## VIEW ANALYSIS

# STREETSCAPE and PUBLIC AREAS LOURDES RETIREMENT VILLAGE

## NOVEMBER 2022 ISSUE



CERTIFIED PHOTOMONTAGE
No: PMC198701

Refer to attached Certificate.

Refer to attac Certifier: C McFadzean B Arch BA (Arch)

C McFadzean B Arch BA (Arch) IES ABSA AAAI

TO BE READ IN ASSOCIATION
WITH PMC - CERTIFICATION
DOCUMENT - seperate file

TITLE

## STREETSCAPE & PUBLIC VIEW ANALYSIS

PROJEC

LOURDES RETIREMENT VILLAGE REDEVELOPMENT 95-97 Stanhope Rd Killara

PROPOSED DESIGN

MASSING-PRELIMINARY DESIGN PLUS ARCHITECTURE

CLIENT

LEVANDE

DENEB DESIGN

3D SHADOW DIAGRAMS VISUALISATION + ANALYSIS 02 9997 7480

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PAGE : PM 01

DATE : 21.11.22

VERSION : 01 c



KEY MAP OF VIEW LOCATIONS

Δ

.. PHOTOMONTAGE VIEW ANALYSIS POSITION



C... CONTEXT PHOTO - NOT PHOTOMONTAGE

#### DATA SOURCE (in order of precedence)

- •Registered Survey Norton Survey Partners Camera location survey 18/11/22, for survey work in association with photographer on 11 Nov 22.
- Architectural Modelling Plus Architecture 24.11.22 issue.
- Verfiied Proposed heights Plus Architecture PDF File 25.11.22
- •Terrain Mapping Aerometrix (Metromap) 23.11.22 subset Sydney 2m (Lidar assoc based).
- Deneb Design Photography , 11 Nov 9am 12pm , 35mm efl 24 35mm Lens

## CERTIFIED PHOTOMONTAGE No: PMC198701 Refer to attached Certificate.



Certifier: CMcFadzean

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[The Illuminating Engineers Society of Australia]

#### CONTENTS & KEY MAP

REF ID - refers to correlation to Deneb View ID with Plus Architecture ID and/or Council Figure ID.

				, " 0" "0000
REPOF	L RT INTROD	UCTION		
03	-	VIEW IMPACT SUMMARY TABLE		
04	-	How to Read and Technical Assistance notes		
SOUTH	HOF SITE		<b>'</b>	
05	P1	Seven Little Australians Park	Park Montage	8C
06	P2	Seven Little Australians Park - on Walking Track	Park Montage	90
07	C1	Northcote Road	Context	
08	C2	Northcote Road	Context	
09	РЗ	Nelson Rd & Northcote Rd	Street Montage	13C
10	P4	Treatts Rd & Northcote Rd	Street Montage	13.1C
STANH	IOPE RD AI	PPROACH		
11	P5	Stanhope Rd near Springdale Rd Corner	Street Montage	4.1C
12	C3	Stanhope Rd (corner Garnet St)	Context	
13	P6	Stanhope Rd (Redgum Ave Intersection)	Street Montage	4C
14	P7	Rosebery Rd and Stanhope Intersection	Street Montage	3 C
SWAIN	GARDENS	3	1	
15	C4	Swain Gardens - Entry	Context	
16	C5	Swain Gardens BBQ	Context	
17	C6	Swain Gardens Pathway	Context	
NORTH	HOFSITE			
18	P8	Roseberry Rd and The Crest Intersection	Street Montage	20
19	P9	The Crest (Eastern Arterial Representational)	Street Montage	1C
20	C7	North on Eastern Arterial - Springdale Rd Intersection	Context	
ADJAC	ENTTO SI	TE	·	
21	P10	Hornsby Scout Fellowship Hall - 120 Stanhope Rd	Public Montage	7C
22	P11	Stanhope Rd - No.92	Public Montage	
EASTE	RNARTER	RIAL RD - WEST OF SITE	•	
23	P12	General Transit on Eastern Arterial Rd (side park area)	Public Montage	10C
0.4	D4.0	Eastern Arterial (Archibold Rd) and Tryon Rd		110
24	P13	Intersection	Street Montage	110
25	P14	Eastern Arterial (Archibold Rd) - Owen St Intersection	Street Montage	11.1C
LINDFIE	ELD OVAL		•	
26	C9	Lindfield Oval Carpark Gates	Context	
27	P15	Lindfield Oval (near Soldiers Memorial Park)	Park Montage	12.1C
	1		1	1

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VIEW

DETAILS

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P16 Lindfield Oval

Lindfield Oval (on Oval)

C10 Lindfield Oval (on Oval)

TITLE

REF ID by

Others

(Survey/ Architect)

