



macroworks

VOLUME 7B1 SLVIA PHOTOMONTAGES

NISA

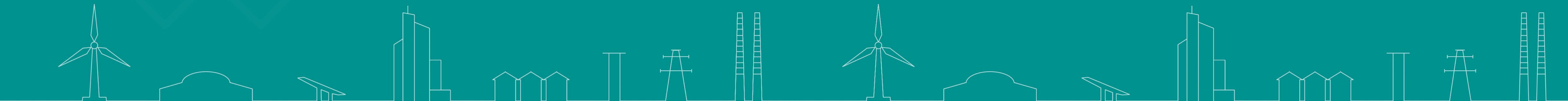
North Irish Sea Array

North Irish Sea Array Offshore Wind Farm

Book 3 of 4 (Project Option 2: 35 Turbine Layout) - VPs 1-23

This book contains imagery for the viewpoints chosen for the SLVIA study

May 2024



LVIA | TVIA | Landscape Design | Visibility Analysis | Glint and Glare | Verified Photomontages | CGI | Shadow Flicker Analysis

EIAR Volume	Description
Volume 1: Non-Technical Summary	
Volume 2: Introductory Chapters	
Volume 3: Offshore Chapters	
Volume 4: Onshore Chapters	
Volume 5: Wider Scheme Aspect	
Volume 6: Summary Chapters	
Volume 7A: Figures	
Volume 7B: Photomontages	
Volume 7B1	SLVIA Photomontages (NISA Offshore Wind Farm)
Volume 7B2	LVIA Photomontages (NISA Grid Facility)
Volume 8: Appendices (Introductory)	
Volume 9: Appendices (Offshore)	
Volume 10: Appendices (Onshore)	
Volume 11: Appendices (Wider Scheme)	
Volume 12: Appendices (Summary)	

Volume 7B1: SLVIA Photomontages (NISA Offshore Wind Farm)	
Book 1 of 4	Project Option 1: 49 Turbine Layout. VP1 - VP23
Book 2 of 4	Project Option 1: 49 Turbine Layout. VP24 - VP47
Book 3 of 4	Project Option 2: 35 Turbine Layout. VP1 - VP23
Book 4 of 4	Project Option 2: 35 Turbine Layout. VP24 - VP47

Volume 7B1: SLVIA Photomontages: North Irish Sea Array Offshore Wind Farm - Full Index of Imagery

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VP24: Amenity Area, Skerries, Co. Fingal
Page 1: Baseline (Contextual Wireline and Photo)
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VP25: Loughshinny, Co. Fingal
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Page 4: Photomontage
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VP26: Coast Road, Rush, Co. Fingal
Page 1: Baseline (Contextual Wireline and Photo)
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VP27: Portrane, Co. Fingal
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VP28: Donabate Beach, Co. Fingal
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VP29: Malahide, Co. Fingal
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VP30: Portmarnock Beach, Co. Fingal
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VP31: Sutton Promenade, Co. Fingal
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VP32: Howth Harbour, Co. Fingal
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VP33: Howth Head, Co. Fingal
Page 1: Baseline (Contextual Wireline and Photo)
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VP34: Great South Wall at Poolbeg Lighthouse (Dublin City County)
Page 1: Baseline (Contextual Wireline and Photo)
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VP35: Promenade, Sandymount (Dublin City County)
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VP36: Lambay Island - Summit, Co. Dublin (Fingal)
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VP37: Lambay Island - Pier, Co. Dublin (Fingal)
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VP38: Annalong, Co. Down (NI)
Page 1: Baseline (Contextual Wireline and Photo)

VP39: Deer Park, Dublin (Dun Laoghaire-Rathdown)
Page 1: Baseline (Contextual Wireline and Photo)

VP40: Blackrock Park, Dublin (Dun Laoghaire-Rathdown)
Page 1: Baseline (Contextual Wireline and Photo)

VP41: Coast Road, Monkstown (Dun Laoghaire-Rathdown)
Page 1: Baseline (Contextual Wireline and Photo)

VP42: East Pier, Dun Laoghaire (Dun Laoghaire-Rathdown)
Page 1: Baseline (Contextual Wireline and Photo)
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VP43: Forty Foot, Sandycove, (Dun Laoghaire-Rathdown),
Page 1: Baseline (Contextual Wireline and Photo)

VP44: Dalkey Hill, (Dun Laoghaire-Rathdown) Dublin
Page 1: Baseline (Contextual Wireline and Photo)

VP45: Three Rock Mountain, (Dun Laoghaire-Rathdown County), Dublin
Page 1: Baseline (Contextual Wireline and Photo)
Page 2: Baseline (Contextual Wireline and Photo)

VP46: Bray Head, (Co. Wicklow)
Page 1: Baseline (Contextual Wireline and Photo)

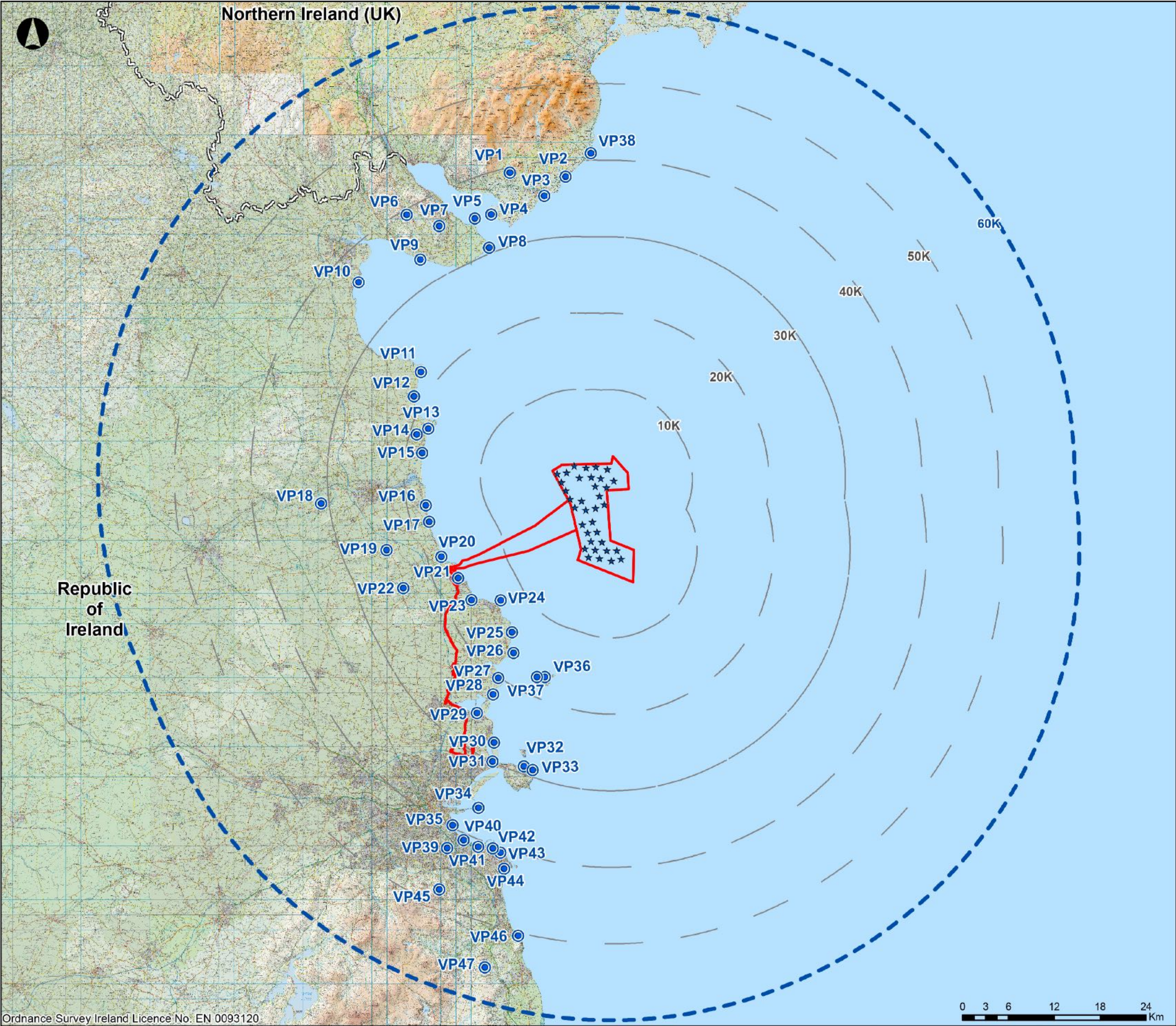
VP47: Sugar Loaf Summit, (Co. Wicklow)
Page 1: Baseline (Contextual Wireline and Photo)

Marine and Aviation Transport Corridor Wireframes Index of Imagery

Ferry - Dublin to Douglas
Page 1: Pt 1 & Pt 2 Wireline

Ferry - Dublin to Hollyhead
Page 1: Pt 1 & Pt 2 Wireline

Aircraft - London GTW to Dublin
Page 1: Pt 1 & Pt 2 Wireline



Ordnance Survey Ireland Licence No: EN 0093120

Legend

- Proposed Development Boundary
- Viewpoint Locations (Offshore assessment)
- 60 Km Extent
- ROI - NI (UK) Border
- Project Option 2 Turbines

NISA
North Irish Sea Array

ARUP GObE

Project

North Irish Sea Array
Offshore Wind Farm

Figure Title

Viewpoint Location Map

Job No: 0000

Date: 2024/05/01

Scale: 1:470,000

Status: Final

Figure No:

29.7b

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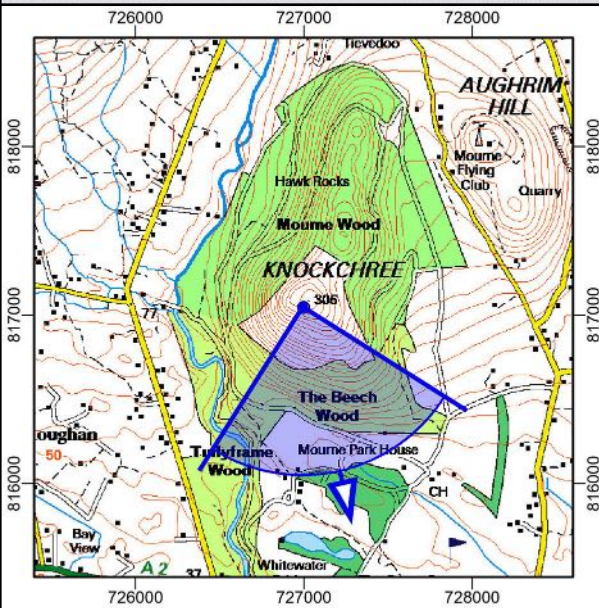
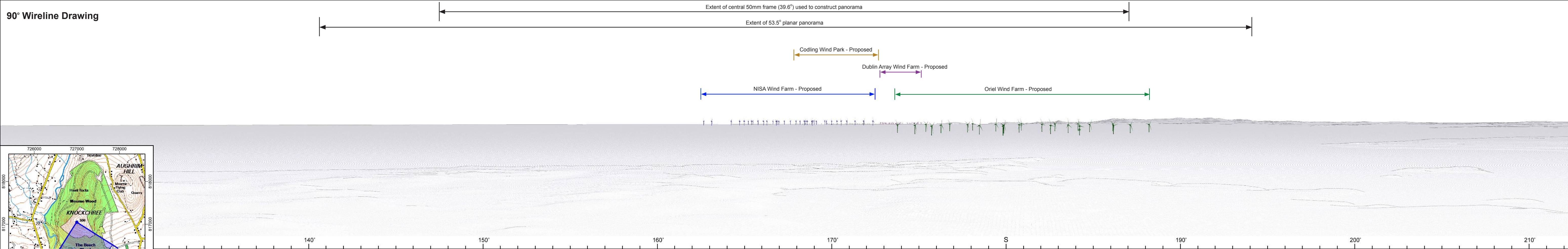
VP23: Ardgillan Castle grounds, Co. Fingal


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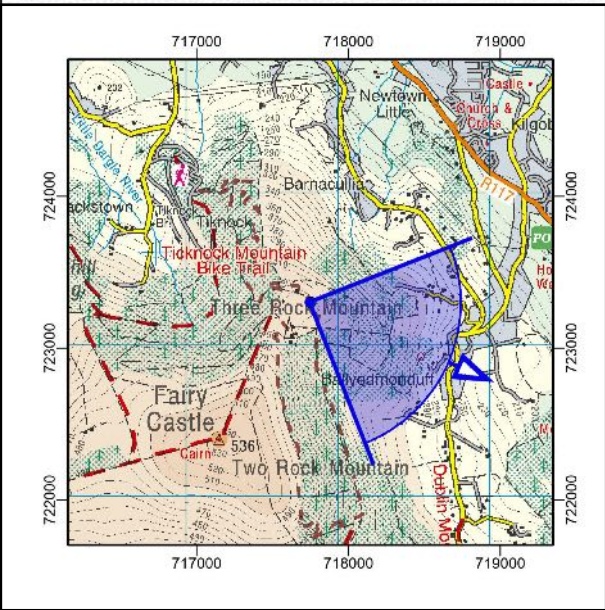
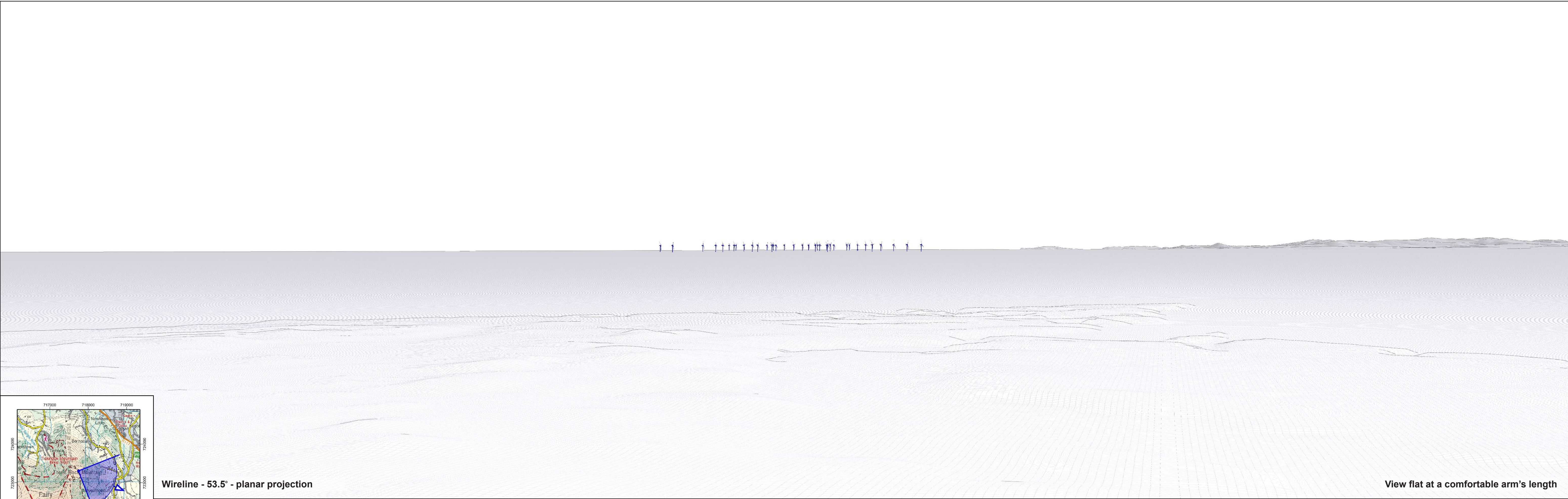


90° Baseline Photograph

90° Wireline Drawing



VP01 Baseline Photo and Wireline Knockree Summit, Co. Down (NI)		Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	726998	Prepared by	NH	Project: North Irish Sea Array Offshore Wind Farm	Client: NISA <i>North Irish Sea Array</i>	LVIA Consultant: 
		Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	817045	Checked by	RB			
		Rotor Diameter	276.0 m	Field of View (H° x V°)	90.0 x 14.2	Elevation / Cam Ht	294.3 m	Status	Final			
		Blade Tip Height	316.0 m	Date / Time of Capture	25-May-23 - 09:38	Distance to Nearest	39.3 km	Date	May 2024			



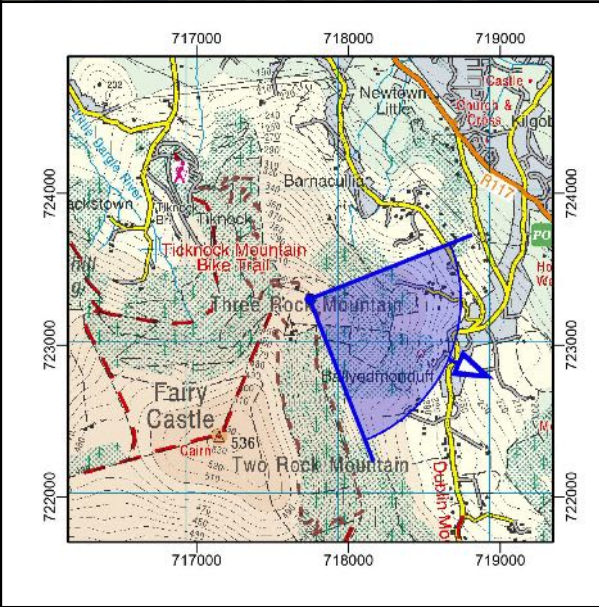
Wireline - 53.5° - planar projection

View flat at a comfortable arm's length

VP01	Wireline
Knockree Summit, Co. Down (NI)	

Turbine no. (Option 2)	35	Camera / Sensor	N/A	Easting (ITM)	726998	Created by	NH
Hub Height	178.0 m	Lens	N/A	Northing (ITM)	817045	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	294.3 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	N/A	Distance to Nearest	39.3 km	Date	May 2024

Project:	Client:	LVIA Consultant:
North Irish Sea Array Offshore Wind Farm		



Photomontage - 53.5° - planar projection

View flat at a comfortable arm's length

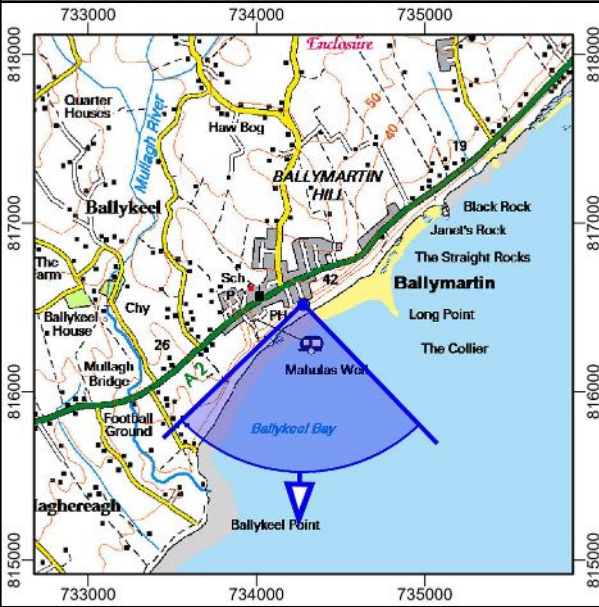
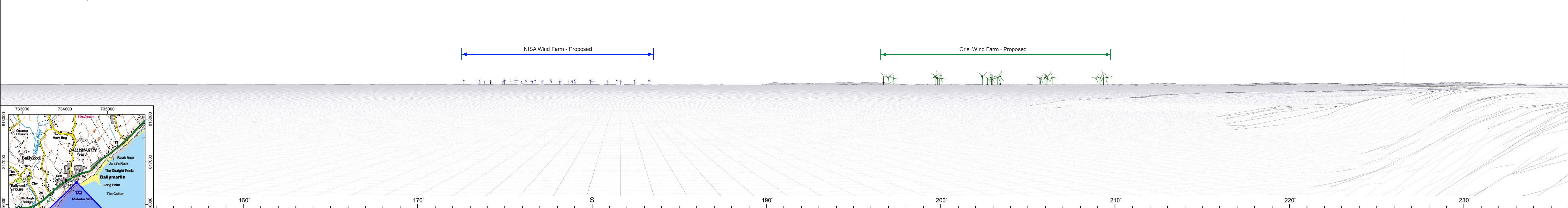
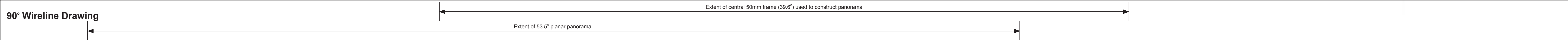
VP01 Photomontage
Knockree Summit, Co. Down (NI)

Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	726998	Created by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	817045	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	294.3 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	25-May-23 - 09:38	Distance to Nearest	39.3 km	Date	May 2024

Project: North Irish Sea Array Offshore Wind Farm	Client: NISA <i>North Irish Sea Array</i>	LVIA Consultant: 
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90° Baseline Photograph



