



Morecambe Offshore Windfarm: Generation Assets Environmental Statement

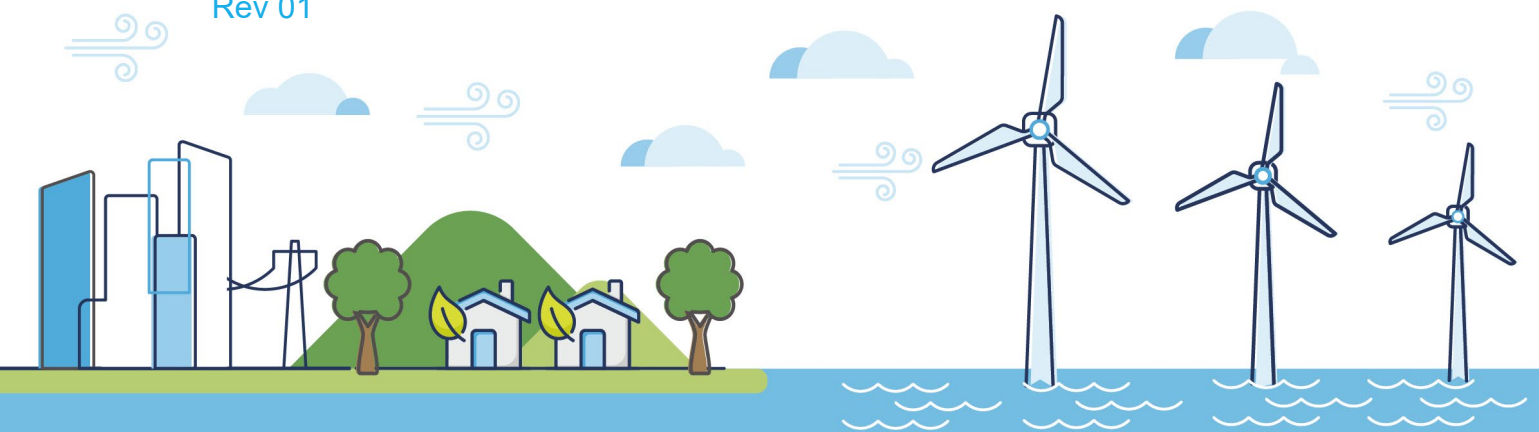
Volume 5

Chapter 18 SLVIA Figures (Part 21 of 34)

PINS Document Reference: 5.3.18.21

APFP Regulation: 5(2)(a)

