

Our Studio For Deloitte Laystall Street

—————→ 11317

4th November 2022

our studio

Our Studio AVR Project Information

Visualisation Types				Photography	Notes
1	2	3	4		
			✓	Visualisation Type	Type 4 Level 1 - Wireline Level 3 - Fully Rendered
			✓	Method used to establish the camera location (e.g handheld GPS/GNSS, GNSS/RTK, survey point, visual reference)	Tripod photography in GPS system
			✓	Likely Level of accuracy of location (#m, #cm etc)	Better than 10cm
			✓	If lenses other than 50mm have been used, explain why a different lens is appropriate	N/A
			✓	Written description of procedures for image capture processing	See methodology
			✓	If panoramas used: make and type of Pano head and equipment used to level head	N/A
			✓	If working outside the UK, geographic co-ordinate system (GCS) used	N/A
				3D Model / Visualisation	
			✓	Source of topographic height data and its resolution	GPS point data & OS plan
			✓	How have the model and camera locations been placed in the software?	Based on survey coordinates
			✓	Elements in the view used as target points to check the horizontal alignment	Existing buildings, landscape & GPS data
			✓	Elements in the view used as target points to check the vertical alignment	Existing buildings, landscape & GPS data
			✓	3D Modelling / Rendering Software	3DSMax & Corona
			✓	If working outside the UK, geographic co-ordinate system (GCS) used	N/A
				Generally	
				Any limitations in the overall methodology for preparing of the visualisations?	



VIEWPOINT LOCATIONS



- 1. 40 LAYSTALL ST - MASSING UNCHANGED
- 2. ISLINGTON WHARF PHASE 3
- 3. ISLINGTON WHARF PHASE 4
- 4. CRUSADER MILL - COMPLETED
- 5. VICTORIA HOUSE
- 6. THE CASTINGS
- 7. ANCOATS DISPENSARY
- 8. 57-59 DUCIE STREET
- 9. PRESBAR THE FOUNDRY
- 10. 32-34 LAYSTALL STREET
- 11. STORE STREET
- 12. EIDER HOUSE
- 13. PORT STREET
- 14. ELECTRIC PARK
- 15. FERROUS
- 16. M1 PICCADILLY STORE STREET
- 17. FAIRFAX
- 18. MEINENGER HOTEL
- 19. 67 PICCADILLY

CUMULATIVE SCHEMES & KEY

VIEWPOINT 02.

Our Studio AVR Viewpoint Information

Visualisation Types				View 02 Photography	View 02 Notes
1	2	3	4		
			✓	Visualisation Type	Type 4 Level 1 - Wireline
			✓	Projection	Planar
			✓	Date and Time of captured photography	13/10/2022 10.58
			✓	Make and model of camera, and it's sensor format	Canon EOS 5D Mark IV Sensor size 36 x 24mm
			✓	Make, focal length of the camera lens(es) used	Lens is 24mm tse
			✓	Angle of View of photograph / visual	Horizontal Angle of View - 73.7 deg.
			✓	Direction of View: bearing from North (0°) or Compass Direction	East
			✓	Camera location grid coordinates: eastings and northings to relevant accuracy; height of ground in mAOD	Easting: 384861.637 Northing: 398169.107 Level: 47.25
			✓	Height of the camera lens above ground level and, if above 1.65m or below 1.5m, why?	1.6m
				Additional Imagery	
			✓	Baseline Photography	
			✓	A composite view generated by overlaying multiple layers of image data: the photography, 3D model of terrain (LiDAR DTM) and / or 3D model of LiDAR DSM, 3D model of proposed development, 3D model of landscape mitigation. This can explain how the photomontage has been generated.	GPS point cloud data
			✓	A photograph of the tripod location to confirm the camera / tripod location	



VIEWPOINT 02
BASELINE PHOTOGRAPHY



VIEWPOINT 02
CUMULATIVE SCHEMES



VIEWPOINT 02
FINAL

VIEWPOINT

03.

