NatHERS Thermal Performance Specifications (BASIX Thermal Comfort) Site 1, 59 Cudgegong Road, Rouse Hill

These are the Specifications upon which the NatHERS Assessment is based. If details included in these Specifications vary from other drawings or written specifications, these Specifications shall take precedence. If only one specification option is detailed for a building element, that specification must apply to all instances of that element for the project.

Windows	Glass	Frame	U value	SHGC	Detail
Default	Single glazed, clear	Aluminium	6.70	0.57	Generally for window types: Awning, bi-fold, casement, tilt 'n' turn
Default	Single glazed, clear	Aluminium	6.70	0.70	Generally for window types: Sliding window/ door, double hung, fixed, louvre
Default	Single glazed, low E High solar gain	Aluminium	5.40	0.58	See NatHERS glazing schedule for application
Default	Single glazed, low E Low solar gain	Aluminium	5.60	0.41	See NatHERS glazing schedule for application
Default	Double glazed, clear	Aluminium	4.80	0.59	See NatHERS glazing schedule for application
Default	Double glazed, low E High solar gain	Aluminium	4.30	0.53	See NatHERS glazing schedule for application

Skylights	Giass	Frame	U value	SHGC	Detail
External walls	Construction	Added Insula	tion	Detail	
Brick Veneer		R2.0		To floor levels: G, 1 and 6, 7	
Concrete (AFS)		R1.5		To floor levels: 2, 3, 4, 5	
Concrete (AFS)		B2.5		To unit: B02	

Internal walls Construction	Added Insulation	Detail
Plasterboard on studs	None	Within units
Concrete (AFS)	None	Party/ common walls
Concrete (AFS)	R1.0	To units: A59, A90 – internal walls adjoining stairwell

Floors	Construction	Added Insulation	Covering	Detail
Concrete		None	Carpet generally; tiles wet areas	Generally
Concrete		R1.5	Carpet generally; tiles wet areas	To units: A01, A02, A16, A59, A60, A61, A65, A90, A91, A92, B01, B02, B03, B32, B33, B34

Ceilings	Construction	Added Insulation	Detail
Plasterboard		None	Generally
Plasterboard		R1.5	To ceilings below roof to units: A01, A02, A03, A60, A61, A92, B02, B03
Plasterboard		R2.5	To all level 7 units

Roof	Construction	Added Insulation	Detail	
Concrete		(refer to ceiling detail above)		
Metal deck		(refer to ceiling detail above)		

Other Requirements

All exhaust fans and downlights (if installed) to be **sealed** to prevent air infiltration





PERSPECTIVE

DRAWING NUMBER

DA-A210

DA-A300

DA-A301

DA-A302

DA-A303

DA-A304

DA-A305

DA-A400

ARCHITECTURAL DRAWINGS

ROOF PLAN

ELEVATIONS

ELEVATIONS

SECTIONS

SECTIONS

SECTIONAL ELEVATIONS

TYPICAL FLOOR PLANS

26.0M BUILDING HEIGHT PLANE

DESCRIPTION

DA-A000	COVER PAGE		DA-A500	PERSPECTIVES	
DA-A001	SITE SUMMARY	E	DA-A600	FSR CALCULATION DIAGRAMS	D
DA-A100	SITE ANALYSIS		DA-A601	SITE COVERAGE, LANDSCAPE DIAGRAMS	D
DA-A101	SITE PLAN/NOTIFICATION		DA-A602	COS Solar Access Diagrams	
DA-A200	BASEMENT PLAN LVL-1	E	DA-A603	SHADOW DIAGRAMS	С
DA-A201	BASEMENT PLAN LVL-2	С	DA-A604	SHADOW DIAGRAMS	С
DA-A202	GROUND FLOOR PLAN	E	DA-A605	SOLAR & CROSS VENTILATION DIAGRAMS	D
DA-A203	LEVEL 1	E	DA-A605.1	SOLAR & CROSS VENTILATION DIAGRAMS	D
DA-A204	LEVEL 2	E	DA-A605.2	3D VIEW TO SUN	
DA-A205	LEVEL 3	E	DA-A605.3	3D VIEW TO SUN	
DA-A206	LEVEL 4	E	DA-A605.4	3D VIEW TO SUN	
DA-A207	LEVEL 5	E	DA-A605.5	SOLAR STUDY	
DA-A208	LEVEL 6	E	DA-A605.6	SOLAR STUDY	
DA-A209	LEVEL 7	E	DA-A605.7	SOLAR STUDY	

