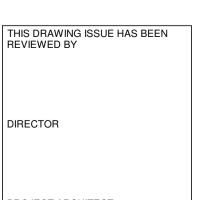


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VISUAI	L SCALE 1	:500 @ A1			

## CLIENT GRAHAM DEVELOPERS

DRAWING TITLE

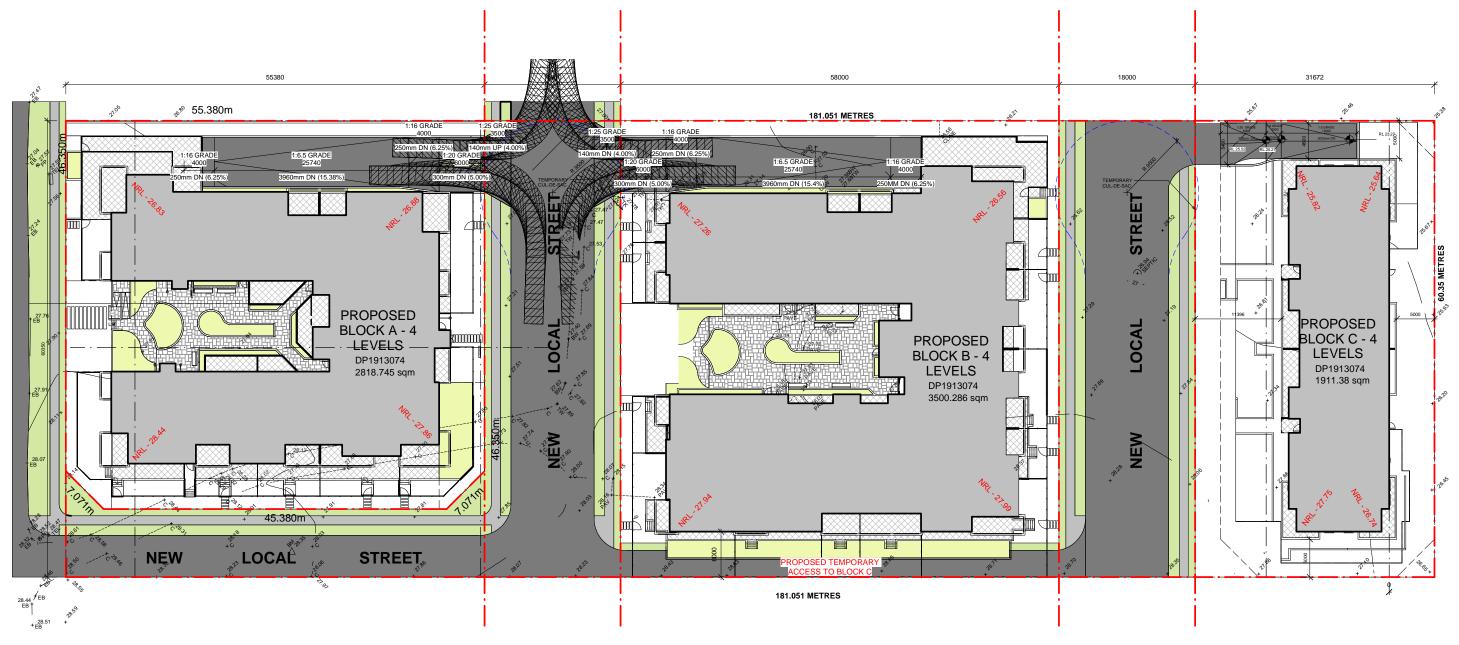
LOCATION PLAN / SITE ANALYSIS

DATE	SCALE @ A1	DRAWN
08/07/16		
PROJECT NUMBER	DRAWING No.	ISSUE
042/15-16	4-6 /4-3	Α

PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING

JS Architects Pty Ltd
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M :61 412 06 06 04
E :info @ jsarchitects.com.au
W :www.jsarchitects.com.au
ABN 70 119 946 575
Nominated Architect: Szymon Ochudzawa (RAIA 6865)