Our Studio AVR Viewpoint Information

Visualisation Types				View 03 Photography	View 03 Notes
1	2	3	4		
			✓	Visualisation Type	Type 4 Level 3 - Rendered
			✓	Projection	Planar
			✓	Date and Time of captured photography	10/10/2022 13.44
			✓	Make and model of camera, and it's sensor format	Canon EOS 5D Mark IV Sensor size 36 x 24mm
			✓	Make, focal length of the camera lens(es) used	Lens is 24mm tse
			✓	Angle of View of photograph / visual	Horizontal Angle of View - 73.7 deg.
			✓	Direction of View: bearing from North (0°) or Compass Direction	East
			✓	Camera location grid coordinates: eastings and northings to relevant accuracy; height of ground in mAOD	Easting: 384940.787 Northing: 398282.735 Level: 47.84
			✓	Height of the camera lens above ground level and, if above 1.65m or below 1.5m, why?	1.6m
				Additional Imagery	
			✓	Baseline Photography	
			✓	A composite view generated by overlaying multiple layers of image data: the photography, 3D model of terrain (LiDAR DTM) and / or 3D model of LiDAR DSM, 3D model of proposed development, 3D model of landscape mitigation. This can explain how the photomontage has been generated.	GPS point cloud data
			✓	A photograph of the tripod location to confirm the camera / tripod location	



VIEWPOINT 03
BASELINE PHOTOGRAPHY



VIEWPOINT 03
CUMULATIVE SCHEMES



VIEWPOINT 03
FINAL

VIEWPOINT

04.

Our Studio AVR Viewpoint Information

Visualisation Types				View 04 Photography	View 04 Notes
1	2	3	4		
			✓	Visualisation Type	Type 4 Level 3 - Rendered
			✓	Projection	Planar
			✓	Date and Time of captured photography	10/10/2022 14.00
			✓	Make and model of camera, and it's sensor format	Canon EOS 5D Mark IV Sensor size 36 x 24mm
			✓	Make, focal length of the camera lens(es) used	Lens is 24mm tse
			✓	Angle of View of photograph / visual	Horizontal Angle of View - 73.7 deg.
			✓	Direction of View: bearing from North (0°) or Compass Direction	Southeast
			✓	Camera location grid coordinates: eastings and northings to relevant accuracy; height of ground in mAOD	Easting: 384883.496 Northing: 398378.396 Level: 47.39
			✓	Height of the camera lens above ground level and, if above 1.65m or below 1.5m, why?	1.6m
				Additional Imagery	
			✓	Baseline Photography	
			✓	A composite view generated by overlaying multiple layers of image data: the photography, 3D model of terrain (LiDAR DTM) and / or 3D model of LiDAR DSM, 3D model of proposed development, 3D model of landscape mitigation. This can explain how the photomontage has been generated.	GPS point cloud data
			✓	A photograph of the tripod location to confirm the camera / tripod location	



VIEWPOINT 04
BASELINE PHOTOGRAPHY



VIEWPOINT 04
CUMULATIVE SCHEMES



VIEWPOINT 04
FINAL

VIEWPOINT 05.

Our Studio AVR Viewpoint Information

Visualisation Types				View 05 Photography	View 05 Notes
1	2	3	4		
			✓	Visualisation Type	Type 4 Level 1 - Wireline
			✓	Projection	Planar
			✓	Date and Time of captured photography	13/10/2022 13.57
			✓	Make and model of camera, and it's sensor format	Canon EOS 5D Mark IV Sensor size 36 x 24mm
			✓	Make, focal length of the camera lens(es) used	Lens is 24mm tse
			✓	Angle of View of photograph / visual	Horizontal Angle of View - 73.7 deg.
			✓	Direction of View: bearing from North (0°) or Compass Direction	Southeast
			✓	Camera location grid coordinates: eastings and northings to relevant accuracy; height of ground in mAOD	Easting: 384707.635 Northing: 398464.826 Level: 48.78
			✓	Height of the camera lens above ground level and, if above 1.65m or below 1.5m, why?	1.6m
				Additional Imagery	
			✓	Baseline Photography	
			✓	A composite view generated by overlaying multiple layers of image data: the photography, 3D model of terrain (LiDAR DTM) and / or 3D model of LiDAR DSM, 3D model of proposed development, 3D model of landscape mitigation. This can explain how the photomontage has been generated.	GPS point cloud data
			✓	A photograph of the tripod location to confirm the camera / tripod location	



VIEWPOINT 05
BASELINE PHOTOGRAPHY



VIEWPOINT 05
CUMULATIVE SCHEMES



VIEWPOINT 05
FINAL



VIEWPOINT 06.

