DEVELOPMENT APPLICATION Proposed residential building to Lot 4122 and Part Lot 49 DP 1239209

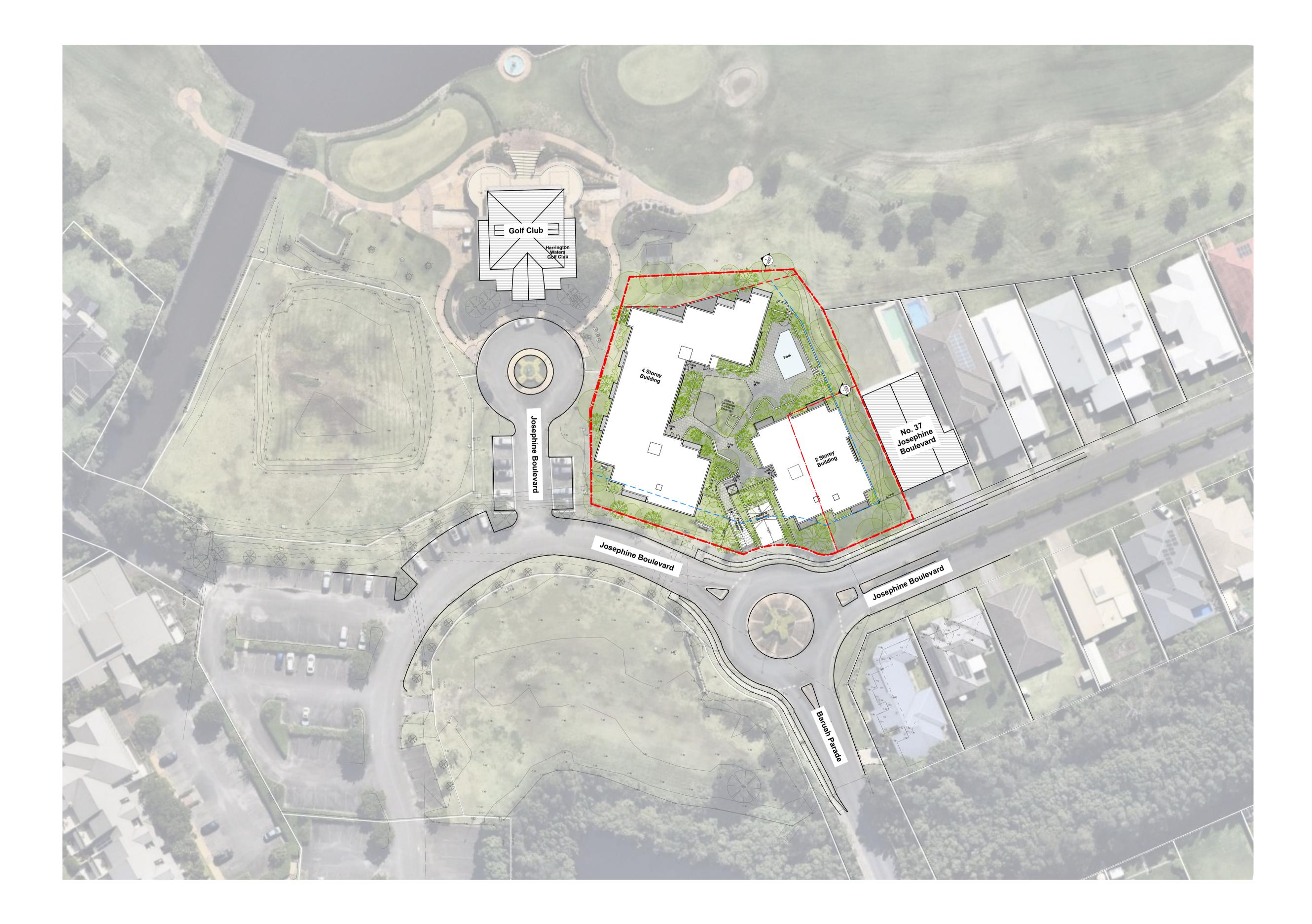
LIST OF DRAWINGS

Dwg. No	Dwg. Name	Scale
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A101	Ground Level Plan	1:200
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General Notes



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Rev A	Date 23/7/21
В	4/8/21
С	26/8/21

Issue Progress - Consultant Issue s34 Issue s34 Issue

Legend

Client Roche Group Pty Limited

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Status For DA

Date 26/8/21

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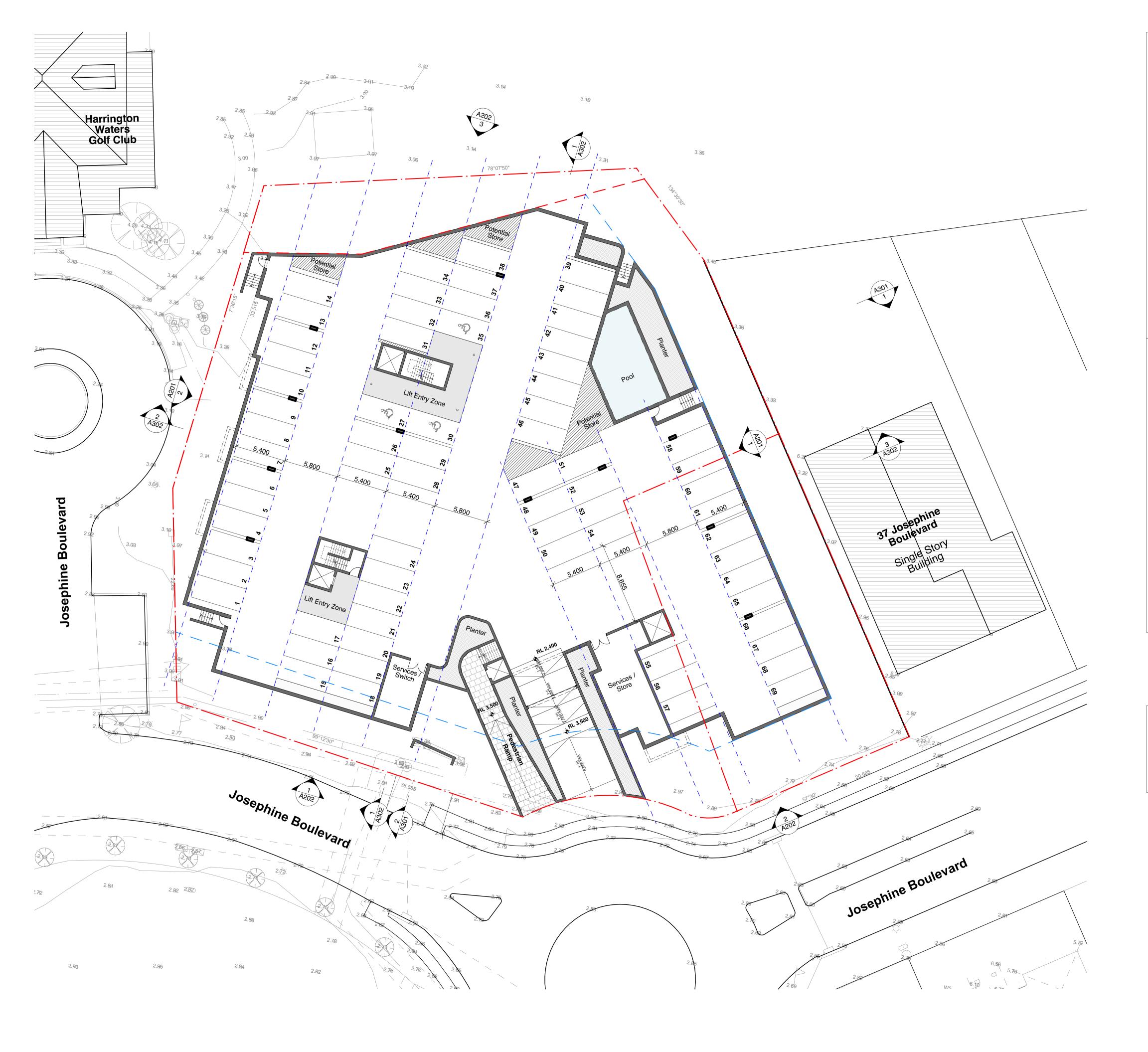
Project Harrington Waters Estate

С

Drawing Location Plan

Project No. 21030





PARKING Great Lak

1.2 Cars per 2 18 units @1.2

1.5 Cars per 3 22 units @ 1.5

0.2 Cars per 0.2 40 units @ 0.2

Accessible (3

TOTAL CAR \$ 55 + 8 Visitors

TRAILER SP/ 1 trailer per 840 units / 8 = 5

PARKING Greater Ta

1 Cars per 2 1 18 units @ 1

2 Cars per 3 | 22 units @ 2 =

1 Cars per 3 40 units / 3 =

Accessible (

TOTAL CAR \$ 62 + 14 Visitor

TRAILER SPA N/A

TOTAL CA Proposed

69 Cars

CALCULATION : (es DCP	CHECK ALL DIMENSION	ONS ON SITE BEFORE	URED DIMENSIONS ONLY. ANY MANUFACTURE OR
2 Bed Unit 2 = 21.6 = 22 cars	All architectural, drawi consultant documents. verified on site prior fabrication of any com determination. Drawing This drawing is copyrig the permission of BKA	All dimensions and le to the commencement ponents. Refer all discr gs are not to be scaled, ht and must not be reta Architecture. This docu	ornerwise. conjunction with the relevant evels are to be checked and of work, shop drawings or epancies to the Architect for use only figured dimensions. ined, copied or used without ment has been prepared for drawing, BKA Architecture's
3 Bed Unit 5 = 33 cars	responsibility is to the rely on these documen	se clients only and not ts.	to any third party who may 2, John Kavanagh 5999
unit for visitor 2 = 8 Cars	RevDateA4/8/21B26/8/21	Issue s34 Issue s34 Issue	
Car Spaces Required			
SPACES REQ. s + 3 Accessible = 66 car spaces	Legend		
ACES 3 units 5 trailer spaces			
CALCULATION : aree DCP			
Bed Unit = 18 cars			
Bed Unit = 44 cars			
units for visitor 13.33 = 14 Cars			
Car Spaces Required			
SPACES REQ. rs + 4 Accessible = 80 car spaces			
ACES	Client		
	Roche Gro	up Pty Limit	ed
	Architect	Archite	ecture
AR PARKING I	SYDNEY Suite 1.04, 77 Dunning Ave, Rosebery, NSW 2018 T: +61 2 9318 9200 E: bka@bka.com.au W: www.bka.com.au	NEWCASTLE Suite 4 19 Bolton St, Newcastle NSW 2300 T: +61 2 4926 5563	NORTH COAST Unit 1 10 Station St, Bangalow NSW 2479 T: +61 2 6687 2712
	North		Scale at A1 1:200
	Status For DA		Drawn RY, AK
	Date 26/8/21		Checked JB
	Project Harrington	Waters Esta	ite
	Drawing Basement	Plan	
	Project No. 21030	Revision B	Drawing No. A100



CHEDULE OF UNITS		
nit	Туре	Internal Area
IIT 1	3 BED	108.87
IIT 2	2 BED	85.60
IIT 3	3 BED	109.17
IIT 4	2 BED	98.22
IIT 5	2 BED	94.75
IIT 6	2 BED	73.49
IIT 7	3 BED	97.92
IIT 8	3 BED	131.14
IIT 9	2 BED	85.98
IT 10	3 BED	105.55
IT 11	3 BED	114.61
IT 12	3 BED	104.93
		1,210.23 m ²
IT 13	3 BED	108.87
IT 14	2 BED	85.60
IT 15	3 BED	109.17
IT 16	2 BED	98.22
IT 17	2 BED	94.75
IT 18	2 BED	73.49
IT 19	3 BED	97.92
IT 20	3 BED	131.14
IT 21	2 BED	85.98
IT 22	3 BED	105.55
IT 23	3 BED	114.61
IT 24	3 BED	104.93
		1,210.23 m ²
		1
IT 25	3 BED	108.87
IT 26	2 BED	85.60
IT 27	3 BED	109.17
IT 28	2 BED	98.22
IT 29	2 BED	94.75
IT 30	2 BED	73.49
IT 31	3 BED	97.92
IT 32	3 BED	131.14
		799.16 m ²
IT 33	3 BED	108.87
IT 34	2 BED	85.60
IT 35	3 BED	109.17
IT 36	2 BED	98.22
IT 37	2 BED	94.75
IT 38	2 BED	73.49
IT 39	3 BED	97.92
IT 40	3 BED	131.14
		799.16 m ²
		4,018.78 m ²

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s34 Issue

Rev	Date
A	1/7/21
В	23/7/21
С	4/8/21
D	26/8/21

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Client Roche Group Pty Limited

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North \bigcirc

Status For DA

Date 26/8/21 Scale at A1 1:200

Drawn RY, AK

Checked JB

Project Harrington Waters Estate

Drawing

Ground Level Plan

Project N 21030

D



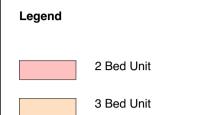
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В	4/8/21
С	26/8/21

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Scale at A1 1:200

Drawn RY, AK

Checked JB

Project Harrington Waters Estate

Drawing Level 01 Plan

Project No 21030

С



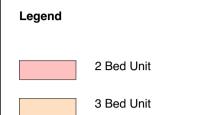
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Status

