

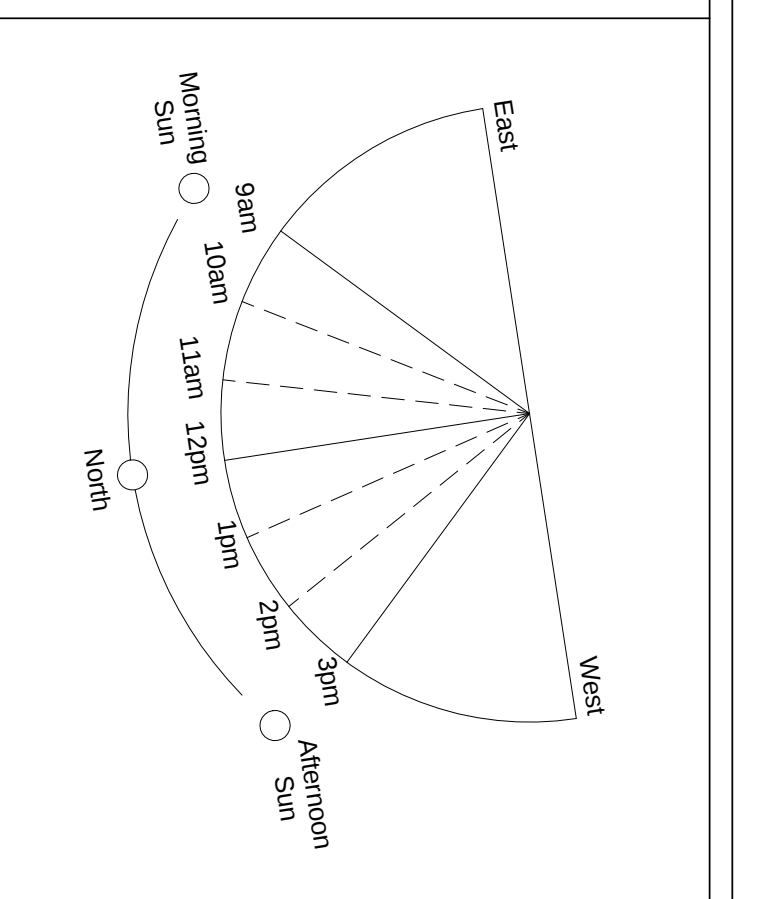


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 6. Note that ground levels may vary due to site conditions.