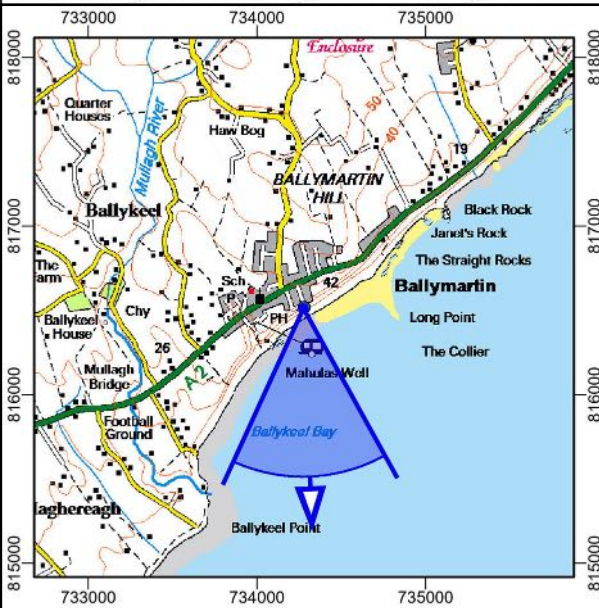
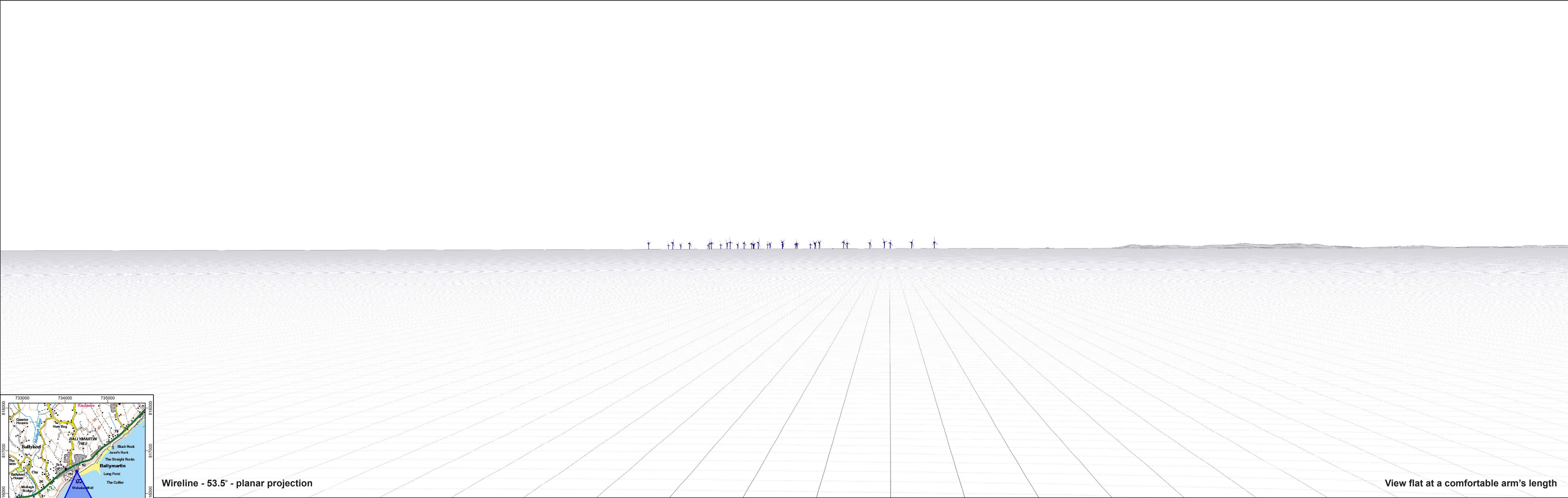
VP02 Baseline Photo and Wireline
Ballymartin, Co. Down (NI)

Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	734279	Prepared by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	816517	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	90.0 x 14.2	Elevation / Cam Ht	32.9 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	25-May-23 - 08:55	Distance to Nearest	37.9 km	Date	May 2024

Project:
**North Irish Sea Array
Offshore Wind Farm**

Client:
NISA
North Irish Sea Array

LVIA Consultant:



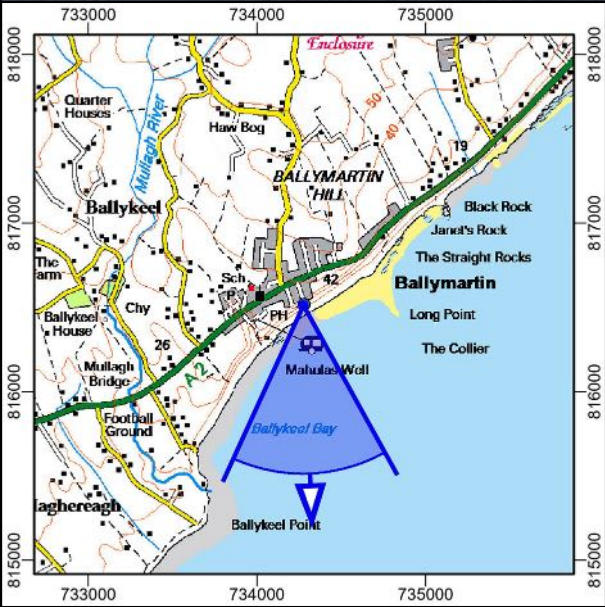
Wireline - 53.5° - planar projection

View flat at a comfortable arm's length

VP02	Wireline
Ballymartin, Co. Down (NI)	

Turbine no. (Option 2)	35	Camera / Sensor	N/A	Easting (ITM)	734279	Created by	NH
Hub Height	178.0 m	Lens	N/A	Northing (ITM)	816517	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	32.9 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	N/A	Distance to Nearest	37.9 km	Date	May 2024

Project:	Client:	LVIA Consultant:
North Irish Sea Array Offshore Wind Farm		



Photomontage - 53.5° - planar projection

View flat at a comfortable arm's length

VP02 Photomontage
Ballymartin, Co. Down (NI)

Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	734279	Created by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	816517	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	32.9 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	25-May-23 - 08:55	Distance to Nearest	37.9 km	Date	May 2024

Project:
**North Irish Sea Array
Offshore Wind Farm**

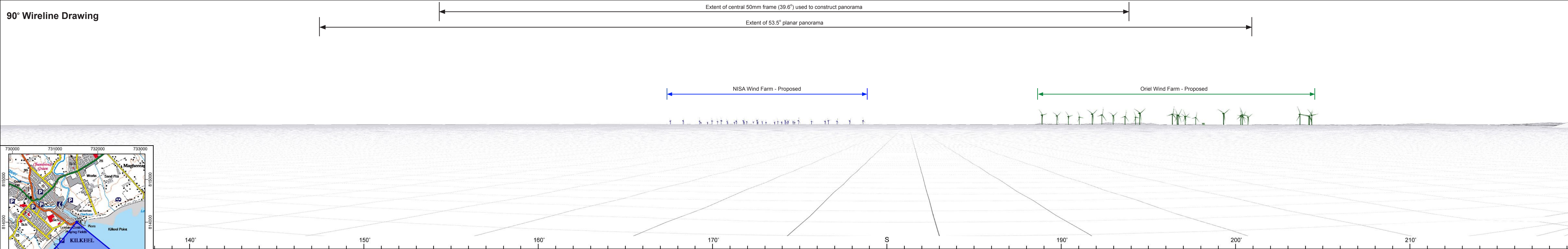
Client:
NISA
North Irish Sea Array


LVIA Consultant:

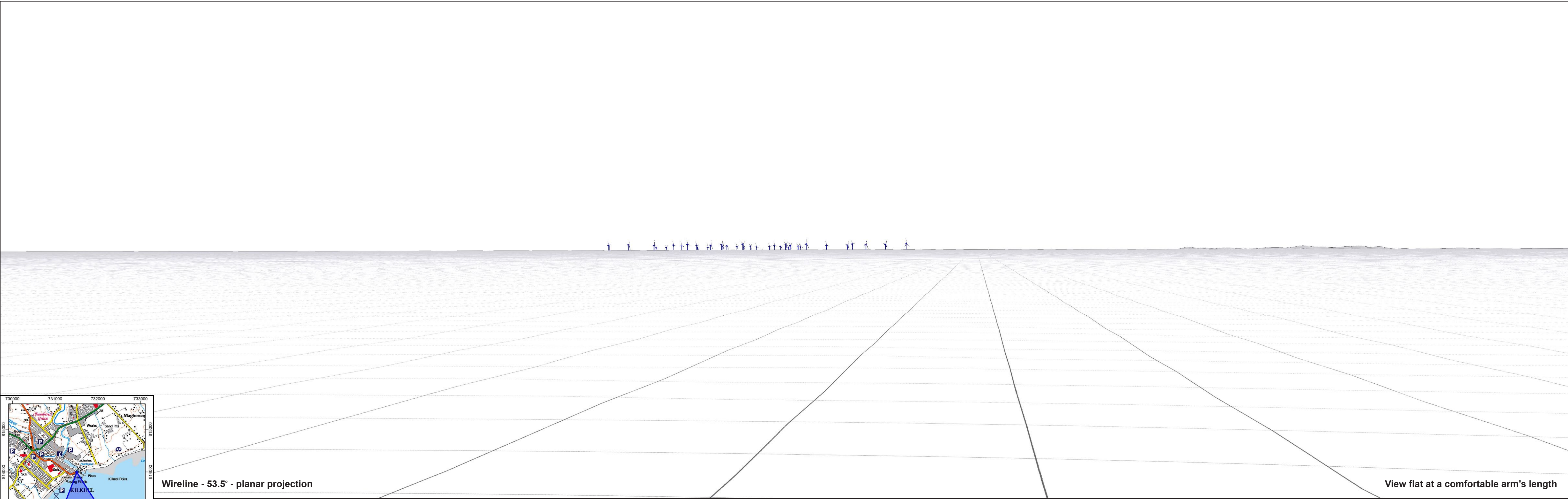



90° Baseline Photograph

90° Wireline Drawing



VP03 Baseline Photo and Wireline Kilkeel, Co. Down (NI)	Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	731511	Prepared by	NH	Project: North Irish Sea Array Offshore Wind Farm	Client: NISA North Irish Sea Array	LVIA Consultant: 
	Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	813998	Checked by	RB			
	Rotor Diameter	276.0 m	Field of View (H° x V°)	90.0 x 14.2	Elevation / Cam Ht	5 m	Status	Final			
	Blade Tip Height	316.0 m	Date / Time of Capture	20-Jul-20 - 18:20	Distance to Nearest	35.6 km	Date	May 2024			



Wireline - 53.5° - planar projection

View flat at a comfortable arm's length

VP03	Wireline
Kilkeel, Co. Down (NI)	

Turbine no. (Option 2)	35	Camera / Sensor	N/A	Easting (ITM)	731511	Created by	NH
Hub Height	178.0 m	Lens	N/A	Northing (ITM)	813998	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	5 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	N/A	Distance to Nearest	35.6 km	Date	May 2024

Project:	North Irish Sea Array Offshore Wind Farm
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Client:	NISA North Irish Sea Array
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LVIA Consultant:	
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Photomontage - 53.5° - planar projection

View flat at a comfortable arm's length

VP03 Photomontage
Kilkeel, Co. Down (NI)

Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	731511	Created by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	813998	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	5 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	20-Jul-20 - 18:20	Distance to Nearest	35.6 km	Date	May 2024

Project:
**North Irish Sea Array
Offshore Wind Farm**

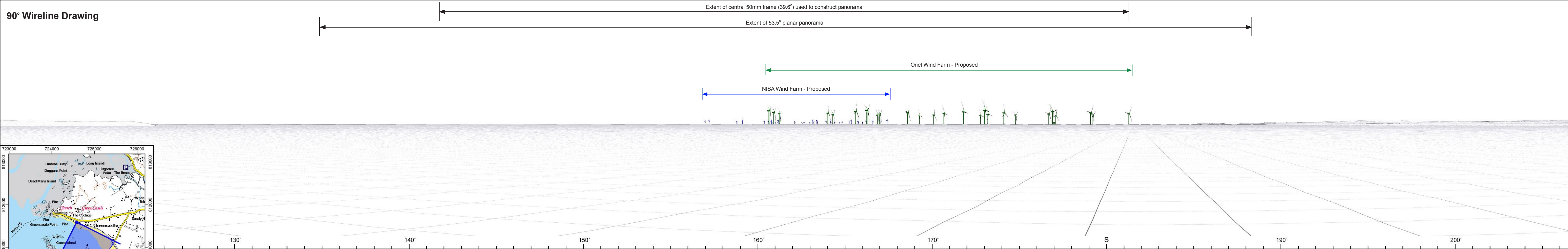
Client:
NISA
North Irish Sea Array

LVIA Consultant:




90° Baseline Photograph

90° Wireline Drawing



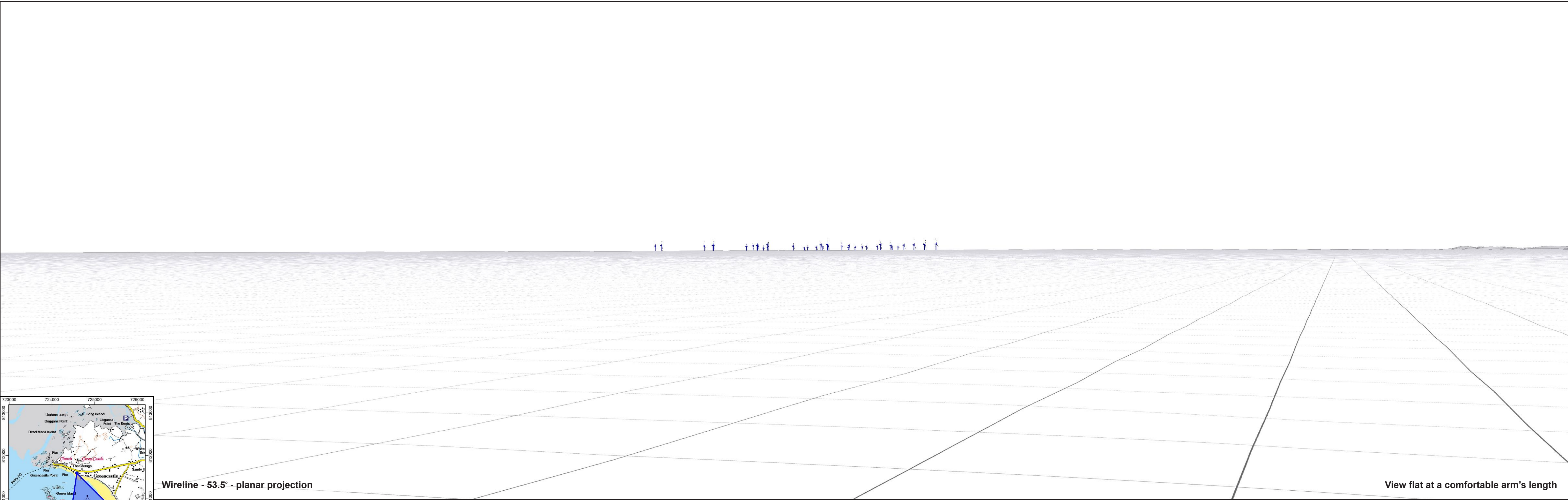
VP04 Baseline Photo and Wireline
**Greencastle Ferry Terminal,
Co. Down (NI)**

Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	724586	Prepared by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	811590	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	90.0 x 14.2	Elevation / Cam Ht	7 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	20-Jul-20 - 18:43	Distance to Nearest	34.7 km	Date	May 2024

Project:
**North Irish Sea Array
Offshore Wind Farm**

Client:
NISA
North Irish Sea Array

LVIA Consultant:

Wireline - 53.5° - planar projection

View flat at a comfortable arm's length

VP04	Wireline
Greencastle Ferry Terminal, Co. Down (NI)	

Turbine no. (Option 2)	35	Camera / Sensor	N/A	Easting (ITM)	724586	Created by	NH
Hub Height	178.0 m	Lens	N/A	Northing (ITM)	811590	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	7 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	N/A	Distance to Nearest	34.7 km	Date	May 2024

Project:	Client:	LVIA Consultant:
North Irish Sea Array Offshore Wind Farm		



Photomontage - 53.5° - planar projection

View flat at a comfortable arm's length

VP04 Photomontage
Greencastle Ferry Terminal,
Co. Down (NI)

Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	724586	Created by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	811590	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	7 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	20-Jul-20 - 18:43	Distance to Nearest	34.7 km	Date	May 2024

Project:
North Irish Sea Array
Offshore Wind Farm

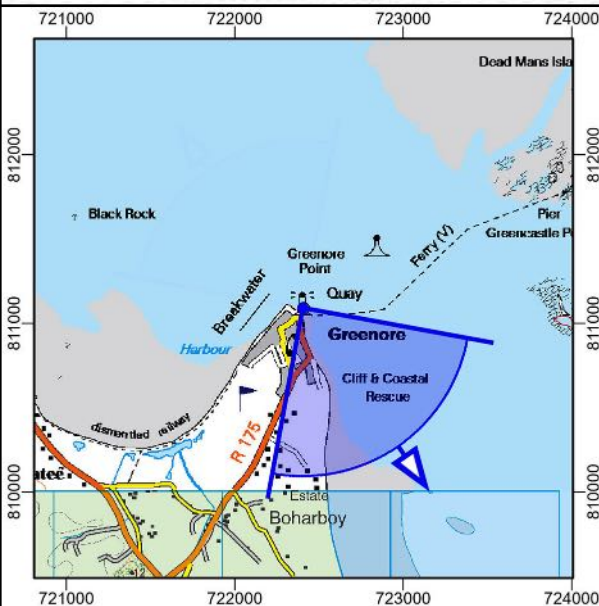
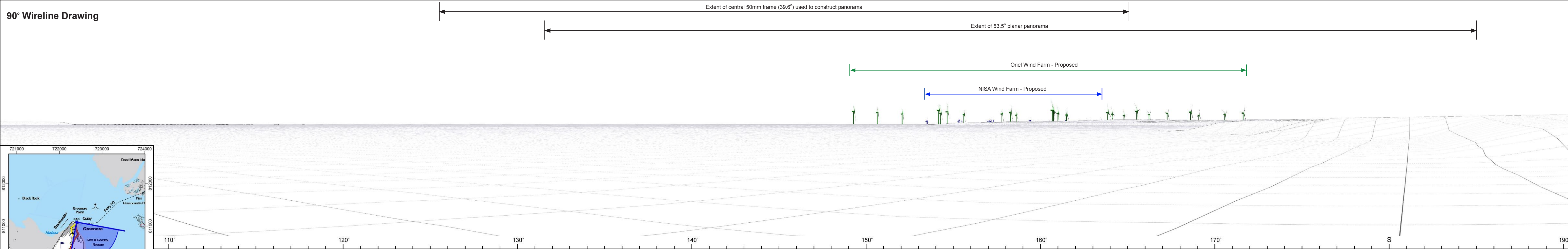
Client:
NISA
North Irish Sea Array


LVIA Consultant:

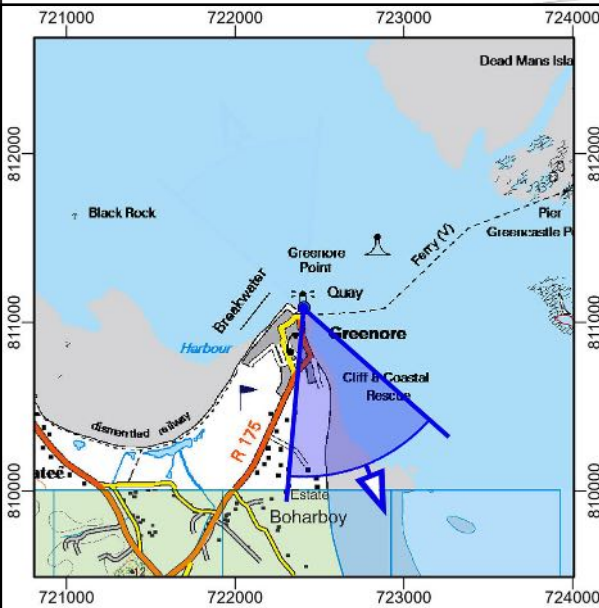
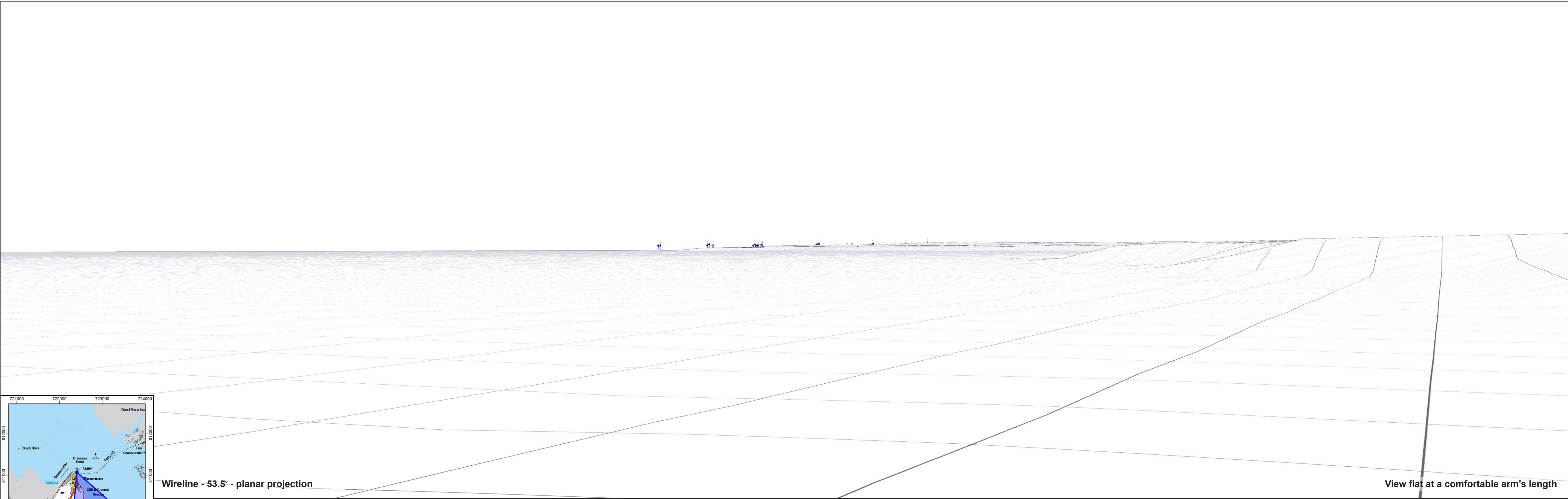