TYPE

Park Montage

Park Montage

Context

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	SUMMAR	Y OF FINE	DING	S
VIEW ID	DETAILS	TYPE	REF ID by Others (Survey/ Architect)	VIEW IMPACT FINDINGS
SOUTH OF	SITE		1	
P1	Seven Little Australians Park	Park Montage	8C	Partial View amongst tree line
P2	Seven Little Australians Park - on Walking Track	Park Montage	90	NOT VISIBLE
C1	Northcote Road	Context		NOT VISIBLE - (Estimate)
C2	Northcote Road	Context		NOT VISIBLE - (Estimate)
P3	Nelson Rd & Northcote Rd	Street Montage	13C	NOT VISIBLE
P4	Treatts Rd & Northcote Rd	Street Montage	13.1C	NOT VISIBLE
STANHOPE	ERD APPROACH			
 P5	Stanhope Rd near Springdale Rd Corner	Street Montage	4.10	NOT VISIBLE
	Stanhope Rd (corner Garnet St)	Context	7.10	NOT VISIBLE - [Estimate]
 P6	Stanhope Rd (Redgum Ave Intersection)	Street Montage	4C	Partial View amongst tree line
P7	Rosebery Rd and Stanhope Intersection	Street Montage	30	Partial View above neighbour buildings and trees
	Swain Gardens - Entry	Context		NOT VISIBLE - (Estimate)
C4 C5	Swain Gardens BBQ	Context		NOT VISIBLE-(Estimate)
C5 C6	Swain Gardens BBQ Swain Gardens Pathway	Context		NOT VISIBLE-(Estimate)  NOT VISIBLE-(Estimate)
C5 C6 VORTH OF	Swain Gardens BBQ Swain Gardens Pathway SITE	Context		NOT VISIBLE - (Estimate)
C5 C6	Swain Gardens BBQ Swain Gardens Pathway SITE Roseberry Rd and The Crest Intersection		2C	
C5 C6 NORTH OF P8 P9	Swain Gardens BBQ Swain Gardens Pathway SITE Roseberry Rd and The Crest Intersection The Crest (Eastern Arterial Representational)	Street Montage Street Montage	2C 1C	NOT VISIBLE - (Estimate)  Partial View amongst tree line  NOT VISIBLE
C5 C6 NORTH OF P8 P9 C7	Swain Gardens BBQ Swain Gardens Pathway  SITE  Roseberry Rd and The Crest Intersection The Crest (Eastern Arterial Representational) North on Eastern Arterial - Springdale Rd Intersection	Context  Street Montage		NOT VISIBLE - (Estimate)  Partial View amongst tree line
C5 C6 NORTH OF P8 P9 C7	Swain Gardens BBQ Swain Gardens Pathway  SITE  Roseberry Rd and The Crest Intersection The Crest (Eastern Arterial Representational) North on Eastern Arterial - Springdale Rd Intersection	Street Montage Street Montage		NOT VISIBLE - (Estimate)  Partial View amongst tree line  NOT VISIBLE
C5 C6 NORTH OF P8 P9	Swain Gardens BBQ Swain Gardens Pathway  SITE  Roseberry Rd and The Crest Intersection The Crest (Eastern Arterial Representational) North on Eastern Arterial - Springdale Rd Intersection	Street Montage Street Montage		NOT VISIBLE - (Estimate)  Partial View amongst tree line  NOT VISIBLE
C5 C6 NORTH OF P8 P9 C7	Swain Gardens BBQ Swain Gardens Pathway  SITE  Roseberry Rd and The Crest Intersection The Crest (Eastern Arterial Representational) North on Eastern Arterial - Springdale Rd Intersection  TO SITE	Street Montage Street Montage Context	10	NOT VISIBLE - (Estimate)  Partial View amongst tree line  NOT VISIBLE  NOT VISIBLE - (Estimate)
C5 C6 NORTH OF P8 P9 C7 ADJACENT P10 P11	Swain Gardens BBQ Swain Gardens Pathway SITE Roseberry Rd and The Crest Intersection The Crest (Eastern Arterial Representational) North on Eastern Arterial - Springdale Rd Intersection TO SITE Hornsby Scout Fellowship Hall - 120 Stanhope Rd	Street Montage Street Montage Context  Public Montage	10	NOT VISIBLE - (Estimate)  Partial View amongst tree line  NOT VISIBLE  NOT VISIBLE - (Estimate)  Significant View Impact - across the street front
C5 C6 NORTH OF P8 P9 C7 ADJACENT P10 P11	Swain Gardens BBQ Swain Gardens Pathway  SITE  Roseberry Rd and The Crest Intersection The Crest (Eastern Arterial Representational) North on Eastern Arterial - Springdale Rd Intersection  TO SITE  Hornsby Scout Fellowship Hall - 120 Stanhope Rd Stanhope Rd - No.92	Street Montage Street Montage Context  Public Montage	10	NOT VISIBLE - (Estimate)  Partial View amongst tree line  NOT VISIBLE  NOT VISIBLE - (Estimate)  Significant View Impact - across the street front
C5 C6 NORTH OF P8 P9 C7 ADJACENT P10 P11	Swain Gardens BBQ Swain Gardens Pathway  SITE  Roseberry Rd and The Crest Intersection The Crest (Eastern Arterial Representational) North on Eastern Arterial - Springdale Rd Intersection  TO SITE  Hornsby Scout Fellowship Hall - 120 Stanhope Rd Stanhope Rd - No.92  ARTERIAL RD - WEST OF SITE	Street Montage Street Montage Context  Public Montage Public Montage	1C 7C	NOT VISIBLE - (Estimate)  Partial View amongst tree line  NOT VISIBLE  NOT VISIBLE - (Estimate)  Significant View Impact - across the street front
C5 C6 NORTH OF P8 P9 C7 ADJACENT P10 P11 EASTERN A	Swain Gardens BBQ Swain Gardens Pathway  SITE  Roseberry Rd and The Crest Intersection The Crest (Eastern Arterial Representational) North on Eastern Arterial - Springdale Rd Intersection  TO SITE  Hornsby Scout Fellowship Hall - 120 Stanhope Rd Stanhope Rd - No.92  ARTERIAL RD - WEST OF SITE  General Transit on Eastern Arterial Rd (side park area)	Street Montage Street Montage Context  Public Montage Public Montage Public Montage	1C 7C 10C	NOT VISIBLE - (Estimate)  Partial View amongst tree line  NOT VISIBLE  NOT VISIBLE - (Estimate)  Significant View Impact - across the street front  Partial View behind streetscape folliage
C5 C6 NORTH OF P8 P9 C7 ADJACENT P10 P11 EASTERN A P12 P13	Swain Gardens BBQ Swain Gardens Pathway  SITE  Roseberry Rd and The Crest Intersection The Crest (Eastern Arterial Representational) North on Eastern Arterial - Springdale Rd Intersection  TO SITE  Hornsby Scout Fellowship Hall - 120 Stanhope Rd Stanhope Rd - No.92  ARTERIAL RD - WEST OF SITE  General Transit on Eastern Arterial Rd (side park area) Eastern Arterial (Archibold Rd) and Tryon Rd Intersection Eastern Arterial (Archibold Rd) - Owen St Intersection	Street Montage Street Montage Context  Public Montage Public Montage Public Montage Street Montage	1C 7C 10C 11C	NOT VISIBLE - (Estimate)  Partial View amongst tree line  NOT VISIBLE  NOT VISIBLE - (Estimate)  Significant View Impact - across the street front  Partial View behind streetscape folliage  Partial View amongst tree line
C5 C6 NORTH OF P8 P9 C7 ADJACENT P10 P11 EASTERN A P12 P13 P14	Swain Gardens BBQ Swain Gardens Pathway  SITE  Roseberry Rd and The Crest Intersection The Crest (Eastern Arterial Representational) North on Eastern Arterial - Springdale Rd Intersection  TO SITE  Hornsby Scout Fellowship Hall - 120 Stanhope Rd Stanhope Rd - No.92  ARTERIAL RD - WEST OF SITE  General Transit on Eastern Arterial Rd (side park area) Eastern Arterial (Archibold Rd) and Tryon Rd Intersection Eastern Arterial (Archibold Rd) - Owen St Intersection	Street Montage Street Montage Context  Public Montage Public Montage Public Montage Street Montage	1C 7C 10C 11C	NOT VISIBLE - (Estimate)  Partial View amongst tree line  NOT VISIBLE  NOT VISIBLE - (Estimate)  Significant View Impact - across the street front  Partial View behind streetscape folliage  Partial View amongst tree line
C5 C6 NORTH OF P8 P9 C7 NDJACENT P10 P11 EASTERN A P12 P13 P14	Swain Gardens BBQ Swain Gardens Pathway  SITE  Roseberry Rd and The Crest Intersection The Crest (Eastern Arterial Representational) North on Eastern Arterial - Springdale Rd Intersection  TO SITE  Hornsby Scout Fellowship Hall - 120 Stanhope Rd Stanhope Rd - No.92  ARTERIAL RD - WEST OF SITE  General Transit on Eastern Arterial Rd (side park area) Eastern Arterial (Archibold Rd) and Tryon Rd Intersection  Eastern Arterial (Archibold Rd) - Owen St Intersection  OVAL  Lindfield Oval Carpark Gates	Street Montage Street Montage Context  Public Montage Public Montage Public Montage Street Montage Street Montage	1C 7C 10C 11C	NOT VISIBLE - (Estimate)  Partial View amongst tree line  NOT VISIBLE  NOT VISIBLE - (Estimate)  Significant View Impact - across the street front  Partial View behind streetscape folliage  Partial View amongst tree line  Partial View amongst tree line  NOT VISIBLE - (Estimate)
C5 C6 NORTH OF P8 P9 C7 NDJACENT P10 P11 EASTERN A P12 P13 P14 LINDFIELD	Swain Gardens BBQ Swain Gardens Pathway  SITE  Roseberry Rd and The Crest Intersection The Crest (Eastern Arterial Representational) North on Eastern Arterial - Springdale Rd Intersection  TO SITE  Hornsby Scout Fellowship Hall - 120 Stanhope Rd Stanhope Rd - No.92  ARTERIAL RD - WEST OF SITE  General Transit on Eastern Arterial Rd (side park area) Eastern Arterial (Archibold Rd) and Tryon Rd Intersection Eastern Arterial (Archibold Rd) - Owen St Intersection  OVAL	Street Montage Street Montage Context  Public Montage Public Montage Public Montage Street Montage Street Montage Context	1C 7C 10C 11C 11.1C	NOT VISIBLE - (Estimate)  Partial View amongst tree line  NOT VISIBLE  NOT VISIBLE - (Estimate)  Significant View Impact - across the street front  Partial View behind streetscape folliage  Partial View amongst tree line  Partial View amongst tree line  NOT VISIBLE - (Estimate)
C5 C6 NORTH OF P8 P9 C7 ADJACENT P10 P11 EASTERN A P12 P13 P14 LINDFIELD C9 P15	Swain Gardens BBQ Swain Gardens Pathway  SITE  Roseberry Rd and The Crest Intersection The Crest (Eastern Arterial Representational) North on Eastern Arterial - Springdale Rd Intersection  TO SITE  Hornsby Scout Fellowship Hall - 120 Stanhope Rd Stanhope Rd - No.92  ARTERIAL RD - WEST OF SITE  General Transit on Eastern Arterial Rd (side park area) Eastern Arterial (Archibold Rd) and Tryon Rd Intersection Eastern Arterial (Archibold Rd) - Owen St Intersection  OVAL  Lindfield Oval Carpark Gates Lindfield Oval (near Soldiers Memorial Park)	Street Montage Street Montage Context  Public Montage Public Montage Public Montage Street Montage Street Montage Context  Park Montage	1C 7C 10C 11C 11.1C	NOT VISIBLE - (Estimate)  Partial View amongst tree line  NOT VISIBLE  NOT VISIBLE - (Estimate)  Significant View Impact - across the street front  Partial View behind streetscape folliage  Partial View amongst tree line  Partial View amongst tree line  NOT VISIBLE - (Estimate)  SMALL VISIBLE AREA ONLY - (Estimate)