DA-A605.8

DA-A605.9

DA-A605.10

DA-A605.11

DA-A700

DA-A800

DA-A900

PROPOSED RESIDENTIAL DEVELOPMENT

ARCHITECTURAL DRAWINGS

SOLAR STUDY

SOLAR STUDY

SOLAR STUDY

SOLAR STUDY

FACADE DETAILS

UNIT SCHEDULES

STAGING PLANS

DESCRIPTION

DRAWING NUMBER

59 CUDGEGONG ROAD ROUSE HILL, NSW 2155







EXECUTIVE SUMMARY

	REQUIRED	PROPOSED
01. SITE AREA	-	DEVELOPABLE SITE AREA 8490.00m²
02. ZONE	R3	MEDIUM DENSITY
03. BUILDING HEIGHT	MAX. 26m	26m
04. FSR	1.75:1	1.65:1
FSA	14,857.50m ²	14,013.00
05. SITE COVERAGE	MAX. 4245.00m² (50% OF SITE)	4241.00m ² 49.95% OF SITE
06. LANDSCAPE AREA MAXIMUM	2547.00m² 30% OF SITE	3039.90m ² 35.81% OF SITE
07. DEEP SOIL ZONE	1273.50m² 15% OF SITE	1854.52m² 21.84% OF SITE
08.COMMUNAL OPEN SPACE	2122.50m ² 25% OF SITE	2595.70m ² 30.57% OF SITE
09. NUMBER OF UNITS		170 UNITS
		35 1B 111 2B 24 3B
10. ADAPTABLE UNIT	10% 17.00	10% 17
VISITABLE-(Universal Housing Guidelines Silver Level) 20% 34 Units including Adaptable Units	10% 17.00	20% 34
11. CAR PARKING SPACES Car Parking Rates based on Council's DC	CP .	
1 BEDROOM 1 / UNIT	35	35 SPACES
2 BEDROOM 1 / UNIT	111	111 SPACES
3 BEDROOM 1.5 / UNIT	36	36 SPACES
VISITOR 1 / 5 UNIT	34	34 SPACES
TOTAL	216	235 SPACES
ADAPTABLE	170(10%)	18 SPACES
BICYCLE 1 /3 UNIT	56.66	57 SPACES
12. SOLAR ACCESS	70% 2 HRS	72.35% 123/170 UNITS
13. CROSS VENTILATION	60%	70.60% 120/170 UNITS

Pesign StudioABN 47 514 246 580 noy santiago architect: 5968

			$C\Delta D$	Plans
F	12-10-18	Refer to notes as requested by council	$O \cap D$	i ians
E	05-03-18	Refer to notes as requested by council	DESIGN	Solutions
D	15-12-17	Refer to notes as requested by council	39 Cumberland Rd Auburn NSW	V 2144
С	06-10-17	DRAFT ISSUE- for consultants review	P: (02) 8068 2177	ABN 88 606 740 381
Α	20-01-17	DRAFT ISSUE- for consultants review	M: 0416009172 E: info@cadplans.net.a	211
ISSUE	DATE	AMENDMENT	L. IIIIO@caupiaris.fiet.a	au

NOTES:

1. ALL DIRECTIONS ARE INSULINETTES AND SHOULD BE VERHIED ON SITE BY BULDER PROP.

2. ALL DOSTRUCTION TO COME YWITH THE BUILDING DOES OF AUSTRIAN, RESENVE AUSTRIALISMS
STRANGISCO, BASE AMPRINGED DIRECTIONS OF COMET OCCURING TO.