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Date 26/8/21 1:200

Scale at A1

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Checked JB

Project Harrington Waters Estate

С

Drawing Level 02 Plan

Project No. **21030**



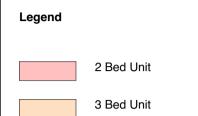
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North

status For DA

Date 26/8/21

 Rosebery,
 Newcastle
 Bangalow

 NSW 2018
 NSW 2300
 NSW 2479

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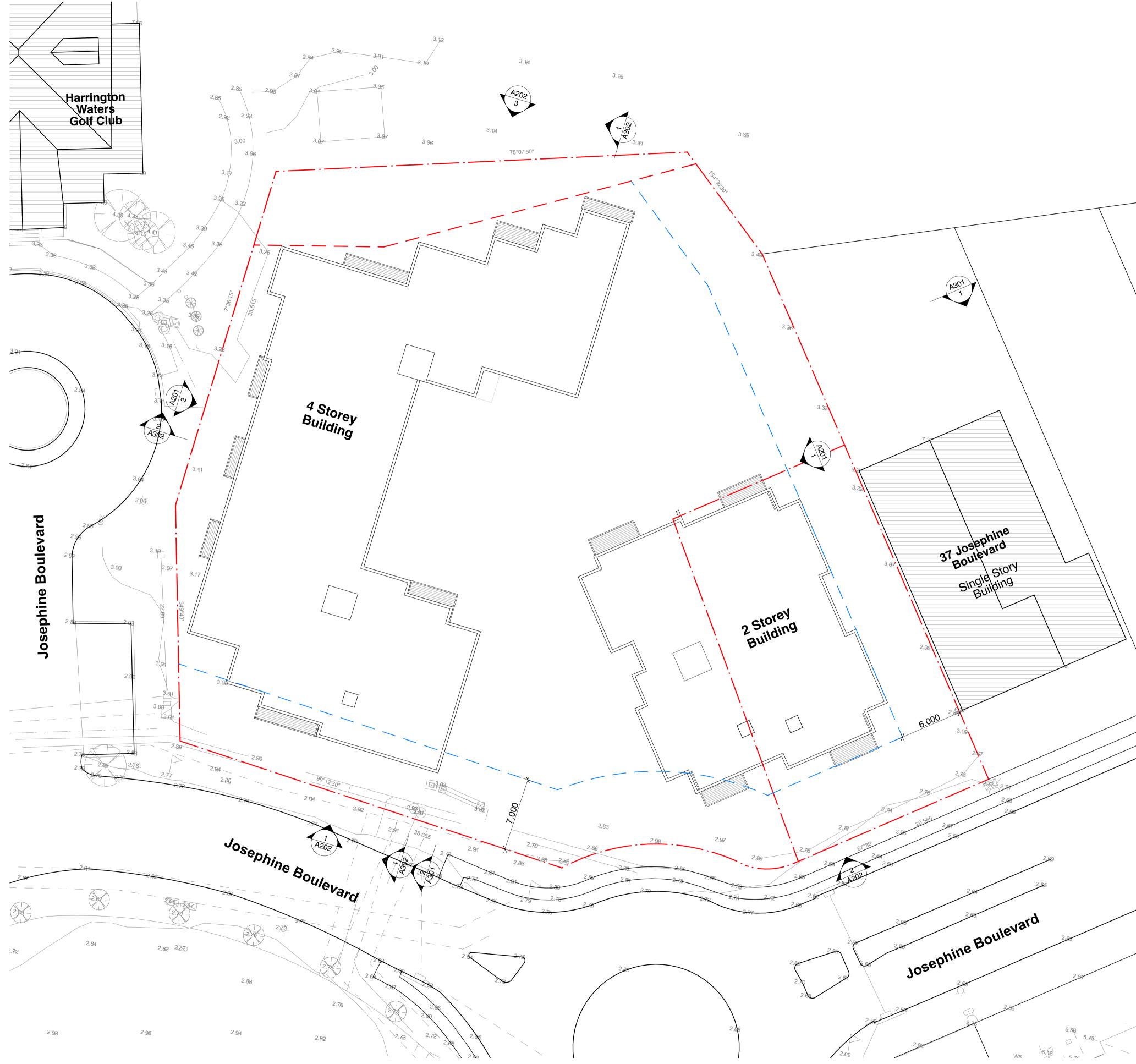
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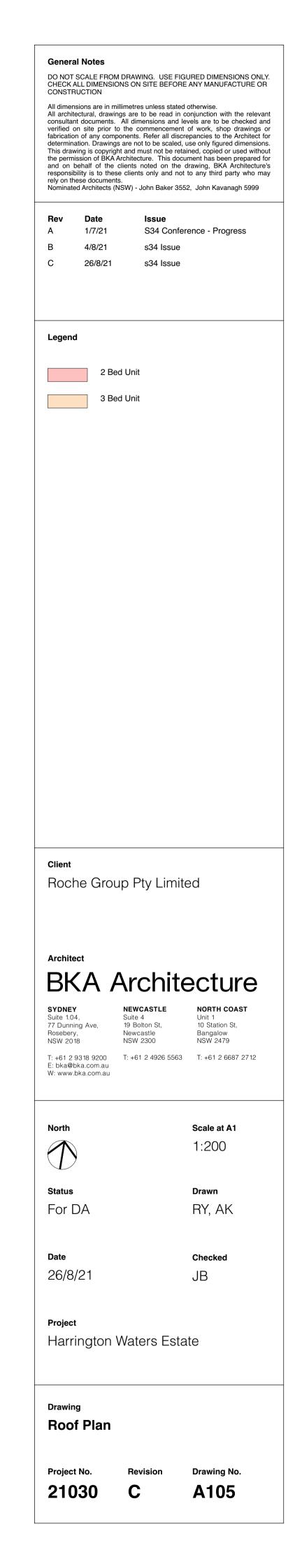
Project Harrington Waters Estate

Drawing Level 03 Plan

Project No. **21030**

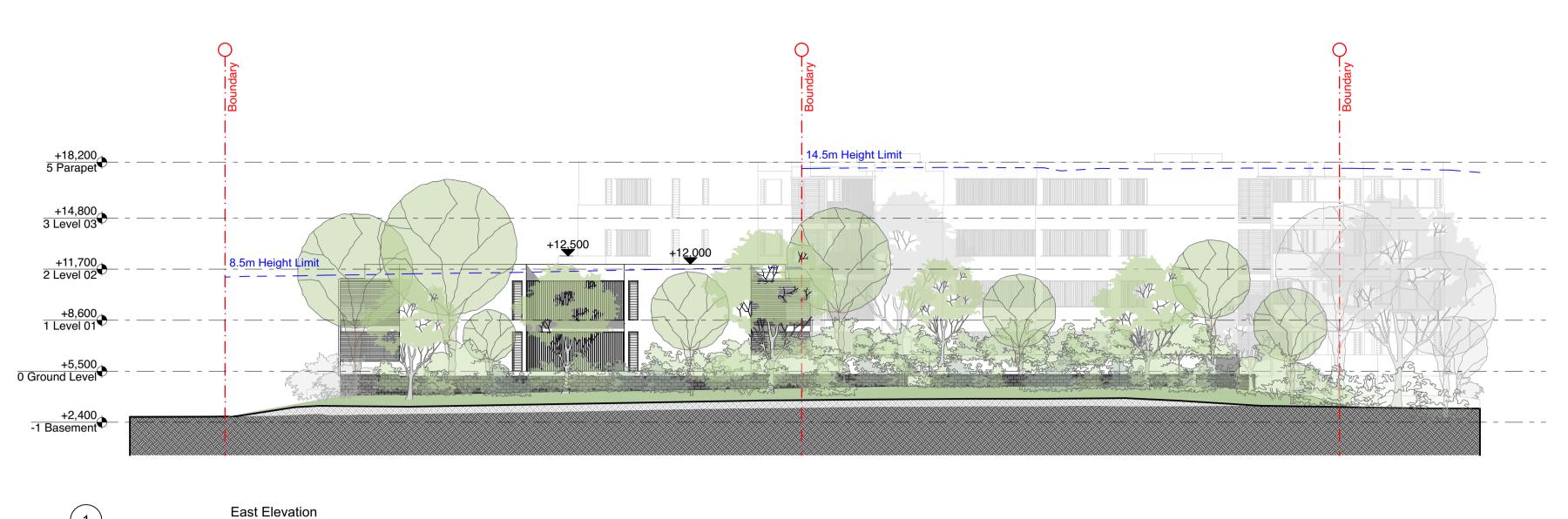
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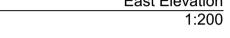




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Legend

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Architect



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North \bigcirc

Status For DA

Date 26/8/21 1:200

Scale at A1

Drawn RY, AK

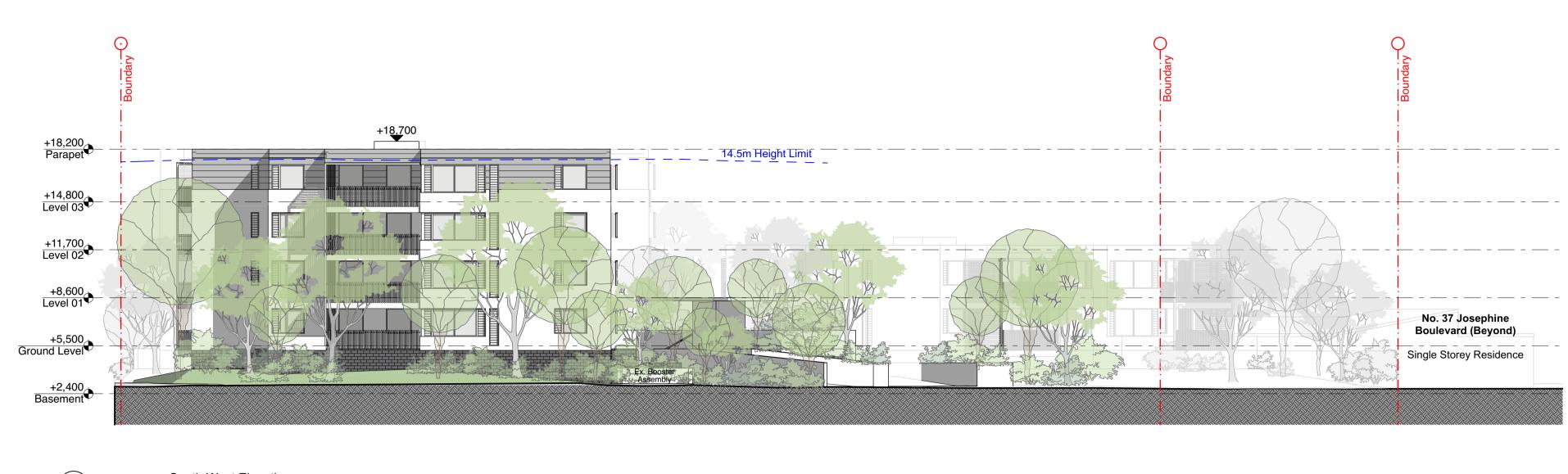
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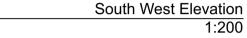
Project Harrington Waters Estate

Drawing **Elevations - Sheet 01**

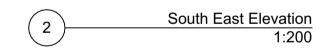
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Project No. 21030





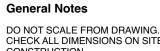






North Elevation 1:200

3



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North \bigcirc

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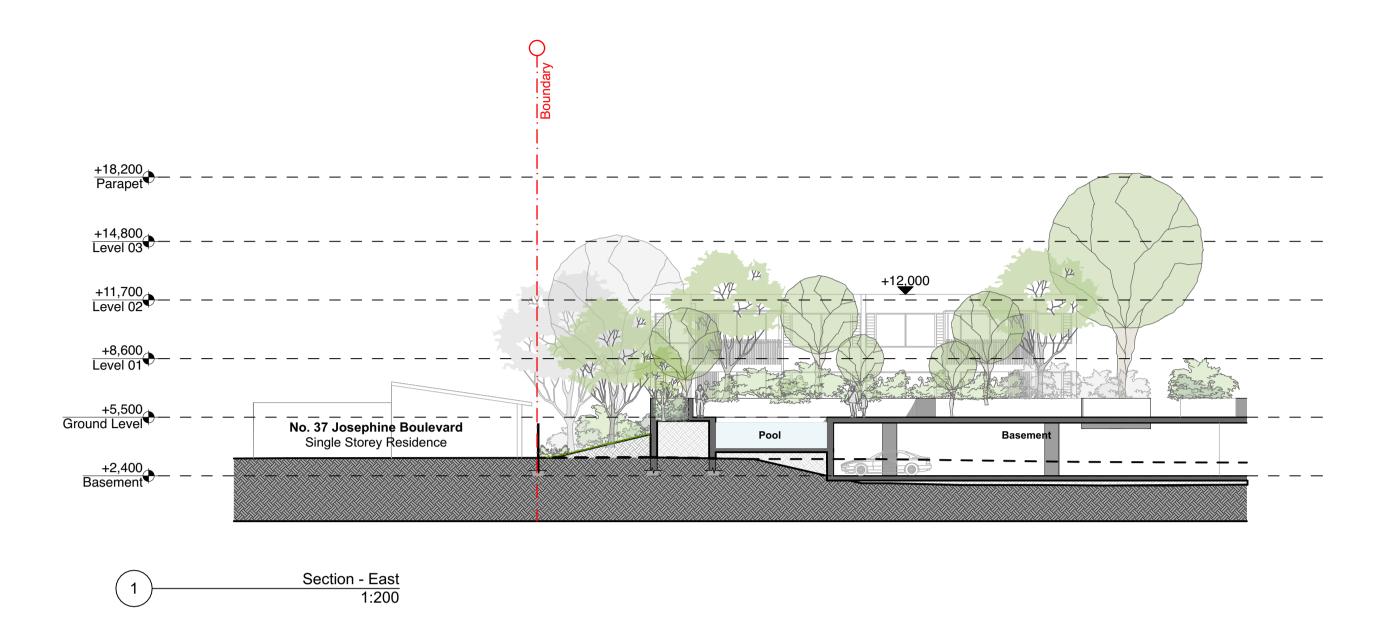
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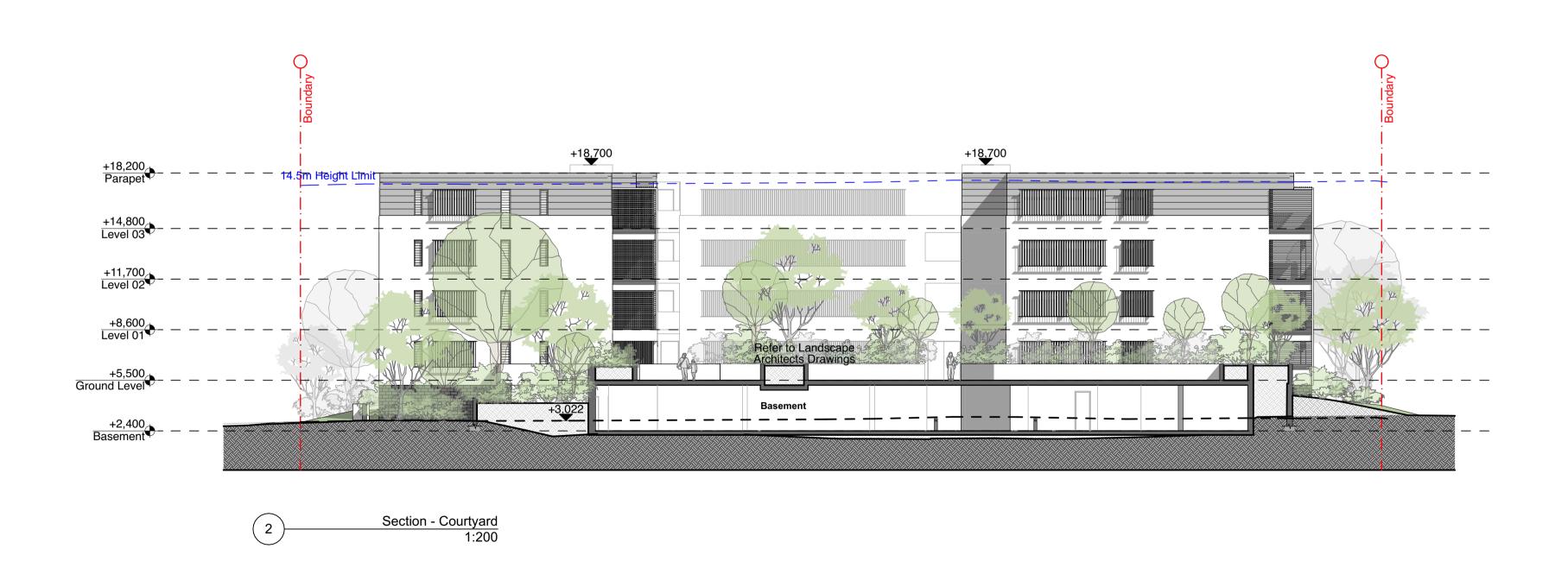
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Drawing Elevations - Sheet 02