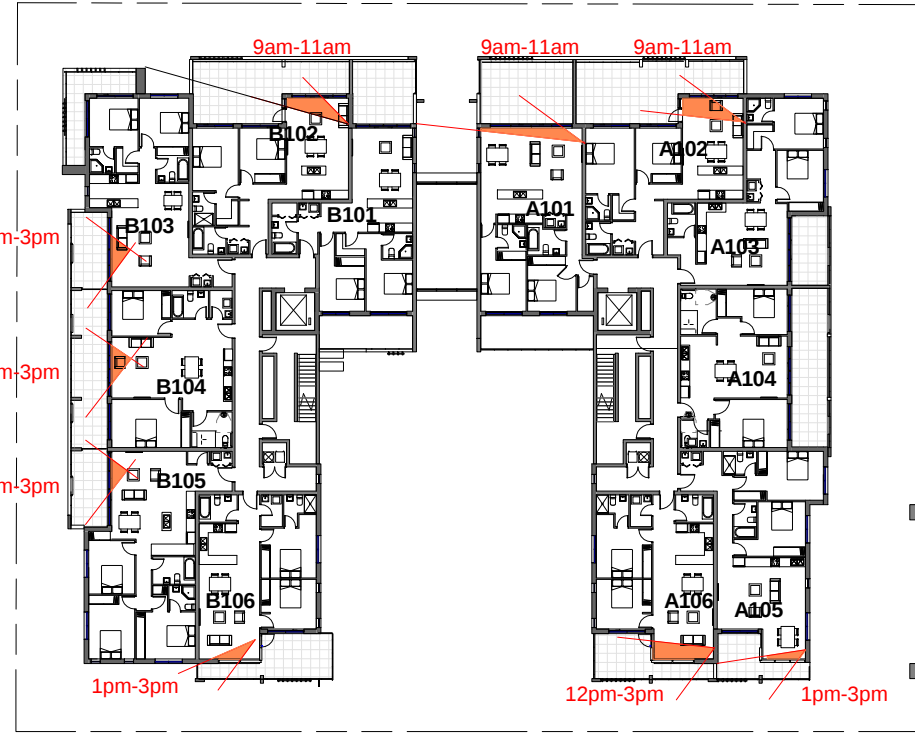


Issue	Description	Date
A	DA Lodgement	Dec 2015
B	DA Amendment	Mar 2016
C	Information of mid-winter Solar Access for Communal Open Space Added	Sep 2016

Client Goulburn Liverpool (NSW) P/L		
Project Address 17-23 Goulburn Street Liverpool		
Solar Access Study / Cross Ventilation Study		
NOT FOR CONSTRUCTION		
Project number		2015-24
Date		SEP 2016
Drawn by	AH	Printed 16/09/2016 2:52:29 PM
Checked by		GF
A301		
Scale	As indicated	Drawing : DA
		Issue C