Rev 01



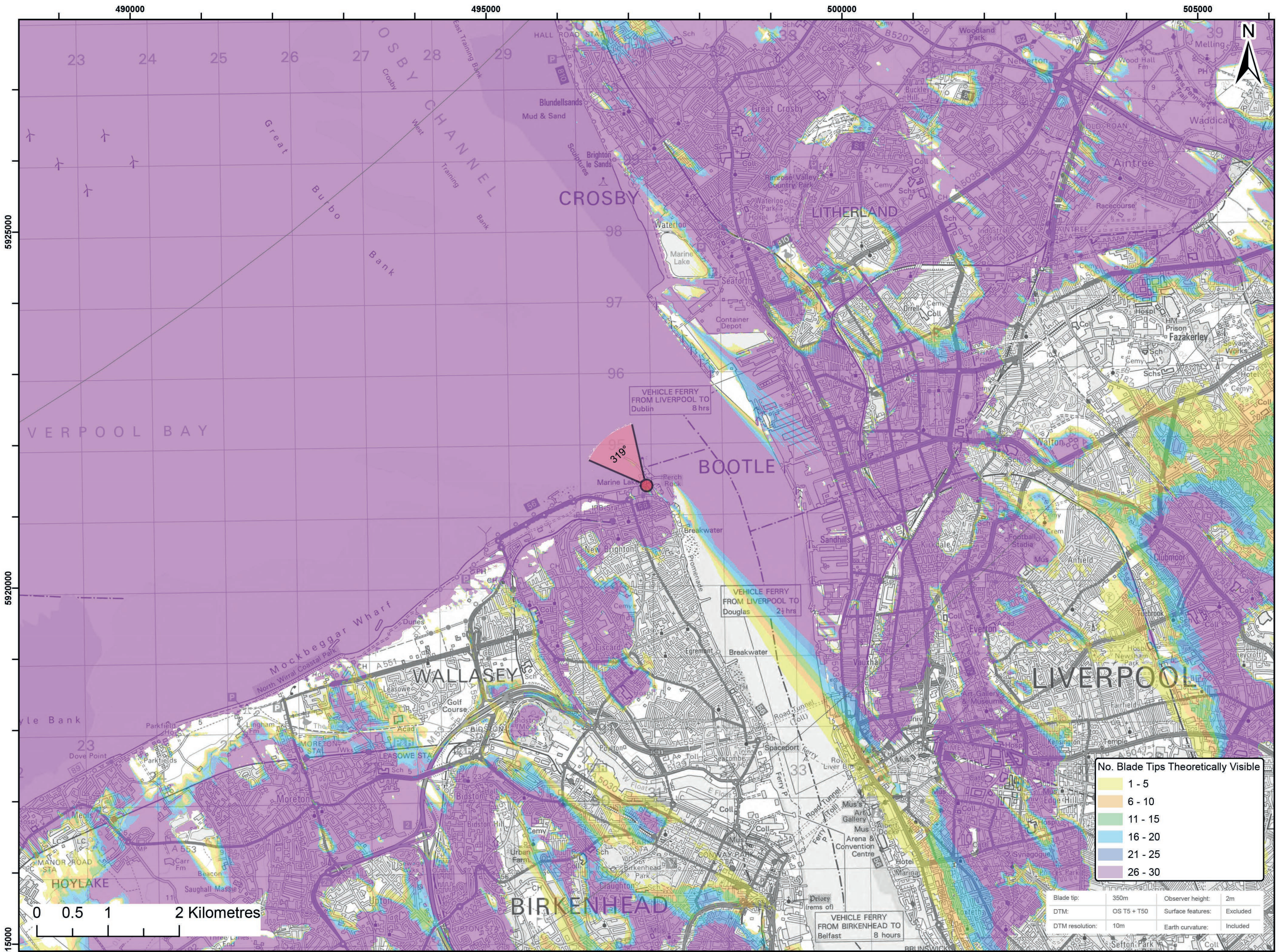
Document History

| | | | |
|------------------------|-----------------------------|-----------------|----------|
| Doc No | MOR001-FLO-CON-ENV-FIG-1180 | Rev | 01 |
| Alt Doc No | PC1165-RHD-ES-XX-DG-Z-0018 | | |
| Document Status | Approved for Use | Doc Date | May 2024 |
| PINS Doc Ref | 5.3.18.21 | APFP Ref | 5(2)(a) |


| Rev | Date | Doc Status | Originator | Reviewer | Approver | Modifications |
|------------|-------------|-------------------|--------------------|---------------------------------|---------------------------------|----------------------|
| 01 | May 2024 | Approved for Use | Royal HaskoningDHV | Morecambe Offshore Windfarm Ltd | Morecambe Offshore Windfarm Ltd | n/a |




Viewpoint Location Plan Baseline Panorama (90 Degree View)
Scale: 1:200,000



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





Legend:

| | |
|---|--|
| <ul style="list-style-type: none"> ● Morecambe Offshore Wind Farm - Assumed WTG locations (30 x BT 310m(HAT)) ▼ 90 Degree Field of View ▼ 53.5 Degree Field of View 10km Radii 60km Study Area Morecambe Offshore Windfarm Site | <p>Cumulative Wind Farms Status</p> <ul style="list-style-type: none"> ● Operational ● Under Construction ● Consented ● Application ● Scoping ● Pre-Application |
|---|--|



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Report:
Morecambe Offshore Windfarm: Generation Assets Environmental Statement

Title:
Viewpoint 15:
Fort Perch Rock, New Brighton

| | | | | | |
|----------------|--------------------|-----------|-------------|----------|-----------------|
| Figure: 18.38a | Drawing No: 211609 | | | | |
| Revision: P02 | Date: 25/09/2023 | Drawn: RA | Checked: SM | Size: A3 | Scale: 1:50,000 |