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The Lighting Society

Certifier: CMcFadzean

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#### SUMMARY

TITLE

## STREETSCAPE & PUBLIC VIEW ANALYSIS

PROJEC<sup>\*</sup>

LOURDES RETIREMENT VILLAGE REDEVELOPMENT 95-97 Stanhope Rd Killara

PROPOSED DESIGN

MASSING-PRELIMINARY DESIGN PLUS ARCHITECTURE

CLIENT

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#### GENERAL NOTES -

The descriptive comments per proposed analysis image are intended as a guide for further review and discussion.



PROPOSED

#### PHOTOMONTAGE IMAGE SET

PROPOSED - A 3D model composite overlay with using the Proposed 3D Massing model is inserted using the exact same settings (perspective) as teh Proof image. Masking is undertaken to assist with relative understanding of the location of the proposed design.

GREYTRANSPARENT-used when the proposed building is obscured by foreground elements in the photo (foreground trees) or distant trees that are INFRONT of the prospoed site.

RED LINES - indicate areas of the propsoed design that will be visible from this camera position in real life conditions.

FOREGROUND TREES - field notes and multiple angles during the photo survey enables more accurate estimate of folliage being in front or behind the proposed massing.



#### PHOTOMONTAGE IMAGE SET

to demonstrate accuracy tolerances.

Proof - A 3D model composite overlay with a photo timelapse photograph from the main Existing original Photograph. The Proof includes the Real Life Survey Staff and GPS for at least two positions as they were taken, matched to the 3D Model virtual Staff. This enables demonstration of Camera Target (Bearing). Camera location is determined by survey location.

Aerometrex terrain mapping outline to assist with secondary confirmation. In some photographs known objects (Mobile Tower / Large Pine tree) are also overlaid



#### LARGE DISTANCE CAMERA MAPPING

This style of view analysis work extensively uses GPS Surveying to enable location of key points. For each view position, a minimum of 6 control points must be accurately determined (within 10 - 40mm

Control Points are: - Camera Lens position. Camera Tripod (natural ground) at camera location and multiple staff locations - A Staff (2m tall) with GPS Sensor (Ball) is used to take at least two points inside the field of view of the camera and at different locations to enhance triangulation to enable greater accuracy. The staff locations are used to determine where the camera is targeting.

For longer distances the camera target location is critical with slight errors compounding to result in significant target errors. To avoid this , where possible distant reference objects are also used for tracking

Several positions had relatively poor fixes, which due to the coumpounding of error preculded calcualtion of the camera targetsuch as Swain Gardens. The fix error is unavoidable due to low terrain and significant tree cover. It should be noted that the accuracy requirement is very high, with the tolerance and perspective failure occuring with just a 80mm error prediction in any one fix.