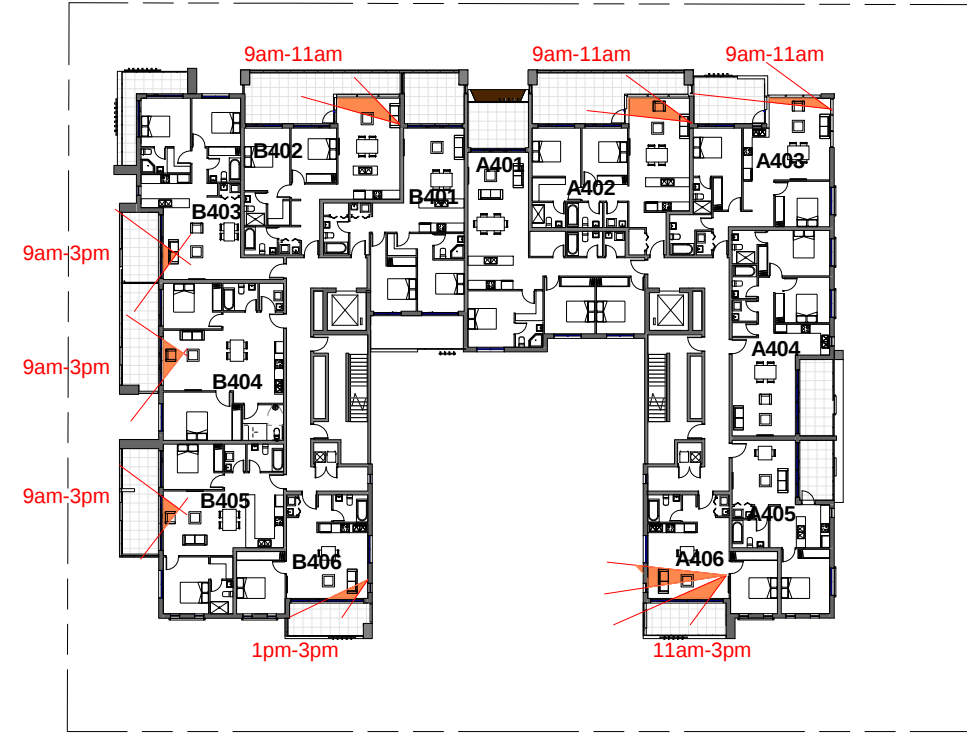
1 Solar Access_Level 0
1 : 500



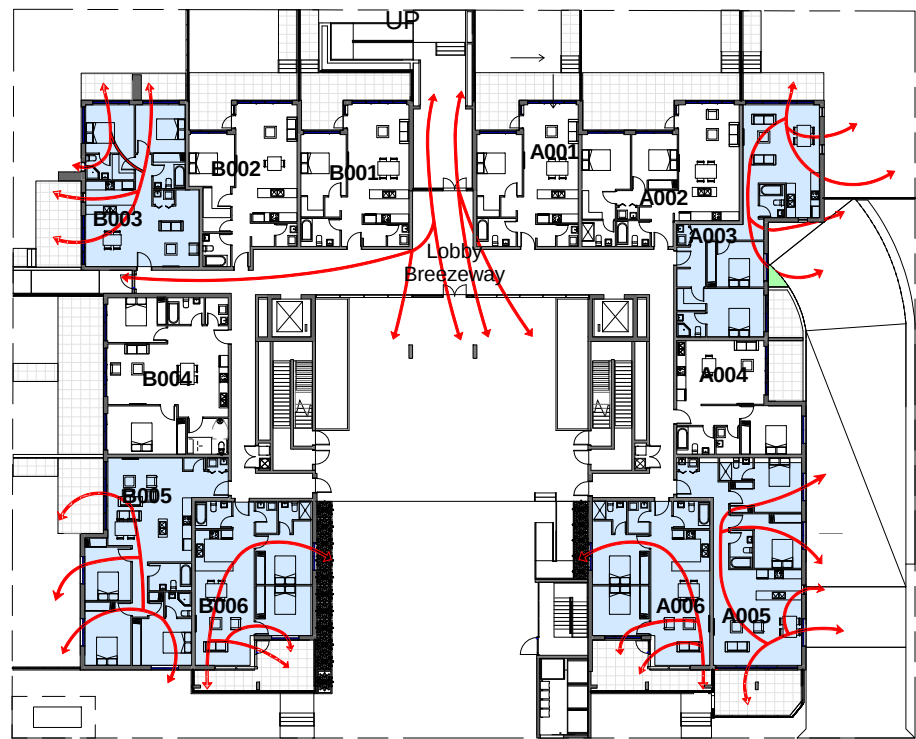
2 Solar Access_Level 1
1 : 500



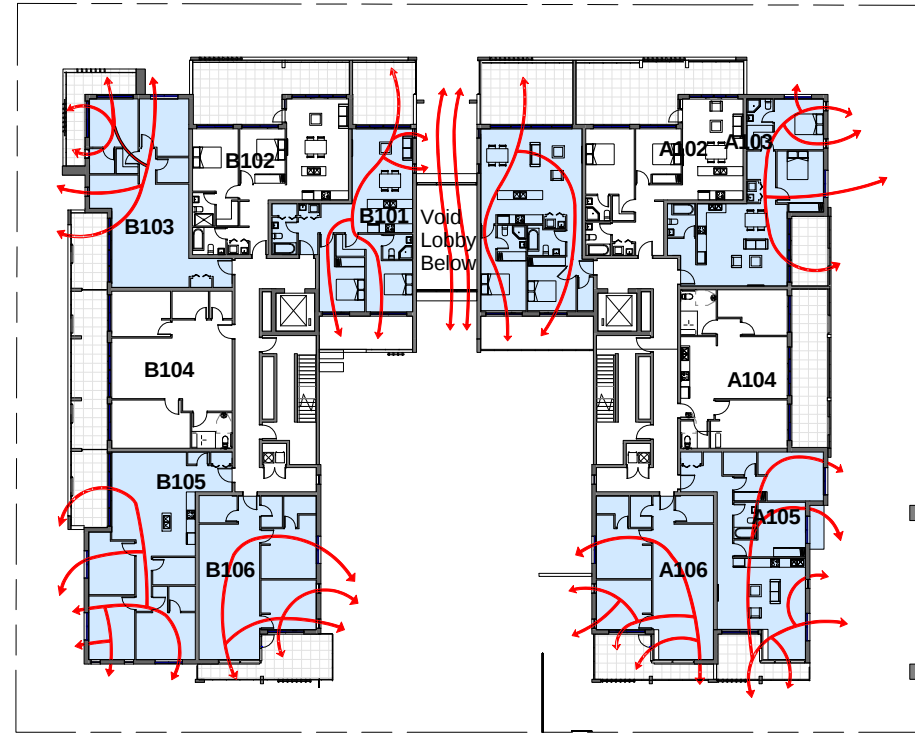