Co-ordinate system: WGS 1984 UTM Zone 30N

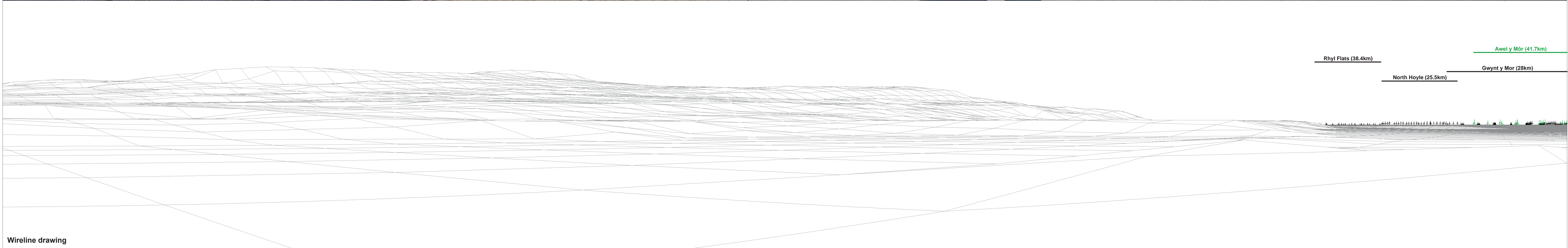



Viewpoint Location Plan (53.5 Degree View)
Scale: 1:50,000



Baseline photograph

This image provides landscape and visual context only



Wireline drawing

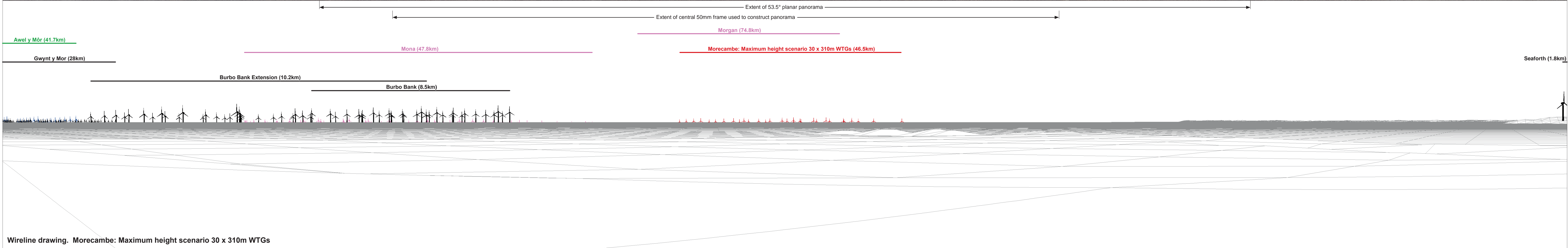
Rhyl Flats (38.4km)
 North Hoyle (25.5km)
 Gwynt y Mor (28km)
 Awei y Môr (41.7km)

OS reference: 330929 E 394418 N
 Eye level: 7.45 m AOD
 Direction of view: 229°
 Nearest turbine: 46.539 km

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

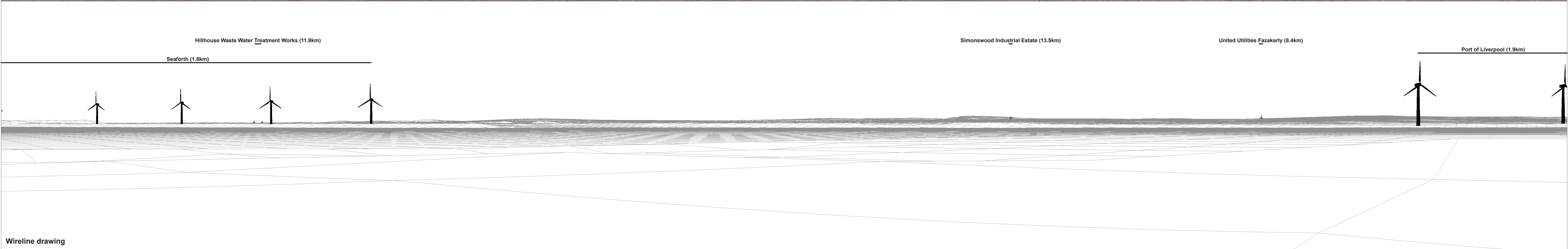
Camera: Canon EOS 5D Mark II
 Lens: EF50mm f/1.4 USM
 Camera height: 1.5 m AGL
 Date and time: 08/08/2022, 15:37

