

Photomontage Certification for 154-158 Pacific Parade, Dee Why

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Issue 2

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Statement on Methodology - Photomontages for 154-158 Pacific Parade, Dee Why

The computer generated photomontages were prepared from a Revit FBX 3D model by Platform Architects (PPD_DA_154-158PacificPde_Carlift_V3-3DView-ForCGI_250626.fbx, dated 26 June 2025) and survey by Stutchbury Jaques Pty Ltd (Ref: 11770-23 MGA2020 Camera Locations.dwg) for 154-158 Pacific Parade, Dee Why. A compliant building envelope was supplied as a 3D model (240916_PPD_DA_154-158 Pacific Pde_Carlift_V2 WITH HEIGHT BLANKET.dwg) issued on 17 September 2024.

Photography was undertaken by the author on 12 June, 2025 between 10:00am and 11:00am, using a tripod with consistent vertical offset of 1.5m above ground level. Camera locations were surveyed after capture using a marked point below the camera lens nodal point, as shown on the Camera Location Plan (Appendix 1). Camera locations were surveyed by Stutchbury Jaques Pty Ltd (David Stutchbury, Registered Surveyor 2051) and provided in MGA (GDA2020) coordinates added to the detail survey.

All photos were pre-processed in Adobe Camera RAW to correct for geometric distortion based on lens characteristics, as 3D rendering software assumes perfect rectilinear lenses. Each photomontage was created in Autodesk 3DS MAX 2023 / V-Ray 7 and Adobe Photoshop 2025, from a Revit 3D model imported to 3DS MAX and aligned with survey data, in line with the Court's policy on the use of photomontages. Camera targeting was further assisted with reference to Elvis pointcloud data downloaded from NSW Spatial Services. This information was relied upon to both locate virtual cameras for each photomontage, and position virtual camera targets to align with referenced building elements as shown in the survey wireframe images.

The camera used was a Nikon D800, with an AF-S Nikkor 16-35mm f/4G ED VR lens set to 35mm, equivalent to 54 degrees horizontal field of view.

All photomontages have been prepared in accordance with the Court's policy on the use of photomontages as described in the following link:

https://lec.nsw.gov.au/documents/policy/PPL-15_Policy_Use_of_Photomontages_and_Visualisation_Tools.pdf

I confirm that survey data was used for existing building elements as shown in the wireframes, and to establish an accurate location and RL of each camera. Camera locations and RLs were recorded directly by survey.

I have read the expert witness code of conduct (Rule 31.23 of UCPR 2005, Schedule 7) and agree to be bound by it.

Signed



David Murgatroyd
B. Ind Des (UNSW)



