

# Awel y Môr Offshore Wind Farm

## Category 6: Environmental Statement

**Volume 6, Annex 10.5: SLVIA  
Visualisations - Figure 89 (ViewPoint  
66 - Liverpool to Dublin Ferry route  
north of Great Orme)**

**Date: April 2022**

**Revision: A**

Application Reference: 6.6.10.5.62

Pursuant to: APFP Regulation 5(2)(a)



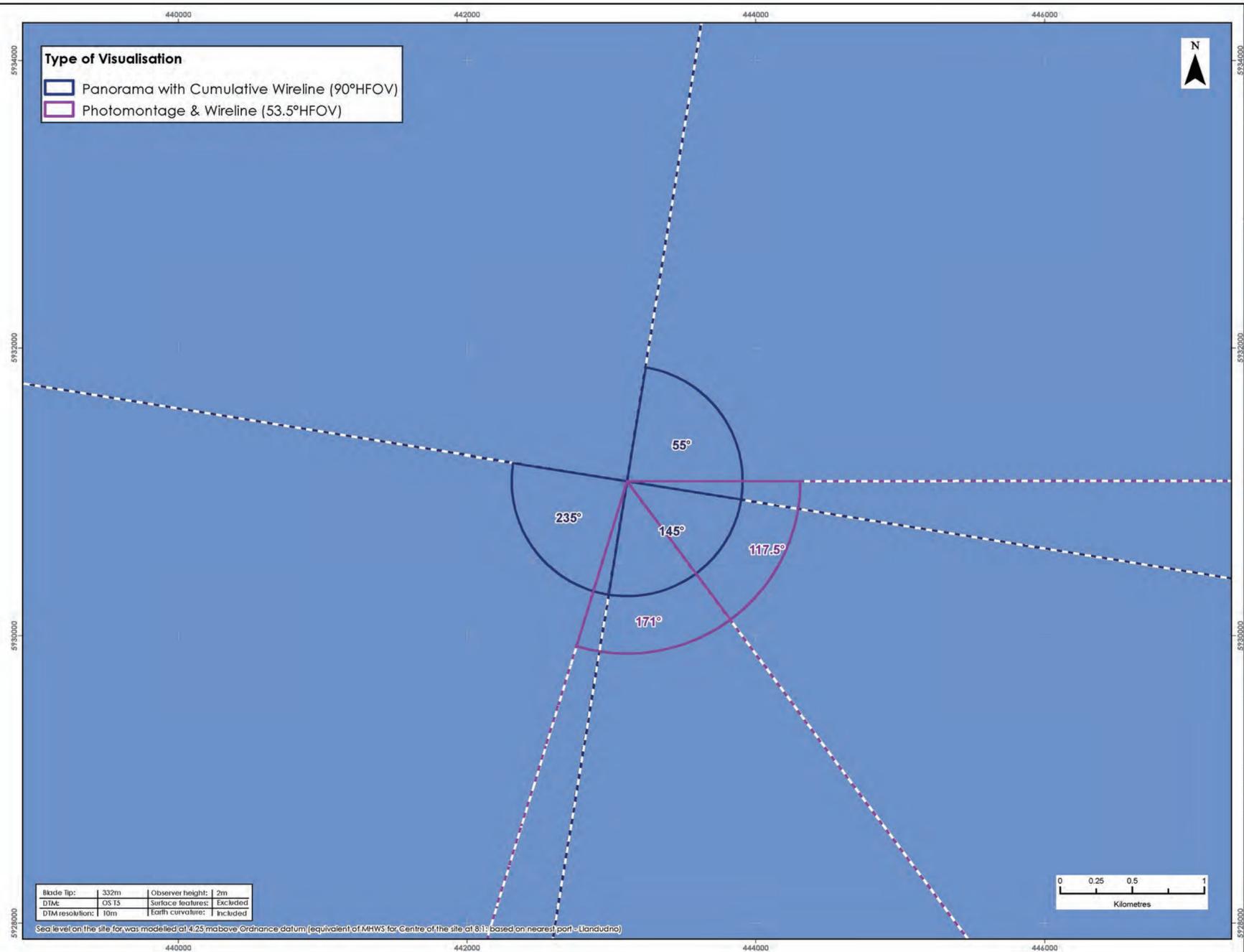
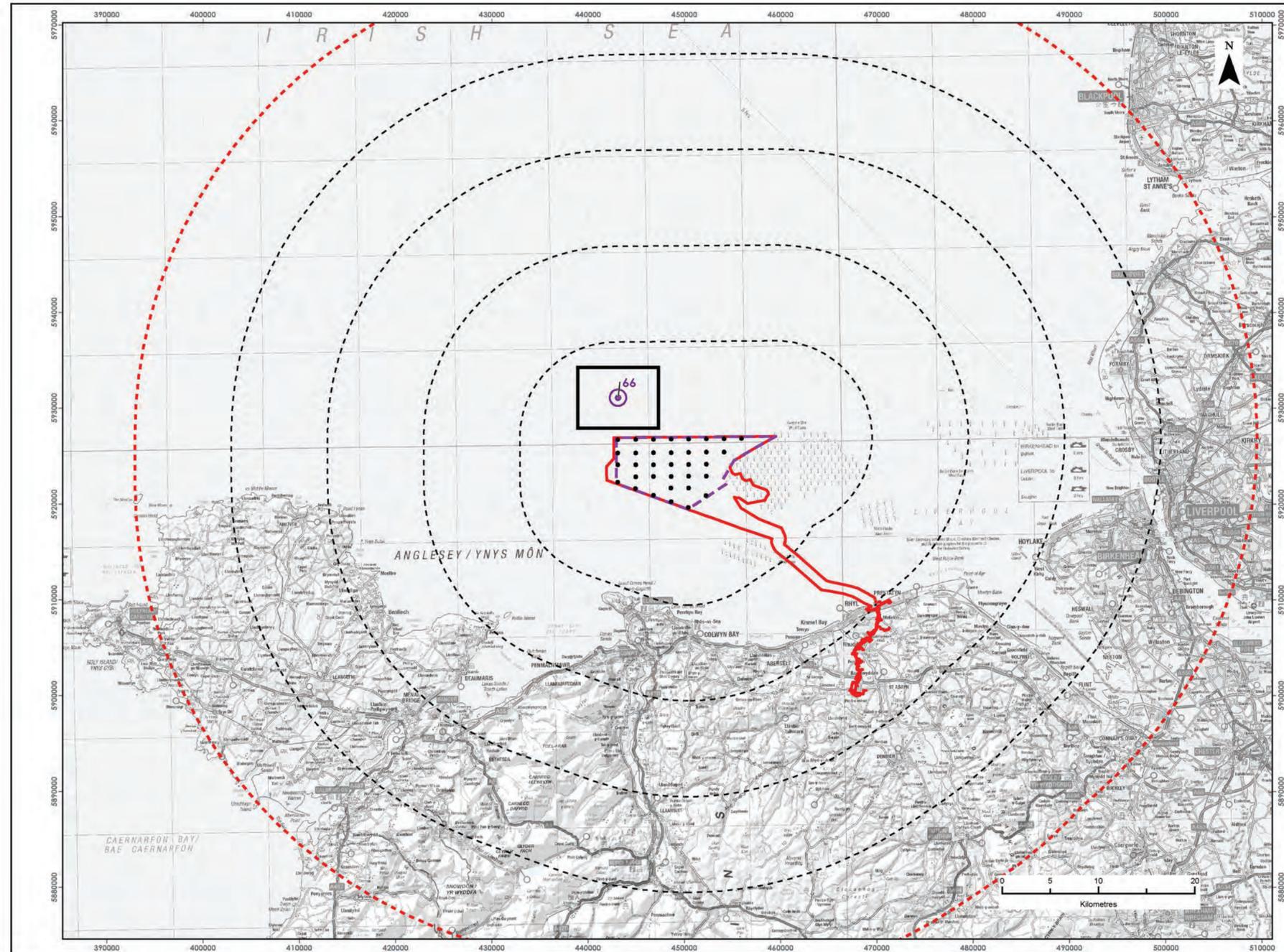
REVISION	DATE	STATUS/ REASON FOR ISSUE	AUTHOR:	CHECKED BY:	APPROVED BY:
A	April 2022	ES	OPEN	SLR/GoBe	RWE

