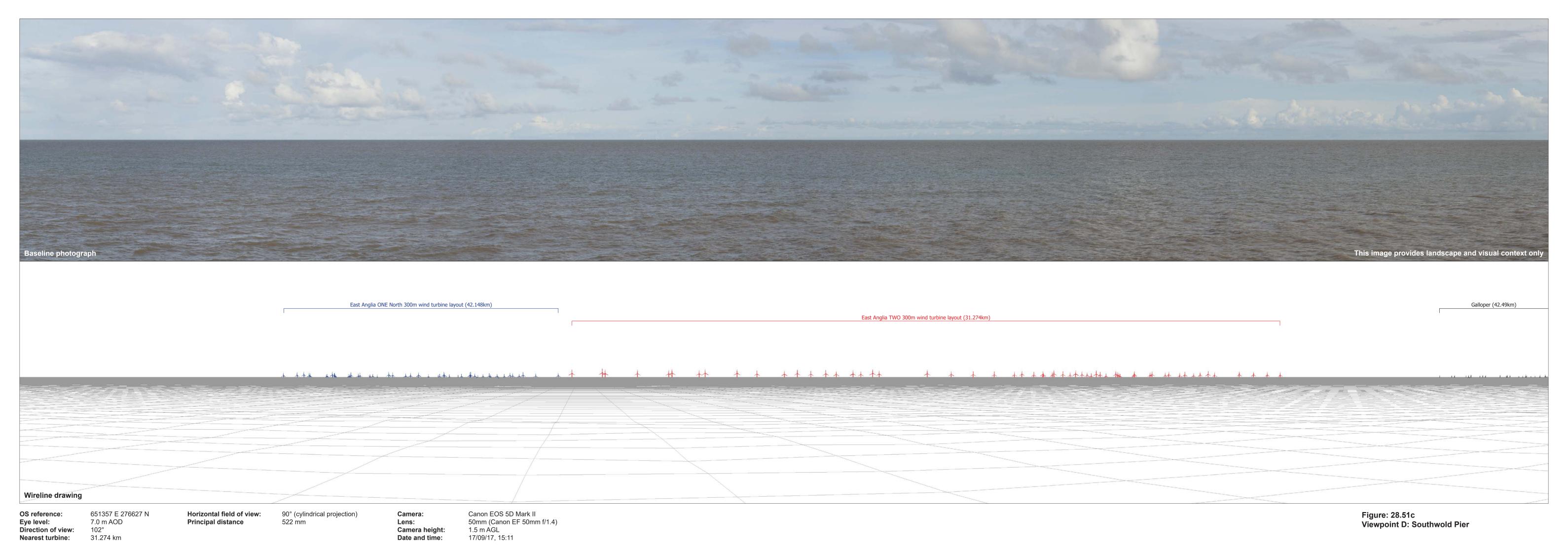
90° (cylindrical projection) 522 mm

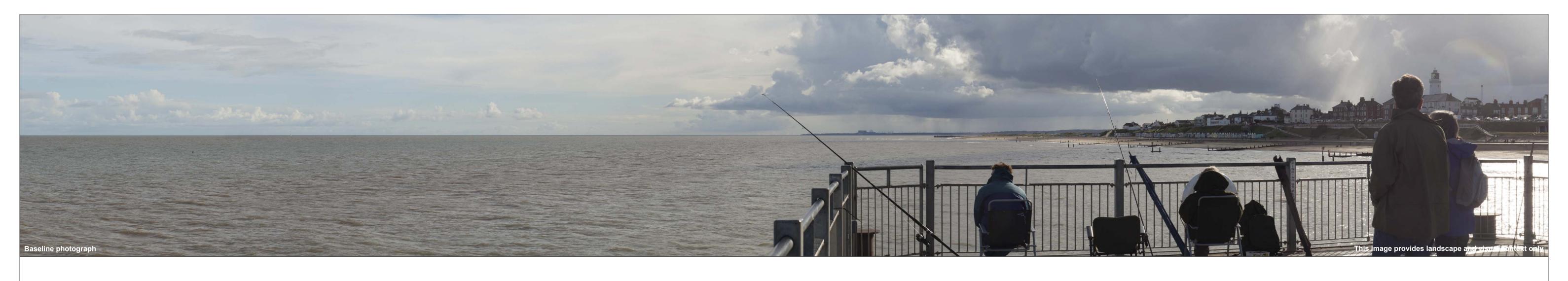
Camera: Camera height:

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: 28.51b Viewpoint D: Southwold Pier





Greater Gabbard (42.72km)

Galloper (42.49km)

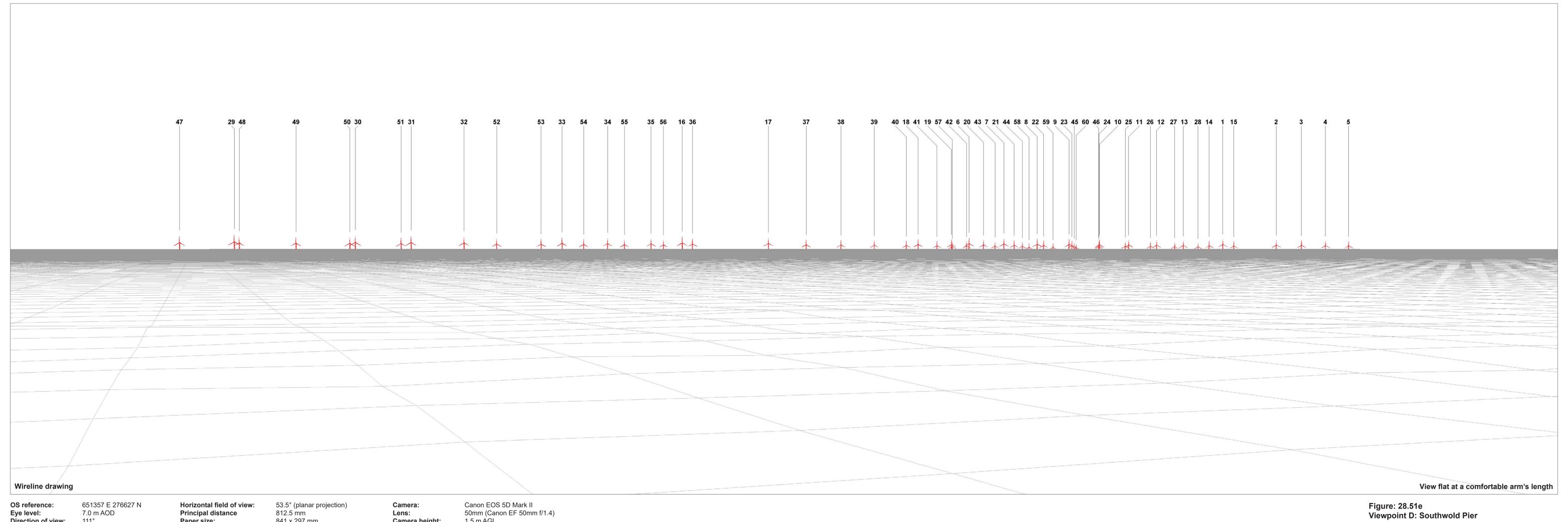
Wireline drawing

OS reference: 651357 E 27
Eye level: 7.0 m AOD
Direction of view: 192°
Nearest turbine: 31.274 km

651357 E 276627 N Horizo 7.0 m AOD Princi

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 17/09/17, 15:11 Figure: 28.51d Viewpoint D: Southwold Pier



Direction of view: 111°
Nearest turbine: 31.274

31.274 km

Paper size:

841 x 297 mm Correct printed image size: 820 x 260 mm Camera height: Date and time:

1.5 m AGL 17/09/17, 15:11



651357 E 276627 N 7.0 m AOD 31.274 km

Horizontal field of view: 53.5° (planar projection)