Location_1_154-158_Pacific_Pde_De_Why_005.JPG



Location_1_154-158_Pacific_Pde_Deer_Why_005_Montage01.jpg



Location_1_154-158_Pacific_Pde_De_Why_005_Montage_Proposed+Compliant01.jpg



Location_1_154-158_Pacific_Pde_De_Why_005_Montage_Compliant01.jpg



Location_1_154-158_Pacific_Pde_Deer_Why_005_Montage_Envelope_Comparison01.jpg



Location_1_154-158_Pacific_Pde_De_Why_005_Montage_Massing_01.jpg



Location_1_154-158_Pacific_Pde_De_Why_005_Survey_Wireframe_01.jpg



Location_2_154-158_Pacific_Pde_De_Why_007.JPG



Location_2_154-158_Pacific_Pde_De_Why_007_Montage01.jpg



Location_2_154-158_Pacific_Pde_Deer_Why_007_Montage_Proposed+Compliant01.jpg



Location_2_154-158_Pacific_Pde_Deer_Why_007_Montage_Compliant01.jpg



Location_2_154-158_Pacific_Pde_Deer_Why_007_Montage_Envelope_Comparison01.jpg



Location_2_154-158_Pacific_Pde_De_Why_007_Montage_Massing_01.jpg



Location_2_154-158_Pacific_Pde_De_Why_007_Survey_Wireframe_01.jpg



Location_3_154-158_Pacific_Pde_De_Why_010.JPG



Location_3_154-158_Pacific_Pde_De_Why_010_Montage01.jpg



Location_3_154-158_Pacific_Pde_Deer_Why_010_Montage_Proposed+Compliant01.jpg



Location_3_154-158_Pacific_Pde_De_Why_010_Montage_Compliant01.jpg



Location_3_154-158_Pacific_Pde_De_Why_010_Montage_Envelope_Comparison01.jpg



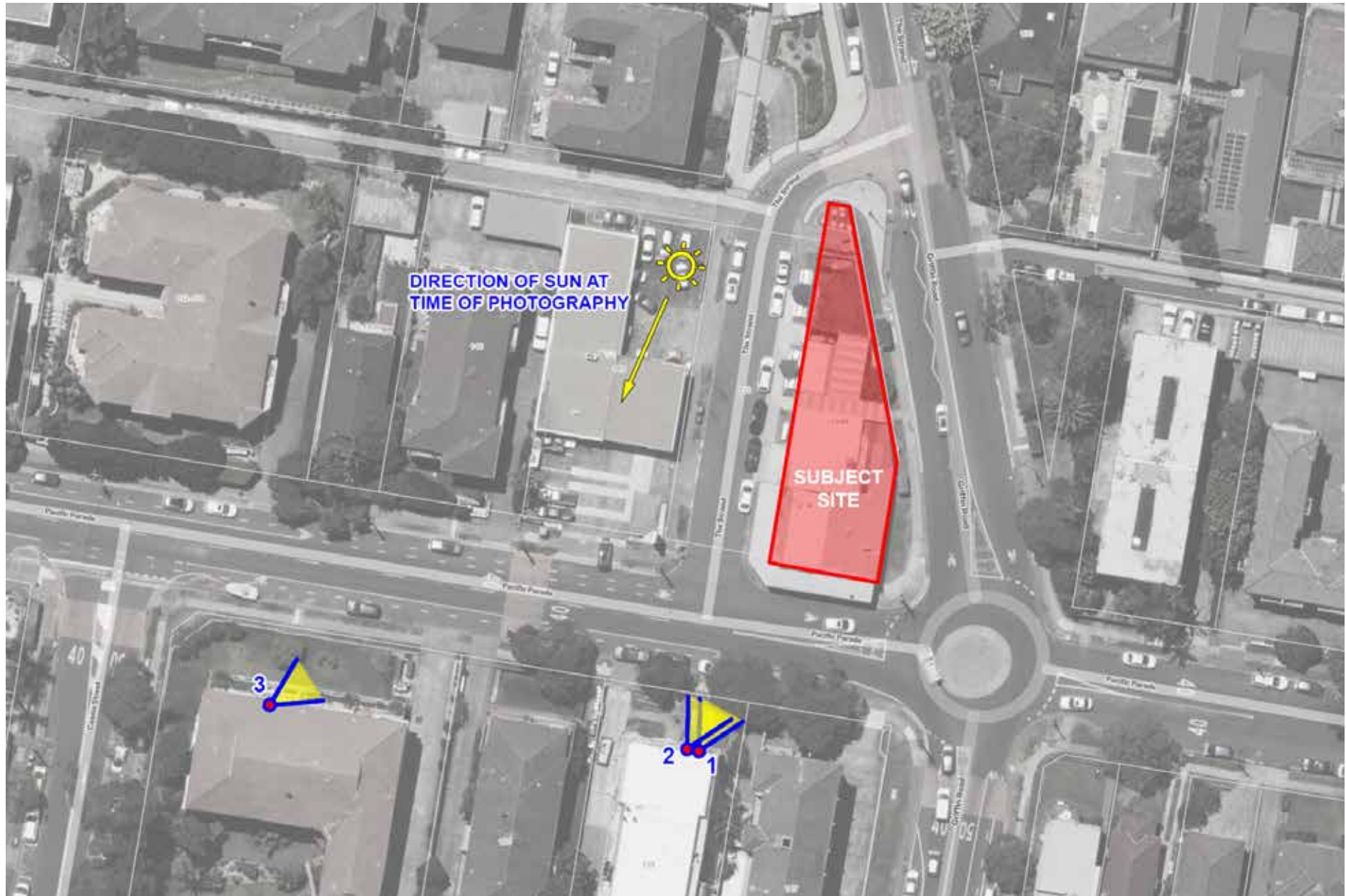
Location_3_154-158_Pacific_Pde_Deer_Why_010_Montage_Massing_01.jpg