Figure: 18:38b
 Viewpoint 15: Fort Perch Rock, New Brighton



| | | | | | |
|--------------------|-------------------|---------------------------|------------------------------|----------------|----------------------|
| OS reference: | 330929 E 394418 N | Horizontal field of view: | 90° (cylindrical projection) | Camera: | Canon EOS 5D Mark II |
| Eye level: | 7.45 m AOD | Principal distance: | 522 mm | Lens: | EF50mm f/1.4 USM |
| Direction of view: | 319° | | | Camera height: | 1.5 m AGL |
| Nearest turbine: | 46.539 km | | | Date and time: | 08/08/2022, 15:37 |

Figure: 18:38c
Viewpoint 15: Fort Perch Rock, New Brighton



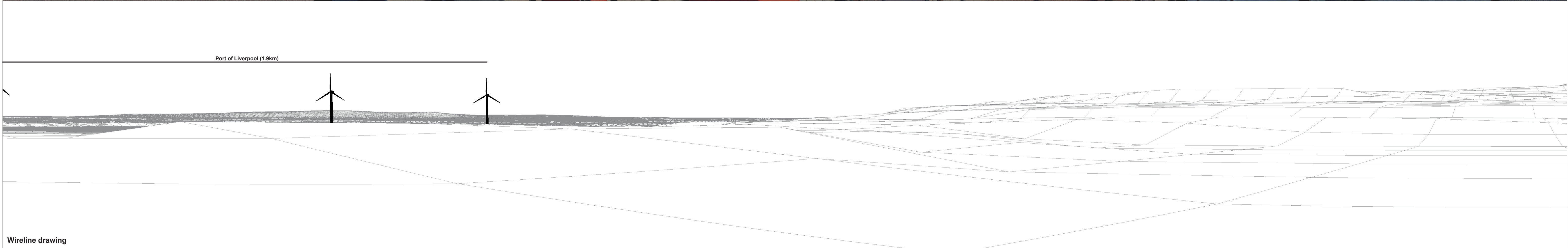
| | | | | | |
|--------------------|-------------------|---------------------------|------------------------------|----------------|----------------------|
| OS reference: | 330929 E 394418 N | Horizontal field of view: | 90° (cylindrical projection) | Camera: | Canon EOS 5D Mark II |
| Eye level: | 7.45 m AOD | Principal distance: | 522 mm | Lens: | EF50mm f/1.4 USM |
| Direction of view: | 49° | | | Camera height: | 1.5 m AGL |
| Nearest turbine: | 46.539 km | | | Date and time: | 08/08/2022, 15:37 |