90° Baseline Photograph

90° Wireline Drawing



VP05 Baseline Photo and Wireline Greenore Ferry Terminal, Co. Louth		Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	722408	Prepared by	NH	Project: North Irish Sea Array Offshore Wind Farm	Client: NISA <i>North Irish Sea Array</i>	LVIA Consultant: 
		Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	811088	Checked by	RB			
		Rotor Diameter	276.0 m	Field of View (H° x V°)	90.0 x 14.2	Elevation / Cam Ht	3 m	Status	Final			
		Blade Tip Height	316.0 m	Date / Time of Capture	30-May-23 - 17:20	Distance to Nearest	35.0 km	Date	May 2024			



Wireline - 53.5° - planar projection

View flat at a comfortable arm's length

VP05	Wireline
Greenore Ferry Terminal, Co. Louth	

Turbine no. (Option 2)	35	Camera / Sensor	N/A	Easting (ITM)	722408	Created by	NH
Hub Height	178.0 m	Lens	N/A	Northing (ITM)	811088	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	3 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	N/A	Distance to Nearest	35 km	Date	May 2024

Project:	Client:	LVIA Consultant:
North Irish Sea Array Offshore Wind Farm		



Photomontage - 53.5° - planar projection

View flat at a comfortable arm's length

VP05	Photomontage	
	Greenore Ferry Terminal, Co. Louth	

Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	722408	Created by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	811088	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	3 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	30-May-23 - 17:20	Distance to Nearest	35 km	Date	May 2024

Project:	North Irish Sea Array Offshore Wind Farm

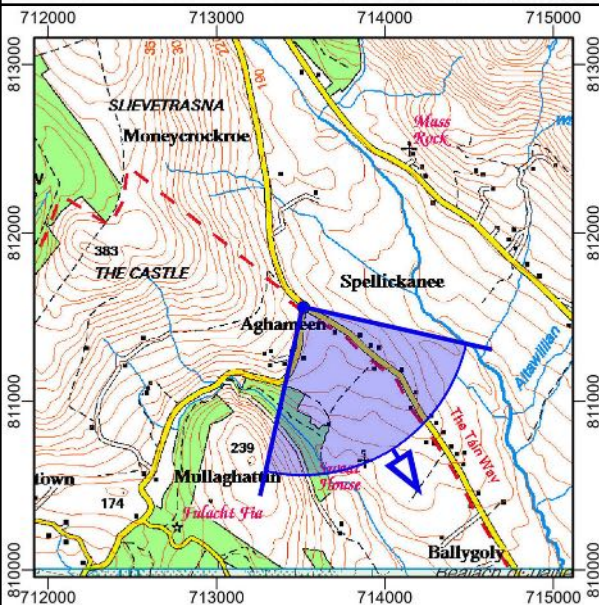
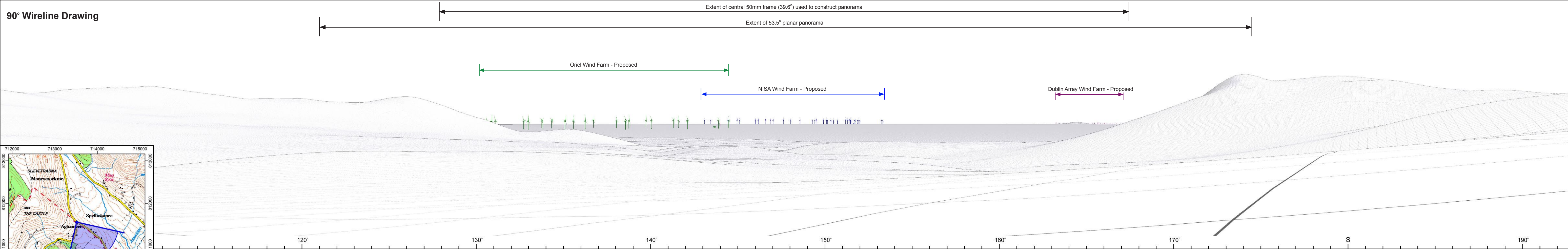
Client:	<div>NISA</div> <div>North Irish Sea Array</div>

LVIA Consultant:	<div>macroworks</div> <div>APRM Group</div>

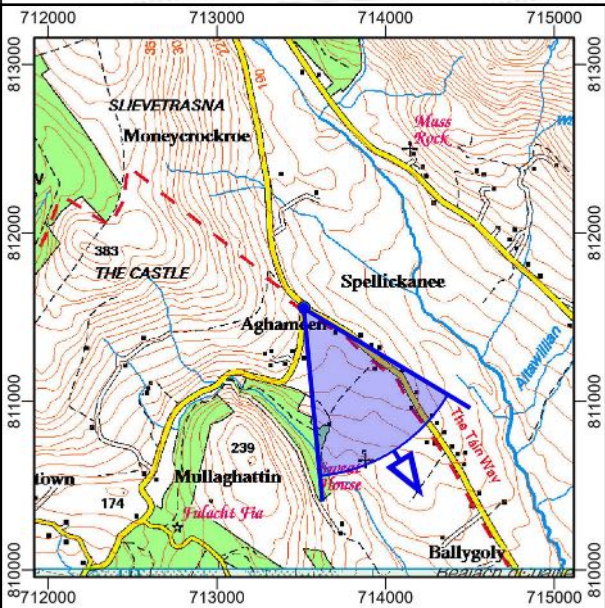
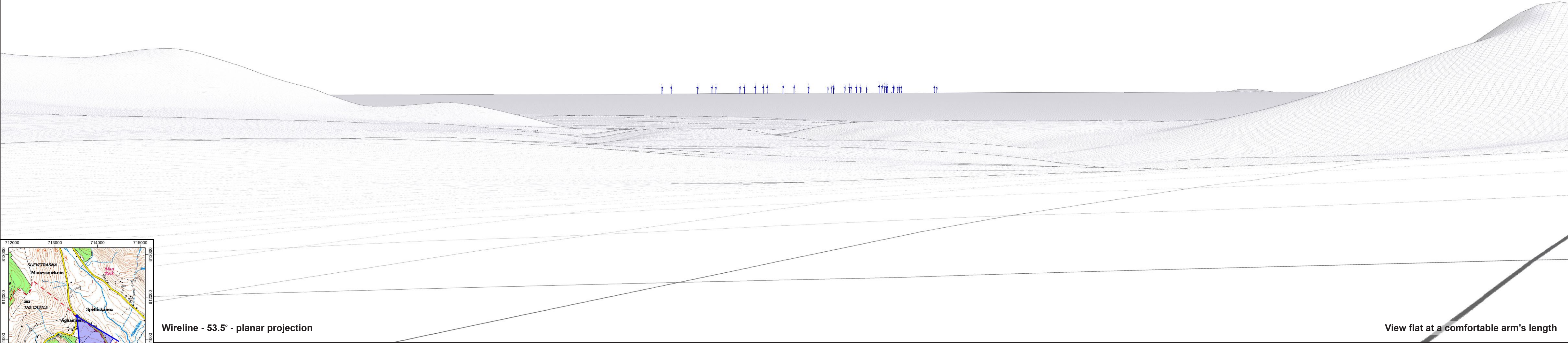


90° Baseline Photograph

90° Wireline Drawing



VP06 Baseline Photo and Wireline Aghameen, Co. Louth		Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	713517	Prepared by	NH	Project: North Irish Sea Array Offshore Wind Farm	Client: NISA North Irish Sea Array	LVIA Consultant:
		Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	811558	Checked by	RB			
		Rotor Diameter	276.0 m	Field of View (H° x V°)	90.0 x 14.2	Elevation / Cam Ht	196.1 m	Status	Final			
		Blade Tip Height	316.0 m	Date / Time of Capture	30-May-23 - 19:17	Distance to Nearest	39.2 km	Date	May 2024			



Wireline - 53.5° - planar projection

View flat at a comfortable arm's length

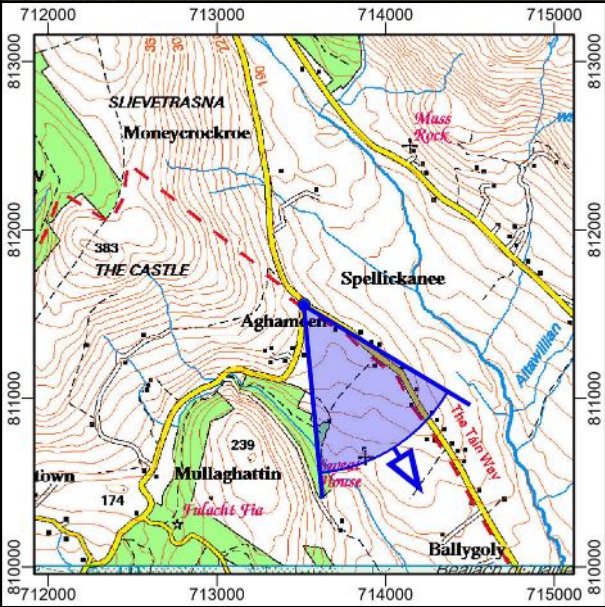
VP06 Wireline
Aghameen, Co. Louth

Turbine no. (Option 2)	35	Camera / Sensor	N/A	Easting (ITM)	713517	Created by	NH
Hub Height	178.0 m	Lens	N/A	Northing (ITM)	811558	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	196.1 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	N/A	Distance to Nearest	39.2 km	Date	May 2024

Project:
North Irish Sea Array
Offshore Wind Farm

Client:
NISA
North Irish Sea Array

LVIA Consultant:

Photomontage - 53.5° - planar projection

View flat at a comfortable arm's length

VP06 Photomontage
Aghameen, Co. Louth

Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	713517	Created by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	811558	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	196.1 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	30-May-23 - 19:17	Distance to Nearest	39.2 km	Date	May 2024

Project:
**North Irish Sea Array
Offshore Wind Farm**

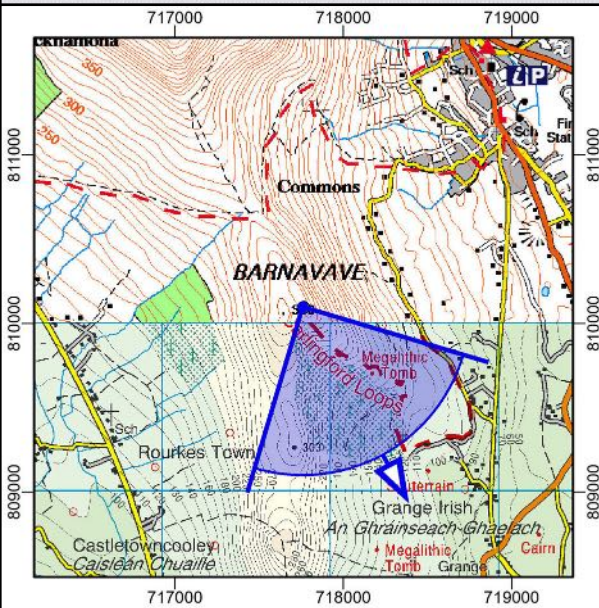
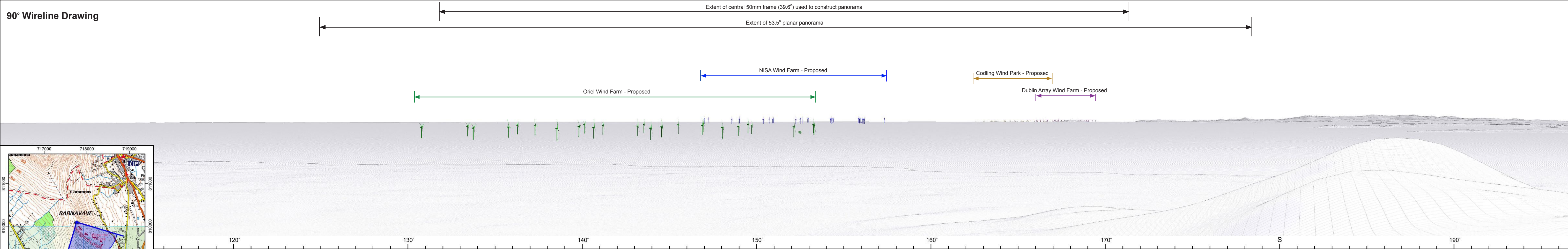
Client:
NISA
North Irish Sea Array

LVIA Consultant:

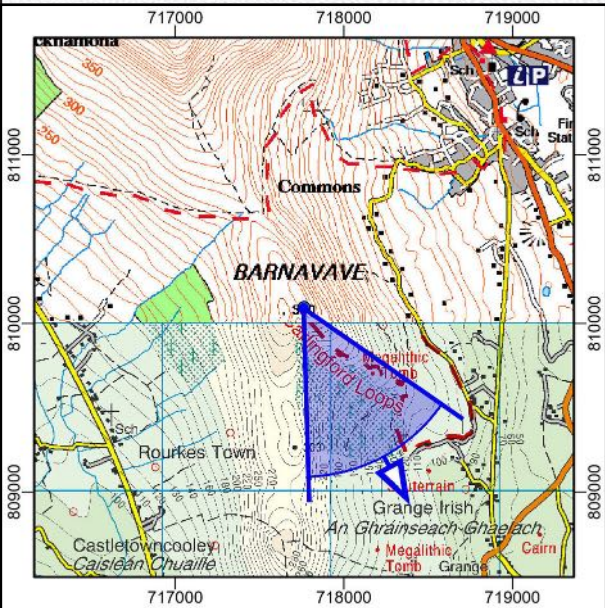
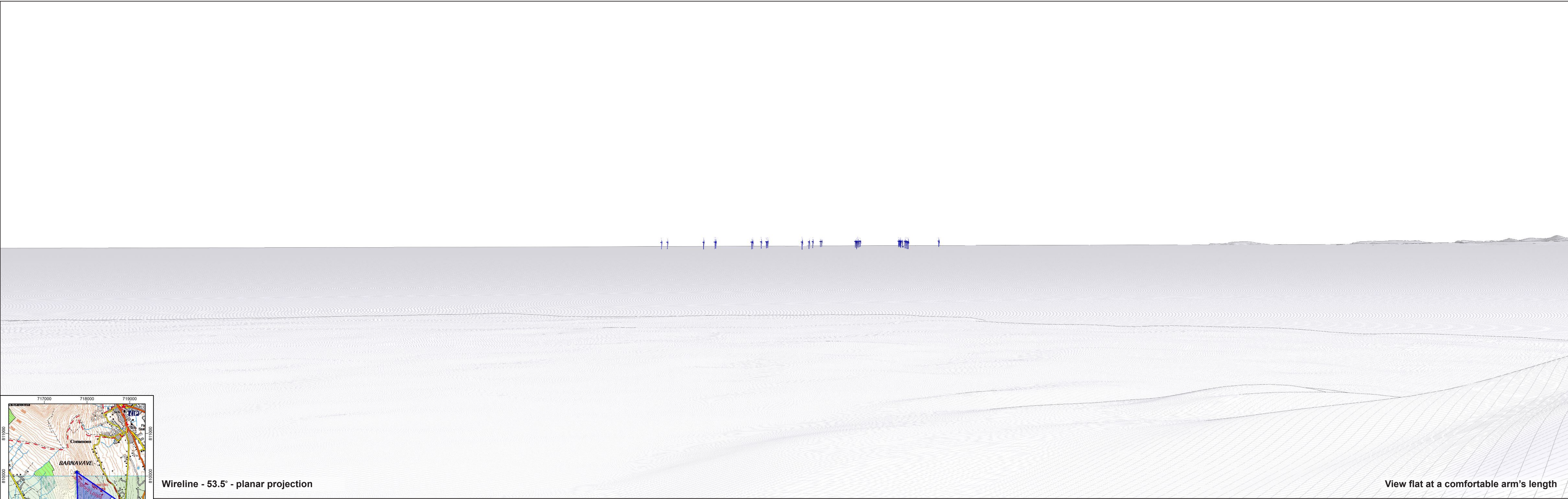



90° Baseline Photograph

90° Wireline Drawing



VP07 Baseline Photo and Wireline Barnevave Summit, Coolea Mountains, Co. Louth	Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	717764	Prepared by	NH	Project: North Irish Sea Array Offshore Wind Farm	Client: <div>NISA North Irish Sea Array</div>	LVIA Consultant: <div>macroworks APEM GROUP</div>
	Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	810095	Checked by	RB			
	Rotor Diameter	276.0 m	Field of View (H° x V°)	90.0 x 14.2	Elevation / Cam Ht	343 m	Status	Final			
	Blade Tip Height	316.0 m	Date / Time of Capture	30-May-23 - 18:19	Distance to Nearest	35.9 km	Date	May 2024			



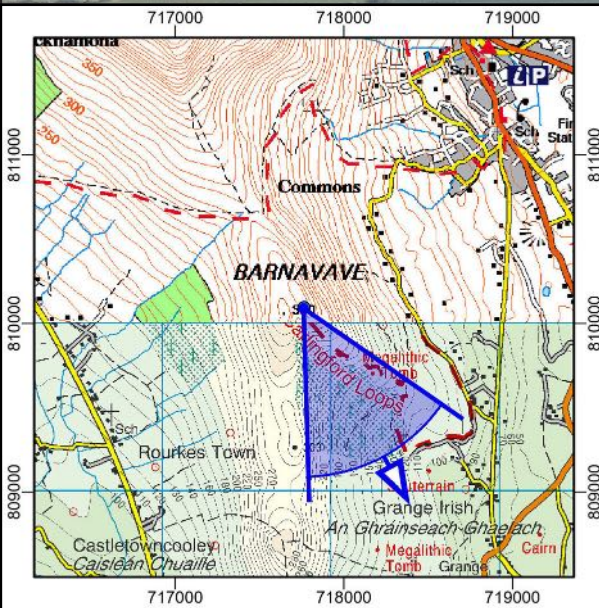
Wireline - 53.5° - planar projection

View flat at a comfortable arm's length

VP07 Wireline
Barnevave Summit,
Coolea Mountains, Co. Louth

Turbine no. (Option 2)	35	Camera / Sensor	N/A	Easting (ITM)	717764	Created by	NH
Hub Height	178.0 m	Lens	N/A	Northing (ITM)	810095	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	343 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	N/A	Distance to Nearest	35.9 km	Date	May 2024

Project: North Irish Sea Array Offshore Wind Farm	Client: 	LVIA Consultant: 
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Photomontage - 53.5° - planar projection

View flat at a comfortable arm's length

VP07 Photomontage
Barnevave Summit,
Coolea Mountains, Co. Louth

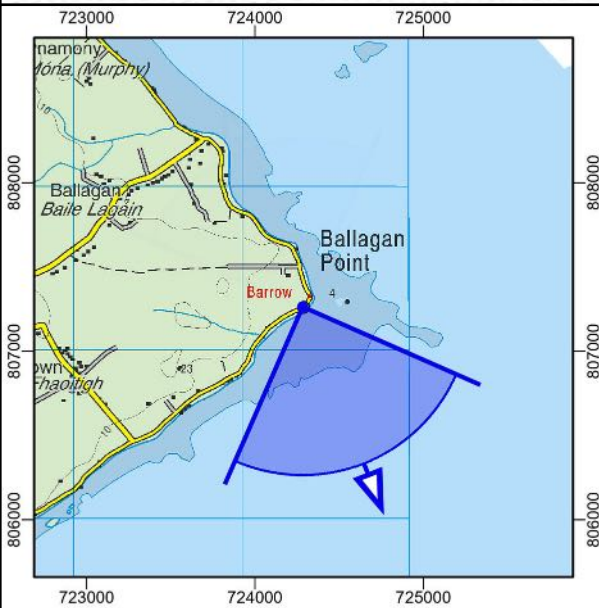
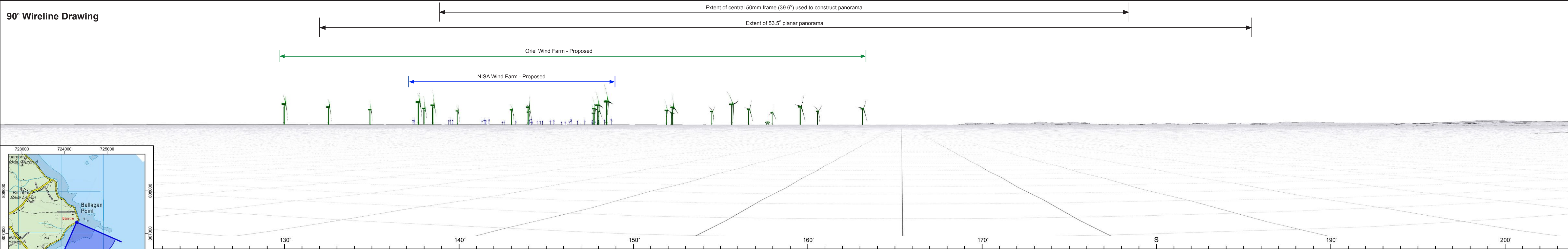
Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	717764	Created by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	810095	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	343 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	30-May-23 - 18:19	Distance to Nearest	35.9 km	Date	May 2024