3 Solar Access_Level 2 & 3
1 : 500



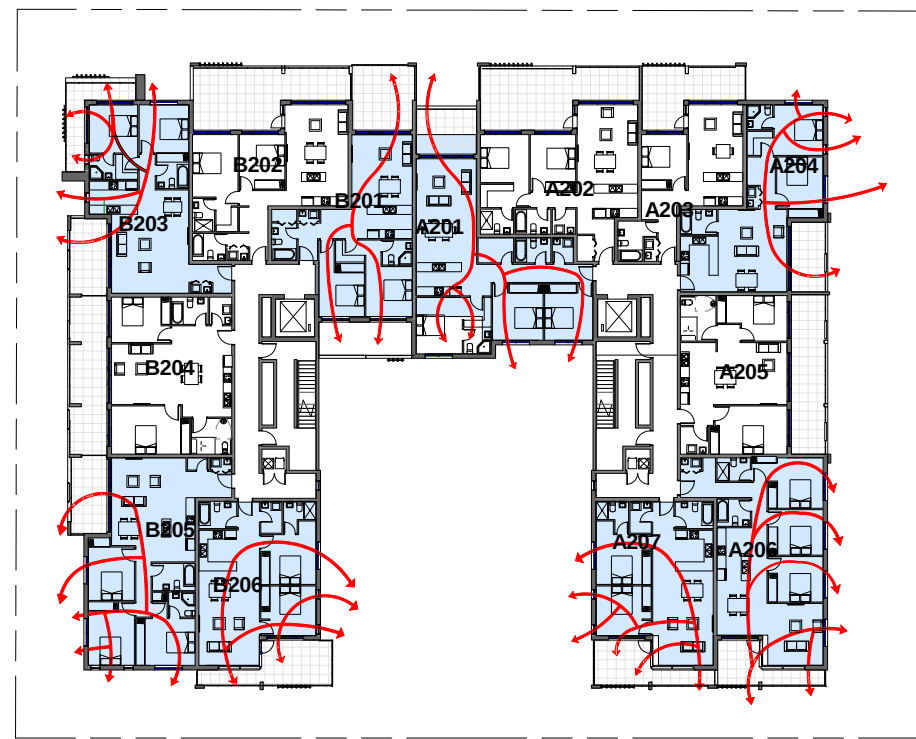
4 Solar Access_Level 4-7
1 : 500



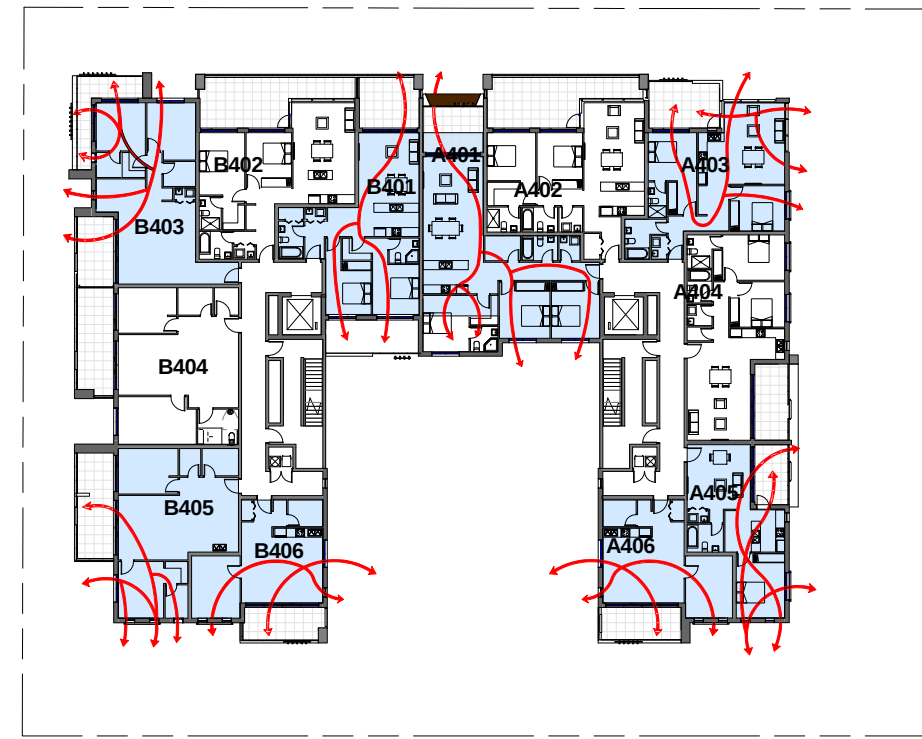