Principal distance 812.5 mm

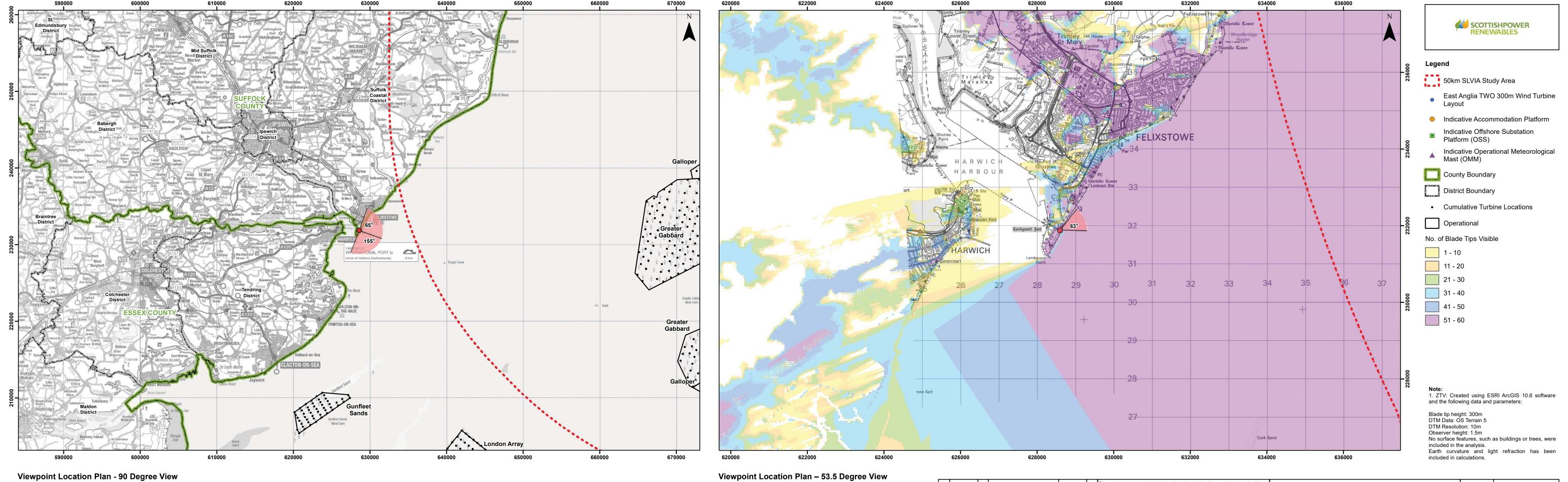
Paper size: 841 x 297 mm

Correct 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

Scale: 1:50,000

4 16/01/2019 TH Update Document Reference ormation only. ease consult with the SPR Offshore GIS team to ensure the content is still current before using the informatio 3 19/12/2018 TH Update Layout lease consult with the SPR Offshore GIS leam to ensure the content is still current before using the information notatined on this map.

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East Anglia TWO Viewpoint: E Landguard Fort

Doc Ref EA2-DEVWF-ENV-REP-IBR-000823 16/01/19 Projection: Zone 31N Date Figure 28.52a



Eye level: Direction of view: Nearest turbine:

628581 E 231874 N 5.35 m AOD

Horizontal field of view: Principal distance

90° (cylindrical projection) 522 mm

Camera height:

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

Figure: 28.52b Viewpoint E: Landguard Fort



Eye level: Direction of view: Nearest turbine:

58.082 km

1.5 m AGL 11/09/17, 11:58

Date and time:

29 47 48 30 49 31 50 32 51 33 52 16 34 53 35 54 17 36 55 56 6 37 7 18 38 8 19 39 9 20 40 10 21 41 1 11 22 42 43 23 12 57 44 24 13 2 25 14 3 45 26 15 4 58 46 27 5 59 28 60 View flat at a comfortable arm's length Wireline drawing 628581 E 231874 N Figure: 28.52b Viewpoint E: Landguard Fort OS reference: Horizontal field of view: 53.5° (planar projection) Camera: 5.35 m AOD Principal distance 812.5 mm