С

Project No 21030





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Rev	Date
А	23/7/21
В	4/8/21
С	26/8/21

Issue Progress - Consultant Issue s34 Issue s34 Issue

Legend

Client Roche Group Pty Limited

Architect



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North \bigcirc

Status For DA

Date 26/8/21 1:200

Scale at A1

Drawn RY, AK

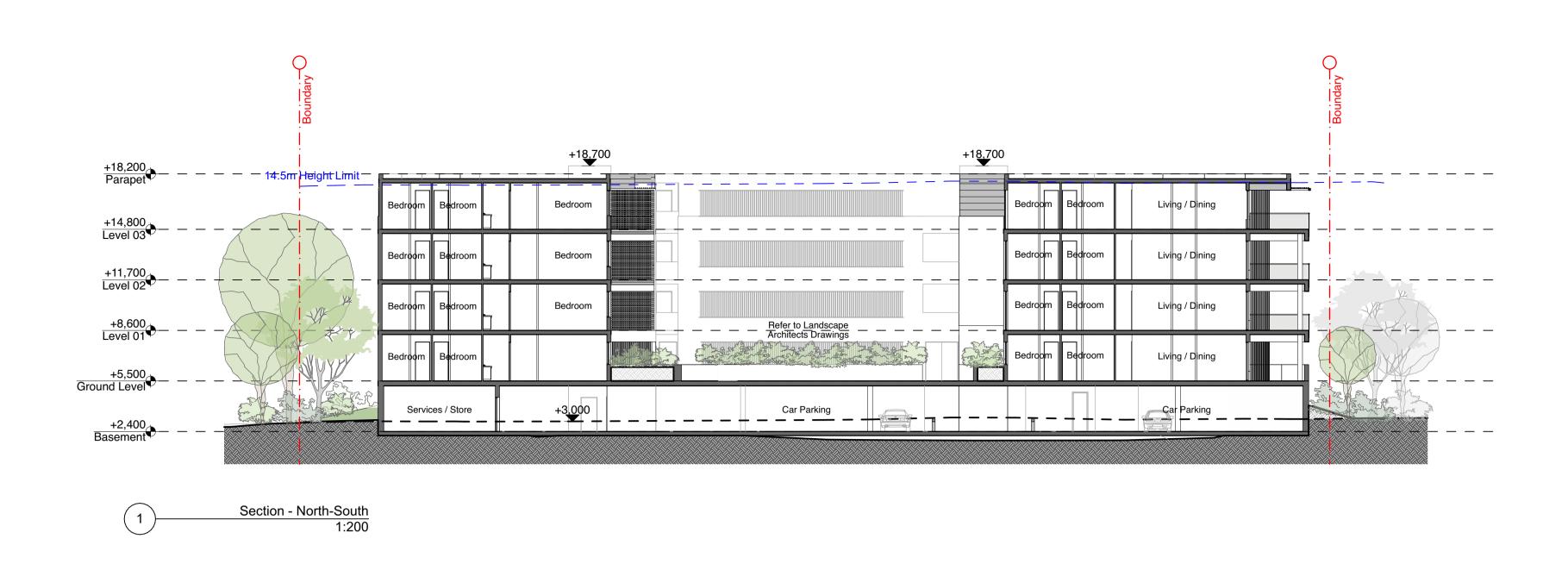
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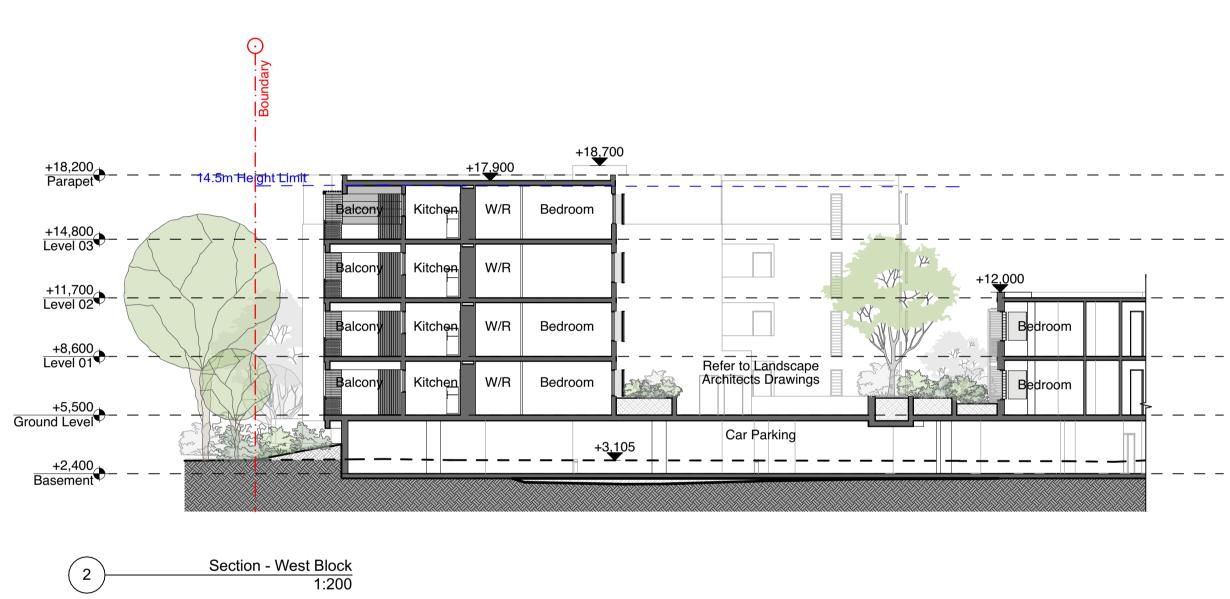
Project Harrington Waters Estate

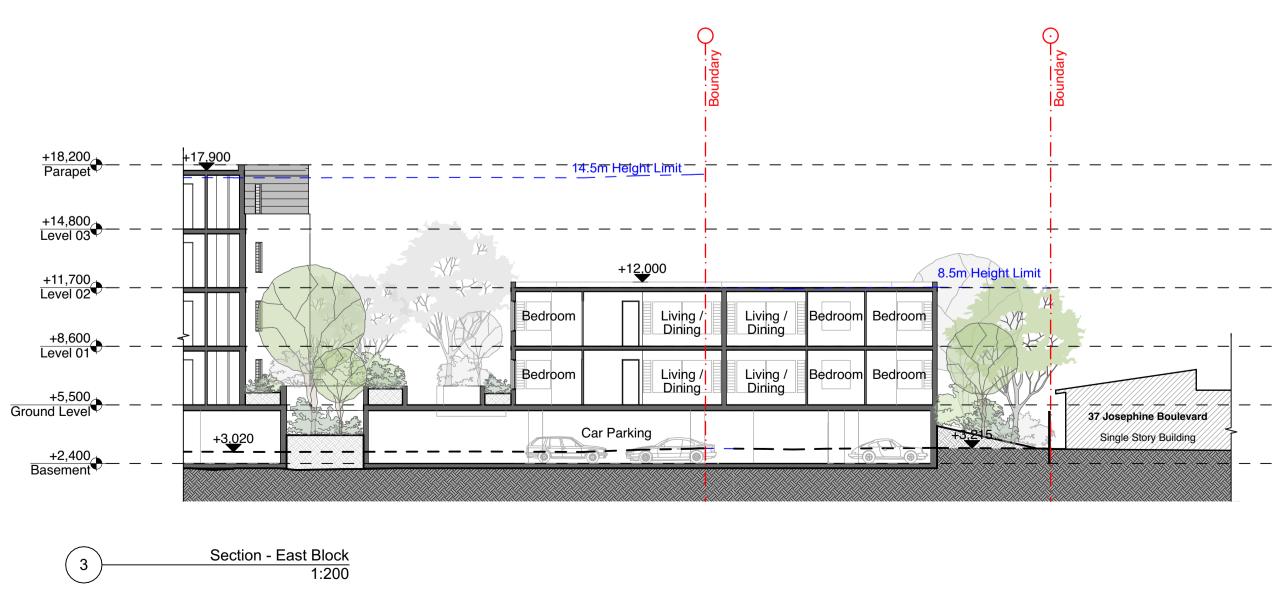
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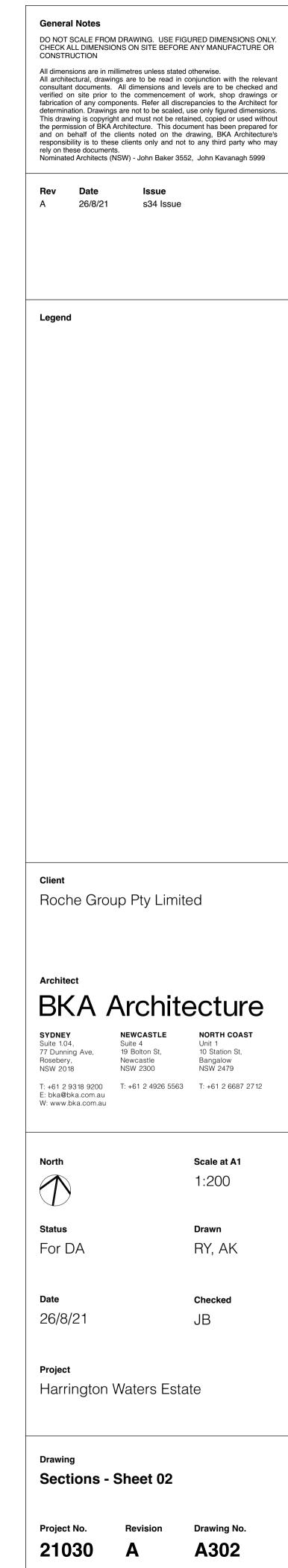
Drawing Sections - Sheet 01