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**LEGEND**

- Order Limits
- Array Area
- 10km Radii
- 50km Study Area
- Wind Turbine Generators (indicative locations)
- Viewpoint Location

Zone of Theoretical Visibility (Blade Tip)

No. of Turbines Theoretically Visible

1 - 7
8 - 14
15 - 21
22 - 28
29 - 34

Data Source:  
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PROJECT TITLE:  
**AWEL Y MÔR OFFSHORE WINDFARM**

FIGURE TITLE:  
**Viewpoint 66 - Offshore - Liverpool to Dublin Ferry route north of Great Orme**

VER	DATE	REMARKS	Drawn	Checked
1	03/03/2022	For Issue	JM	LT

FIGURE NUMBER:  
**Figure 89a**

SCALE: 1:25,000	PLOT SIZE: A3	DATUM: WGS84	PROJECTION: UTM30N
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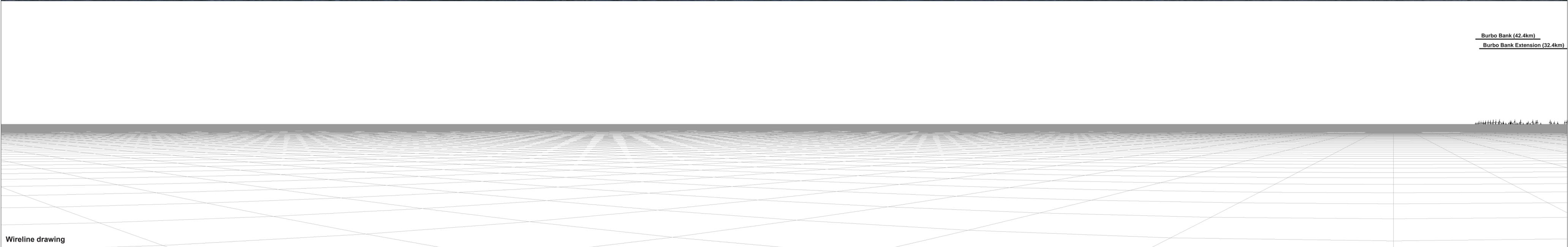


Blade Tip: | 332m | Observer height: | 2m  
 DTM: | OS 15 | Surface features: | Excluded  
 DTM resolution: | 10m | Earth curvature: | Included  
 Sea level on the site for was modelled at 4.25m above Ordnance datum (equivalent of MHWs for Centre of the site at 8:11 based on nearest port - Llandudno)



Baseline photomontage

This image provides landscape and visual context only



Wireline drawing

Burbo Bank (42.4km)  
Burbo Bank Extension (32.4km)

**OS reference:** 276832 E 404840 N  
**Eye level:** 10.5m AOD  
**Direction of view:** 55°  
**Nearest turbine:** 4.407 km

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

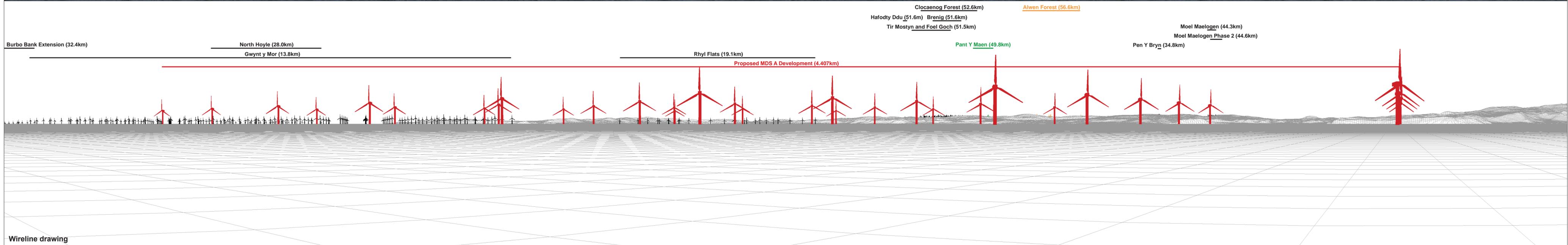
**Camera:** NA  
**Lens:** 50mm  
**Camera height:** 1.5 m  
**Date and time:** 22.12.2021 14:30

**Figure: 89b**  
**Viewpoint 66: Liverpool to Dublin Ferry route north of Great Orme**  
**Awel y Môr Offshore Wind Farm**  
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Baseline photomontage