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VISUA	L SCALE 1	:250 @ A1			

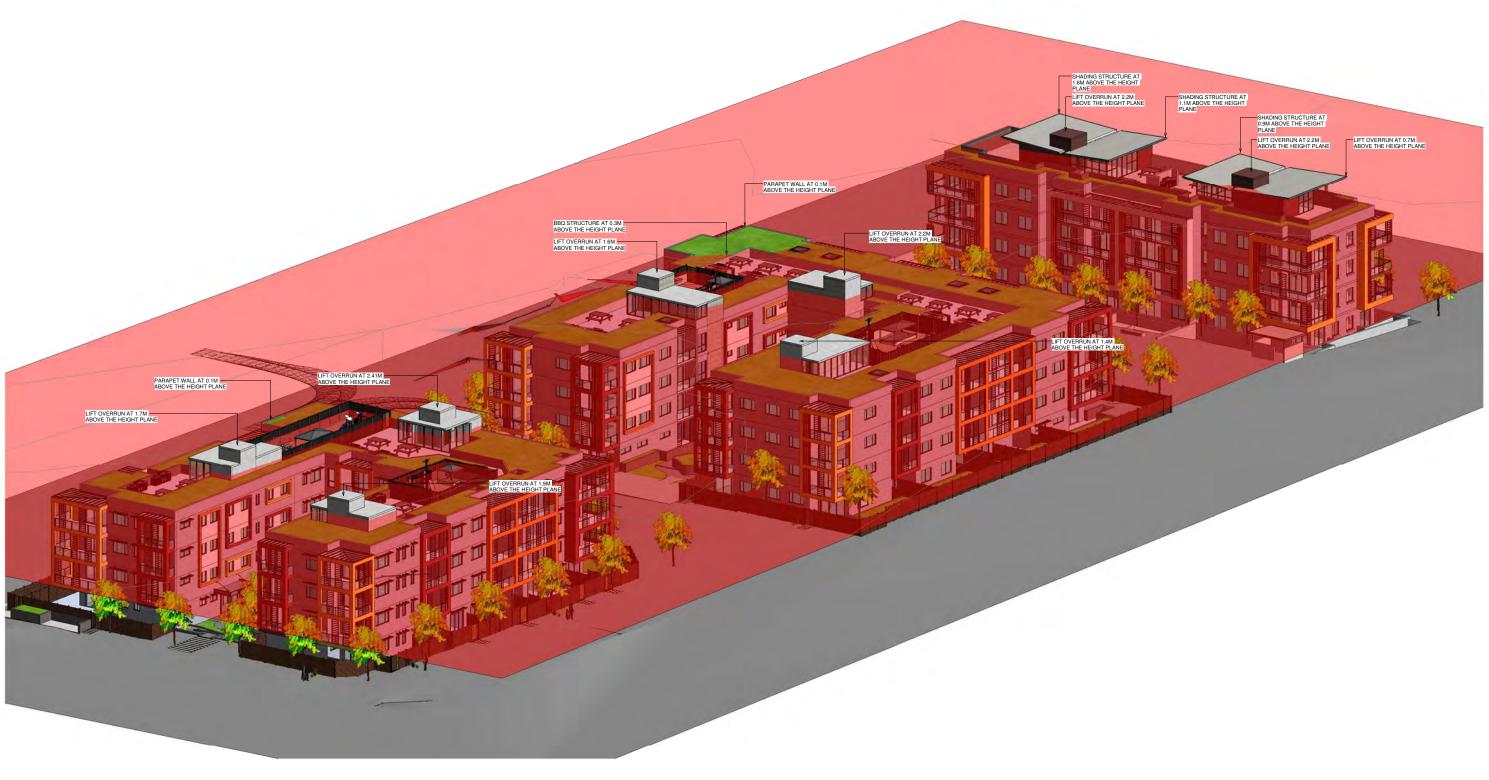
DRAWING TITLE

SITE PLAN/SITE ANALYSIS

PROJECT NUMBER 042/15-16	DRAWING No. 0-1/4-4	ISSUE <b>B</b>
05.09.2018		DR
DATE	SCALE @ A1	DRAWN

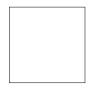
PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING











CLIENT GRAHAM DEVELOPERS

DRAWING TITLE OVERVIEW PERSPECTIVE

DATE 05.09.2018	SCALE @ A1	DRAWN DR
PROJECT NUMBER	DRAWING No.	ISSUE

PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING



181051 181.051 METRES **58.00 METRES 55.38 METRES 31.67 METRES** STREET STREET **60.35 METRES BLOCK A BLOCK B** BLOCK C **60.35 METRES** LOCAL LOCAL TOTAL 1911.38 m<sup>2</sup> TOTAL 2818.745m<sup>2</sup> TOTAL 3500.286 m<sup>2</sup> 45.38 METRES DEDICATED&AREA OF COUNCIL ROAD RESERVE AND VERGE = 2696.017m2 **TEMPORARY 11m ROAD** 31.67 METRES 181.051 METRES **EXSISTING BOUNDARY NEW BOUNDARY** SUBDIVISION / ROAD RESERVE PLAN KERB LINE DEDICATED AREA OF COUNCIL ROAD RESERVE AND VERGE = 2,696.017m<sup>2</sup> 11m TEMPORARY ROAD = 261.00m<sup>2</sup>

VISUAL SCALE 1:250 @ A1

AMENDMENTS

AMMENDED TO COUNCIL LETTER

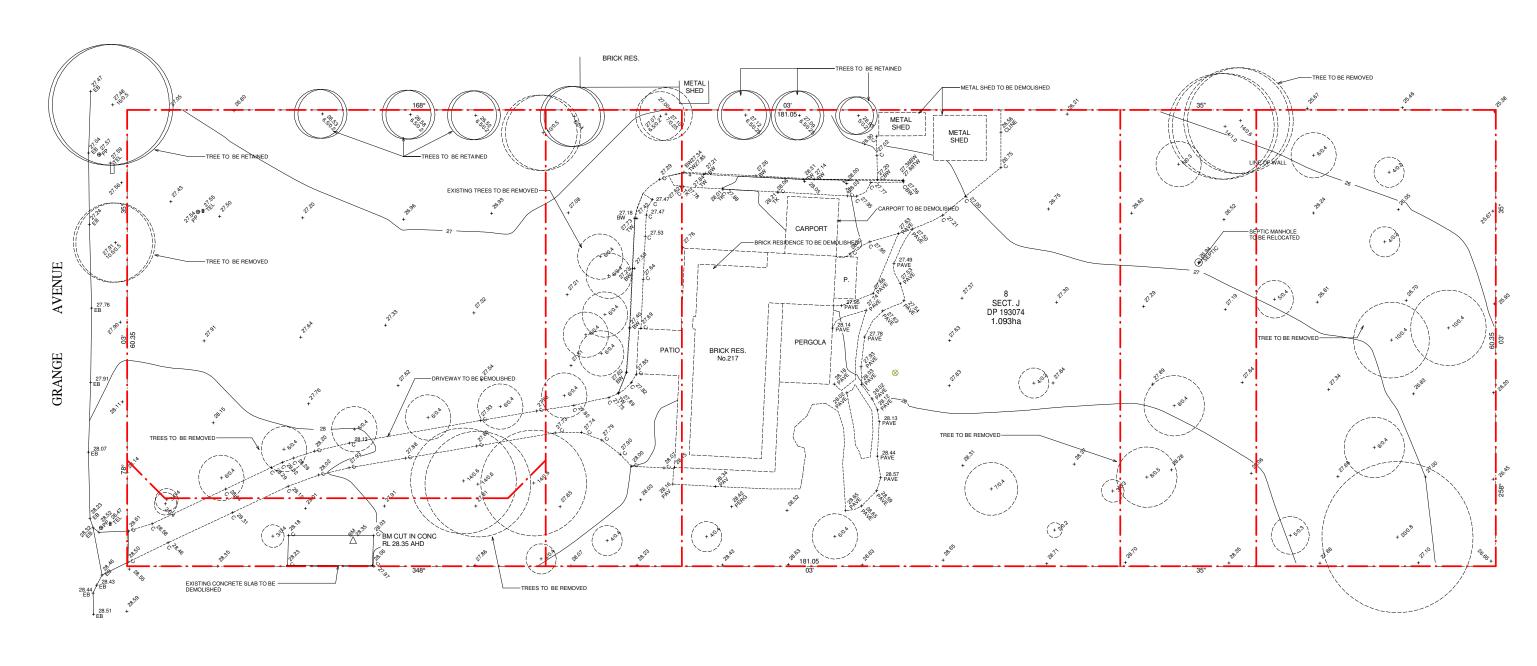
PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING SUBDIVISION / ROAD RESERVE PLAN DRAWN DR PROJECT NUMBER ISSUE **B** 042/15-16 0-3/4-4