3. ALL DIRECTIONS TO THE PROPRIED CONTROL OF STRANGISCO, BASE OF STRAN





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SITE AREA				8,4	190.00m²
BUILDING	Α				
LEVELS	1 BED	2 BEDS	3 BEDS	Units/FLF	R Area/FLR
7TH	4	8	2	14	1,122.26m ²
6TH	4	8	2	14	1,122.26m ²
5TH	4	8	2	14	1,122.26m ²
4TH	4	8	2	14	1,122.26m ²
3RD	4	8	2	14	1,122.26m ²
2ND	4	8	2	14	1,122.26m ²
1ST	3	8	2	13	1,054.00m ²
GROUND	1	4	6	11	1,150.64m ²
BASEMENT 1					
BASEMENT 2					
TOTAL	28	60	20	108	8,938.20m ²
BUILDING	В				
LEVELS	1 BED	2 BEDS	3 BEDS	Units/FLF	R Area/FLR
7TH	1	7	0	8	630.24m ²
6TH	1	7	0	8	630.24m ²
5TH	1	7	0	8	630.24m ²
4TH	1	7	0	8	630.24m ²
3RD	1	7	0	8	630.24m ²
2ND	1	7	0	8	630.24m ²
1ST	1	7	0	8	630.24m ²
GROUND	0	2	4	6	663.10m ²
BASEMENT 1					
BASEMENT 2					
TOTAL	7	51	4	62	5,074.80m ²
TOTAL	35	111	24	170	
	20.59%				
	20.59%	ხ ე.კს%	14.11%	100%	

20.59% 65.30% 14.11%

TOTAL GROSS FLOOR AREA

DEVELOPMENT YIELD

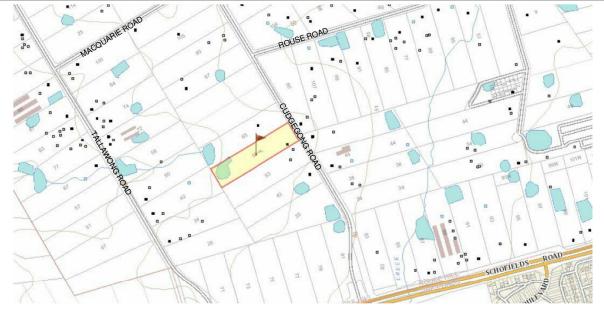
14,013.00m²

PROJECT:
RESIDENTIAL DEVELOPMENT
SITE ADDRESS:

59 CUDGEGONG ROAD, ROUSE HILL,NSW
2155
CLIENT:
The Wickwood Property Group Pty Ltd

SHEET TITLE:
SITE SUMMARY

DESIGN:
Designer | DRAWN:
Designer | DRAWN:
JUNE 2016



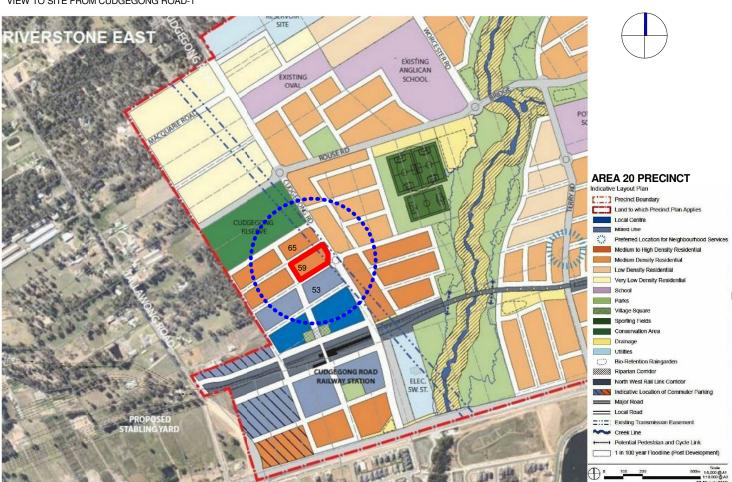
LOCATION MAP

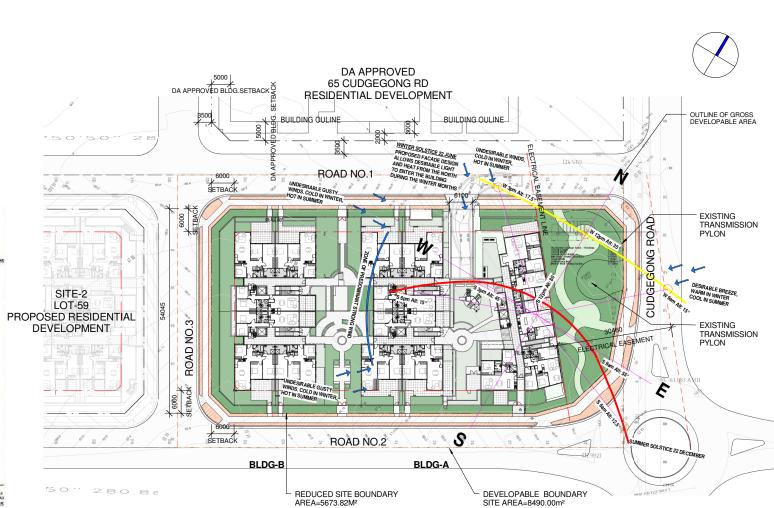




VIEW TO SITE FROM CUDGEGONG ROAD-1

VIEW TO SITE FROM CUDGEGONG ROAD-2





BLDG-B 62 UNITS

AREA 20 PRECINCT PLAN



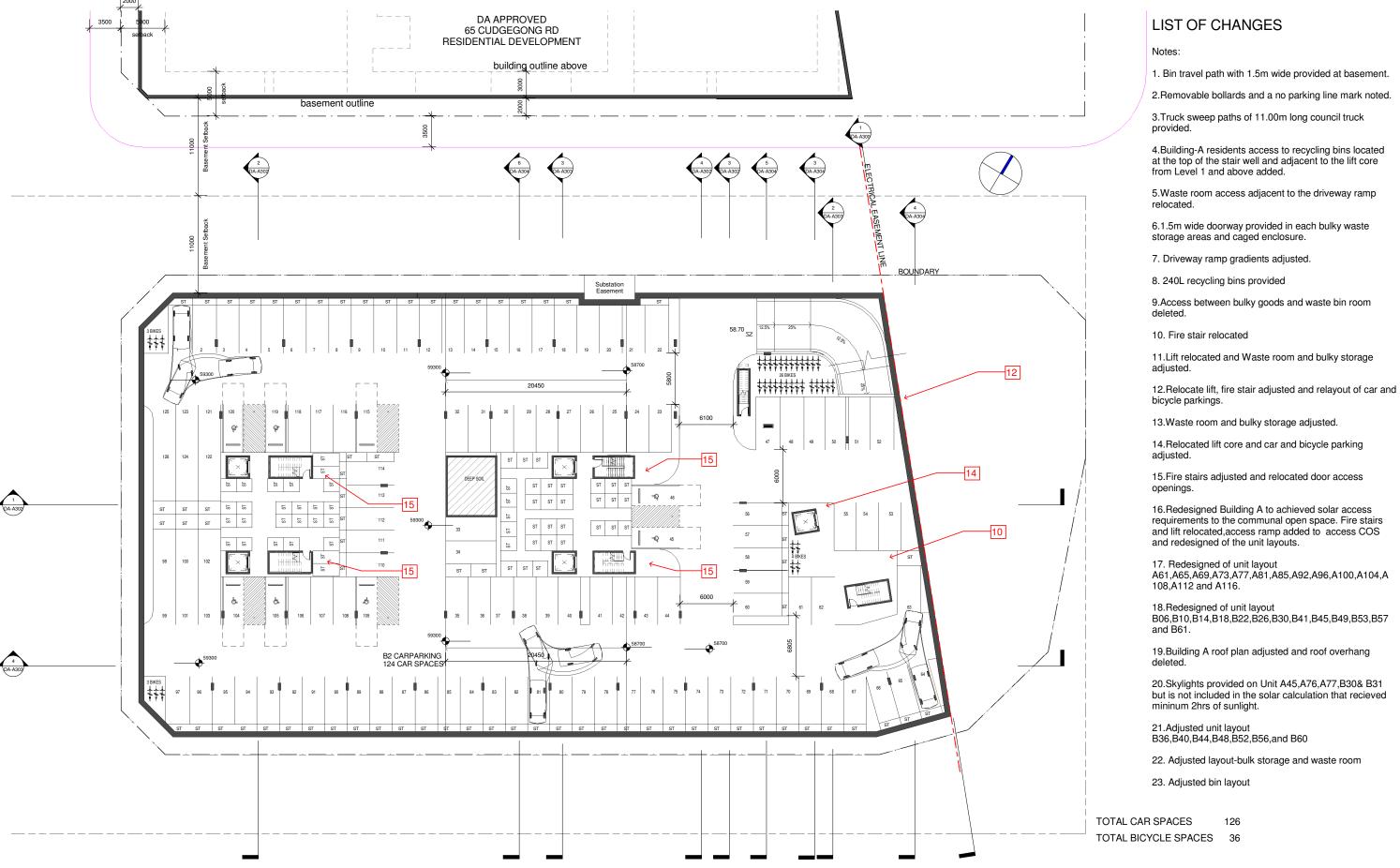
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ISSUE	DATE	AMENDMENT	L. IIIIo@caupiaris.riet.a	au