Project:	North Irish Sea Array Offshore Wind Farm	Client:	NISA <i>North Irish Sea Array</i>	LVIA Consultant:	
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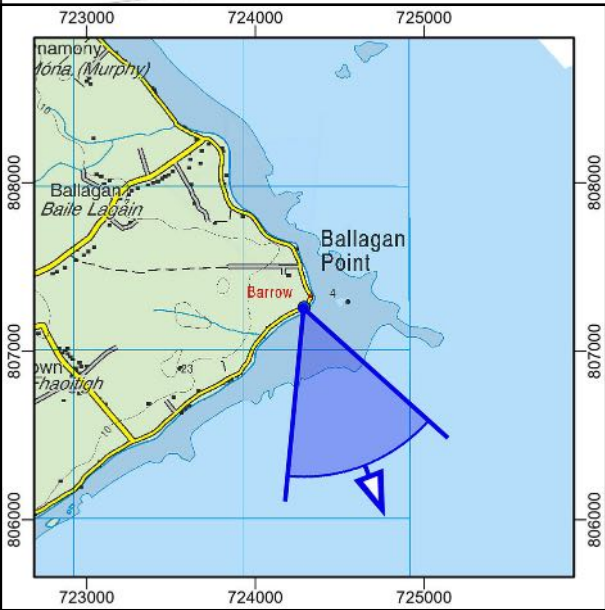
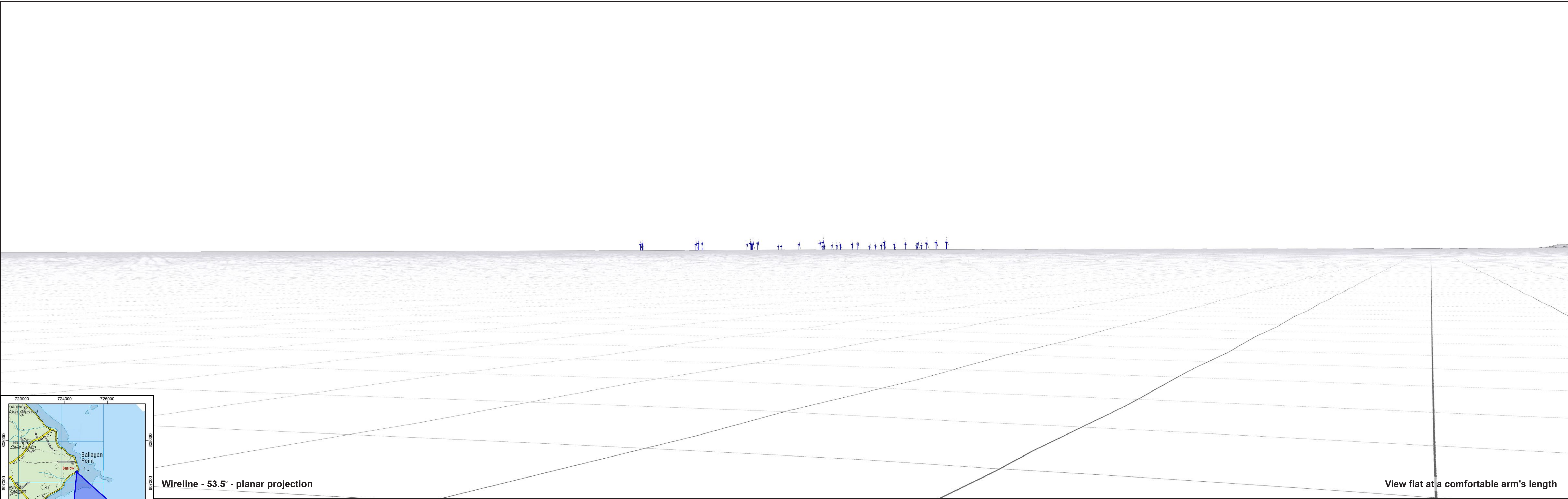


90° Baseline Photograph

90° Wireline Drawing



VP08 Baseline Photo and Wireline Coolea Point, Co. Louth	Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	724289	Prepared by	NH	Project: North Irish Sea Array Offshore Wind Farm	Client: <div>NISA North Irish Sea Array</div>	LVIA Consultant: <div>macroworks APEM GROUP</div>
	Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	807260	Checked by	RB			
	Rotor Diameter	276.0 m	Field of View (H° x V°)	90.0 x 14.2	Elevation / Cam Ht	5 m	Status	Final			
	Blade Tip Height	316.0 m	Date / Time of Capture	20-Jul-20 - 17:08	Distance to Nearest	30.7 km	Date	May 2024			



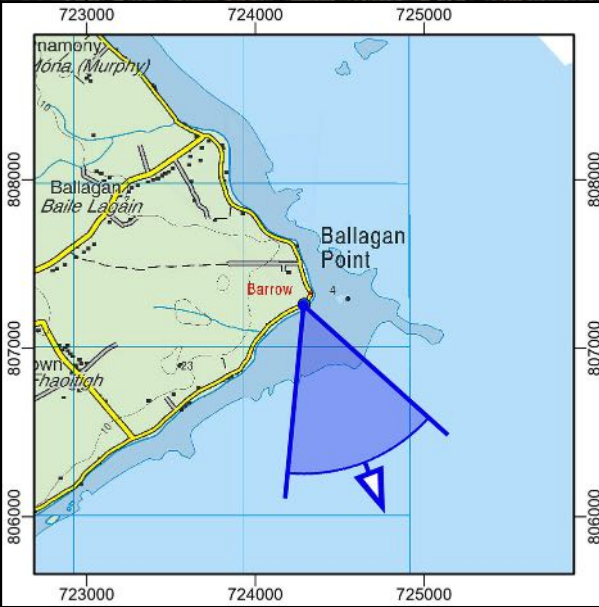
Wireline - 53.5° - planar projection

View flat at a comfortable arm's length

VP08	Wireline
Coolea Point, Co. Louth	

Turbine no. (Option 2)	35	Camera / Sensor	N/A	Easting (ITM)	724289	Created by	NH
Hub Height	178.0 m	Lens	N/A	Northing (ITM)	807260	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	5 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	N/A	Distance to Nearest	30.7 km	Date	May 2024

Project:	Client:	LVIA Consultant:
North Irish Sea Array Offshore Wind Farm		



Photomontage - 53.5° - planar projection

View flat at a comfortable arm's length

VP08 Photomontage
Coolea Point, Co. Louth

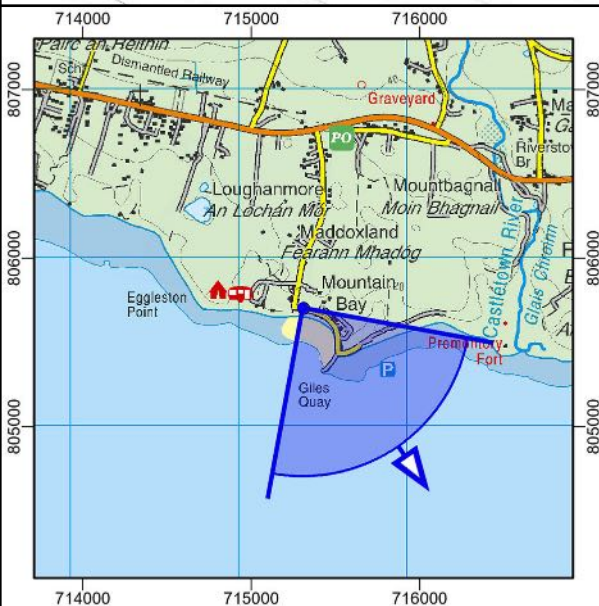
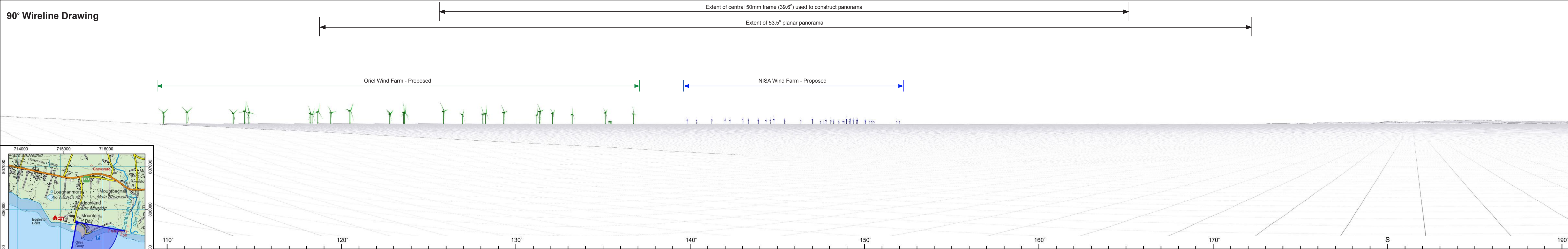
Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	724289	Created by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	807260	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	5 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	20-Jul-20 - 17:08	Distance to Nearest	30.7 km	Date	May 2024

Project:	North Irish Sea Array Offshore Wind Farm	Client:	NISA <i>North Irish Sea Array</i>	LVIA Consultant:	
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90° Baseline Photograph

90° Wireline Drawing



VP09 Baseline Photo and Wireline Gyles Quay, Co. Louth		Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	715311	Prepared by	NH	Project: North Irish Sea Array Offshore Wind Farm	Client: NISA North Irish Sea Array	LVIA Consultant:
		Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	805702	Checked by	RB			
		Rotor Diameter	276.0 m	Field of View (H° x V°)	90.0 x 14.2	Elevation / Cam Ht	12.1 m	Status	Final			
		Blade Tip Height	316.0 m	Date / Time of Capture	30-May-23 - 16:58	Distance to Nearest	33.2 km	Date	May 2024			



Photomontage - 53.5° - planar projection

View flat at a comfortable arm's length

VP09 Photomontage
Gyles Quay, Co. Louth

Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	715311	Created by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	805702	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	12.1 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	30-May-23 - 16:58	Distance to Nearest	33.2 km	Date	May 2024

Project:
**North Irish Sea Array
Offshore Wind Farm**

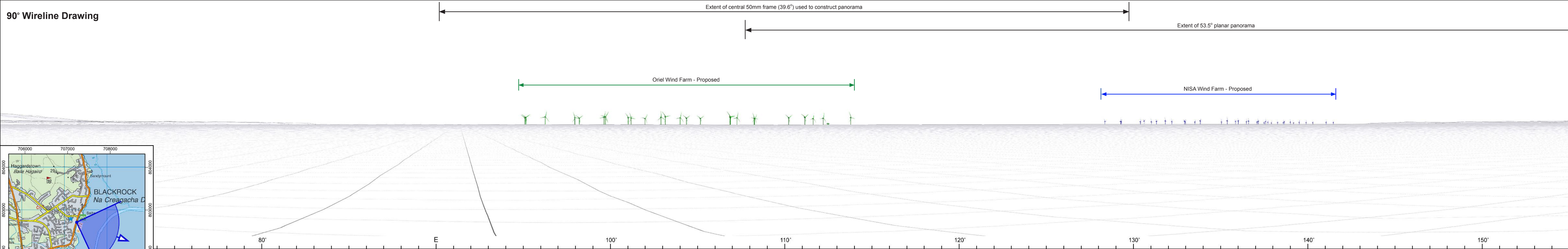
Client:
NISA
North Irish Sea Array


LVIA Consultant:

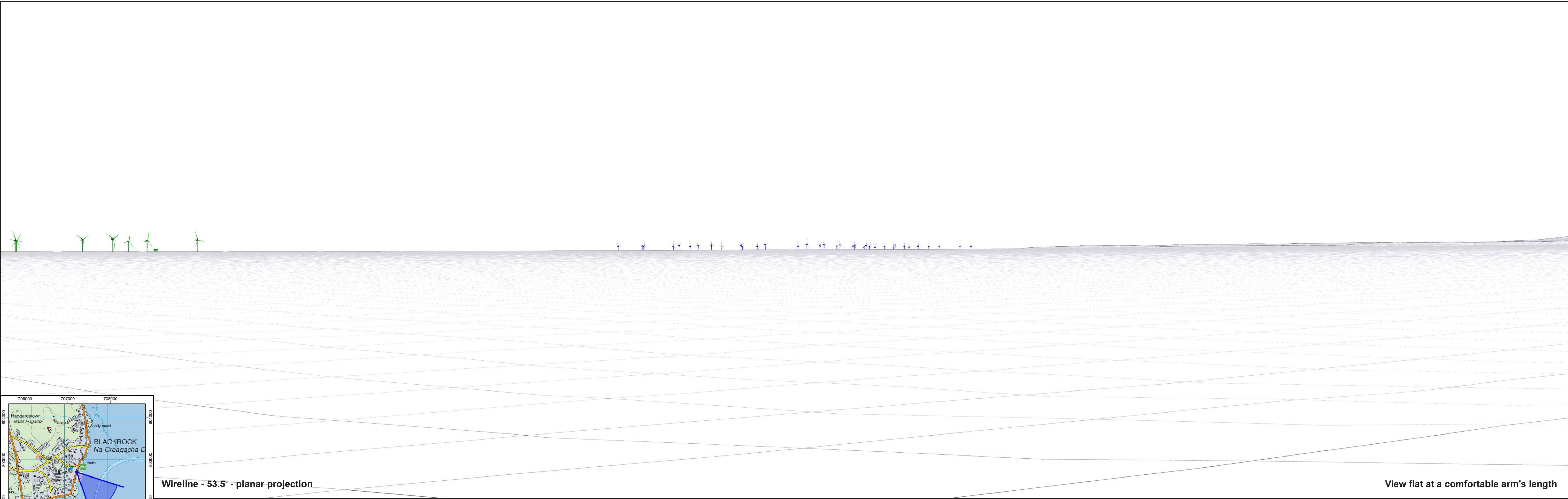



90° Baseline Photograph

90° Wireline Drawing



VP10 Baseline Photo and Wireline Blackrock Promenade, Co. Louth	Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	707216	Prepared by	NH	Project: North Irish Sea Array Offshore Wind Farm	Client: NISA <i>North Irish Sea Array</i>	LVIA Consultant: 
	Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	802714	Checked by	RB			
	Rotor Diameter	276.0 m	Field of View (H° x V°)	90.0 x 14.2	Elevation / Cam Ht	2.5 m	Status	Final			
	Blade Tip Height	316.0 m	Date / Time of Capture	30-May-23 - 20:02	Distance to Nearest	36.1 km	Date	May 2024			



Wireline - 53.5° - planar projection

View flat at a comfortable arm's length

VP10	Wireline
Blackrock Promenade, Co. Louth	

Turbine no. (Option 2)	35	Camera / Sensor	N/A	Easting (ITM)	707216	Created by	NH
Hub Height	178.0 m	Lens	N/A	Northing (ITM)	802714	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	2.5 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	N/A	Distance to Nearest	36.1 km	Date	May 2024

Project:	Client:	LVIA Consultant:
North Irish Sea Array Offshore Wind Farm		



Photomontage - 53.5° - planar projection

View flat at a comfortable arm's length

VP10	Photomontage	
	Blackrock Promenade, Co. Louth	

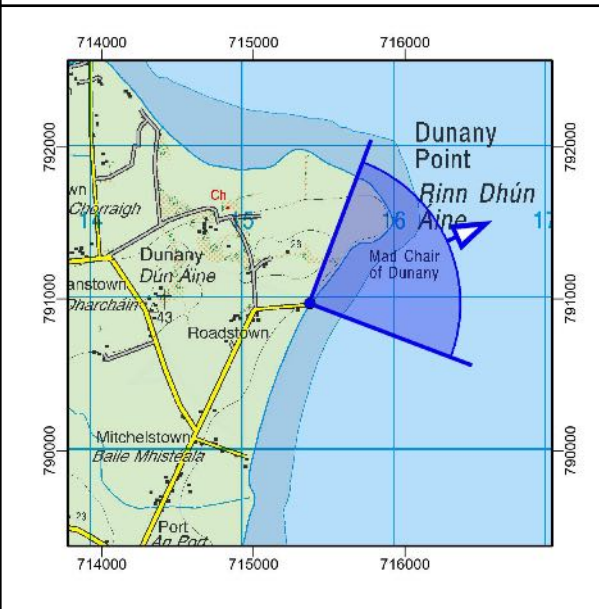
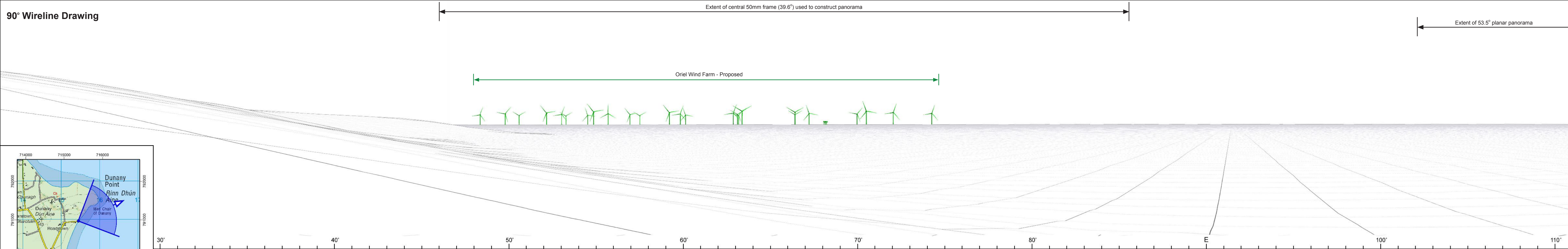
Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	707216	Created by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	802714	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	2.5 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	30-May-23 - 20:02	Distance to Nearest	36.1 km	Date	May 2024

Project:	North Irish Sea Array Offshore Wind Farm	Client:	<div>NISA</div> <div>North Irish Sea Array</div>	LVIA Consultant:	<div>macroworks</div> <div>APRM Group</div>



90° Baseline Photograph

90° Wireline Drawing



VP11 (View 1) Baseline Photo and Wireline
Dunany Bay Beach, Co. Louth

Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	715372	Prepared by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	790971	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	90.0 x 14.2	Elevation / Cam Ht	5.8 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	01-May-23 - 18:04	Distance to Nearest	22.2 km	Date	May 2024

Project:	Client:	LVIA Consultant:
North Irish Sea Array Offshore Wind Farm	NISA North Irish Sea Array	macroworks APEM GROUP



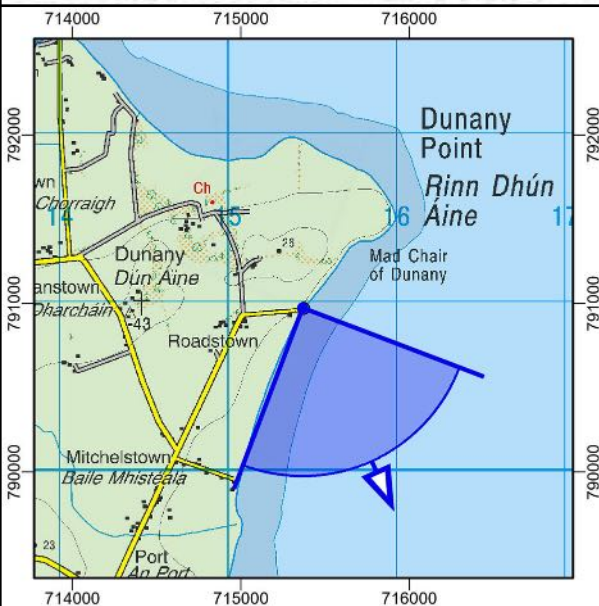
90° Baseline Photograph

90° Wireline Drawing

Extent of 53.5° planar panorama

Extent of central 50mm frame (39.6°) used to construct panorama

NISA Wind Farm - Proposed



VP11 (View 2) Baseline Photo and Wireline
Dunany Bay Beach, Co. Louth

Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	715372	Prepared by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	790971	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	90.0 x 14.2	Elevation / Cam Ht	5.8 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	01-May-23 - 18:04	Distance to Nearest	22.2 km	Date	May 2024