CLIENT
GRAHAM DEVELOPERS

DRAWING TITLE

05.09.2018











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VISUAL	SCALE 1:	250 @ A1			<b>—</b>

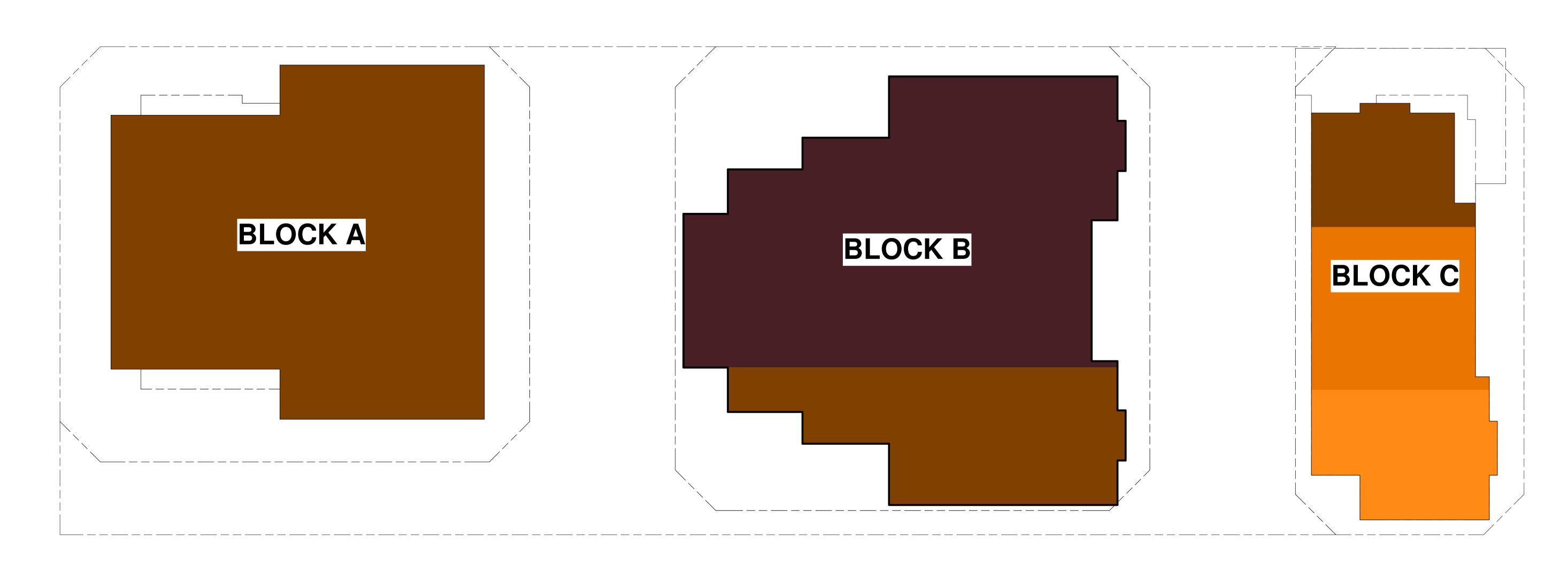
DRAWING TITLE

DEMOLITION PLAN

DATE 05.09.2018	SCALE @ A1	DRAWN DR
PROJECT NUMBER	DRAWING No.	ISSUE
042/15-16	0-4/4-4	В

# PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING







**CUT FILL 5.5 - 6.0M** 



**CUT FILL 6.0 - 6.5M** 



**CUT FILL 6.5 - 7.0** 

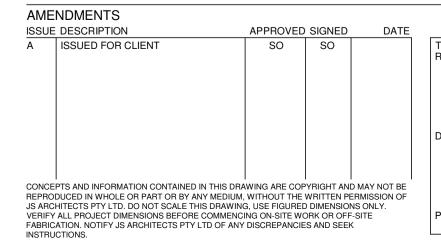


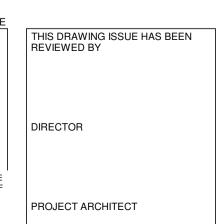
**CUT FILL** 7.0 - 7.5M

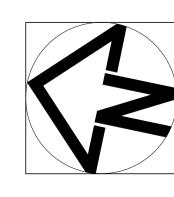


**CUT FILL 7.5 - 8.0M** 









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VISUAI	L SCALE 1	:250 @ A1			

# CLIENT GRAHAM DEVELOPERS

DRAWING TITLE CUT & FILL PLAN

PROJECT NUMBER <b>042/15-16</b>	DRAWING No. 4-5 /4-3	ISSUE
08/07/16		
DATE	SCALE @ A1	DRAWN

PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING

JS Architects Pty Ltd

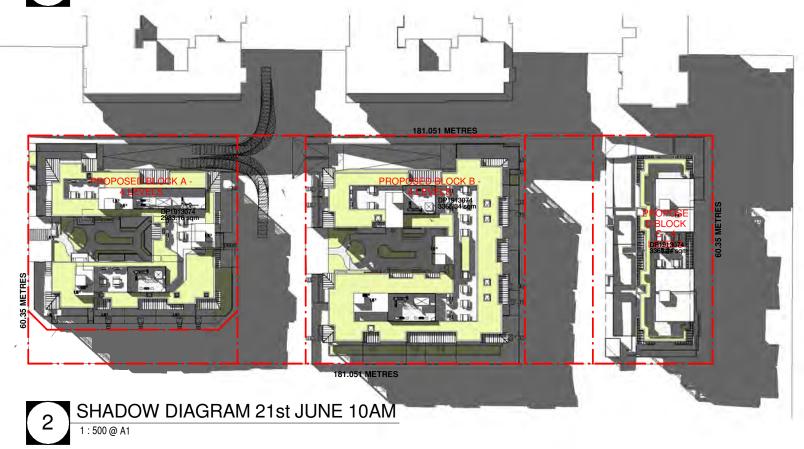
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M :61 412 06 06 04
E :info @ jsarchitects.com.au
W :www.jsarchitects.com.au
ABN 70 119 946 575
Nominated Architect: Szymon Ochudzawa (RAIA 6865)