Our Studio AVR Viewpoint Information

Visualisation Types				View 06 Photography	View 06 Notes
1	2	3	4		
			✓	Visualisation Type	Type 4 Level 3 - Rendered
			✓	Projection	Planar
			✓	Date and Time of captured photography	13/10/2022 14.24pm
			✓	Make and model of camera, and it's sensor format	Canon EOS 5D Mark IV Sensor size 36 x 24mm
			✓	Make, focal length of the camera lens(es) used	Lens is 24mm tse
			✓	Angle of View of photograph / visual	Horizontal Angle of View - 73.7 deg.
			✓	Direction of View: bearing from North (0°) or Compass Direction	South
			✓	Camera location grid coordinates: eastings and northings to relevant accuracy; height of ground in mAOD	Easting: 384746.821 Northing: 398621.703 Level: 49.34
			✓	Height of the camera lens above ground level and, if above 1.65m or below 1.5m, why?	1.6m
				Additional Imagery	
			✓	Baseline Photography	
			✓	A composite view generated by overlaying multiple layers of image data: the photography, 3D model of terrain (LiDAR DTM) and / or 3D model of LiDAR DSM, 3D model of proposed development, 3D model of landscape mitigation. This can explain how the photomontage has been generated.	GPS point cloud data
			✓	A photograph of the tripod location to confirm the camera / tripod location	



VIEWPOINT 06
BASELINE PHOTOGRAPHY



VIEWPOINT 06
CUMULATIVE SCHEMES



VIEWPOINT 06
FINAL

VIEWPOINT

08.

Our Studio AVR Viewpoint Information

Visualisation Types				View 08 Photography	View 08 Notes
1	2	3	4		
			✓	Visualisation Type	Type 4 Level 3 - Rendered
			✓	Projection	Planar
			✓	Date and Time of captured photography	13/10/2022 15.04
			✓	Make and model of camera, and it's sensor format	Canon EOS 5D Mark IV Sensor size 36 x 24mm
			✓	Make, focal length of the camera lens(es) used	Lens is 24mm tse
			✓	Angle of View of photograph / visual	Horizontal Angle of View - 73.7 deg.
			✓	Direction of View: bearing from North (0°) or Compass Direction	South
			✓	Camera location grid coordinates: eastings and northings to relevant accuracy; height of ground in mAOD	Easting: 384899.851 Northing: 398479.328 Level: 50.27
			✓	Height of the camera lens above ground level and, if above 1.65m or below 1.5m, why?	1.6m
				Additional Imagery	
			✓	Baseline Photography	
			✓	A composite view generated by overlaying multiple layers of image data: the photography, 3D model of terrain (LiDAR DTM) and / or 3D model of LiDAR DSM, 3D model of proposed development, 3D model of landscape mitigation. This can explain how the photomontage has been generated.	GPS point cloud data
			✓	A photograph of the tripod location to confirm the camera / tripod location	



VIEWPOINT 08
BASELINE PHOTOGRAPHY



VIEWPOINT 08
CUMULATIVE SCHEMES



VIEWPOINT 08
FINAL

VIEWPOINT

09.

Our Studio AVR Viewpoint Information

Visualisation Types				View 09 Photography	View 09 Notes
1	2	3	4		
			✓	Visualisation Type	Type 4 Level 3 - Rendered
			✓	Projection	Planar
			✓	Date and Time of captured photography	13/10/2022 09.10am
			✓	Make and model of camera, and it's sensor format	Canon EOS 5D Mark IV Sensor size 36 x 24mm
			✓	Make, focal length of the camera lens(es) used	Lens is 24mm tse
			✓	Angle of View of photograph / visual	Horizontal Angle of View - 73.7 deg.
			✓	Direction of View: bearing from North (0°) or Compass Direction	Southwest
			✓	Camera location grid coordinates: eastings and northings to relevant accuracy; height of ground in mAOD	Easting: 385104.116 Northing: 398595.166 Level: 51.66
			✓	Height of the camera lens above ground level and, if above 1.65m or below 1.5m, why?	1.6m
				Additional Imagery	
			✓	Baseline Photography	
			✓	A composite view generated by overlaying multiple layers of image data: the photography, 3D model of terrain (LiDAR DTM) and / or 3D model of LiDAR DSM, 3D model of proposed development, 3D model of landscape mitigation. This can explain how the photomontage has been generated.	GPS point cloud data
			✓	A photograph of the tripod location to confirm the camera / tripod location	



VIEWPOINT 09
BASELINE PHOTOGRAPHY



VIEWPOINT 09
CUMULATIVE SCHEMES



VIEWPOINT 09
FINAL

VIEWPOINT 10.

