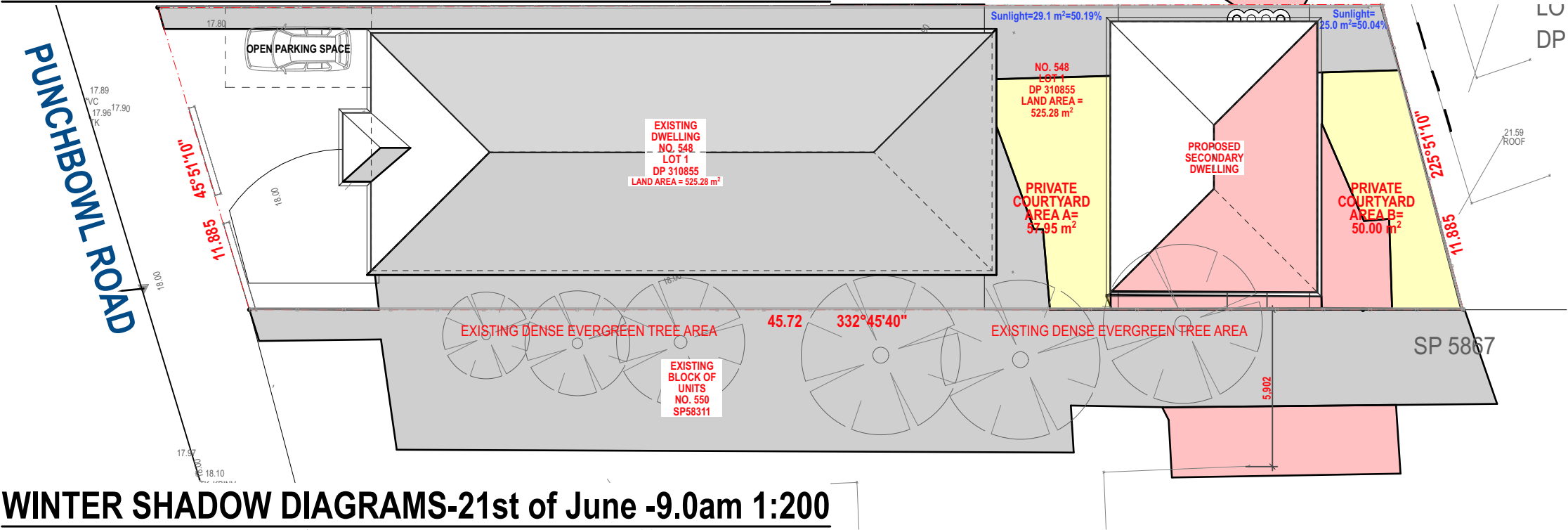


WINTER SHADOW DIAGRAMS-21st of June -8.0am 1:200



WINTER SHADOW DIAGRAMS-21st of June -9.0am 1:200

NOTES ON SHADOW DIAGRAMS

THESE SHADOW DIAGRAMS HAVE BEEN GENERATED BY COMPUTER CALCULATIONS USING THE SOFTWARE"ArchiCAD 27.0." SHADOW OUTLINES HAVE BEEN CAST ON GROUND PLANE ONLY. DIAGRAMS SHOW SHADOW EFFECTS BY No.548 PUNCHBOWL ROAD LAKEMBA NSW FOR EXISTING AND PROPOSED CONDITIONS.

SHADOW AREAS DUE TO THE PROPOSED WORKS AT No.548 PUNCHBOWL ROAD LAKEMBA NSW. HAVE BEEN SPECIALLY INDICATED BY YELLOW SHADING AND ANNOTATION DIRECTION OF TRUE NORTH HAS BEEN TRANSCRIBED FROM THE SITE SURVEY

PREPARED BY ERGO DESIGNS P/L.

SOLAR STATISTICS - 21 JUNE		
TIME	AZIMUTH	ALTITUDE
9AM	42.5° NE	17°
12 PM	0° N	32°
3 PM	42.5° NW	17°

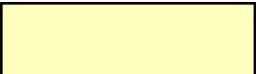
LEGEND



EXISTING SHADOW AREA OF EXISTING FENCE AT @ No.548 PUNCHBOWL ROAD LAKEMBA NSW .



ADDITIONAL SHADOW AREAS DUE TO PROPOSED NEW STRUCTURE AT No.548 PUNCHBOWL ROAD LAKEMBA NSW OVER EXISTING SHADOWS



SUNLIGHT HOURS AVAILABLE IN THE PRIVATE COURTYARD AREA DUE TO PROPOSED NEW STRUCTURE AT No.548 PUNCHBOWL ROAD LAKEMBA NSW.

NOTE THE FOLLOWING:

PROPOSED SHADOW IMPACTS DO NOT AFFECT ANY OF THE ADJOINING WINDOWS OR COURTYARD AREA IN THE EXISTING BLOCK OF UNITS IN THE NEXT DOOR PROPERTY BECAUSE:

- 1.THE ADJOINING BUILDING IS WELL -AWAY- 5.902m. AWAY.
2. THERE IS AN EXISTING BUFFER BELT OF DENSE PLANTED EVERGREEN TREES IN BETWEEN THE ADJOINING BUILDING AND THE PROPOSED DEVELOPMENT.