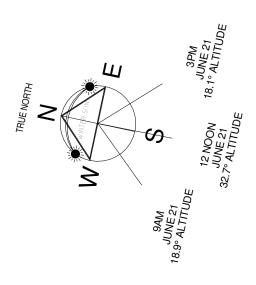
Nominated Architect: Szymon Ochudzawa (RAIA 6865)











SUN ANGLE INFORMATION				
Winter Solstice On June 21st				
TIME	ALTITUDE	AZIMUTH		
8 AM	9.7°	53.1°E OF N		
9 AM	18.9°	42.6°E OF N		
10 AM	26.3°	30.0°E OF N		
11 AM	31.1°	15.3°E OF N		
12 NOON	32.7°	0.8°W OF N		
1 PM	30.8°	16.9°W OF N		
2 PM	25.7°	31.4°W OF N		
3 PM	18.1°	43.7°W OF N		
4 PM	8.7°	54.1°W OF N		

ISSL	IE DESCRIPTION	APPROVED	SIGNED	DATE
A	ISSUED FOR CLIENT	SO	SO	
В	AMMENDED TO COUNCIL LETTER	so	so	05.09.2018

THIS DRAWING ISSUE HAS BEEN REVIEWED BY

DIRECTOR

PROJECT ARCHITECT



0m	10m	20m	30m	40m	50m
VISUAL	SCALE 1:	500 @ A1			

CLIENT GRAHAM DEVELOPERS

DRAWING TITLE
SHADOW DIAGRAMS - 21st JUNE 9-10AM

PROJECT NUMBER

042/15-16

DATE SCALE @ A1 DRAWN 05.09.2018 DR

4-1/4-4

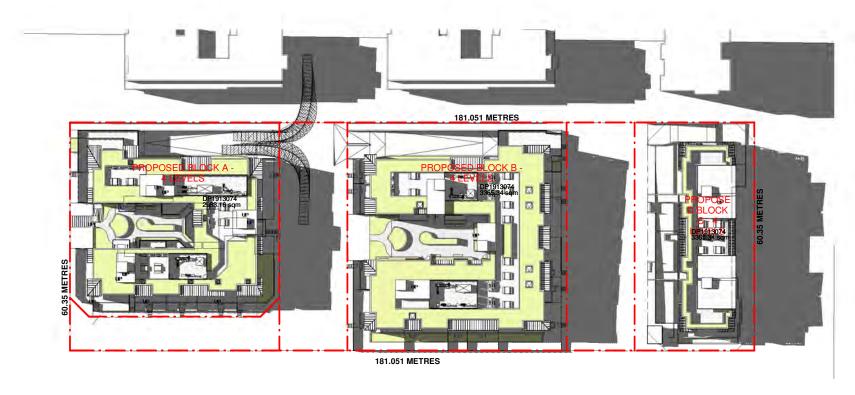
PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING

ISSUE **B** 















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Ĭ					⊐
VISUA	L SCALE 1	:500 @ A1	'	'	

## CLIENT GRAHAM DEVELOPERS

DRAWING TITLE

SHADOW DIAGRAMS - 21st JUNE 11AM-12PM

DATE 05.09.2018	SCALE @ A1	DRAWN DR
PROJECT NUMBER	DRAWING No.	ISSUE
042/15-16	4-2/4-4	В

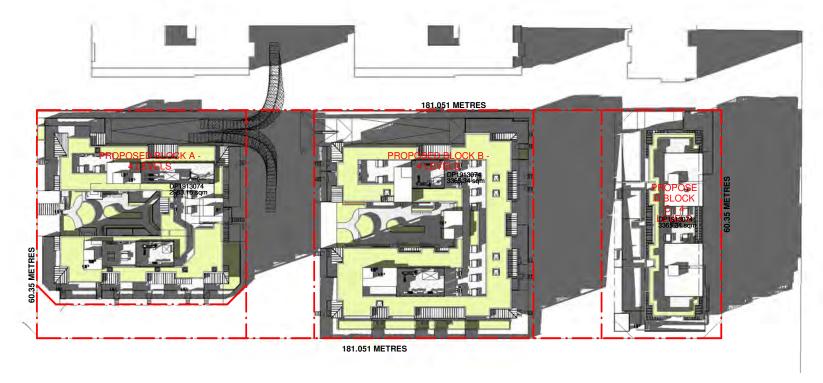
PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING

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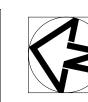






# SHADOW DIAGRAM 21st JUNE 2PM





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## CLIENT GRAHAM DEVELOPERS

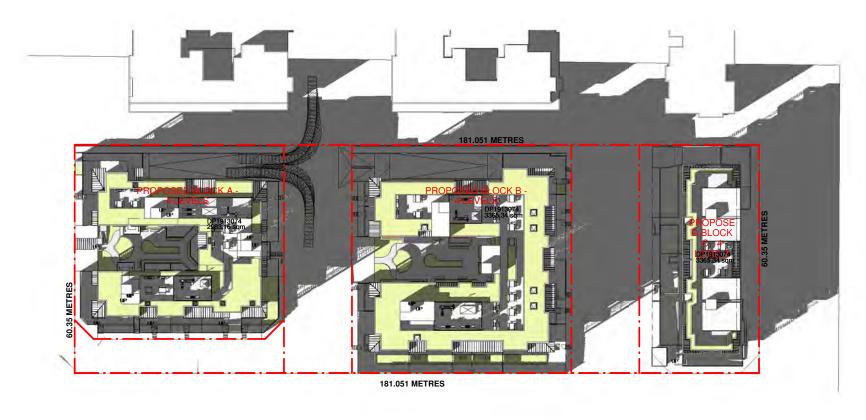
DRAWING TITLE

SHADOW DIAGRAMS - 21st JUNE 1-2PM

PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING

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Awn 70 1194







SSUE	DESCRIPTION	APPROVED	DATE		
٩	ISSUED FOR CLIENT	so	SO		
3	AMMENDED TO COUNCIL LETTER	so	so	05.09.2018	



	0m 10m 20m 30m 40m 50m
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	VISUAL SCALE 1:500 @ A1
1	