This image provides landscape and visual context only



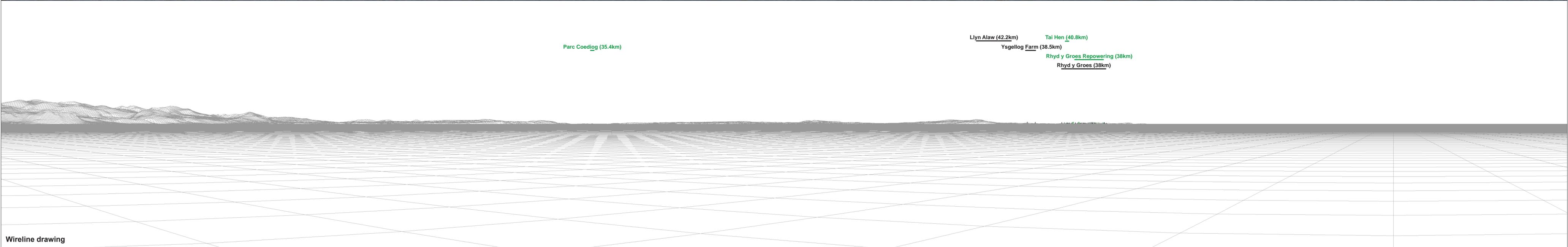
Wireline drawing

<b>OS reference:</b> 276832 E 404840 N	<b>Horizontal field of view:</b> 90° (cylindrical projection)	<b>Camera:</b> NA
<b>Eye level:</b> 10.5mAOD	<b>Principal distance:</b> 522 mm	<b>Lens:</b> 50mm
<b>Direction of view:</b> 145°	<b>Paper size:</b> 841 x 297 mm (half A1)	<b>Camera height:</b> 1.5 m
<b>Nearest turbine:</b> 4.407 km	<b>Correct printed image size:</b> 820 x 130 mm	<b>Date and time:</b> 22.12.2021 14:30



Baseline photomontage

This image provides landscape and visual context only

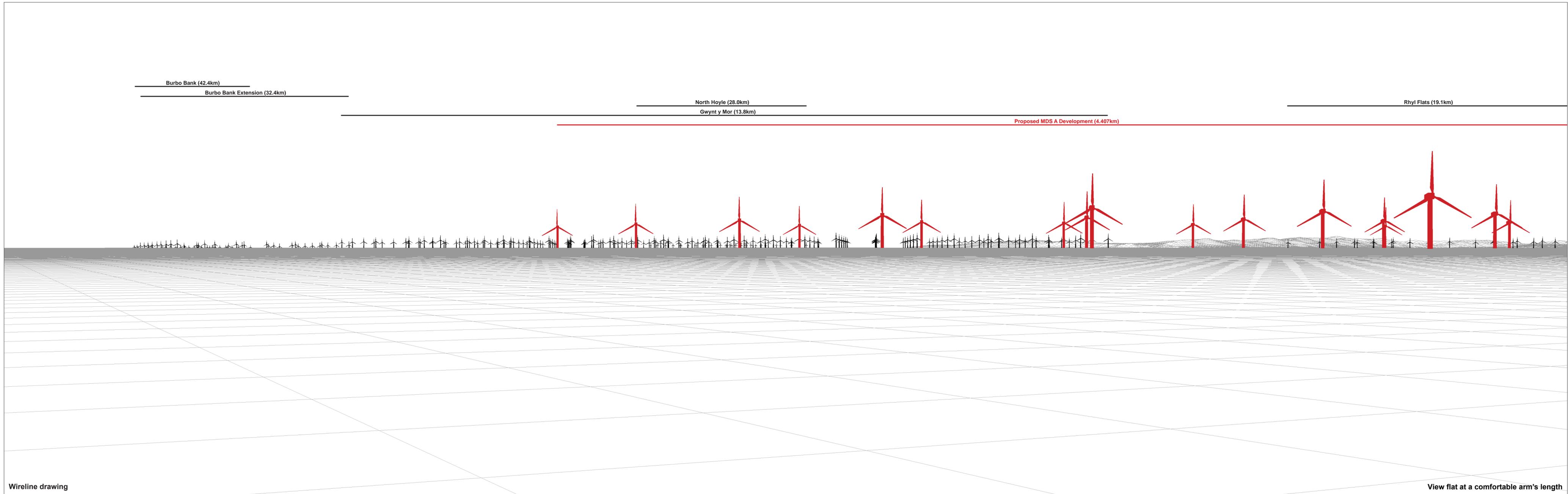


Wireline drawing

<b>OS reference:</b> 276832 E 404840 N	<b>Horizontal field of view:</b> 90° (cylindrical projection)	<b>Camera:</b> NA
<b>Eye level:</b> 10.5mAOD	<b>Principal distance:</b> 522 mm	<b>Lens:</b> 50mm
<b>Direction of view:</b> 235°	<b>Paper size:</b> 841 x 297 mm (half A1)	<b>Camera height:</b> 1.5 m
<b>Nearest turbine:</b> 4.407 km	<b>Correct printed image size:</b> 820 x 130 mm	<b>Date and time:</b> 22.12.2021 14:30