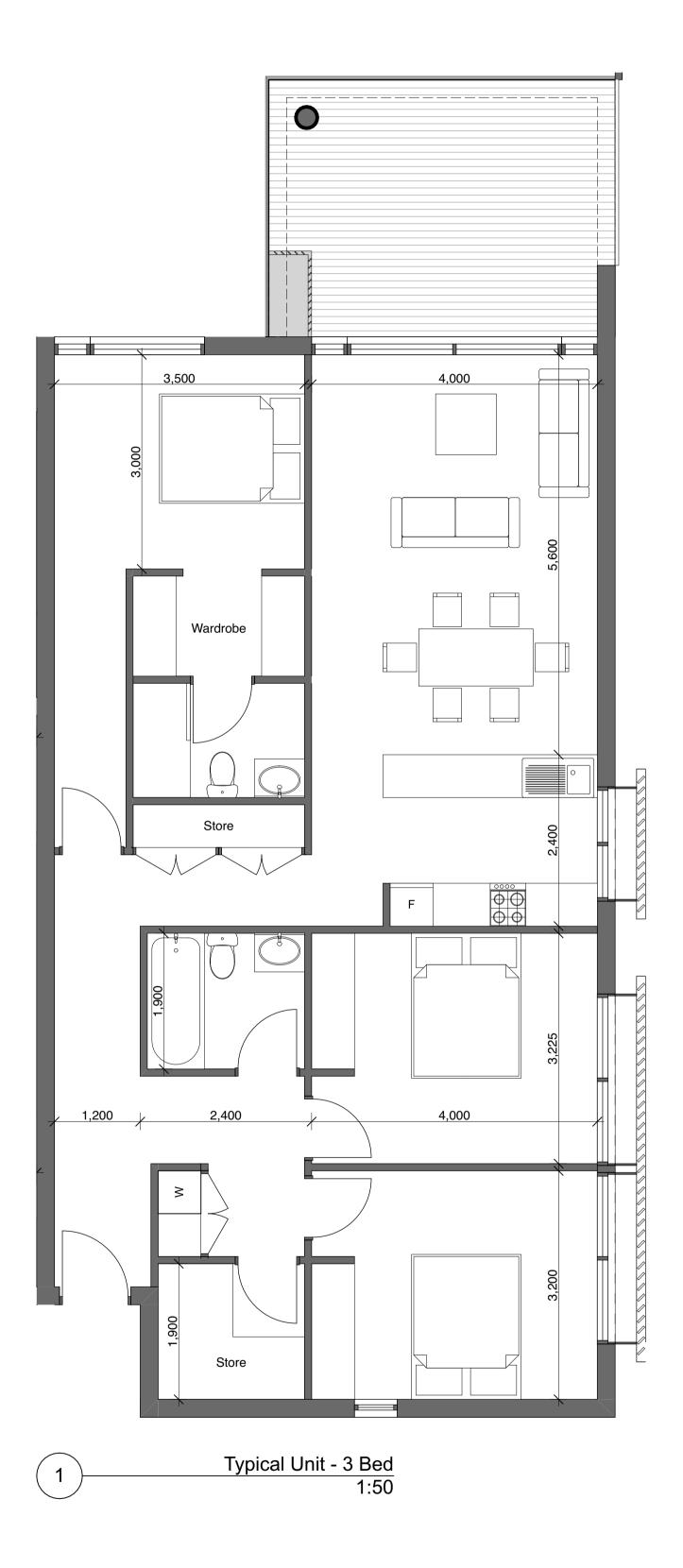
Project No. 21030

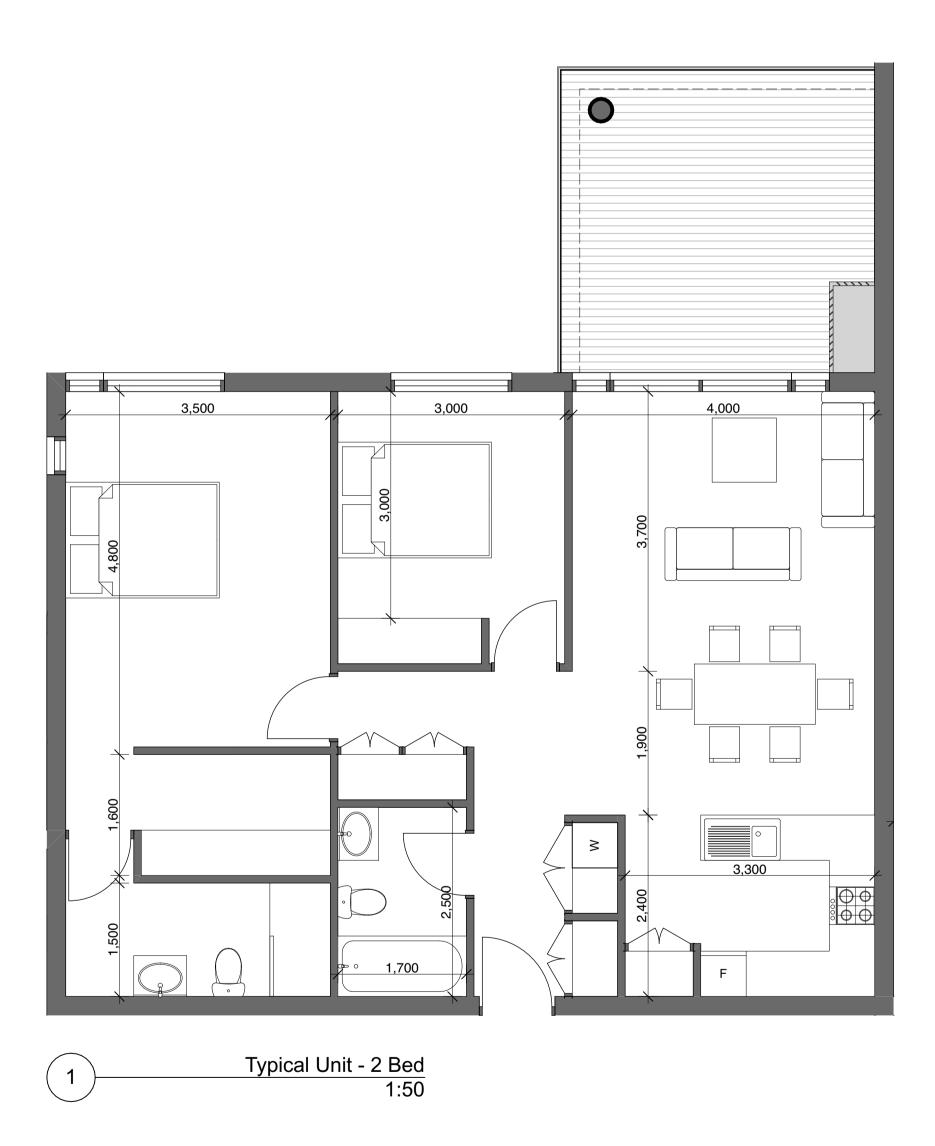


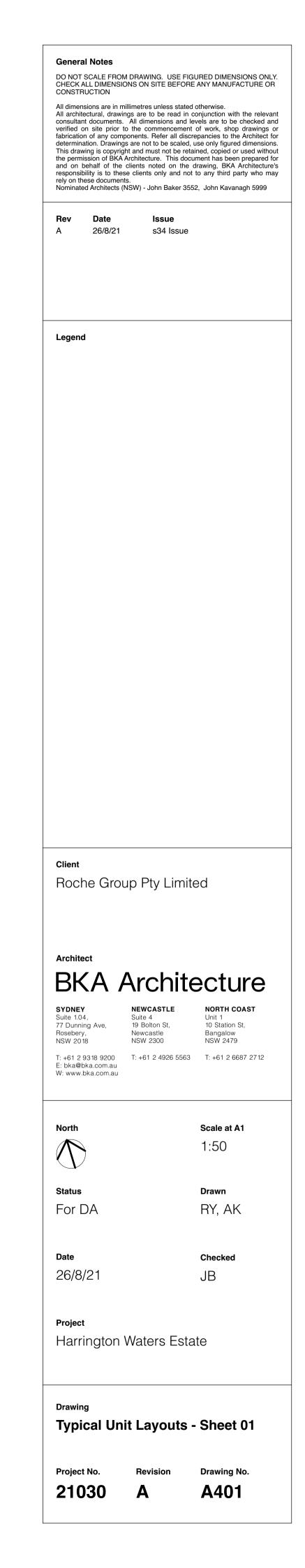


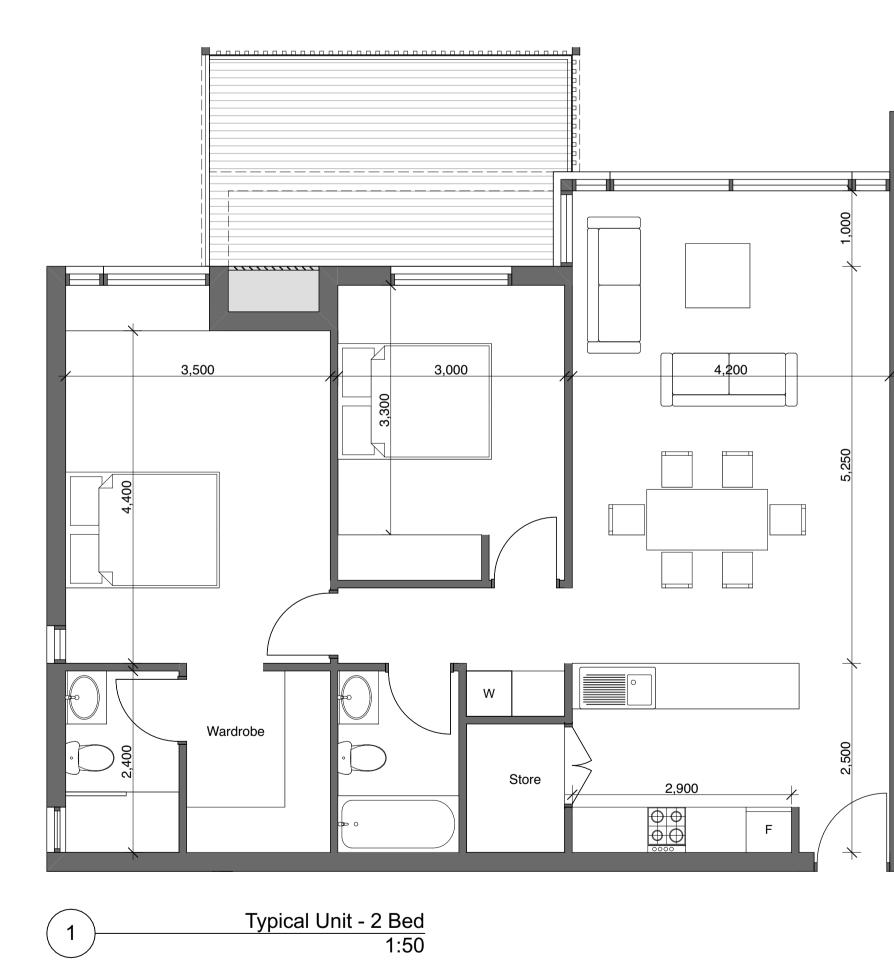


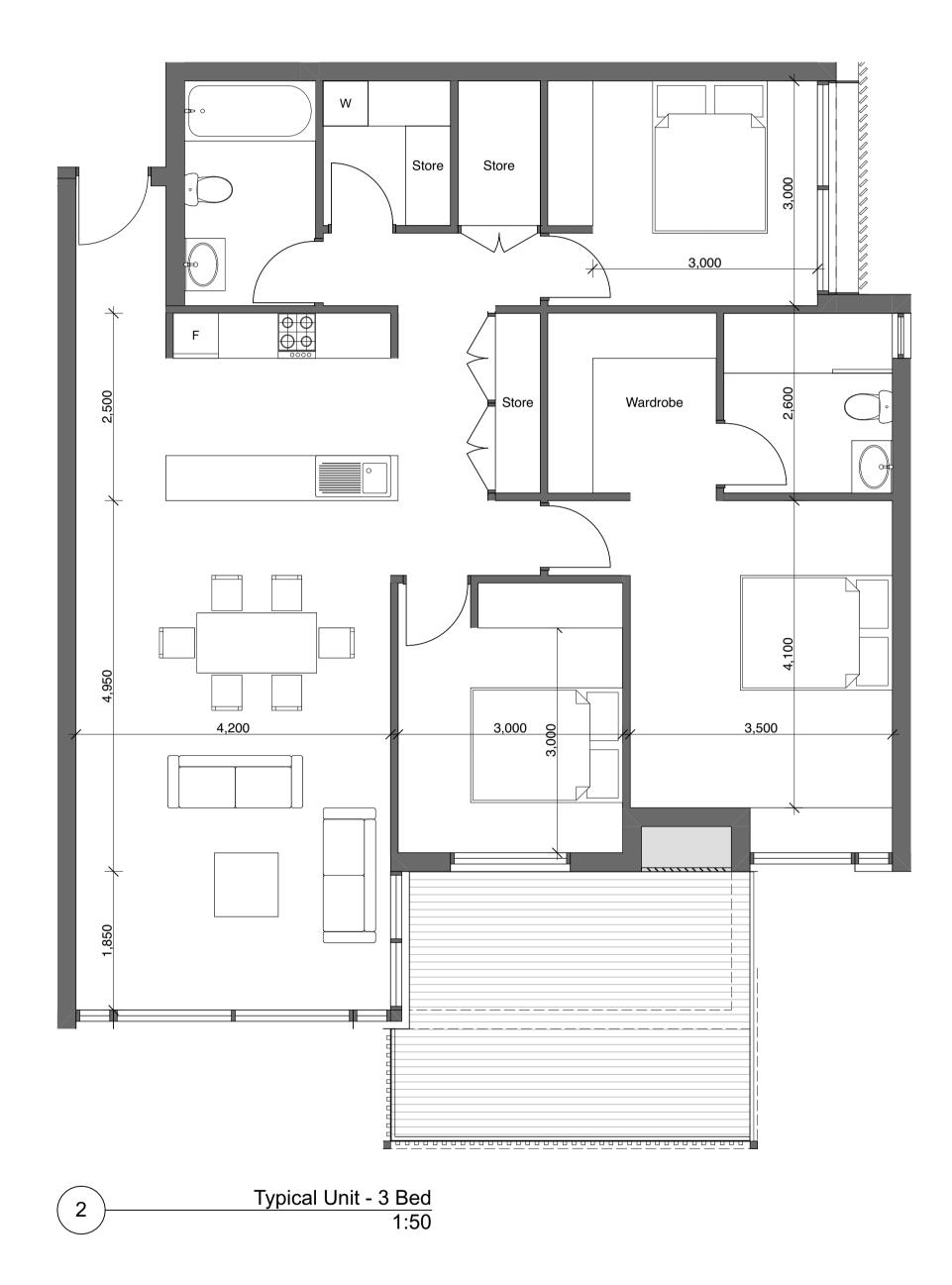


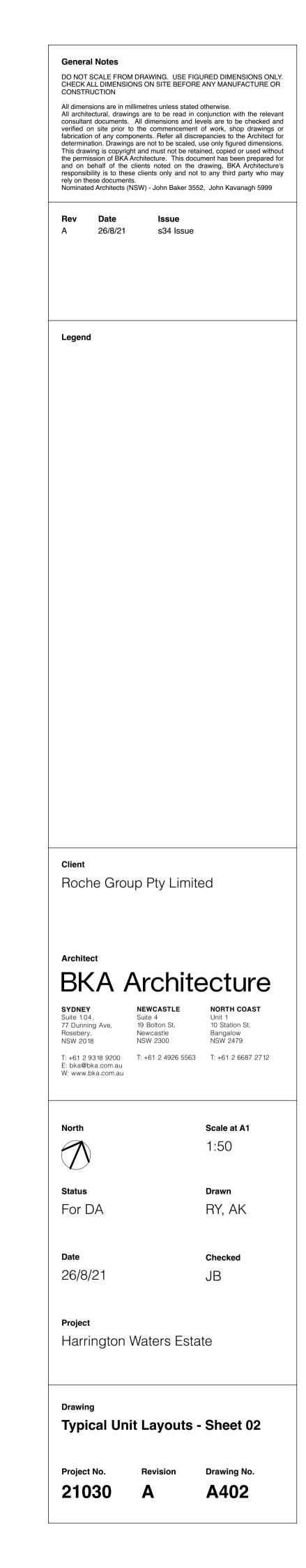


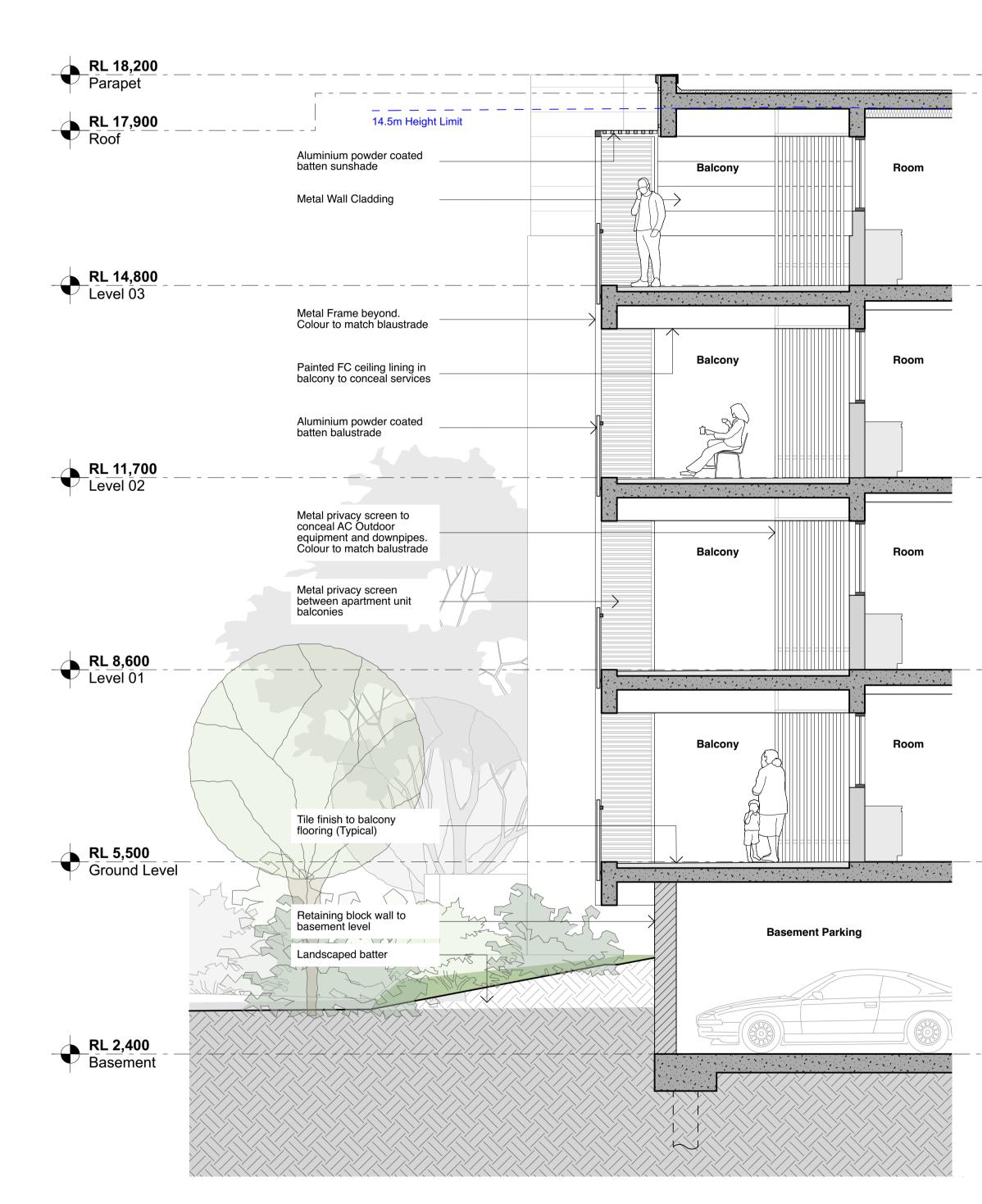




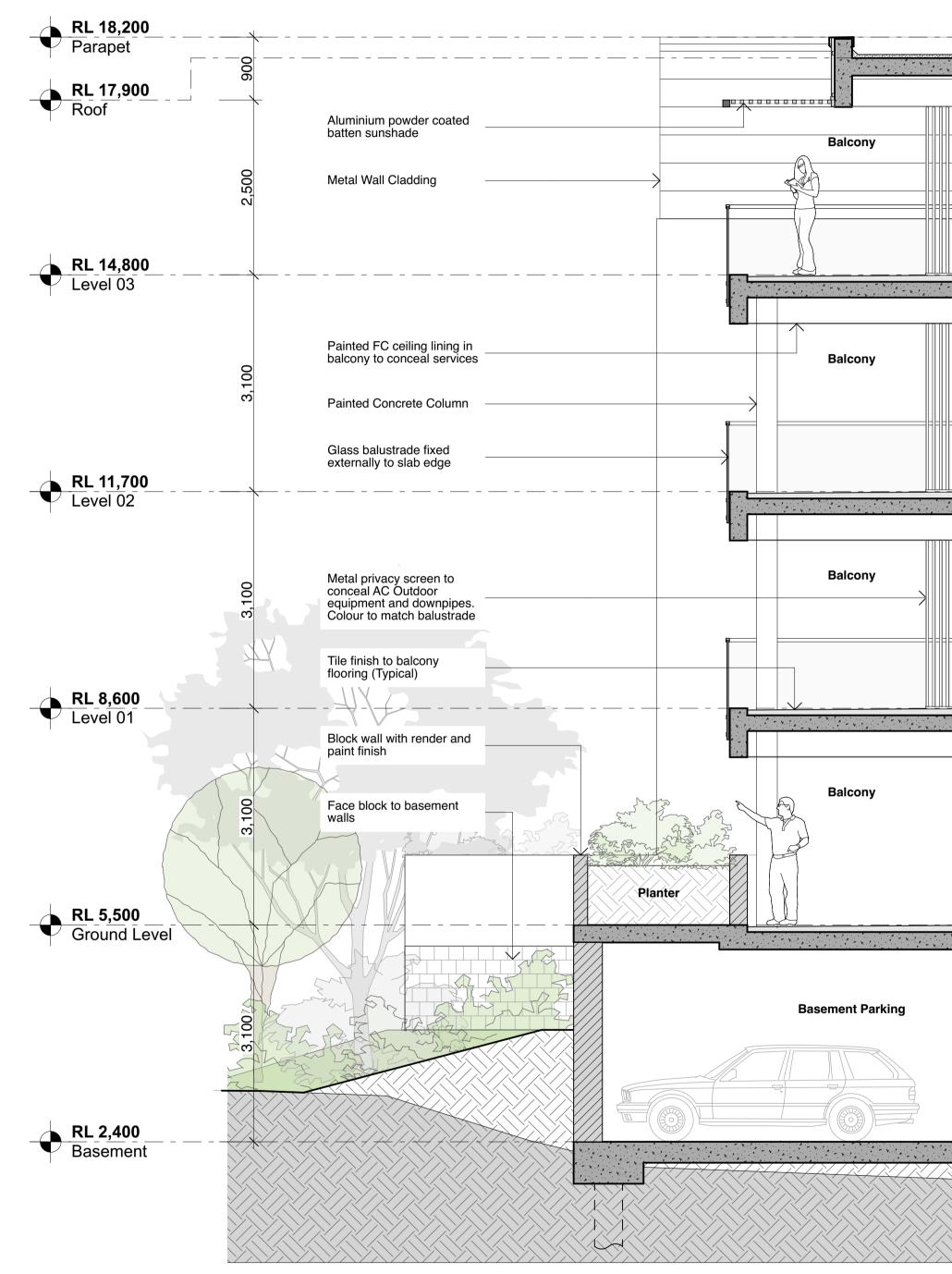








Section Detail - Balcony Type 1 1:50 1)-



Section Detail - Balcony Type 2 (View towards Golf Course) 1:50

(2)

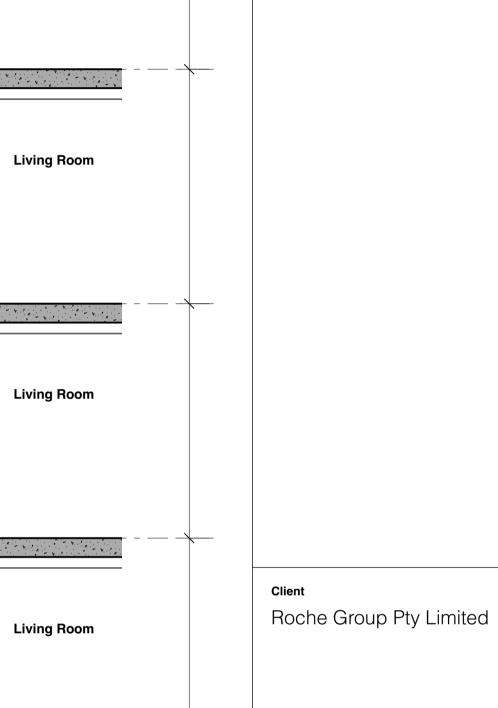