CLIENT
GRAHAM DEVELOPERS
DRAWING TITLE

SHADOW DIAGRAMS - 21st JUNE 3PM

DATE	SCALE @ A1	DRAWN
05.09.2018		DR
PROJECT NUMBER	DRAWING No.	ISSUE
042/15-16	4-4/4-4	В

PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING

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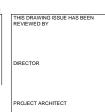
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M :61 412 06 06 04
E :info @ jsarchitects.com.au

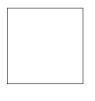






SSU	E DESCRIPTION	APPROVED	SIGNED	DATE
Ą	ISSUED FOR CLIENT	SO	SO	
3	AMMENDED TO COUNCIL LETTER	so	so	05.09.2018





DRAWING TITLE

BLOCK A - PERSPECTIVE

DATE	SCALE @ A1	DRAWN
05.09.2018		DR
PROJECT NUMBER	DRAWING No.	ISSUE
042/15-16	1-0/4-4	В

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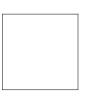


## **BLOCK A**

				ι	JNITS 1-11	(GROUN	ND FLOOF	₹)								UNITS	1-11 (LE	/EL 1-3)				
UNIT NUMBER	UNIT 1	UNIT 2	UNIT 3	UNIT 4	UNIT 5	UNIT 6	UNIT 7	UNIT 8	UNIT 9	UNIT 10	UNIT 11	UNIT 1	UNIT 2	UNIT 3	UNIT 4	UNIT 5	UNIT 6	UNIT 7	UNIT 8	UNIT 9	UNIT 10	UNIT 11
UNIT PER FLOOR	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	3	3	3	3	3	3
TOTAL UNITS						11											33					
AREA PER UNIT (sqm)	92.96	82.89	81.60	66.82	89.64	40.63	84.30	81.38	86.50	81.26	71.11	92.96	82.89	76.83	66.92	89.64	40.63	84.30	81.38	86.50	81.26	75.25
COURTYARD/BALCONY AREA PER UNIT (sqm)	99.88	53.16	12.00	10.16	82.72	21.80	116.23	57.99	53.33	57.89	108.99	27.99	13.52	14.59	12.60	25.21	9.28	32.78	14.59	13.27	13.39	22.52
BALCONY AREA PER FLOORS (sqm)						674.15											599.22					
TOTAL BALCONY AREA (sqm)											1,2	73.37										
ROOF TERRACE AREA (Level 4)											41	7.98										
BEDROOMS	2	2	2	1	2	Studio	2	2	2	2	2	2	2	2	1	2	Studio	2	2	2	2	2
BEDROOMS PER FLOOR						19											57					
UNIT 1 BEDROOMS						1											3					
UNIT 2 BEDROOMS						9											27					
UNIT STUDIO						1											3					
TOTAL BEDROOMS												76										
TOTAL COS REQUIRED (sqm)																			=		704.69	sqm
TOTAL COS PROVIDED (sqm)																			=		105.70	sqm
	ON BALCO	NIES/COUR	TYARD PRO	/IDED		599.55	sqm												=		85.08	%
	MAX 30% (	ON COMPLY	'ING BAL/CO	OURTYARD		211.41	sqm												=		30.00	3   3   3   3   3   3   3   3   3   3
COMMANDAL OPENI CRA CE PROVIDER	ON ROOF TERRACE			412.48	sqm											=	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3					
COMMON OPEN SPACE PROVIDED	MAX 30% (	IIES/COURTYARD PROVIDED 599.55 sqm ON COMPLYING BAL/COURTYARD 211.41 sqm		=		30.00	%															
	ON GROUN	ND LEVEL CC	OURT YARD			331.04	sqm												=		46.98	13.39 22.52  2 2  704.69 sqm 105.70 sqm 85.08 % 30.00 % 58.53 % 30.00 % 46.98 % 40.00 %  44.00 CP 51.00 CP 51.00 CP 8.80 CP 9.00 CP 4.40 CP 5.00 CP 14.67 BP 16.00 BP 52.80 CP 60.00 CP
	MIN 40% C	ON COMPLY	ING GROUN	ID LEVEL		281.87	sqm												=		40.00	%
LORDY/FOVED ADEA (com)					GRO	OUND FLO	OR										LEVEL 1-3	3				
LOBBY/FOYER AREA (sqm)						91.67 sqm											274.78 sqr	n				
RESIDENTIAL PARKING REQUIRED	1 space pe	r dwelling p	olus 0.5 spa	ces per 3 or	more bedro	om dwellir	ng												=		44.00	СР
RESIDENTIAL CAR SPACES PROVIDED																			=		51.00	СР
VISITOR CAR SPACES REQUIRED	1 visitor ca	ar parking s	pace per 5 a	partments															=		8.80	СР
VISITOR CAR SPACES PROVIDED																			=		9.00	СР
DISABLE PARKING SPACE REQUIRED	10% OFF TO	OTAL RESID	ENTIAL																=		4.40	СР
DISABLE PARKING SPACE PROVIDED																			=		5.00	СР
BICYCLE PARKING SPACE REQUIRED	1 per 3 dw	ellings																	=		14.67	ВР
BICYCLE PARKING SPACE PROVIDED																			=		16.00	ВР
TOTAL CAR SPACES REQUIRED																			=		52.80	СР
TOTAL CAR SPACES PROVIDED																			=		60.00	СР
SITE AREA																			=		2,818.75	sqm
DEEP SOIL REQUIRED	15.00%	OF SITE PL	AN																=		422.81	sqm
DEEP SOIL PROVIDED	24.99%	OF SITE PL	AN																=		704.34	sqm
DEEP SOIL REQUIRED (6m x 6m)	7.00%	OF SITE PL	AN																=		197.31	sqm
DEEP SOIL PROVIDED (6m x 6m)	10.83%	OF SITE PL	AN																=		305.17	sqm