Figure: 18:38d
Viewpoint 15: Fort Perch Rock, New Brighton



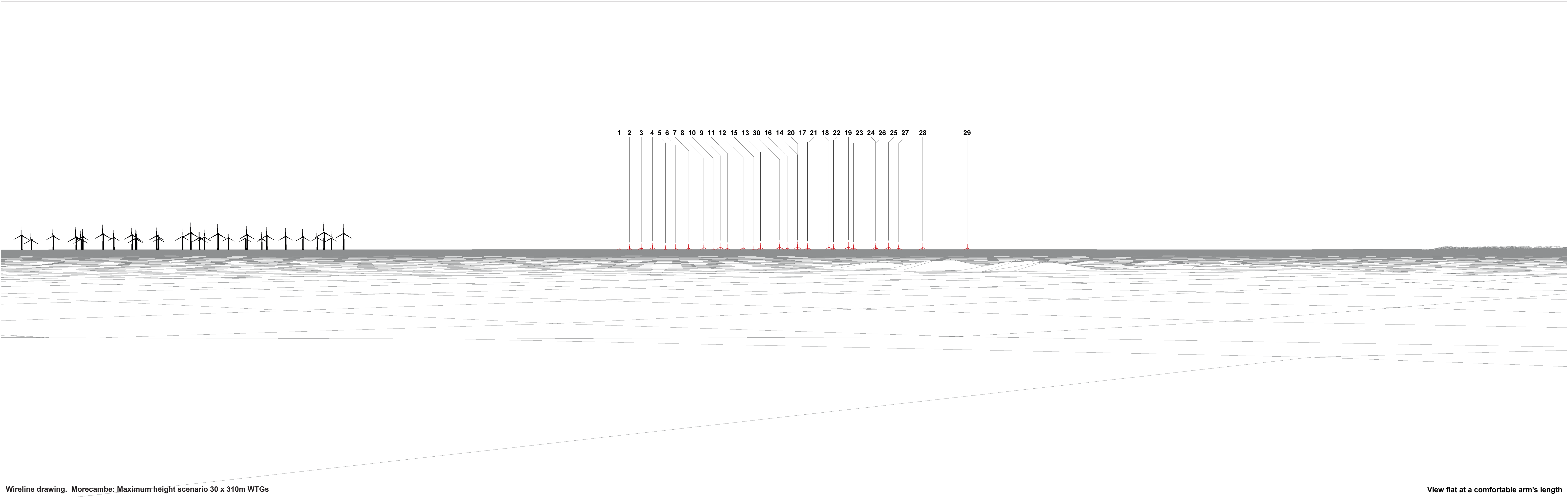
Baseline photograph

This image provides landscape and visual context only



Wireline drawing

| | | | | | | |
|--------------------|-------------------|---------------------------|------------------------------|----------------|----------------------|---|
| OS reference: | 330929 E 394418 N | Horizontal field of view: | 90° (cylindrical projection) | Camera: | Canon EOS 5D Mark II | Figure: 18:38e Viewpoint 15: Fort Perch Rock, New Brighton |
| Eye level: | 7.45 m AOD | Principal distance: | 522 mm | Lens: | EF50mm f/1.4 USM | |
| Direction of view: | 139° | | | Camera height: | 1.5 m AGL | |
| Nearest turbine: | 46.539 km | | | Date and time: | 08/08/2022, 15:37 | |
| | | | | | | |



Wireline drawing. Morecambe: Maximum height scenario 30 x 310m WTGs

View flat at a comfortable arm's length

| | | | | | |
|---------------------------|-------------------|------------------------------------|---------------------------|-----------------------|----------------------|
| OS reference: | 330929 E 394418 N | Horizontal field of view: | 53.5° (planar projection) | Camera: | Canon EOS 5D Mark II |
| Eye level: | 7.45 m AOD | Principal distance | 812.5 mm | Lens: | EF50mm f/1.4 USM |
| Direction of view: | 139° | Paper size: | 841 x 297 mm (half A1) | Camera height: | 1.5 m AGL |
| Nearest turbine: | 46.539 km | Correct printed image size: | 820 x 260 mm | Date and time: | 08/08/2022, 15:37 |

Figure: 18:38f
Viewpoint 15: Fort Perch Rock, New Brighton



Baseline Photograph

View flat at a comfortable arm's length

| | | |
|--|--|---|
| OS reference: 330929 E 394418 N | Horizontal field of view: 53.5° (planar projection) | Camera: Canon EOS 5D Mark II |
| Eye level: 7.45 m AOD | Principal distance: 812.5 mm | Lens: EF50mm f/1.4 USM |
| Direction of view: 139° | Paper size: 841 x 297 mm (half A1) | Camera height: 1.5 m AGL |
| Nearest turbine: 46.539 km | Correct printed image size: 820 x 260 mm | Date and time: 08/08/2022, 15:37 |

Figure: 18:38g
Viewpoint 15: Fort Perch Rock, New Brighton



Photomontage

View flat at a comfortable arm's length

| | | |
|--|--|---|
| OS reference: 330929 E 394418 N | Horizontal field of view: 53.5° (planar projection) | Camera: Canon EOS 5D Mark II |
| Eye level: 7.45 m AOD | Principal distance: 812.5 mm | Lens: EF50mm f/1.4 USM |
| Direction of view: 139° | Paper size: 841 x 297 mm (half A1) | Camera height: 1.5 m AGL |
| Nearest turbine: 46.539 km | Correct printed image size: 820 x 260 mm | Date and time: 08/08/2022, 15:37 |

Figure: 18:38h
Viewpoint 15: Fort Perch Rock, New Brighton