Viewpoint 66: Liverpool to Dublin Ferry route north of Great Orme

Figure: 89d



Wireline drawing

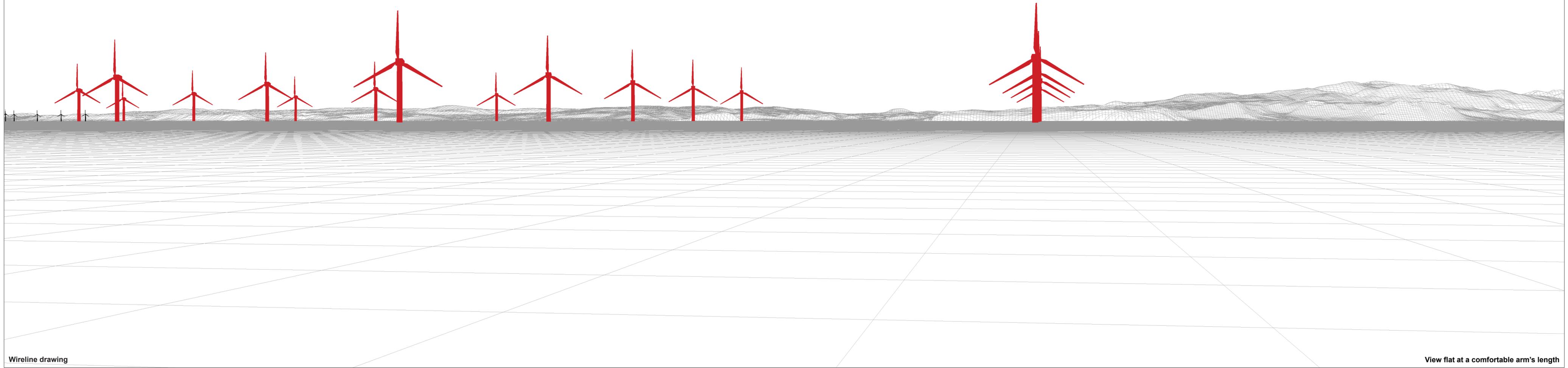
View flat at a comfortable arm's length

<b>OS reference:</b> 276832 E 404840 N	<b>Horizontal field of view:</b> 53.5° (planar projection)	<b>Camera:</b> NA
<b>Eye level:</b> 10.5mAOD	<b>Principal distance:</b> 812.5 mm	<b>Lens:</b> 50mm
<b>Direction of view:</b> 117.5°	<b>Paper size:</b> 841 x 297 mm (half A1)	<b>Camera height:</b> 1.5 m
<b>Nearest turbine:</b> 4.407 km	<b>Correct printed image size:</b> 820 x 260 mm	<b>Date and time:</b> 22.12.2021 14:30

**Figure: 89e**  
 Viewpoint 66: Liverpool to Dublin Ferry route north of Great Orme  
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Rhyl Flats (19.1km)

Proposed MDS A Development (4.407km)



Wireline drawing

View flat at a comfortable arm's length

OS reference: 276832 E 404840 N  
 Eye level: 10.5mAOD  
 Direction of view: 171°  
 Nearest turbine: 4.407 km

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

Camera: NA  
 Lens: 50mm  
 Camera height: 1.5 m  
 Date and time: 22.12.2021 14:30



Photomontage: Proposed MDS A Development (operational turbines have been montaged in this view)

View flat at a comfortable arm's length

<b>OS reference:</b> 276832 E 404840 N	<b>Horizontal field of view:</b> 53.5° (planar projection)	<b>Camera:</b> NA
<b>Eye level:</b> 10.5m AOD	<b>Principal distance:</b> 812.5 mm	<b>Lens:</b> 50mm
<b>Direction of view:</b> 117.5°	<b>Paper size:</b> 841 x 297 mm (half A1)	<b>Camera height:</b> 1.5 m
<b>Nearest turbine:</b> 4.407 km	<b>Correct printed image size:</b> 820 x 260 mm	<b>Date and time:</b> 22.12.2021 14:30

**Figure: 89g**  
Viewpoint 66: Liverpool to Dublin Ferry route north of Great Orme  
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Photomontage: Proposed MDS A Development (operational turbines have been montaged in this view)

View flat at a comfortable arm's length

<b>OS reference:</b> 276832 E 404840 N	<b>Horizontal field of view:</b> 53.5° (planar projection)	<b>Camera:</b> NA
<b>Eye level:</b> 10.5mAOD	<b>Principal distance:</b> 812.5 mm	<b>Lens:</b> 50mm
<b>Direction of view:</b> 171°	<b>Paper size:</b> 841 x 297 mm (half A1)	<b>Camera height:</b> 1.5 m
<b>Nearest turbine:</b> 4.407 km	<b>Correct printed image size:</b> 820 x 260 mm	<b>Date and time:</b> 22.12.2021 14:30

**Figure: 89h**  
Viewpoint 66: Liverpool to Dublin Ferry route north of Great Orme  
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