THIS DRAWING ISSUE HAS BEEN REVIEWED BY



CLIENT GRAHAM DEVELOPERS DRAWING TITLE

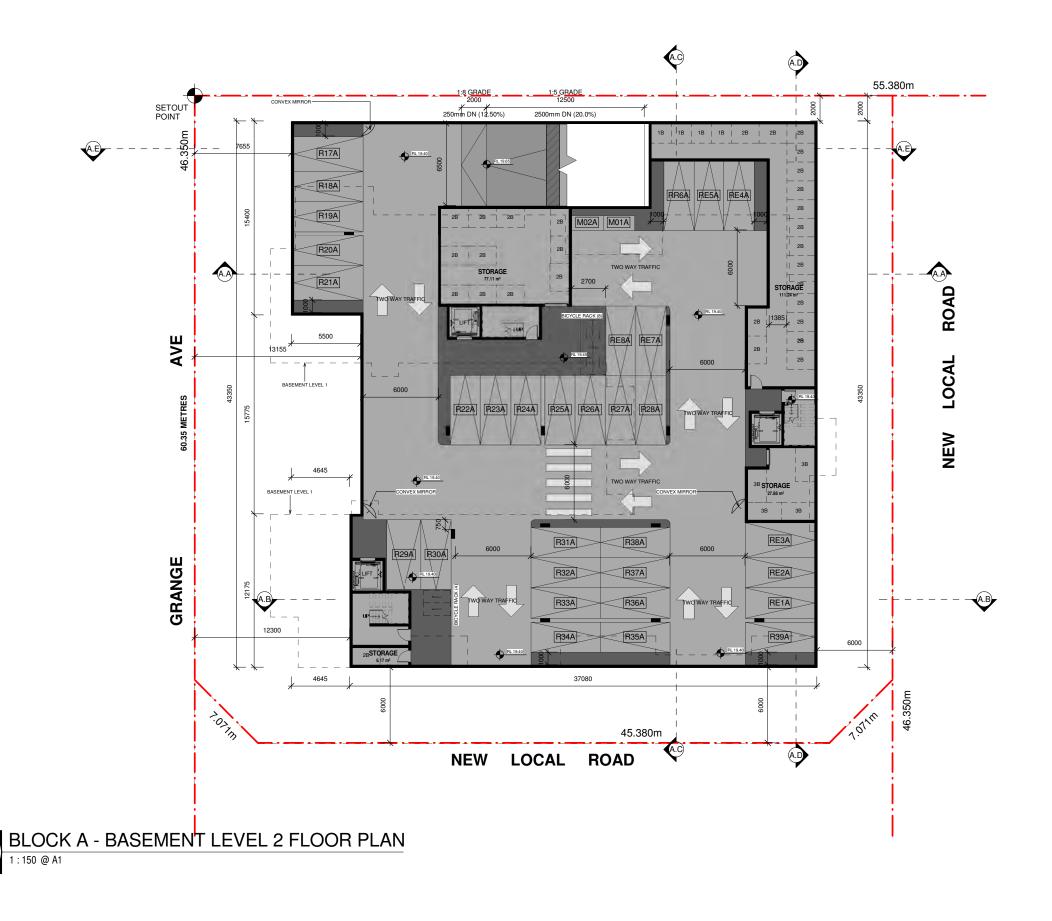
BLOCK A - CALCULATION DATA TABLE

DATE 05.09.2018	SCALE @ A1	DRAWN
042/15-16	DRAWING No. 1-1 /4-4	ISSUE <b>B</b>

PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING

Suite 4.04 Level 4, No: 5 Celebration Drive BELLA VISTA - NSW 2153 Australia T : 512 8814-6991 FAX: 61 2 8814-6992 M : 51 412 0.6 0 6 M E : info @ jsarchilects.com.au W : www.jsarchilects.com.com.au / info w info











0m	3m	6m	9m	12m	15m
VISUAI	SCALE 1	:150 @ A	1		

DRAWING TITLE

BLOCK A - BASEMENT PLAN LEVEL 2

PROJECT NUMBER 042/15-16	DRAWING No. 1-2/4-4	ISSUE <b>B</b>
05.09.2018		DR
DATE	SCALE @ A1	DRAWN

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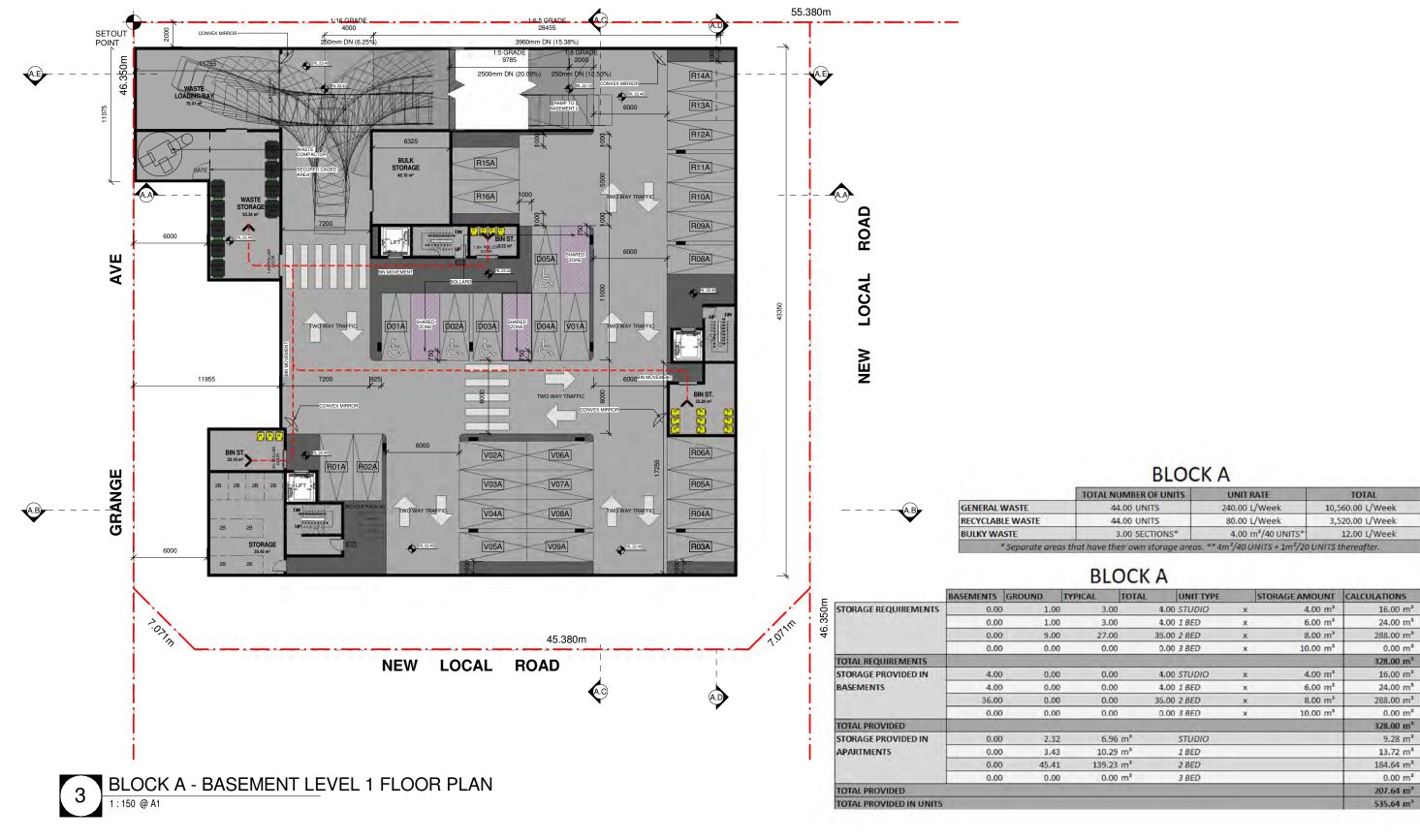
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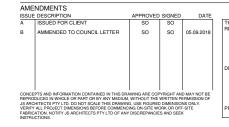
Moninated Architect. Sigmon Obdytews (7841)\* \*\*Energy\*\*