Direction of view: Nearest turbine:

58.082 km

Paper size: Correct printed image size: 820 x 260 mm

841 x 297 mm

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



OS reference: Eye level: Direction of view:

628581 E 231874 N 5.35 m AOD

Horizontal field of view: 53.5° (planar projection)

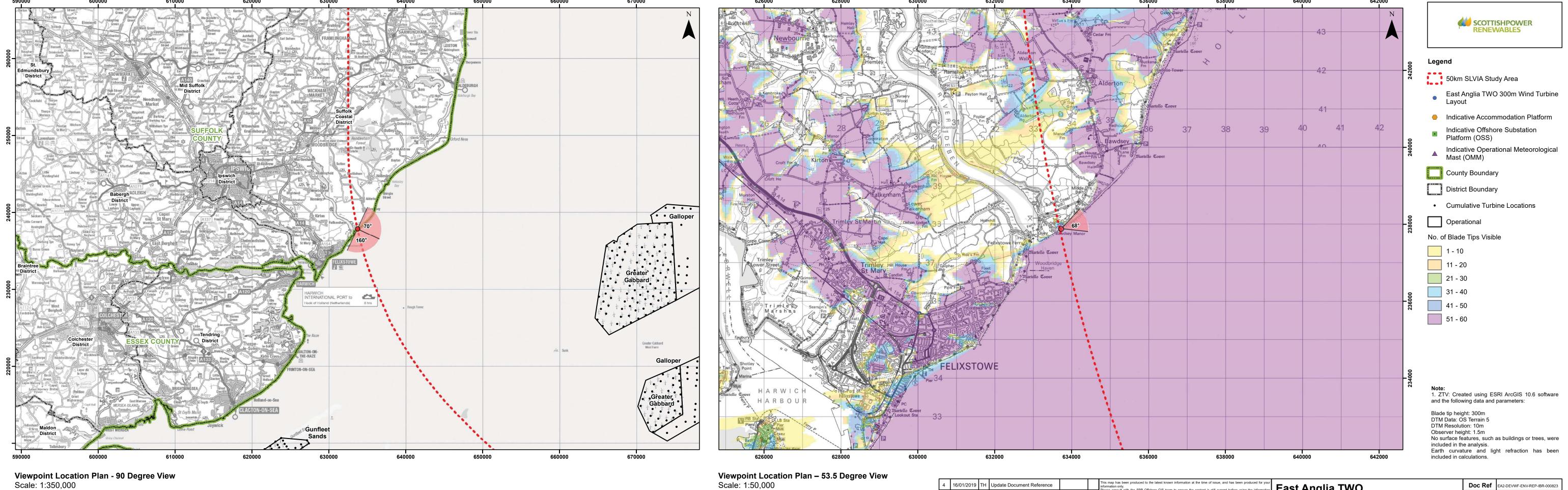
Principal distance 812.5 mm

Paper size: 841 x 297 mm

Correct printed image size: 820 x 260 mm

Camera: Lens: Camera height: 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