6 Natural Ventilations_Level 0
1 : 500



7 Natural Ventilation_Level 1
1 : 500



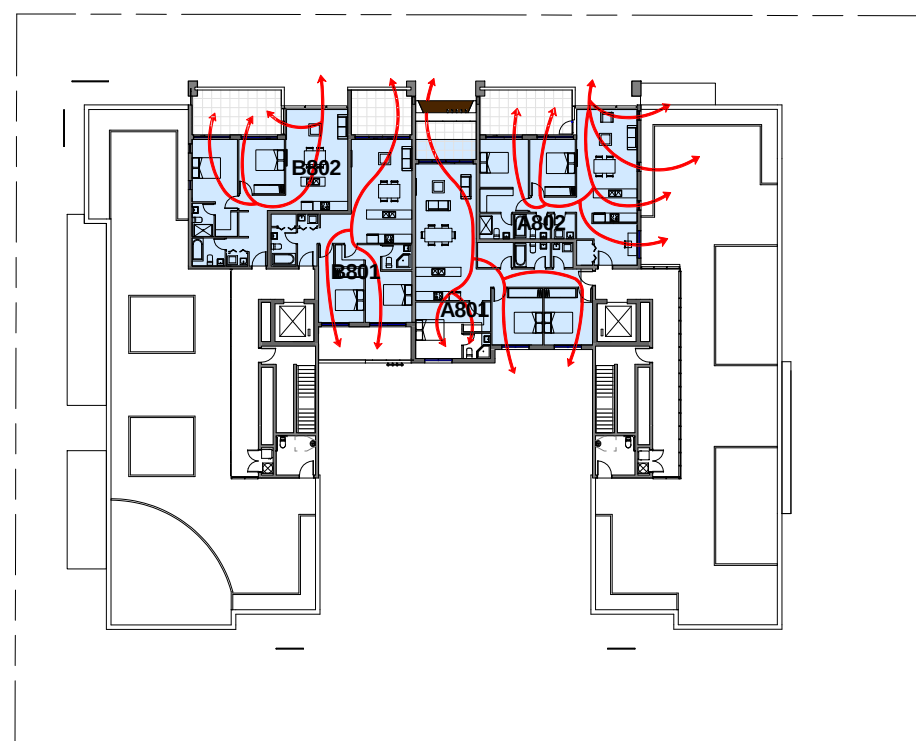
8 Natural Ventilation_Level 2 & 3
1 : 500