Project:
**North Irish Sea Array
Offshore Wind Farm**

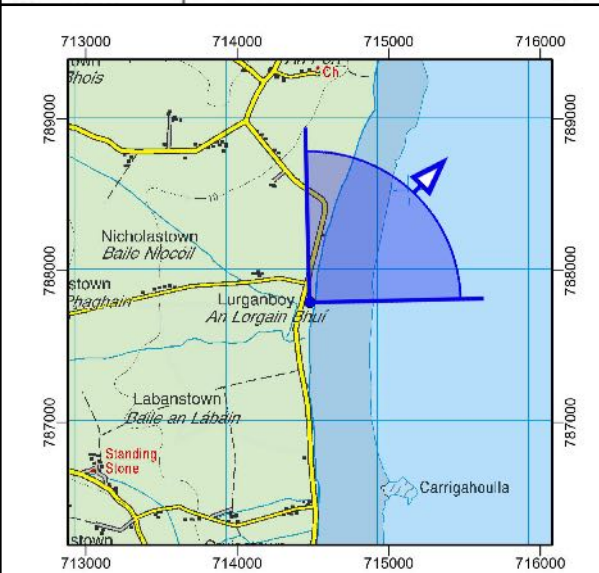
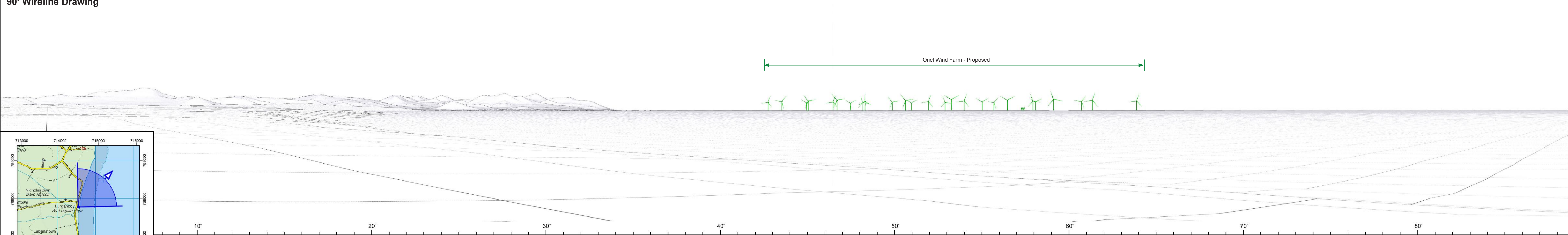
Client:
NISA
North Irish Sea Array

LVIA Consultant:




90° Baseline Photograph

90° Wireline Drawing



VP12 (View 1) Baseline Photo and Wireline
Lurganboy Beach , Co. Louth

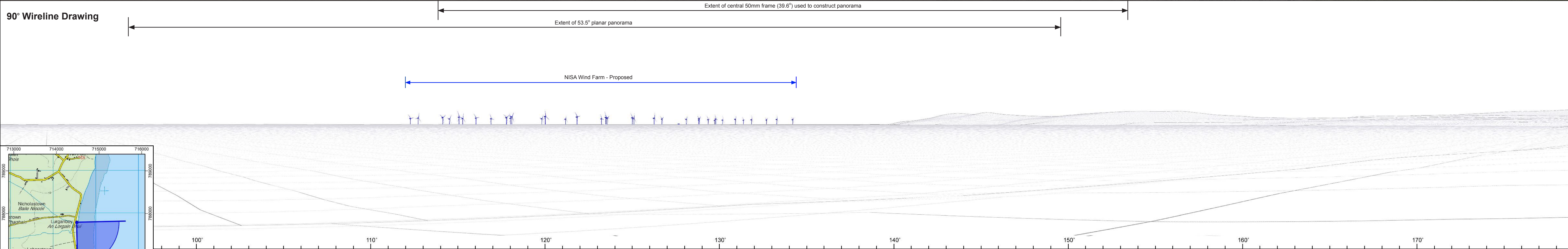
Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	714479	Prepared by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	787792	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	90.0 x 14.2	Elevation / Cam Ht	3.8 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	01-May-23 - 17:45	Distance to Nearest	21.2 km	Date	May 2024

Project: North Irish Sea Array Offshore Wind Farm	Client: NISA <i>North Irish Sea Array</i>	LVIA Consultant:



90° Baseline Photograph

90° Wireline Drawing



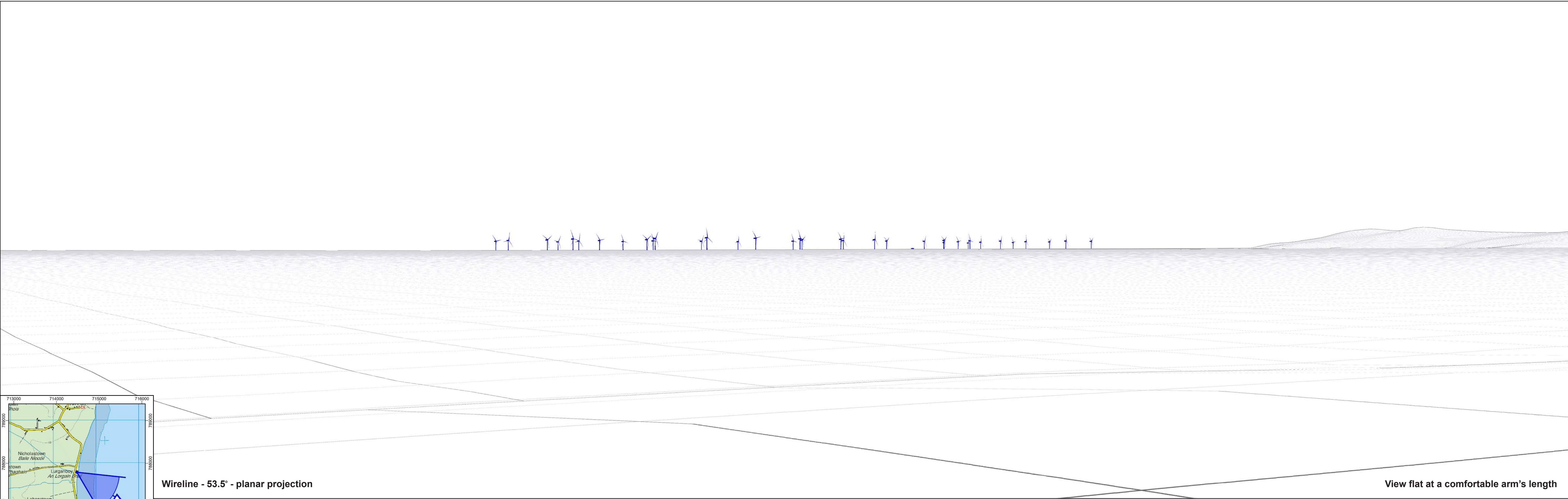
VP12 (View 2) Baseline Photo and Wireline
Lurganboy Beach , Co. Louth

Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	714479	Prepared by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	787792	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	90.0 x 14.2	Elevation / Cam Ht	3.8 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	01-May-23 - 17:45	Distance to Nearest	21.2 km	Date	May 2024

Project:
**North Irish Sea Array
Offshore Wind Farm**

Client:
NISA
North Irish Sea Array

LVIA Consultant:



Wireline - 53.5° - planar projection

View flat at a comfortable arm's length

VP12 Wireline
Lurganboy Beach , Co. Louth

Turbine no. (Option 2)	35	Camera / Sensor	N/A	Easting (ITM)	714479	Created by	NH
Hub Height	178.0 m	Lens	N/A	Northing (ITM)	787792	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	3.8 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	N/A	Distance to Nearest	21.2 km	Date	May 2024

Project: North Irish Sea Array Offshore Wind Farm	Client: NISA <i>North Irish Sea Array</i>	LVIA Consultant: 
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Photomontage - 53.5° - planar projection

View flat at a comfortable arm's length

VP12 Photomontage
Lurganboy Beach , Co. Louth

Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	714479	Created by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	787792	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	3.8 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	01-May-23 - 17:45	Distance to Nearest	21.2 km	Date	May 2024

Project:
**North Irish Sea Array
Offshore Wind Farm**

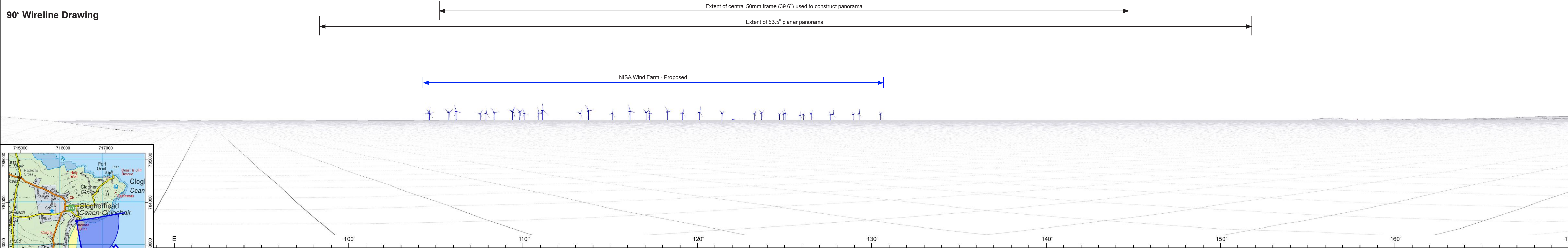
Client:
NISA
North Irish Sea Array

LVIA Consultant:




90° Baseline Photograph

90° Wireline Drawing



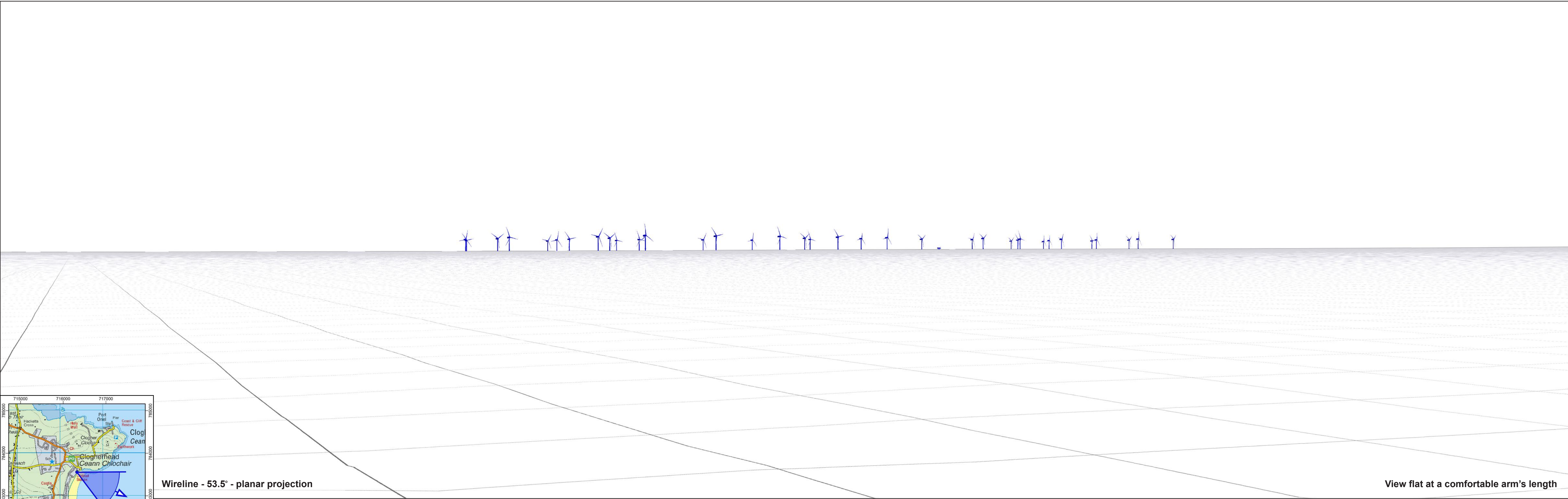
VP13 Baseline Photo and Wireline
Clogherhead Beach, Co. Louth

Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	716322	Prepared by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	783559	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	90.0 x 14.2	Elevation / Cam Ht	5 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	14-Apr-21 - 12:34	Distance to Nearest	17.8 km	Date	May 2024

Project:
**North Irish Sea Array
Offshore Wind Farm**

Client:
NISA
North Irish Sea Array

LVIA Consultant:
macroworks
APTEM GROUP



Wireline - 53.5° - planar projection

View flat at a comfortable arm's length

VP13

Wireline

Clogherhead Beach, Co. Louth

Turbine no. (Option 2)	35	Camera / Sensor	N/A	Easting (ITM)	716322	Created by	NH
Hub Height	178.0 m	Lens	N/A	Northing (ITM)	783559	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	5 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	N/A	Distance to Nearest	17.8 km	Date	May 2024

Project:

North Irish Sea Array
Offshore Wind Farm

Client:

NISA

North Irish Sea Array

LVIA Consultant:

macroworks

APRM Group



Photomontage - 53.5° - planar projection

View flat at a comfortable arm's length

VP13 Photomontage
Clogherhead Beach, Co. Louth

Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	716322	Created by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	783559	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	5 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	14-Apr-21 - 12:34	Distance to Nearest	17.8 km	Date	May 2024

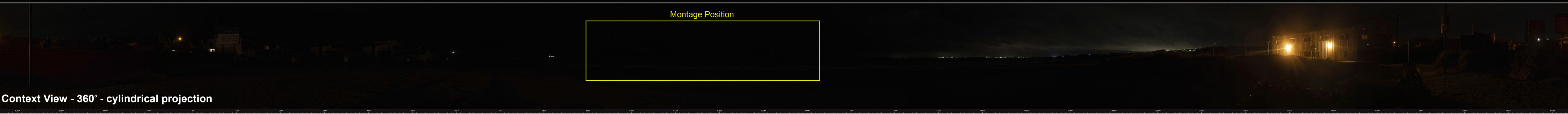
Project:
**North Irish Sea Array
Offshore Wind Farm**

Client:
NISA
North Irish Sea Array

LVIA Consultant:


Photomontage - 53.5° - planar projection

View flat at a comfortable arm's length



Context View - 360° - cylindrical projection

VP13 Nighttime Photomontage
Clogherhead Beach, Co. Louth

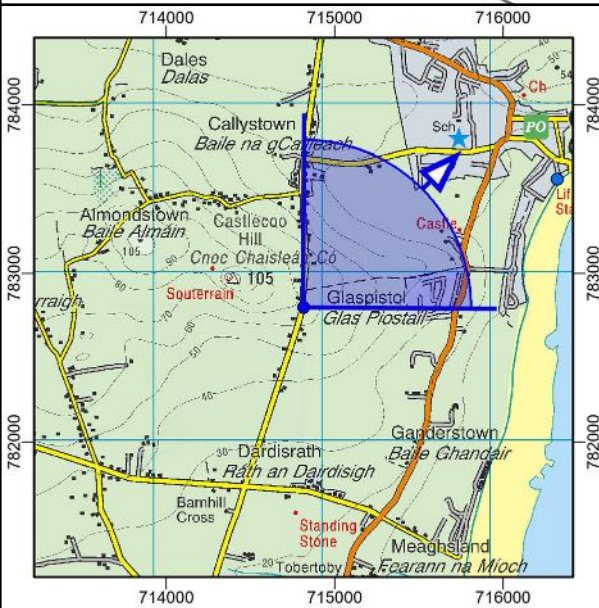
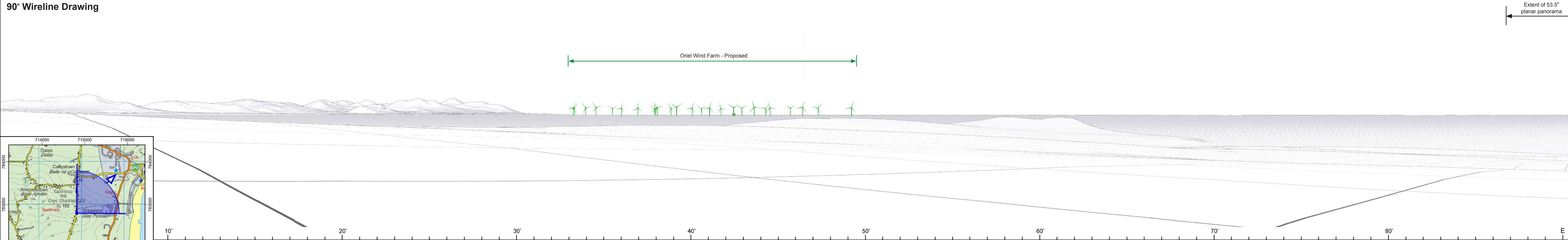
Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	716322	Created by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	783559	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	6.0 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	10-Oct-23 - 21:44	Distance to Nearest	17.8 km	Date	May 2024

Project: North Irish Sea Array Offshore Wind Farm	Client: NISA <i>North Irish Sea Array</i>	LVIA Consultant: 
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90° Baseline Photograph

90° Wireline Drawing



VP14 (View 1) Baseline Photo and Wireline
Local Road at Castlecoo Hill,
Co. Louth

Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	714816	Prepared by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	782798	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	90.0 x 14.2	Elevation / Cam Ht	67 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	01-May-23 - 17:14	Distance to Nearest	19.0 km	Date	May 2024

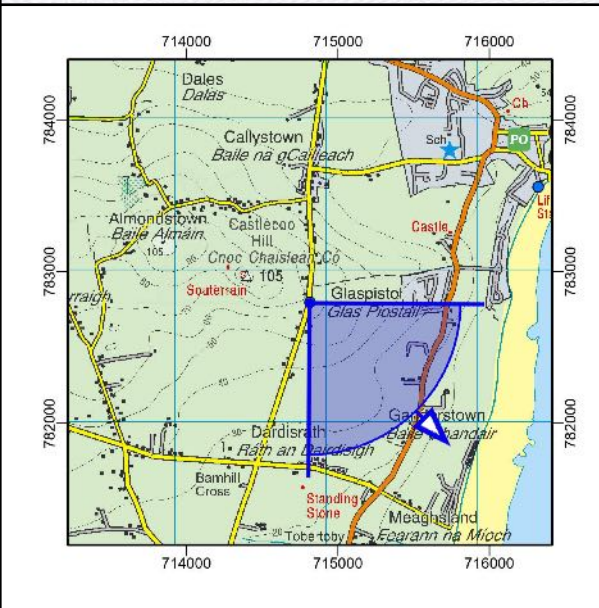
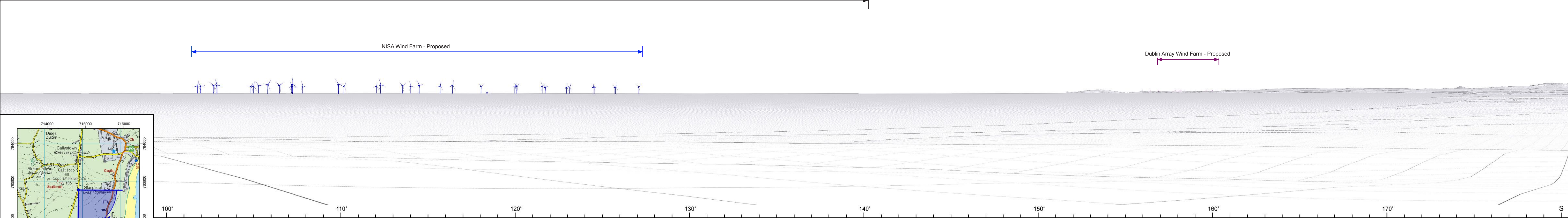
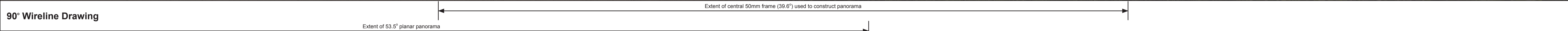
Project:
**North Irish Sea Array
Offshore Wind Farm**

Client:
NISA
North Irish Sea Array

LVIA Consultant:




90° Baseline Photograph



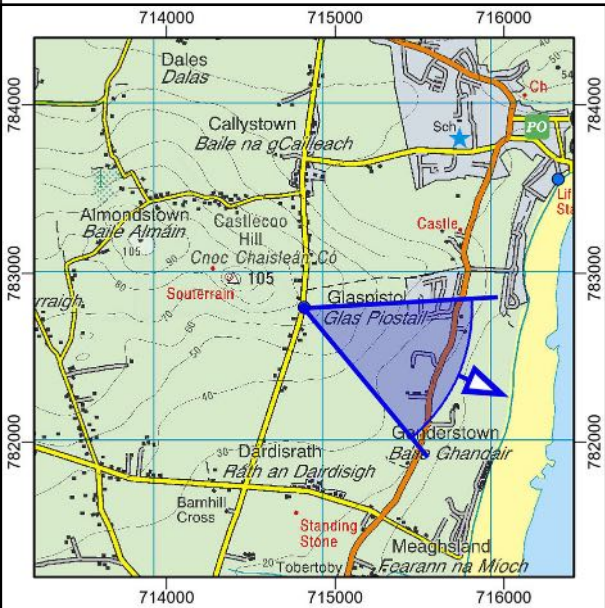
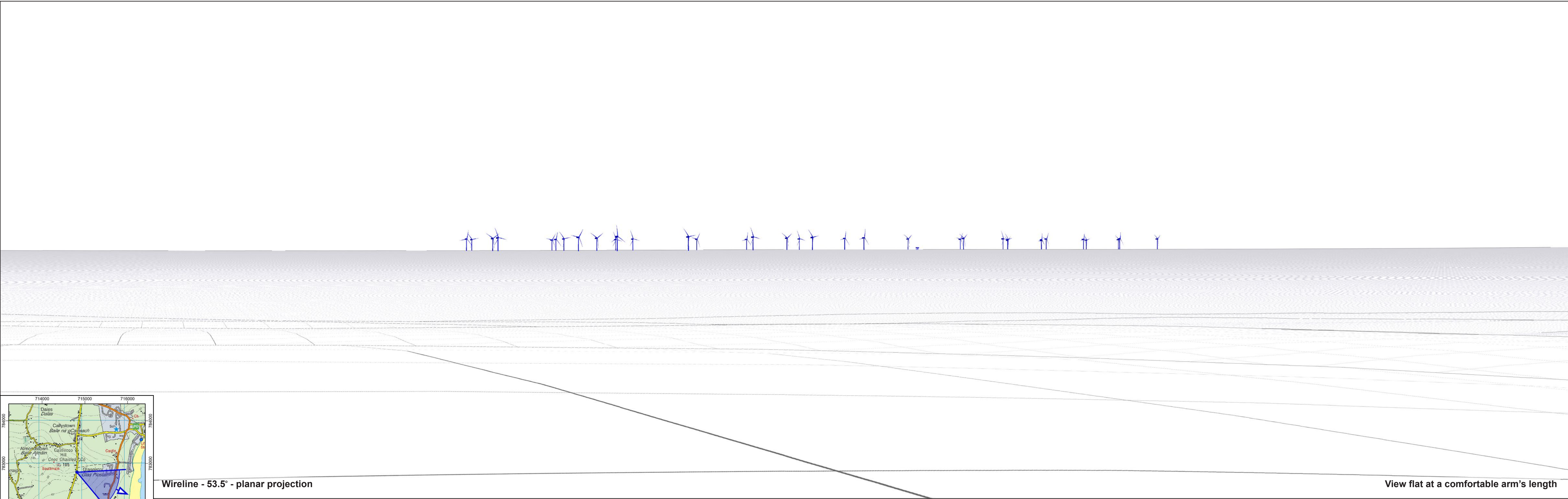
VP14 (View 2) Baseline Photo and Wireline
Local Road at Castlecoe Hill,
Co. Louth

Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	714816	Prepared by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	782798	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	90.0 x 14.2	Elevation / Cam Ht	67 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	01-May-23 - 17:14	Distance to Nearest	19.0 km	Date	May 2024

Project:
**North Irish Sea Array
Offshore Wind Farm**

Client:
NISA
North Irish Sea Array

LVIA Consultant:



Wireline - 53.5° - planar projection

View flat at a comfortable arm's length

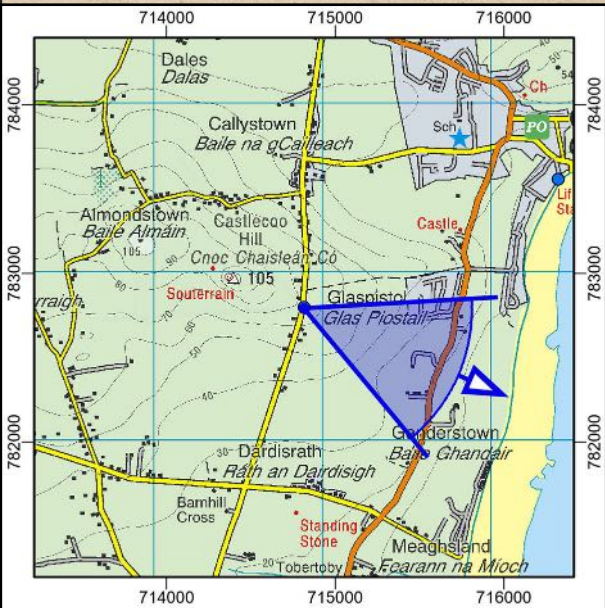
VP14 Wireline
Local Road at Castlecoo Hill,
Co. Louth

Turbine no. (Option 2)	35	Camera / Sensor	N/A	Easting (ITM)	714816	Created by	NH
Hub Height	178.0 m	Lens	N/A	Northing (ITM)	782798	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	67 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	N/A	Distance to Nearest	19.0 km	Date	May 2024

Project:
**North Irish Sea Array
Offshore Wind Farm**

Client:
NISA
North Irish Sea Array

LVIA Consultant:

Photomontage - 53.5° - planar projection

View flat at a comfortable arm's length

VP14 Photomontage
Local Road at Castlecoe Hill,
Co. Louth

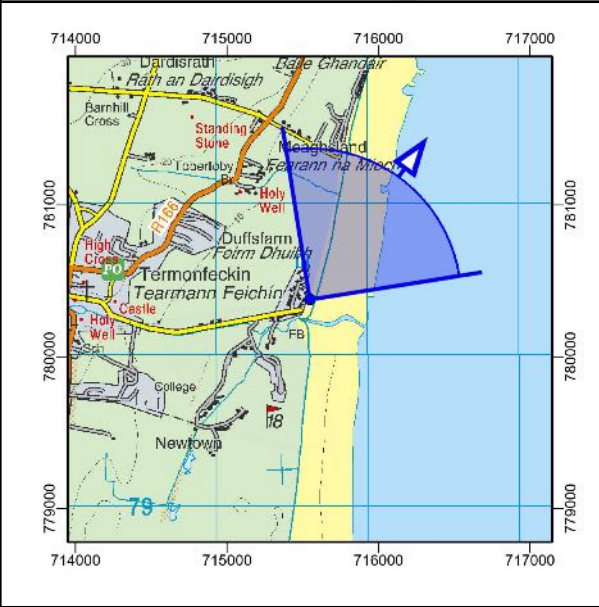
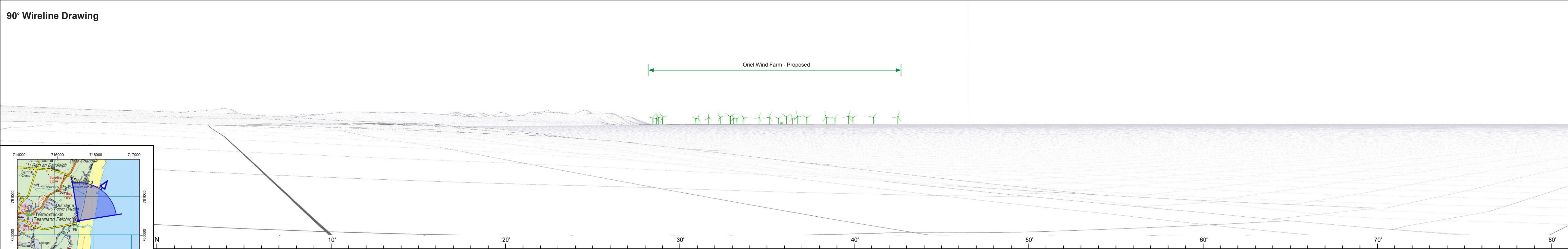
Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	714816	Created by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	782798	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	67 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	01-May-23 - 17:14	Distance to Nearest	19.0 km	Date	May 2024

Project: North Irish Sea Array Offshore Wind Farm	Client: NISA <i>North Irish Sea Array</i>	LVIA Consultant: 
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90° Baseline Photograph

90° Wireline Drawing



VP15 (View 1) Baseline Photo and Wireline
Termonfeckin Beach, Co. Louth

Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	715547	Prepared by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	780379	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	90.0 x 14.2	Elevation / Cam Ht	2.3 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	01-May-23 - 16:57	Distance to Nearest	17.8 km	Date	May 2024

Project:
**North Irish Sea Array
Offshore Wind Farm**

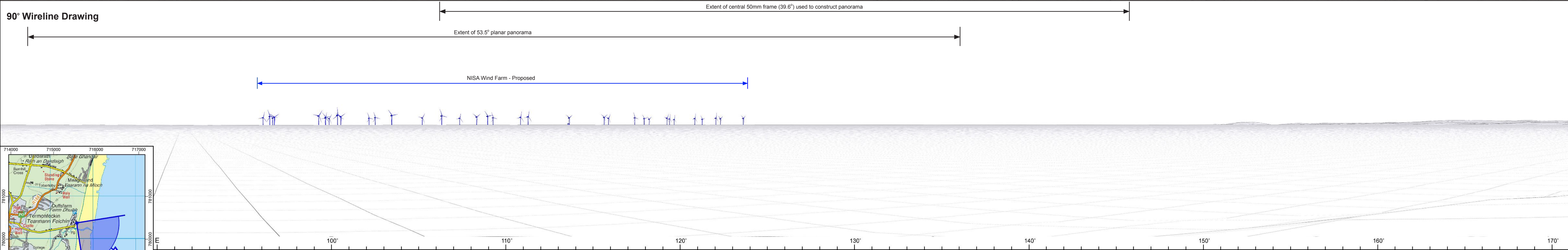
Client:
NISA
North Irish Sea Array

LVIA Consultant:



90° Baseline Photograph

90° Wireline Drawing



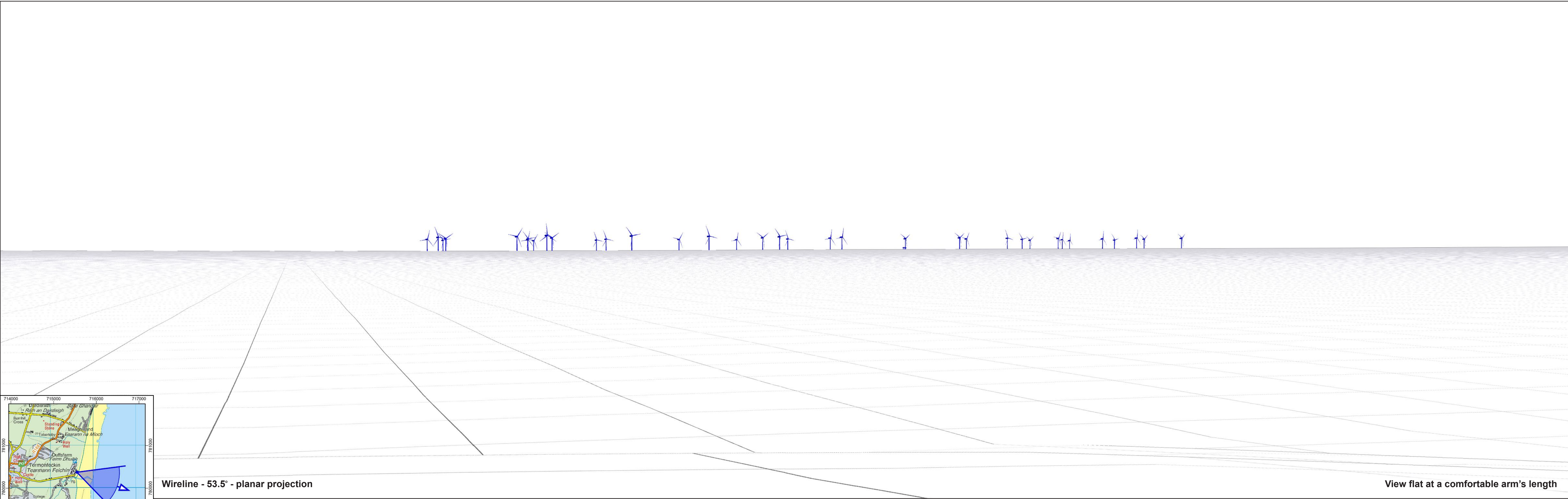
VP15 (View 2) Baseline Photo and Wireline
Termonfeckin Beach, Co. Louth

Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	715547	Prepared by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	780379	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	90.0 x 14.2	Elevation / Cam Ht	2.3 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	01-May-23 - 16:57	Distance to Nearest	17.8 km	Date	May 2024

Project:
**North Irish Sea Array
Offshore Wind Farm**

Client:
NISA
North Irish Sea Array

LVIA Consultant:



Wireline - 53.5° - planar projection

View flat at a comfortable arm's length

VP15

Wireline

Termonfeckin Beach, Co. Louth

Turbine no. (Option 2)	35	Camera / Sensor	N/A	Easting (ITM)	715547	Created by	NH
Hub Height	178.0 m	Lens	N/A	Northing (ITM)	780379	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	2.3 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	N/A	Distance to Nearest	17.8 km	Date	May 2024

Project:

North Irish Sea Array
Offshore Wind Farm

Client:

NISA

North Irish Sea Array

LVIA Consultant:

macroworks

APRM Group



Photomontage - 53.5° - planar projection

View flat at a comfortable arm's length

VP15

Photomontage

Termonfeckin Beach, Co. Louth

Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	715547	Created by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	780379	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	2.3 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	01-May-23 - 16:57	Distance to Nearest	17.8 km	Date	May 2024

Project:

North Irish Sea Array
Offshore Wind Farm

Client:

NISA

North Irish Sea Array

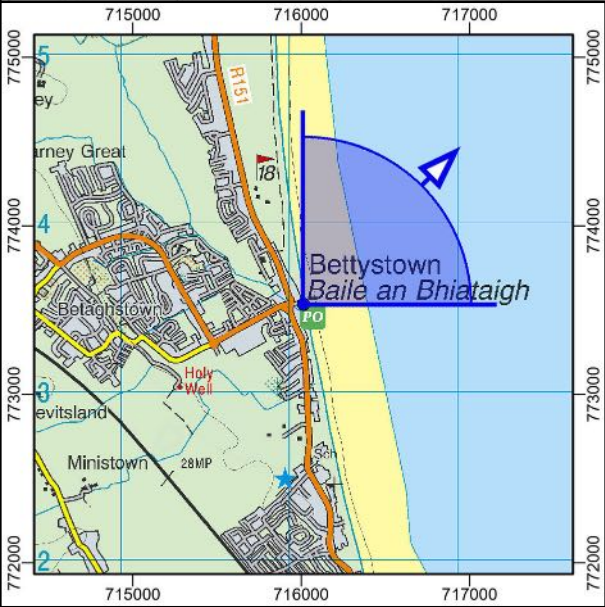
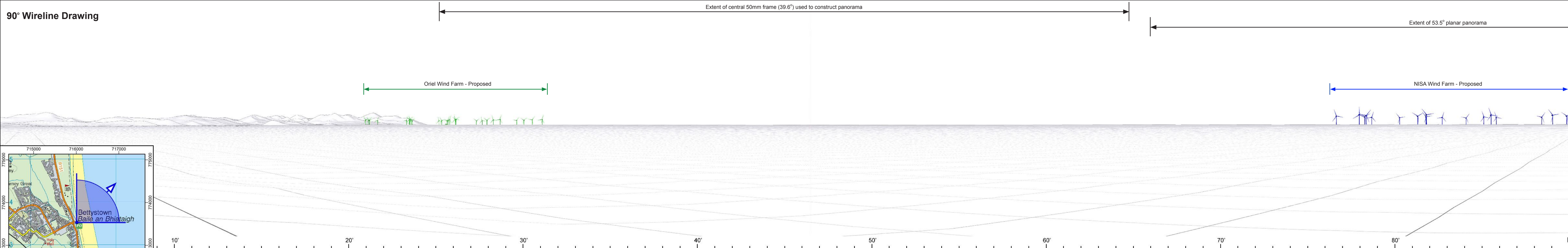
LVIA Consultant:

macroworks

APRM Group



90° Baseline Photograph



VP16 (View 1) Baseline Photo and Wireline
Bettystown Beach, Co. Meath

Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	716014	Prepared by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	773534	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	90.0 x 14.2	Elevation / Cam Ht	5 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	21-Jul-21 - 14:30	Distance to Nearest	17.6 km	Date	May 2024

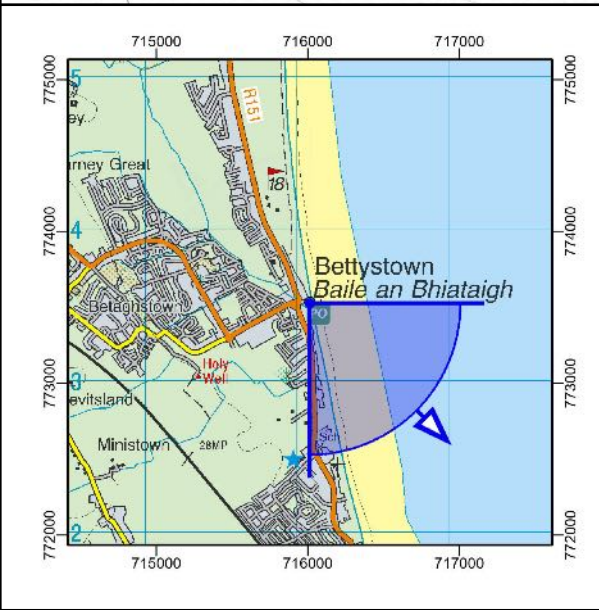
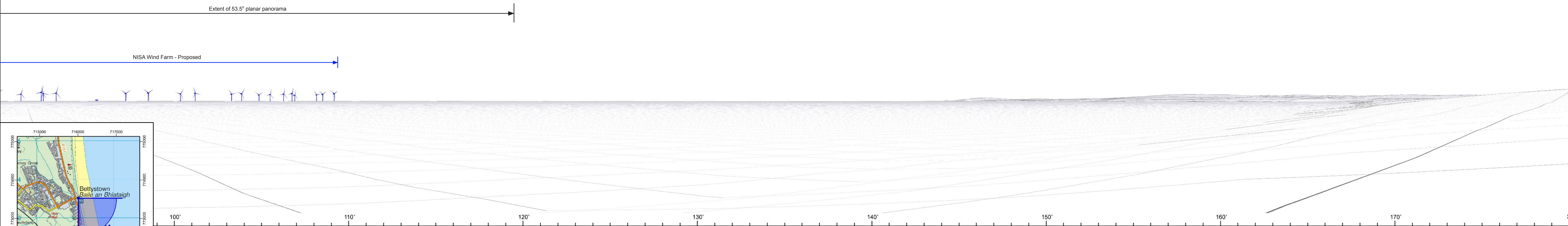
Project: **North Irish Sea Array
Offshore Wind Farm**

Client: **NISA**
North Irish Sea Array

LVIA Consultant: 



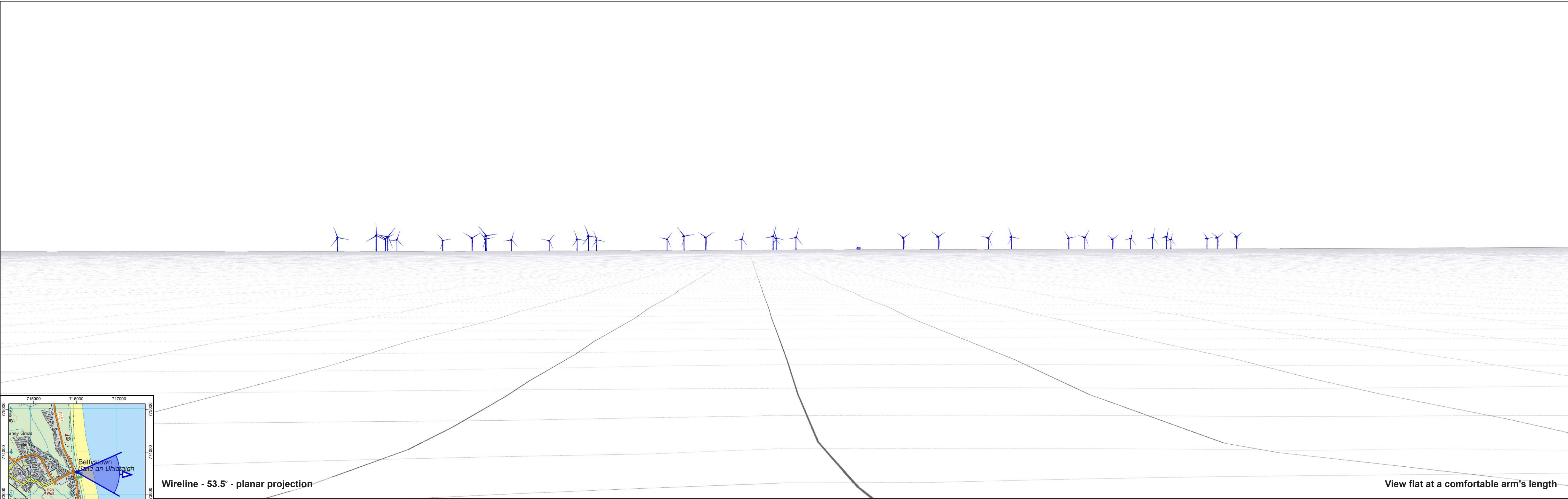
90° Wireline Drawing



VP16 (View 2) Baseline Photo and Wireline
Bettystown Beach, Co. Meath

Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	716014	Prepared by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	773534	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	90.0 x 14.2	Elevation / Cam Ht	5 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	21-Jul-21 - 14:30	Distance to Nearest	17.6 km	Date	May 2024

Project: North Irish Sea Array Offshore Wind Farm	Client: NISA <i>North Irish Sea Array</i>	LVIA Consultant: 
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Wireline - 53.5° - planar projection