DEVELOPMENT APPLICATION

SITE ANALYSIS 1:500 @A1 1:1000@A3

ROJECT: RESIDENTIAL DEVELOPMENT HTE ADDRESS:	SHEET TITLE:	ALYSIS	
59 CUDGEGONG ROAD, ROUSE HILL,NSW			
2155 LIENT: The Wickwood Property Group Pty Ltd	DESIGN: NS	DRAWN: AJRSA	DATE: JUNE



BASEMENT PLAN LVL-2

- 1:200 @ A1 sheet
- 1:400 @ A3 sheet



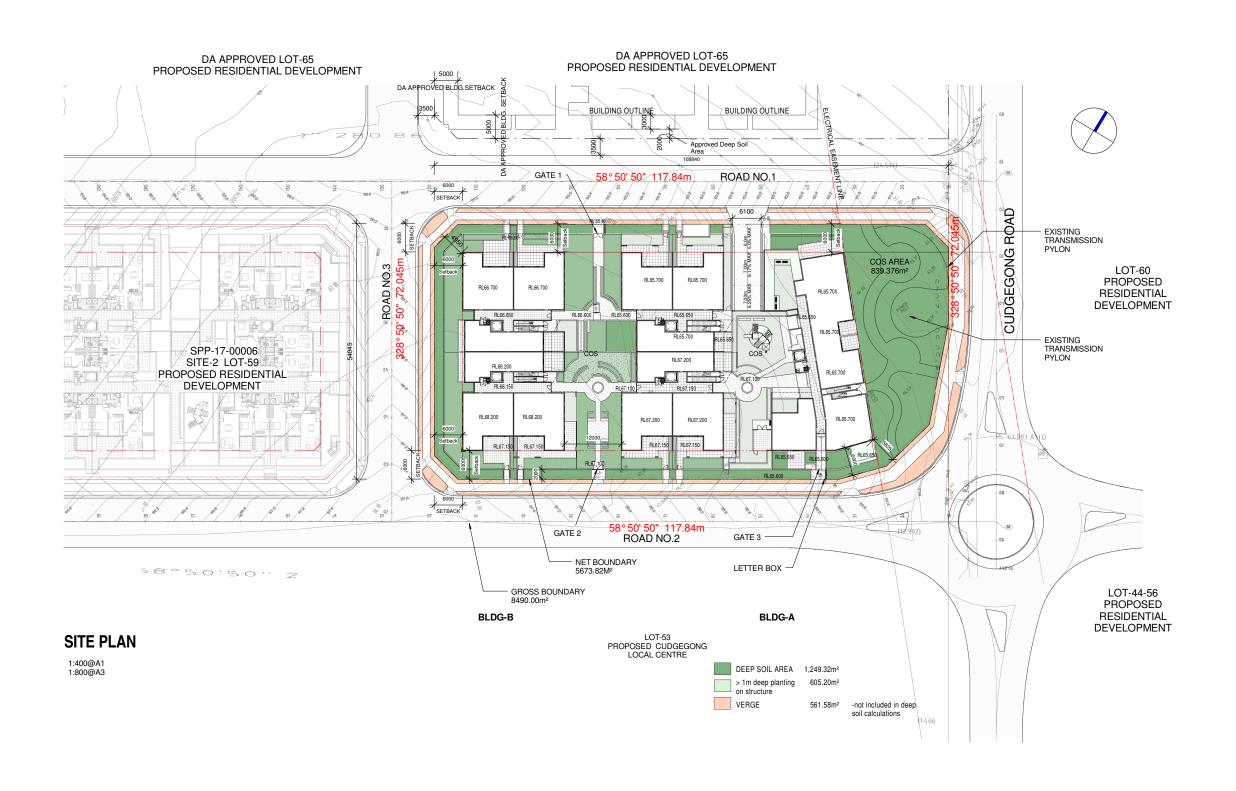






RESIDENTIAL DEVELOPMENT 59 CUDGEGONG ROAD, ROUSE HILL, NSW 2155 The Wickwood Property Group Pty Ltd