It should be noted this high level of accuracy is a compounding error, and thus over shorter distances the typical Deneb workflow including electronic 1/100 bearing platform and laser range finder combinded with a minimum of 8 survey ref points all but removes the camera target error workflow.



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#### **HOW TO READ**

& Technical Considerations

#### CAMERA LOCATION



STREETSCAPE & PUBLIC VIEW ANALYSIS

LOURDES RETIREMENT VILLAGE REDEVELOPMENT 95-97 Stanhope Rd Killara

MASSING-PRELIMINARY DESIGN PLUS ARCHITECTURE

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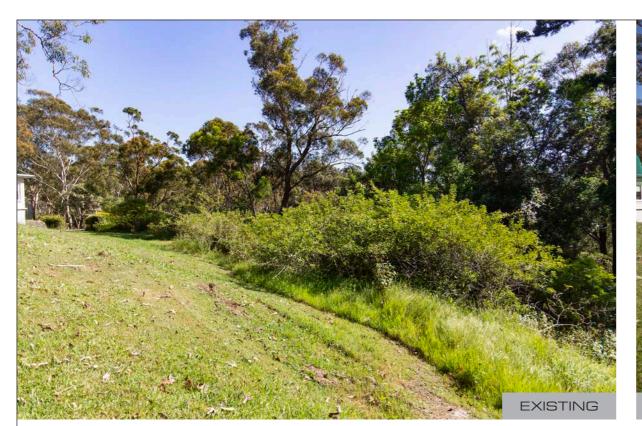
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#### NOTE:

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Photomontage perspective based on camera data, Survey position and survey photomatch. Including camera survey Height and position, and Bearing calculation. Proof includes Metromap Bearing calculation. Proof includes Netromap terrain alignment proof. Bearing calculation requires 6 positions, 4 of which are seen in each proof image (Staff and GPS). Proposed design photo includes montage within the foreground folliage.

Standing Height is 1.55m above ground.

PO1

Seven Little Australians Park 24mm Lens , Level Target, Standing Height

#### CAMERA LOCATION





Key Map

PROPOSED

Primary view axis - towards natural parkland setting.
Position - typical thoroughfare



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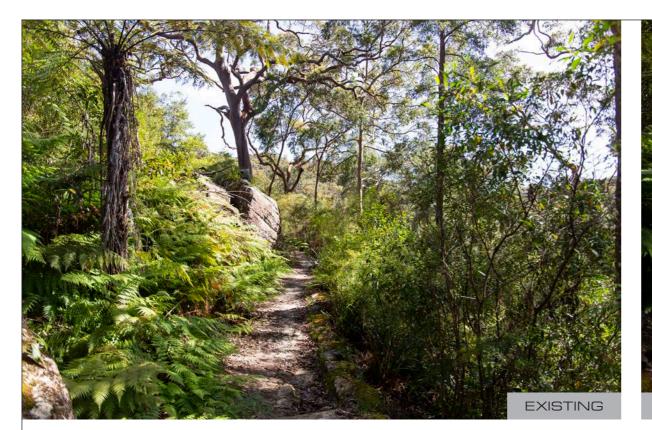
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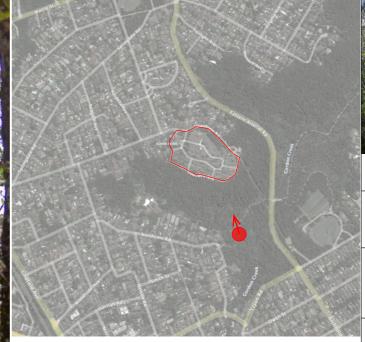
#### NOTE:

Photomontage perspective based on camera data, Survey position and survey photomatch. Including camera survey Height and position, and Bearing calculation. Proof includes Metromap terrain alignment proof. Bearing calculation requires 6 positions , 4 of which are seen in each proof image (Staff and GPS). Proposed design photo includes montage within the foreground folliage.
Standing Height is 1.55m above ground.

#### P02

Seven Little Australians Park 24mm Lens , Level Target , Standing Height

#### CAMERA LOCATION



Key Map

PROPOSED

Primary view axis - towards natural parkland setting - following track and looking into opening in folliage

Position - on walking track



STREETSCAPE & PUBLIC VIEW ANALYSIS

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**C**1 NORTHCOTE RD-CONTEXT PHOTO 24mm Lens , Level Target, Standing Height

#### CAMERA LOCATION



STREETSCAPE & PUBLIC VIEW ANALYSIS

LOURDES RETIREMENT VILLAGE REDEVELOPMENT 95-97 Stanhope Rd Killara

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Primary view axis - perpendicular to travel axis - explores possible view impact to houses.

Position - on road verge, as elevated and oper

as possible on this section of road

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CONTEXT PHOTO

Key Map

No Photomontage on this image Impact considered to be hidden from view



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NORTHCOTE RD - CONTEXT PHOTO 24mm Lens, Level Target, Standing Height

#### CAMERA LOCATION



STREETSCAPE & PUBLIC VIEW ANALYSIS

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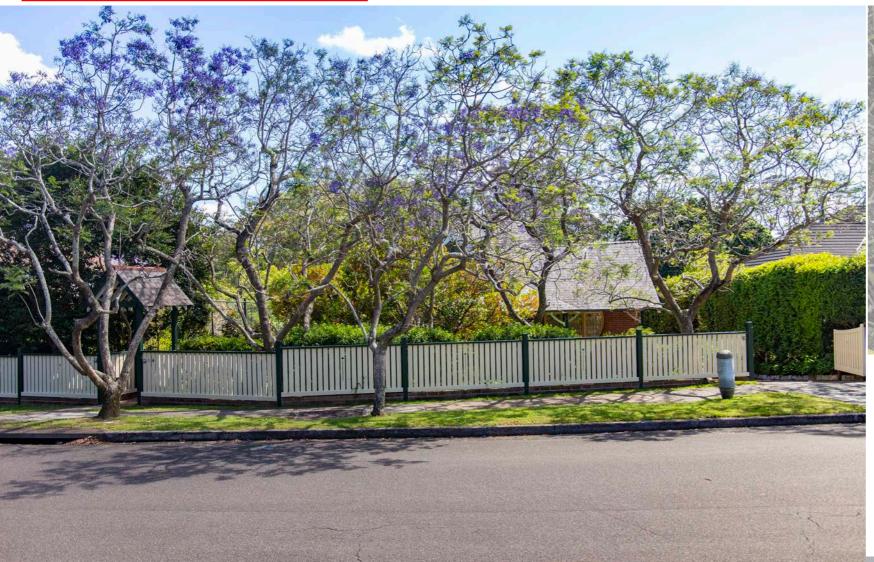
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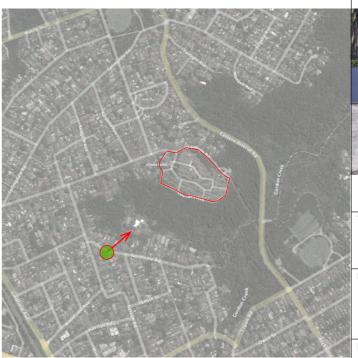
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No Photomontage on this image Impact considered to be hidden from view





Key Map

Primary view axis - perpendicular to travel axis - explores possible view impact to houses.