Our Studio AVR Viewpoint Information

Visualisation Types				View 10 Photography	View 10 Notes
1	2	3	4		
			✓	Visualisation Type	Type 4 Level 3 - Rendered
			✓	Projection	Planar
			✓	Date and Time of captured photography	10/10/2022 08.03am
			✓	Make and model of camera, and it's sensor format	Canon EOS 5D Mark IV Sensor size 36 x 24mm
			✓	Make, focal length of the camera lens(es) used	Lens is 24mm tse
			✓	Angle of View of photograph / visual	Horizontal Angle of View - 73.7 deg.
			✓	Direction of View: bearing from North (0°) or Compass Direction	West
			✓	Camera location grid coordinates: eastings and northings to relevant accuracy; height of ground in mAOD	Easting: 385244.552 Northing: 398510.152 Level: 49.39
			✓	Height of the camera lens above ground level and, if above 1.65m or below 1.5m, why?	1.6m
				Additional Imagery	
			✓	Baseline Photography	
			✓	A composite view generated by overlaying multiple layers of image data: the photography, 3D model of terrain (LiDAR DTM) and / or 3D model of LiDAR DSM, 3D model of proposed development, 3D model of landscape mitigation. This can explain how the photomontage has been generated.	GPS point cloud data
			✓	A photograph of the tripod location to confirm the camera / tripod location	



VIEWPOINT 10
BASELINE PHOTOGRAPHY



VIEWPOINT 10
CUMULATIVE SCHEMES



VIEWPOINT 10
FINAL



VIEWPOINT

11.

Our Studio AVR Viewpoint Information

Visualisation Types				View 11 Photography	View 11 Notes
1	2	3	4		
			✓	Visualisation Type	Type 4 Level 1 - Wireline
			✓	Projection	Planar
			✓	Date and Time of captured photography	10/10/2022 08.42am
			✓	Make and model of camera, and it's sensor format	Canon EOS 5D Mark IV Sensor size 36 x 24mm
			✓	Make, focal length of the camera lens(es) used	Lens is 24mm tse
			✓	Angle of View of photograph / visual	Horizontal Angle of View - 73.7 deg.
			✓	Direction of View: bearing from North (0°) or Compass Direction	Northwest
			✓	Camera location grid coordinates: eastings and northings to relevant accuracy; height of ground in mAOD	Easting: 385397.943 Northing: 398397.775 Level: 49.67
			✓	Height of the camera lens above ground level and, if above 1.65m or below 1.5m, why?	1.6m
				Additional Imagery	
			✓	Baseline Photography	
			✓	A composite view generated by overlaying multiple layers of image data: the photography, 3D model of terrain (LiDAR DTM) and / or 3D model oif LiDAR DSM, 3D model of proposed development, 3D model of landscape mitigation. This can explain how the photomontage has been generated.	GPS point cloud data
			✓	A photograph of the tripod location to confirm the camera / tripod location	





VIEWPOINT 11
BASELINE PHOTOGRAPHY



VIEWPOINT 11
CUMULATIVE SCHEMES



VIEWPOINT 11
FINAL

VIEWPOINT 12.