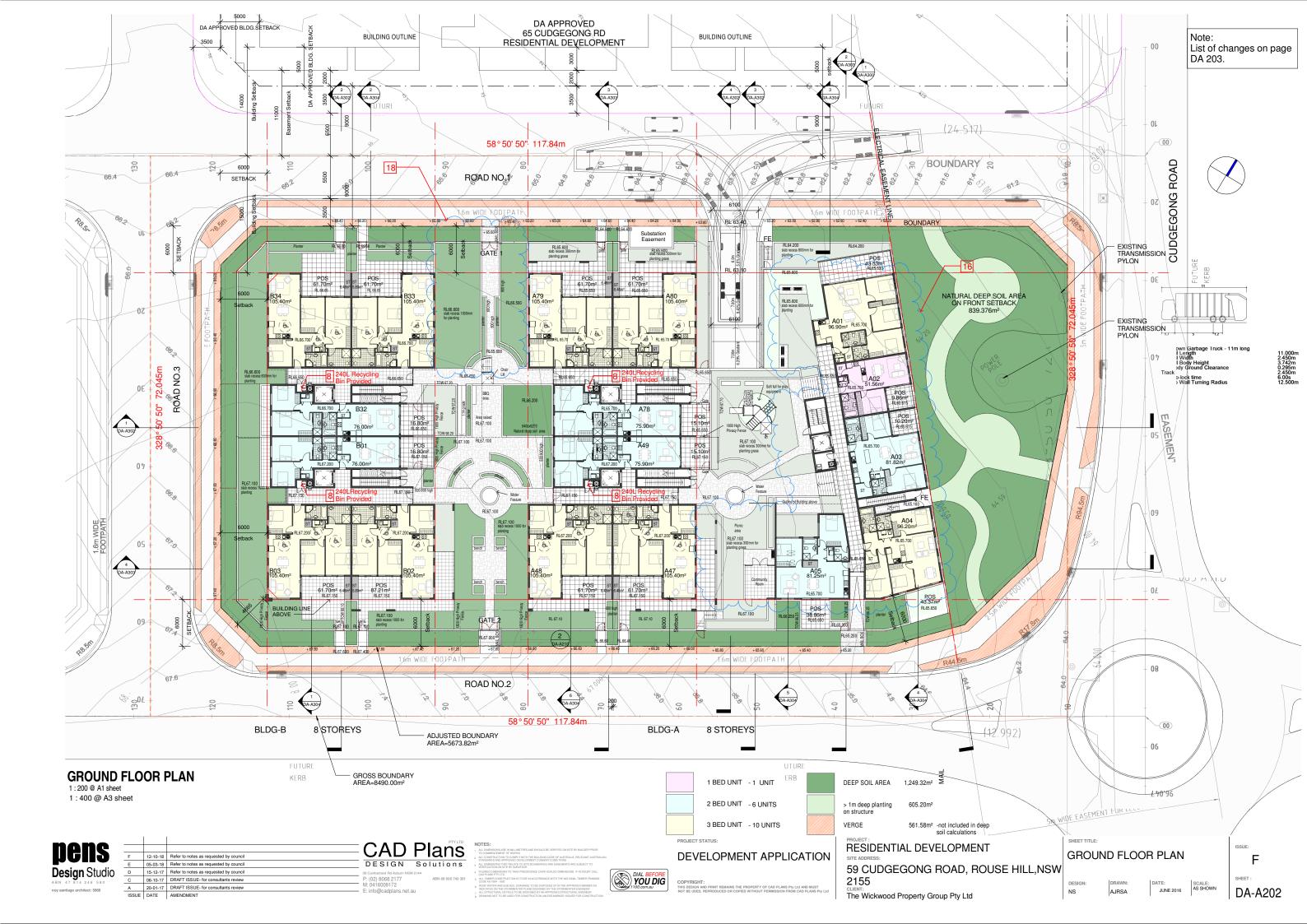
CAD Plans
DESIGN Solutions E 05-03-18 Refer to notes as requested by council
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A 20-01-17 DRAFT ISSUE- for consultants review
ISSUE DATE AMENDMENT E: info@cadplans.net.au





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SITE ADDRESS:	٥
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2155	DE
CLIENT:	N:
The Wickwood Property Group Pty Ltd	144

SITE PLAN/NOTIFICATION



LIST OF CHANGES

Notes:

1. Bin travel path with 1.5m wide provided at basement.

2. Removable bollards and a no parking line mark noted.

3.Truck sweep paths of 11.00m long council truck provided.

