

### Wireline drawing

Stubsgill Wind Turbine Repowering

OS reference: Eye Level: 71.6 m AOD Direction of view: 107° Distance to turbine: 1181 m

**300736 E 523675 N** Camera: Lens:

Camera height: 1.63 m AGL Date and time: 27/02/2024 15:15

Canon EOS 6DHorizontal field of view:90° (cylindrical projection)Canon RF 50mm f1.8Principal distance:522mm



# Wireline Drawing

Stubsgill Wind Turbine Repowering

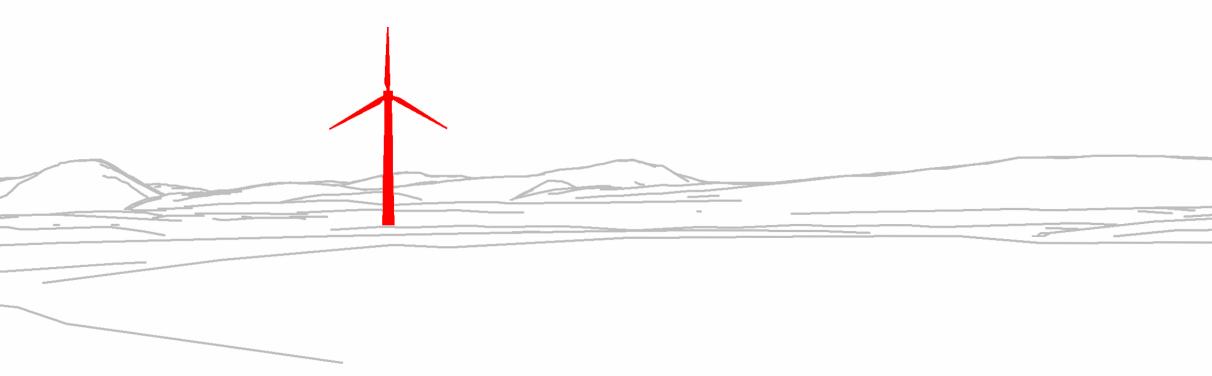
OS reference: Eye Level: 71.6 m AOD Direction of view: 107° Distance to turbine: 1181 m

300736 E 523675 N Camera: Lens:

Canon EOS 6D Canon RF 50mm f1.8 Principal distance: Camera height: 1.63 m AGL

Horizontal field of view: Paper size: Date and time:27/02/2024 15:15Correct printed image size:820 x 260 mm

53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1)



### View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height

Figure: 4.1 Viewpoint 1: Distington





OS reference: Eye Level:71.6 mDirection of view:107° Distance to turbine: 1181 m

300736 E 523675 N 71.6 m AOD

Camera:Canon EOS 6DHorizontal field of view:53.5° (planar projection)Lens:Canon RF 50mm f1.8Principal distance:812.5 mmCamera height:1.63 m AGLPaper size:841 x 297 mm (half A1)Date and time:27/02/2024 15:15Correct printed image size:820 x 260 mm

Figure: 4.1 Viewpoint 1: Distington





OS reference: Eye Level:71.6 mDirection of view:107° Distance to turbine: 1181 m

300736 E 523675 N 71.6 m AOD

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Figure: 4.1 Viewpoint 1: Distington





### Wireline drawing

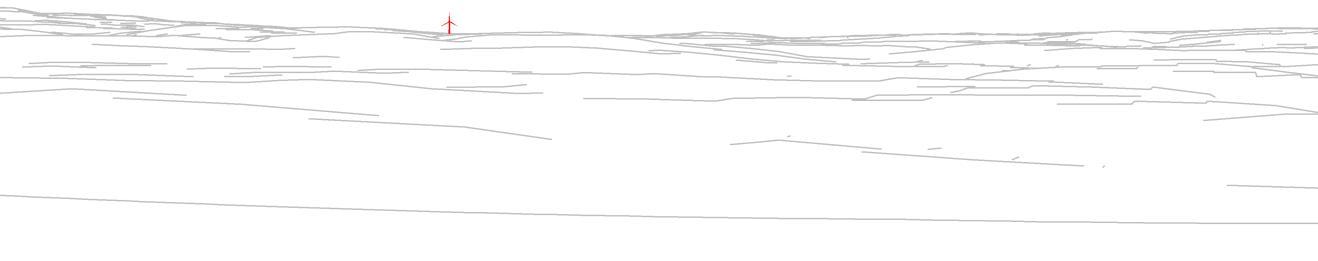
Stubsgill Wind Turbine Repowering

OS reference: Eye Level: 111.2 m AOD Direction of view: 247° Distance to turbine: 5675 m

**307112 E 525506 N** Camera: Lens:

Camera height: 1.63 m AGL Date and time: 11/03/2024 11:12

Canon EOS 6DHorizontal field of view:90° (cylindrical projection)Canon RF 50mm f1.8Principal distance:522mm







Distance to turbine: 5675 m

Lens:

### Wireline Drawing **307112 E 525506 N** Camera: OS reference: Canon EOS 6D 53.5° (planar projection) Horizontal field of view: Stubsgill Wind Turbine Repowering Eye Level: 111.2 m AOD Canon RF 50mm f1.8 Principal distance: 812.5 mm 841 x 297 mm (half A1) Direction of view: 247° Camera height: 1.63 m AGL Paper size: Date and time: 11/03/2024 11:12 Correct printed image size: 820 x 260 mm



View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height







OS reference: Eye Level: 111.2 m AOD Direction of view: 247° Distance to turbine: 5675 m

307112 E 525506 N Camera: Lens: Date and time:

Canon EOS 6D Camera height: 1.63 m AGL 11/03/2024 11:12

Horizontal field of view: Canon RF 50mm f1.8 Principal distance: Paper size: Correct printed image size: 820 x 260 mm

53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1)



View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height

Figure: 4.2 Viewpoint 2: Shawbank Brow, Dean





307112 E 525506 N OS reference: Eye Level: 111.2 m AOD Direction of view: 247° Distance to turbine: 5675 m

Camera: Lens: Date and time:

Canon EOS 6D Camera height: 1.63 m AGL 11/03/2024 11:12

Horizontal field of view: Canon RF 50mm f1.8 Principal distance: Paper size: Correct printed image size: 820 x 260 mm

53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1)

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height

Figure: 4.2 Viewpoint 2: Shawbank Brow, Dean





### Wireline drawing

Stubsgill Wind Turbine Repowering

OS reference: Eye Level: 132.6 m AOD Direction of view: 275° Distance to turbine: 963 m

**302827 E 523241 N** Camera: Lens:

Canon RF 50mm f1.8 Principal distance: 522mm Camera height: 1.63 m AGL Date and time: 27/02/2024 14:56

Canon EOS 6DHorizontal field of view:90° (cylindrical projection)

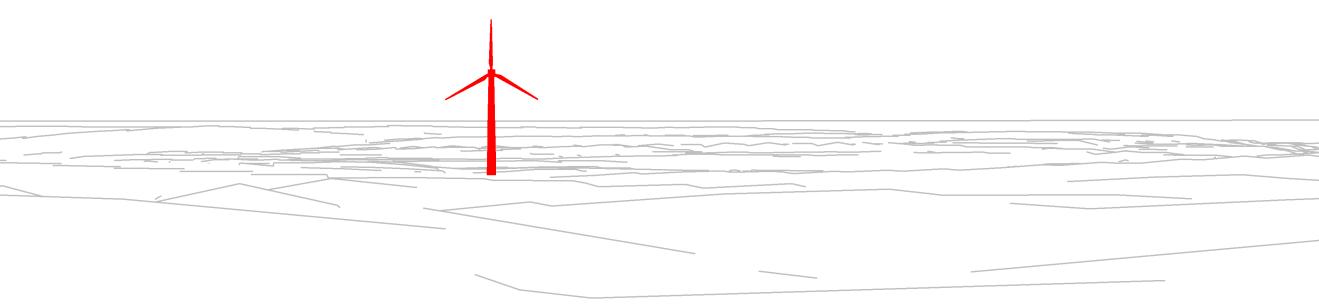




Figure: 4.3 Viewpoint 3: Gilgarren

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### Wireline Drawing

Stubsgill Wind Turbine Repowering

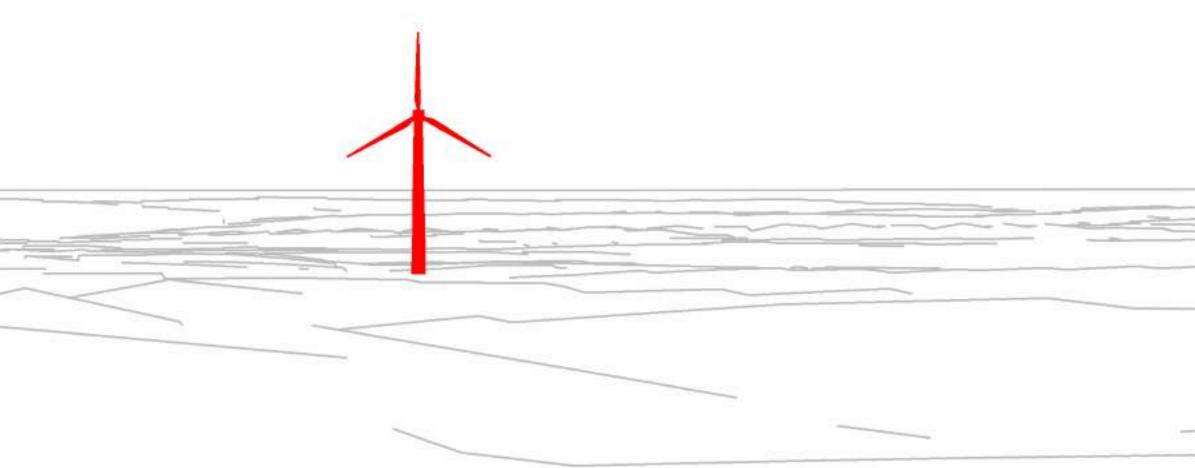
OS reference: Eye Level:132.6 m AODLens: Direction of view: 275° Distance to turbine: 963 m

**302827 E 523241 N** Camera:

Canon EOS 6D Horizontal field of view: Canon RF 50mm f1.8 Principal distance: Camera height: 1.63 m AGL Paper size:

Date and time:27/02/2024 14:56Correct printed image size:820 x 260 mm

53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1)



View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height







302827 E 523241 N OS reference: Eye Level: 132.6 m AOD Direction of view: 275° Distance to turbine: 963 m

Camera: Lens: Camera height: 1.63 m AGL

Canon EOS 6D Canon RF 50mm f1.8 Principal distance:

Horizontal field of view: Paper size: Date and time:27/02/2024 14:56Correct printed image size:820 x 260 mm

53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1)

TRO DE View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height

> Figure: 4.3 Viewpoint 3: Gilgarren



### Photomontage

# Stubsgill Wind Turbine Repowering

OS reference: Eye Level: 132.6 m AOD Direction of view: 275° Distance to turbine: 963 m

302827 E 523241 N Camera: Lens:

Canon EOS 6D Camera height: 1.63 m AGL

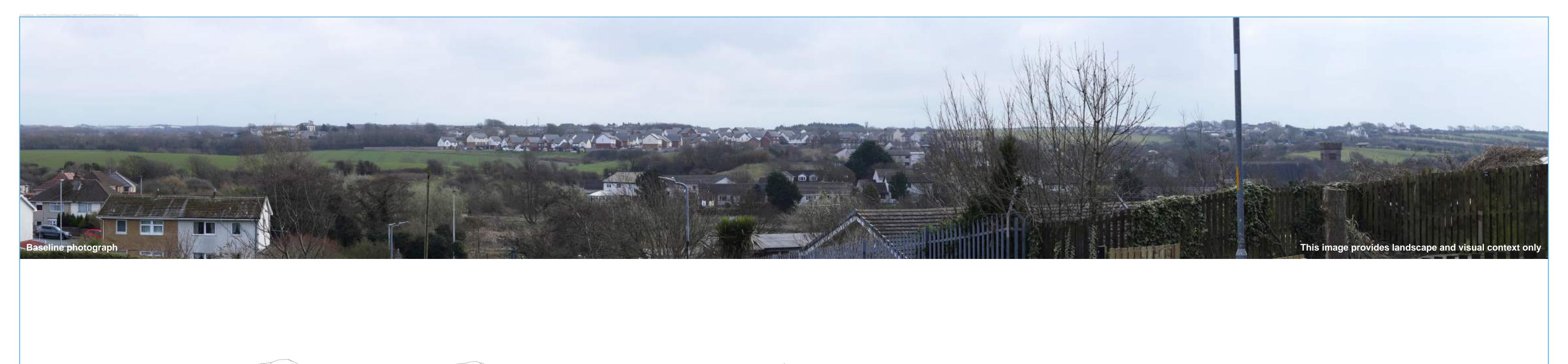
Horizontal field of view: Canon RF 50mm f1.8 Principal distance: Paper size: Date and time: 27/02/2024 14:56 Correct printed image size: 820 x 260 mm

53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1)

The T View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height

> Figure: 4.3 Viewpoint 3: Gilgarren





### Wireline drawing

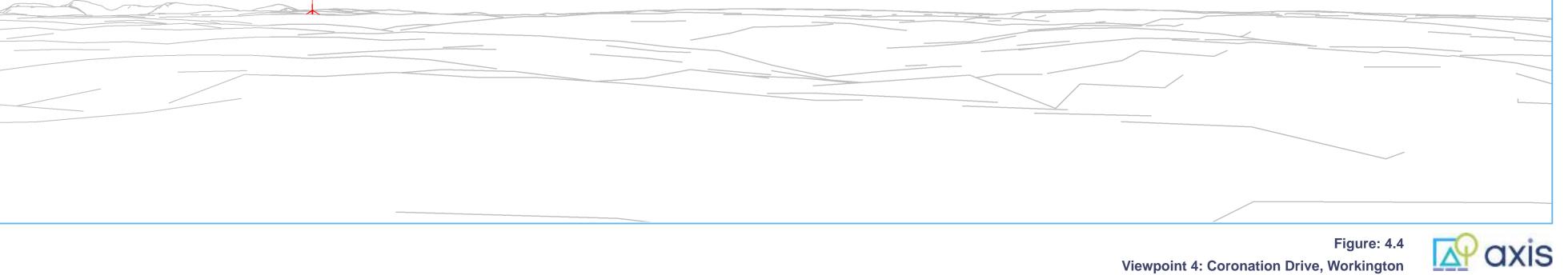
Stubsgill Wind Turbine Repowering

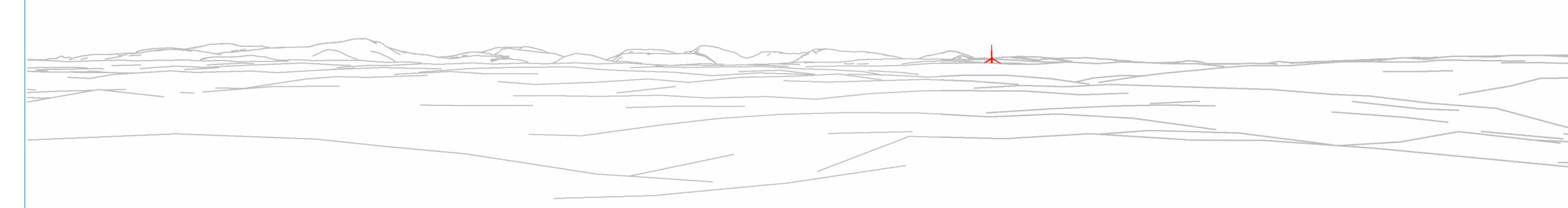
OS reference: Eye Level: 39 m AOD Direction of view: 136° Distance to turbine: 3657 m

299352 E 525990 N Camera: Lens:

Camera height: 1.63 m AGL Date and time: 11/03/2024 11:40

Canon EOS 6DHorizontal field of view:90° (cylindrical projection)Canon RF 50mm f1.8Principal distance:522mm





### Wireline Drawing

Stubsgill Wind Turbine Repowering

OS reference: Eye Level: 39 m AOD Direction of view: **136°** Distance to turbine: 3657 m

299352 E 525990 N Camera: Lens:

Canon EOS 6D Camera height: 1.63 m AGL Paper size:

Horizontal field of view: Canon RF 50mm f1.8 Principal distance: Date and time:11/03/2024 11:40Correct printed image size:820 x 260 mm

53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1)

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height

Figure: 4.4 Viewpoint 4: Coronation Drive, Workington





OS reference:299352Eye Level:39 m ADirection of view:136° 299352 E 525990 N 39 m AOD Distance to turbine: 3657 m

Camera: Lens: Date and time:

Canon EOS 6D Camera height: 1.63 m AGL 11/03/2024 11:40

Horizontal field of view:53.5° (planar projection)8Principal distance:812.5 mmPaper size:841 x 297 mm (half A1)Correct printed image size:820 x 260 mm Canon RF 50mm f1.8 Principal distance:

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height

Figure: 4.4 Viewpoint 4: Coronation Drive, Workington





OS reference:299352Eye Level:39 m ADirection of view:136° 299352 E 525990 N 39 m AOD Distance to turbine: 3657 m

Camera: Lens: Date and time:

Canon EOS 6D Camera height: 1.63 m AGL 11/03/2024 11:40

Horizontal field of view: 53.5° (planar projection) 8 Principal distance: 812.5 mm Paper size: 841 x 297 mm (half A1) Correct printed image size: 820 x 260 mm Canon RF 50mm f1.8 Principal distance:

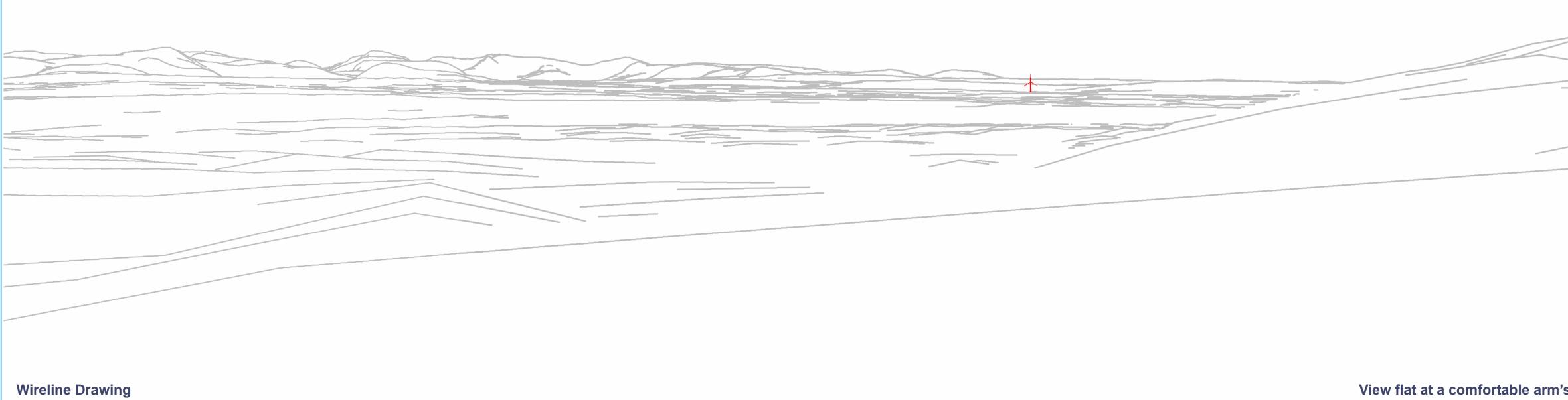
View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height

Figure: 4.4 Viewpoint 4: Coronation Drive, Workington









OS reference: Eye Level: 19.9 m AOD Direction of view: 151° Distance to turbine: 6981 m

298448 E 529423 N Camera: Lens:

Canon EOS 6D Canon RF 50mm f1.8 Principal distance: Camera height: 1.63 m AGL Paper size: 
 Date and time:
 27/02/2024 15:51
 Correct printed image size:
 820 x 260 mm

Horizontal field of view:

53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1)

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height





298448 E 529423 N OS reference: Eye Level: 19.9 m AOD Direction of view: 151° Distance to turbine: 6981 m

Camera: Lens:

Canon EOS 6D Camera height: 1.63 m AGL

Horizontal field of view: Canon RF 50mm f1.8 Principal distance: Paper size: Date and time: 27/02/2024 15:51 Correct printed image size: 820 x 260 mm

53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1)

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height

Figure: 4.5 Viewpoint 5: Workington Pier





298448 E 529423 N OS reference: Eye Level: 19.9 m AOD Direction of view: 151° Distance to turbine: 6981 m

Camera: Lens: Camera height: 1.63 m AGL

Canon EOS 6D Canon RF 50mm f1.8 Principal distance:

Horizontal field of view: Paper size: Date and time: 27/02/2024 15:51 Correct printed image size: 820 x 260 mm

53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1)

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height

Figure: 4.5 Viewpoint 5: Workington Pier



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Baseline photograph	
Wireline drawing	
Stubsgill Wind Turbine Repowering	OS reference:307105 E 531218 NCamera:Canon EOS 6DHorizontal field of view:90° (cylindrical projection)Eye Level:69.5 m AODLens:Canon RF 50mm f1.8Principal distance:522mmDirection of view:213°Camera height:1.63 m AGL11/03/2024 10:3811/03/2024 10:38







Figure: 4.6 Viewpoint 6: Footpath that stretches west from local road (Regional Route 71)

# Wireline Drawing

Stubsgill Wind Turbine Repowering

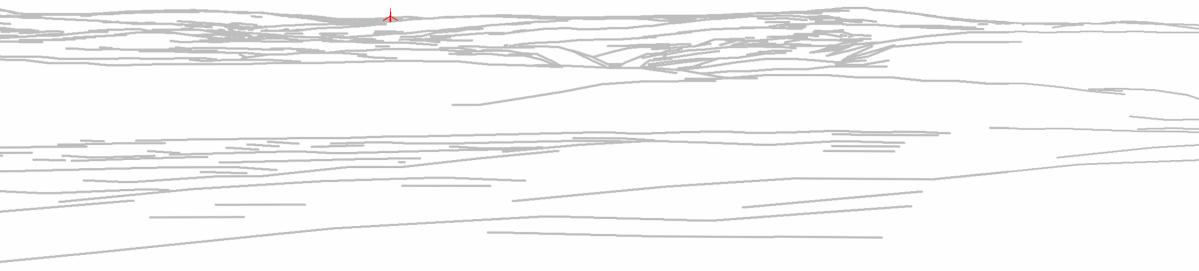
OS reference: Eye Level: 69.5 m AOD Direction of view: 213° Distance to turbine: 9463 m

**307105 E 531218 N** Camera: Lens: Camera height: 1.63 m AGL

Canon EOS 6D Canon RF 50mm f1.8 Principal distance:

Horizontal field of view: Paper size: Date and time:11/03/2024 10:38Correct printed image size:820 x 260 mm

53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1)



### View flat at a comfortable arm's

Viewpoint 6: Footpath that stretches west from local road (Regional Route 71)

s length. If viewing this image on a screen, enlarge to full screen height
Figure: 4.6





307105 E 531218 N OS reference: 69.5 m AOD Eye Level: Direction of view: 213° Distance to turbine: 9463 m

Camera: Lens: Date and time:

Canon EOS 6D Camera height: 1.63 m AGL 11/03/2024 10:38

Horizontal field of view: Canon RF 50mm f1.8 Principal distance: Paper size: Correct printed image size: 820 x 260 mm

53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1)

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height

Figure: 4.6 Viewpoint 6: Footpath that stretches west from local road (Regional Route 71)





307105 E 531218 N OS reference: 69.5 m AOD Eye Level: Direction of view: 213° Distance to turbine: 9463 m

Camera: Lens: Date and time:

Canon EOS 6D Camera height: 1.63 m AGL 11/03/2024 10:38

Horizontal field of view: Canon RF 50mm f1.8 Principal distance: Paper size: Correct printed image size: 820 x 260 mm

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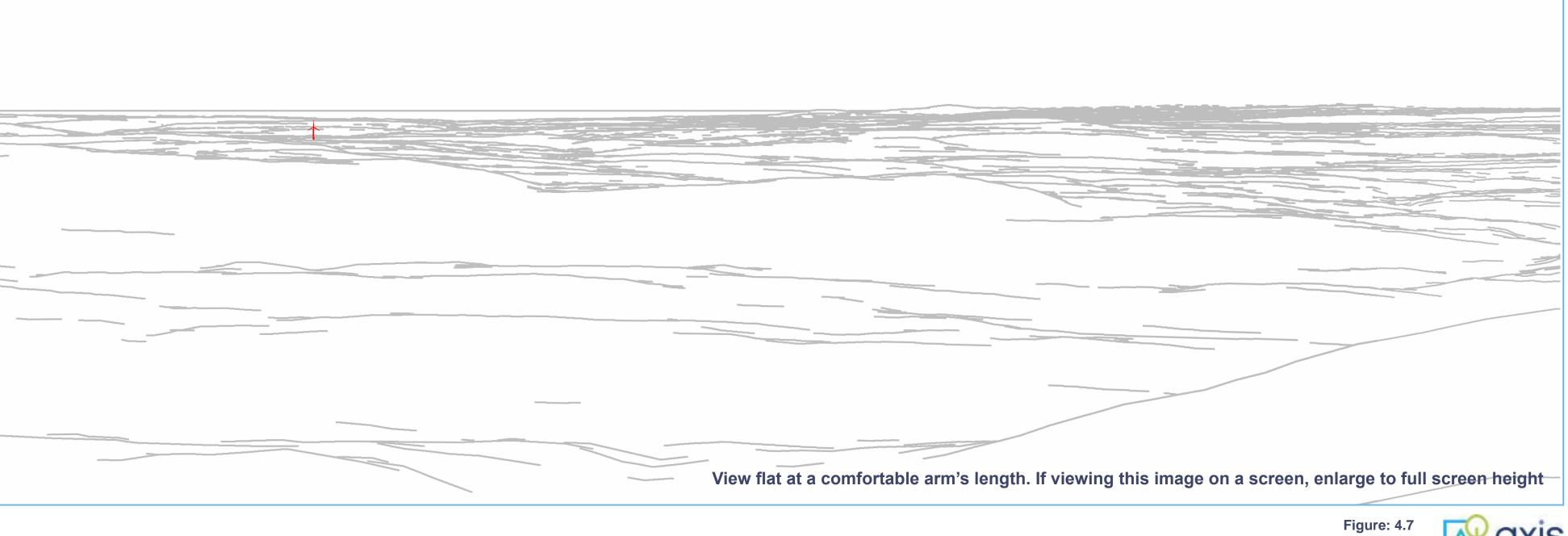
View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height

Figure: 4.6 Viewpoint 6: Footpath that stretches west from local road (Regional Route 71)





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and the second se					***		
		No. of Concession, Name of Street, or other Description, or other					
Wireline Drawing							
Milenie Brannig							
	OS reference:	311036 E 519681 N	Camera:	Canon EOS 6D	Horizontal field of view:	53.5° (planar projection)	
Stubsgill Wind	Eye Level:	572.4 m AOD	Lens:	Canon RF 50mm f1.8	Principal distance:	812.5 mm	
	Direction of view:	292°	Camera height:	1.63 m AGL	Paper size:	841 x 297 mm (half A1)	
Turbine Repowering	Distance to turbine:	292 9869 m	Date and time:	26/02/2024 13:01	Correct printed image size:	820 x 260 mm	
		3003 111	Date and time:	20/02/2024 13:01	Correct printed image size:	020 X 200 IIIII	



Viewpoint 7: Blake Fell





### Existing

Stubsgill Wind **Turbine Repowering** 

OS reference: 572.4 m AOD Eye Level: Direction of view: 292° Distance to turbine: 9869 m

311036 E 519681 N Camera: Lens:

Canon EOS 6D Camera height: 1.63 m AGL

Horizontal field of view: Canon RF 50mm f1.8 Principal distance: Paper size: Date and time:26/02/2024 13:01Correct printed image size:820 x 260 mm

53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1)

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height

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Figure: 4.7 Viewpoint 7: Blake Fell





### Photomontage

Stubsgill Wind **Turbine Repowering** 

OS reference: 572.4 m AOD Eye Level: Direction of view: 292° Distance to turbine: 9869 m

311036 E 519681 N Camera: Lens:

Canon EOS 6D Camera height: 1.63 m AGL

Horizontal field of view: Canon RF 50mm f1.8 Principal distance: Paper size: Date and time:26/02/2024 13:01Correct printed image size:820 x 260 mm

53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1)

View flat at a comfortable arm's length. If viewing this image on a screen, enlarge to full screen height

Figure: 4.7 Viewpoint 7: Blake Fell





OS reference: Eye Level: 147.95 m AOD Direction of view: 351.4° Distance to turbine: 1055 m

**302039 E 522294 N** Camera: Lens:

Camera height: 1.63 m AGL Date and time: **31/05/2024 09:44** 

Canon RF 50mm f1.8 Principal distance: 522mm

Canon EOS 6DHorizontal field of view:90° (cylindrical projection)



Figure: 4.8 Viewpoint 8: Springhill Farm Footpath

### Wireline Drawing

Stubsgill Wind Turbine Repowering

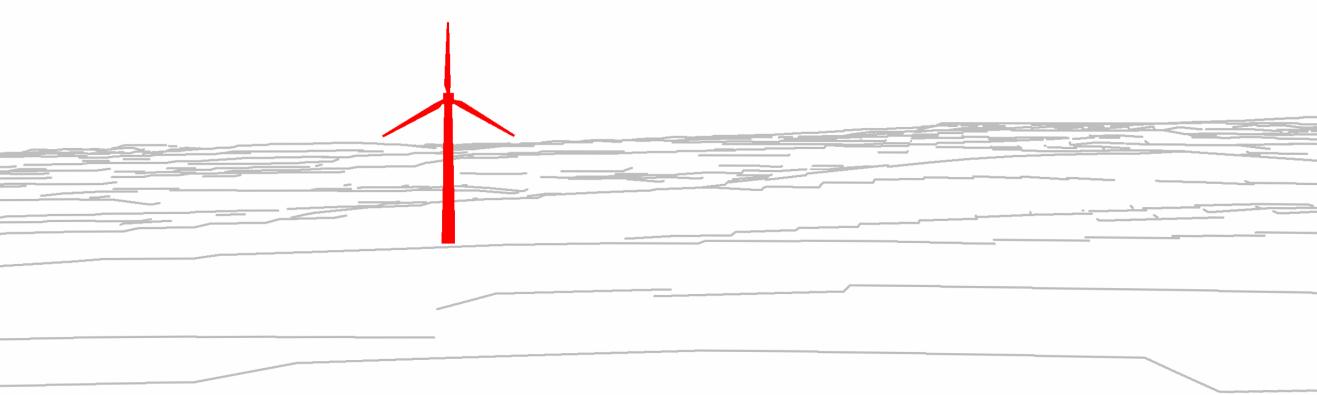
OS reference: Eye Level: Direction of view: 351.4° Distance to turbine: 1055 m

**302039 E 522294 N** Camera: 147.95 m AOD Lens:

Canon EOS 6D Canon RF 50mm f1.8 Principal distance: Camera height: 1.63 m AGL Paper size:

Horizontal field of view: Date and time:31/05/2024 09:44Correct printed image size:820 x 260 mm

53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1)



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302039 E 522294 N 147.95 m AOD

Camera: Lens: Camera height: 1.63 m AGL

Canon EOS 6D Canon RF 50mm f1.8 Principal distance:

Horizontal field of view: Paper size: Date and time: 31/05/2024 09:44 Correct printed image size: 820 x 260 mm

53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1)



Figure: 4.8 Viewpoint 8: Springhill Farm Footpath





302039 E 522294 N OS reference: Eye Level: 147.95 m AOD Direction of view: 351.4° Distance to turbine: 1055 m

Camera: Lens:

Canon EOS 6D Camera height: 1.63 m AGL

Horizontal field of view: Canon RF 50mm f1.8 Principal distance: Paper size: Date and time: 31/05/2024 09:44 Correct printed image size: 820 x 260 mm

53.5° (planar projection) 812.5 mm 841 x 297 mm (half A1)

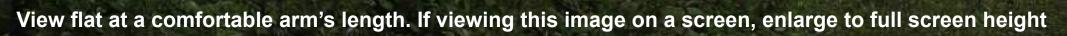


Figure: 4.8 Viewpoint 8: Springhill Farm Footpath