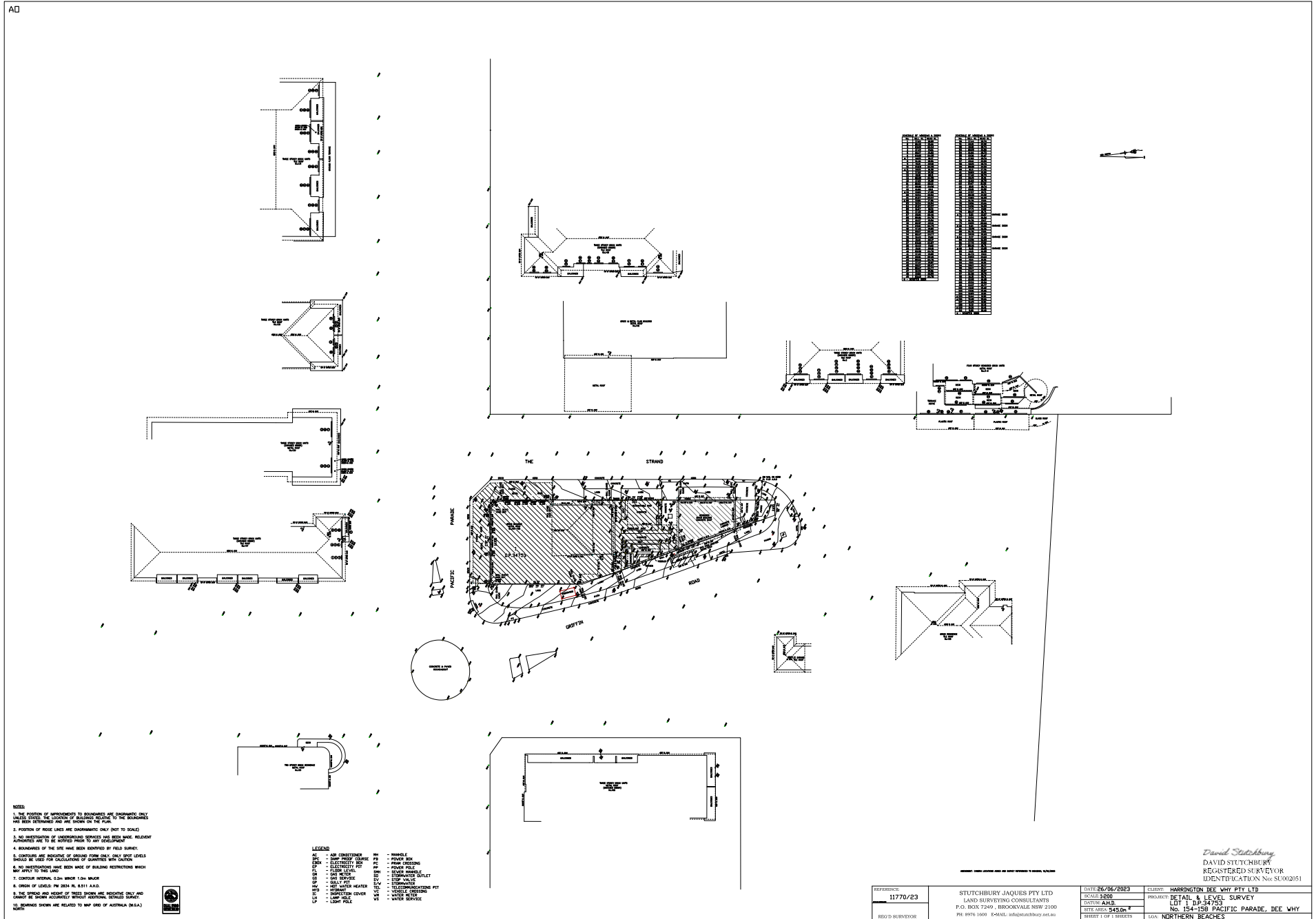
Location_3_154-158_Pacific_Pde_Deer_Why_010_Survey_Wireframe_01.jpg

APPENDIX 1

Camera Location Plan



Copy of Survey Report Showing Camera Locations



APPENDIX 2

Photography Log for 154-158 Pacific Parade, Dee Why NSW

View ID	Location Description	Photo ID (filename)	Date Taken	Camera Model	Lens	Focal Length (35mm format)	Horizontal Field of View	Eye Level	Camera RL
1	139 Pacific Parade (upper level balcony)	Location_1_154-158_Pacific_Pde_De_Why_005.JPG	12/06/25	Nikon D800 DSLR	AF-S Nikkor 16-35mm f/4G ED VR	35	54 degrees	1.5m	24.24
2	139 Pacific Parade (upper level balcony)	Location_2_154-158_Pacific_Pde_De_Why_007.JPG	12/06/25	Nikon D800 DSLR	AF-S Nikkor 16-35mm f/4G ED VR	35	54 degrees	1.5m	24.26
3	131 Pacific Parade (upper level balcony)	Location_3_154-158_Pacific_Pde_De_Why_010.JPG	12/06/25	Nikon D800 DSLR	AF-S Nikkor 16-35mm f/4G ED VR	35	54 degrees	1.5m	24.15