Position - on road verge, as elevated and oper as possible on this section of road





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#### NOTE:

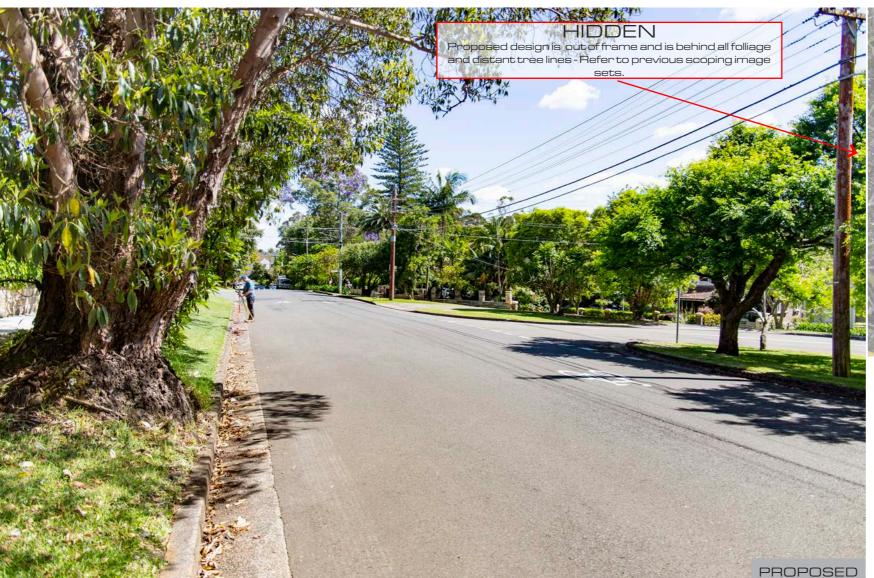
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Photomontage perspective based on camera data, Survey position and survey photomatch. Including camera survey Height and position, and Bearing calculation. Proof includes Metromap terrain alignment proof. Bearing calculation requires 6 positions, 4 of which are seen in each proof image (Staff and GPS). Proposed design photo includes montage within the foreground folliage.
Standing Height is 1.55m above ground.

#### P03

Nelson Rd & Northcote Rd 24mm Lens , Level Target, Standing Height

#### CAMERA LOCATION





Key Map

Primary view axis - along direction of travel towards site (not directly at site - refer to other images in set).

Position - on Footpath - Elevated



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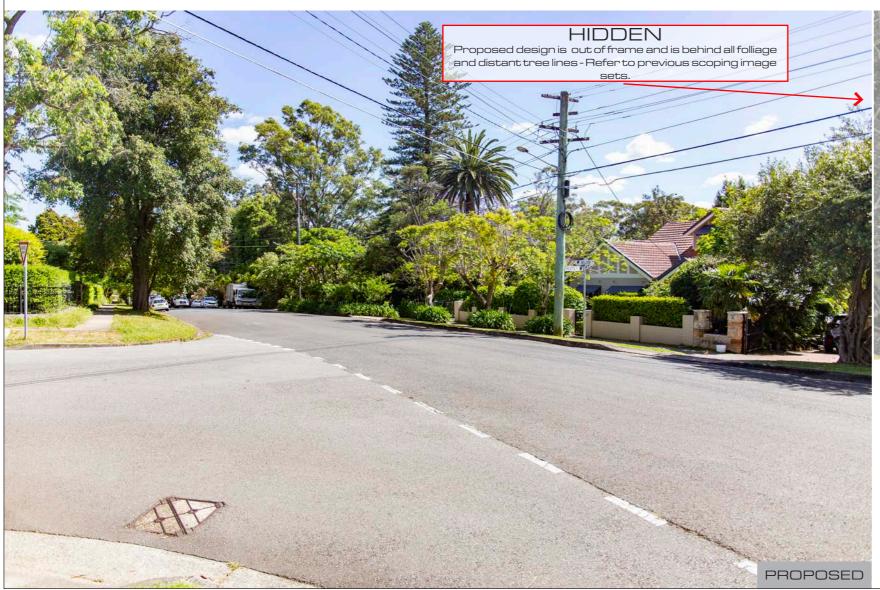
#### NOTE:

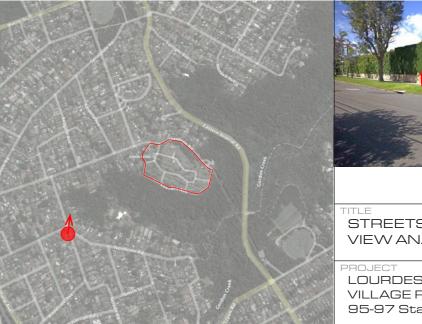
Photomontage perspective based on camera data, Survey position and survey photomatch. Including camera survey Height and position, and Bearing calculation. Proof includes Metromap terrain alignment proof. Bearing calculation requires 6 positions, 4 of which are seen in each proof image (Staff and GPS). Proposed design photo includes montage within the foreground folliage.
Standing Height is 1.55m above ground.

#### P04

Treatts Rd & Northcote Rd 24mm Lens , Level Target, Standing Height

#### CAMERA LOCATION





Key Map

Primary view axis - along direction of travel towards site (not directly at site - refer to

other images in set).
Position - on Footpath - Elevated



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PROPOSED

#### CERTIFIED PHOTOMONTAGE No:PMC198701

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#### NOTE:

ies

Photomontage perspective based on camera data, Survey position and survey photomatch. Including camera survey Height and position, and Bearing calculation. Proof includes Metromap terrain alignment proof. Bearing calculation requires 6 positions , 4 of which are seen in each proof image (Staff and GPS). Proposed design photo includes montage within the foreground folliage.
Standing Height is 1.55m above ground.

#### P05

Stanhope Rd near Springdale Rd Corner

30mm Lens, Level Target, Standing Height

#### CAMERA LOCATION



Primary view axis - direction of travel Position - road verge , standing



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PM 011 21.11.22 VERSION : 01 c



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C3 stanhoperd/garnetst-CONTEXT PHOTO 24mm Lens, Level Target, Standing Height

#### CAMERA LOCATION



STREETSCAPE & PUBLIC VIEW ANALYSIS

LOURDES RETIREMENT VILLAGE REDEVELOPMENT 95-97 Stanhope Rd Killara

MASSING-PRELIMINARY DESIGN PLUS ARCHITECTURE

CLIENT

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PM 012 : 21.11.22 VERSION : 01 c : 1987 REF

No Photomontage on this image Impact considered to be hidden from view





Key Map

CONTEXT PHOTO

Primary view axis - direction of travel Position - Footpath , standing





Refer to attached Certificate.

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#### NOTE:

ies

Photomontage perspective based on camera data, Survey position and survey photomatch. Including camera survey Height and position, and Bearing calculation. Proof includes Metromap terrain alignment proof. Bearing calculation requires 6 positions, 4 of which are seen in each proof image (Staff and GPS). Proposed design photo includes montage within the foreground folliage.
Standing Height is 1.55m above ground.

P06

Stanhope Rd & Redgum Ave 24mm Lens , Level Target, Standing Height

#### CAMERA LOCATION





Key Map

PROPOSED

Primary view axis - direction of travel Position - Footpath , standing



STREETSCAPE & PUBLIC VIEW ANALYSIS

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#### NOTE:

ies

Photomontage perspective based on camera data, Survey position and survey photomatch. Including camera survey Height and position, and Bearing calculation. Proof includes Metromap terrain alignment proof. Bearing calculation requires 6 positions, 4 of which are seen in each proof image (Staff and GPS). Proposed design photo includes montage within the foreground folliage.
Standing Height is 1.55m above ground.

#### P07

Rosebery Rd and Stanhope Intersection 35mm Lens , Level Target, Standing Height

#### CAMERA LOCATION





Key Map

Primary view axis - direction of travel/intersection, bias into site.
Position - Roadway , standing



STREETSCAPE & PUBLIC VIEW ANALYSIS

LOURDES RETIREMENT VILLAGE REDEVELOPMENT 95-97 Stanhope Rd Killara

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Member of IES

C4 SWAIN GARDENS-ENTRY -CONTEXT PHOTO

24mm Lens , Level Target, Standing Height

#### CAMERA LOCATION



STREETSCAPE & PUBLIC VIEW ANALYSIS

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MASSING-PRELIMINARY DESIGN PLUS ARCHITECTURE

CLIENT LEVANDE

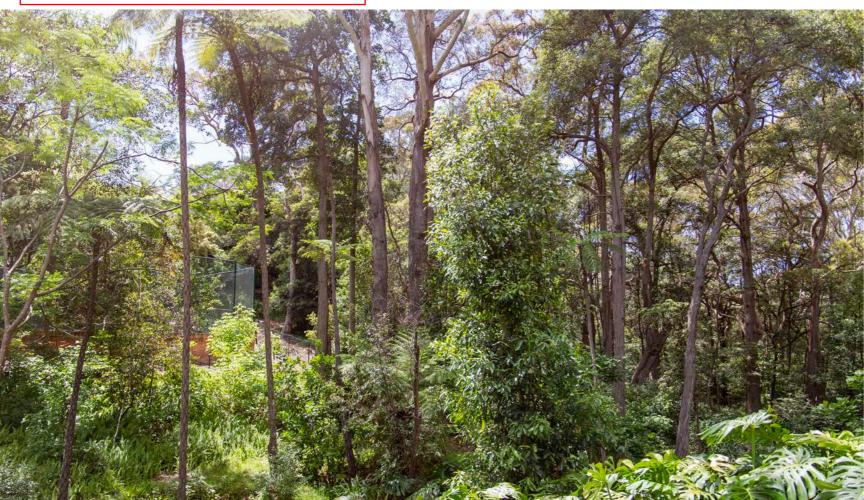
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PM 015 : 21.11.22 VERSION : 01 c : 1987 REF

#### TECHNICAL NOTE:

Due to terrain and tree cover GPS acquisition was limited to a tolerance of height that did not meet the requirements for a stable 6 point position to be determined. Photomontage is not



No Photomontage on this image Impact considered to be behind all folliage in photo. Any proposed works will be well hidden behind the foreground

folliage. Foreground folliage was investigated to arrive at

this conclusion



Key Map

Primary view axis - towards site , perpendicular to main transit axis Position - Parking Lot , standing

**CONTEXT PHOTO** 



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Member of IES

TECHNICAL NOTE:

Due to terrain and tree cover GPS acquisition
was limited to a tolerance of height that did not
meet the requirements for a stable 6 point
position to be determined. Photomontage is not
available

# C5 SWAIN GARDENS-BBQ -CONTEXT PHOTO 24mm Lens, Level Target, Standing Height

#### CAMERA LOCATION



ITLE

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PROJEC<sup>1</sup>

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Key Map

CONTEXT PHOTO

Primary view axis - towards site , Position - BBQ Artificial grass spot , standing



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Member of IES

#### TECHNICAL NOTE:

Due to terrain and tree cover GPS acquisition was limited to a tolerance of height that did not meet the requirements for a stable 6 point position to be determined. Photomontage is not available.

-CONTEXT PHOTO 24mm Lens , Level Target, Standing Height

C6 SWAIN GARDENS-PATHWAY

#### CAMERA LOCATION



ΓITLE

STREETSCAPE & PUBLIC VIEW ANALYSIS

PROJEC<sup>-</sup>

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PROPOSED DESIGN

MASSING-PRELIMINARY DESIGN PLUS ARCHITECTURE

CLIENT LEVANDE

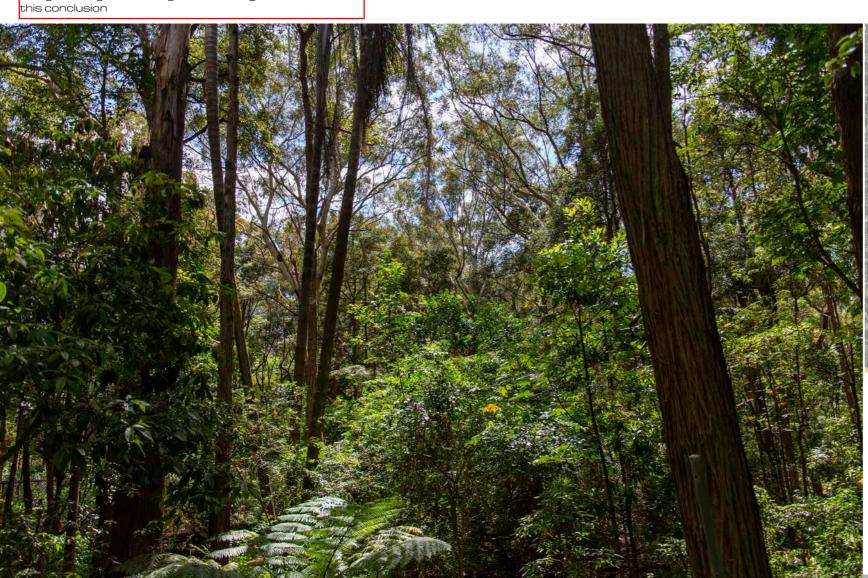
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folliage. Foreground folliage was investigated to arrive at



Key Map

CONTEXT PHOTO

Primary view axis - looking into lighter region of folliage - approx. perpendicular to main transit axis

Position - Garden Walkway/bridge , standing





Refer to attached Certificate.

#### NOTE:

ies

Photomontage perspective based on camera data, Survey position and survey photomatch. Including camera survey Height and position, and Bearing calculation. Proof includes Metromap terrain alignment proof. Bearing calculation requires 6 positions, 4 of which are seen in each proof image (Staff and GPS). Proposed design photo includes montage within the foreground folliage.
Standing Height is 1.55m above ground.

#### P8

Rosebery Rd and The Crest Intersection 24mm Lens , Level Target, Standing Height

#### CAMERA LOCATION



Key Map

PROPOSED

Primary view axis - direction of travel Position - Roadside Verge in opening , standing



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#### NOTE:

Photomontage perspective based on camera data, Survey position and survey photomatch. Including camera survey Height and position, and Bearing calculation . Proof includes Metromap terrain alignment proof. Bearing calculation requires 6 positions, 4 of which are seen in each proof image (Staff and GPS). Proposed design photo includes montage within the foreground folliage.
Standing Height is 1.55m above ground.

P9 The Crest

(Eastern Arterial representation) 26mm Lens, Level Target, Standing Height

#### CAMERA LOCATION





Key Map

PROPOSED

Primary view axis - direction of travel
Position - Roadside in opening , standing
Representing a similiar outlook view to
Eastern Arterial (Elevated) as in this area the Eastern Arterial drops significantly lower (view restrictive



STREETSCAPE & PUBLIC VIEW ANALYSIS

LOURDES RETIREMENT VILLAGE REDEVELOPMENT 95-97 Stanhope Rd Killara

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C7
NORTHONEASTERNARTERIAL (Springdale Rd Intersection) -CONTEXT PHOTO 24mm Lens, Level Target, Standing Height

CAMERA LOCATION



STREETSCAPE & PUBLIC VIEW ANALYSIS

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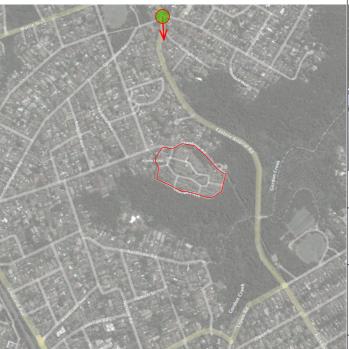


PM 020 21.11.22 VERSION : 01 c : 1987

No Photomontage on this image Impact considered to be behind foreground most of the folliage in photo. Based on no evidence of Mobile tower

being sighted in view.





Key Map

Primary view axis - in direction of travel, towards site.

Position - Intersection, standing

LEVANDE

3D SHADOW DIAGRAMS

CONTEXT PHOTO



SIGNIFICANT VIEW IMPACT Proposed design will be visible and evident, replacing all urban elements in present view



#### CERTIFIED PHOTOMONTAGE No:PMC198701

Refer to attached Certificate.

ies

#### NOTE:

Photomontage perspective based on camera data, Survey position and survey photomatch. Including camera survey Height and position, and Bearing calculation. Proof includes Metromap terrain alignment proof. Bearing calculation requires 6 positions, 4 of which are seen in each proof image (Staff and GPS). Proposed design photo includes montage within the foreground folliage.
Standing Height is 1.55m above ground.

P10

Hornsby Scout Fellowship Hall-120 Stanhope Rd 24mm Lens, Level Target, Standing Height

#### CAMERA LOCATION



Key Map

PROPOSED

Primary view axis - into site Position - far corner of Scouts park (for width of Field of View



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PARTIAL VIEW IMPACT

Proposed design is behind all folliage and distant tree

lines. RED indicates possible viewable areas. Folliage on

treetscape is predominaetly retained and / or enhanced

in the proposed design.



PROPOSED



Refer to attached Certificate.

#### NOTE:

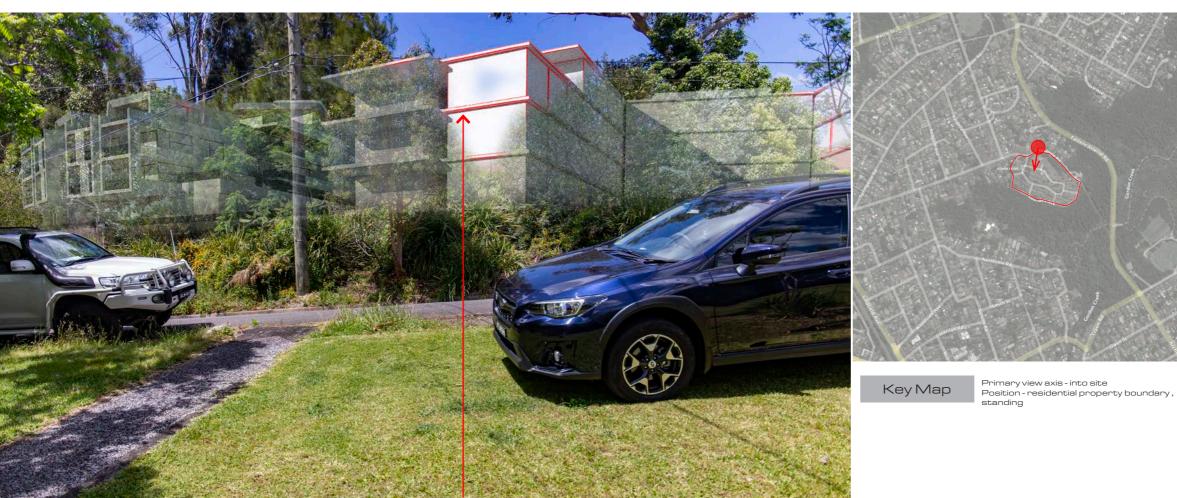
Photomontage perspective based on camera data, Survey position and survey photomatch. Including camera survey Height and position, and Bearing calculation . Proof includes Metromap Bearing calculation. Proof includes Netromap terrain alignment proof. Bearing calculation requires 6 positions, 4 of which are seen in each proof image (Staff and GPS). Proposed design photo includes montage within the foreground folliage.

