DATE
03· 04 · 2025

CLIENT
CIS TOWER

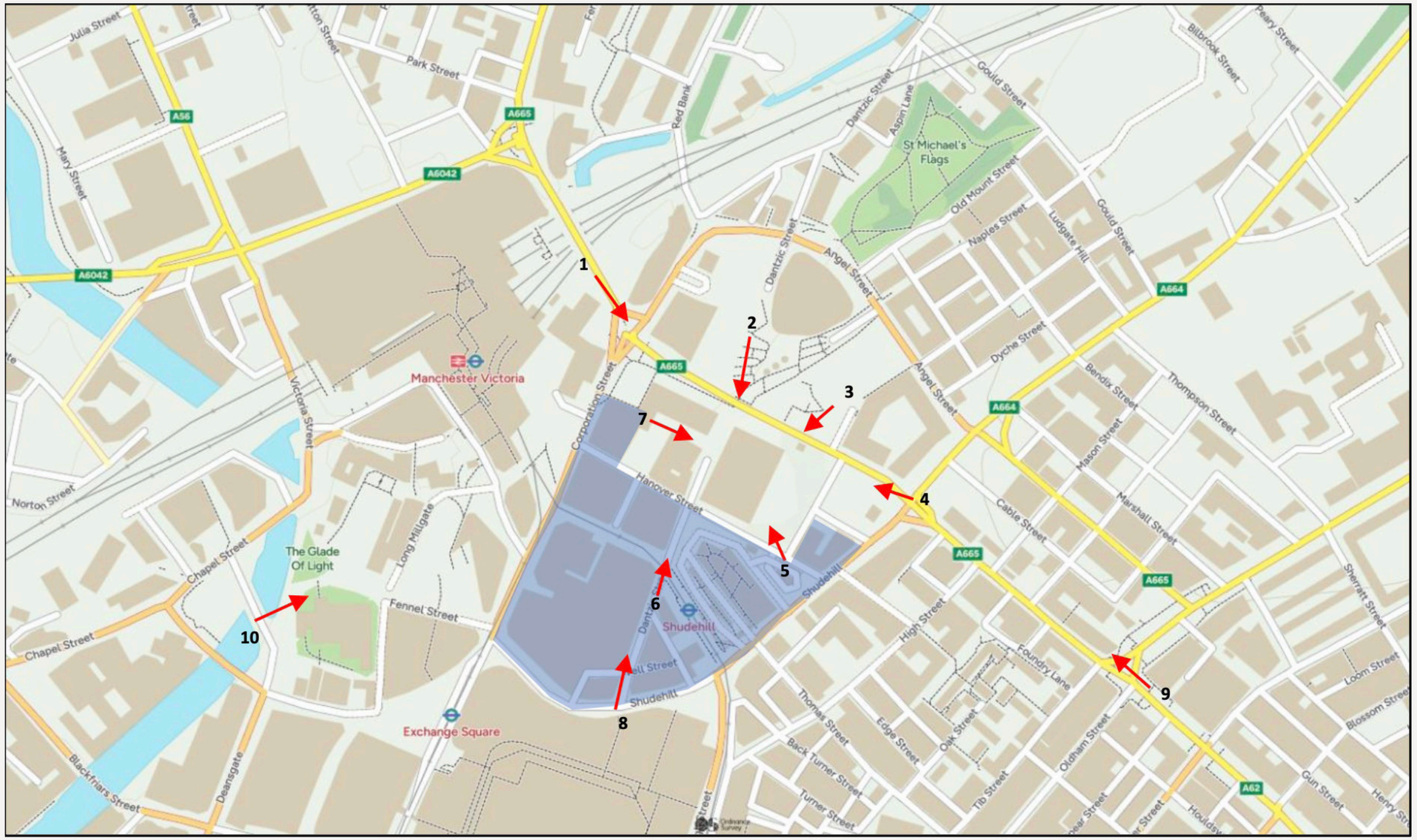
PROJECT
11555

OUR STUDIO
ACCURATE VISUAL REPRESENTATION (AVR) DOCUMENT

OUR STUDIO - AVR PROJECT INFORMATION

VISUALISATION TYPES 1	2	3	4	PHOTOGRAPHY	NOTES
				Visualisation Type	Type 4 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 accuaracy 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?	

OUR STUDIO
VIEWPOINT LOCATIONS



VIEWPOINT 01

OUR STUDIO - AVR VIEWPOINT INFORMATION

VISUALISATION TYPES 1	2	3	4	VIEW 01 PHOTOGRAPHY	VIEW 01 NOTES
				Visualisation Type	Type 4 Level 3 - Rendered
				Projection	Planar
				Date and Time of captured Photography	14/02/2025 15.24
				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
				Angle of View of photograph / visual	Horizontal Angle of View - 73.7 deg.
				Direction of View: bearing from North (0°) or Compass Direction	North West
				Camera location grid coordinates: eastings and northings to relevant accuracy; height of ground in mAOD	Easting: 384158.696 Northing: 399046.313 Level: 37.98
				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 01 BASELINE PHOTOGRAPHY



VIEWPOINT 01 FINAL

VIEWPOINT 02

OUR STUDIO - AVR VIEWPOINT INFORMATION

VISUALISATION TYPES 1	2	3	4	VIEW 02 PHOTOGRAPHY	VIEW 02 NOTES
				Visualisation Type	Type 4 Level 3 - Rendered
				Projection	Planar
				Date and Time of captured Photography	14/02/2025 15.54
				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
				Angle of View of photograph / visual	Horizontal Angle of View - 73.7 deg.
				Direction of View: bearing from North (0°) or Compass Direction	North
				Camera location grid coordinates: eastings and northings to relevant accuracy; height of ground in mAOD	Easting: 384261.146 Northing: 398972.89 Level: 39.87
				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 02 BASELINE PHOTOGRAPHY