Moninated Architects. Sigmon Obdytews (7841)\*

Moninated Architects. Sigmon Obdytews (7841)











0m	3m	6m	9m	12m	15m
VISUAL	SCALE 1:	:150 @ A	1		<del></del>

DRAWING TITLE

BLOCK A - BASEMENT PLAN LEVEL 1

DATE 05.09.2018	SCALE @ A1	DRAWN DR
PROJECT NUMBER <b>042/15-16</b>	DRAWING No. 1-3/4-4	ISSUE <b>B</b>

PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING

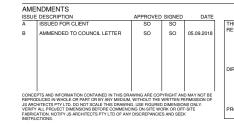
JS Architects Pty Ltd

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M :61 412 06 06 04
E :info @ |sarchitects.com.au
ABN 70 119 486 75













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VISUA	AL SCALE 1	:150 @ A	1	·	·

DRAWING TITLE

BLOCK A - GROUND FLOOR PLAN

PROJECT NUMBER	DRAWING No. 1-4/4-4	ISSUE <b>R</b>
05.09.2018		DR
DATE	SCALE @ A1	DRAWN

PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING

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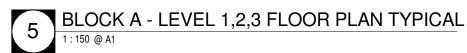
Sulte 4.04, Level 4, No.5 Celebration Drive
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E info @ jarchitects.com.au

kBN 70 119 446 575
Monitade Architects.Sigmon Odevirees (PML) and Allondon All











## CLIENT GRAHAM DEVELOPERS

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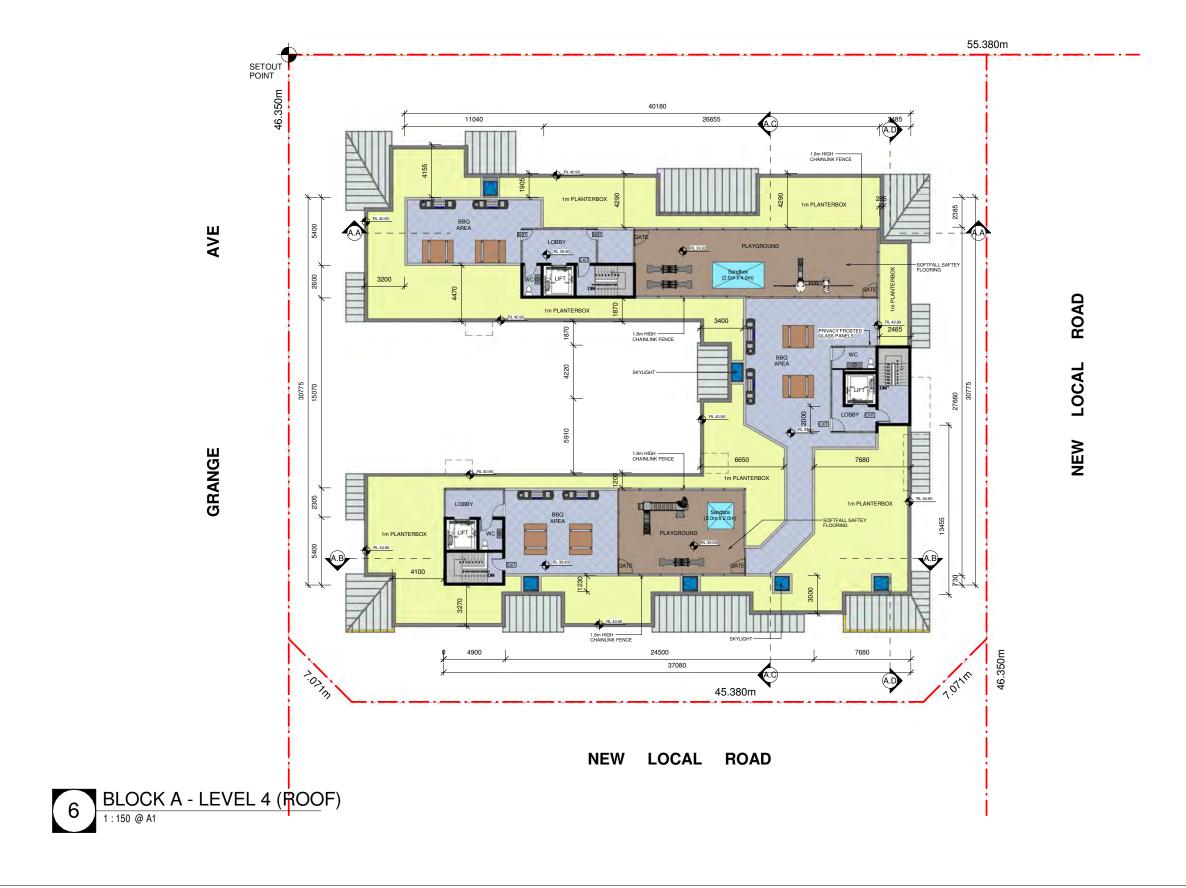
BLOCK A - LEVEL 1,2,3 FLOOR PLAN TYPICAL