9 Natural Ventilation_Level 4-7
1 : 500



5 Solar Access_Level 8
1 : 500



10 Natural Ventilation_Level 8
1 : 500

Solar Access & Natural Ventilation Table		
Number	Natural Ventilation	Solar Access
A001	No	Yes
A002	No	Yes
A003	Yes	Yes
A004	No	No
A005	Yes	Yes
A006	Yes	Yes
B001	No	Yes
B002	No	Yes
B003	Yes	Yes
B004	No	Yes
B005	Yes	Yes
B006	Yes	Yes
A101	Yes	Yes
A102	No	Yes
A103	Yes	No
A104	No	No
A105	Yes	Yes
A106	Yes	Yes
B101	Yes	No
B102	No	Yes
B103	Yes	Yes
B104	No	Yes
B105	Yes	Yes
B106	Yes	Yes
A201	Yes	No
A202	No	Yes
A203	No	Yes
A204	Yes	No

Solar Access & Natural Ventilation Table		
Number	Natural Ventilation	Solar Access
A205	No	No
A206	Yes	Yes
A207	Yes	Yes
B201	Yes	No
B202	No	Yes
B203	Yes	Yes
B204	No	Yes
B205	Yes	Yes
B206	Yes	Yes
A301	Yes	No
A302	No	Yes
A303	No	Yes
A304	Yes	Yes
A305	No	No
A306	Yes	Yes
A307	Yes	Yes
B301	Yes	No
B302	No	Yes
B303	Yes	Yes
B304	No	Yes
B305	Yes	Yes
B306	Yes	Yes
A401	Yes	No
A402	No	Yes
A403	Yes	Yes
A404	No	No
A405	Yes	No
A406	Yes	Yes

Solar Access & Natural Ventilation Table		
Number	Natural Ventilation	Solar Access
B401	Yes	No
B402	No	Yes
B403	Yes	Yes
B404	No	Yes
B405	Yes	Yes
B406	Yes	Yes
A501	Yes	No
A502	No	Yes
A503	Yes	Yes
A504	No	No
A505	Yes	No
A506	Yes	Yes
B501	Yes	No
B502	No	Yes
B503	Yes	Yes
B504	No	Yes
B505	Yes	Yes
B506	Yes	Yes
A601	Yes	No
A602	No	Yes
A603	Yes	Yes
A604	No	No
A605	Yes	No
A606	Yes	Yes
B601	Yes	No
B602	No	Yes
B603	Yes	Yes
B604	No	Yes

Solar Access & Natural Ventilation Table		
Number	Natural Ventilation	Solar Access
B605	Yes	Yes
B606	Yes	Yes
A701	Yes	No
A702	No	Yes
A703	Yes	Yes
A704	No	No
A705	Yes	No
A706	Yes	Yes
B701	Yes	No
B702	No	Yes
B703	Yes	Yes
B704	No	Yes
B705	Yes	Yes
B706	Yes	Yes
A801	Yes	No
A802	Yes	Yes
B801	Yes	No
B802	Yes	Yes
65%		72%
Communal Open Space: 1081m ² Area receiving sufficient sunlight: 568.5m ² Percentage: 53%		

