Cush Wind Farm

Photomontages and ZTV Maps

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GALETECH ENERGY SERVICES

Date:	Rev:	Description:	Drawn By:

Agent Address:

Galetech Energy Services,
Clondargan,
Stradone,
Co. Cavan

Client:

Cush Wind Limited

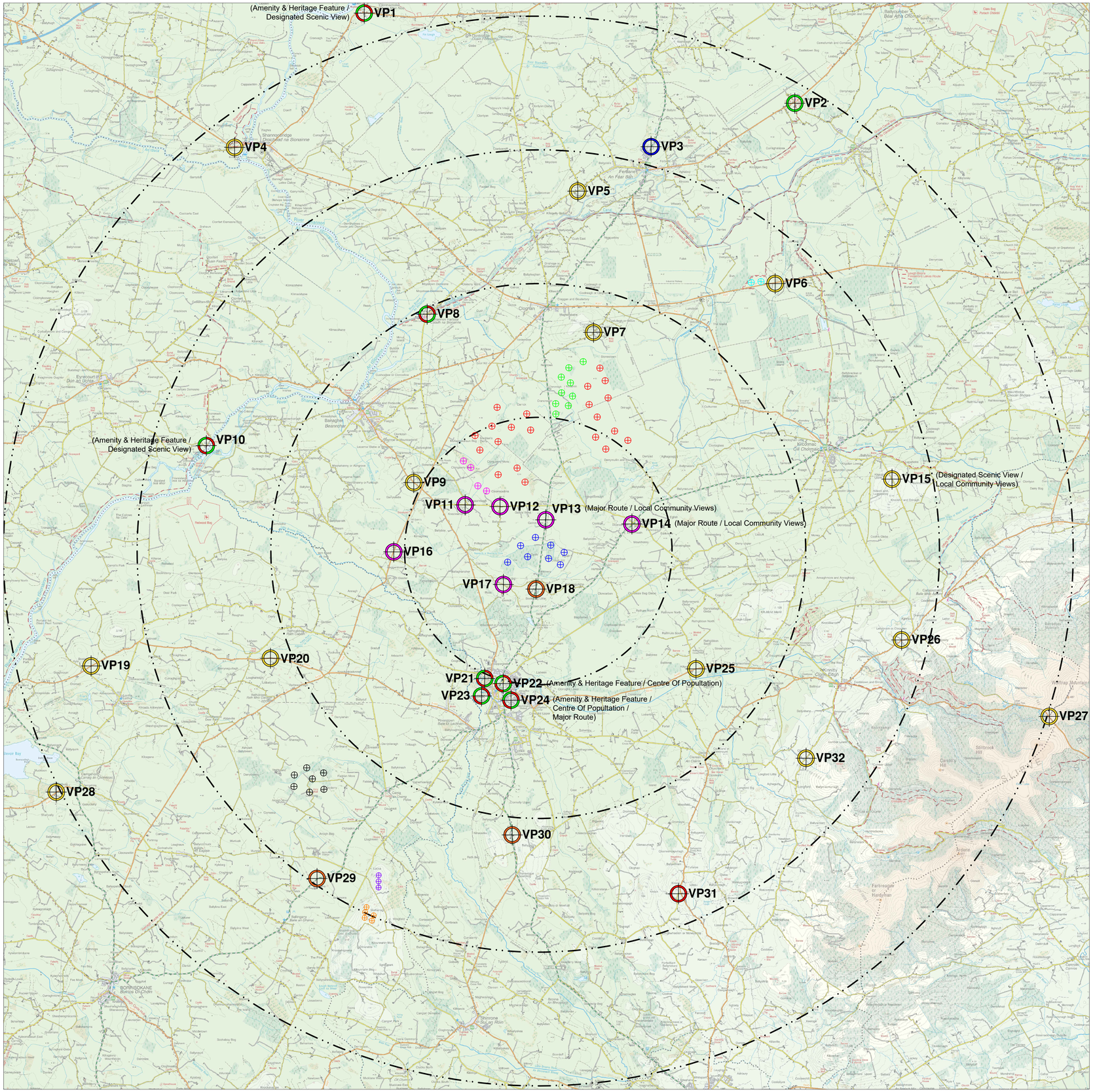
Job Title:

Cush Wind Farm

Drawing Title:

Drawing No.:	Revision No.:
	0
Scale:	**Date:**
	27/11/2023

Drawn By:	Checked By:	Confirmed By:
J.B.	C.M.P.	D.O.



Description:
Location of Viewshed Reference Points for the proposed Wind Farm.

A photomontage was prepared from each Viewshed Reference Point.

Legend:

- Amenity & Heritage Feature Viewshed Reference Point
- Amenity Feature Viewshed Reference Point
- Local Community Viewshed Reference Point
- Center of Populaton Viewshed Reference Point
- Designated Scenic Viewshed Reference Point
- Major Route Viewshed Reference Point
- Heritage Feature Viewshed Reference Point
- Proposed Cush Wind Farm
- Consented Derrinlough Wind Farm
- Existing Cloghan Wind Farm
- Existing Meenwaun Wind Farm
- Existing Leabeg Wind Farm
- Existing Skehanagh Wind Farm
- Existing Carrig Wind Farm
- Proposed Carrig Renewables Wind Farm

Date:	Rev:	Description:	Drawn By:

Prepared by:

GALETECH ENERGY SERVICES

Galetech Energy Services,
Clondargan,
Stradone,
Co. Cavan

Client:

Cush Wind Limited

Job Title:

Cush Wind Farm

Drawing Title:

Figure 1: Location of Viewpoints

Drawing No.:	Revision No.:
CUS001_PAS_PHO_01	0
Scale:	**Date:**
(A1) 1:75,000	27/11/2023

Drawn By:	Checked By:	Confirmed By:
J.B.	C.M.P.	D.O.

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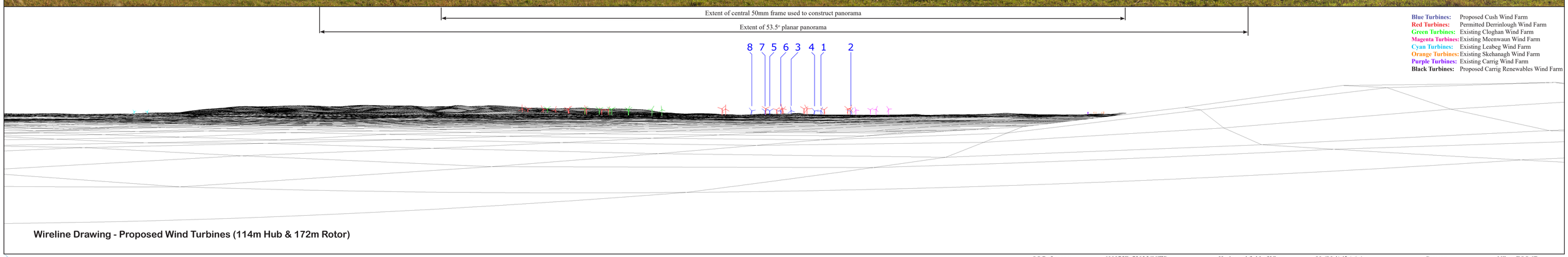

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Figure 3:
Viewpoint 1 - Photomontage & Wireline

OS Reference:	600975E, 730356N (ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	52m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	162 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	20,614m to T3			Date & Time:	26/10/2022 17:02

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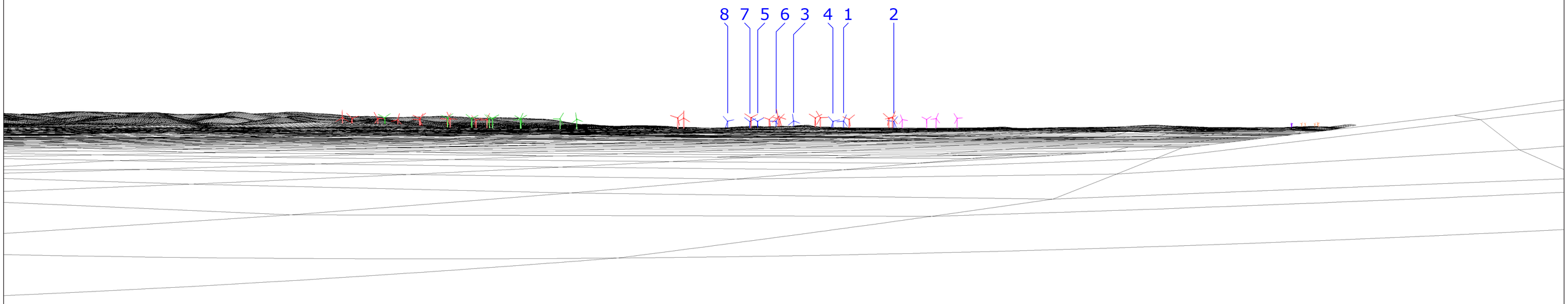
Figure 3:
Viewpoint 1 - Photomontage & Wireline

OS Reference:	600975E, 730356N (ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	52m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	162 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	20,614m to T3			Date & Time:	26/10/2022 17:02

Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
Orange Turbines: Existing Skehanagh Wind Farm
Purple Turbines: Existing Carrig Wind Farm
Black Turbines: Proposed Carrig Renewables Wind Farm



Wireline Drawing - Proposed Wind Turbines (114m Hub & 172m Rotor)

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Figure 4:
Viewpoint 1 - Wireline

OS Reference:	600975E, 730356N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	52m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	162 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	20,614m to T3			Date & Time:	26/10/2022 17:02

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Figure 5:
Viewpoint 1 - Photomontage

OS Reference:	600975E, 730356N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	52m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	162 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	20,614m to T3			Date & Time:	26/10/2022 17:02

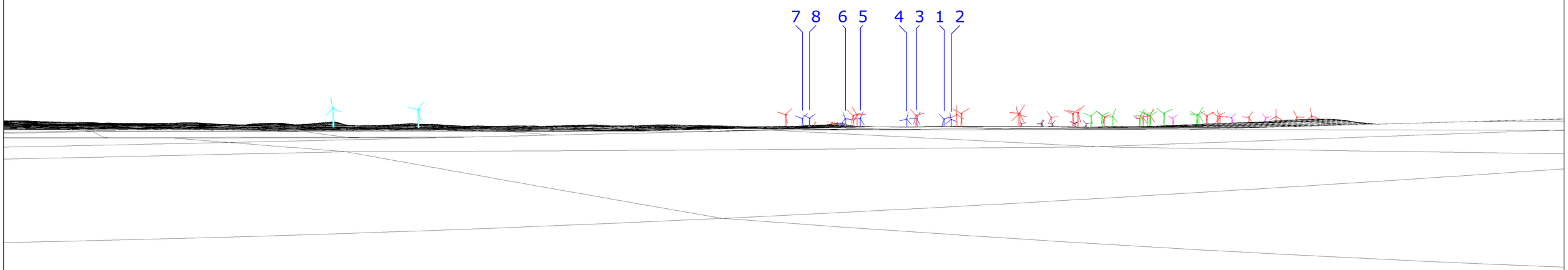
Figure 6:
Viewpoint 2 - Baseline Photograph & Wireline

OS Reference:	617068E, 726990N (ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	56m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	206 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	18,887m to T5			Date & Time:	09/11/2022 15:44

Figure 7:
Viewpoint 2 - Photomontage & Wireline

OS Reference:	617068E, 726990N (ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	56m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	206 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	18,887m to T5			Date & Time:	09/11/2022 15:44

Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
Orange Turbines: Existing Skehanagh Wind Farm
Purple Turbines: Existing Carrig Wind Farm
Black Turbines: Proposed Carrig Renewables Wind Farm



Wireline Drawing - Proposed Wind Turbines (114m Hub & 172m Rotor)

Figure 8:
Viewpoint 2 - Wireline

OS Reference:	617068E, 726990N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	56m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	206 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	18,887m to T5			Date & Time:	09/11/2022 15:44

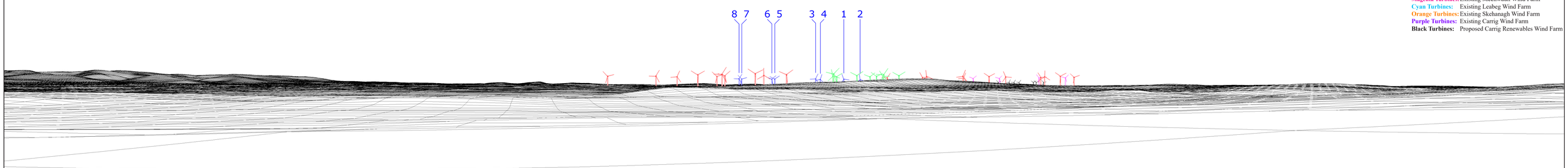
Figure 9:
Viewpoint 2 - Photomontage

OS Reference:	617068E, 726990N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	56m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	206 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	18,887m to T5			Date & Time:	09/11/2022 15:44

Extent of central 50mm frame used to construct panorama

Extent of 53.5° planar panorama

Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
Orange Turbines: Existing Skehanagh Wind Farm
Purple Turbines: Existing Carrig Wind Farm
Black Turbines: Proposed Carrig Renewables Wind Farm

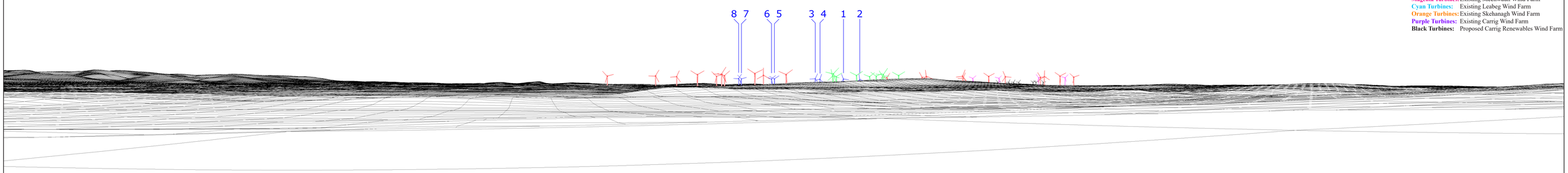


Wireline Drawing - Proposed Wind Turbines (114m Hub & 172m Rotor)

Figure 10:
Viewpoint 3 - Baseline Photograph & Wireline

OS Reference:	611680E, 725381N (ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	71m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	195 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	15,256m to T3			Date & Time:	09/11/2022 16:18

Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
Orange Turbines: Existing Skehanagh Wind Farm
Purple Turbines: Existing Carrig Wind Farm
Black Turbines: Proposed Carrig Renewables Wind Farm

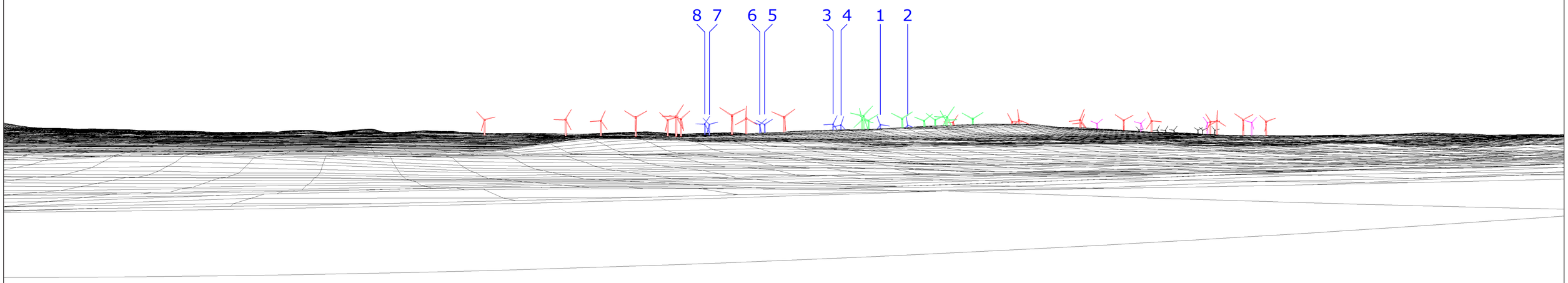


Wireline Drawing - Proposed Wind Turbines (114m Hub & 172m Rotor)

Figure 11:
Viewpoint 3 - Photomontage & Wireline

OS Reference:	611680E, 725381N (ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	71m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	195 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	15,256m to T3			Date & Time:	09/11/2022 16:18

Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
Orange Turbines: Existing Skehanagh Wind Farm
Purple Turbines: Existing Carrig Wind Farm
Black Turbines: Proposed Carrig Renewables Wind Farm



Wireline Drawing - Proposed Wind Turbines (114m Hub & 172m Rotor)

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Figure 12:
Viewpoint 3 - Wireline

OS Reference:	611680E, 725381N(ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	71m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	195 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	15,256m to T3			Date & Time:	09/11/2022 16:18

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Figure 13:
Viewpoint 3 - Photomontage

OS Reference:	611680E, 725381N(ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	71m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	195 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	15,256m to T3			Date & Time:	09/11/2022 16:18

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Figure 14:
Viewpoint 4 - Baseline Photograph & Wireline

OS Reference:	596104E, 725345N(ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	47m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	148 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	18,339m to T1			Date & Time:	26/10/2022 16:28

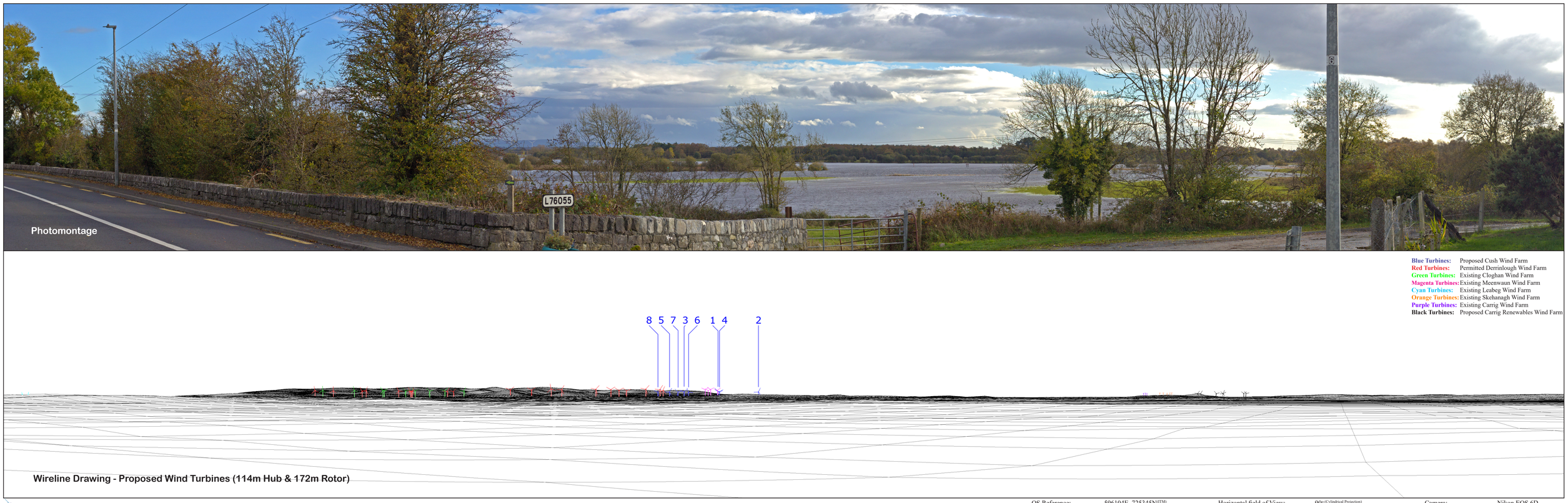

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Figure 15:
Viewpoint 4 - Photomontage & Wireline

OS Reference:	596104E, 725345N(ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	47m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	148 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	18,339m to T1			Date & Time:	26/10/2022 16:28

Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
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Purple Turbines: Existing Carrig Wind Farm
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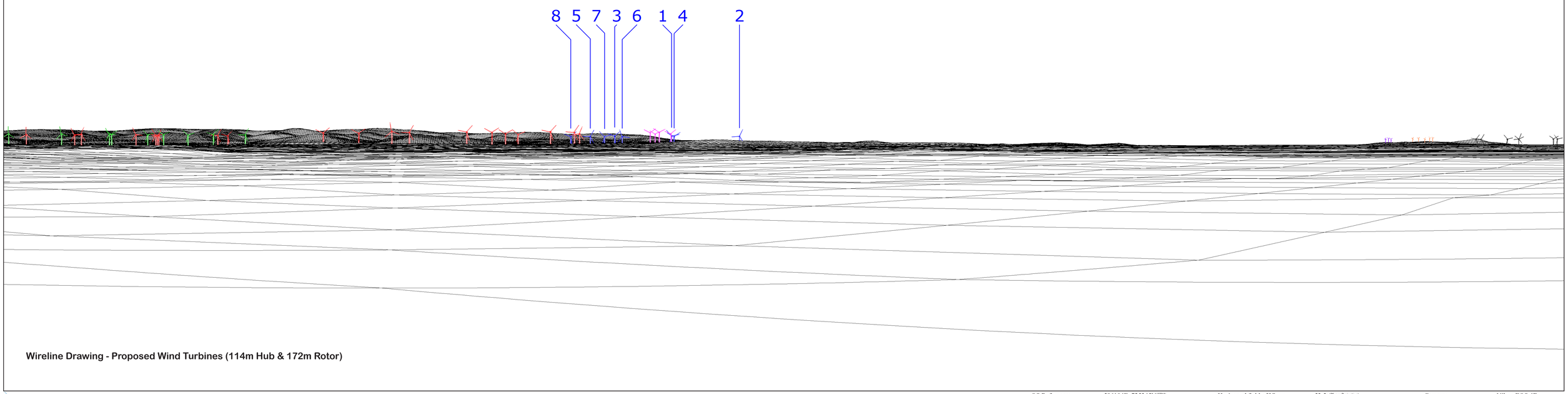

Wireline Drawing - Proposed Wind Turbines (114m Hub & 172m Rotor)

Figure 16:
Viewpoint 4 - Wireline

OS Reference:	596104E, 725345N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	47m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	148 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	18,339m to T1			Date & Time:	26/10/2022 16:28

Figure 17:
Viewpoint 4 - Photomontage

OS Reference:	596104E, 725345N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	47m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	148 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	18,339m to T1			Date & Time:	26/10/2022 16:28

Extent of central 50mm frame used to construct panorama

Extent of 53.5° planar panorama

Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
Orange Turbines: Existing Skehanagh Wind Farm
Purple Turbines: Existing Carrig Wind Farm
Black Turbines: Proposed Carrig Renewables Wind Farm

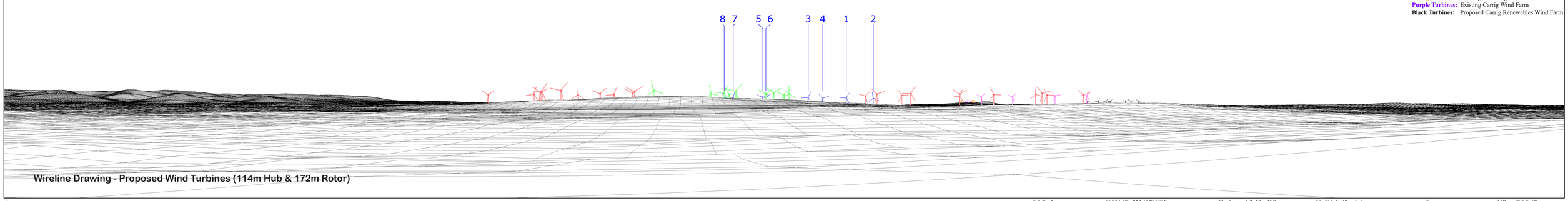

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Figure 18:
Viewpoint 5 - Baseline Photograph & Wireline

OS Reference:	608916E, 723697N(ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	73m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	186 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	13,039m to T3			Date & Time:	09/11/2022 16:49

Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
Orange Turbines: Existing Skehanagh Wind Farm
Purple Turbines: Existing Carrig Wind Farm
Black Turbines: Proposed Carrig Renewables Wind Farm

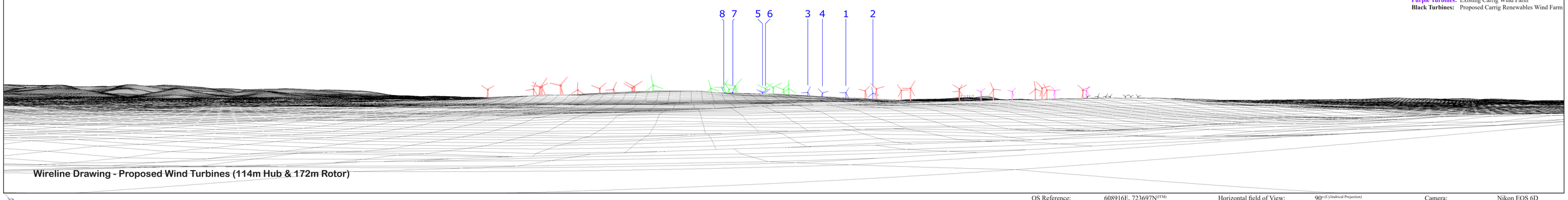

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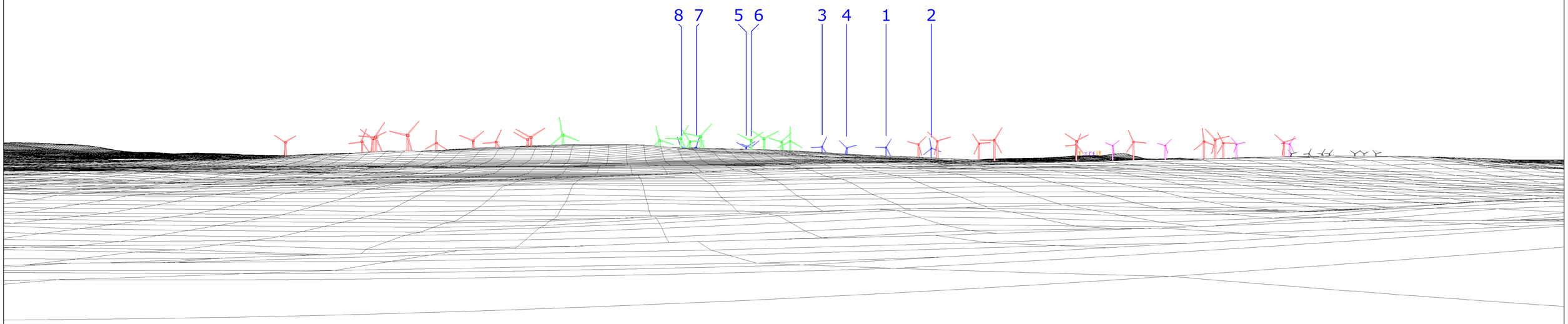
Figure 19:
Viewpoint 5 - Photomontage & Wireline

OS Reference:	608916E, 723697N(ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	73m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	186 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	13,039m to T3			Date & Time:	09/11/2022 16:49

Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
Orange Turbines: Existing Skehanagh Wind Farm
Purple Turbines: Existing Carrig Wind Farm
Black Turbines: Proposed Carrig Renewables Wind Farm



Wireline Drawing - Proposed Wind Turbines (114m Hub & 172m Rotor)

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Figure 20:
Viewpoint 5 - Wireline

OS Reference:	608916E, 723697N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	73m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	186 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	13,039m to T3			Date & Time:	09/11/2022 16:49

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Figure 21:
Viewpoint 5 - Photomontage

OS Reference:	608916E, 723697N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	73m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	186 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	13,039m to T3			Date & Time:	09/11/2022 16:49

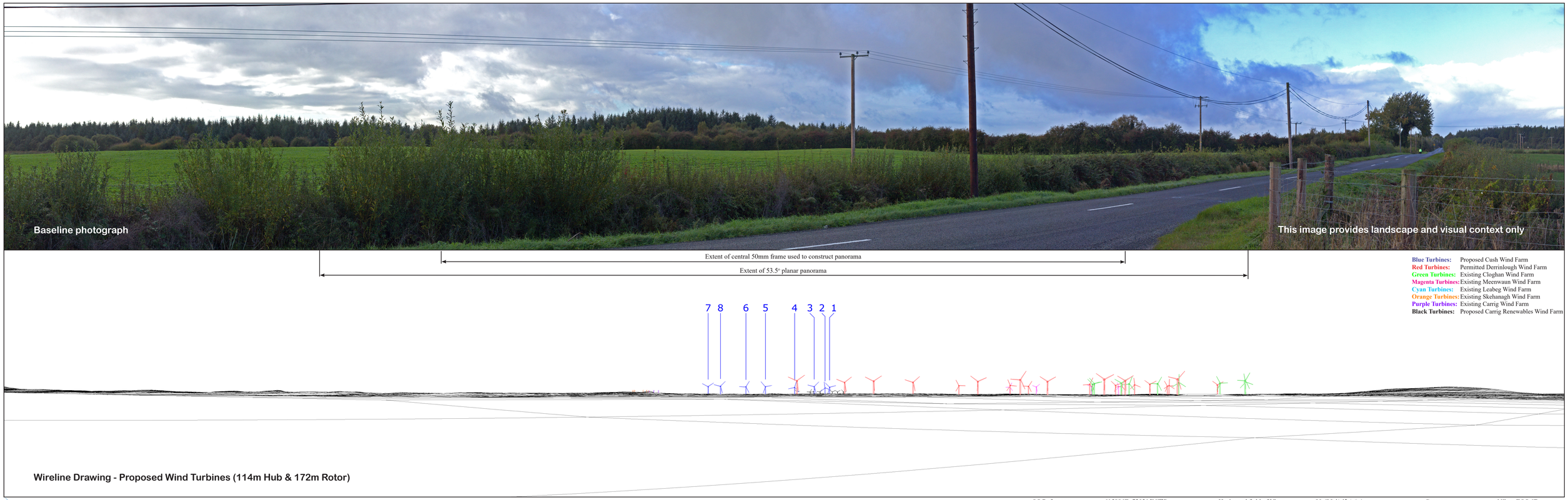


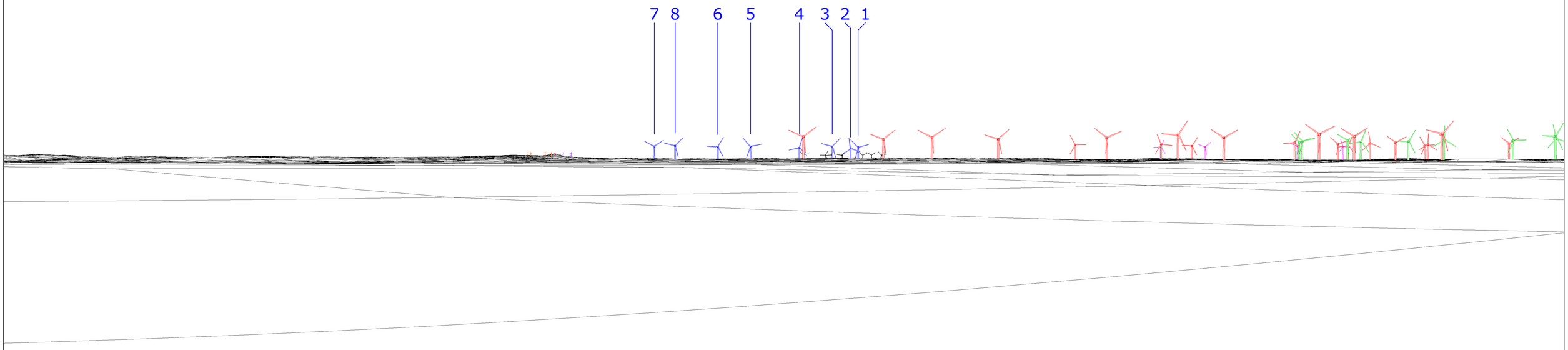
Figure 22:
Viewpoint 6 - Baseline Photograph & Wireline

OS Reference:	615886E, 720215N(ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	55m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	220 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	12,492m to T8			Date & Time:	14/10/2022 10:33

Figure 23:
Viewpoint 6 - Photomontage & Wireline

OS Reference:	615886E, 720215N(ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	55m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	220 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	12,492m to T8			Date & Time:	14/10/2022 10:33

Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
Orange Turbines: Existing Skehanagh Wind Farm
Purple Turbines: Existing Carrig Wind Farm
Black Turbines: Proposed Carrig Renewables Wind Farm



Wireline Drawing - Proposed Wind Turbines (114m Hub & 172m Rotor)

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Figure 24:
Viewpoint 6 - Wireline

OS Reference:	615886E, 720215N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	55m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	220 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	12,492m to T8			Date & Time:	14/10/2022 10:33

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Figure 25:
Viewpoint 6 - Photomontage

OS Reference:	615886E, 720215N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	55m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	220 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	12,492m to T8			Date & Time:	14/10/2022 10:33

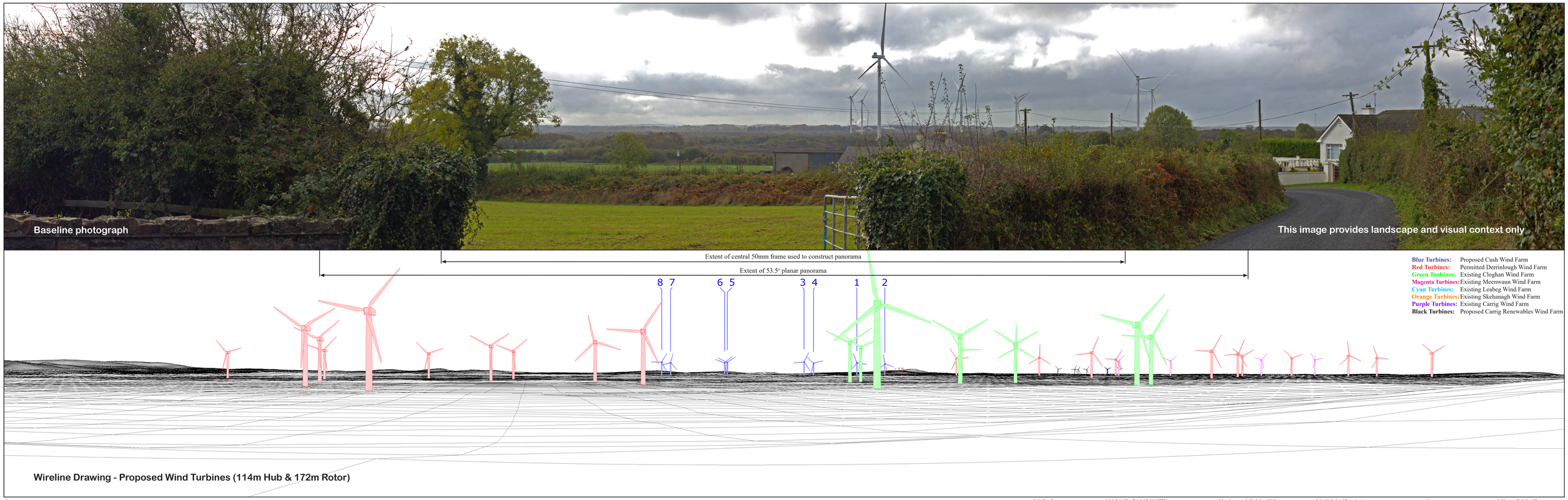

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Figure 26:
Viewpoint 7 - Baseline Photograph & Wireline

OS Reference:	609544E, 718439N (ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	78m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	195 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	7,993m to T3			Date & Time:	20/10/2022 11:42

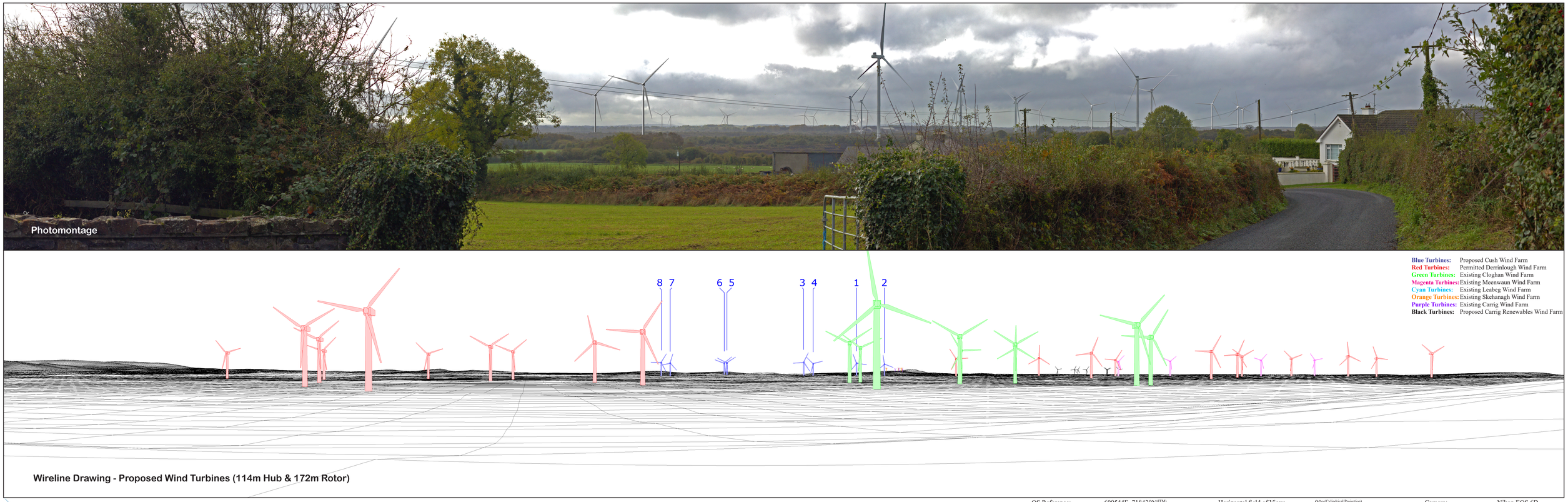

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Figure 27:
Viewpoint 7 - Photomontage & Wireline

OS Reference:	609544E, 718439N (ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	78m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	195 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	7,993m to T3			Date & Time:	20/10/2022 11:42

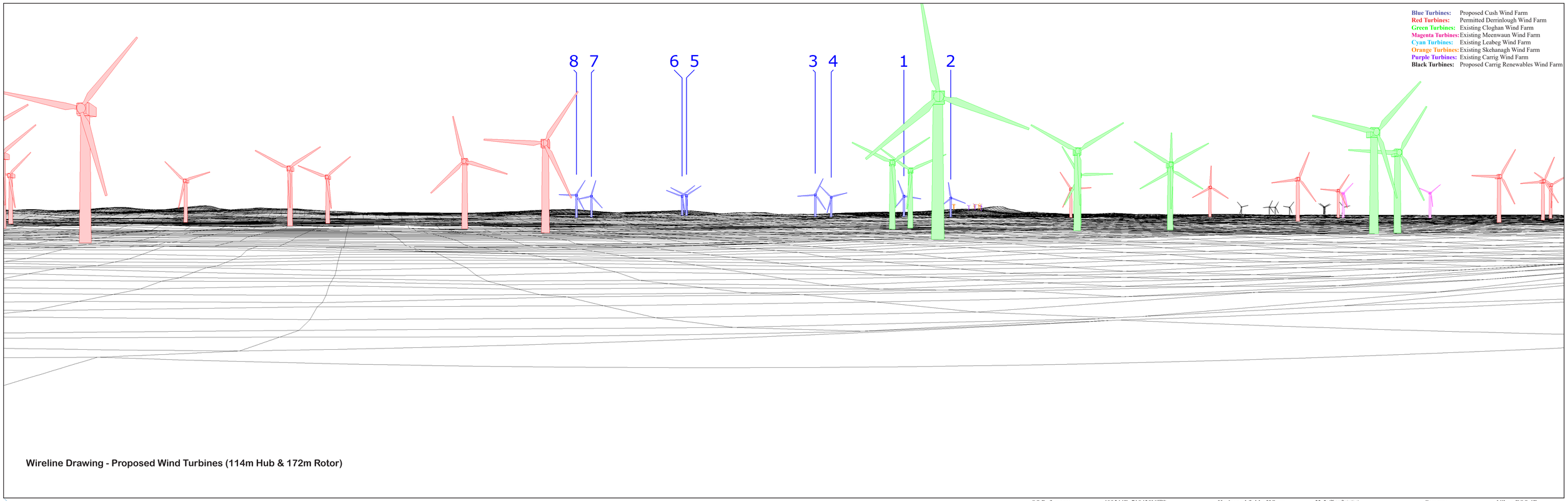


Figure 28:
Viewpoint 7 - Wireline

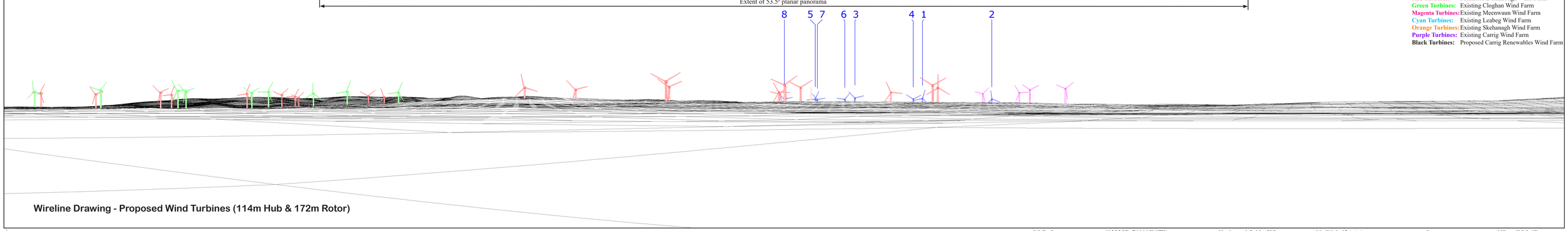
OS Reference:	609544E, 718439N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	78m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	195 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	7,993m to T3			Date & Time:	20/10/2022 11:42

Figure 29:
Viewpoint 7 - Photomontage

OS Reference:	609544E, 718439N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	78m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	195 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	7,993m to T3			Date & Time:	20/10/2022 11:42

Extent of central 50mm frame used to construct panorama

Extent of 53.5° planar panorama



Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
Orange Turbines: Existing Skehanagh Wind Farm
Purple Turbines: Existing Carrig Wind Farm
Black Turbines: Proposed Carrig Renewables Wind Farm

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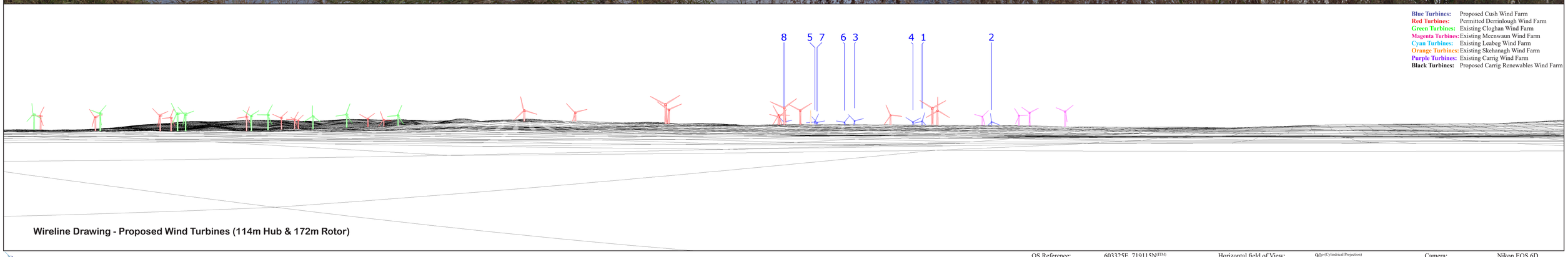
Figure 30:
Viewpoint 8 - Baseline Photograph & Wireline

OS Reference:	603325E, 719115N (ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	38m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	150 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	9,281m to T3			Date & Time:	26/10/2022 15:57



Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
Orange Turbines: Existing Skehanagh Wind Farm
Purple Turbines: Existing Carrig Wind Farm
Black Turbines: Proposed Carrig Renewables Wind Farm

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Figure 31:
Viewpoint 8 - Photomontage & Wireline

OS Reference:	603325E, 719115N (ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	38m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	150 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	9,281m to T3			Date & Time:	26/10/2022 15:57

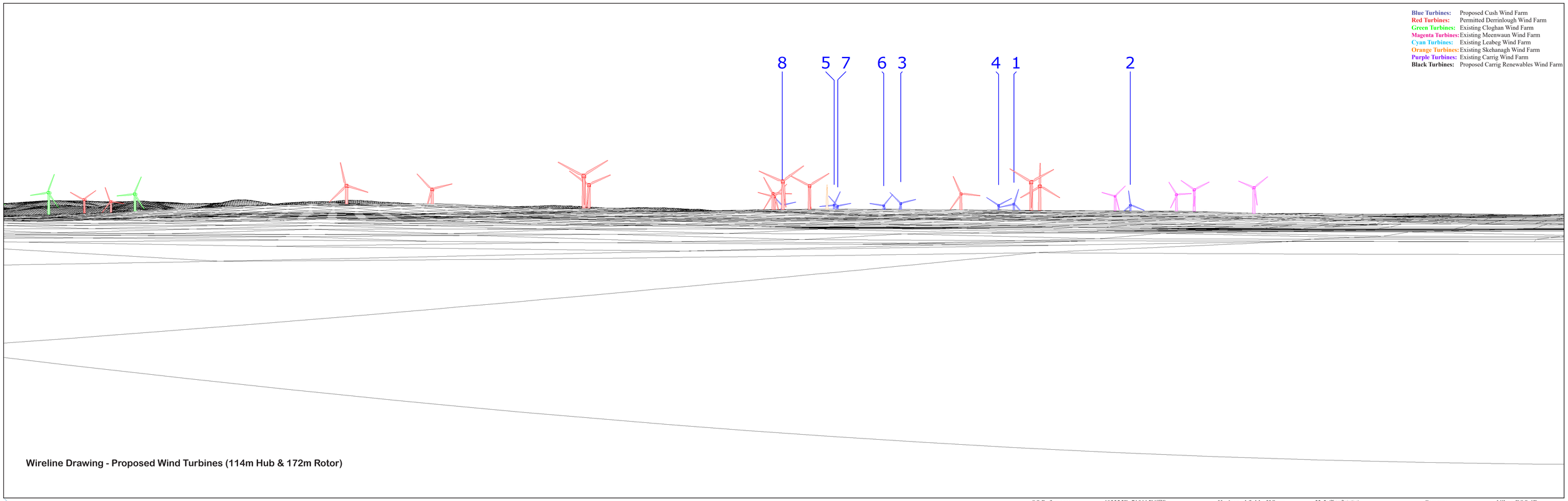


Figure 32:
Viewpoint 8 - Wireline

OS Reference:	603325E, 719115N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	38m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	150 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	9,281m to T3			Date & Time:	26/10/2022 15:57

Figure 33:
Viewpoint 8 - Photomontage

OS Reference:	603325E, 719115N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	38m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	150 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	9,281m to T3			Date & Time:	26/10/2022 15:57

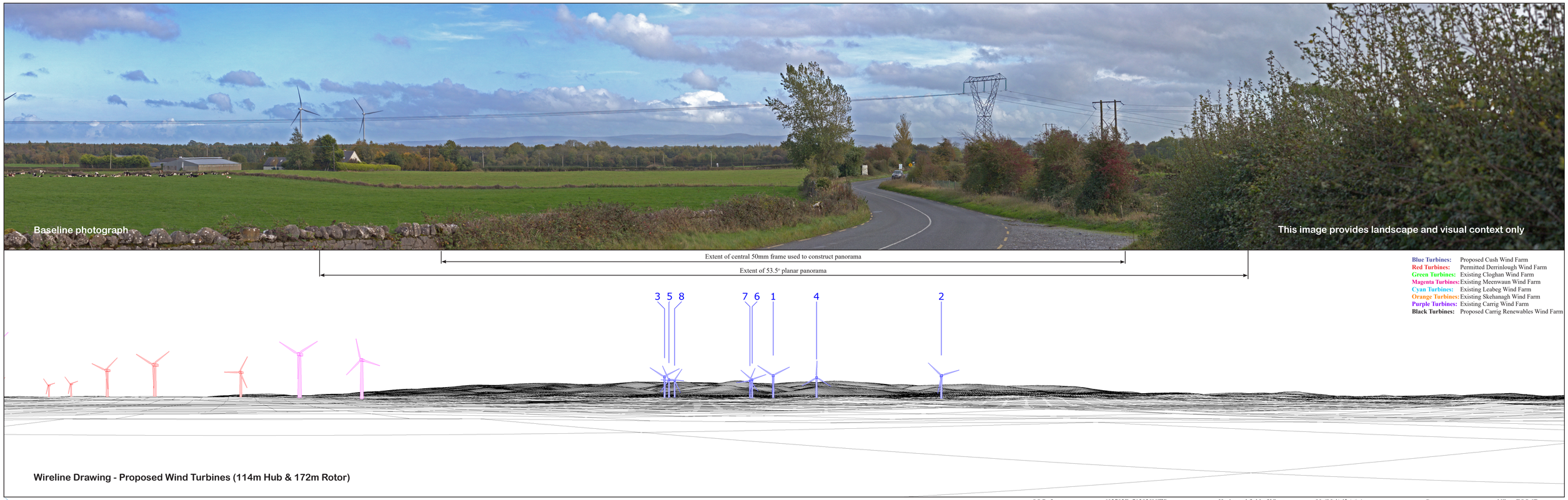


Figure 34:
Viewpoint 9 - Baseline Photograph & Wireline

OS Reference:	602782E, 712829N(ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	58m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	121 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	4,632m to T2			Date & Time:	20/10/2022 15:59

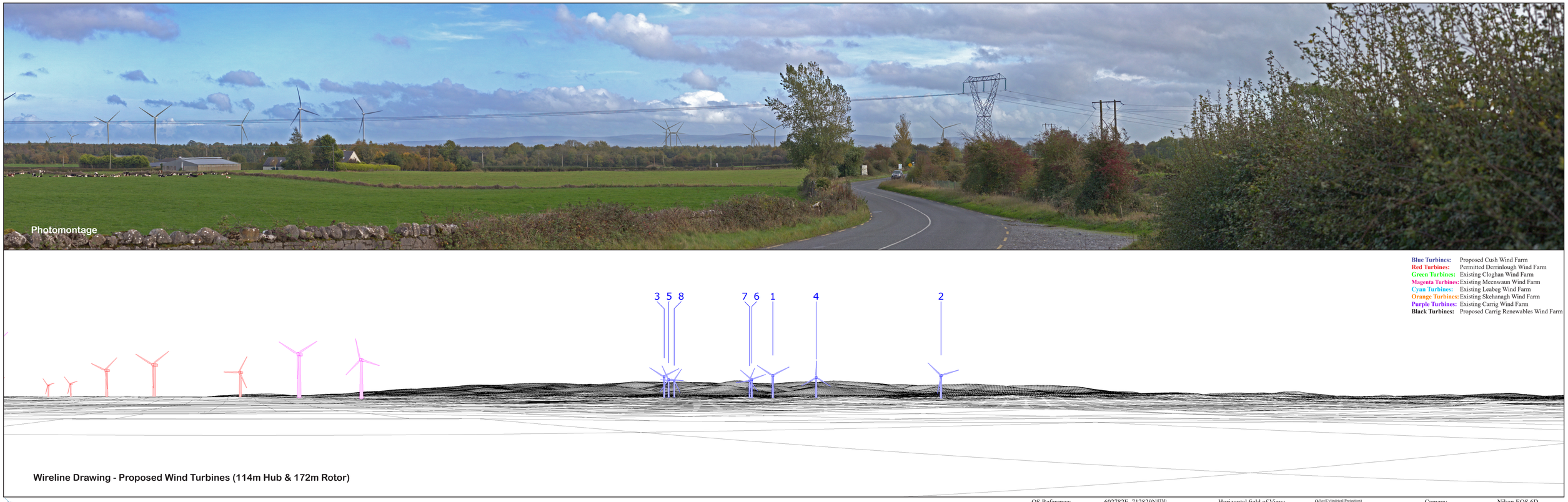


Figure 35:
Viewpoint 9 - Photomontage & Wireline

OS Reference:	602782E, 712829N(ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	58m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	121 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	4,632m to T2			Date & Time:	20/10/2022 15:59

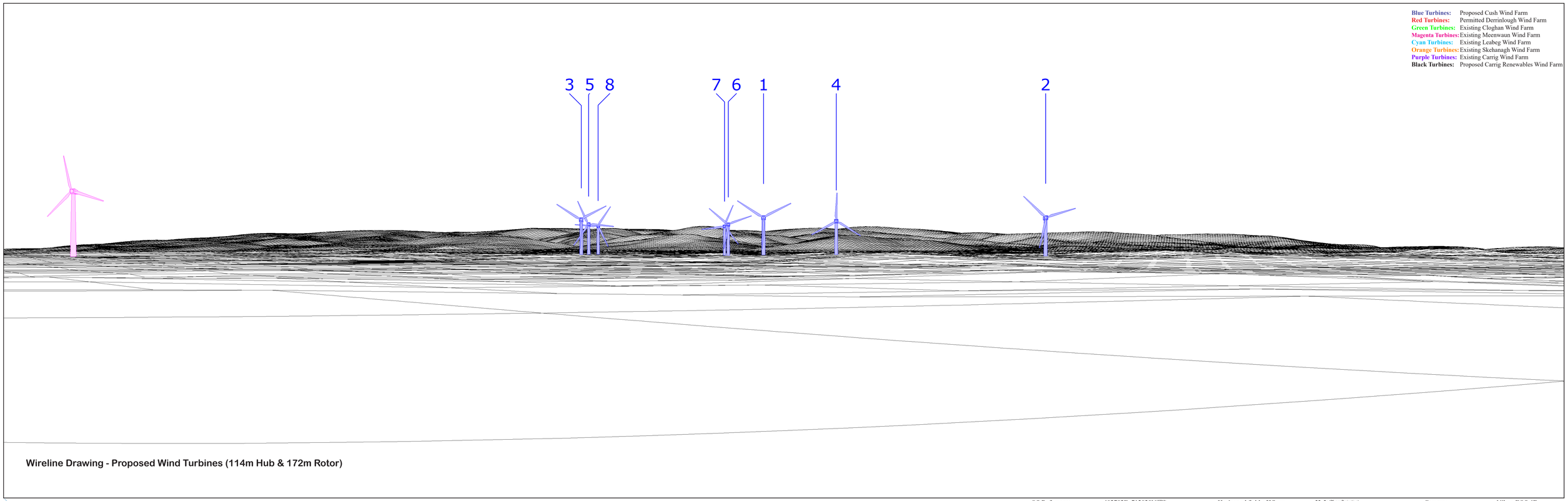


Figure 36:
Viewpoint 9 - Wireline

OS Reference:	602782E, 712829N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	58m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	121 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	4,632m to T2			Date & Time:	20/10/2022 15:59

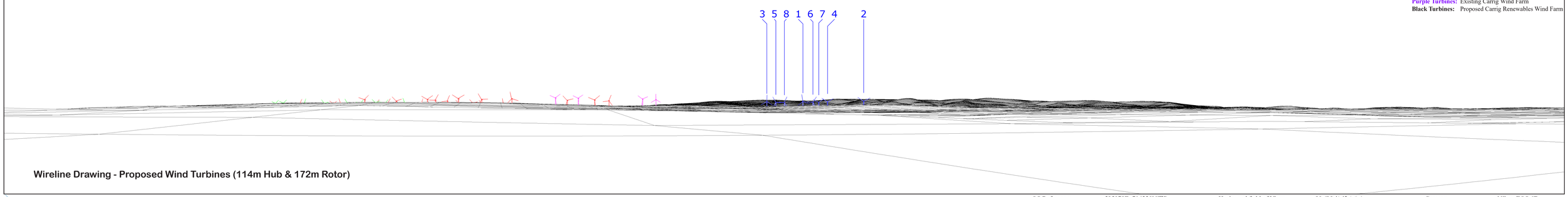
Figure 37:
Viewpoint 9 - Photomontage

OS Reference:	602782E, 712829N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	58m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	121 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	4,632m to T2			Date & Time:	20/10/2022 15:59

Extent of central 50mm frame used to construct panorama

Extent of 53.5° planar panorama

Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
Orange Turbines: Existing Skehanagh Wind Farm
Purple Turbines: Existing Carrig Wind Farm
Black Turbines: Proposed Carrig Renewables Wind Farm

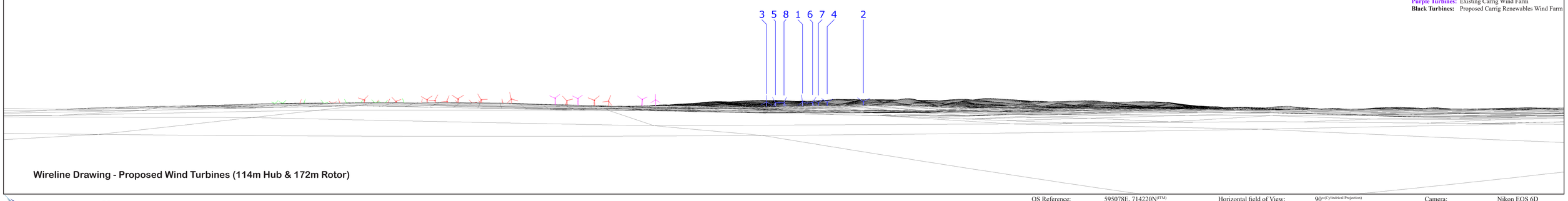


Wireline Drawing - Proposed Wind Turbines (114m Hub & 172m Rotor)

Figure 38:
Viewpoint 10 - Baseline Photograph & Wireline

OS Reference:	595078E, 714220N(ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	37m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	106 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	12,061m to T2			Date & Time:	20/10/2022 15:21

Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
Orange Turbines: Existing Skehanagh Wind Farm
Purple Turbines: Existing Carrig Wind Farm
Black Turbines: Proposed Carrig Renewables Wind Farm



Wireline Drawing - Proposed Wind Turbines (114m Hub & 172m Rotor)

Figure 39:
Viewpoint 10 - Photomontage & Wireline

OS Reference:	595078E, 714220N(ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	37m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	106 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	12,061m to T2			Date & Time:	20/10/2022 15:21

Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
Orange Turbines: Existing Skehanagh Wind Farm
Purple Turbines: Existing Carrig Wind Farm
Black Turbines: Proposed Carrig Renewables Wind Farm

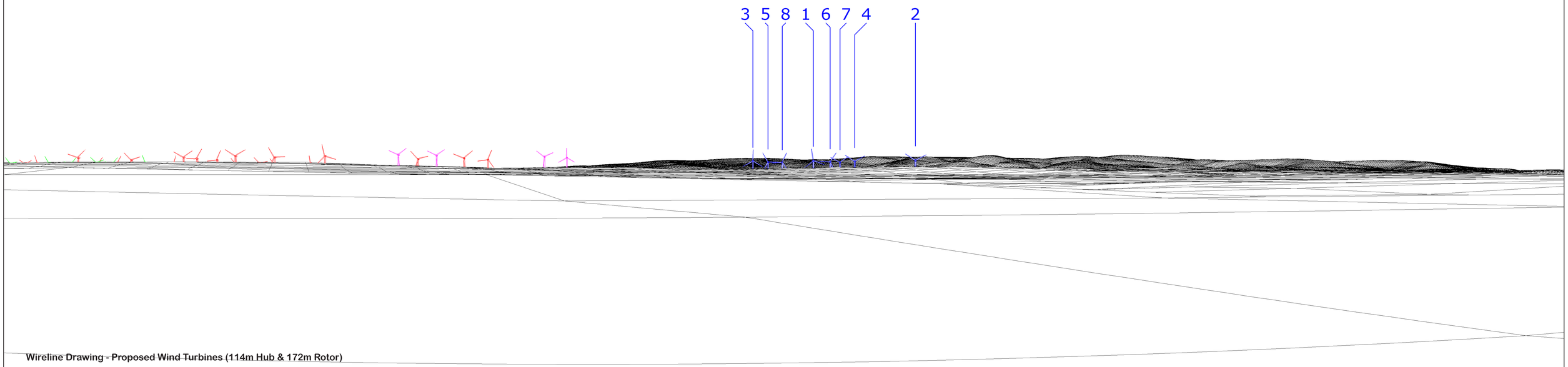


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Figure 40:
Viewpoint 10 - Wireline

OS Reference:	595078E, 714220N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	37m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	106 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	12,061m to T2			Date & Time:	20/10/2022 15:21

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Figure 41:
Viewpoint 10 - Photomontage

OS Reference:	595078E, 714220N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	37m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	106 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	12,061m to T2			Date & Time:	20/10/2022 15:21

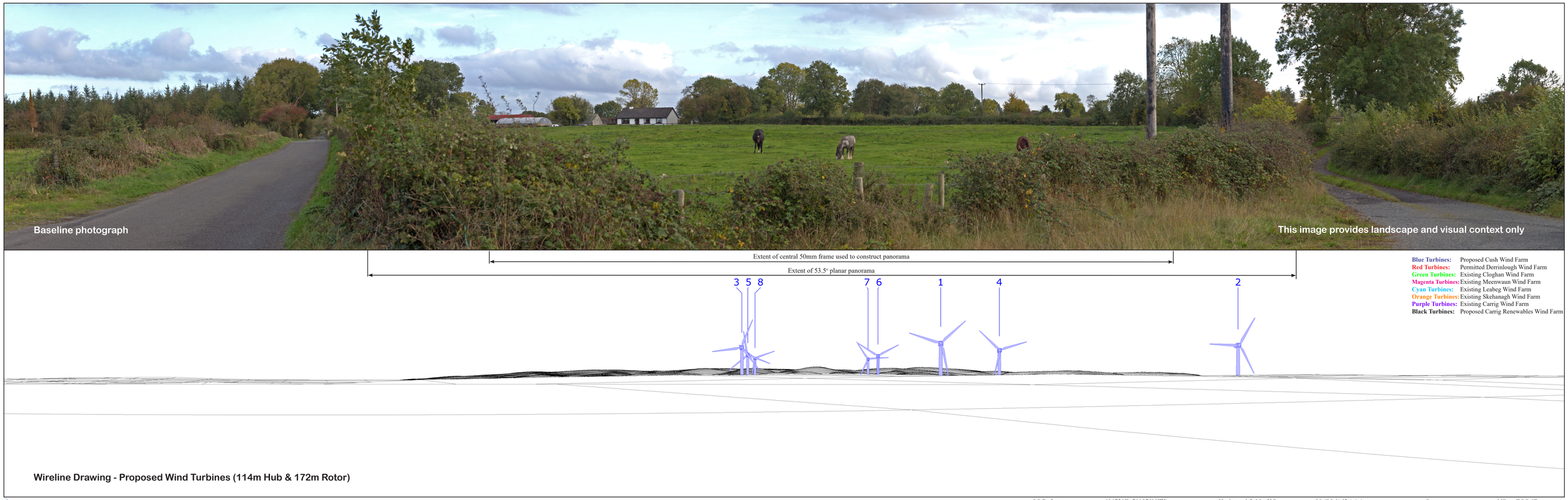
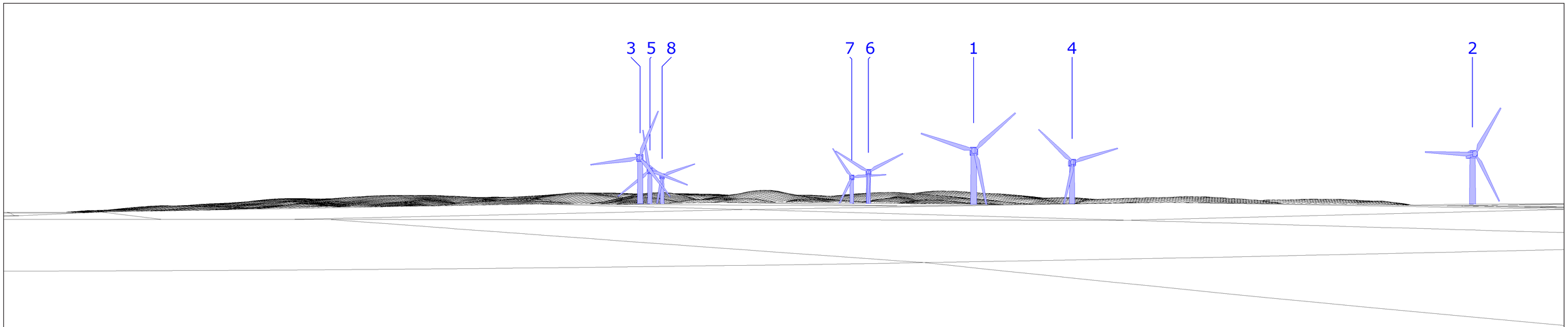


Figure 42:
Viewpoint 11 - Baseline Photograph & Wireline

OS Reference:	604721E, 711970N(ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	52m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	117 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	2,575m to T1			Date & Time:	20/10/2022 16:14

Figure 43:
Viewpoint 11 - Photomontage & Wireline

OS Reference:	604721E, 711970N(ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	52m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	117 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	2,575m to T1			Date & Time:	20/10/2022 16:14



Wireline Drawing - Proposed Wind Turbines (114m Hub & 172m Rotor)

Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
Orange Turbines: Existing Skehanagh Wind Farm
Purple Turbines: Existing Carrig Wind Farm
Black Turbines: Proposed Carrig Renewables Wind Farm

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Figure 44:
Viewpoint 11 - Wireline

OS Reference:	604721E, 711970N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	52m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	117 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	2,575m to T1			Date & Time:	20/10/2022 16:14

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Figure 45:
Viewpoint 11 - Photomontage

OS Reference:	604721E, 711970N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	52m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	117 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	2,575m to T1			Date & Time:	20/10/2022 16:14

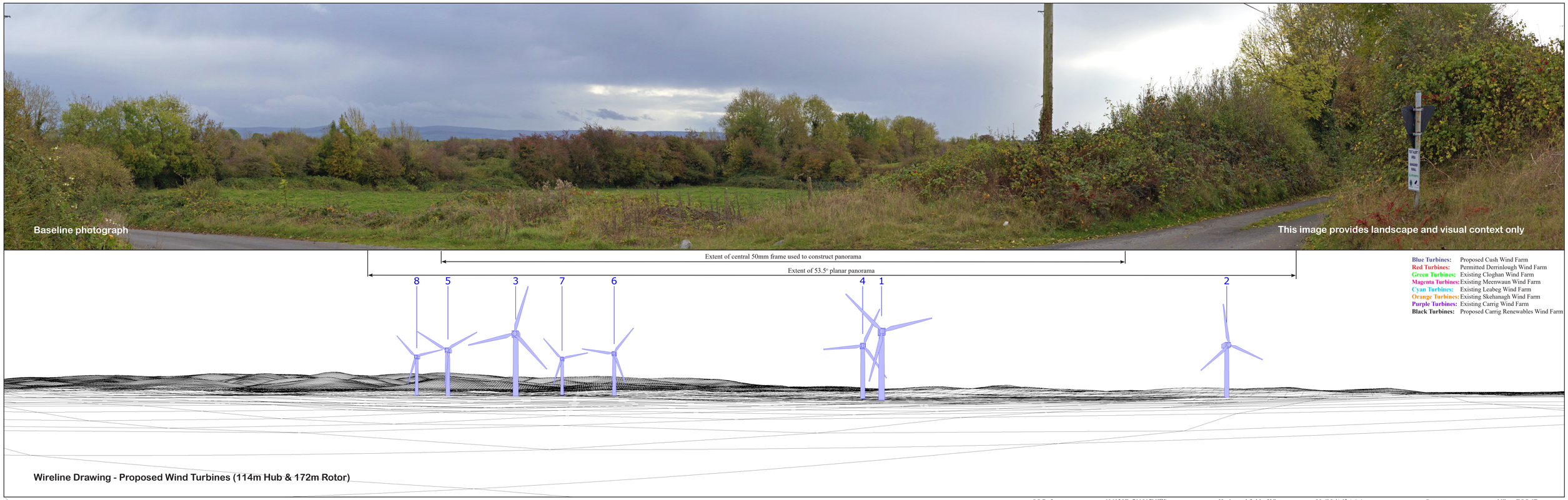


Figure 46:
Viewpoint 12 - Baseline Photograph & Wireline

OS Reference:	606029E, 711917N (ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	62m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	147 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	1,659m to T1			Date & Time:	26/10/2022 15:23

Figure 47:
Viewpoint 12 - Photomontage & Wireline

OS Reference:	606029E, 711917N (ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	62m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	147 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	1,659m to T1			Date & Time:	26/10/2022 15:23

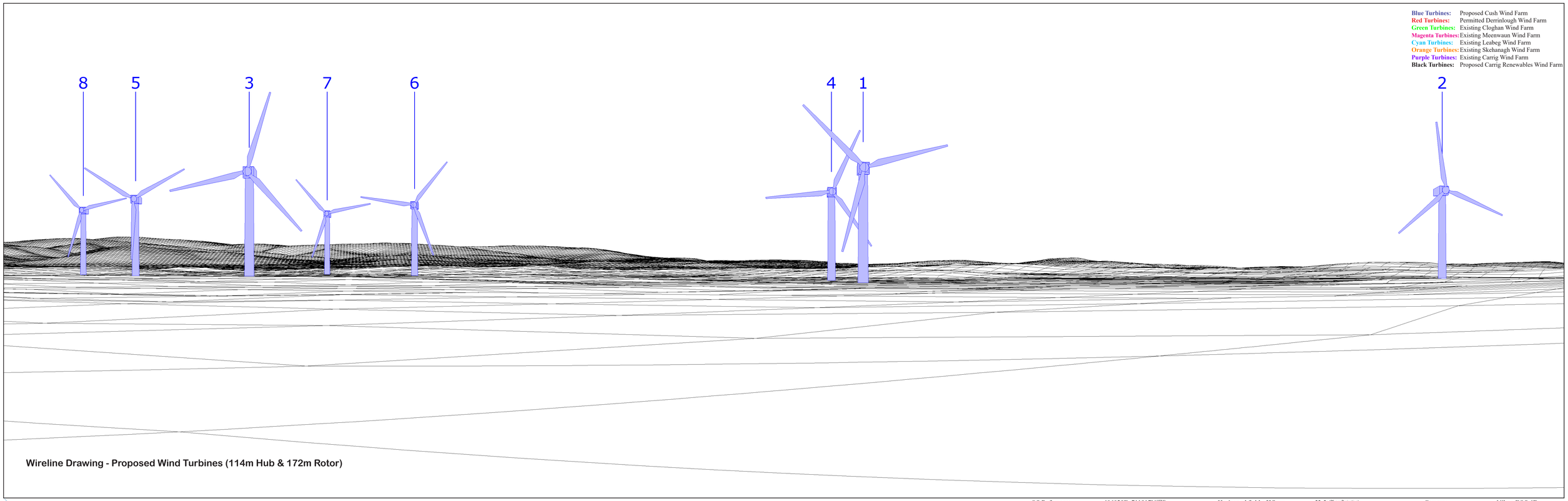


Figure 48:
Viewpoint 12 - Wireline

OS Reference:	606029E, 711917N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	62m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	147 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	1,659m to T1			Date & Time:	26/10/2022 15:23

Figure 49:
Viewpoint 12 - Photomontage

OS Reference:	606029E, 711917N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	62m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	147 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	1,659m to T1			Date & Time:	26/10/2022 15:23

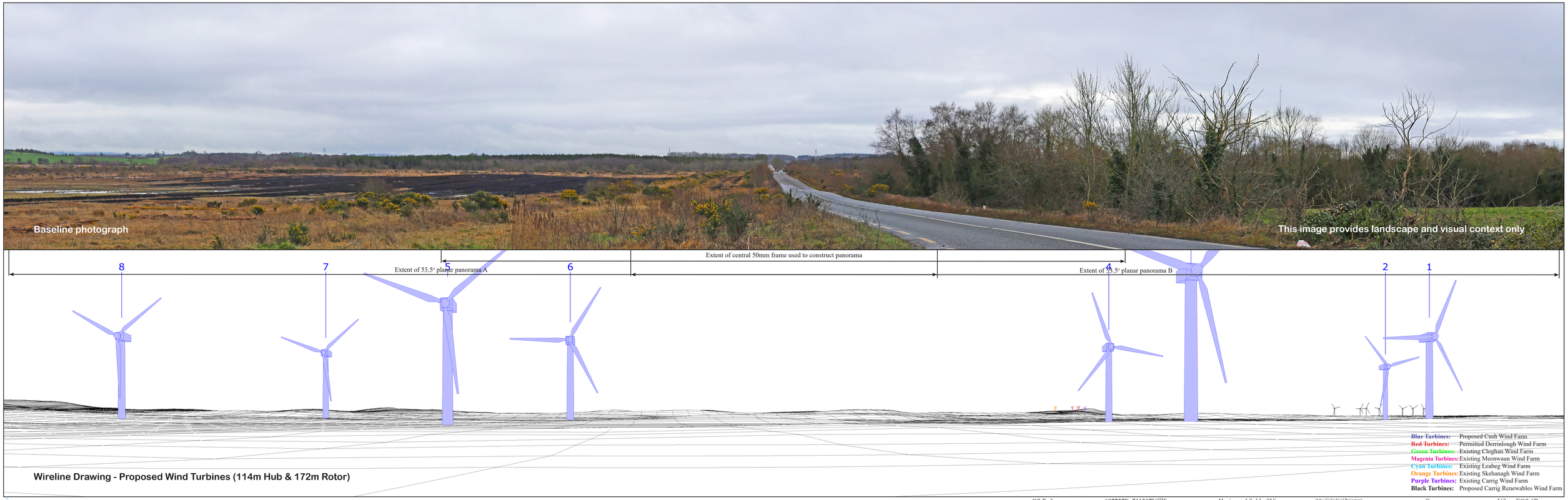


Figure 50:
Viewpoint 13 - Baseline Photograph & Wireline

OS Reference:	607737E, 711387N(ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	58m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	188 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	743m to T3			Date & Time:	06/03/2023 10:08

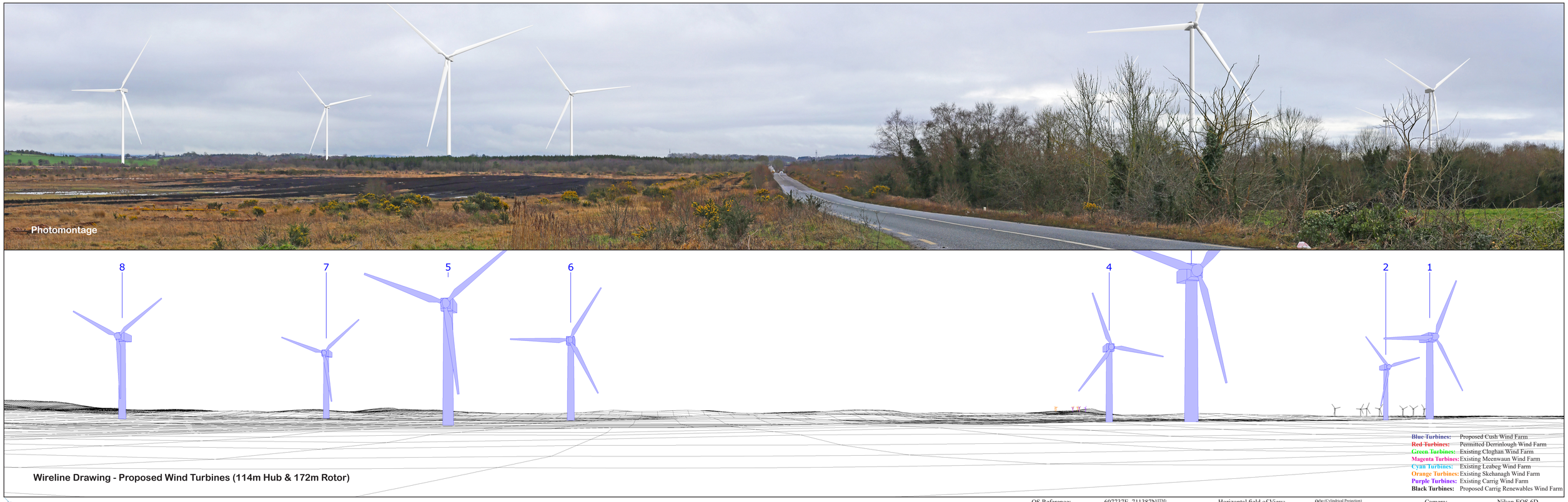


Figure 51:
Viewpoint 13 - Photomontage & Wireline

OS Reference:	607737E, 711387N(ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	58m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	188 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	743m to T3			Date & Time:	06/03/2023 10:08

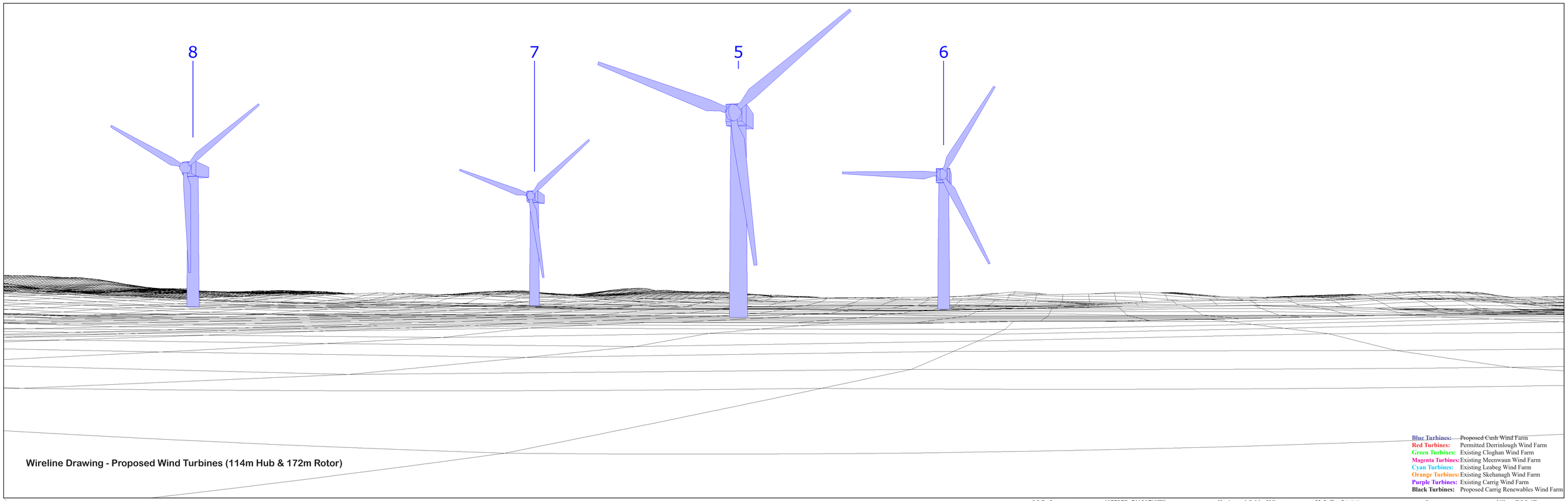
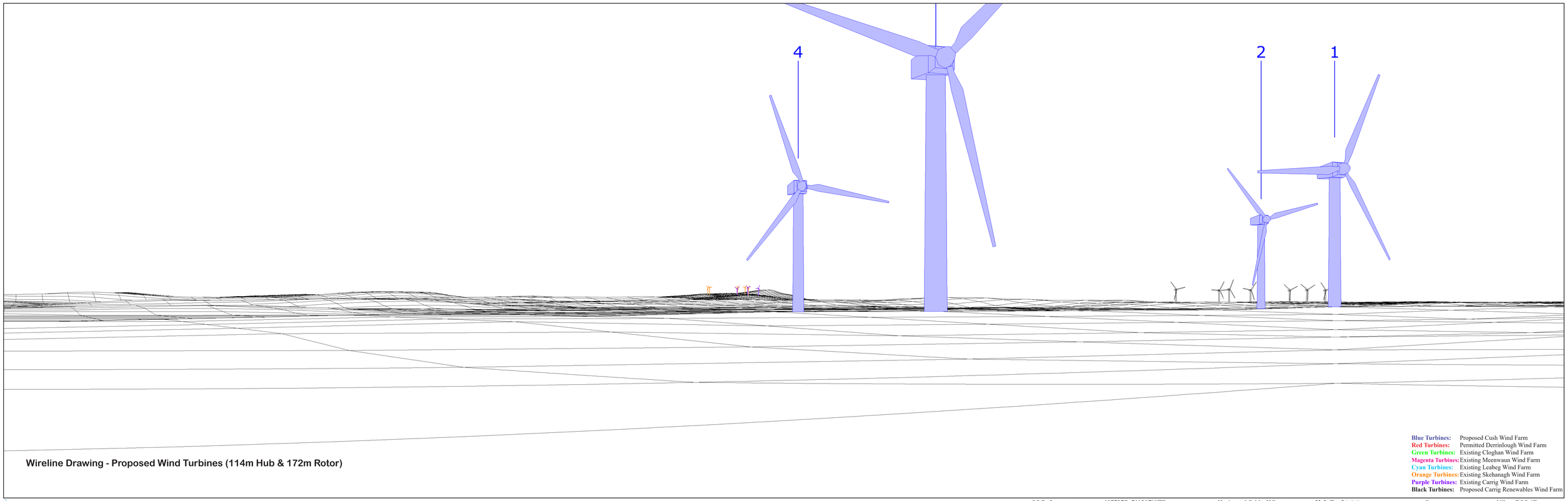


Figure 52:
Viewpoint 13 - Wireline A

OS Reference:	607737E, 711387N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	58m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	188 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	743m to T3			Date & Time:	06/03/2023 10:08

Figure 53:
Viewpoint 13 - Photomontage A

OS Reference:	607737E, 711387N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	58m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	188 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	743m to T3			Date & Time:	06/03/2023 10:08



Wireline Drawing - Proposed Wind Turbines (114m Hub & 172m Rotor)

Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
Orange Turbines: Existing Skehanagh Wind Farm
Purple Turbines: Existing Carrig Wind Farm
Black Turbines: Proposed Carrig Renewables Wind Farm

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Figure 54:
Viewpoint 13 - Wireline B

OS Reference:	607737E, 711387N(ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	58m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	188 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	743m to T3			Date & Time:	06/03/2023 10:08

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Figure 55:
Viewpoint 13 - Photomontage B

OS Reference:	607737E, 711387N(ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	58m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	188 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	743m to T3			Date & Time:	06/03/2023 10:08

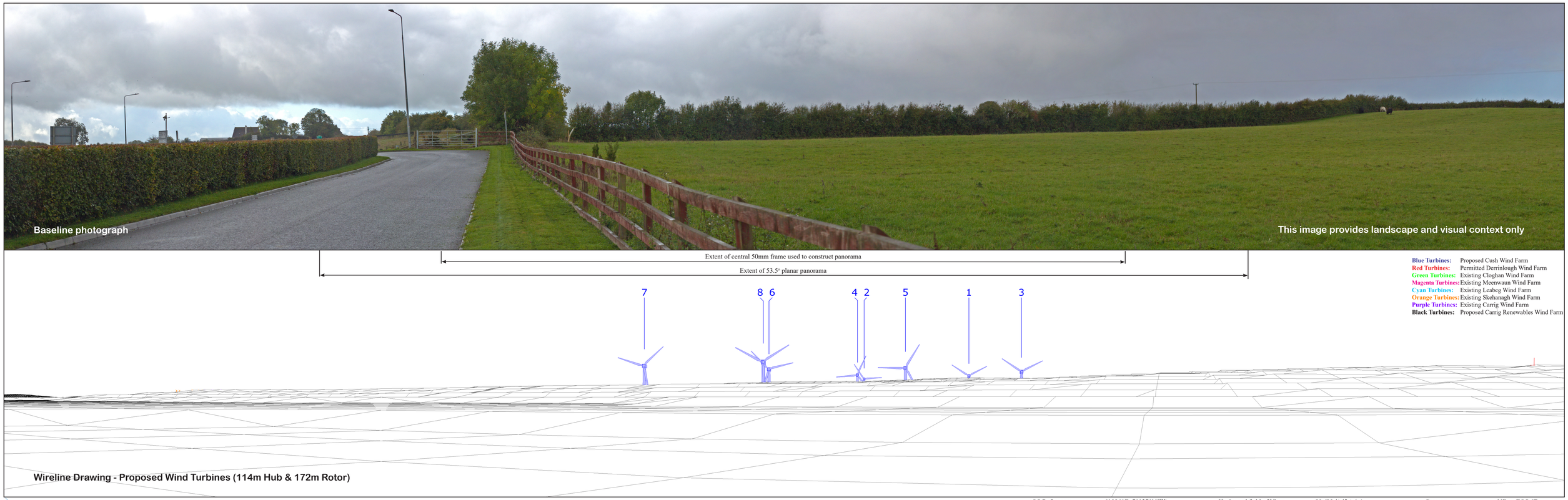

Figure 56:
Viewpoint 14 - Baseline Photograph & Wireline

OS Reference:	610961E, 711271N(ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	69m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	248 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	2,753m to T8			Date & Time:	14/10/2022 11:42

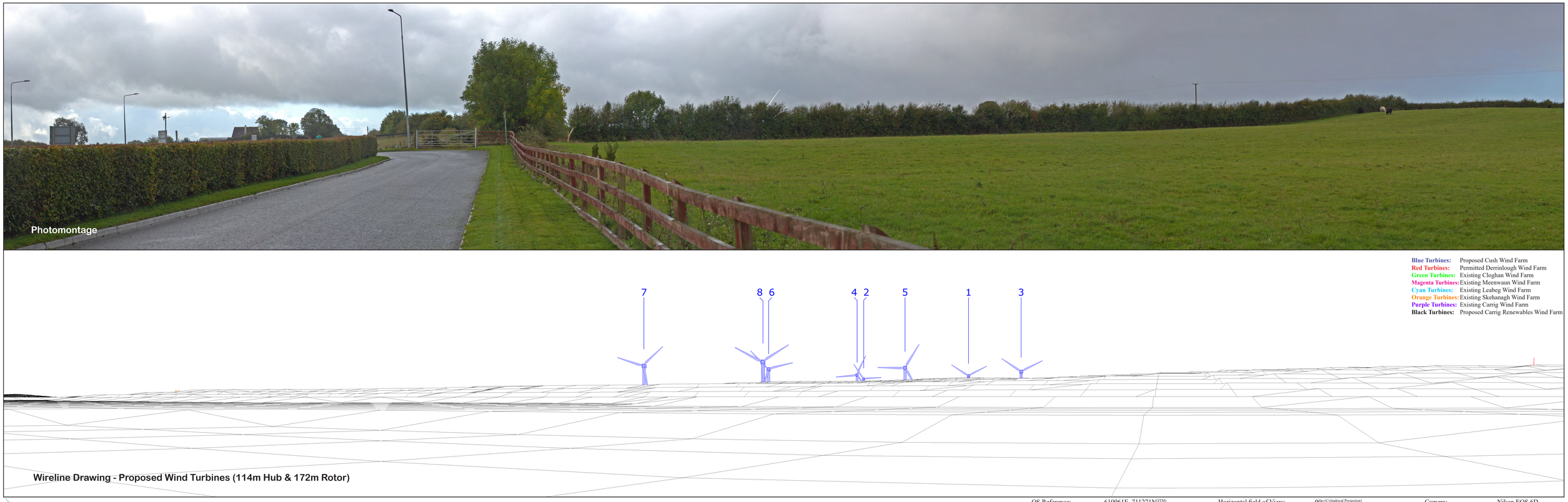

Figure 57:
Viewpoint 14 - Photomontage & Wireline

OS Reference:	610961E, 711271N(ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	69m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	248 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	2,753m to T8			Date & Time:	14/10/2022 11:42

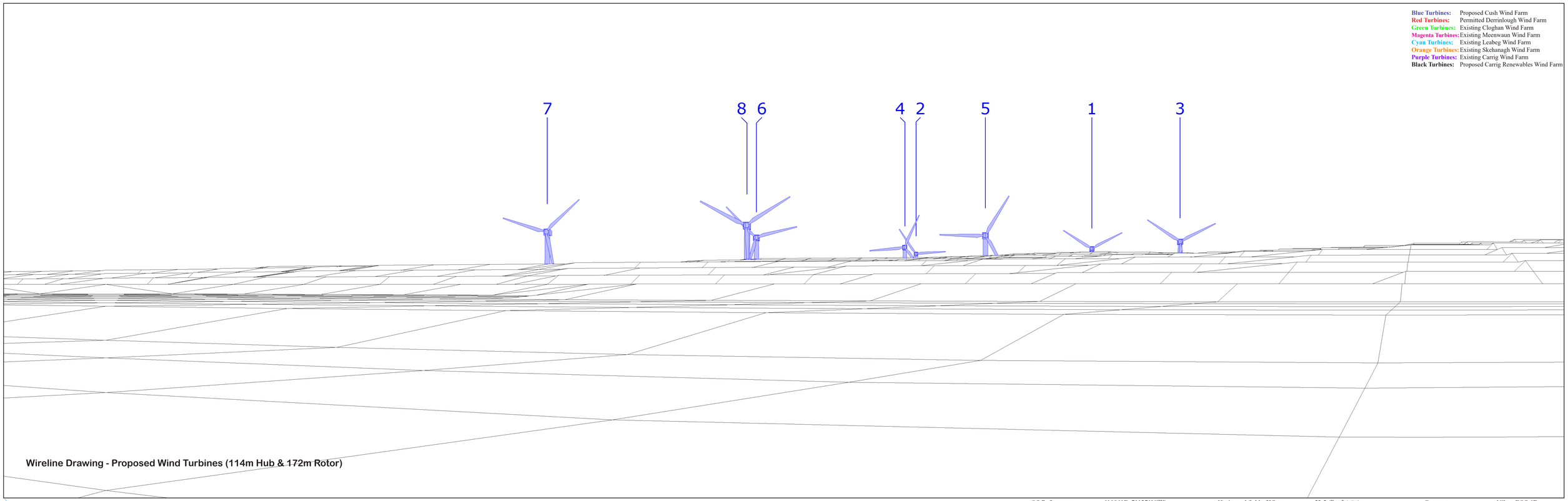

Figure 58:
Viewpoint 14 - Wireline

OS Reference:	610961E, 711271N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	69m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	248 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	2,753m to T8			Date & Time:	14/10/2022 11:42

Figure 59:
Viewpoint 14 - Photomontage

OS Reference:	610961E, 711271N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	69m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	248 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	2,753m to T8			Date & Time:	14/10/2022 11:42

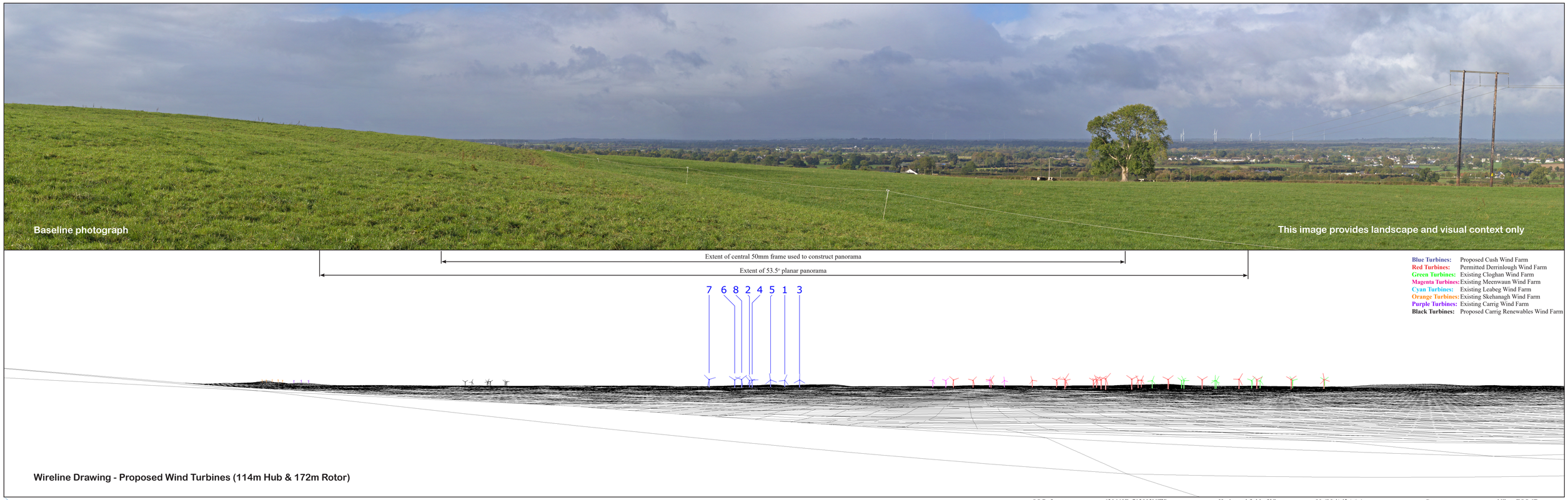

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Figure 60:
Viewpoint 15 - Baseline Photograph & Wireline

OS Reference:	620649E, 712992N (ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	128m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	260 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	12,538m to T8			Date & Time:	14/10/2022 11:12

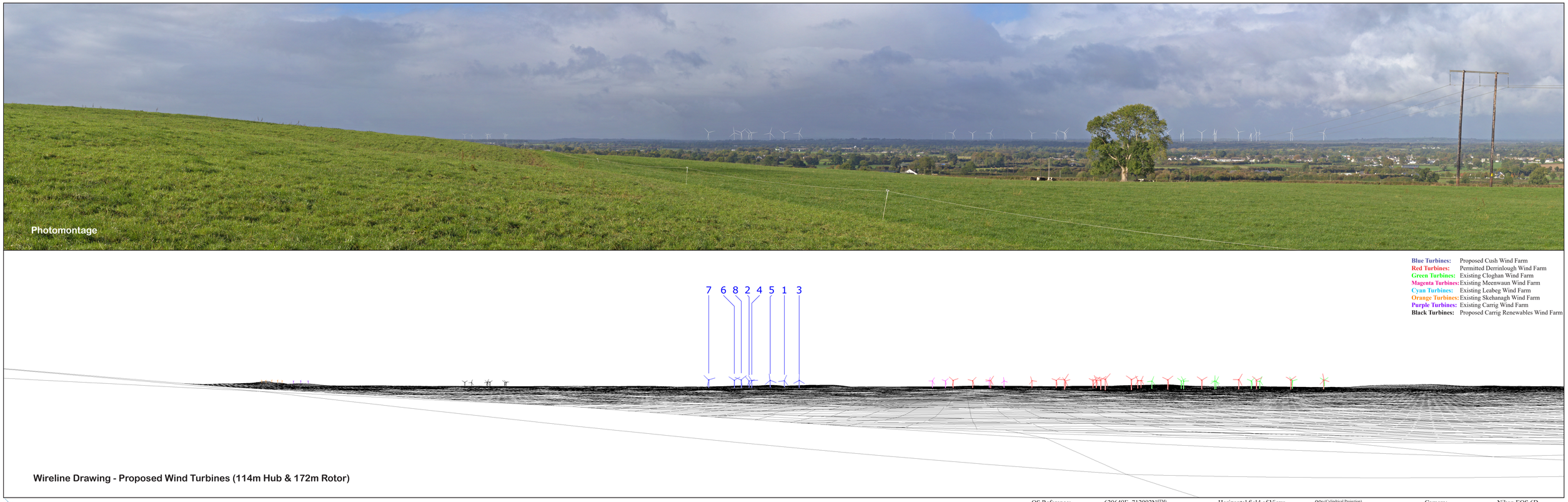

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Figure 61:
Viewpoint 15 - Photomontage & Wireline

OS Reference:	620649E, 712992N (ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	128m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	260 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	12,538m to T8			Date & Time:	14/10/2022 11:12

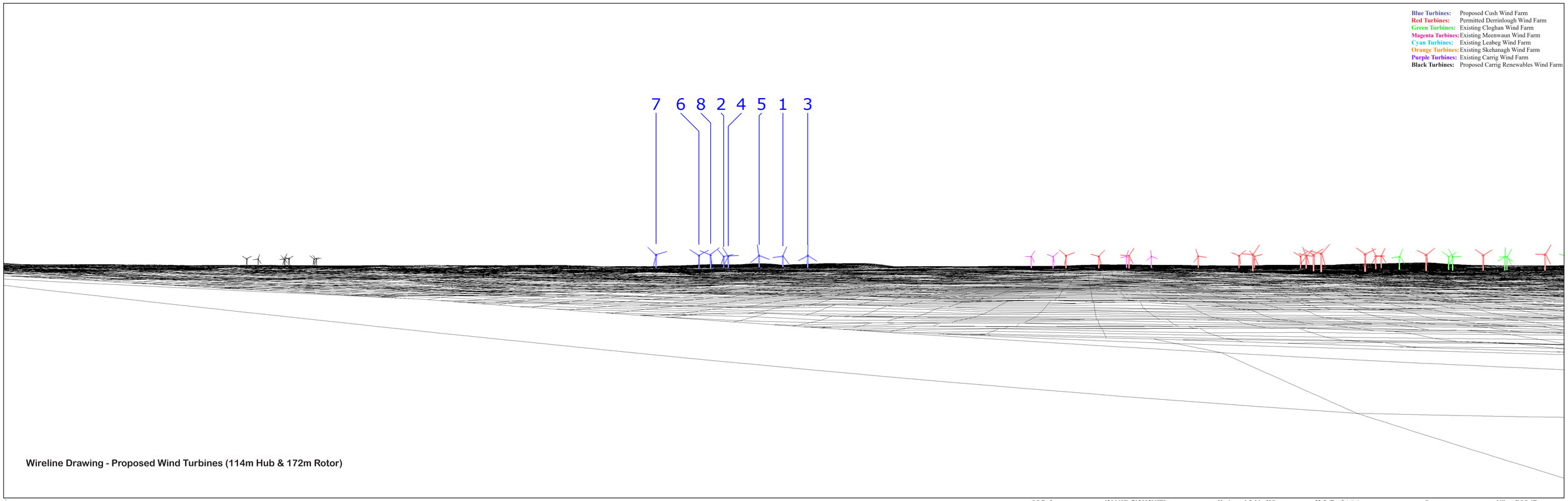


Figure 62:
Viewpoint 15 - Wireline

OS Reference:	620649E, 712992N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	128m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	260 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	12,538m to T8			Date & Time:	14/10/2022 11:12

Figure 63:
Viewpoint 15 - Photomontage

OS Reference:	620649E, 712992N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	128m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	260 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	12,538m to T8			Date & Time:	14/10/2022 11:12

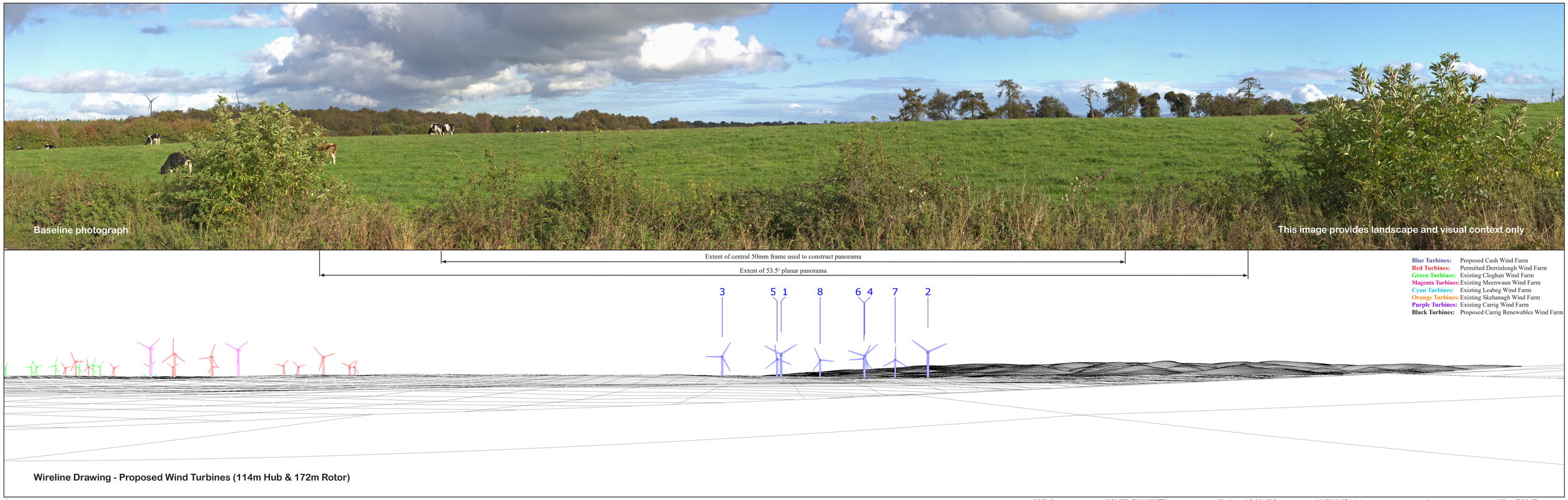


Figure 64:
Viewpoint 16 - Baseline Photograph & Wireline

OS Reference:	602162E, 710462N(ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	48m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	90 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	4,197m to T2			Date & Time:	14/10/2022 16:06

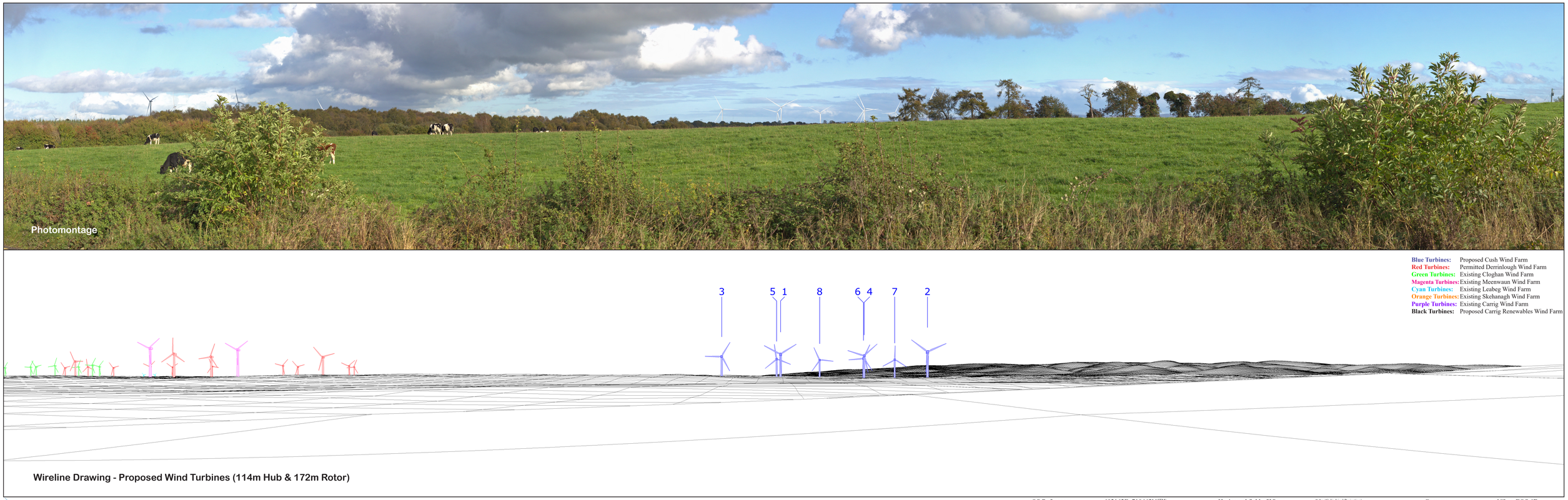
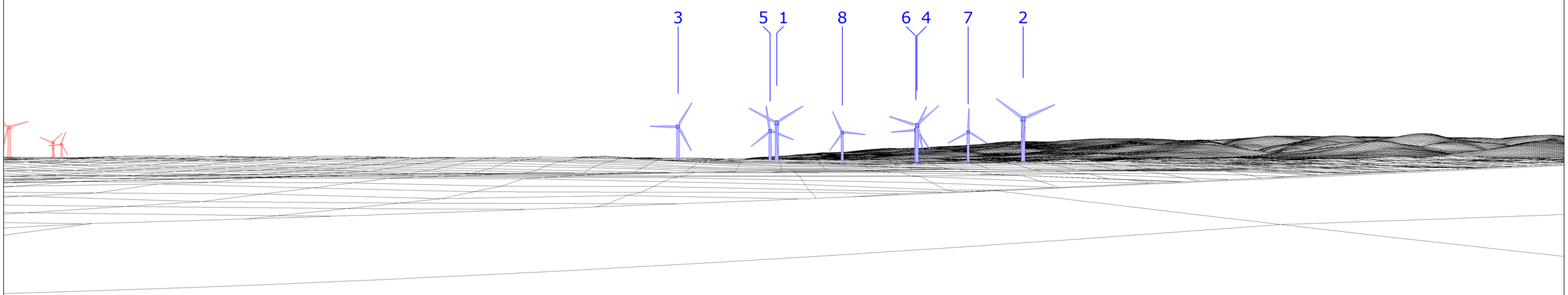


Figure 65:
Viewpoint 16 - Photomontage & Wireline

OS Reference:	602162E, 710462N(ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	48m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	90 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	4,197m to T2			Date & Time:	14/10/2022 16:06

Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
Orange Turbines: Existing Skehanagh Wind Farm
Purple Turbines: Existing Carrig Wind Farm
Black Turbines: Proposed Carrig Renewables Wind Farm



Wireline Drawing - Proposed Wind Turbines (114m Hub & 172m Rotor)

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Figure 66:
Viewpoint 16 - Wireline

OS Reference:	602162E, 710462N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	48m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	90 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	4,197m to T2			Date & Time:	14/10/2022 16:06

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Figure 67:
Viewpoint 16 - Photomontage

OS Reference:	602162E, 710462N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	48m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	90 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	4,197m to T2			Date & Time:	14/10/2022 16:06

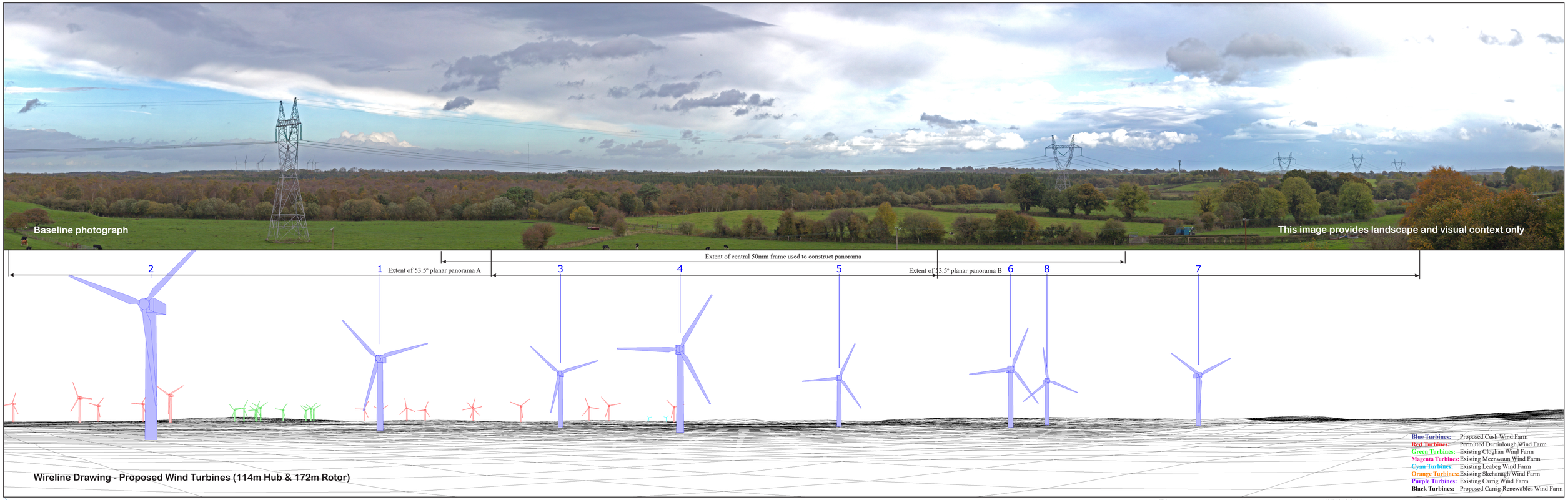

Figure 68:
Viewpoint 17 - Baseline Photograph & Wireline

OS Reference:	606153E, 708996N(ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	64m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	47 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	848m to T2			Date & Time:	26/10/2022 15:05

Figure 69:
Viewpoint 17 - Photomontage & Wireline

OS Reference:	606153E, 708996N(ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	64m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	47 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	848m to T2			Date & Time:	26/10/2022 15:05

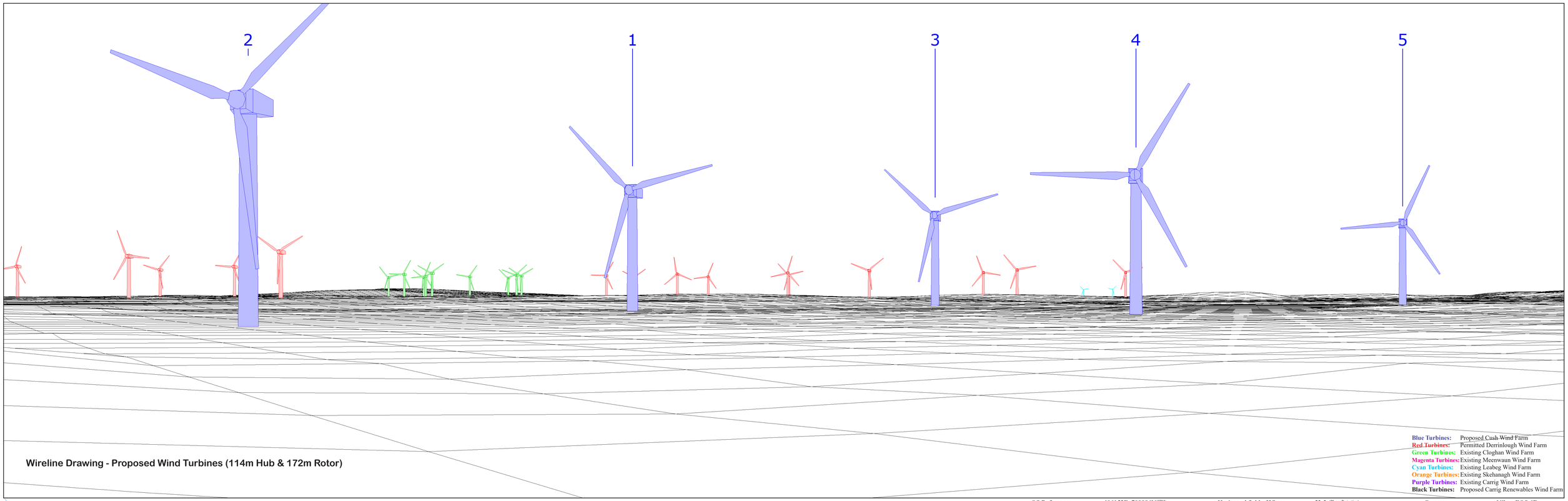

Figure 70:
Viewpoint 17 - Wireline A

OS Reference:	606153E, 708996N(ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	64m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	47 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	848m to T2			Date & Time:	26/10/2022 15:05

Figure 71:
Viewpoint 17 - Photomontage A

OS Reference:	606153E, 708996N(ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	64m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	47 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	848m to T2			Date & Time:	26/10/2022 15:05

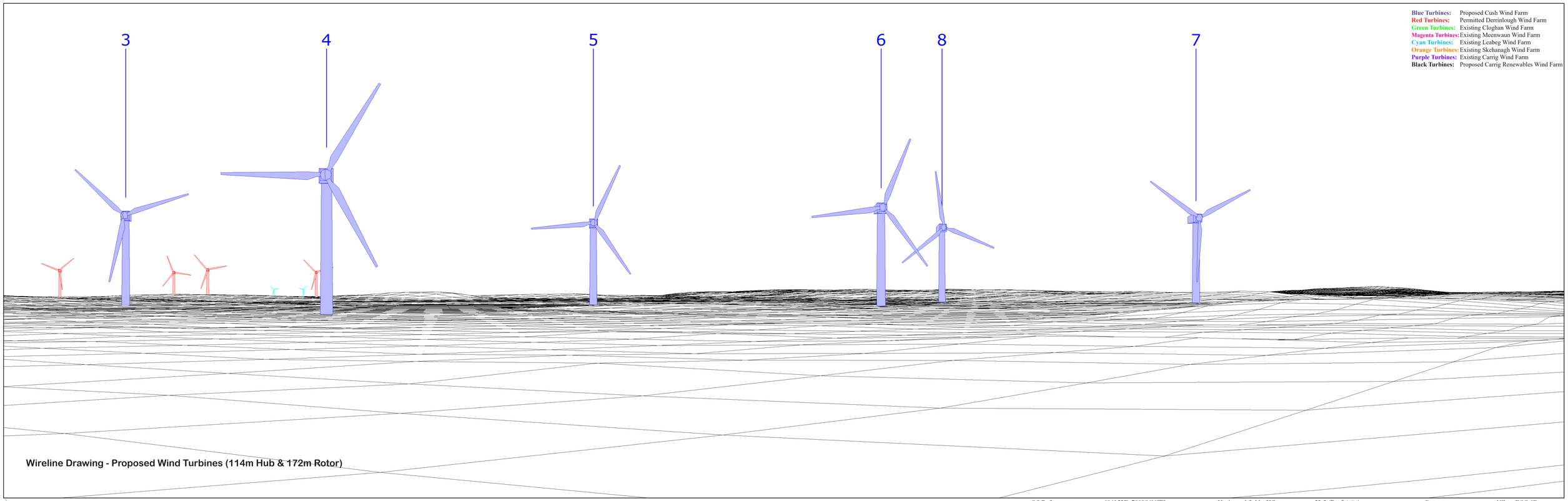

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Figure 72:
Viewpoint 17 - Wireline B

OS Reference:	606153E, 708996N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	64m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	47 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	848m to T2			Date & Time:	26/10/2022 15:05

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Figure 73:
Viewpoint 17 - Photomontage B

OS Reference:	606153E, 708996N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	64m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	47 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	848m to T2			Date & Time:	26/10/2022 15:05

Extent of 53.5° planar panorama A

Extent of central 50mm frame used to construct panorama

Extent of 53.5° planar panorama B

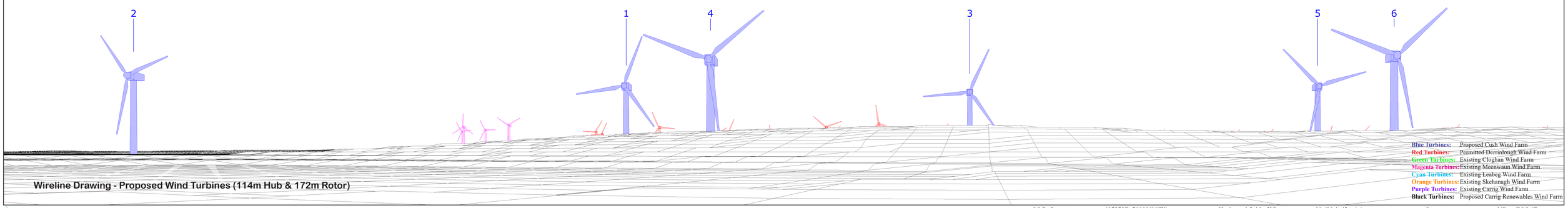

Figure 74:
Viewpoint 18(a) - Baseline Photograph & Wireline

OS Reference:	607379E, 708898N (ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	55m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	348 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	1,165m to T6			Date & Time:	14/10/2022 14:12

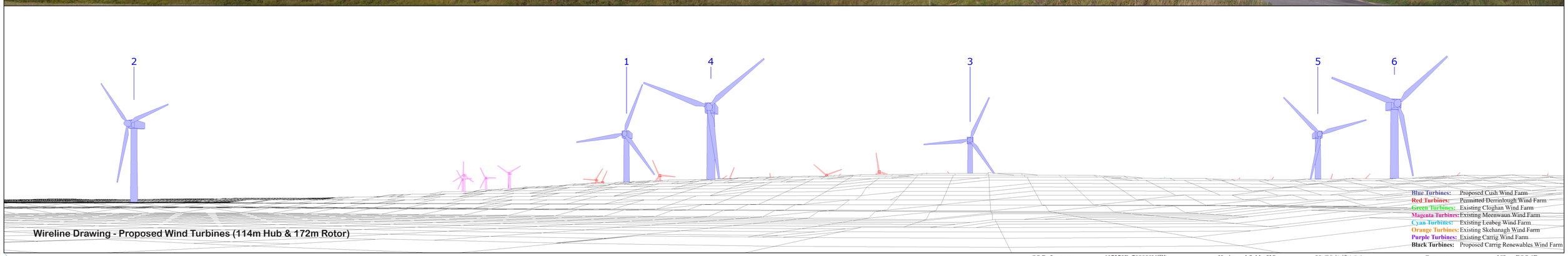

Figure 75:
Viewpoint 18(a) - Photomontage & Wireline

OS Reference:	607379E, 708898N (ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	55m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	348 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	1,165m to T6			Date & Time:	14/10/2022 14:12

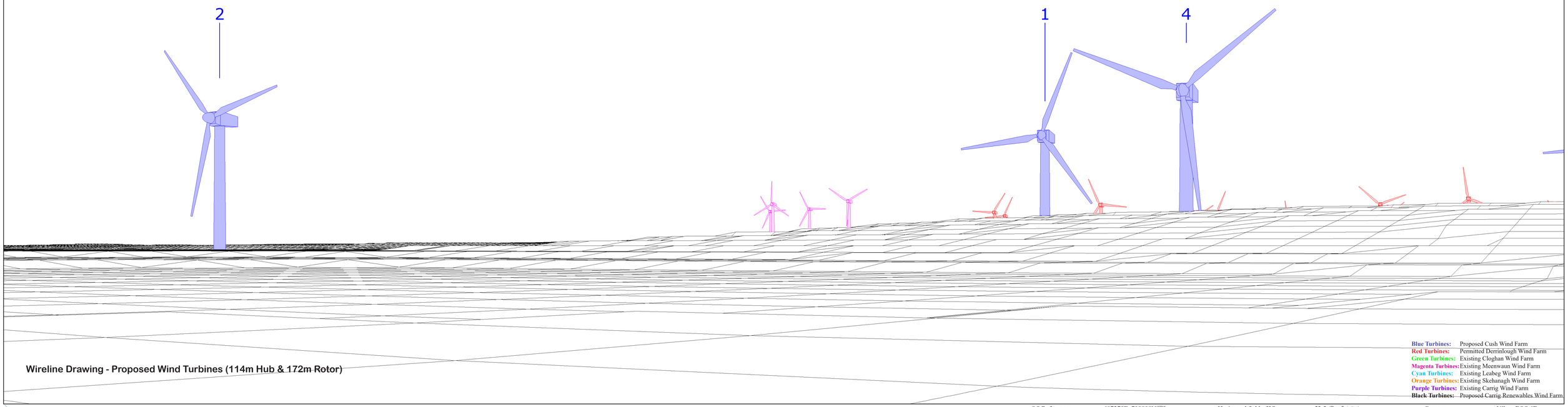

Figure 76:
Viewpoint 18(a) - Wireline A

OS Reference:	607379E, 708898N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	55m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	348 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	1,165m to T6			Date & Time:	14/10/2022 14:12

Figure 77:
Viewpoint 18(a) - Photomontage A

OS Reference:	607379E, 708898N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	55m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	348 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	1,165m to T6			Date & Time:	14/10/2022 14:12

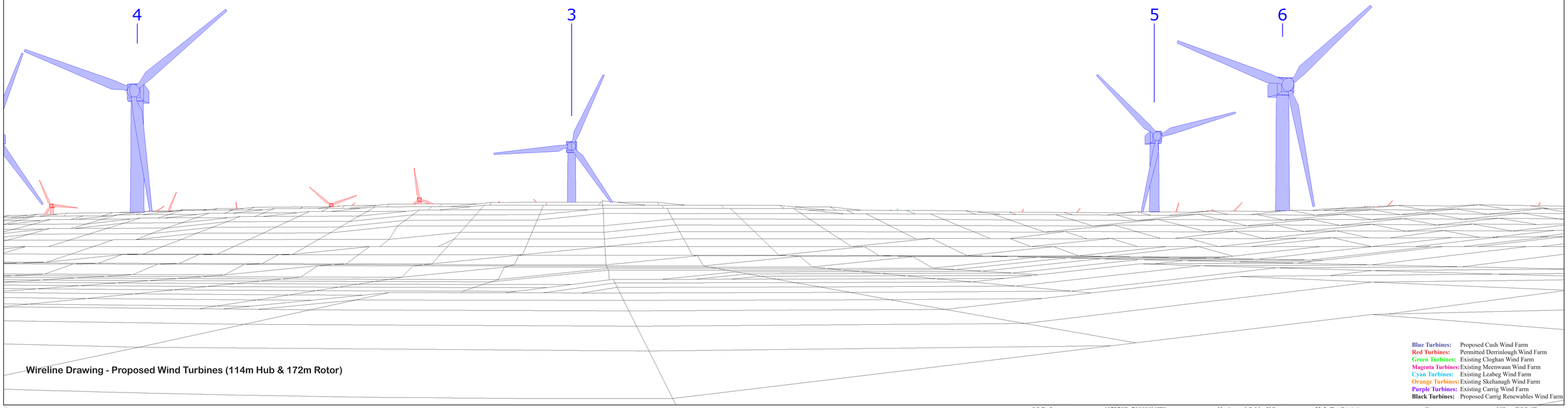

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Figure 78:
Viewpoint 18(a) - Wireline B

OS Reference:	607379E, 708898N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	55m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	348 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	1,165m to T6			Date & Time:	14/10/2022 14:12

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Figure 79:
Viewpoint 18(a) - Photomontage B

OS Reference:	607379E, 708898N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	55m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	348 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	1,165m to T6			Date & Time:	14/10/2022 14:12

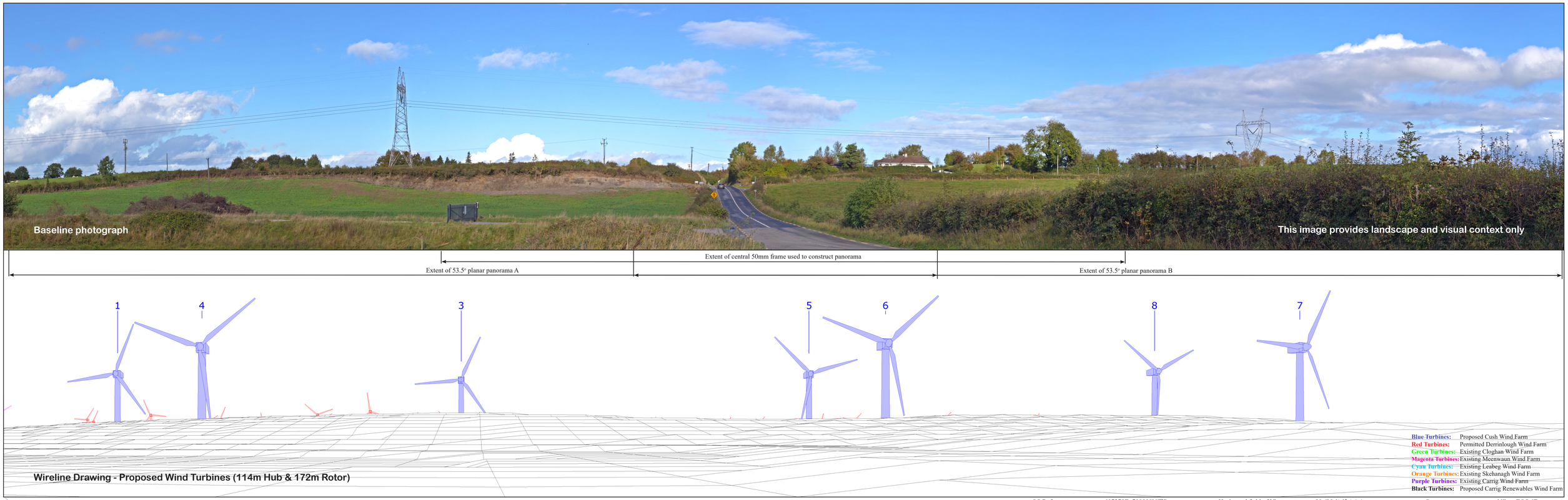

Figure 80:
Viewpoint 18(b) - Baseline Photograph & Wireline

OS Reference:	607379E, 708898N (ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	55m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	18 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	1,165m to T6			Date & Time:	14/10/2022 14:12

Figure 81:
Viewpoint 18(b) - Photomontage & Wireline

OS Reference:	607379E, 708898N (ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	55m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	18 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	1,165m to T6			Date & Time:	14/10/2022 14:12

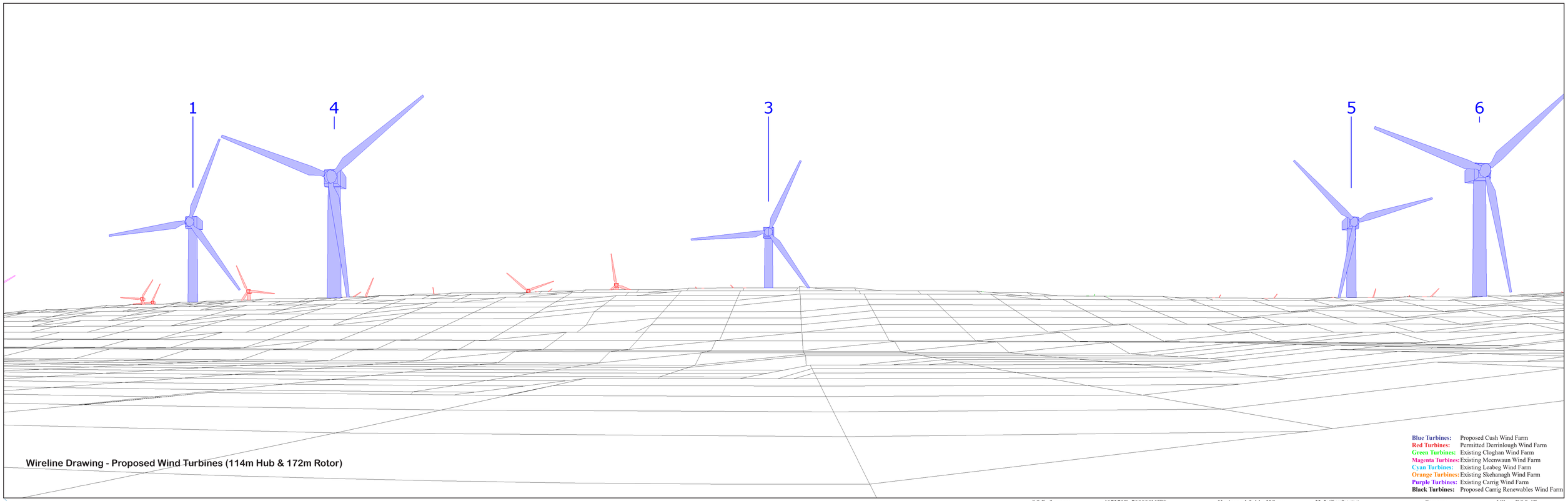

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Figure 82:
Viewpoint 18(b) - Wireline A

OS Reference:	607379E, 708898N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	55m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	18 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	1,165m to T6			Date & Time:	14/10/2022 14:12

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Figure 83:
Viewpoint 18(b) - Photomontage A

OS Reference:	607379E, 708898N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	55m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	18 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	1,165m to T6			Date & Time:	14/10/2022 14:12

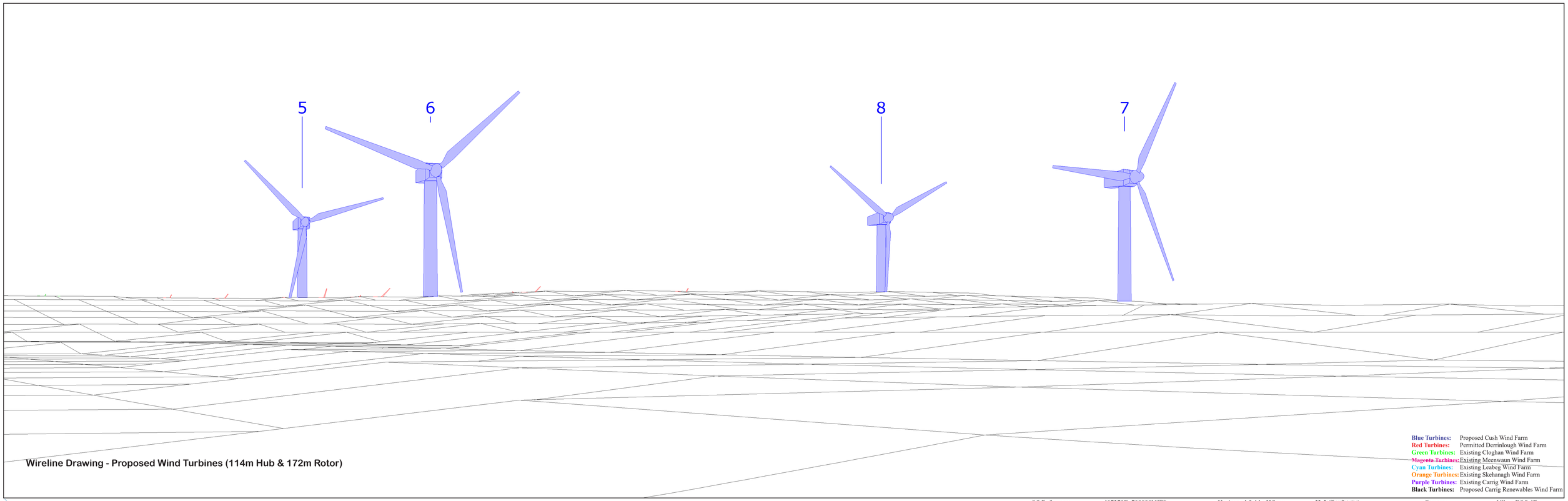


Figure 84:
Viewpoint 18(b) - Wireline B

OS Reference:	607379E, 708898N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	55m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	18 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	1,165m to T6			Date & Time:	14/10/2022 14:12

Figure 85:
Viewpoint 18(b) - Photomontage B

OS Reference:	607379E, 708898N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	55m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	18 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	1,165m to T6			Date & Time:	14/10/2022 14:12

Extent of central 50mm frame used to construct panorama

Extent of 53.5° planar panorama

Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
Orange Turbines: Existing Skehanagh Wind Farm
Purple Turbines: Existing Carrig Wind Farm
Black Turbines: Proposed Carrig Renewables Wind Farm

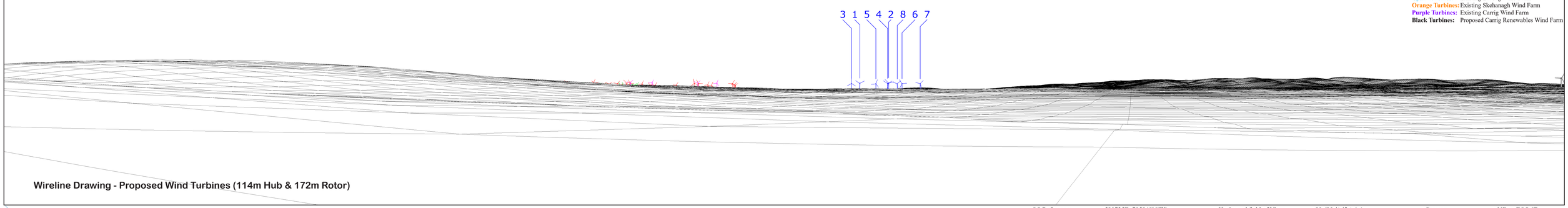


Figure 86:
Viewpoint 19 - Baseline Photograph & Wireline

OS Reference:	590735E, 705948N(ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	62m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	70 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	16,053m to T2			Date & Time:	20/10/2022 14:36

Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
Orange Turbines: Existing Skehanagh Wind Farm
Purple Turbines: Existing Carrig Wind Farm
Black Turbines: Proposed Carrig Renewables Wind Farm

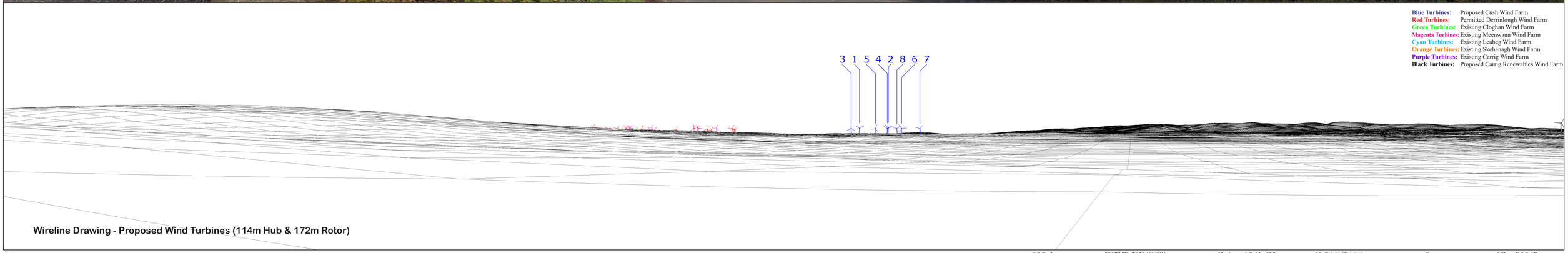


Figure 87:
Viewpoint 19 - Photomontage & Wireline

OS Reference:	590735E, 705948N(ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	62m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	70 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	16,053m to T2			Date & Time:	20/10/2022 14:36

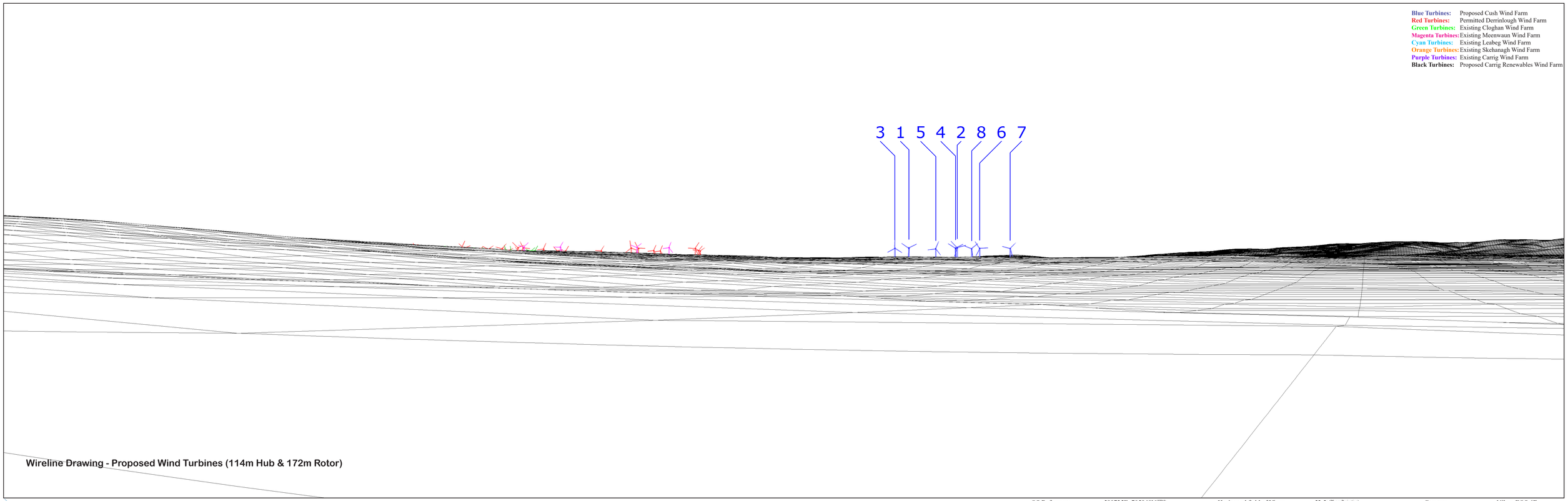


Figure 88:
Viewpoint 19 - Wireline

OS Reference:	590735E, 705948N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	62m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	70 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	16,053m to T2			Date & Time:	20/10/2022 14:36

Figure 89:
Viewpoint 19 - Photomontage

OS Reference:	590735E, 705948N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	62m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	70 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	16,053m to T2			Date & Time:	20/10/2022 14:36

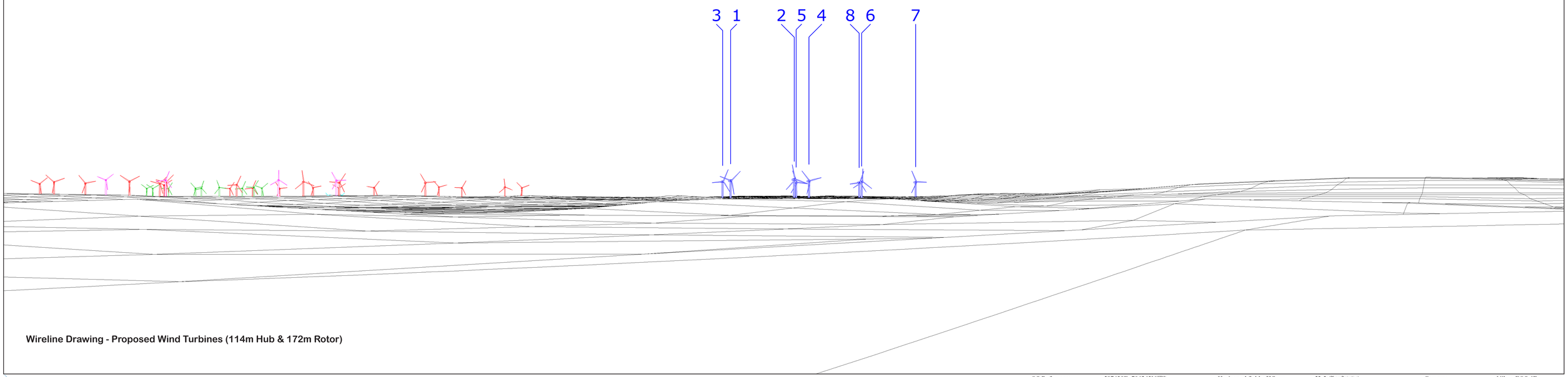
Figure 90:
Viewpoint 20 - Baseline Photograph & Wireline

OS Reference:	597439E, 706243N(ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	46m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	68 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	9,570m to T2			Date & Time:	14/10/2022 15:15

Figure 91:
Viewpoint 20 - Photomontage & Wireline

OS Reference:	597439E, 706243N(ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	46m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	68 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	9,570m to T2			Date & Time:	14/10/2022 15:15

Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
Orange Turbines: Existing Skehanagh Wind Farm
Purple Turbines: Existing Carrig Wind Farm
Black Turbines: Proposed Carrig Renewables Wind Farm



Wireline Drawing - Proposed Wind Turbines (114m Hub & 172m Rotor)

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Figure 92:
Viewpoint 20 - Wireline

OS Reference:	597439E, 706243N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	46m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	68 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	9,570m to T2			Date & Time:	14/10/2022 15:15

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Figure 93:
Viewpoint 20 - Photomontage

OS Reference:	597439E, 706243N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	46m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	68 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	9,570m to T2			Date & Time:	14/10/2022 15:15

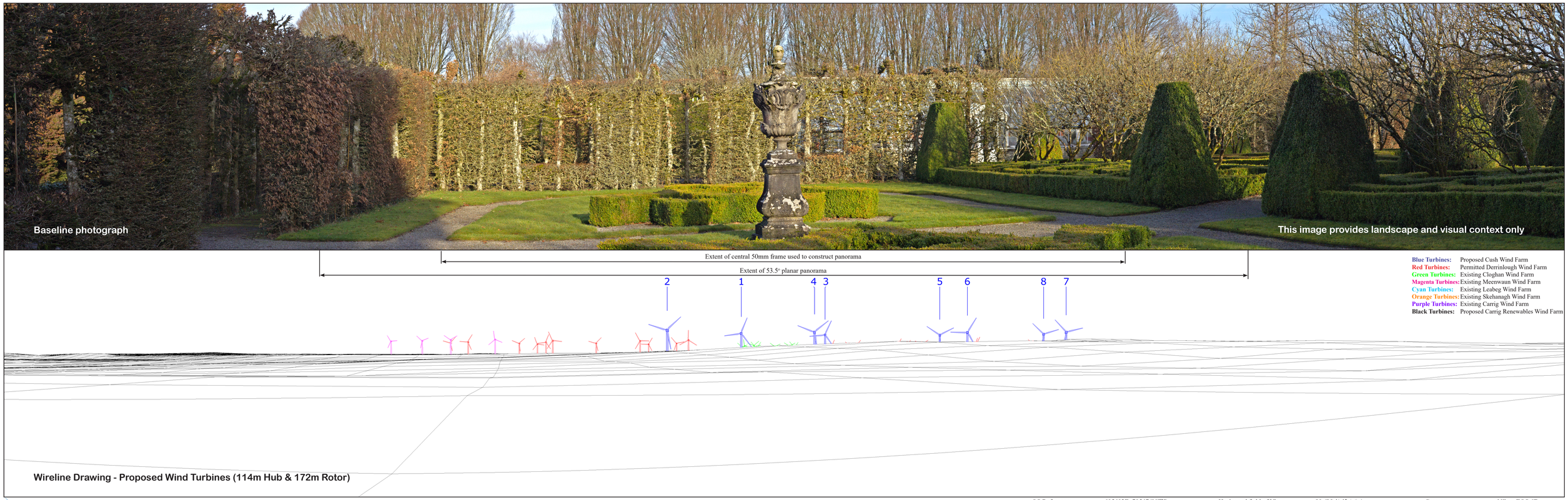


Figure 94:
Viewpoint 21 - Baseline Photograph & Wireline

OS Reference:	605603E, 705474N (ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	52m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	16 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	4,412m to T2			Date & Time:	13/01/2023 13:27

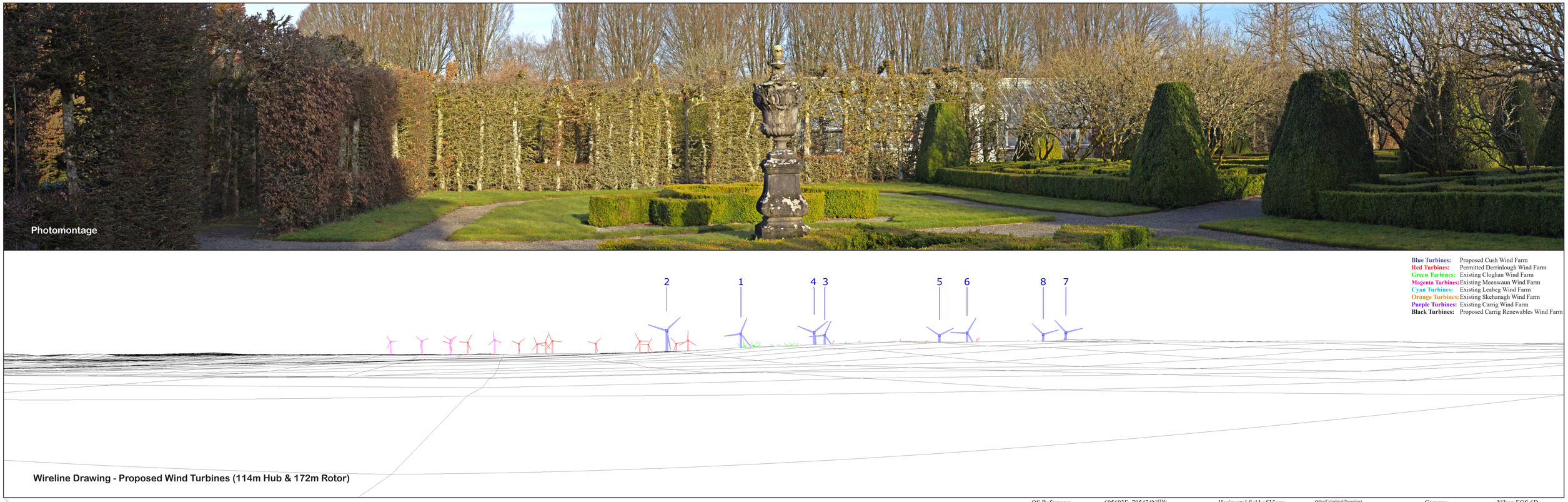


Figure 95:
Viewpoint 21 - Photomontage & Wireline

OS Reference:	605603E, 705474N (ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	52m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	16 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	4,412m to T2			Date & Time:	13/01/2023 13:27

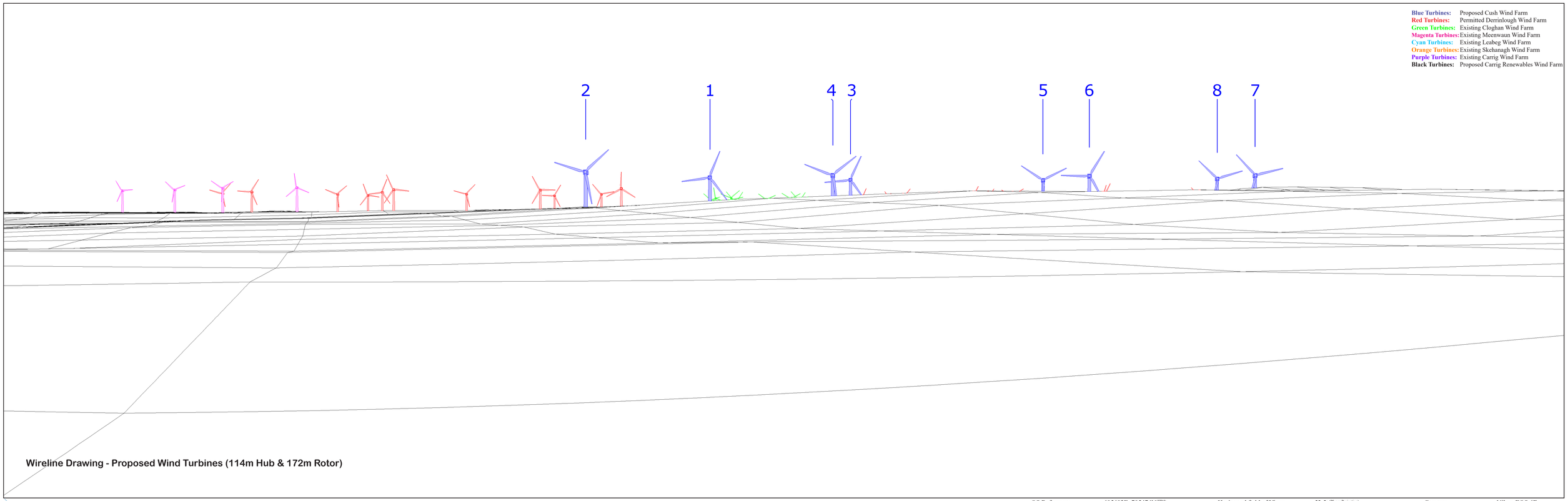


Figure 96:
Viewpoint 21 - Wireline

OS Reference:	605603E, 705474N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	52m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	16 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	4,412m to T2			Date & Time:	13/01/2023 13:27

Figure 97:
Viewpoint 21 - Photomontage

OS Reference:	605603E, 705474N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	52m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	16 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	4,412m to T2			Date & Time:	13/01/2023 13:27

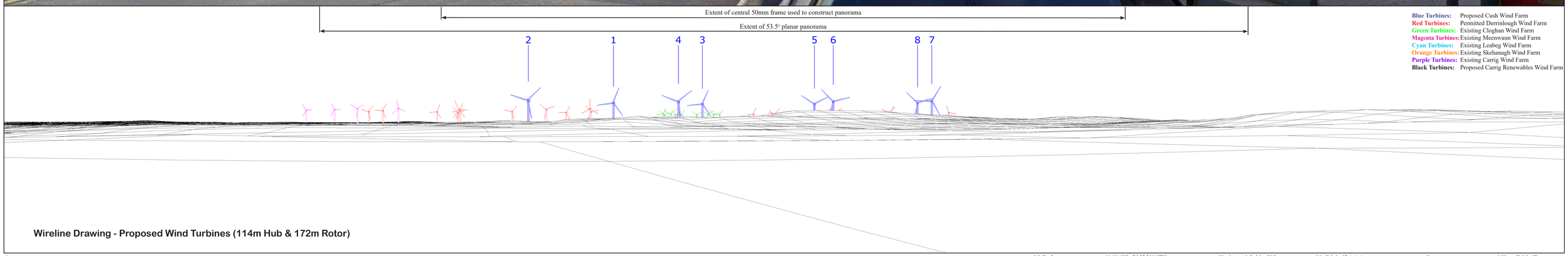


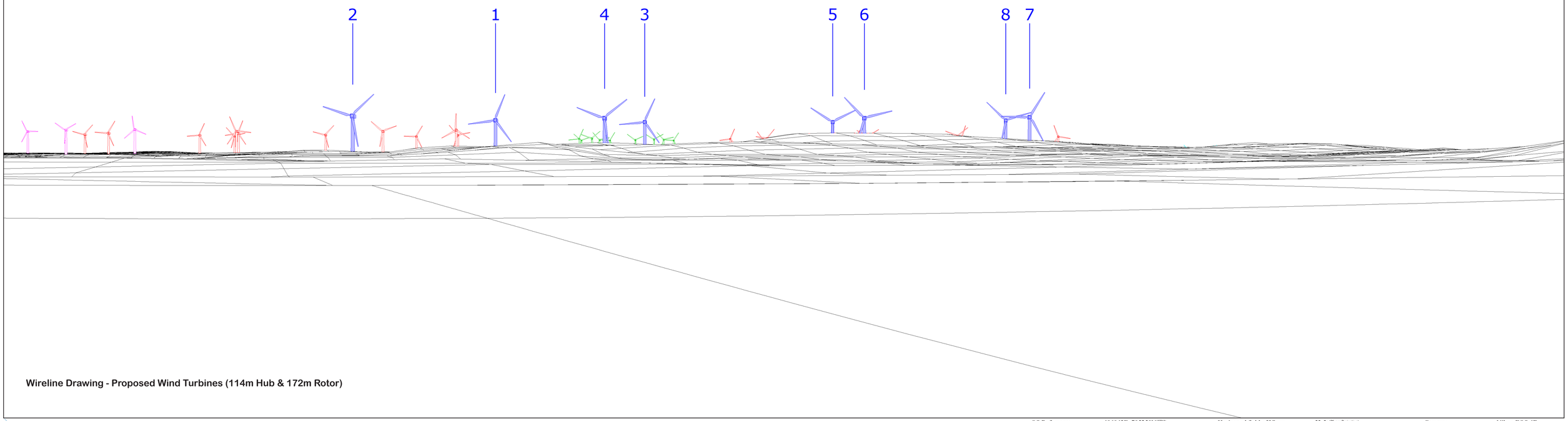
Figure 98:
Viewpoint 22 - Baseline Photograph & Wireline

OS Reference:	606043E, 705250N(ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	61m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	18 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	4,586m to T2			Date & Time:	14/10/2022 13:01

Figure 99:
Viewpoint 22 - Photomontage & Wireline

OS Reference:	606043E, 705250N(ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	61m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	18 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	4,586m to T2			Date & Time:	14/10/2022 13:01

Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
Orange Turbines: Existing Skehanagh Wind Farm
Purple Turbines: Existing Carrig Wind Farm
Black Turbines: Proposed Carrig Renewables Wind Farm



Wireline Drawing - Proposed Wind Turbines (114m Hub & 172m Rotor)

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Figure 100:
Viewpoint 22 - Wireline

OS Reference:	606043E, 705250N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	61m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	18 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	4,586m to T2			Date & Time:	14/10/2022 13:01

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Figure 101:
Viewpoint 22 - Photomontage

OS Reference:	606043E, 705250N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	61m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	18 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	4,586m to T2			Date & Time:	14/10/2022 13:01

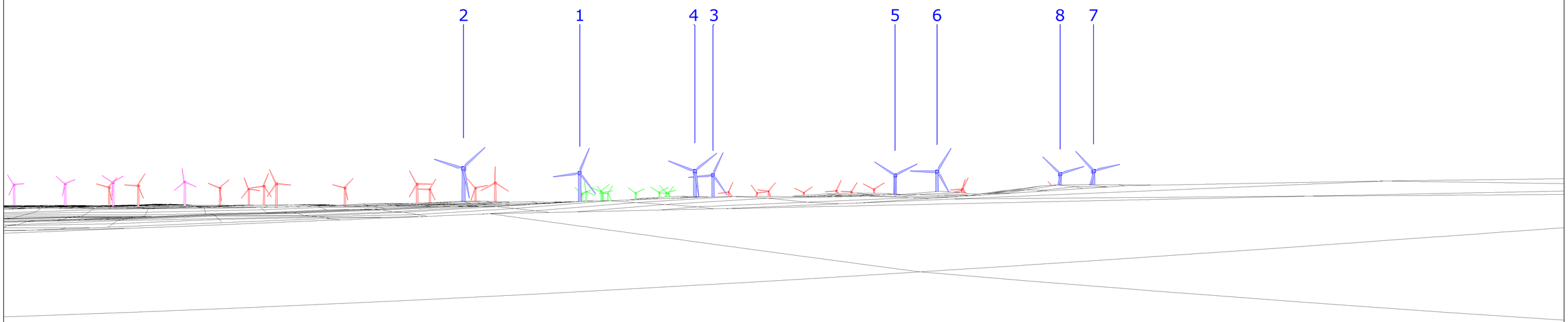
Figure 102:
Viewpoint 23 - Baseline Photograph & Wireline

OS Reference:	605535E, 705168N (ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	54m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	20 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	4,725m to T2			Date & Time:	13/01/2023 13:01

Figure 103:
Viewpoint 23 - Photomontage & Wireline

OS Reference:	605535E, 705168N (ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	54m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	20 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	4,725m to T2			Date & Time:	13/01/2023 13:01

Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
Orange Turbines: Existing Skehanagh Wind Farm
Purple Turbines: Existing Carrig Wind Farm
Black Turbines: Proposed Carrig Renewables Wind Farm



Wireline Drawing - Proposed Wind Turbines (114m Hub & 172m Rotor)

GALETECH ENERGY SERVICES

Figure 104:
Viewpoint 23 - Wireline

OS Reference:	605535E, 705168N(ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	54m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	20 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	4,725m to T2			Date & Time:	13/01/2023 13:01

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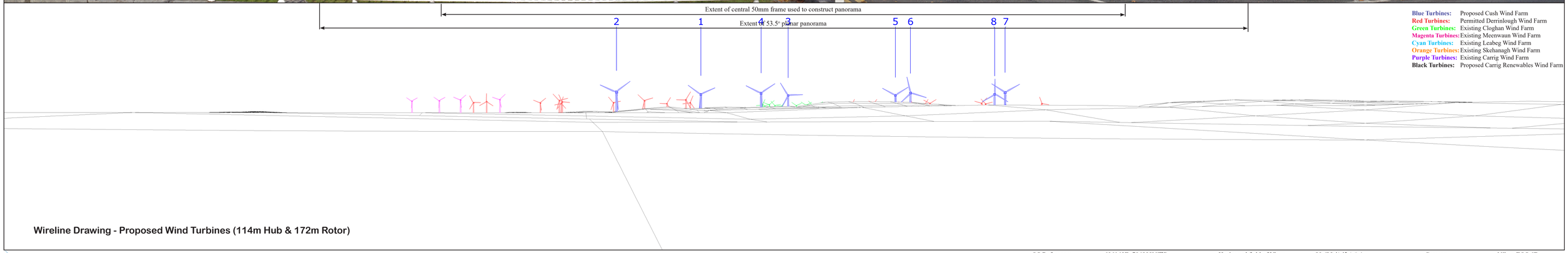
Figure 105:
Viewpoint 23 - Photomontage

OS Reference:	605535E, 705168N(ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	54m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	20 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	4,725m to T2			Date & Time:	13/01/2023 13:01

Extent of central 50mm frame used to construct panorama

Extent of 53.5° planar panorama



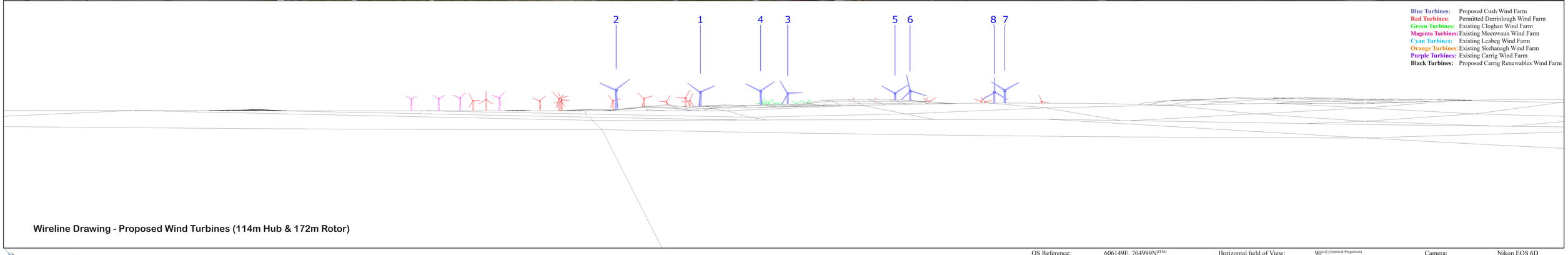
Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
Orange Turbines: Existing Skehanagh Wind Farm
Purple Turbines: Existing Carrig Wind Farm
Black Turbines: Proposed Carrig Renewables Wind Farm

Wireline Drawing - Proposed Wind Turbines (114m Hub & 172m Rotor)

GALETECH ENERGY SERVICES

Figure 106:
Viewpoint 24 - Baseline Photograph & Wireline

OS Reference:	606149E, 704999N(ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	59m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	12 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	4,832m to T2			Date & Time:	14/10/2022 13:24



Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
Orange Turbines: Existing Skehanagh Wind Farm
Purple Turbines: Existing Carrig Wind Farm
Black Turbines: Proposed Carrig Renewables Wind Farm

Wireline Drawing - Proposed Wind Turbines (114m Hub & 172m Rotor)

GALETECH ENERGY SERVICES

Figure 107:
Viewpoint 24 - Photomontage & Wireline

OS Reference:	606149E, 704999N(ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	59m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	12 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	4,832m to T2			Date & Time:	14/10/2022 13:24

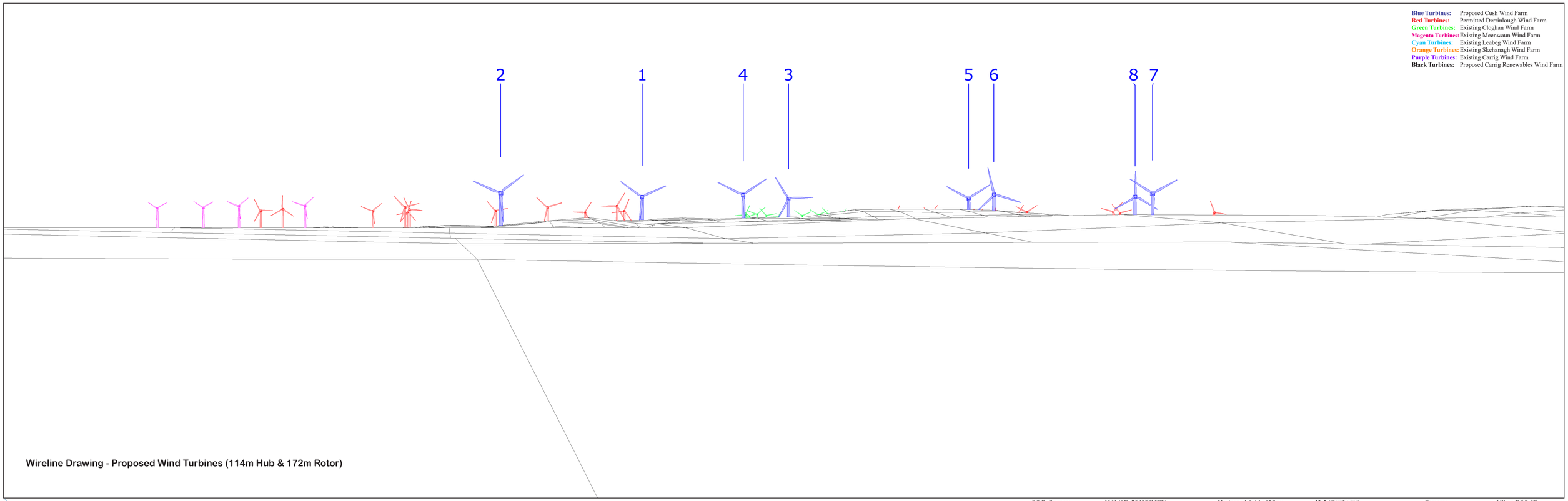


Figure 108:
Viewpoint 24 - Wireline

OS Reference:	606149E, 704999N(ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	59m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	12 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	4,832m to T2			Date & Time:	14/10/2022 13:24

Figure 109:
Viewpoint 24 - Photomontage

OS Reference:	606149E, 704999N(ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	59m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	12 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	4,832m to T2			Date & Time:	14/10/2022 13:24

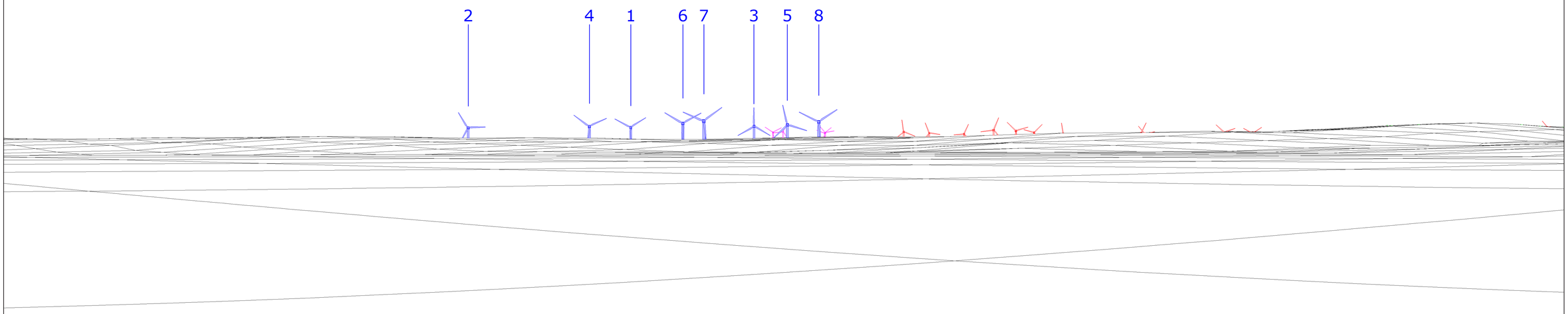
Figure 110:
Viewpoint 25 - Baseline Photograph & Wireline

OS Reference:	613320E, 705829N(ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	72m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	310 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	6,371m to T7			Date & Time:	14/10/2022 12:19

Figure 111:
Viewpoint 25 - Photomontage & Wireline

OS Reference:	613320E, 705829N(ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	72m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	310 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	6,371m to T7			Date & Time:	14/10/2022 12:19

Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
Orange Turbines: Existing Skehanagh Wind Farm
Purple Turbines: Existing Carrig Wind Farm
Black Turbines: Proposed Carrig Renewables Wind Farm



Wireline Drawing - Proposed Wind Turbines (114m Hub & 172m Rotor)

GALETECH ENERGY SERVICES

Figure 112:
Viewpoint 25 - Wireline

OS Reference:	613320E, 705829N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	72m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	310 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	6,371m to T7			Date & Time:	14/10/2022 12:19

GALETECH ENERGY SERVICES

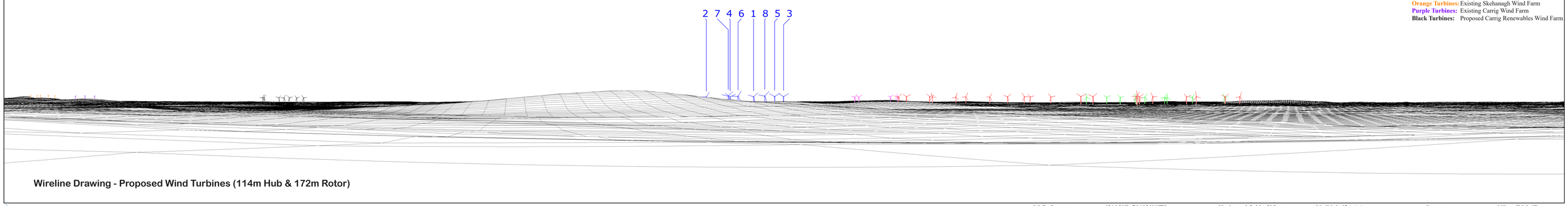
Figure 113:
Viewpoint 25 - Photomontage

OS Reference:	613320E, 705829N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	72m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	310 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	6,371m to T7			Date & Time:	14/10/2022 12:19

Extent of central 50mm frame used to construct panorama

Extent of 53.5° planar panorama

Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
Orange Turbines: Existing Skehanagh Wind Farm
Purple Turbines: Existing Carrig Wind Farm
Black Turbines: Proposed Carrig Renewables Wind Farm



Wireline Drawing - Proposed Wind Turbines (114m Hub & 172m Rotor)

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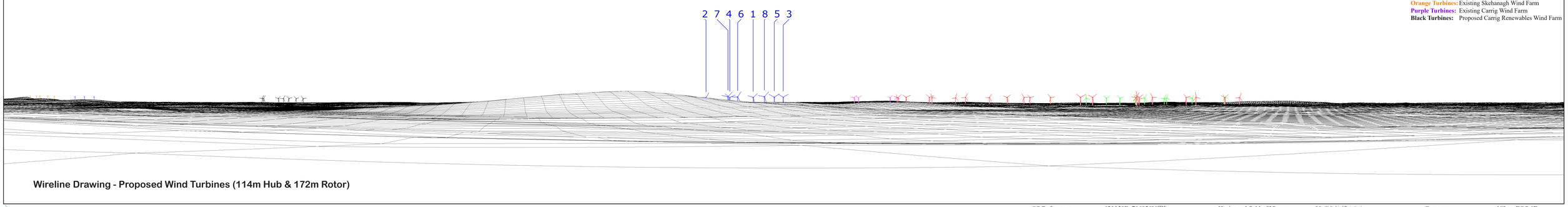
Figure 114:
Viewpoint 26 - Baseline Photograph & Wireline

OS Reference:	621050E, 706920N (ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	140m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	286 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	13,040m to T8			Date & Time:	26/10/2022 12:29

Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
Orange Turbines: Existing Skehanagh Wind Farm
Purple Turbines: Existing Carrig Wind Farm
Black Turbines: Proposed Carrig Renewables Wind Farm



Wireline Drawing - Proposed Wind Turbines (114m Hub & 172m Rotor)

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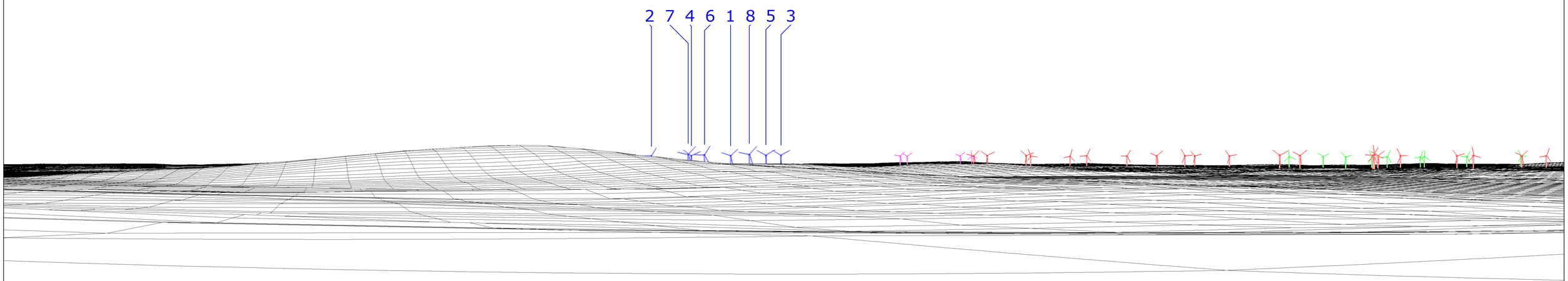
Figure 115:
Viewpoint 26 - Photomontage & Wireline

OS Reference:	621050E, 706920N (ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	140m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	286 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	13,040m to T8			Date & Time:	26/10/2022 12:29

Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
Orange Turbines: Existing Skehanagh Wind Farm
Purple Turbines: Existing Carrig Wind Farm
Black Turbines: Proposed Carrig Renewables Wind Farm



Wireline Drawing - Proposed Wind Turbines (114m Hub & 172m Rotor)

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Figure 116:
Viewpoint 26 - Wireline

OS Reference:	621050E, 706920N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	140m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	286 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	13,040m to T8			Date & Time:	26/10/2022 12:29

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Figure 117:
Viewpoint 26 - Photomontage

OS Reference:	621050E, 706920N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	140m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	286 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	13,040m to T8			Date & Time:	26/10/2022 12:29

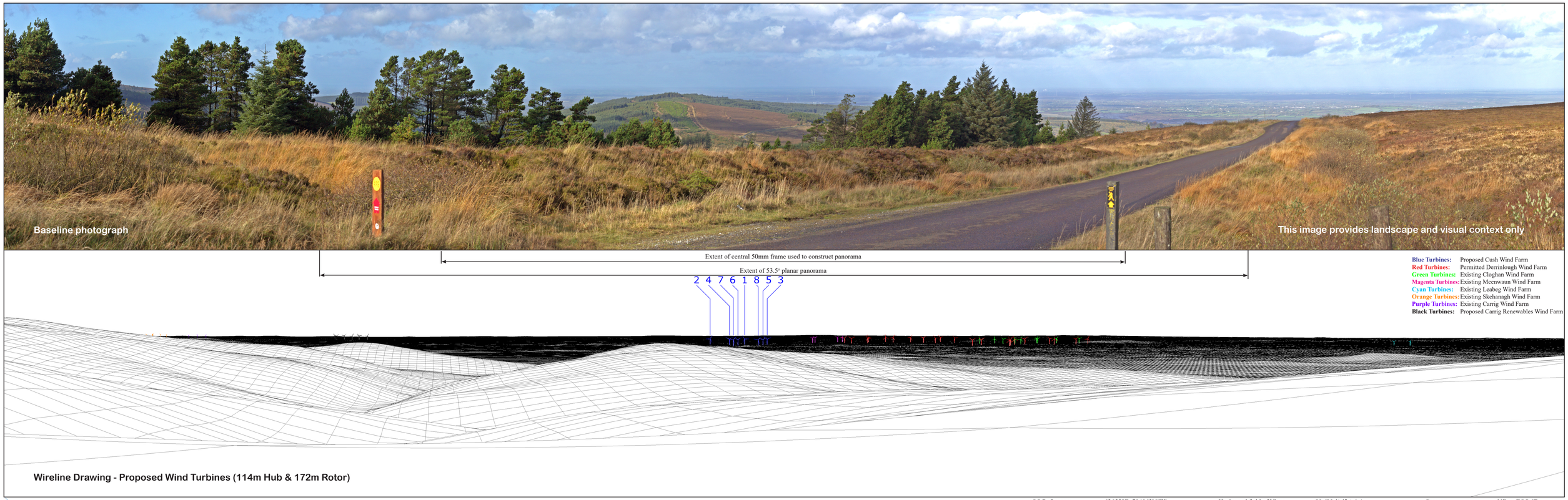


Figure 118:
Viewpoint 27 - Baseline Photograph & Wireline

OS Reference:	626558E, 704062N (ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	447m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	290 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	19,133m to T7			Date & Time:	26/10/2022 12:57

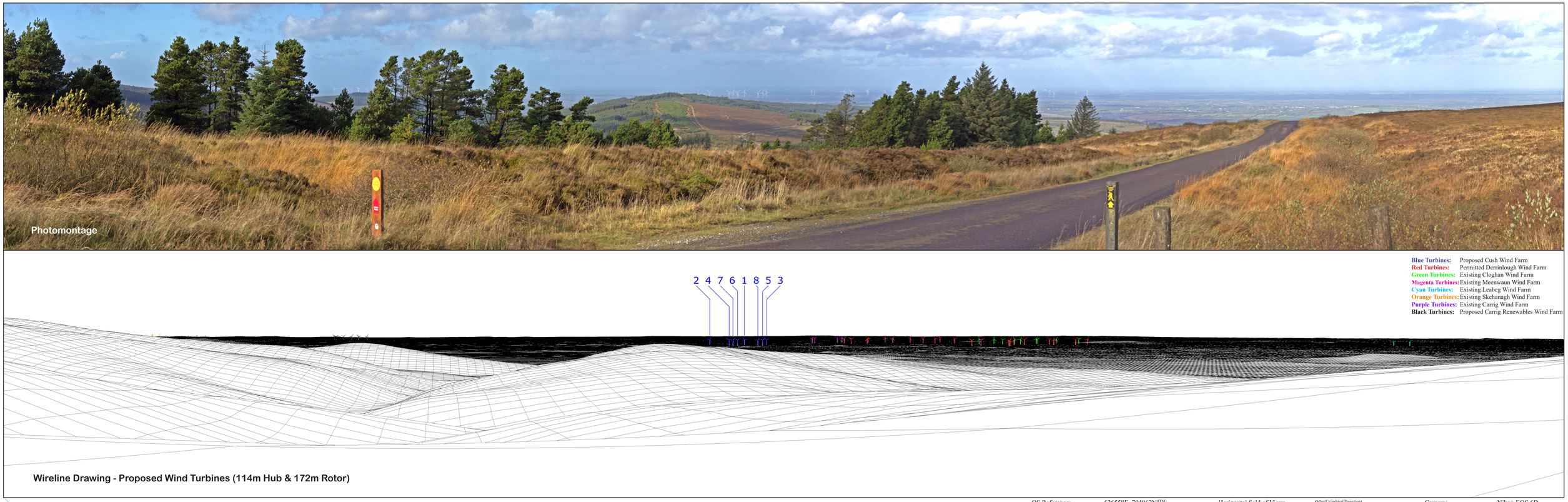
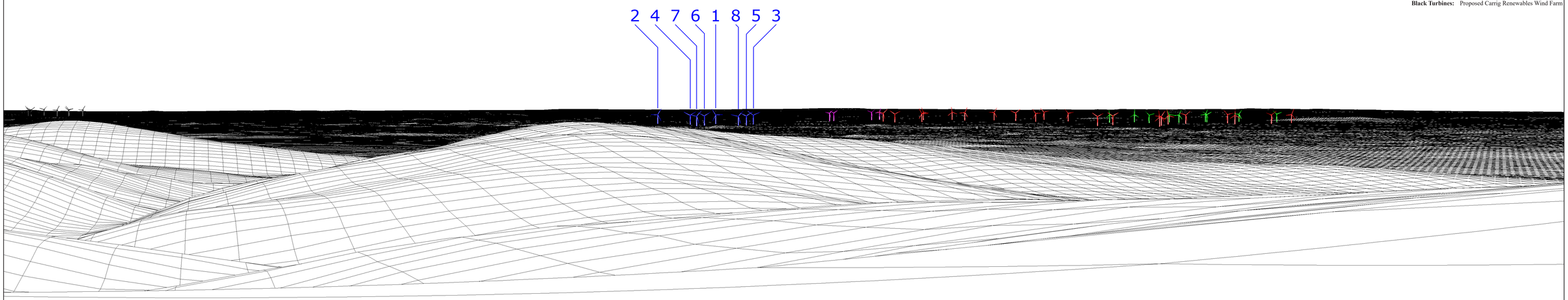


Figure 119:
Viewpoint 27 - Photomontage & Wireline

OS Reference:	626558E, 704062N (ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	447m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	290 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	19,133m to T7			Date & Time:	26/10/2022 12:57

Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
Orange Turbines: Existing Skehanagh Wind Farm
Purple Turbines: Existing Carrig Wind Farm
Black Turbines: Proposed Carrig Renewables Wind Farm



Wireline Drawing - Proposed Wind Turbines (114m Hub & 172m Rotor)

Figure 120:
Viewpoint 27 - Wireline

OS Reference:	626558E, 704062N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	447m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	290 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	19,133m to T7			Date & Time:	26/10/2022 12:57

Figure 121:
Viewpoint 27 - Photomontage

OS Reference:	626558E, 704062N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	447m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	290 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	19,133m to T7			Date & Time:	26/10/2022 12:57

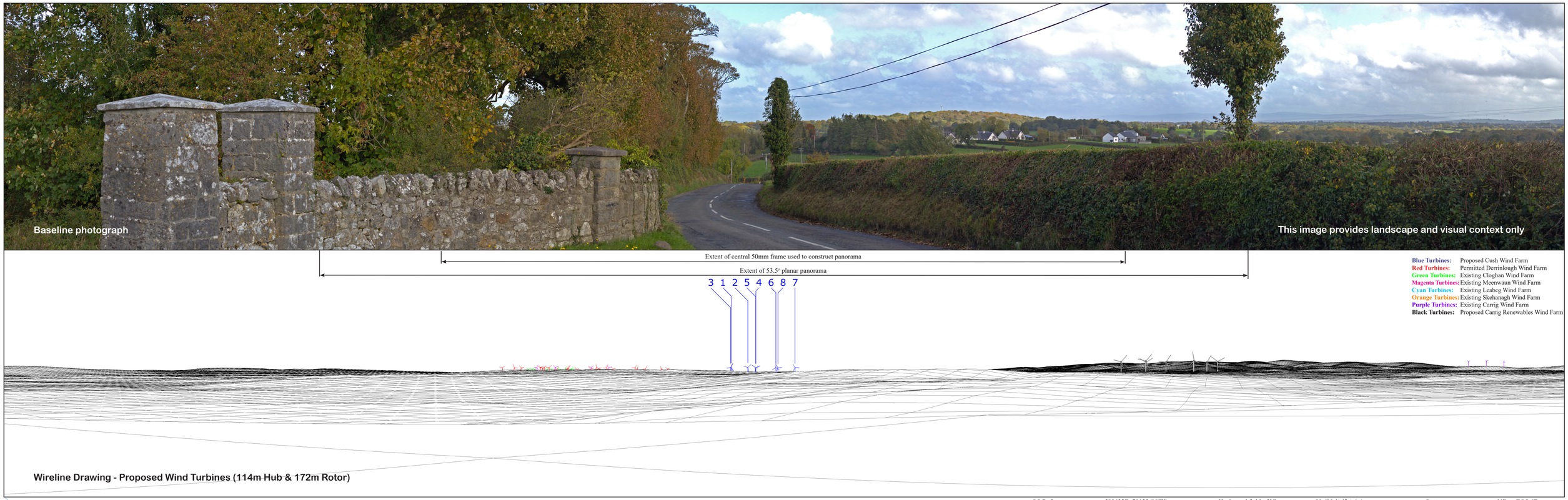


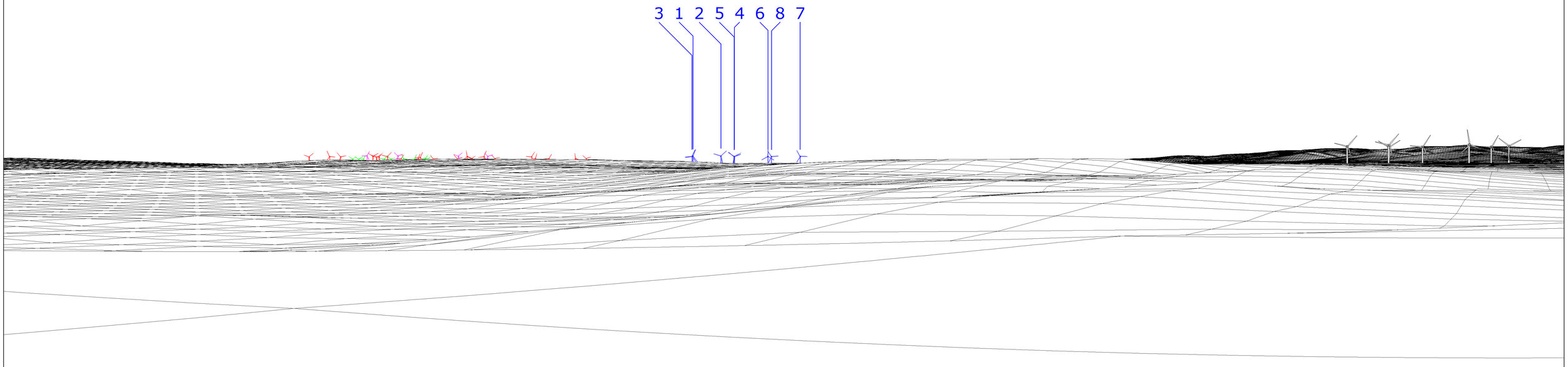
Figure 122:
Viewpoint 28 - Baseline Photograph & Wireline

OS Reference:	589432E, 701234N(ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	72m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	65 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	18,942m to T2			Date & Time:	20/10/2022 14:12

Figure 123:
Viewpoint 28 - Photomontage & Wireline

OS Reference:	589432E, 701234N(ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	72m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	65 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	18,942m to T2			Date & Time:	20/10/2022 14:12

Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
Orange Turbines: Existing Skehanagh Wind Farm
Purple Turbines: Existing Carrig Wind Farm
Black Turbines: Proposed Carrig Renewables Wind Farm



Wireline Drawing - Proposed Wind Turbines (114m Hub & 172m Rotor)

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Figure 124:
Viewpoint 28 - Wireline

OS Reference:	589432E, 701234N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	72m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	65 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	18,942m to T2			Date & Time:	20/10/2022 14:12

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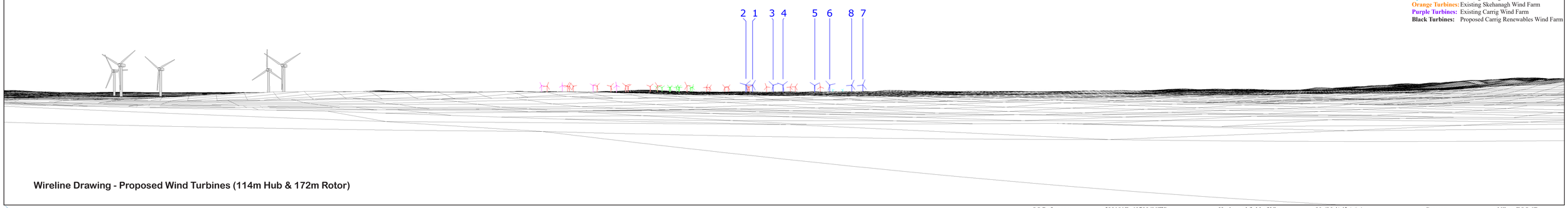
Figure 125:
Viewpoint 28 - Photomontage

OS Reference:	589432E, 701234N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	72m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	65 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	18,942m to T2			Date & Time:	20/10/2022 14:12

Extent of central 50mm frame used to construct panorama

Extent of 53.5° planar panorama

Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
Orange Turbines: Existing Skehanagh Wind Farm
Purple Turbines: Existing Carrig Wind Farm
Black Turbines: Proposed Carrig Renewables Wind Farm



Wireline Drawing - Proposed Wind Turbines (114m Hub & 172m Rotor)

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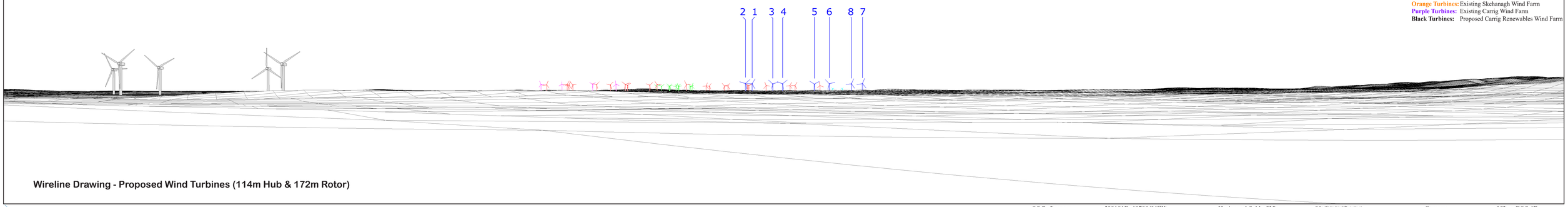
Figure 126:
Viewpoint 29 - Baseline Photograph & Wireline

OS Reference:	599181E, 697996N (ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	86m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	33 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	13,815m to T2			Date & Time:	13/01/2023 14:52

Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
Orange Turbines: Existing Skehanagh Wind Farm
Purple Turbines: Existing Carrig Wind Farm
Black Turbines: Proposed Carrig Renewables Wind Farm



Wireline Drawing - Proposed Wind Turbines (114m Hub & 172m Rotor)

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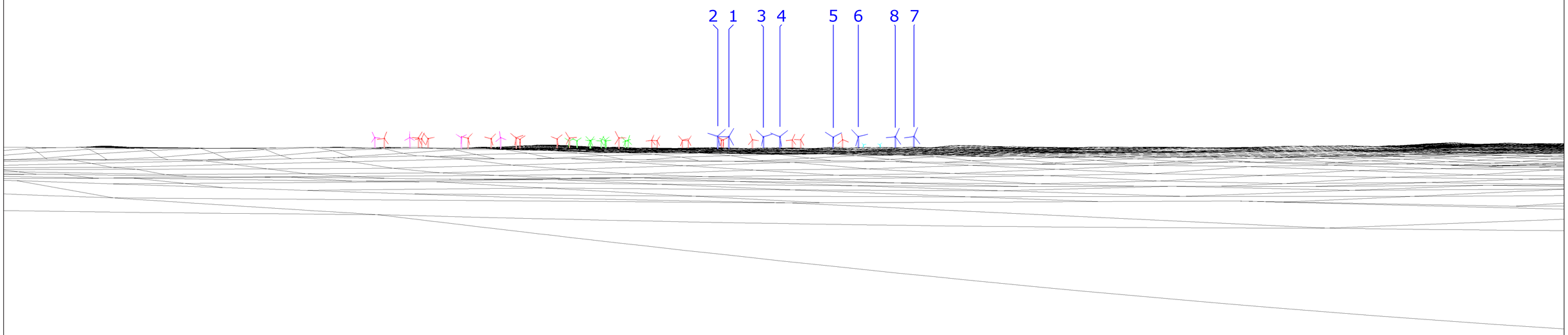
Figure 127:
Viewpoint 29 - Photomontage & Wireline

OS Reference:	599181E, 697996N (ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	86m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	33 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	13,815m to T2			Date & Time:	13/01/2023 14:52

Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
Orange Turbines: Existing Skehanagh Wind Farm
Purple Turbines: Existing Carrig Wind Farm
Black Turbines: Proposed Carrig Renewables Wind Farm



Wireline Drawing - Proposed Wind Turbines (114m Hub & 172m Rotor)

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Figure 128:
Viewpoint 29 - Wireline

OS Reference:	599181E, 697996N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	86m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	33 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	13,815m to T2			Date & Time:	13/01/2023 14:52

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Figure 129:
Viewpoint 29 - Photomontage

OS Reference:	599181E, 697996N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	86m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	33 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	13,815m to T2			Date & Time:	13/01/2023 14:52

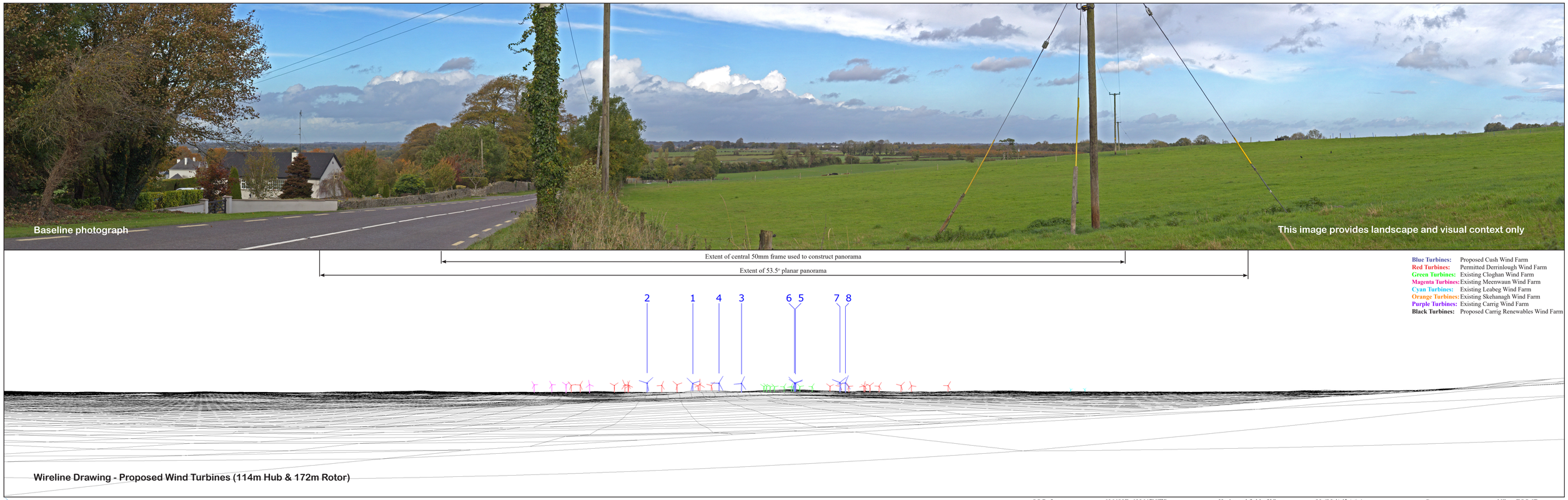


Figure 130:
Viewpoint 30 - Baseline Photograph & Wireline

OS Reference:	606480E, 699647N (ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	93m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	7 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	10,183m to T2			Date & Time:	26/10/2022 14:34

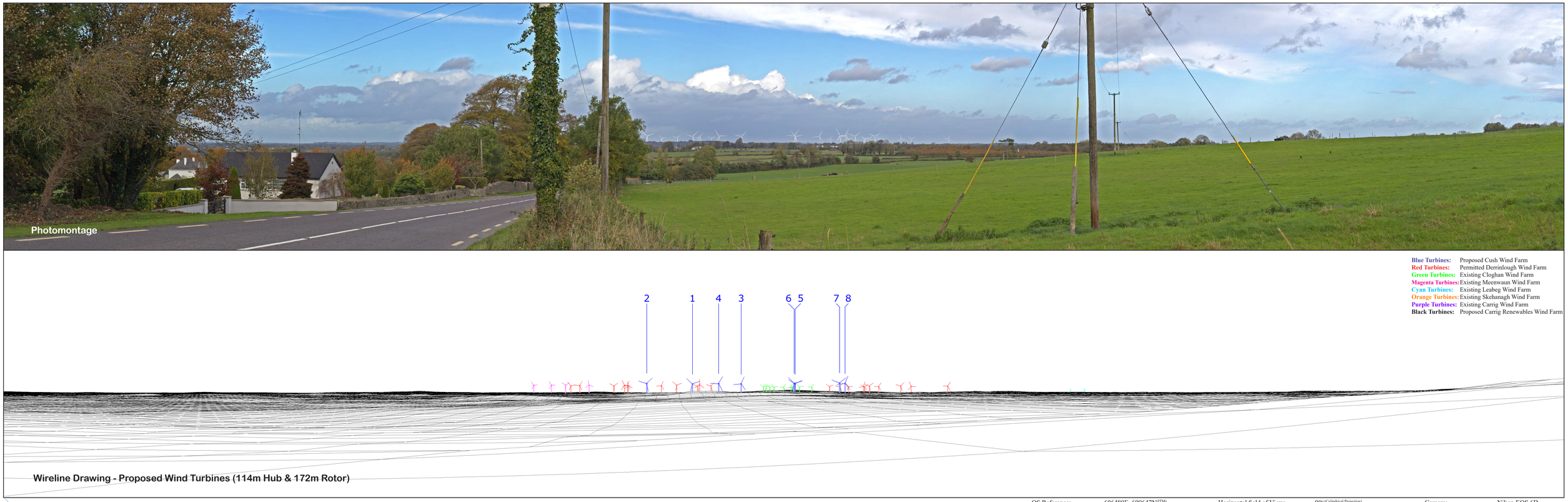
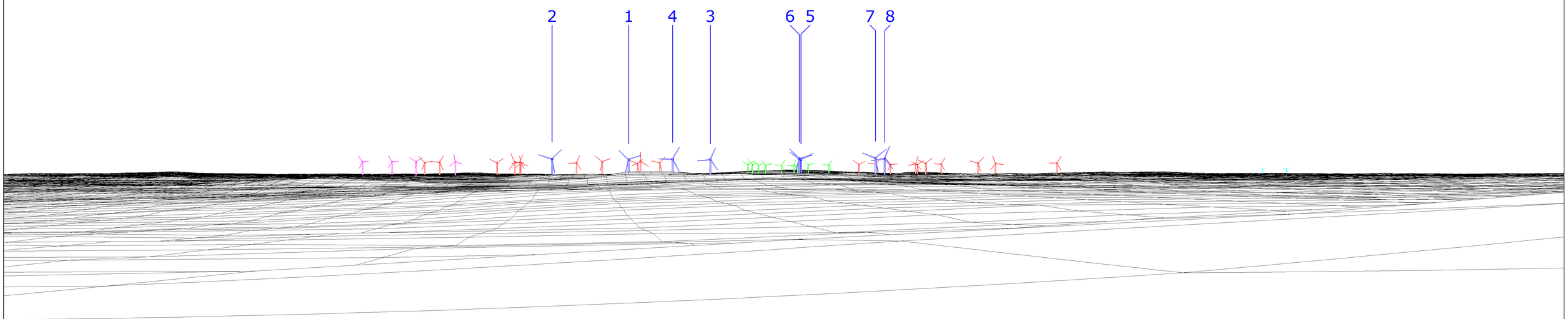


Figure 131:
Viewpoint 30 - Photomontage & Wireline

OS Reference:	606480E, 699647N (ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	93m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	7 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	10,183m to T2			Date & Time:	26/10/2022 14:34

Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
Orange Turbines: Existing Skehanagh Wind Farm
Purple Turbines: Existing Carrig Wind Farm
Black Turbines: Proposed Carrig Renewables Wind Farm



Wireline Drawing - Proposed Wind Turbines (114m Hub & 172m Rotor)

GALETECH ENERGY SERVICES

Figure 132:
Viewpoint 30 - Wireline

OS Reference:	606480E, 699647N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	93m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	7 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	10,183m to T2			Date & Time:	26/10/2022 14:34

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Figure 133:
Viewpoint 30 - Photomontage

OS Reference:	606480E, 699647N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	93m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	7 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	10,183m to T2			Date & Time:	26/10/2022 14:34

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Figure 134:
Viewpoint 31 - Baseline Photograph & Wireline

OS Reference:	612696E, 697440N(ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	167m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	337 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	13,061m to T7			Date & Time:	26/10/2022 14:05

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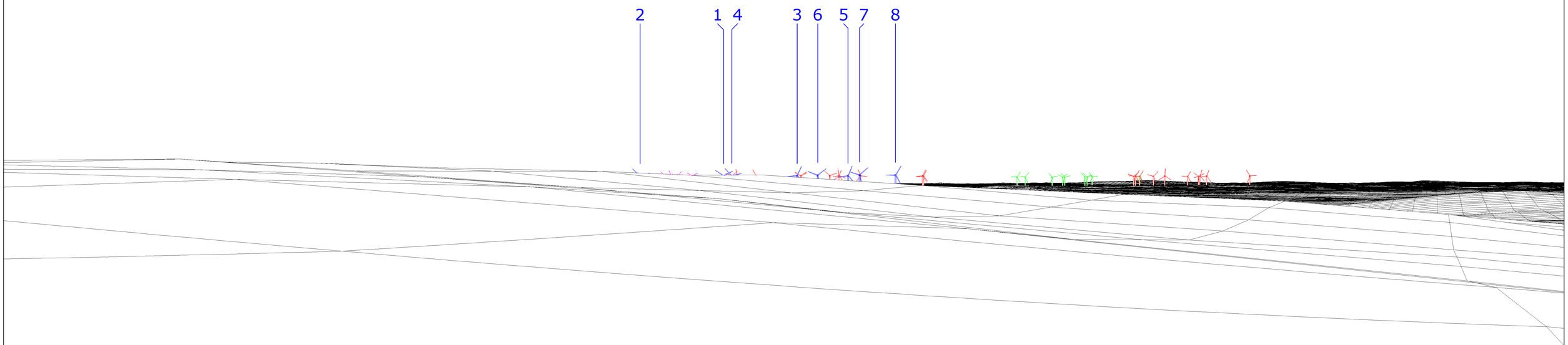
Figure 135:
Viewpoint 31 - Photomontage & Wireline

OS Reference:	612696E, 697440N(ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	167m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	337 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	13,061m to T7			Date & Time:	26/10/2022 14:05

Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
Orange Turbines: Existing Skehanagh Wind Farm
Purple Turbines: Existing Carrig Wind Farm
Black Turbines: Proposed Carrig Renewables Wind Farm



Wireline Drawing - Proposed Wind Turbines (114m Hub & 172m Rotor)

GALETECH ENERGY SERVICES

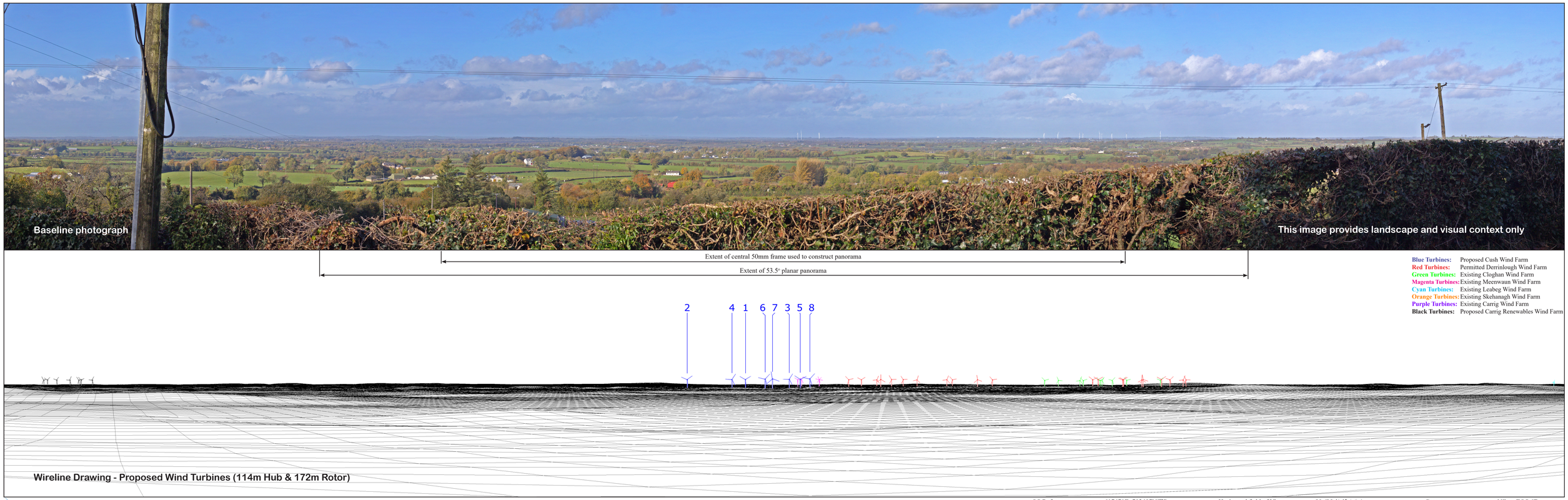
Figure 136:
Viewpoint 31 - Wireline

OS Reference:	612696E, 697440N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	167m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	337 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	13,061m to T7			Date & Time:	26/10/2022 14:05

GALETECH ENERGY SERVICES

Figure 137:
Viewpoint 31 - Photomontage

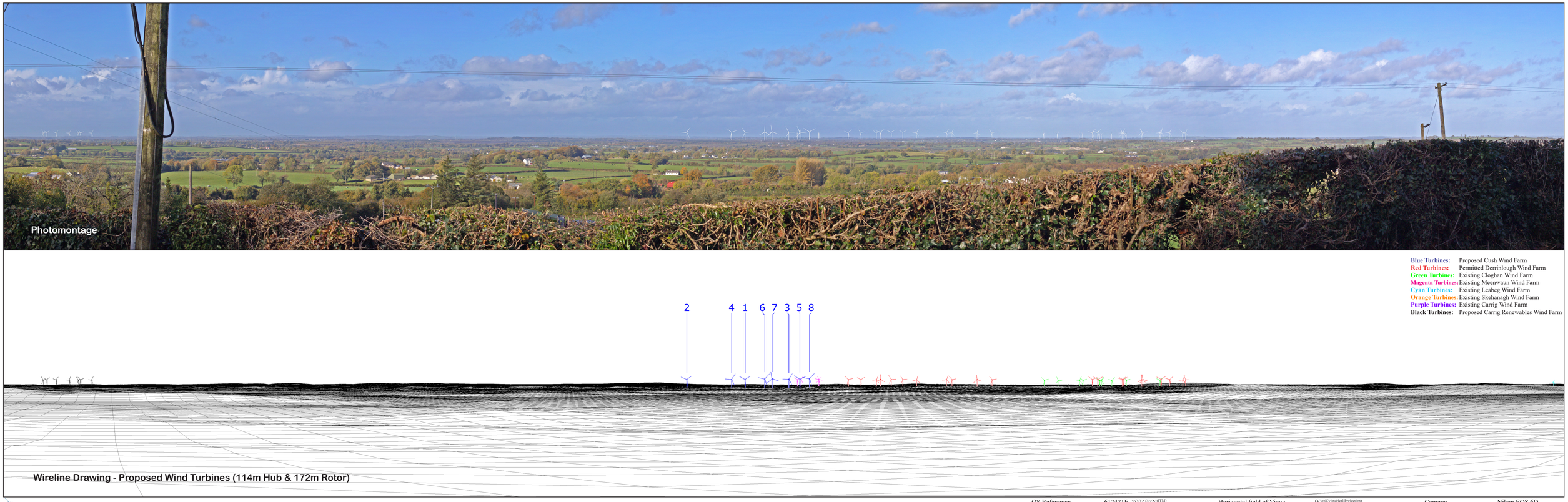
OS Reference:	612696E, 697440N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	167m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	337 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	13,061m to T7			Date & Time:	26/10/2022 14:05



GALETECH ENERGY SERVICES

Figure 138:
Viewpoint 32 - Baseline Photograph & Wireline

OS Reference:	617471E, 702497N(ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	151m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	309 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	11,694m to T7			Date & Time:	26/10/2022 13:34

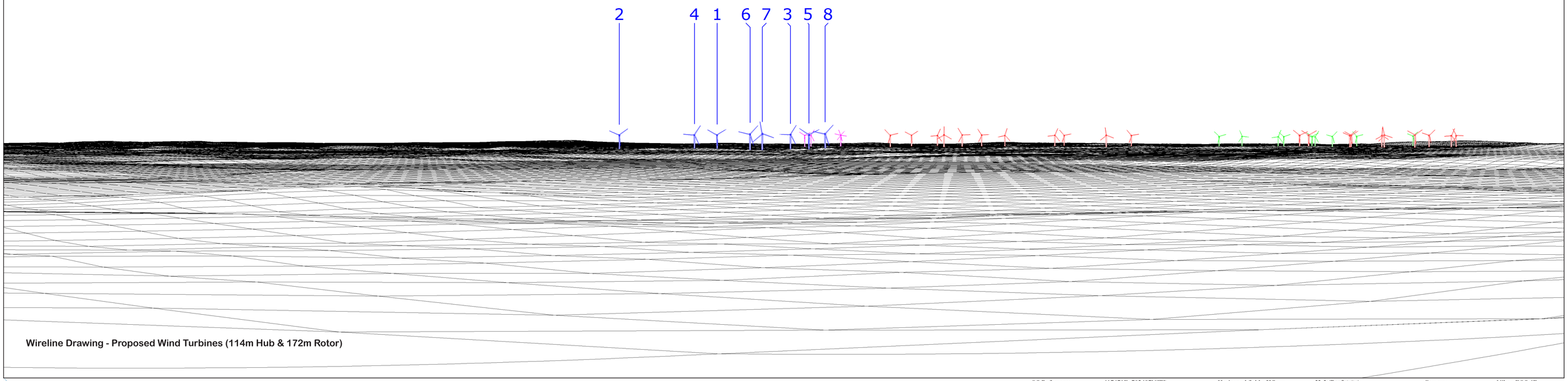


GALETECH ENERGY SERVICES

Figure 139:
Viewpoint 32 - Photomontage & Wireline

OS Reference:	617471E, 702497N(ITM)	Horizontal field of View:	90° (Cylindrical Projection)	Camera:	Nikon EOS 6D
Eye Level:	151m AOD	Principal distance:	522mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	309 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	11,694m to T7			Date & Time:	26/10/2022 13:34

Blue Turbines: Proposed Cush Wind Farm
Red Turbines: Permitted Derrinlough Wind Farm
Green Turbines: Existing Cloghan Wind Farm
Magenta Turbines: Existing Meenwaun Wind Farm
Cyan Turbines: Existing Leabeg Wind Farm
Orange Turbines: Existing Skehanagh Wind Farm
Purple Turbines: Existing Carrig Wind Farm
Black Turbines: Proposed Carrig Renewables Wind Farm



Wireline Drawing - Proposed Wind Turbines (114m Hub & 172m Rotor)

GALETECH ENERGY SERVICES

Figure 140:
Viewpoint 32 - Wireline

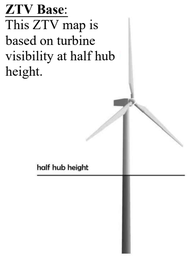
OS Reference:	617471E, 702497N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	151m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	309 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	11,694m to T7			Date & Time:	26/10/2022 13:34

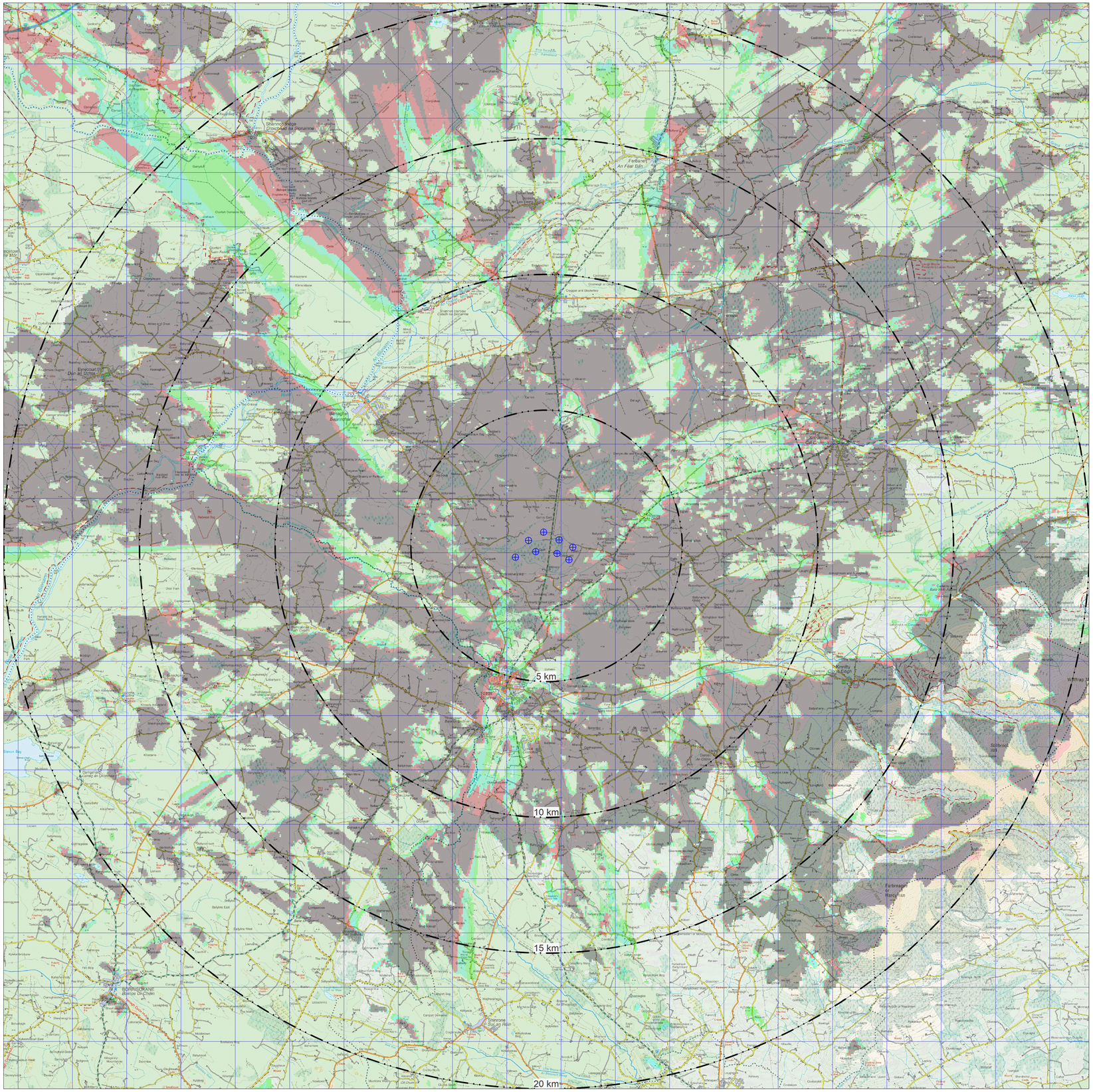
GALETECH ENERGY SERVICES

Figure 141:
Viewpoint 32 - Photomontage

OS Reference:	617471E, 702497N (ITM)	Horizontal field of View:	53.5° (Planar Projection)	Camera:	Nikon EOS 6D
Eye Level:	151m AOD	Principal distance:	812.5mm	Lens:	50mm (Nikon f/1.8)
Direction of View:	309 degrees	Correct Printed Image Size:	820 x 260mm	Camera height:	1.5m AGL
Nearest Turbine:	11,694m to T7			Date & Time:	26/10/2022 13:34

ZTV Base:
This ZTV map is based on turbine visibility at half hub height.





Description:
A 20km Radius Zone of Theoretical Visibility map for the proposed wind farm at half hub height.

The ZTV represents a 'worst case scenario' as it does not take into account the potential screening of views by buildings or vegetation

Legend:

Proposed Wind Turbine Locations ⊕

Number of turbines theoretically visible

1 to 2	
3 to 4	
5 to 6	
7 to 8	

Date:	Rev:	Description:	Drawn By:

Prepared by:

Galetech Energy Services,
Clondargan,
Stradone,
Co. Cavan

Client:

Cush Wind Limited

Job Title:

Cush Wind Farm

Drawing Title:

Figure 142: ZTV map at half hub height

Drawing No.:	Revision No.:
CUS001_PAS_PHO_02	0
Scale:	**Date:**
(A1) 1:75,000	27/11/2023

Drawn By:	Checked By:	Confirmed By:
J.B.	C.M.P.	D.O.

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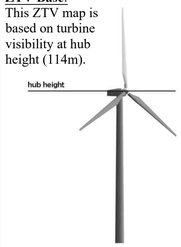
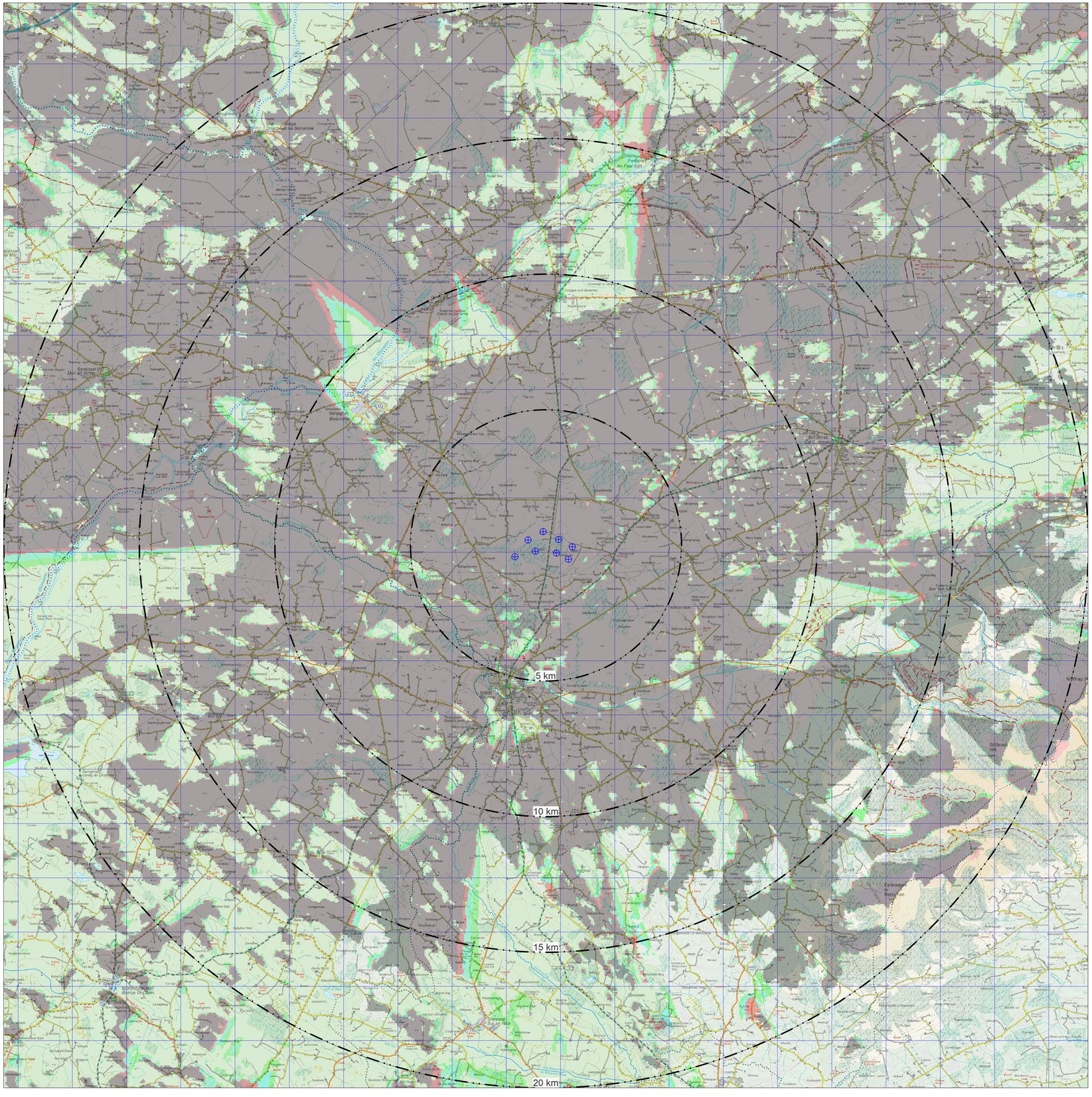
ZTV Base:
This ZTV map is based on turbine visibility at hub height (114m).





Description:
A 20km Radius Zone of Theoretical Visibility map for the proposed wind farm at hub height.

The ZTV represents a 'worst case scenario' as it does not take into account the potential screening of views by buildings or vegetation

Legend:

Proposed Wind Turbine Locations ⊕

Number of turbines theoretically visible

1 to 2	
3 to 4	
5 to 6	
7 to 8	

Date:	Rev:	Description:	Drawn By:

Prepared by:

GALETECH ENERGY SERVICES

Galetech Energy Services,
Clondargan,
Stradone,
Co. Cavan

Client:

Cush Wind Limited

Job Title:

Cush Wind Farm

Drawing Title:

Figure 143: ZTV map at hub height

Drawing No.:	Revision No.:
CUS001_PAS_PHO_03	0
Scale:	**Date:**
(A1) 1:75,000	27/11/2023

Drawn By:	Checked By:	Confirmed By:
J.B.	C.M.P.	D.O.

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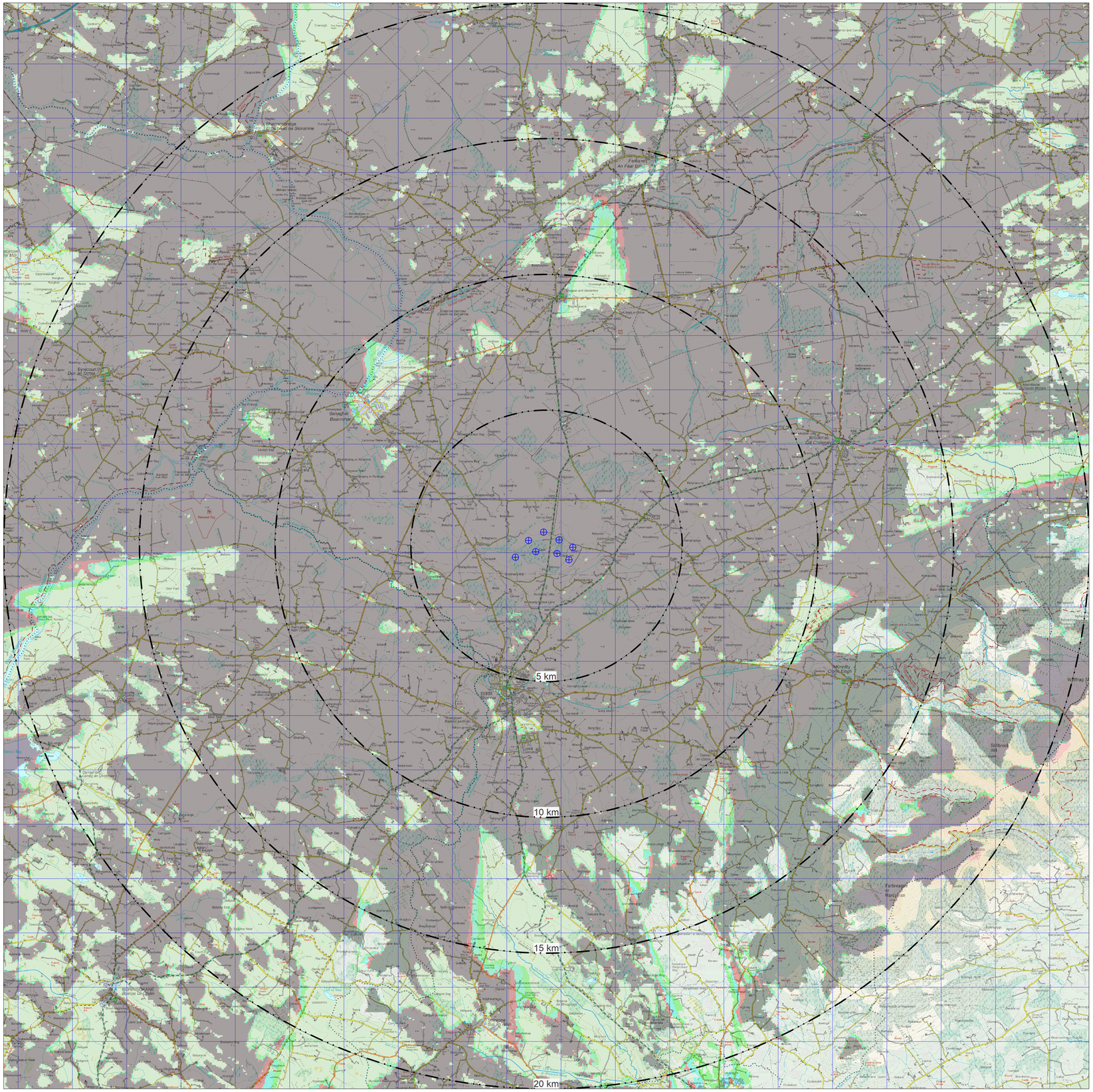
ZTV Base:

Turbine Tip Height

This ZTV map is based on turbine visibility at tip height (200m).



Description:
A 20km Radius Zone of Theoretical Visibility map for the proposed wind farm at tip height.

The ZTV represents a 'worst case scenario' as it does not take into account the potential screening of views by buildings or vegetation

Legend:

Proposed Wind Turbine Locations ⊕

Number of turbines theoretically visible

- 1 to 2
- 3 to 4
- 5 to 6
- 7 to 8

Date:	Rev:	Description:	Drawn By:

Prepared by:

Galetech Energy Services,
Clondargan,
Stradone,
Co. Cavan

Client:

Cush Wind Limited

Job Title:

Cush Wind Farm

Drawing Title:

Figure 144: ZTV map at tip height

Drawing No.:	Revision No.:
CUS001_PAS_PHO_04	0
Scale:	**Date:**
(A1) 1:75,000	27/11/2023

Drawn By:	Checked By:	Confirmed By:
J.B.	C.M.P.	D.O.

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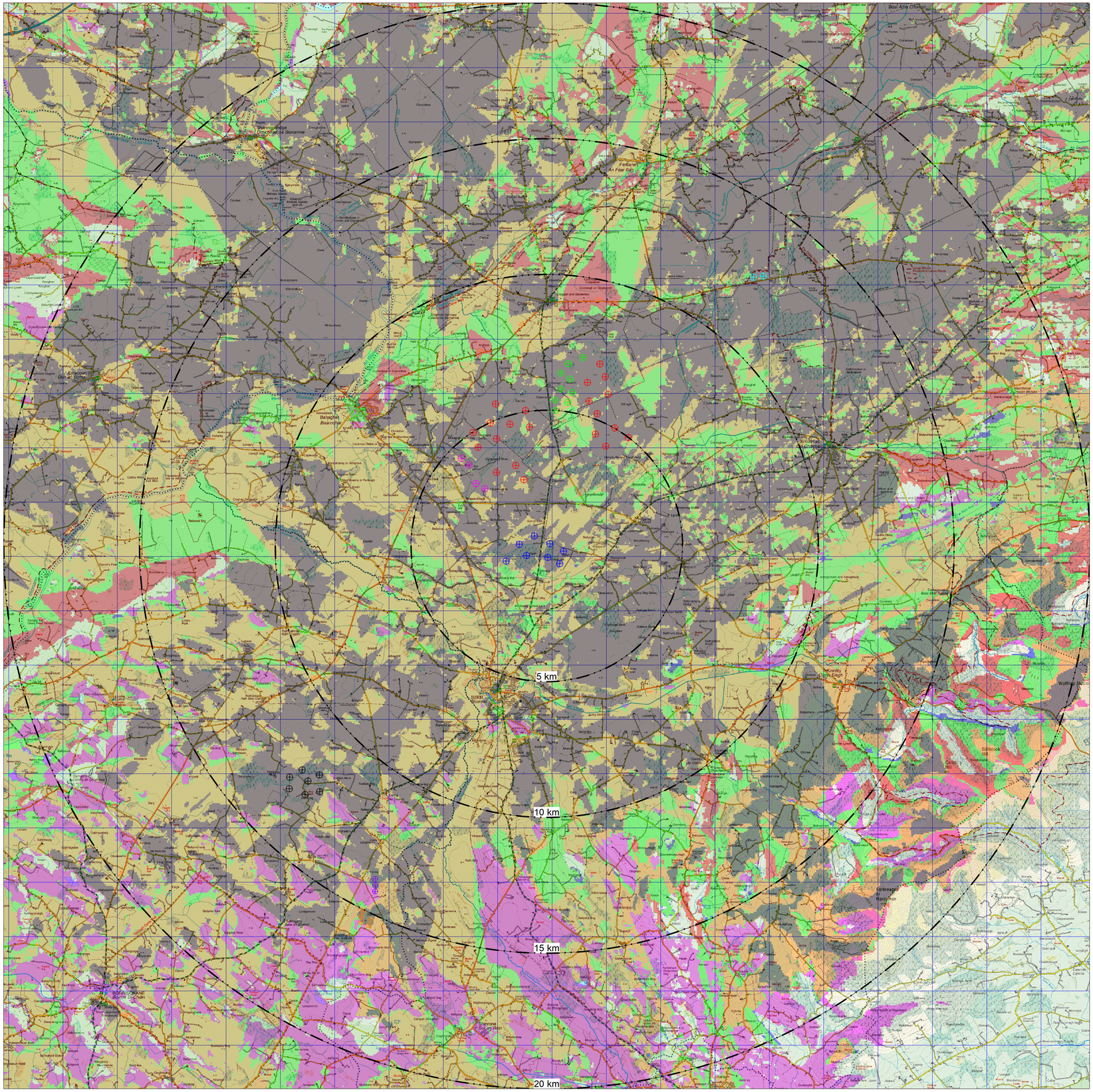
ZTV Base:

Turbine Tip Height

This ZTV map is based on cumulative turbine visibility at tip height.



Description:
A 20km Radius Cumulative Zone of Theoretical Visibility map for all wind farms within 20km of the proposed wind farm at tip height.

The ZTV represents a 'worst case scenario' as it does not take into account the potential screening of views by buildings or vegetation

Legend:

- Proposed Cush Wind Farm
- Consented Derrinlough Wind Farm
- Existing Cloghan Wind Farm
- Existing Meenwaun Wind Farm
- Existing Leabeg Wind Farm
- Existing Skehanagh Wind Farm
- Existing Carrig Wind Farm
- Proposed Carrig Renewables Wind Farm

Number of turbines theoretically visible:

- Proposed Wind Farm Only
- Derrinlough Wind Farm Only, Cloghan Wind Farm Only, Meenwaun Wind Farm Only, Leabeg Wind Farm Only, (One Visible/Two Visible/Three Visible/All Visible)
- Skehanagh Wind Farm Only, Carrig Wind Farm Only, Carrig Renewables Wind Farm Only or both
- Two of the above
- Three of the above
- All Wind Farms

Date:	Rev:	Description:	Drawn By:

Prepared by:

Galetech Energy Services,
Clondargan,
Stradone,
Co. Cavan

Client:

Cush Wind Limited

Job Title:

Cush Wind Farm

Drawing Title:

Figure 145: Cumulative ZTV Map

Drawing No.:	Revision No.:
CUS001_PAS_PHO_05	0
Scale:	**Date:**
(A1) 1:75,000	27/11/2023

Drawn By:	Checked By:	Confirmed By:
J.B.	C.M.P.	D.O.

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