Scale: 1:350,000

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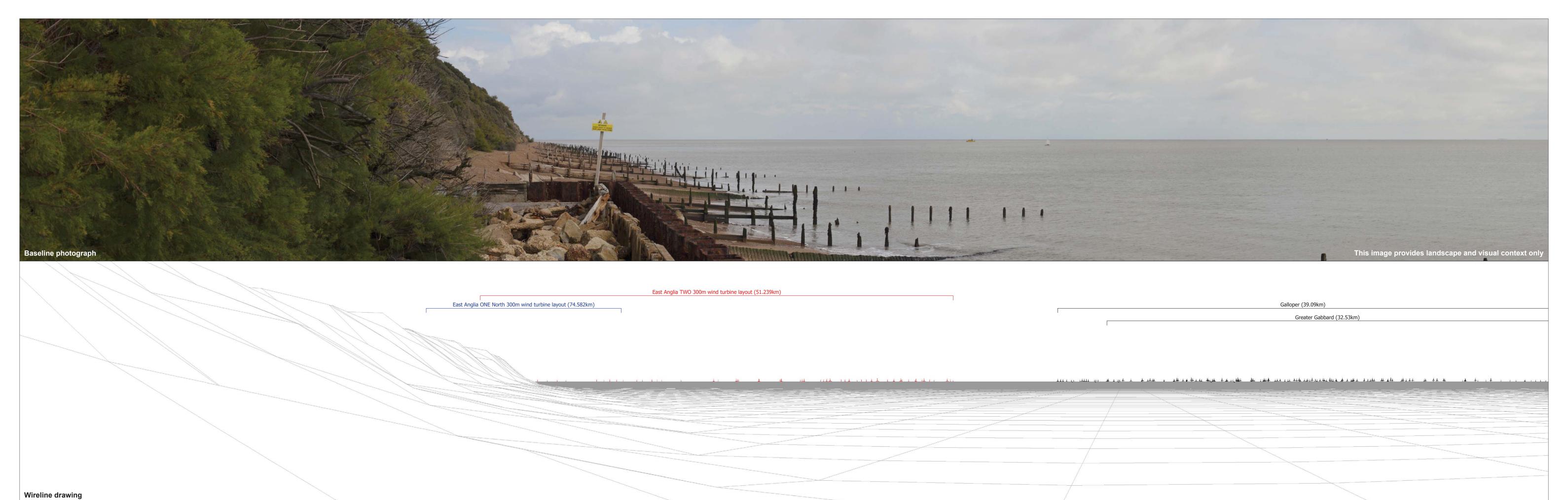
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Doc Ref EA2-DEVWF-ENV-REP-IBR-000823 East Anglia TWO Viewpoint: F

Datum: 16/01/19 Projection: Bawdsey Manor (Pulmahite Cliffs) 28.53a



633723 E 237868 N 3.98m AOD 51.239 km

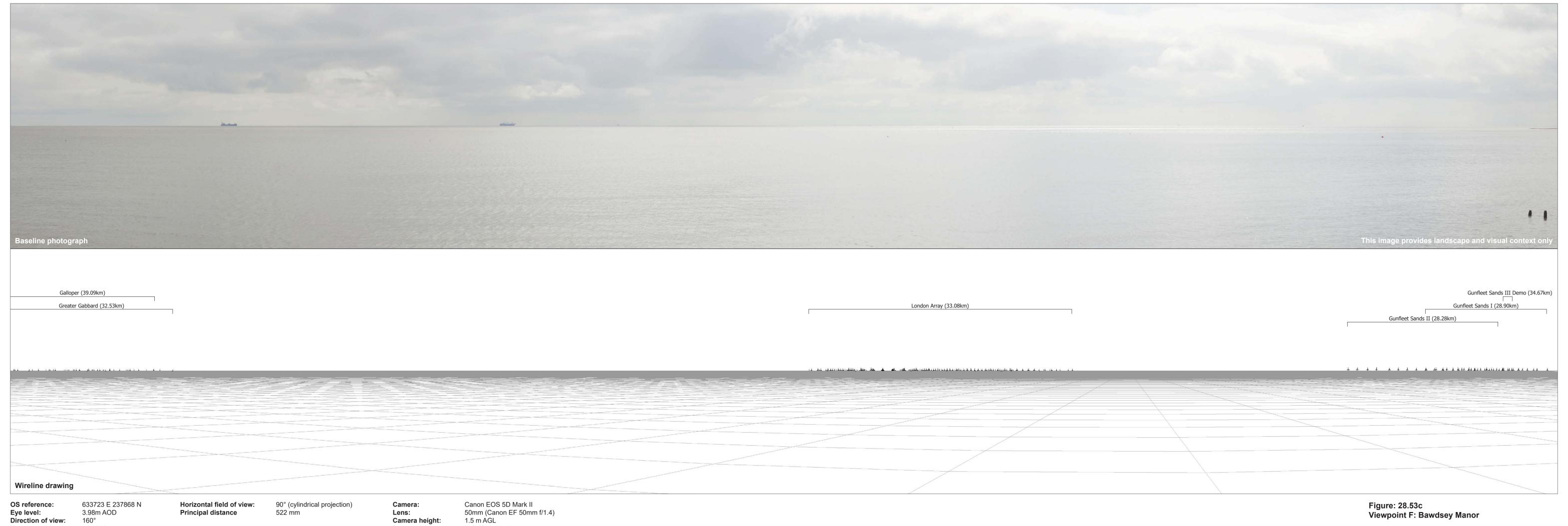
Horizontal field of view: Principal distance