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Rev Date 26/8/21 А

Issue s34 Issue

Legend



Living Room

- - x. . . .

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Architect

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Scale at A1

Status For DA

North

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Date 26/8/21

Drawn RY, AK

1:50

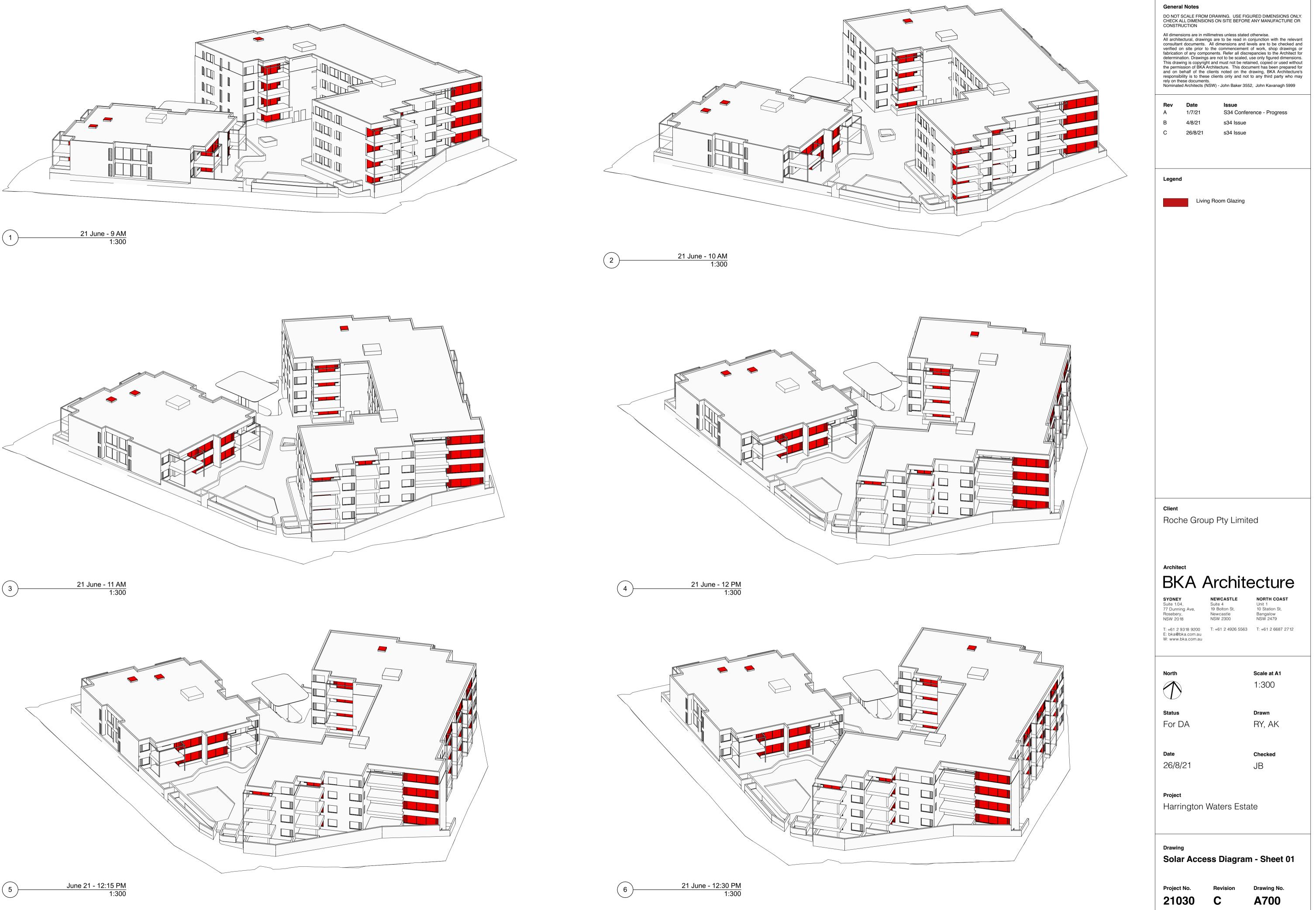
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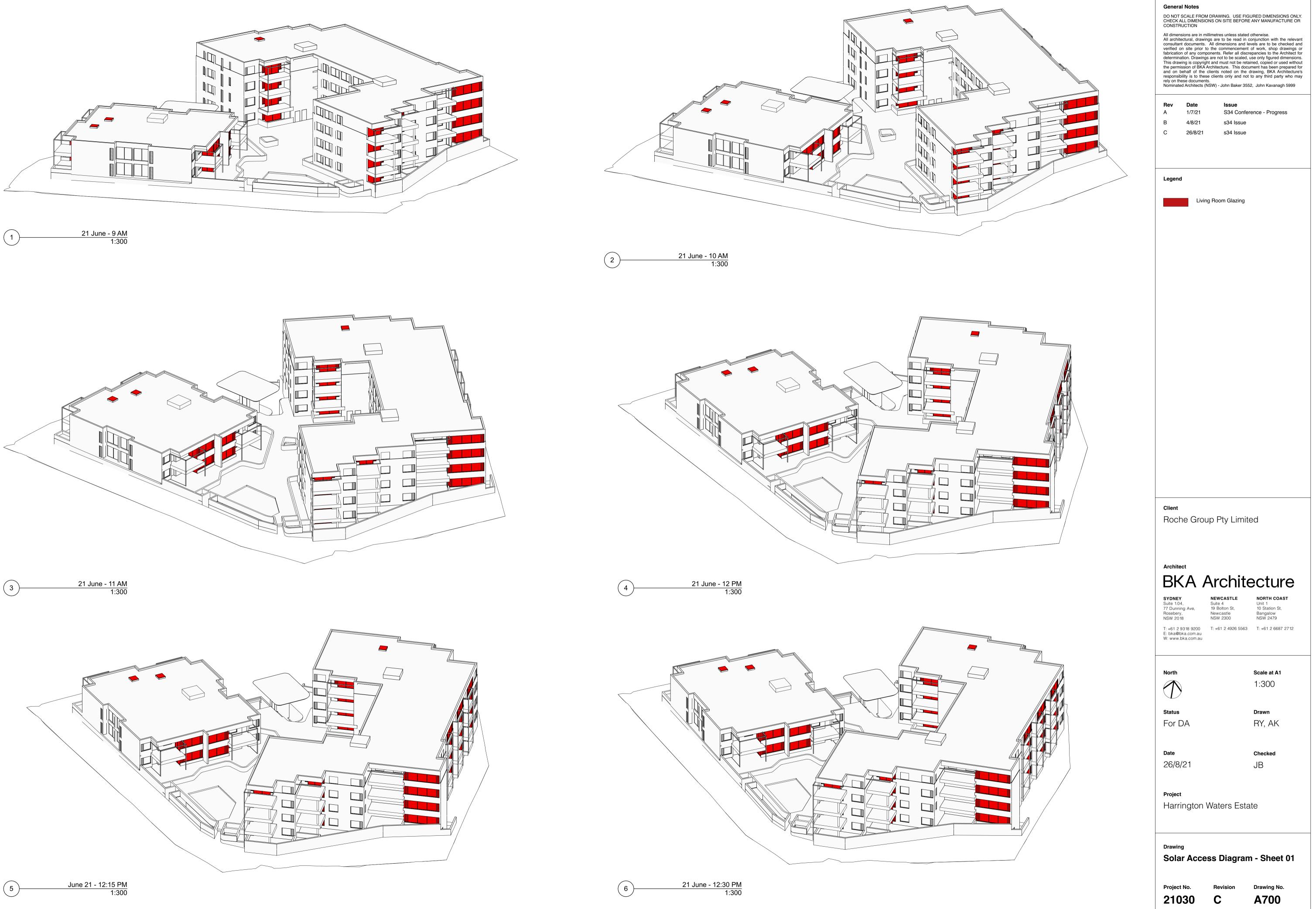
Project Harrington Waters Estate