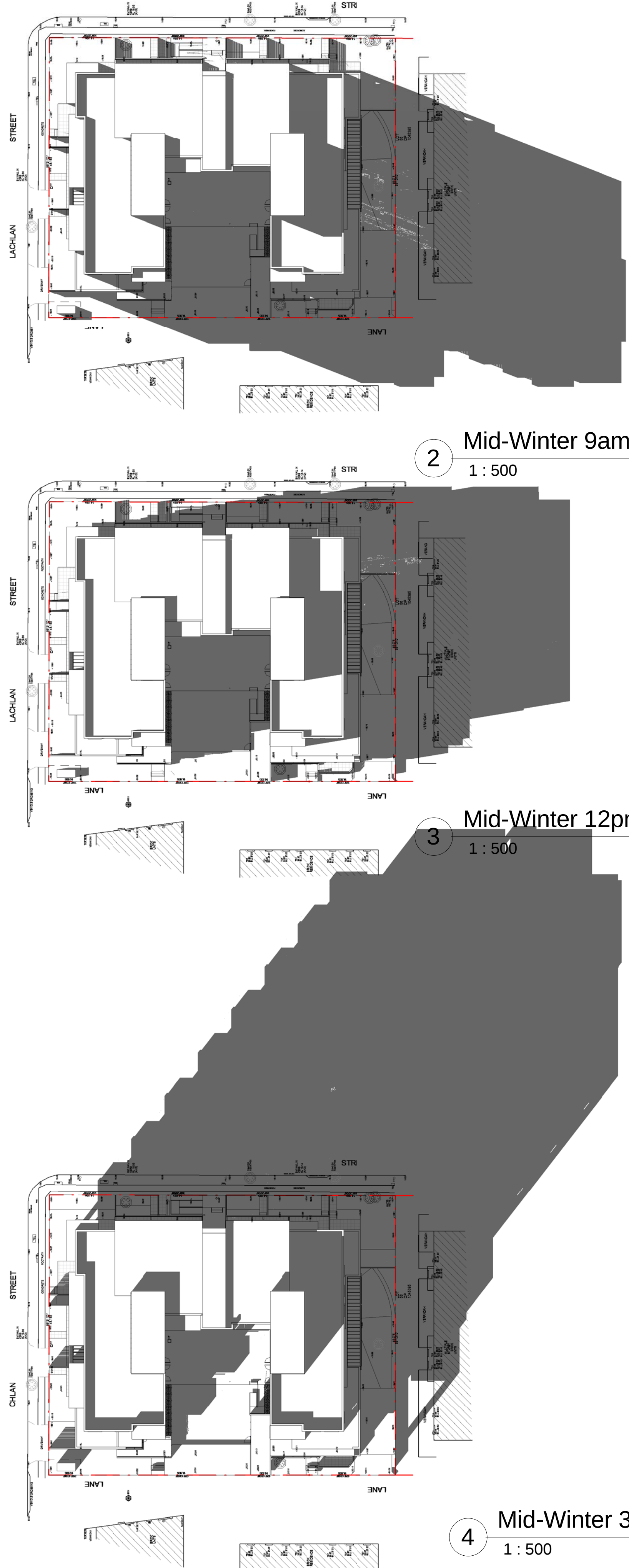


1 Level 0
1 : 200

5 Street View (Corner of Goulburn & Lachlan)



Shadow Diagrams



2 Mid-Winter 9am
1 : 500

3 Mid-Winter 12pm
1 : 500

4 Mid-Winter 3pm
1 : 500

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ABBREVIATIONS:

- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED OR RELOCATED
- RL 154.45 DENOTES REDUCED LEVEL
- EXISTING CONTOUR LINE
- MECHANICAL VENTILATION TO MECHANICAL ENGINEER'S
- SMOKE DETECTION ALARM TO AUSTRALIAN STANDARDS
- WINDOW NUMBER (REFER TO SCHEDULE)
- EXTERNAL/INTERNAL DOOR NUMBER (REFER TO SCHEDULE)
- HOT WATER TANK
- RAINWATER TANK
- EXIT SIGN WITH BACKUP BATTERY
- STORMWATER PIT SEE ENG'S PLANS
- AIR COMPRESSOR

Issue	Description	Date
A	DA Lodgement	Dec 2015
B	Building Footprint Changed	Mar 2016
C	Setbacks Revised	
	Temp Bin Area Relocated	
	A003, 004, 005 Revised	
	Main Entrance Revised	Sep 2016

Client Goulburn Liverpool (NSW) P/L		
Project Address 17-23 Goulburn Street Liverpool		
Level 0 Plan/Shadow Diagrams		
NOT FOR CONSTRUCTION		
Project number		2015-24
Date		SEP 2016
Drawn by	AH	Printed 16/09/2016 2:48:23 PM
Checked by		GF
A102		
Scale	Drawing :	Issue
As indicated	DA	C