4.Building-A residents access to recycling bins located at the top of the stair well and adjacent to the lift core from Level 1 and above added.

5. Waste room access adjacent to the driveway ramp relocated.

6.1.5m wide doorway provided in each bulky waste storage areas and caged enclosure.

7. Driveway ramp gradients adjusted.

8. 240L recycling bins provided

9.Access between bulky goods and waste bin room deleted

10. Fire stair relocated

11.Lift relocated and Waste room and bulky storage adjusted.

12. Relocate lift, fire stair adjusted and relayout of car and bicycle parkings.

13. Waste room and bulky storage adjusted.

14.Relocated lift core and car and bicycle parking adjusted.

15. Fire stairs adjusted and relocated door access openings.

16.Redesigned Building A to achieved solar access requirements to the communal open space. Fire stairs and lift relocated, access ramp added to access COS and redesigned of the unit layouts.

17. Redesigned of unit layout A61,A65,A69,A73,A77,A81,A85,A92,A96,A100,A104,A 108,A112 and A116.

18.Redesigned of unit layout B06,B10,B14,B18,B22,B26,B30,B41,B45,B49,B53,B57 and B61.

19.Building A roof plan adjusted and roof overhang deleted.

20.Skylights provided on Unit A45,A76,A77,B30& B31 but is not included in the solar calculation that recieved mininum 2hrs of sunlight.

21.Adjusted unit layout B36,B40,B44,B48,B52,B56,and B60

22. Adjusted layout-bulk storage and waste room

23. Adjusted bin layout











PROJECT:	SHEET TITLE:	
RESIDENTIAL DEVELOPMENT SITE ADDRESS:	LEVEL ⁻	1
59 CUDGEGONG ROAD, ROUSE HILL,NSW		
2155	DESIGN:	DRAWN:
The Wickwood Property Group Pty Ltd	NS	AJRSA

LIST OF CHANGES Notes: 1. Bin travel path with 1.5m wide provided at basement. 2. Removable bollards and a no parking line mark noted. 58° 50' 50". 117.84m 3. Truck sweep paths of 11.00m long council truck provided. 4. Building-A residents access to recycling bins located at the top of the stair well and adjacent to the lift core from Level 1 and above added. 5. Waste room access adjacent to the driveway ramp relocated. 6.1.5m wide doorway provided in each bulky waste storage areas and caged enclosure. 7. Driveway ramp gradients adjusted. 8. 240L recycling bins provided 9. Access between bulky goods and waste bin room deleted. 10. Fire stair relocated 11.Lift relocated and Waste room and bulky storage adjusted. 240L Recycling Bin Provided 8 12. Relocate lift, fire stair adjusted and relayout of car and bicycle parkings. 13. Waste room and bulky storage adjusted. 1 DA-A30 14.Relocated lift core and car and bicycle parking SETBACK adjusted. 15. Fire stairs adjusted and relocated door access 240L Recycling Bin Provided 8 16.Redesigned Building A to achieved solar access requirements to the communal open space. Fire stairs BALC 12.00m² RL73.115 and lift relocated, access ramp added to access COS and redesigned of the unit layouts. 6000 17. Redesigned of unit layout A61,A65,A69,A73,A77,A81,A85,A92,A96,A100,A104,A A15 108,A112 and A116. 18.Redesigned of unit layout B06,B10,B14,B18,B22,B26,B30,B41,B45,B49,B53,B57 19. Building A roof plan adjusted and roof overhang deleted. but is not included in the solar calculation that recieved BLDG-B 8 STOREYS 8 STOREYS BLDG-A

58° 50' 50" 117.84m

20. Skylights provided on Unit A45, A76, A77, B30& B31 mininum 2hrs of sunlight.

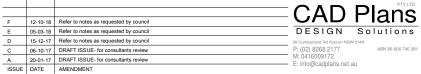
21.Adjusted unit layout B36,B40,B44,B48,B52,B56,and B60