Α

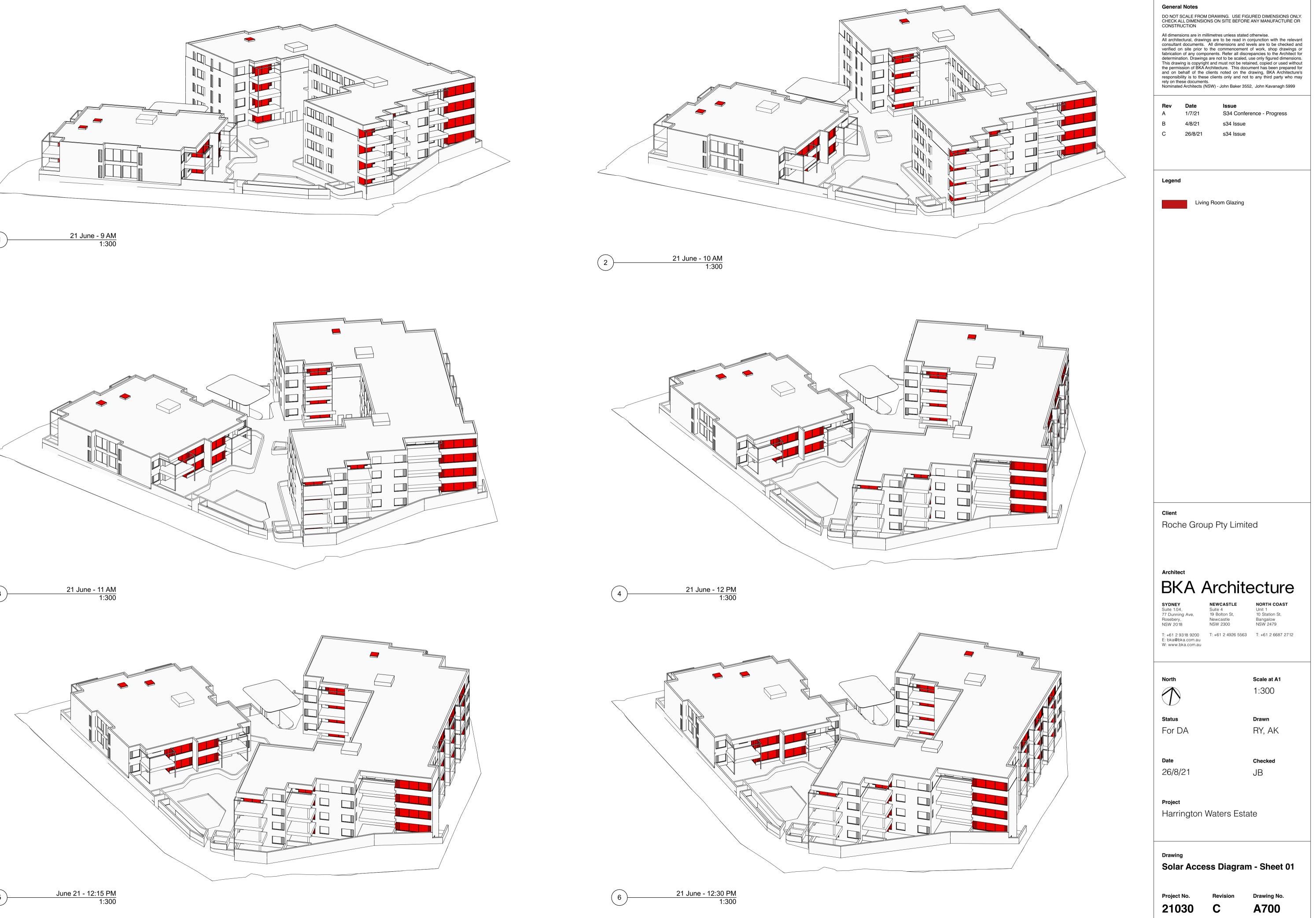
Drawing Section Details

Project No. 21030



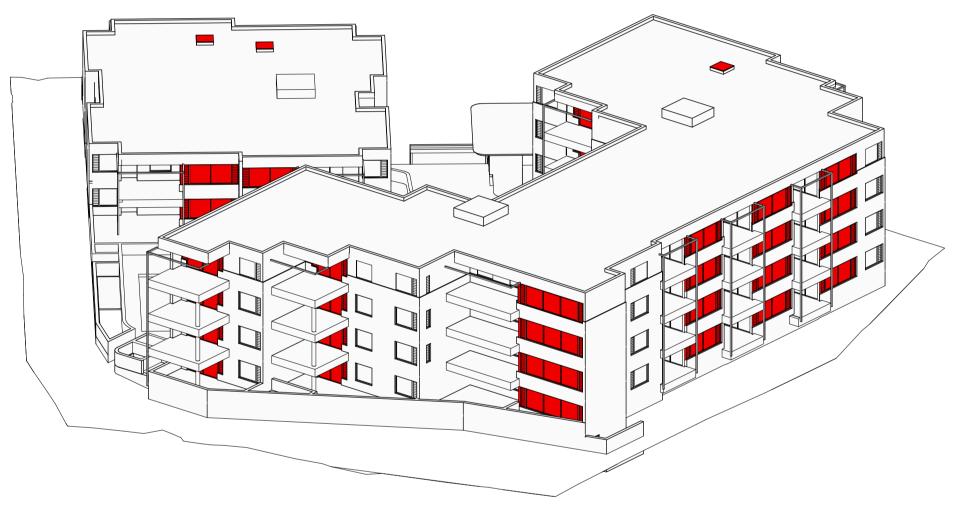




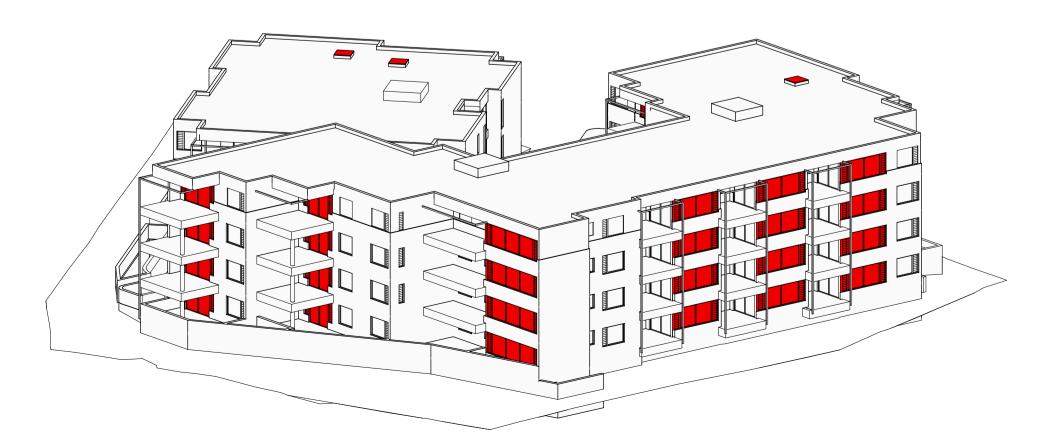




<u>21 Jun</u>e - 1 PM 1:300

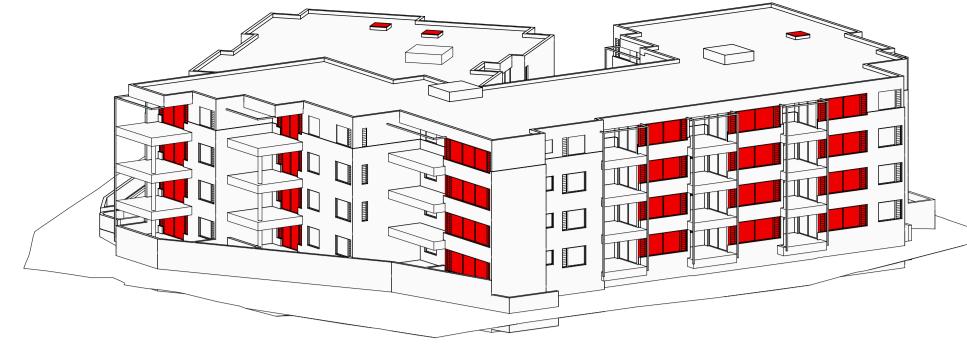






21 June - 3 PM 1:300

(3)



21 June - 3:30 PM 4 1:300

Level	Unit	Туре	9 AM	10 AM	11 AM	12 PM	12:30 PM	1 PM	2 PM	3 PM	3:30 PM	Total Hours of Direct Sunlight
Ground Le	vel											
	UNIT 1	3 BED	Y	Y	-	-	-	-	Y	Y	Y	2.5
	UNIT 2	2 BED	Y	Y	-	Y	Y	Y	Y	Y	Y	5.5
	UNIT 3	3 BED	Y	Y	Y	Y	Y	Y	Y	Y	Y	6.5
	UNIT 4	2 BED	-	-	-	-	Y	Y	Y	Y	Y	3
	UNIT 5	2 BED	-	-	-	-	Y	Y	Y	Y	Y	3
	UNIT 6	2 BED	-	-	-	-	Y	Y	Y	Y	Y	3
	UNIT 7	3 BED	-	-	-	-	-	-	-	-	-	0
	UNIT 8	3 BED	Y	Y	Y	Y	Y	-	-	-	-	3.5
	UNIT 9	2 BED	Y	Y	Y	Y	Y	Y	-	-	-	4
	UNIT 10	3 BED	Y	Y	Y	Y	Y	Y	Y	-	-	5
	UNIT 11	3 BED	-	-	-	-	-	-	-	-	-	0
	UNIT 12	3 BED	-	-	-	-	-	-	-	-	-	0
_evel 01												
	UNIT 13	3 BED	Y	Y	-	-	-	-	Y	Y	Y	2.5
	UNIT 14	2 BED	Y	Y	-	Y	Y	Y	Y	Y	Y	5.5
	UNIT 15	3 BED	Y	Y	Y	Y	Y	Y	Y	Y	Y	6.5
	UNIT 16	2 BED	-	-	-	-	Y	Y	Y	Y	Y	3.25
	UNIT 17	2 BED	-	-	-	-	Y	Y	Y	Y	Y	3.25
	UNIT 18	2 BED	-	-	-	-	Y	Y	Y	Y	Y	3.25
	UNIT 19	3 BED	-	-	-	-	-	-	-	-	-	0
_	UNIT 20	3 BED	Y	Y	Y	Y	Y	Y	-	-	-	4
	UNIT 21	2 BED	Y	Y	Y	Y	Y	Y	Y	-	-	5
_	UNIT 22	3 BED	Y	Y	Y	Y	Y	Y	Y	-	-	5
	UNIT 23	3 BED	Y	Y	Y	Y	Y	Y	Y	Y	Y	6.5
	UNIT 24	3 BED	Y	Y	Y	Y	Y	Y	Y	Y	Y	6.5
_evel 02												
	UNIT 25	3 BED	Y	Y	-	-	-	-	Y	Y	Y	2.5
	UNIT 26	2 BED	Y	Y	-	Y	Y	Y	Y	Y	Y	5.5
_	UNIT 27	3 BED	Y	Y	Y	Y	Y	Y	Y	Y	Y	6.5
	UNIT 28	2 BED	-	-	-	-	Y	Y	Y	Y	Y	3
	UNIT 29	2 BED	-	-	-	-	Y	Y	Y	Y	Y	3
_	UNIT 30	2 BED	-	-	-	-	Y	Y	Y	Y	Y	3
	UNIT 31	3 BED	-	-	-	-	-	-	-	-	-	0
	UNIT 32	3 BED	Y	Y	Y	Y	Y	Y	-	-	-	4
_evel 03												1
	UNIT 33	3 BED	Y	Y	Y	Y	Y	Y	Y	Y	Y	6.5
	UNIT 34	2 BED	Y	Y	Y	Y	Y	Y	Y	Y	Y	6.5
	UNIT 35	3 BED	Y	Y	Y	Y	Y	Y	Y	Y	Y	6.5
	UNIT 36	2 BED	-	-	-	Y	Y	Y	Y	Y	Y	3.5
	UNIT 37	2 BED	-	-	-	Y	Y	Y	Y	Y	Y	3.5
	UNIT 38	2 BED	-	-	-	Y	Y	Y	Y	Y	Y	3.5
	UNIT 39	3 BED	Y	Y	Y	Y	Y	Y	Y	Y	Y	6.5

SOLAR CALCULATION

Total No. of Units	-	40
Total units with min. 3 Hours of Direct Sunlight	-	32
Percentage of Complying Units	-	80%