Standing Height is 1.55m above ground.

P11

92 Stanhope Rd 24mm Lens , Level Target , Standing Height

#### CAMERA LOCATION





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#### NOTE:

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Photomontage perspective based on camera data, Survey position and survey photomatch. Including camera survey Height and position, and Bearing calculation. Proof includes Metromap terrain alignment proof. Bearing calculation requires 6 positions, 4 of which are seen in each proof image (Staff and GPS). Proposed design photo includes montage within the foreground folliage.
Standing Height is 1.55m above ground.

P12

Eastern Arterial - Side Park 24mm Lens , Level Target , Standing Height

#### CAMERA LOCATION





Key Map

Primary view axis - orientated to opening in view, towards site
Position - dirt carpark for single car space -

National Park access track, standing.



STREETSCAPE & PUBLIC VIEW ANALYSIS

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PARTIAL VIEW IMPACT oposed d<mark>esign is</mark> beh<mark>ind all folliage a</mark>nd distant tree lines RED indicates possible viewable areas



#### CERTIFIED PHOTOMONTAGE No:PMC198701

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Certifier: C McFadzean B Arch BA (Arch) IES ABSA AAAI

#### NOTE:

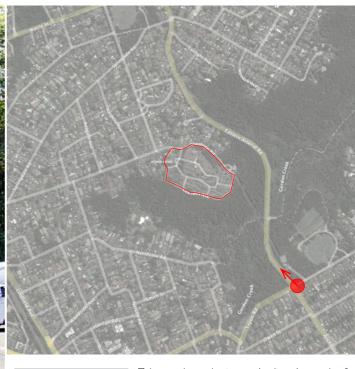
ies

Photomontage perspective based on camera data, Survey position and survey photomatch. Including camera survey Height and position, and Bearing calculation . Proof includes Metromap terrain alignment proof. Bearing calculation requires 6 positions, 4 of which are seen in each proof image (Staff and GPS). Proposed design photo includes montage within the foreground folliage.
Standing Height is 1.55m above ground.

#### P13

Eastern Arterial (Archibold Rd) and Tryon Rd Intersection 24mm Lens, Level Target, Standing Height

#### CAMERA LOCATION



Key Map

PROPOSED

Primary view axis - towards site, along axis of

Position - Footpath , Standing.



STREETSCAPE & PUBLIC VIEW ANALYSIS

LOURDES RETIREMENT VILLAGE REDEVELOPMENT 95-97 Stanhope Rd Killara

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#### NOTE:

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Photomontage perspective based on camera data, Survey position and survey photomatch. Including camera survey Height and position, and Bearing calculation. Proof includes Metromap terrain alignment proof. Bearing calculation requires 6 positions, 4 of which are seen in each proof image (Staff and GPS). Proposed design photo includes montage within the foreground folliage.
Standing Height is 1.55m above ground.

P14

Eastern Arterial (Archibold Rd) - Owen St Intersection 24mm Lens , Level Target , Standing Height

#### CAMERA LOCATION





Key Map

Primary view axis - towards site, along axis of travel
Position - Footpath , Standing.



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C9 Lindfield Oval - Entry Gates 24mm Lens , Level Target , Standing Height

#### CAMERA LOCATION



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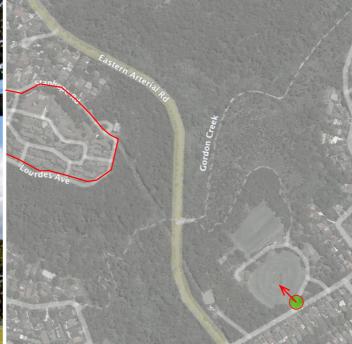


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: 1987

No Photomontage on this image Impact considered to be behind all folliage in photo.





Key Map

Primary view axis - towards site, Position -Entry Gates on road , Standing.





Refer to attached Certificate.

#### NOTE:

ies

Photomontage perspective based on camera data, Survey position and survey photomatch. Including camera survey Height and position, and Bearing calculation . Proof includes Metromap terrain alignment proof. Bearing calculation requires 6 positions, 4 of which are seen in each proof image (Staff and GPS).

Proposed design photo includes montage within the foreground folliage.
Standing Height is 1.55m above ground.

#### P15

Lindfield Oval - near Soldiers Memorial Park 24mm Lens, Level Target, Standing Height

#### CAMERA LOCATION





Key Map

Primary view axis - towards site, Position - Main Footpath , Standing.



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#### NOTE:

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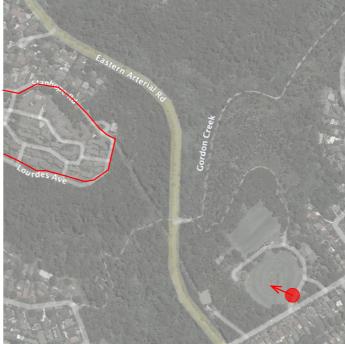
Photomontage perspective based on camera data, Survey position and survey photomatch. Including camera survey Height and position, and Bearing calculation. Proof includes Metromap terrain alignment proof. Bearing calculation requires 6 positions, 4 of which are seen in each proof image (Staff and GPS). Proposed design photo includes montage within the foreground folliage.
Standing Height is 1.55m above ground.

P16

Lindfield Oval 24mm Lens , Level Target , Standing Height

#### CAMERA LOCATION





Key Map

Primary view axis - towards site, Position - Main Footpath , Standing.



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#### NOTE:

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Photomontage perspective based on camera data, Survey position and survey photomatch. Including camera survey Height and position, and Bearing calculation. Proof includes Metromap terrain alignment proof. Bearing calculation requires 6 positions, 4 of which are seen in each proof image (Staff and GPS). Proposed design photo includes montage within the foreground folliage.
Standing Height is 1.55m above ground.

Lindfield Oval - On the Grass 24mm Lens , Level Target, Standing Height

P17

#### CAMERA LOCATION





Key Map

Primary view axis - towards site, Position - On Grass Oval , Standing.



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Refer to attached Certificate.

C10

-On Grass 24mm Lens , Level Target , Standing Height

Lindfield Oval

#### CAMERA LOCATION



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Key Map

Primary view axis - towards site, Position - On Grass Oval , Standing.