22. Adjusted layout-bulk storage and waste room

23. Adjusted bin layout

LEVEL-2 1:200 @ A1 sheet 1:400 @ A3 sheet

pens
Design Studio
ABN 47 814 246 580
noy santiago architect: 5968







PROJECT:	SHEET TITLE:		
RESIDENTIAL DEVELOPMENT SITE ADDRESS:	LEVEL	2	
59 CUDGEGONG ROAD, ROUSE HILL, NSW			
2155	DESIGN:	DRAWN:	DATE: JUNE 20
The Wickwood Property Group Pty Ltd	NS	AJRSA	30NE 20

DA-A204

1 BED UNIT - 5 UNITS

3 BED UNIT - 2 UNITS

- 15 UNITS

2 BED UNIT

LIST OF CHANGES Notes: 1. Bin travel path with 1.5m wide provided at basement. 2 DA-A303 2. Removable bollards and a no parking line mark noted. 58°50'50" 117.84m 3. Truck sweep paths of 11.00m long council truck provided. 15000 21600 12000 25560 22150 4. Building-A residents access to recycling bins located at the top of the stair well and adjacent to the lift core from Level 1 and above added. 5. Waste room access adjacent to the driveway ramp relocated. 6.1.5m wide doorway provided in each bulky waste storage areas and caged enclosure. 7. Driveway ramp gradients adjusted. BALC 11.50m RL75.615 BALC 11.50m² RL74.615 8. 240L recycling bins provided 14785 9. Access between bulky goods and waste bin room deleted. RL74.700 10. Fire stair relocated 11.Lift relocated and Waste room and bulky storage 240L Recycling Bin Provided 8 12. Relocate lift, fire stair adjusted and relayout of car and bicycle parkings. 13. Waste room and bulky storage adjusted. 14.Relocated lift core and car and bicycle parking adjusted. 15. Fire stairs adjusted and relocated door access 16.Redesigned Building A to achieved solar access requirements to the communal open space. Fire stairs BALC 10.20m² RL76.115 and lift relocated, access ramp added to access COS and redesigned of the unit layouts. 9500 17. Redesigned of unit layout A61,A65,A69,A73,A77,A81,A85,A92,A96,A100,A104,A A21 RL74.700 108,A112 and A116. 6000 18.Redesigned of unit layout B06,B10,B14,B18,B22,B26,B30,B41,B45,B49,B53,B57 19. Building A roof plan adjusted and roof overhang 20. Skylights provided on Unit A45, A76, A77, B30& B31 18 but is not included in the solar calculation that recieved BLDG-B 8 STOREYS STOREYS BLDG-A

58° 50' 50" 117.84m

deleted.

mininum 2hrs of sunlight.

21.Adjusted unit layout B36,B40,B44,B48,B52,B56,and B60

22. Adjusted layout-bulk storage and waste room

23. Adjusted bin layout



1:400 @ A3 sheet

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Α	20-01-17	DRAFT ISSUE- for consultants review	M: 0416009172 E: info@cadplans.net.:	211
100115	0.475	AMENDA ISAN	L. IIIIO@cdupidii5.IIet.i	au





PROJECT : RESIDENTIAL DEVELOPMENT	SHEET TITLE:			
SITE ADDRESS:	LEVEL 3	3		
59 CUDGEGONG ROAD, ROUSE HILL,NSW				
2155 CLIENT:	DESIGN: NS	DRAWN: AJRSA	DATE: JUNE 2016	SCAL AS SH
The Wickwood Property Group Pty Ltd	N3	AUTOA		1

DA-A205

1 BED UNIT - 5 UNITS

3 BED UNIT - 2 UNITS

- 15 UNITS

2 BED UNIT





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E	05-03-18	Refer to notes as requested by council	DESIGN	Solutions
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ISSUE	DATE	AMENDMENT	L. IIIIO@caupiaris.riet.i	au





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RESIDENTIAL DEVELOPMENT	
SITE ADDRESS:	
59 CUDGEGONG ROAD, ROUSE HILL,NSW	
2155	DES
CLIENT:	NS
The Wickwood Property Group Pty Ltd	

SHEET TITLE:

LEVEL 4

DESIGN: DRAWN: DATE: SCALE: AS SHOWN

NS AJRSA JUNE 2016 AS SHOWN

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