General Notes

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4/8/21 В С 26/8/21

S34 Conference - Progress s34 Issue s34 Issue

Legend

Living Room Glazing

Client Roche Group Pty Limited

Architect

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Scale at A1 1:300

Drawn RY, AK

Date 26/8/21

North

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Status

For DA

Checked JB

Project Harrington Waters Estate

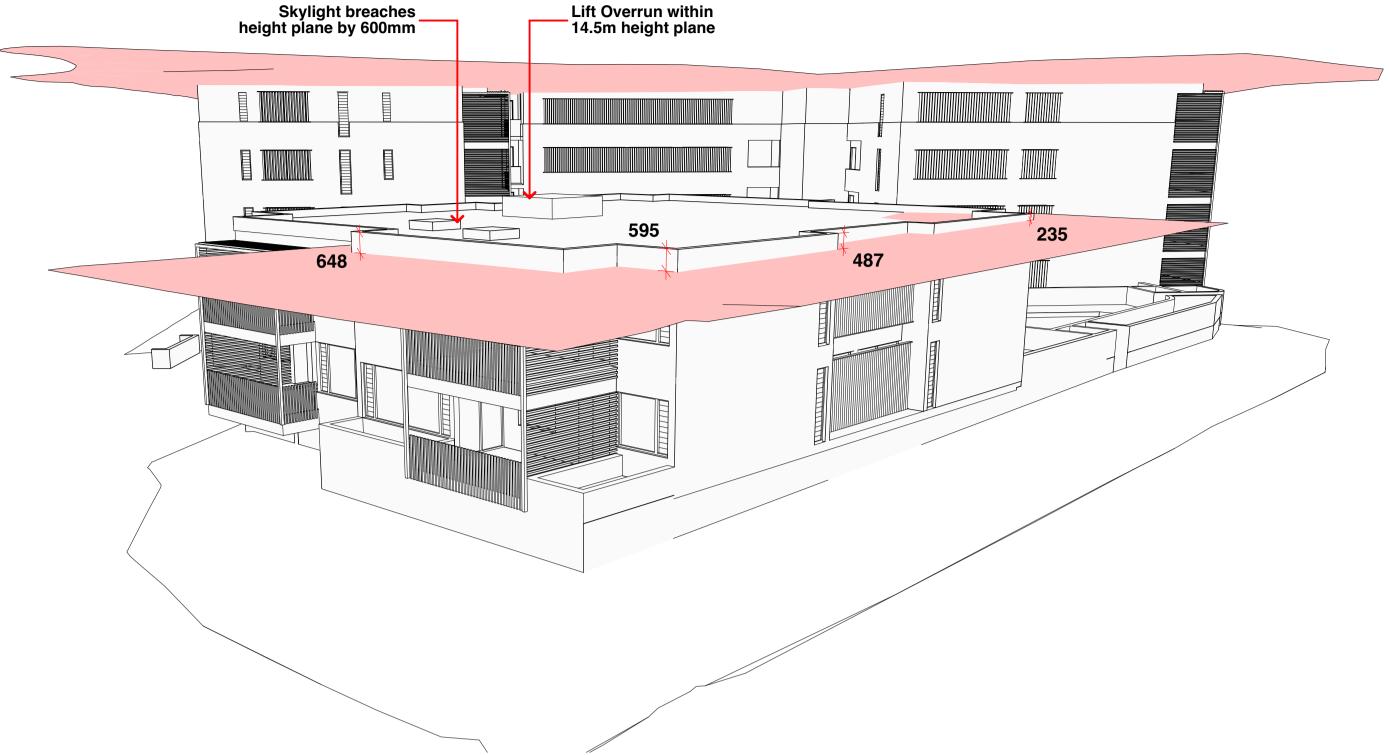
Drawing

Solar Access Diagram - Sheet 02

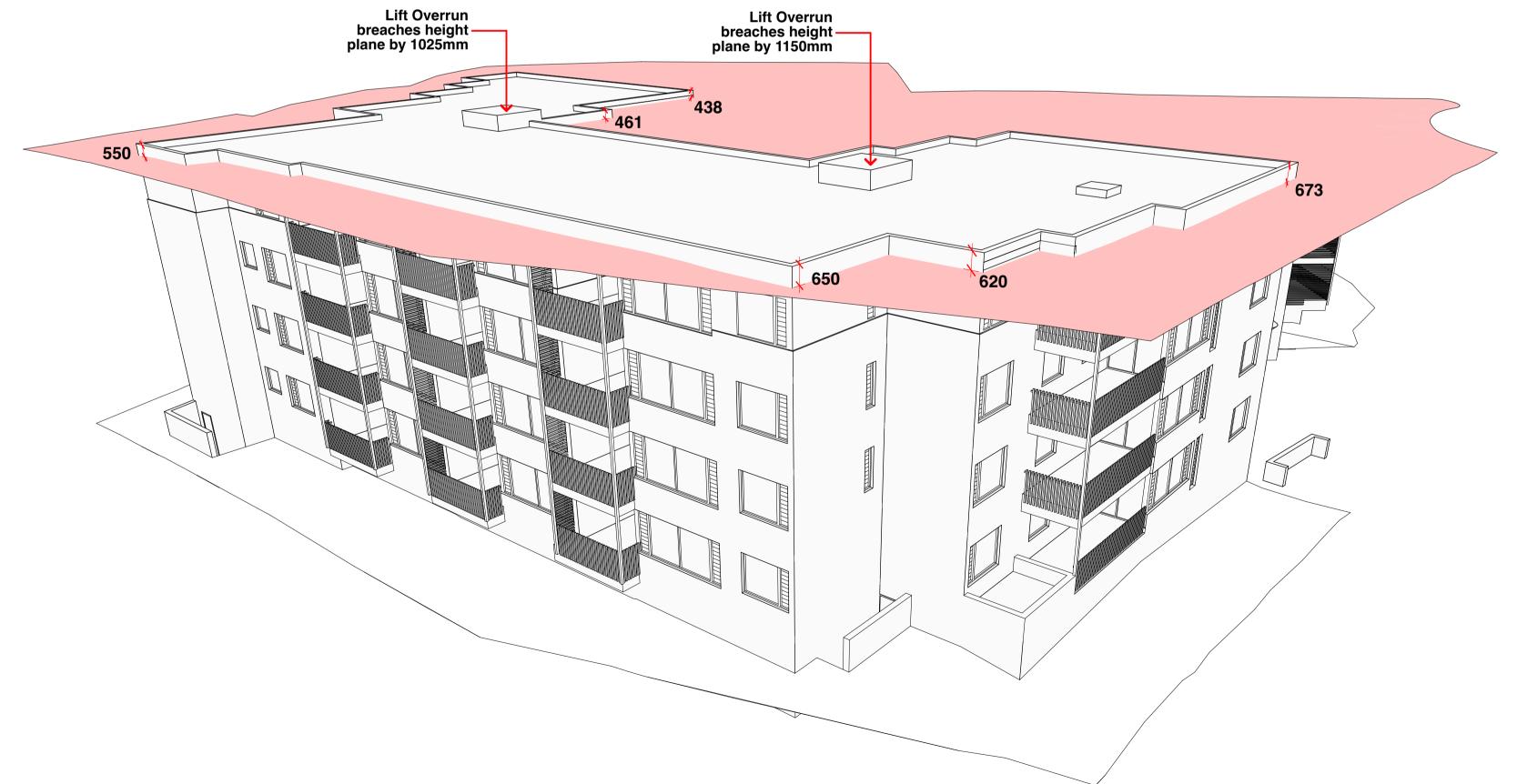
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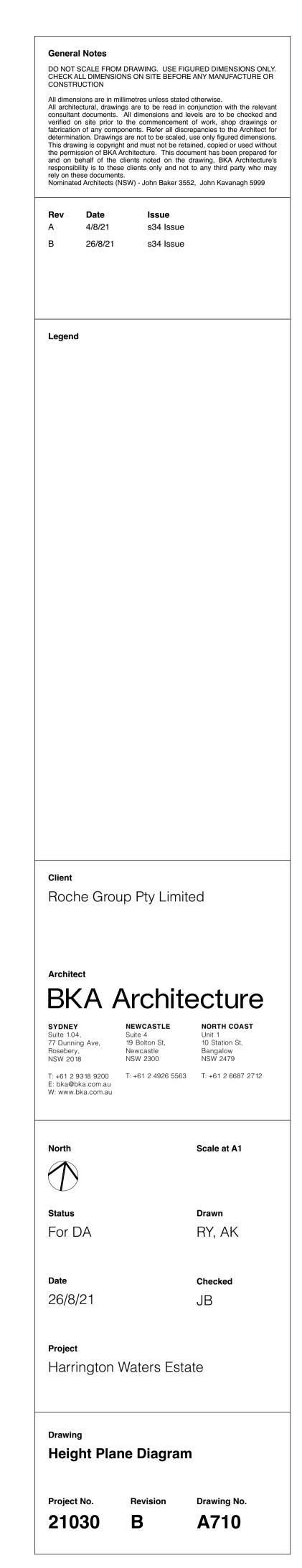
Project No. 21030



Height Plane - South East View ໌ 1







CROSS VENTILATION SCHEDULE			
Level	Unit	Cross Ventilation	
Ground	Level		
	UNIT 1	Y	
	UNIT 2	Y	
	UNIT 3	Y	
	UNIT 4	Y	
	UNIT 5	Y	
	UNIT 6	Y	
	UNIT 7	Y	
	UNIT 8	Y	
	UNIT 9	Y	
	UNIT 10	Y	
	UNIT 11	Y	
	UNIT 12	Y	
Level 01			
	UNIT 13	Y	
	UNIT 14	Y	
	UNIT 15	Y	
	UNIT 16	Y	
	UNIT 17	Y	
	UNIT 18	Y	
	UNIT 19	Y	
	UNIT 20	Y	
	UNIT 21	Y	
	UNIT 22	Y	
	UNIT 23	Y	
	UNIT 24	Y	
Level 02			
	UNIT 25	Y	
	UNIT 26	Y	
	UNIT 27	Y	
	UNIT 28	Y	
	UNIT 29	Y	
	UNIT 30	Y	
	UNIT 31	Y	
	UNIT 32	Y	
Level 03			
	UNIT 33	Y	
	UNIT 34	Y	
	UNIT 35	Y	
	UNIT 36	Y	
	UNIT 37	Y	
	UNIT 38	Y	
	UNIT 39	Y	
	UNIT 40	Y	

CROSS VENTILATION CALCULATION

Total No. of Units	-	40
Total units with Cross Ventilation	-	40
Percentage of Complying Units	-	100%





PROPOSED GFA SCHEDULE					
LOT Level Area					
Lot 4122					
	Ground Level	269.74			
	Level 01	269.74			
		539.48 m ²			
Part Lot 49 DP 1239209					
	Ground Level	1,066.74			
	Level 01	1,066.35			
	Level 02	878.88			
	Level 03	878.88			
		3,890.85 m ²			
		4,430.33 m ²			

SITE AREA

(Excluding Recreation Zone)

Lot 4122	-	664.5 m ²
Part Lot 49 DP 1239209	-	3144.4 m ²

Site Area where FSR 0.6:1 Applies	-	981.	5 m²
Lot 4122 (664.5 m ²) +			
North Eastern Portion of Part Lot 49 DP	12392	209	(317 m ²)

Site Area where no FSR Applies - 2827.4 m²

PREVIOUS DA SUBMISSION GFA

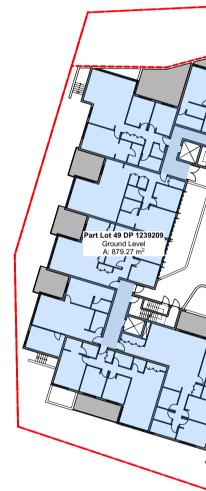
Lot 4122	-	651 m²
Part Lot 49 DP 1239209	-	4161 m ²

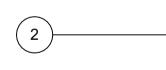
PREVIOUS DA SUBMISSION FSR

Lot 4122	-	0.95:1
Part Lot 49 DP 1239209	-	1.32:1

PROPOSED FSR

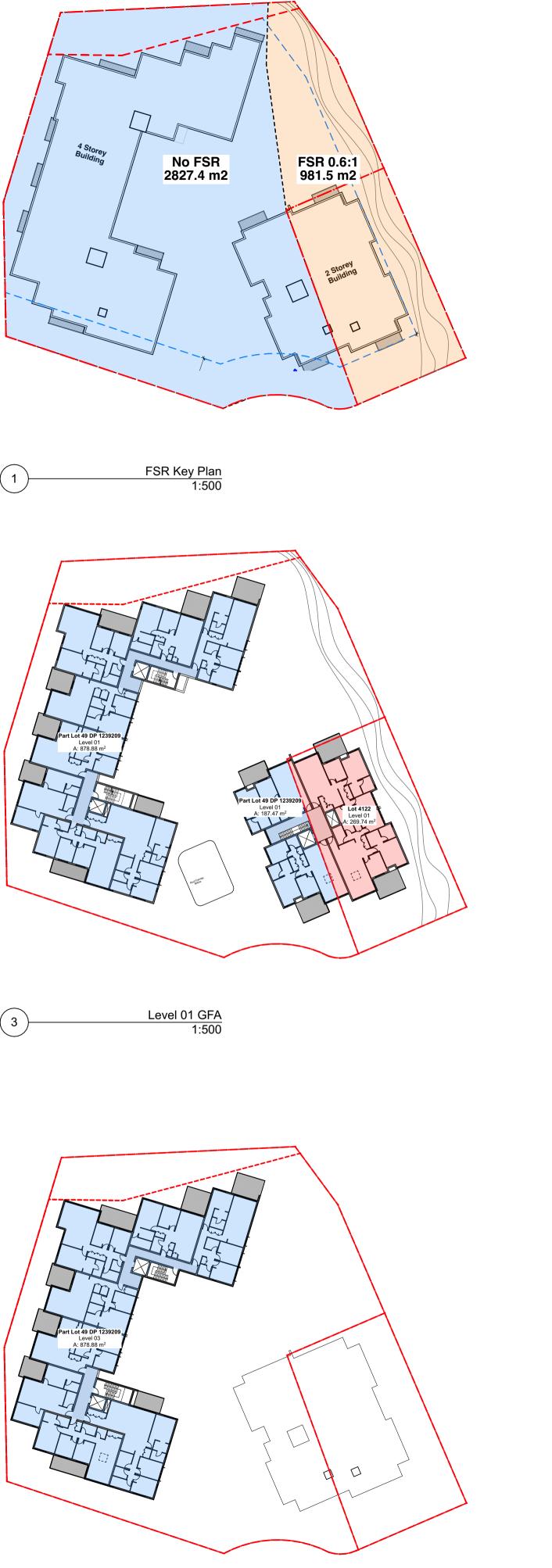
Lot 4122	-	0.55:1
Part Lot 49 DP 1239209	-	1.38:1





(4













Level 03 GFA 1:500 (5



Ground Level GFA 1:500

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General Notes

GFA Diagram

21030

С

Total Site Area

- 4027.5 m²

COMMON OPEN SPACE

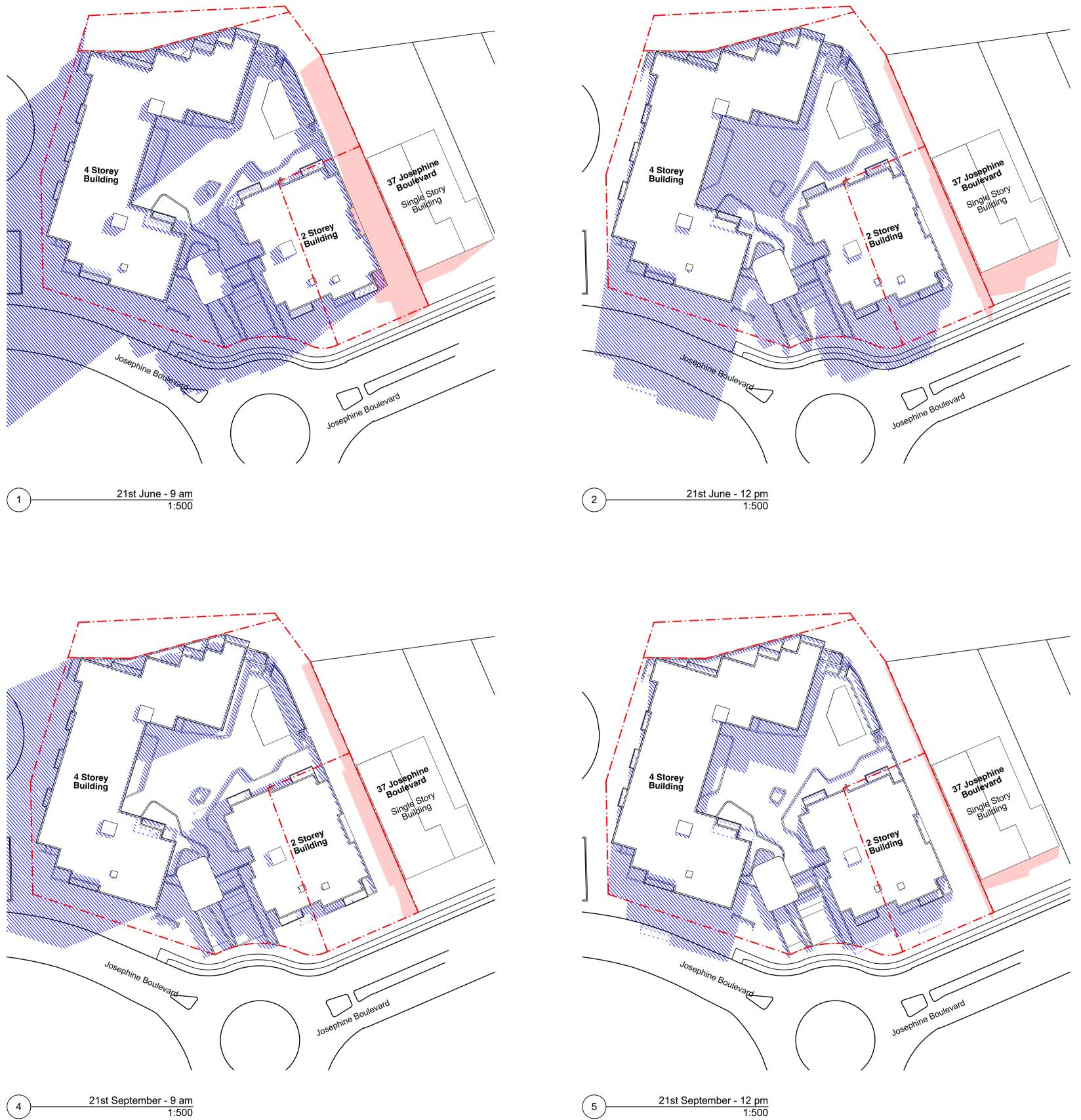
Percentage of Site Coverage achieved ·	-	31.1770
Porcontago of Sito Covorago achieved		31.17%
Percentage of Site Coverage required	-	25%
Total Common Open Space	-	1255.35 m2