View flat at a comfortable arm's length

VP16	Wireline
Bettystown Beach, Co. Meath	

Turbine no. (Option 2)	35	Camera / Sensor	N/A	Easting (ITM)	716014	Created by	NH
Hub Height	178.0 m	Lens	N/A	Northing (ITM)	773534	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	5 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	N/A	Distance to Nearest	17.6 km	Date	May 2024

Project:	North Irish Sea Array Offshore Wind Farm
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Client:	NISA North Irish Sea Array
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LVIA Consultant:	
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Photomontage - 53.5° - planar projection

View flat at a comfortable arm's length

VP16 Photomontage
Bettystown Beach, Co. Meath

Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	716014	Created by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	773534	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	5 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	21-Jul-21 - 14:30	Distance to Nearest	17.6 km	Date	May 2024

Project:
**North Irish Sea Array
Offshore Wind Farm**

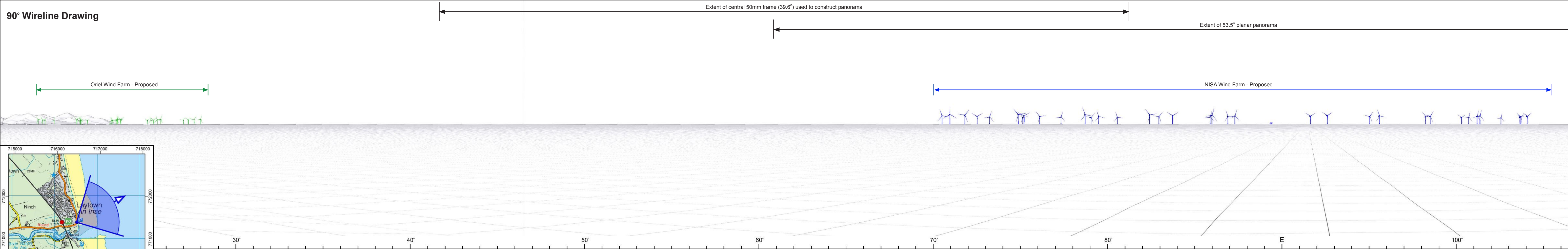
Client:
NISA
North Irish Sea Array


LVIA Consultant:

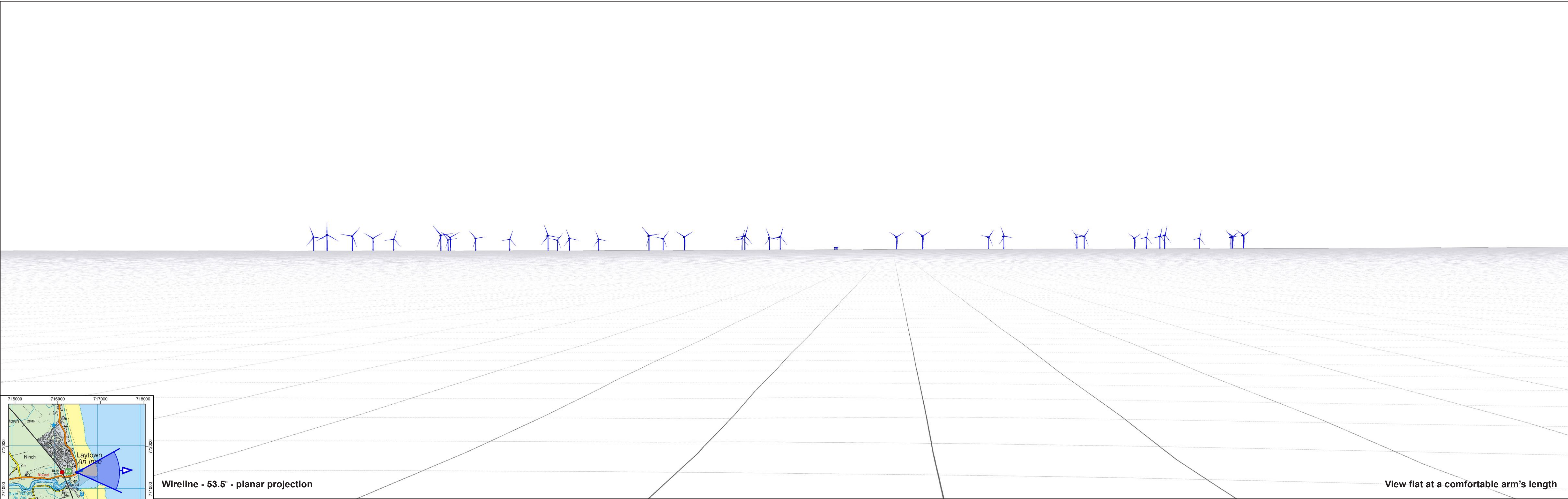



90° Baseline Photograph

90° Wireline Drawing



VP17 Baseline Photo and Wireline Amenity Area, Laytown , Co. Meath	Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	716450	Prepared by	NH	Project: North Irish Sea Array Offshore Wind Farm	Client: NISA <i>North Irish Sea Array</i>	LVIA Consultant: 
	Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	771394	Checked by	RB			
	Rotor Diameter	276.0 m	Field of View (H° x V°)	90.0 x 14.2	Elevation / Cam Ht	7.1 m	Status	Final			
	Blade Tip Height	316.0 m	Date / Time of Capture	01-May-23 - 16:01	Distance to Nearest	17.8 km	Date	May 2024			



VP17 Wireline
Amenity Area, Laytown , Co. Meath

Turbine no. (Option 2)	35	Camera / Sensor	N/A	Easting (ITM)	716450	Created by	NH
Hub Height	178.0 m	Lens	N/A	Northing (ITM)	771394	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	7.1 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	N/A	Distance to Nearest	17.8 km	Date	May 2024

Project:
**North Irish Sea Array
Offshore Wind Farm**

Client:
NISA
North Irish Sea Array

LVIA Consultant:




Photomontage - 53.5° - planar projection

View flat at a comfortable arm's length

VP17 Photomontage
Amenity Area, Laytown , Co. Meath

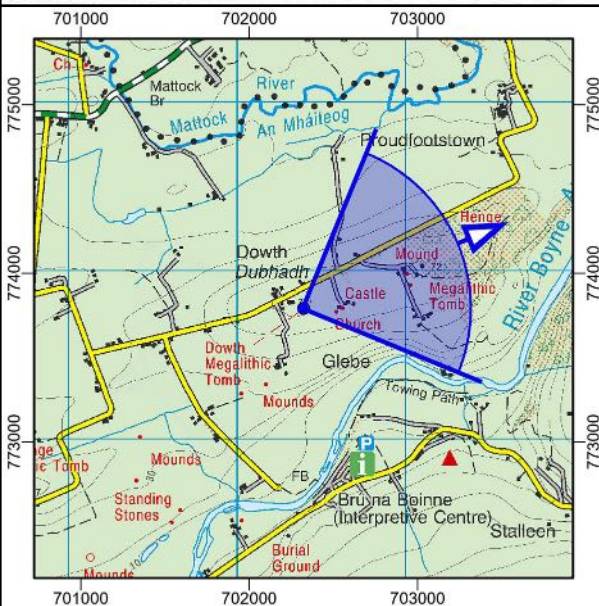
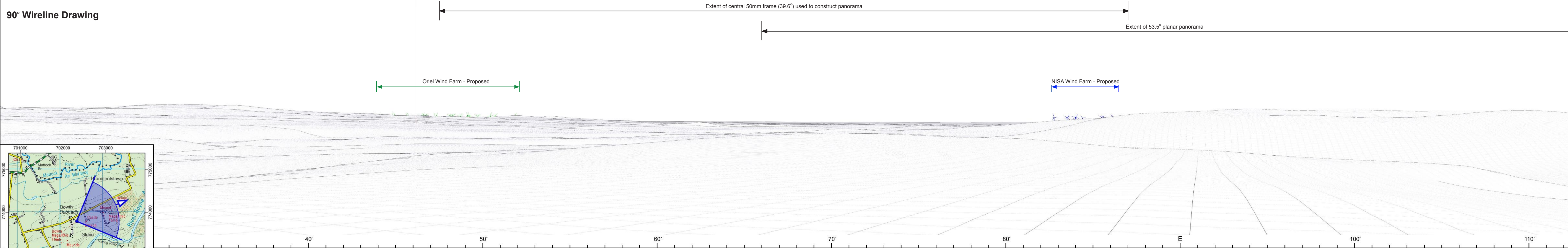
Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	716450	Created by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	771394	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	7.1 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	01-May-23 - 16:01	Distance to Nearest	17.8 km	Date	May 2024

Project:	North Irish Sea Array Offshore Wind Farm	Client:	NISA North Irish Sea Array	LVIA Consultant:	
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90° Baseline Photograph

90° Wireline Drawing



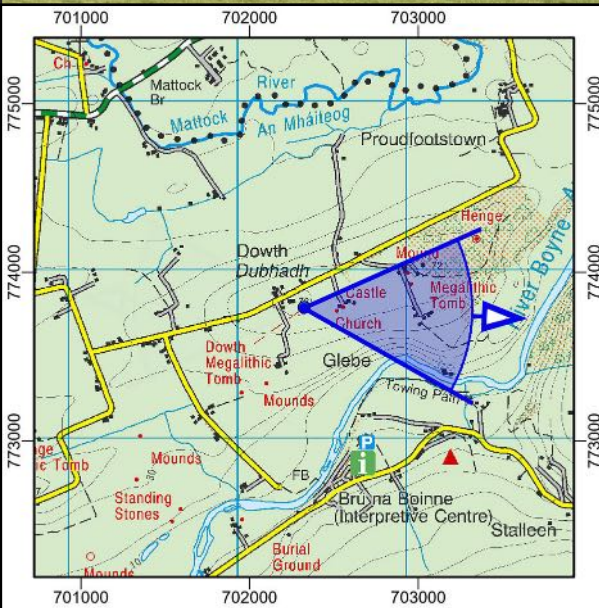
VP18 Baseline Photo and Wireline
Dowth Passage Tomb, Co. Meath

Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	702323	Prepared by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	773791	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	90.0 x 14.2	Elevation / Cam Ht	81.8 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	18-Nov-22 - 15:02	Distance to Nearest	31.1 km	Date	May 2024

Project:
**North Irish Sea Array
Offshore Wind Farm**

Client:
NISA
North Irish Sea Array

LVIA Consultant:



Photomontage - 53.5° - planar projection

View flat at a comfortable arm's length

VP18 Photomontage
Dowth Passage Tomb, Co. Meath

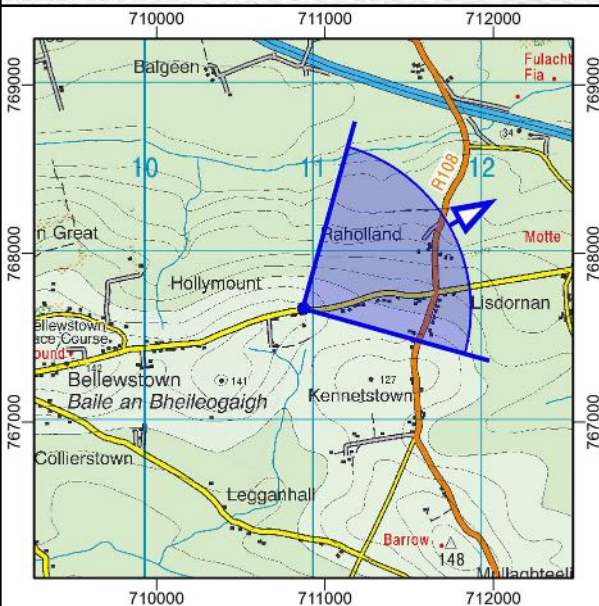
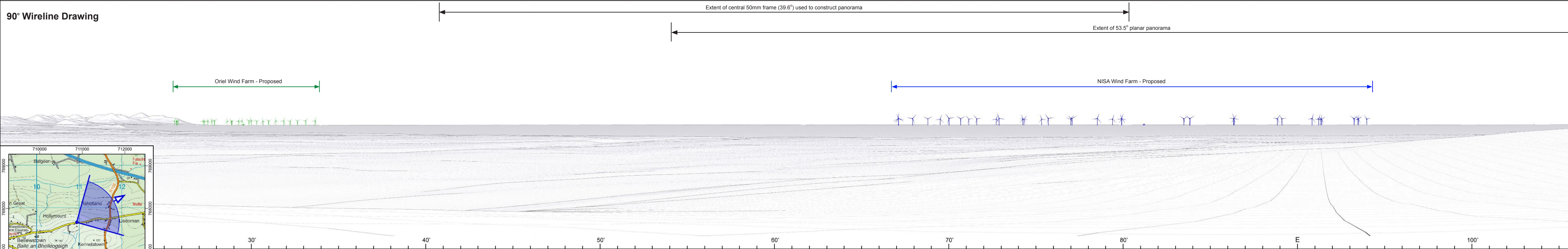
Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	702323	Created by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	773791	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	81.8 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	18-Nov-22 - 15:02	Distance to Nearest	31.1 km	Date	May 2024

Project:	North Irish Sea Array Offshore Wind Farm	Client:	NISA North Irish Sea Array	LVIA Consultant:	
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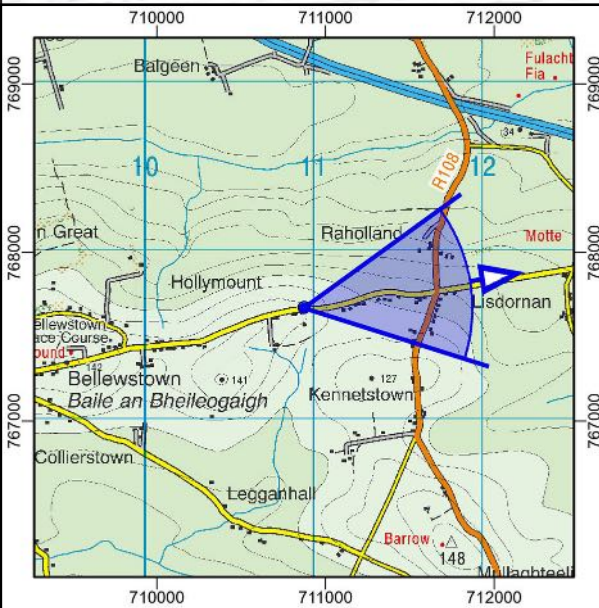
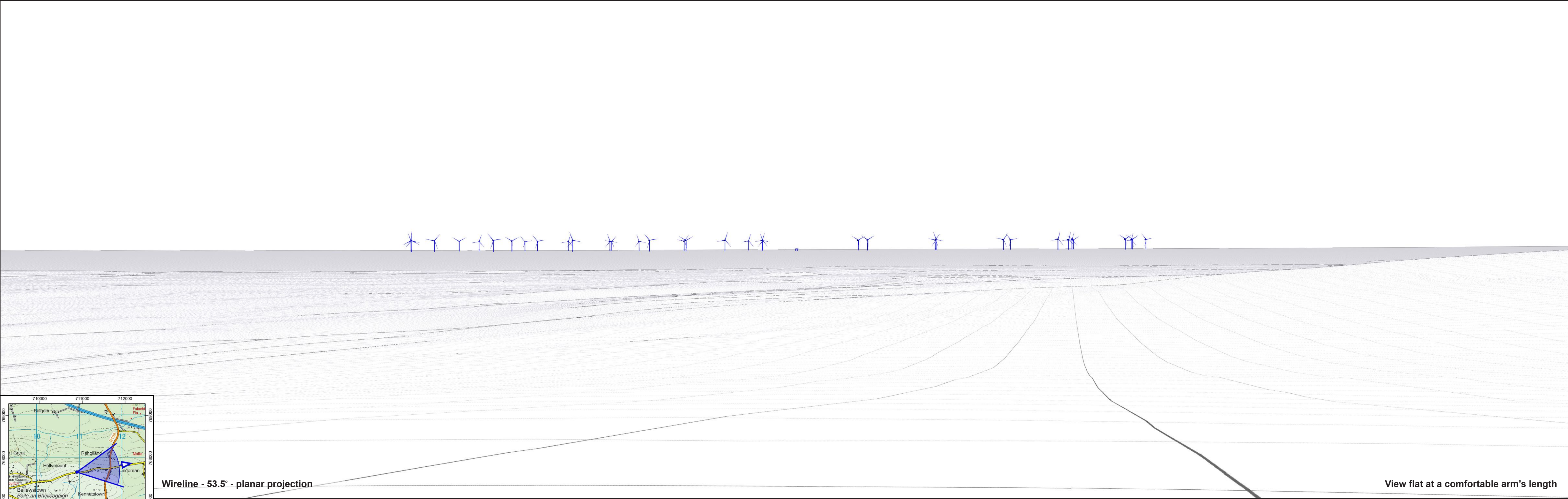


90° Baseline Photograph

90° Wireline Drawing



VP19 Baseline Photo and Wireline Kennetstown, Co. Meath	Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	710873	Prepared by	NH	Project: North Irish Sea Array Offshore Wind Farm	Client: <div>NISA</div> <div>North Irish Sea Array</div>	LVIA Consultant: <div>macroworks</div> <div>APERT</div>
	Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	767674	Checked by	RB			
	Rotor Diameter	276.0 m	Field of View (H° x V°)	90.0 x 14.2	Elevation / Cam Ht	120 m	Status	Final			
	Blade Tip Height	316.0 m	Date / Time of Capture	18-Nov-22 - 13:50	Distance to Nearest	24.4 km	Date	May 2024			



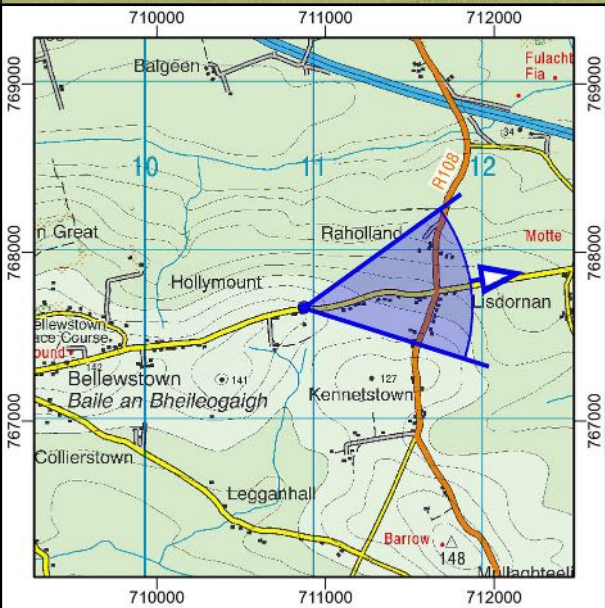
Wireline - 53.5° - planar projection

View flat at a comfortable arm's length

VP19 Wireline
Kennetstown, Co. Meath

Turbine no. (Option 2)	35	Camera / Sensor	N/A	Easting (ITM)	710873	Created by	NH
Hub Height	178.0 m	Lens	N/A	Northing (ITM)	767674	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	120 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	N/A	Distance to Nearest	24.4 km	Date	May 2024

Project:	Client:	LVIA Consultant:
North Irish Sea Array Offshore Wind Farm	NISA North Irish Sea Array	



Photomontage - 53.5° - planar projection

View flat at a comfortable arm's length

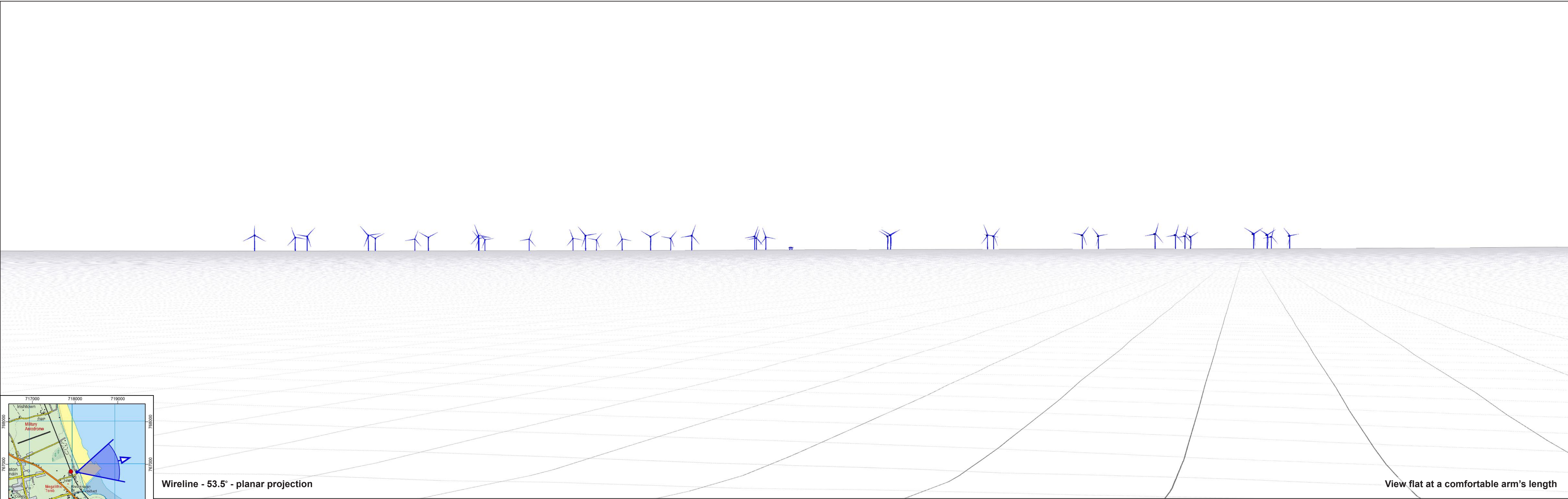
VP19 Photomontage
Kennetstown, Co. Meath

Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	710873	Created by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	767674	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	120 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	18-Nov-22 - 13:50	Distance to Nearest	24.4 km	Date	May 2024

Project: **North Irish Sea Array
Offshore Wind Farm**

Client: **NISA**
North Irish Sea Array

LVIA Consultant: 



Wireline - 53.5° - planar projection

View flat at a comfortable arm's length

VP20	Wireline
Gormanston Beach, Co. Meath	

Turbine no. (Option 2)	35	Camera / Sensor	N/A	Easting (ITM)	718044	Created by	NH
Hub Height	178.0 m	Lens	N/A	Northing (ITM)	766819	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	9.6 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	N/A	Distance to Nearest	18.3 km	Date	May 2024

Project:	Client:	LVIA Consultant:
North Irish Sea Array Offshore Wind Farm	<div>NISA</div> <div>North Irish Sea Array</div>	<div>macroworks</div> <div>APRM Group</div>



Photomontage - 53.5° - planar projection

View flat at a comfortable arm's length

VP20 Photomontage
Gormanston Beach, Co. Meath

Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	718044	Created by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	766819	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	9.6 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	01-May-23 - 15:16	Distance to Nearest	18.3 km	Date	May 2024

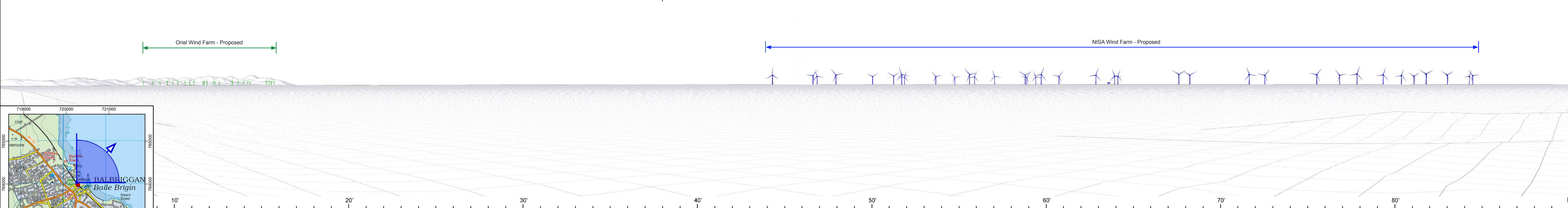
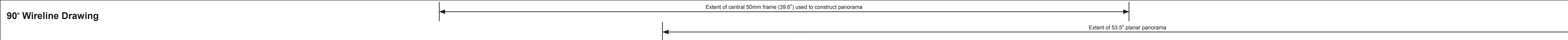
Project:
**North Irish Sea Array
Offshore Wind Farm**

Client:
NISA
North Irish Sea Array

LVIA Consultant:





90° Baseline Photograph



VP21 Baseline Photo and Wireline Balbriggan Beach (Fingal), Co. Dublin	Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	720247	Prepared by	NH	Project: North Irish Sea Array Offshore Wind Farm	Client: <div>NISA North Irish Sea Array</div>	LVIA Consultant: <div>macroworks APEM GROUP</div>
	Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	764035	Checked by	RB			
	Rotor Diameter	276.0 m	Field of View (H° x V°)	90.0 x 14.2	Elevation / Cam Ht	13.2 m	Status	Final			
	Blade Tip Height	316.0 m	Date / Time of Capture	21-Jul-21 - 13:17	Distance to Nearest	17.0 km	Date	May 2024			



View flat at a comfortable arm's length

VP21 Wireline Balbriggan Beach (Fingal), Co. Dublin	Turbine no. (Option 2)	35	Camera / Sensor	N/A	Easting (ITM)	720247	Created by	NH	Project: North Irish Sea Array Offshore Wind Farm Client: NISA <i>North Irish Sea Array</i> LVIA Consultant: 
	Hub Height	178.0 m	Lens	N/A	Northing (ITM)	764035	Checked by	RB	
	Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	13.2 m	Status	Final	
	Blade Tip Height	316.0 m	Date / Time of Capture	N/A	Distance to Nearest	17.0 km	Date	May 2024	



Photomontage - 53.5° - planar projection

View flat at a comfortable arm's length

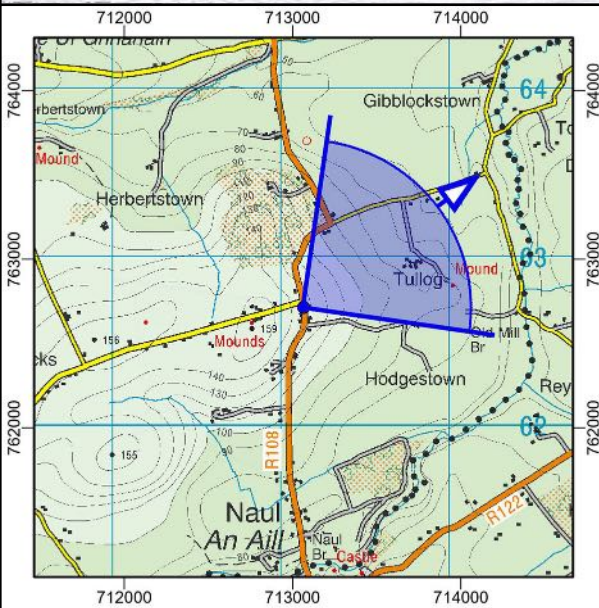
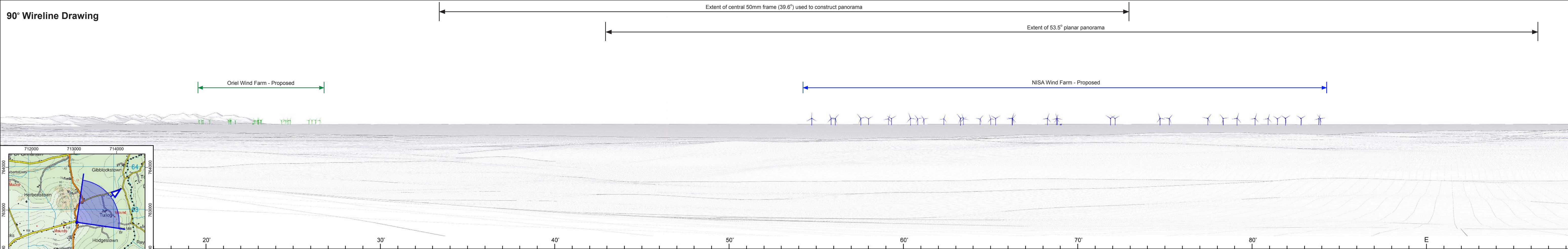
VP21 Photomontage
Balbriggan Beach (Fingal),
Co. Dublin


Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	720247	Created by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	764035	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	13.2 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	21-Jul-21 - 13:17	Distance to Nearest	17.0 km	Date	May 2024

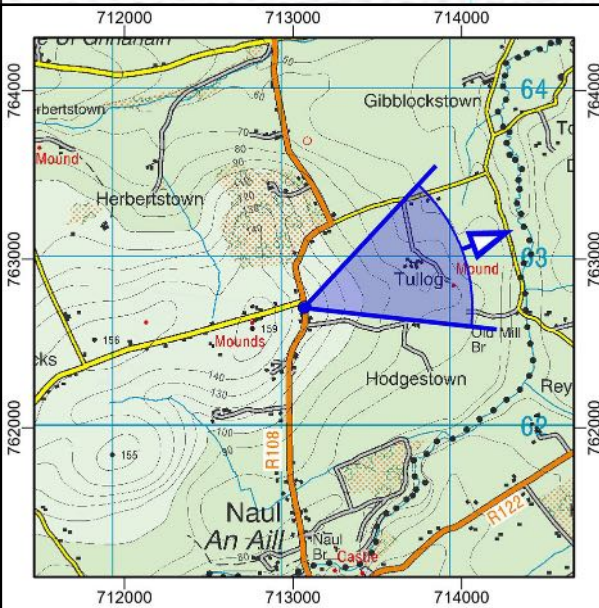
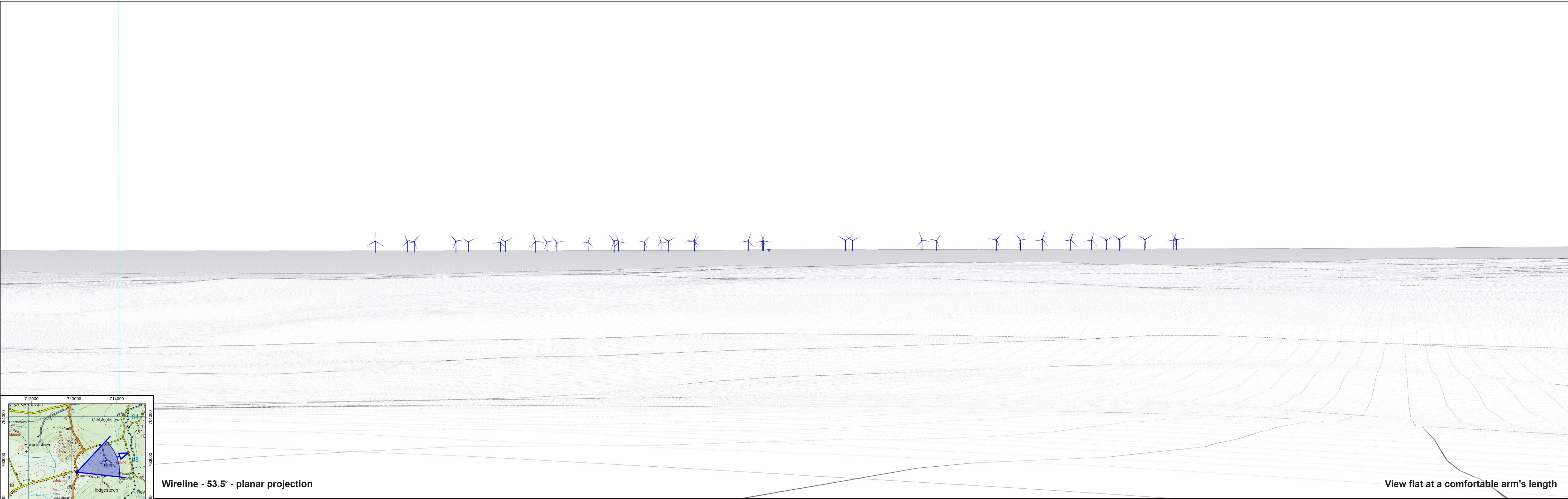
Project: North Irish Sea Array Offshore Wind Farm	Client: NISA <i>North Irish Sea Array</i>	LVIA Consultant: 
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90° Wireline Drawing



VP22 Baseline Photo and Wireline R108 at Snowtown, Co. Meath	Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	713065	Prepared by	NH	Project: North Irish Sea Array Offshore Wind Farm	Client: NISA North Irish Sea Array	LVIA Consultant: 
	Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	762714	Checked by	RB			
	Rotor Diameter	276.0 m	Field of View (H° x V°)	90.0 x 14.2	Elevation / Cam Ht	131.2 m	Status	Final			
	Blade Tip Height	316.0 m	Date / Time of Capture	18-Nov-22 - 13:34	Distance to Nearest	24.2 km	Date	May 2024			



Wireline - 53.5° - planar projection

View flat at a comfortable arm's length

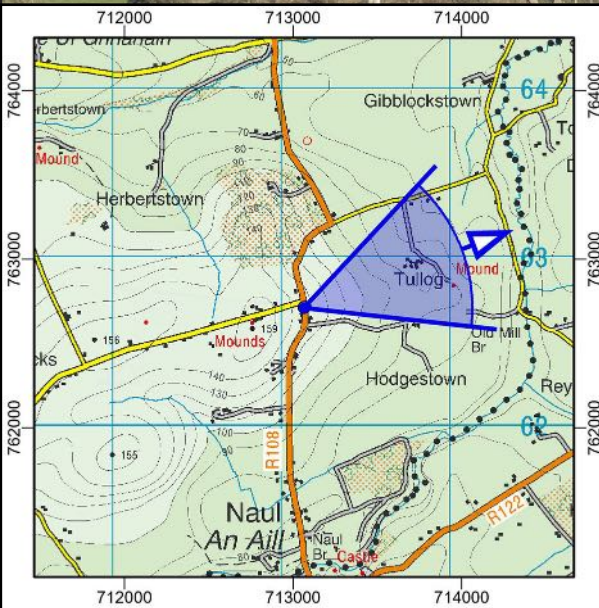
VP22 Wireline
R108 at Snowtown, Co. Meath

Turbine no. (Option 2)	35	Camera / Sensor	N/A	Easting (ITM)	713065	Created by	NH
Hub Height	178.0 m	Lens	N/A	Northing (ITM)	762714	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	131.2 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	N/A	Distance to Nearest	24.2 km	Date	May 2024

Project:
**North Irish Sea Array
Offshore Wind Farm**

Client:
NISA
North Irish Sea Array

LVIA Consultant:

Photomontage - 53.5° - planar projection

View flat at a comfortable arm's length

VP22 Photomontage
R108 at Snowtown, Co. Meath

Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	713065	Created by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	762714	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	131.2 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	18-Nov-22 - 13:34	Distance to Nearest	24.2 km	Date	May 2024

Project:
**North Irish Sea Array
Offshore Wind Farm**

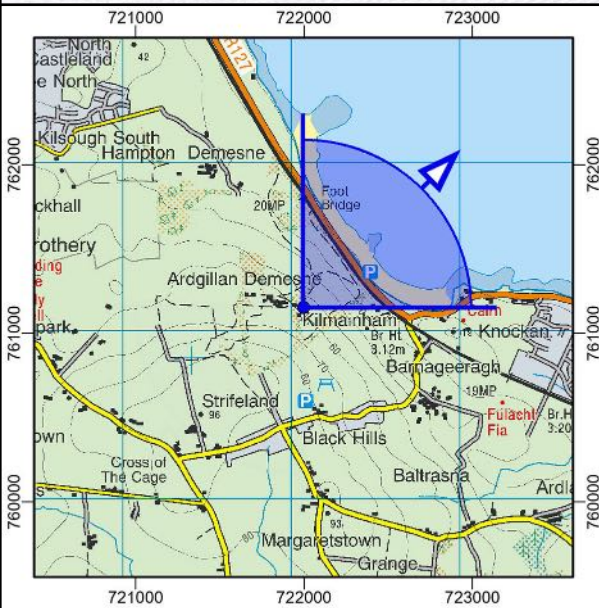
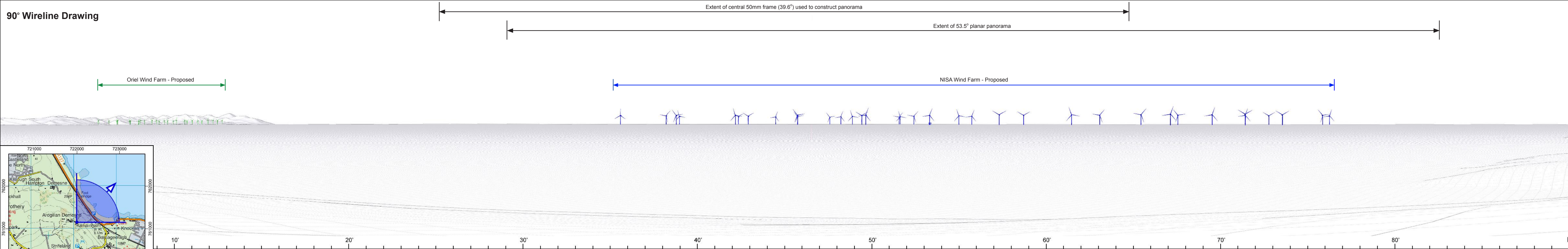
Client:
NISA
North Irish Sea Array

LVIA Consultant:




90° Baseline Photograph

90° Wireline Drawing



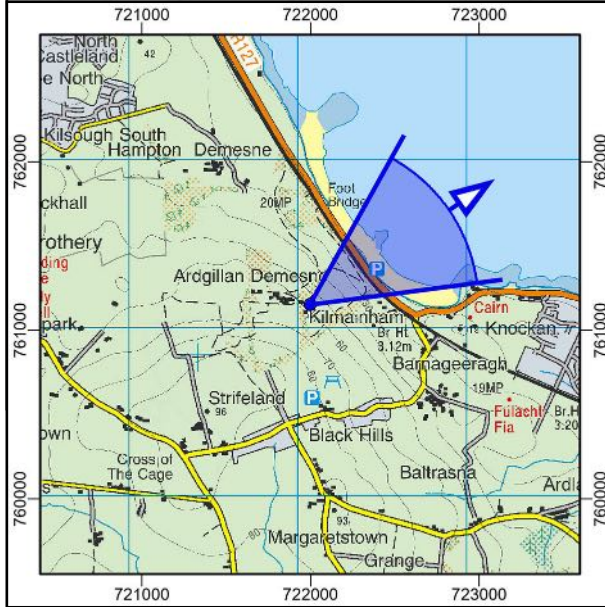
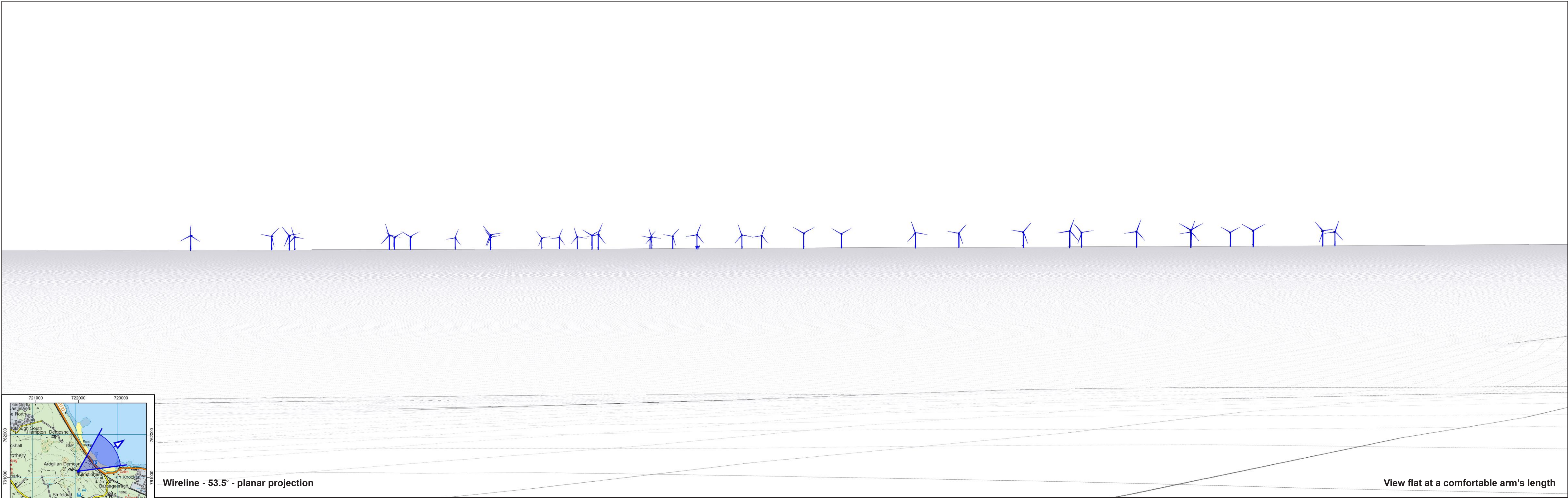
VP23 Baseline Photo and Wireline
Ardgillen Castle Grounds (Fingal),
Co. Dublin

Turbine no. (Option 2)	35	Camera / Sensor	Canon R5 / Full Frame	Easting (ITM)	721997	Prepared by	NH
Hub Height	178.0 m	Lens	50mm fixed	Northing (ITM)	761154	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	90.0 x 14.2	Elevation / Cam Ht	56.5 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	14-Apr-21 - 14:05	Distance to Nearest	16.2 km	Date	May 2024

Project:
North Irish Sea Array
Offshore Wind Farm

Client:
NISA
North Irish Sea Array

LVIA Consultant:

Wireline - 53.5° - planar projection

VP23 Wireline
Ardgillan Castle Grounds (Fingal),
Co. Dublin

Turbine no. (Option 2)	35	Camera / Sensor	N/A	Easting (ITM)	721997	Created by	NH
Hub Height	178.0 m	Lens	N/A	Northing (ITM)	761154	Checked by	RB
Rotor Diameter	276.0 m	Field of View (H° x V°)	53.5 x 18.2	Elevation / Cam Ht	56.5 m	Status	Final
Blade Tip Height	316.0 m	Date / Time of Capture	N/A	Distance to Nearest	16.2 km	Date	May 2024

Project:
North Irish Sea Array
Offshore Wind Farm

Client:
NISA
North Irish Sea Array

LVIA Consultant: