



Title:	32. Winter view to kennels from foot-path south of Shab Hill	HFoV (°)	90	Visualisation type	1	View direction	North East
Date, time:	11 March 2020, 12:41	Scale/ Enlargement factor	96% at A1	Projection	Cylindrical	Camera (lens)	Nikon D610, FFS (Nikon 50mm)



Title:	32. Summer view to kennels from foot-path south of Shab Hill	HFoV (°)	90	Visualisation type	1	View direction	North East
Date, time:	19 September 2019, 13:12	Scale/ Enlargement factor	96% at A1	Projection	Cylindrical	Camera (lens)	Nikon D610, FFS (Nikon 50mm)



ARUP

Issue	Date	Comment	By	Chkd	Appd
C01	2021-05-20	DCO Application Submission (May 2021)	HS	AK	JP

A3 - Stage Completed



Title:	33. Winter view to Shab Hill from footpath between Barrow Wake and Stockwell	HFoV (°)	90	Visualisation type	1	View direction	East
Date, time:	15 January 2020, 12:40	Scale/ Enlargement factor	96% at A1	Projection	Cylindrical	Camera (lens)	Nikon D610, FFS (Nikon 50mm)



Title:	33. Summer view to Shab Hill from footpath between Barrow Wake and Stockwell	HFoV (°)	90	Visualisation type	1	View direction	East
Date, time:	19 September 2019, 14:17	Scale/ Enlargement factor	96% at A1	Projection	Cylindrical	Camera (lens)	Nikon D610, FFS (Nikon 50mm)



ARUP

Issue	Date	Comment	By	Chkd	Appd
C01	2021-05-20	DCO Application Submission (May 2021)	HS	AK	JP

A3 - Stage Completed



Winter baseline photograph



Operation year 1 winter photomontage

Title	33. Year 1 view to Shab Hill from footpath between Barrow Wake and Stockwell	HFoV (°)	90	Visualisation type	4	Camera (lens)	Sony A7rIV, FFS (35mm)
Date, time	15 January 2020, 12:40	Scale/ Enlargement factor	96% at A1	Projection	Cylindrical	Height of camera lens	1.6m
Coordinates	SO 93345 14959 287m AOD	Distance from site boundary	229m	View direction	60° from N		
To be viewed at comfortable arms length							



ARUP

Issue	Date	Comment	By	Chkd	Appd
C01	2021-05-20	DCO Application Submission (May 2021)	HS	AK	JP

A3 - Stage Completed

A417 Missing Link Project
Figure 7.10 Photosheets and Visualisations. Sheet 61 of 92
 HE551505-ARP-ELS-X_XX_XXXX_X-VS-LE-000006



Winter baseline photograph



Operation year 15 winter photomontage

Title	33. Year 15 view to Shab Hill from foot-path between Barrow Wake and Stockwell	HFoV (°)	90	Visualisation type	4	Camera (lens)	Sony A7rIV, FFS (35mm)
Date, time	15 January 2020, 12:40	Scale/ Enlargement factor	96% at A1	Projection	Cylindrical	Height of camera lens	1.6m
Coordinates	SO 93345 14959 287m AOD	Distance from site boundary	229m	View direction	60° from N		
To be viewed at comfortable arms length							

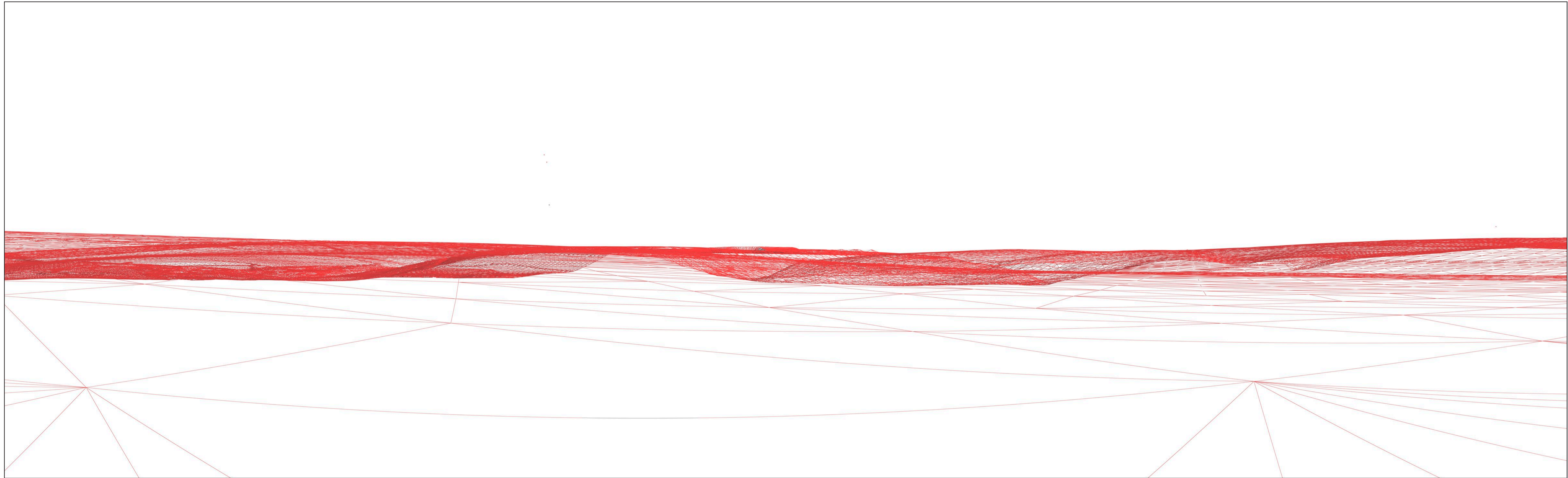


ARUP

Issue	Date	Comment	By	Chkd	Appd
C01	2021-05-20	DCO Application Submission (May 2021)	HS	AK	JP

A3 - Stage Completed

A417 Missing Link Project
Figure 7.10 Photosheets and Visualisations. Sheet 62 of 92
 HE551505-ARP-ELS-X_XX_XXXX_X-VS-LE-000006



Wireline



Projection type Equirectangular
 Camera Sony A7rIV
 Lens 35mm 1.4
 FOV 140x40deg
 Canvas size 14000x 4000 pixels
 Pixel size 0.01mm
 Linear pixels per degree 100mm
 Virtual film gate 140x40mm
 Virtual Focal length 57.296mm
 Date 15.01.20
 Time 12.40 GMT

no tripod photo available

Composite image

Tripod location

Title	33. Working view to Shab Hill from foot-path between Barrow Wake and Stockwell	HFoV (°)	90	Visualisation type	4	Camera (lens)	Sony A7rIV, FFS (35mm)
Date, time	15 January 2020, 12:40	Scale/ Enlargement factor	96% at A1	Projection	Cylindrical	Height of camera lens	1.6m
Coordinates	SO 93345 14959 287m AOD	Distance from site boundary	229m	View direction	60° from N		

To be viewed at comfortable arms length



ARUP

Issue	Date	Comment	By	Chkd	Appd
C01	2021-02-20	DCO Application Submission (May 2021)	HS	AK	JP

A3 - Stage Completed

A417 Missing Link Project
Figure 7.10 Photosheets and Visualisations. Sheet 63 of 92
 HE551505-ARP-ELS-X_XX_XXXX_X-VS-LE-000006



Night time representation



Night time data

Title	33. Night view to Shab Hill from footpath between Barrow Wake and Stockwell	HfOV (°)	90	Visualisation type	4	Camera (lens)	Sony A7rIV, FFS (35mm)
Date, time	4 February 2020	Scale/ Enlargement factor	96% at A1	Projection	Cylindrical	Height of camera lens	1.6m
Coordinates	SO 93345 14959 287m AOD	Distance from site boundary	229m	View direction	60° from N		
To be viewed at comfortable arms length							



ARUP

Issue	Date	Comment	By	Chkd	Appd
C01	2021-05-20	DCO Application Submission (May 2021)	HS	AK	JP

A3 - Stage Completed

A417 Missing Link Project
Figure 7.10 Photosheets and Visualisations. Sheet 64 of 92
 HE551505-ARP-ELS-X_XX_XXXX_X-VS-LE-000006



Title:	33a. Winter view to A417 from footpath between Barrow Wake and Stockwell	HFoV (°)	90	Visualisation type	1	View direction	West
Date, time:	15 January 2020, 12:40	Scale/ Enlargement factor	96% at A1	Projection	Cylindrical	Camera (lens)	Nikon D610, FFS (Nikon 50mm)



Title:	33a. Summer view to A417 from footpath between Barrow Wake and Stockwell	HFoV (°)	90	Visualisation type	1	View direction	West
Date, time:	19 September 2019, 14:17	Scale/ Enlargement factor	96% at A1	Projection	Cylindrical	Camera (lens)	Nikon D610, FFS (Nikon 50mm)



ARUP

Issue	Date	Comment	By	Chkd	Appd
C01	2021-05-20	DCO Application Submission (May 2021)	HS	AK	JP

A3 - Stage Completed

A417 Missing Link Project
Figure 7.10 Photosheets and Visualisations. Sheet 65 of 92
 HE551505-ARP-ELS-X_XX_XXXX_X-VS-LE-000006



Winter baseline photograph



Operation year 1 winter photomontage

Title	33a. Year 1 view to A417 from footpath between Barrow Wake and Stockwell	HFoV (°)	90	Visualisation type	4	Camera (lens)	Sony A7rIV, FFS (35mm)
Date, time	15 January 2020, 12:40	Scale/ Enlargement factor	96% at A1	Projection	Cylindrical	Height of camera lens	1.6m
Coordinates	SO 93345 14959 287m AOD	Distance from site boundary	229m	View direction	250° from N		
To be viewed at comfortable arms length							



ARUP

Issue	Date	Comment	By	Chkd	Appd
C01	2021-05-20	DCO Application Submission (May 2021)	HS	AK	JP

A3 - Stage Completed

A417 Missing Link Project
Figure 7.10 Photosheets and Visualisations. Sheet 66 of 92
 HE551505-ARP-ELS-X_XX_XXXX_X-VS-LE-000006



Winter baseline photograph



Operation year 15 winter photomontage

Title	33a. Year 15 view to A417 from footpath between Barrow Wake and Stockwell	HFoV (°)	90	Visualisation type	4	Camera (lens)	Sony A7rIV, FFS (35mm)
Date, time	15 January 2020, 12:40	Scale/ Enlargement factor	96% at A1	Projection	Cylindrical	Height of camera lens	1.6m
Coordinates	SO 93345 14959 287m AOD	Distance from site boundary	229m	View direction	250° from N		
To be viewed at comfortable arms length							

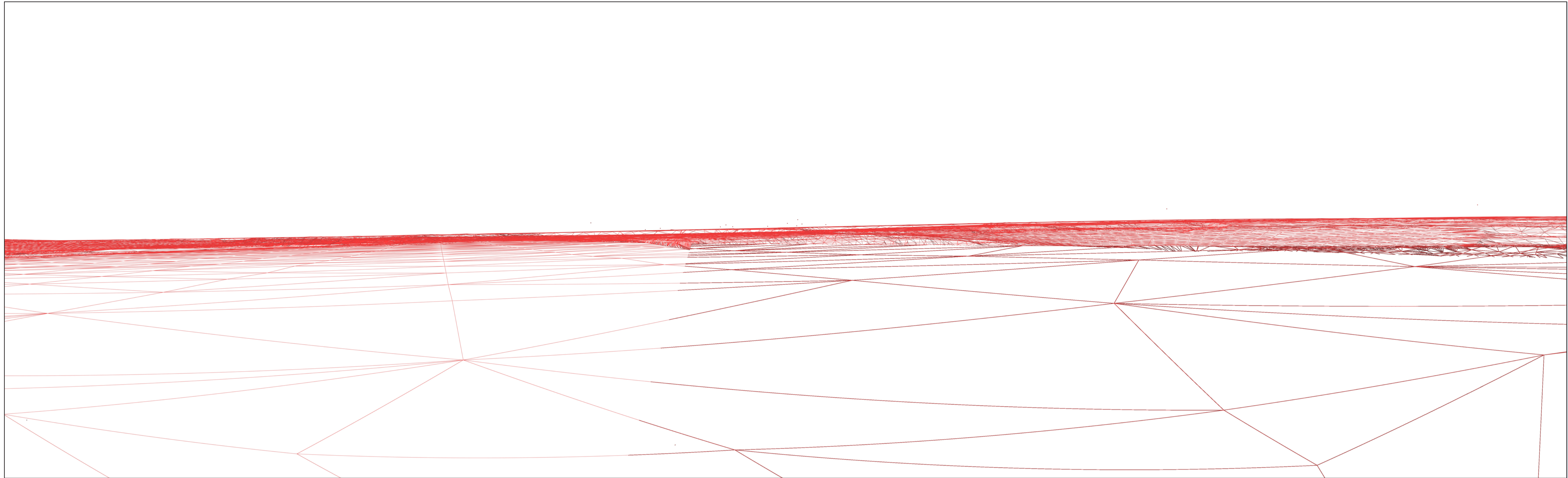


ARUP

Issue	Date	Comment	By	Chkd	Appd
C01	2021-05-20	DCO Application Submission (May 2021)	HS	AK	JP

A3 - Stage Completed

A417 Missing Link Project
Figure 7.10 Photosheets and Visualisations. Sheet 67 of 92
 HE551505-ARP-ELS-X_XX_XXXX_X-VS-LE-000006



Wireline



Projection type Equirectangular
 Camera Sony A7rIV
 Lens 35mm 1.4
 FOV 140x38deg
 Canvas size 14000x 3800 pixels
 Pixel size 0.01mm
 Linear pixels per degree 100mm
 Virtual film gate 140x38mm
 Virtual Focal length 57.296mm
 Date 15.01.20
 Time 12.44 GMT

no tripod photo available

Tripod location

Composite image

Title	33a. Working view to A417 from footpath between Barrow Wake and Stockwell	HFoV (°)	90	Visualisation type	4	Camera (lens)	Sony A7rIV, FFS (35mm)
Date, time	15 January 2020, 12:40	Scale/ Enlargement factor	96% at A1	Projection	Cylindrical	Height of camera lens	1.6m
Coordinates	SO 93345 14959 287m AOD	Distance from site boundary	229m	View direction	250° from N		

To be viewed at comfortable arms length



ARUP

Issue	Date	Comment	By	Chkd	Appd
C01	2021-02-20	DCO Application Submission (May 2021)	HS	AK	JP

A3 - Stage Completed

A417 Missing Link Project
Figure 7.10 Photosheets and Visualisations. Sheet 68 of 92
 HE551505-ARP-ELS-X_XX_XXXX_X-VS-LE-000006



Night time representation



Night time data

Title	33a. Night view to A417 from footpath between Barrow Wake and Stockwell	HfOV (°)	90	Visualisation type	4	Camera (lens)	Sony A7rIV, FFS (35mm)
Date, time	4 February 2020	Scale/ Enlargement factor	96% at A1	Projection	Cylindrical	Height of camera lens	1.6m
Coordinates	SO 93345 14959 287m AOD	Distance from site boundary	229m	View direction	250° from N		
To be viewed at comfortable arms length							



ARUP

Issue	Date	Comment	By	Chkd	Appd
C01	2021-05-20	DCO Application Submission (May 2021)	HS	AK	JP

A3 - Stage Completed

A417 Missing Link Project
Figure 7.10 Photosheets and Visualisations. Sheet 69 of 92
 HE551505-ARP-ELS-X_XX_XXXX_X-VS-LE-000006



Title:	34. Winter view to Shab Hill from By-way west of Hill Barn	HFoV (°)	90	Visualisation type	1	View direction	North West
Date, time:	11 March 2020, 14:28	Scale/ Enlargement factor	96% at A1	Projection	Cylindrical	Camera (lens)	Nikon D610, FFS (Nikon 50mm)



Title:	34. Summer view to Shab Hill from By-way west of Hill Barn	HFoV (°)	90	Visualisation type	1	View direction	North West
Date, time:	9 September 2019, 16:40	Scale/ Enlargement factor	96% at A1	Projection	Cylindrical	Camera (lens)	Nikon D610, FFS (Nikon 50mm)



ARUP

Issue	Date	Comment	By	Chkd	Appd
C01	2021-05-20	DCO Application Submission (May 2021)	HS	AK	JP

A3 - Stage Completed