THE COURTYARD AREA OF OUR SITE SHALL HAVE A MINIMUM OF 3 HOURS OF SUNLIGHT DURING THE MORNING HOURS OF BETWEEN 9.0am & 12pm.

NOTES :  
DO NOT SCALE OFF DRAWINGS. USE FIGURED DIMENSIONS ONLY.  
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..	..	..
A	DA SUBMISSION	24/2/25
rev	notes	date

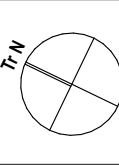
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548 PUNCHBOWL ROAD LAKEMBA  
NSW  
client

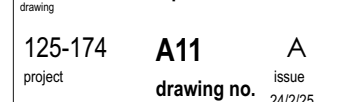
PROPOSED NEW SECONDARY DWELLING  
project  
548  
PUNCHBOWL ROAD  
LAKEMBA  
address

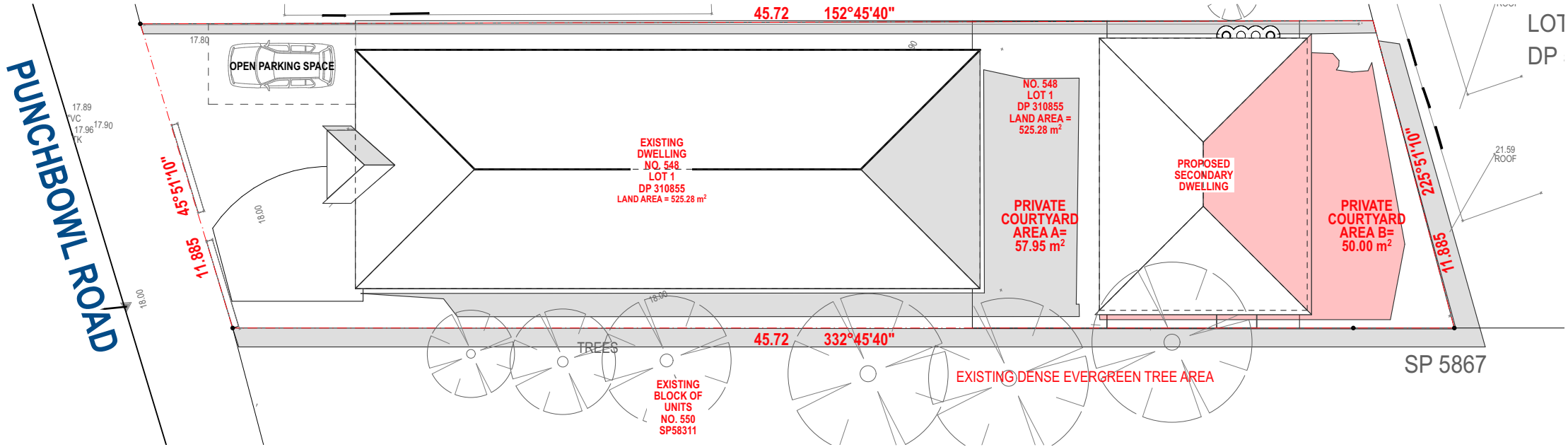
**Ergo Designs P/L**  
building designers and consultants  
334A homer st earlwood nsw 2206 ph: 9558 1233  
e-mail: ergo-des@bigpond.net.au

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BUILDING DESIGN CLASSES (2 LOW & MEDIUM RISE)  
Registration Number DEP0001890

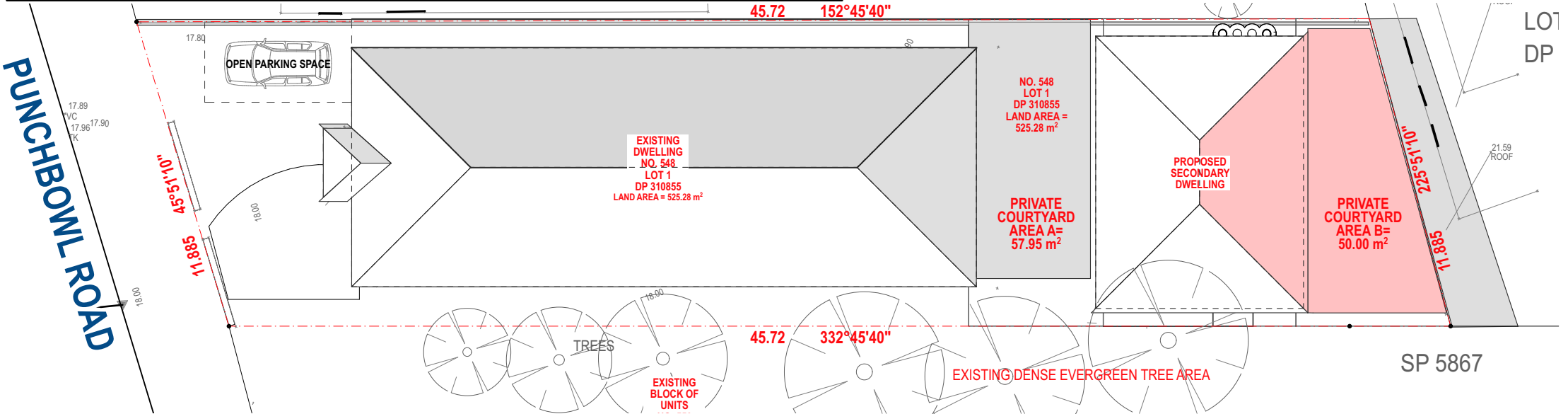


SHADOW DIAGRAMS-WINTER-8&9  
am.  
drawing  
125-174  
project  
A10  
drawing no.  
A  
issue  
24/2/25

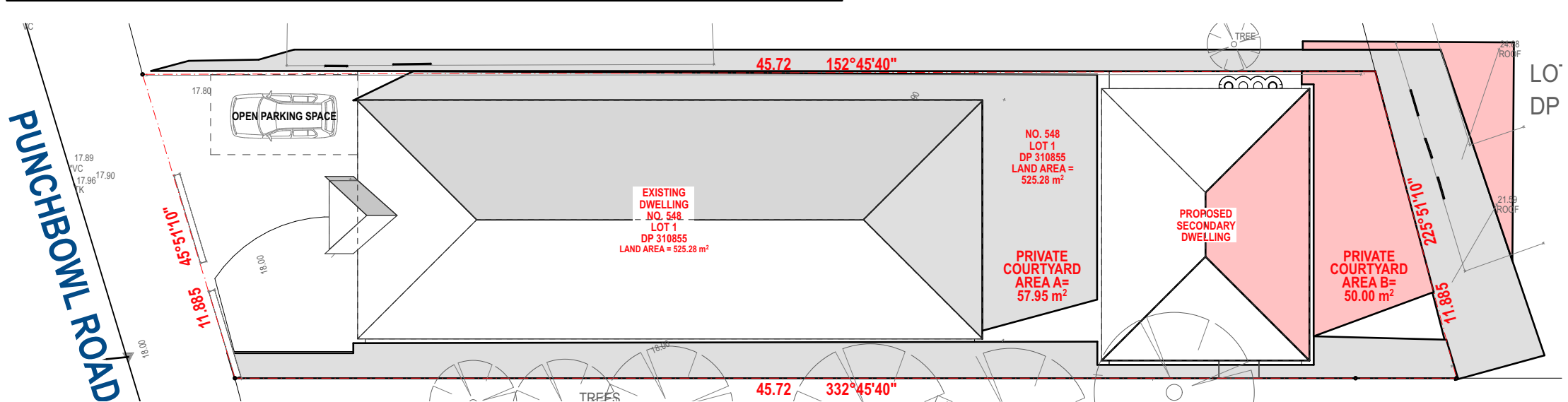




WINTER SHADOW DIAGRAMS-21st of June -1.0pm 1:200



WINTER SHADOW DIAGRAMS-21st of June -2.0pm 1:200



WINTER SHADOW DIAGRAMS-21st of June -3.0pm 1:200

### NOTES ON SHADOW DIAGRAMS

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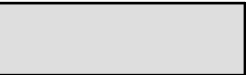
SHADOW AREAS DUE TO THE PROPOSED WORKS AT No.548 PUNCHBOWL ROAD LAKEMBA NSW. HAVE BEEN SPECIALLY INDICATED BY YELLOW SHADING AND ANNOTATION DIRECTION OF TRUE NORTH HAS BEEN TRANSCRIBED FROM THE SITE SURVEY

PREPARED BY ERGO DESIGNS P/L.

### SOLAR STATISTICS - 21 JUNE

TIME	AZIMUTH	ALTITUDE
9AM	42.5° NE	17°
12 PM	0° N	32°
3 PM	42.5° NW	17°

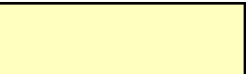
### LEGEND



EXISTING SHADOW AREA OF EXISTING FENCE AT @ No.548 PUNCHBOWL ROAD LAKEMBA NSW .



ADDITIONAL SHADOW AREAS DUE TO PROPOSED NEW STRUCTURE AT No.548 PUNCHBOWL ROAD LAKEMBA NSW OVER EXISTING SHADOWS



SUNLIGHT HOURS AVAILABLE IN THE PRIVATE COURTYARD AREA DUE TO PROPOSED NEW STRUCTURE AT No.548 PUNCHBOWL ROAD LAKEMBA NSW.

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A	DA SUBMISSION	24/2/25
rev	notes	date

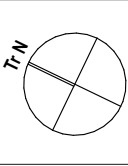
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MR MUHAMMAD FERDOUS ALAM  
548 PUNCHBOWL ROAD LAKEMBA  
NSW  
client

PROPOSED NEW SECONDARY DWELLING  
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548  
PUNCHBOWL ROAD  
LAKEMBA  
address

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Registration Number DEP001890



SHADOW DIAGRAMS-WINTER.1pm-3  
pm  
drawing  
125-174  
project  
A12  
drawing no.  
A  
issue  
24/2/25