90° (cylindrical projection) 522 mm

Camera: Camera height:

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

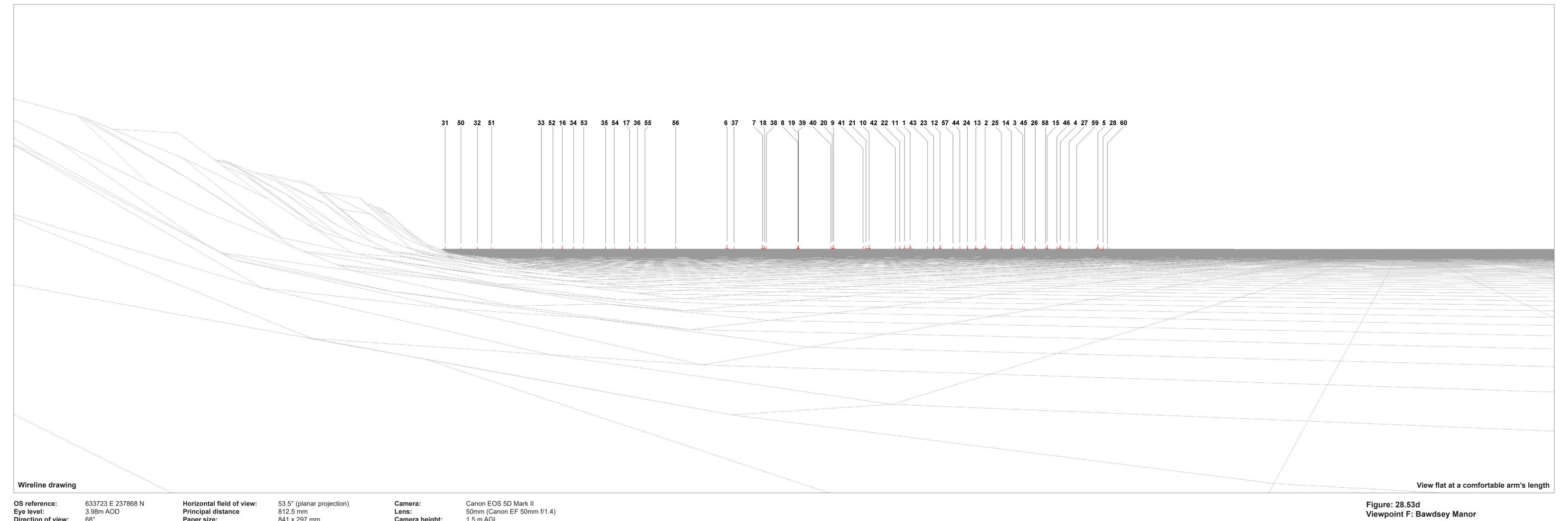
Figure: 28.53b Viewpoint F: Bawdsey Manor



51.239 km

1.5 m AGL 16/09/17, 11:51

Date and time:



Eye level: Direction of view: Nearest turbine:

51.239 km

Paper size: 841 x 297 mm
Correct printed image size: 820 x 260 mm

Camera height: Date and time:

1.5 m AGL 16/09/17, 11:51



633723 E 237868 N 3.98m AOD 51.239 km

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

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

Camera:

Figure: 28.53e Viewpoint F: Bawdsey Manor