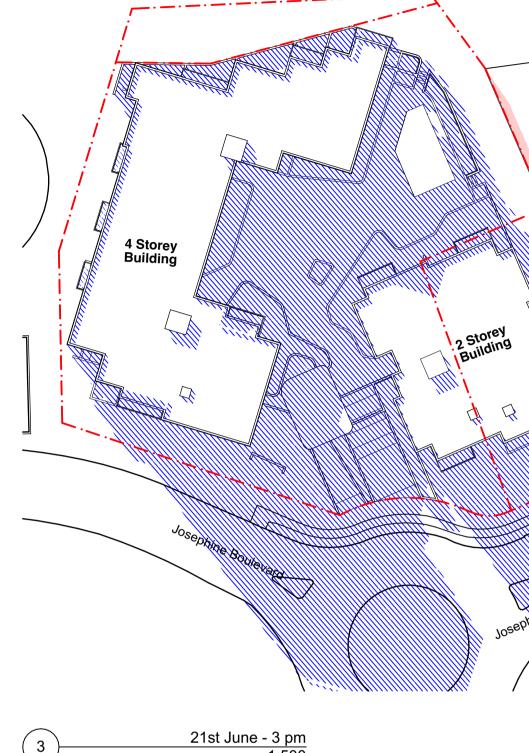
DEEP SOIL

Percentage of Site Coverage achieved -	15.18%
Percentage of Site Coverage required -	7%
Total Deep Soil Area -	611.6 m2

Storage Calculation					
Location	Unit No.	Unit Type	Storage in Unit (m3)	Storage in Basment (m3)	
Ground Level				-	
	UNIT 01	3 BED	11.64	N/A	
	UNIT 02	2 BED	5.83	2.17	
	UNIT 03	3 BED	10.08	N/A	
	UNIT 04	2 BED	9.41	N/A	
	UNIT 05	2 BED	10.23	N/A	
	UNIT 06	2 BED	8.08	N/A	
	UNIT 07	3 BED	10.14	N/A	
	UNIT 08	3 BED	19.76	N/A	
	UNIT 09	2 BED	5.97	2.03	
	UNIT 10	3 BED	10.05	N/A	
	UNIT 11	3 BED	11.77	N/A	
	UNIT 12	3 BED	10.5	N/A	
Level 01					
	UNIT 13	3 BED	11.64	N/A	
	UNIT 14	2 BED	5.83	2.17	
	UNIT 15	3 BED	10.08	N/A	
	UNIT 16	2 BED	9.41	N/A	
	UNIT 17	2 BED	10.23	N/A	
	UNIT 18	2 BED	8.08	N/A	
	UNIT 19	3 BED	10.14	N/A	
	UNIT 20	3 BED	19.76	N/A	
	UNIT 21	2 BED	5.97	2.03	
	UNIT 22	3 BED	10.05	N/A	
	UNIT 23	3 BED	11.77	N/A	
	UNIT 24	3 BED	10.5	N/A	
Level 02					
	UNIT 25	3 BED	11.64	N/A	
	UNIT 26	2 BED	5.83	2.17	
	UNIT 27	3 BED	10.08	N/A	
	UNIT 28	2 BED	9.41	N/A	
	UNIT 29	2 BED	10.23	N/A	
	UNIT 30	2 BED	8.08	N/A	
	UNIT 31	3 BED	10.14	N/A	
	UNIT 32	3 BED	19.76	N/A	
Level 03					
	UNIT 33	3 BED	11.64	N/A	
	UNIT 34	2 BED	5.83	2.17	
	UNIT 35	3 BED	10.08	N/A	
	UNIT 36	2 BED	9.41	N/A	
	UNIT 37	2 BED	10.23	N/A	
	UNIT 38	2 BED	8.08	N/A	
	UNIT 39	3 BED	10.14	N/A	
	UNIT 40	3 BED	19.76	N/A	







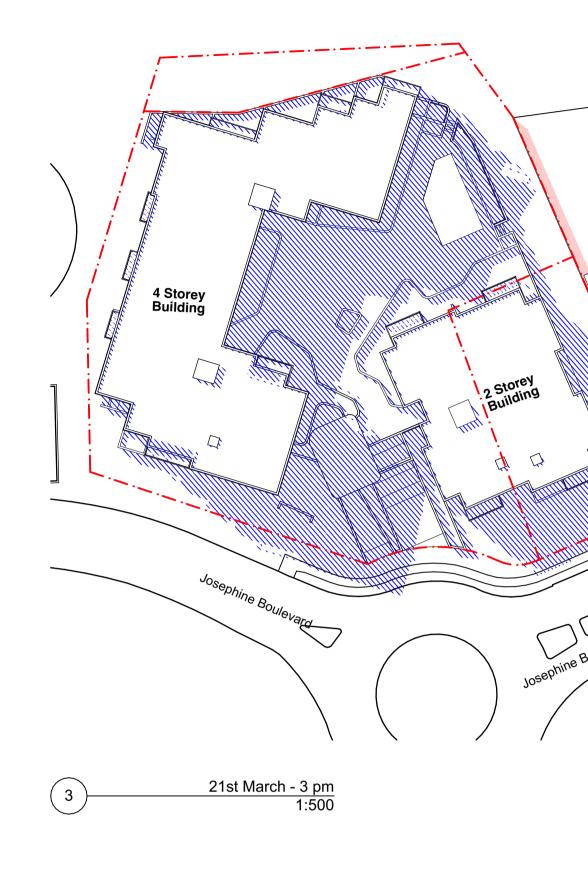


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Project No.

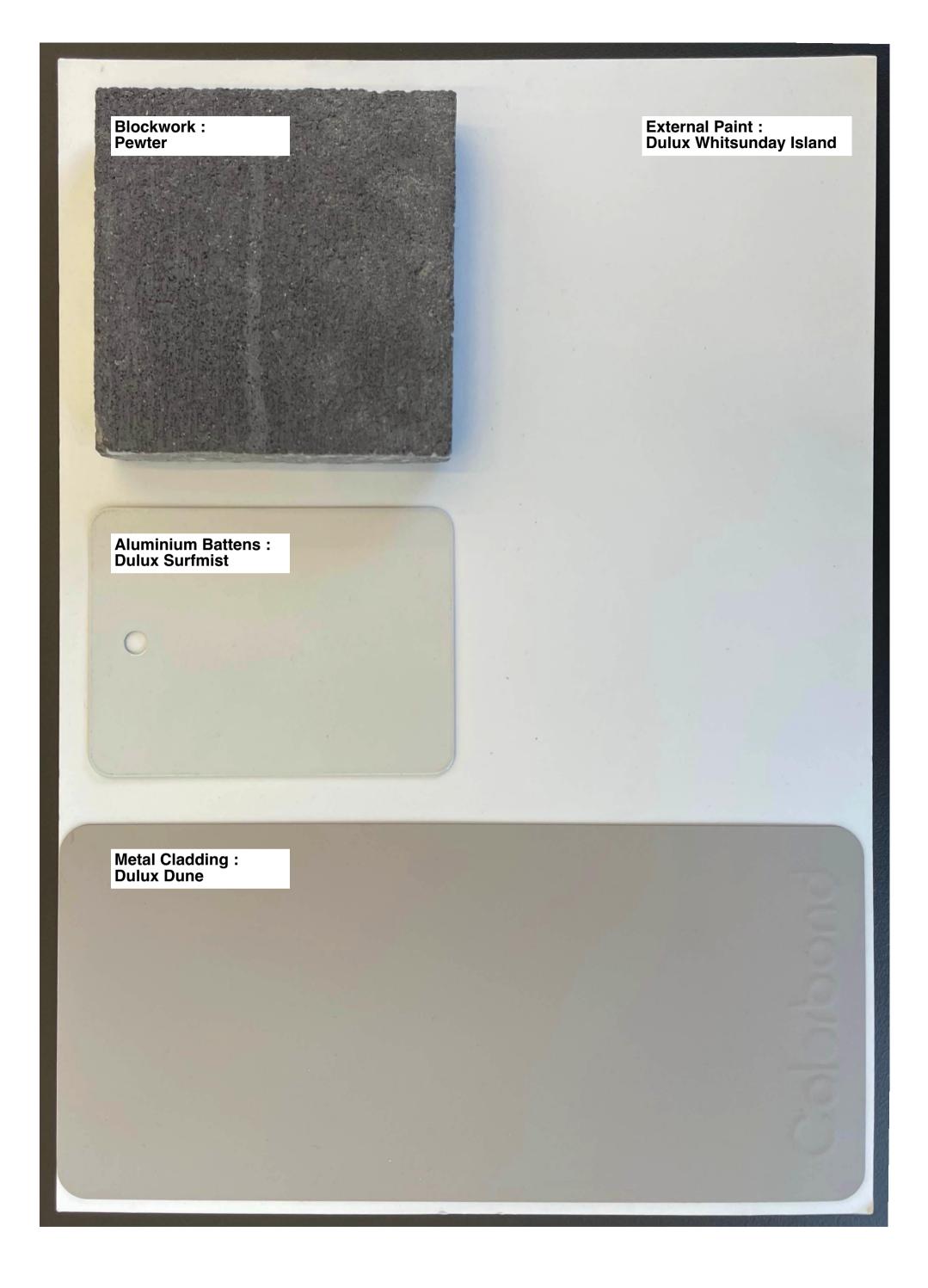
21030

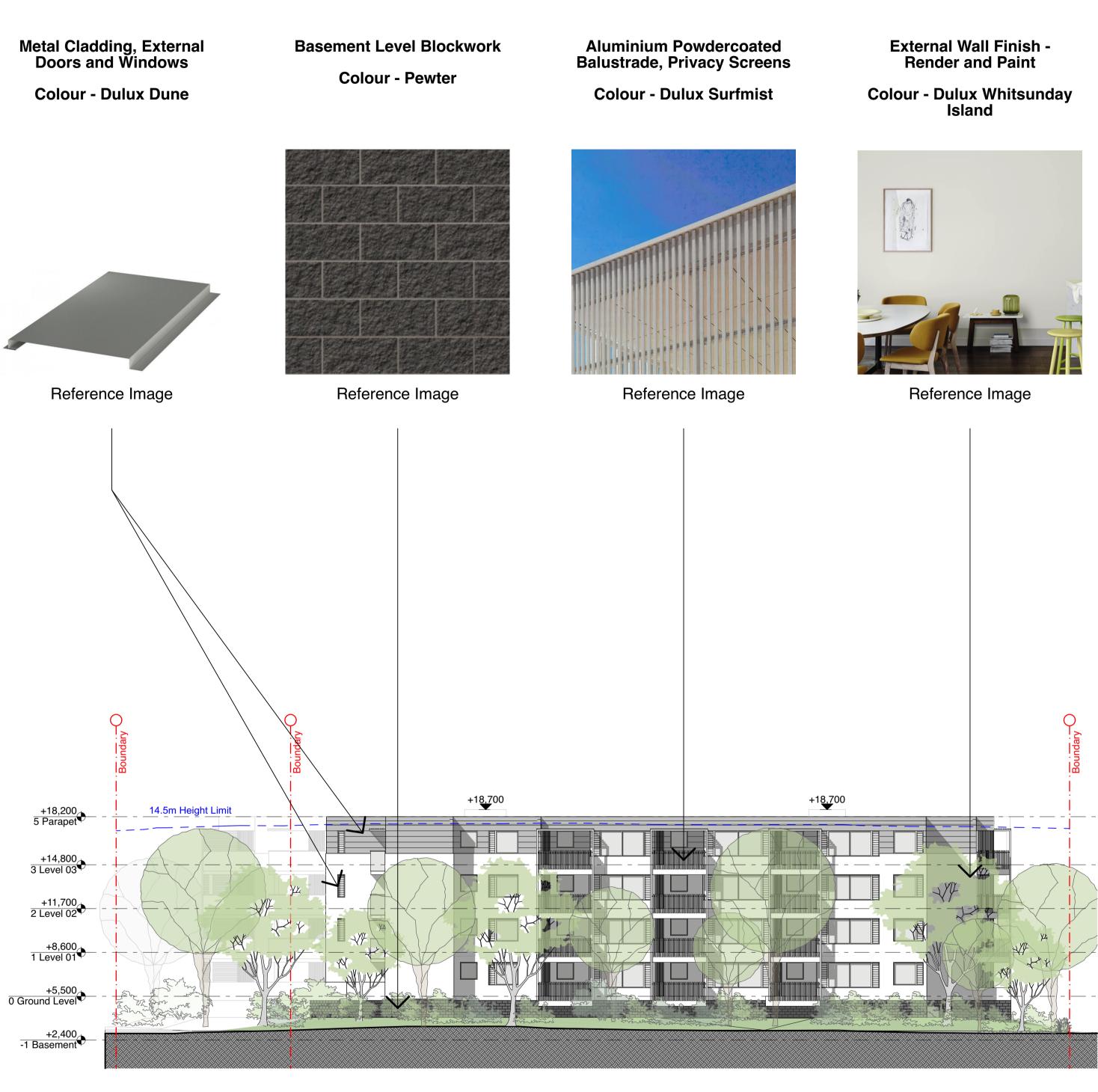
Revision

Α

Drawing No.

A761





West Elevation 1:200 $\left(1\right)$

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General Notes

Drawing Materials and Finishes

Β

Project No. 21030



Perspective view from Baruah Parade

General Notes

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lev	Date
\	4/8/21
3	26/8/21

Issue s34 Issue s34 Issue

Legend

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Architect **BKA Architecture**

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North \bigcirc

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Date 26/8/21

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Scale at A1

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Project Harrington Waters Estate

Drawing Perspective Image

Project No. 21030

Β