VIEWPOINT 02 FINAL

VIEWPOINT 03

OUR STUDIO - AVR VIEWPOINT INFORMATION

VISUALISATION TYPES 1	2	3	4	VIEW 03 PHOTOGRAPHY	VIEW 03 NOTES
				Visualisation Type	Type 4 Level 3 - Rendered
				Projection	Planar
				Date and Time of captured Photography	14/02/2025 10.52
				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
				Angle of View of photograph / visual	Horizontal Angle of View - 73.7 deg.
				Direction of View: bearing from North (0°) or Compass Direction	North East
				Camera location grid coordinates: eastings and northings to relevant accuracy; height of ground in mAOD	Easting: 384347.578 Northing: 398933.616 Level: 43.875
				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 03 BASELINE PHOTOGRAPHY



VIEWPOINT 03 FINAL

VIEWPOINT 04

OUR STUDIO - AVR VIEWPOINT INFORMATION

VISUALISATION TYPES 1	2	3	4	VIEW 04 PHOTOGRAPHY	VIEW 04 NOTES
				Visualisation Type	Type 4 Level 3 - Rendered
				Projection	Planar
				Date and Time of captured Photography	14/02/2025 11.28
				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
				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: 384459.883 Northing: 398868.285 Level: 49.042
				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 04 BASELINE PHOTOGRAPHY



VIEWPOINT 04 FINAL

VIEWPOINT 05

OUR STUDIO - AVR VIEWPOINT INFORMATION

VISUALISATION TYPES 1	2	3	4	VIEW 05 PHOTOGRAPHY	VIEW 05 NOTES
				Visualisation Type	Type 4 Level 3 - Rendered
				Projection	Planar
				Date and Time of captured Photography	14/02/2025 12.20
				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
				Angle of View of photograph / visual	Horizontal Angle of View - 73.7 deg.
				Direction of View: bearing from North (0°) or Compass Direction	South East
				Camera location grid coordinates: eastings and northings to relevant accuracy; height of ground in mAOD	Easting: 384326.136 Northing: 398811.969 Level: 47.234
				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 05 BASELINE PHOTOGRAPHY



VIEWPOINT 05 FINAL

VIEWPOINT 06

OUR STUDIO - AVR VIEWPOINT INFORMATION

VISUALISATION TYPES 1	2	3	4	VIEW 06 PHOTOGRAPHY	VIEW 06 NOTES
				Visualisation Type	Type 4 Level 3 - Rendered
				Projection	Planar
				Date and Time of captured Photography	14/02/2025 12.54
				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
				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: 384198.792 Northing: 398784.342 Level: 41.600
				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 06 BASELINE PHOTOGRAPHY



VIEWPOINT 06 FINAL

VIEWPOINT 07

OUR STUDIO - AVR VIEWPOINT INFORMATION

VISUALISATION TYPES 1	2	3	4	VIEW 07 PHOTOGRAPHY	VIEW 07 NOTES
				Visualisation Type	Type 4 Level 3 - Rendered
				Projection	Planar
				Date and Time of captured Photography	14/02/2025 14.50
				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
				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: 384192.475 Northing: 398948.485 Level: 37.847
				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 07 BASELINE PHOTOGRAPHY



VIEWPOINT 07 FINAL

VIEWPOINT 08

OUR STUDIO - AVR VIEWPOINT INFORMATION

VISUALISATION TYPES 1	2	3	4	VIEW 08 PHOTOGRAPHY	VIEW 08 NOTES
				Visualisation Type	Type 4 Level 3 - Rendered
				Projection	Planar
				Date and Time of captured Photography	14/02/2025 13.15
				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
				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: 384148.741 Northing: 398661.645 Level: 39.066
				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 08 BASELINE PHOTOGRAPHY



VIEWPOINT 08 FINAL

VIEWPOINT 09

OUR STUDIO - AVR VIEWPOINT INFORMATION

VISUALISATION TYPES 1	2	3	4	VIEW 09 PHOTOGRAPHY	VIEW 09 NOTES
				Visualisation Type	Type 4 Level 3 - Rendered
				Projection	Planar
				Date and Time of captured Photography	14/02/2025 11.48
				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
				Angle of View of photograph / visual	Horizontal Angle of View - 73.7 deg.
				Direction of View: bearing from North (0°) or Compass Direction	South East
				Camera location grid coordinates: eastings and northings to relevant accuracy; height of ground in mAOD	Easting: 384665.612 Northing: 398681.93 Level: 49.200
				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 09 BASELINE PHOTOGHRAPHY



VIEWPOINT 09 FINAL

VIEWPOINT 10

OUR STUDIO - AVR VIEWPOINT INFORMATION

VISUALISATION TYPES 1	2	3	4	VIEW 10 PHOTOGRAPHY	VIEW 10 NOTES
				Visualisation Type	Type 4 Level 3 - Rendered
				Projection	Planar
				Date and Time of captured Photography	14/02/2025 14.17
				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
				Angle of View of photograph / visual	Horizontal Angle of View - 73.7 deg.
				Direction of View: bearing from North (0°) or Compass Direction	South West
				Camera location grid coordinates: eastings and northings to relevant accuracy; height of ground in mAOD	Easting: 383794.38 Northing: 398767.038 Level: 34.175
				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 10 BASELINE PHOTOGRAPHY



VIEWPOINT 10 FINAL

OUR STUDIO
NORTHSPRING
SUITE 5D
70 SPRING GARDENS
MANCHESTER
M2 2BQ

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

OUR STUDIO