Our Studio AVR Viewpoint Information

Visualisation Types				View 12 Photography	View 12 Notes
1	2	3	4		
			✓	Visualisation Type	Type 4 Level 3 - Rendered
			✓	Projection	Planar
			✓	Date and Time of captured photography	13/10/2022 10.16am
			✓	Make and model of camera, and it's sensor format	Canon EOS 5D Mark IV Sensor size 36 x 24mm
			✓	Make, focal length of the camera lens(es) used	Lens is 24mm tse
			✓	Angle of View of photograph / visual	Horizontal Angle of View - 73.7 deg.
			✓	Direction of View: bearing from North (0°) or Compass Direction	West
			✓	Camera location grid coordinates: eastings and northings to relevant accuracy; height of ground in mAOD	Easting: 385230.549 Northing: 398223.409 Level: 46.19
			✓	Height of the camera lens above ground level and, if above 1.65m or below 1.5m, why?	1.6m
				Additional Imagery	
			✓	Baseline Photography	
			✓	A composite view generated by overlaying multiple layers of image data: the photography, 3D model of terrain (LiDAR DTM) and / or 3D model oif LiDAR DSM, 3D model of proposed development, 3D model of landscape mitigation. This can explain how the photomontage has been generated.	GPS point cloud data
			✓	A photograph of the tripod location to confirm the camera / tripod location	



VIEWPOINT 12
BASELINE PHOTOGRAPHY



VIEWPOINT 12
CUMULATIVE SCHEMES



VIEWPOINT 12
FINAL

VIEWPOINT 13.

Our Studio AVR Viewpoint Information

Visualisation Types				View 13 Photography	View 13 Notes
1	2	3	4		
			✓	Visualisation Type	Type 4 Level 1 - Wireline
			✓	Projection	Planar
			✓	Date and Time of captured photography	13/10/2022 11.40am
			✓	Make and model of camera, and it's sensor format	Canon EOS 5D Mark IV Sensor size 36 x 24mm
			✓	Make, focal length of the camera lens(es) used	Lens is 24mm tse
			✓	Angle of View of photograph / visual	Horizontal Angle of View - 73.7 deg.
			✓	Direction of View: bearing from North (0°) or Compass Direction	West
			✓	Camera location grid coordinates: eastings and northings to relevant accuracy; height of ground in mAOD	Easting: 384784.122 Northing: 397979.231 Level: 38.74
			✓	Height of the camera lens above ground level and, if above 1.65m or below 1.5m, why?	1.6m
				Additional Imagery	
			✓	Baseline Photography	
			✓	A composite view generated by overlaying multiple layers of image data: the photography, 3D model of terrain (LiDAR DTM) and / or 3D model oif LiDAR DSM, 3D model of proposed development, 3D model of landscape mitigation. This can explain how the photomontage has been generated.	GPS point cloud data
			✓	A photograph of the tripod location to confirm the camera / tripod location	



VIEWPOINT 13
BASELINE PHOTOGRAPHY



VIEWPOINT 13
CUMULATIVE SCHEMES



VIEWPOINT 13
FINAL

VIEWPOINT 14.

Our Studio AVR Viewpoint Information

Visualisation Types				View 14 Photography	View 14 Notes
1	2	3	4		
			✓	Visualisation Type	Type 4 Level 3 - Rendered
			✓	Projection	Planar
			✓	Date and Time of captured photography	11/10/2022 14.53pm
			✓	Make and model of camera, and it's sensor format	Canon EOS 5D Mark IV Sensor size 36 x 24mm
			✓	Make, focal length of the camera lens(es) used	Lens is 24mm tse
			✓	Angle of View of photograph / visual	Horizontal Angle of View - 73.7 deg.
			✓	Direction of View: bearing from North (0°) or Compass Direction	West
			✓	Camera location grid coordinates: eastings and northings to relevant accuracy; height of ground in mAOD	Easting: 385006.914 Northing: 398121.839 Level: 45.40
			✓	Height of the camera lens above ground level and, if above 1.65m or below 1.5m, why?	1.6m
				Additional Imagery	
			✓	Baseline Photography	
			✓	A composite view generated by overlaying multiple layers of image data: the photography, 3D model of terrain (LiDAR DTM) and / or 3D model of LiDAR DSM, 3D model of proposed development, 3D model of landscape mitigation. This can explain how the photomontage has been generated.	GPS point cloud data
			✓	A photograph of the tripod location to confirm the camera / tripod location	



VIEWPOINT 14
BASELINE PHOTOGRAPHY



VIEWPOINT 14
CUMULATIVE SCHEMES



VIEWPOINT 14
FINAL

Our Studio
Northspring
Suite 5D
70 Spring Gardens
Manchester
M2 2BQ

Tel +44 161 237 1900
Email hello@ourstudioltd.com

[→ ourstudioltd.com](https://www.ourstudioltd.com)