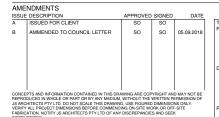
PROJECT NUMBER <b>042/15-16</b>	DRAWING No. 1-5/4-4	ISSUE <b>B</b>
05.09.2018		DR
DATE	SCALE @ A1	DRAWN

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0m	3m	6m	9m	12m	15m
VISUA	L SCALE 1	:150 @ A	1		<del></del>

CLIENT GRAHAM DEVELOPERS

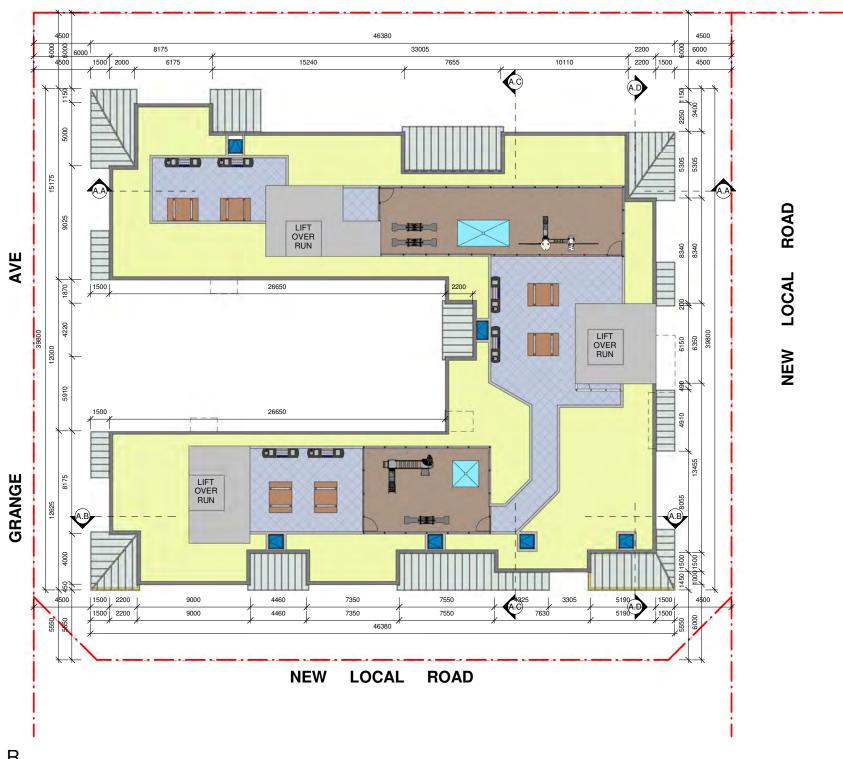
DRAWING TITLE

BLOCK A - ROOF TERRACE FLOOR PLAN

PROJECT NUMBER 042/15-16	DRAWING No. 1-6/4-4	ISSUE <b>B</b>
05.09.2018		DR
DATE	SCALE @ A1	DRAWN

PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING



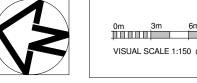


BLOCK A - LEVEL R

A ISSUED FOR CLIENT AMMENDED TO COUNCIL LETTER

AMENDMENTS





0m 3m 6m VISUAL SCALE 1:150 @ A1

CLIENT GRAHAM DEVELOPERS

DRAWING TITLE

BLOCK A - ROOF PLAN

PROJECT NUMBER <b>042/15-16</b>	DRAWING No. 1-7/4-4	ISSUE <b>B</b>
05.09.2018		DR
DATE	SCALE @ A1	DRAWN

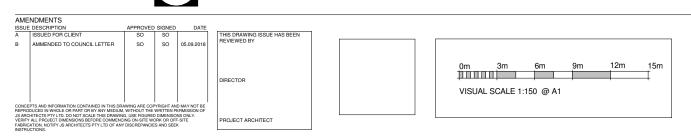
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DRAWING TITLE

BLOCK A - NORTH/EAST ELEVATION

DATE 05.09.2018	SCALE @ A1	DRAWN DR
PROJECT NUMBER <b>042/15-16</b>	DRAWING No. 1-8/4-4	ISSUE <b>B</b>

PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING

JS Architects Pty Ltd

IS ACTITIECTS FTY LIU

With 4.04, Level 4, No. 5 Celebration Drive

ELLA VISTA ~ NSW 2153 Australia

16.1 2 8814-6991 FAX: 61 2 8814-6992

17.1 2 8914-6992

18.1 10 @ jsarchitects.com.au

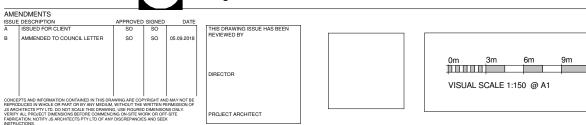
W.xww.jsarchitects.com.au

BN 70 119 946 575









DRAWING TITLE

BLOCK A - SOUTH/WEST ELEVATION

PROJECT NUMBER <b>042/15-16</b>	DRAWING No. 1-9/4-4	ISSUE <b>B</b>
05.09.2018		DR
DATE	SCALE @ A1	DRAWN

# PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING

JS Architects Pty Ltd

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Wawwijsarchitects.com.au

18/17 01 1948 575
omnaad kritenteet Stymon Orbanders











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VISUA	L SCALE 1	:150 @ A1			<del></del>

## CLIENT GRAHAM DEVELOPERS

DRAWING TITLE

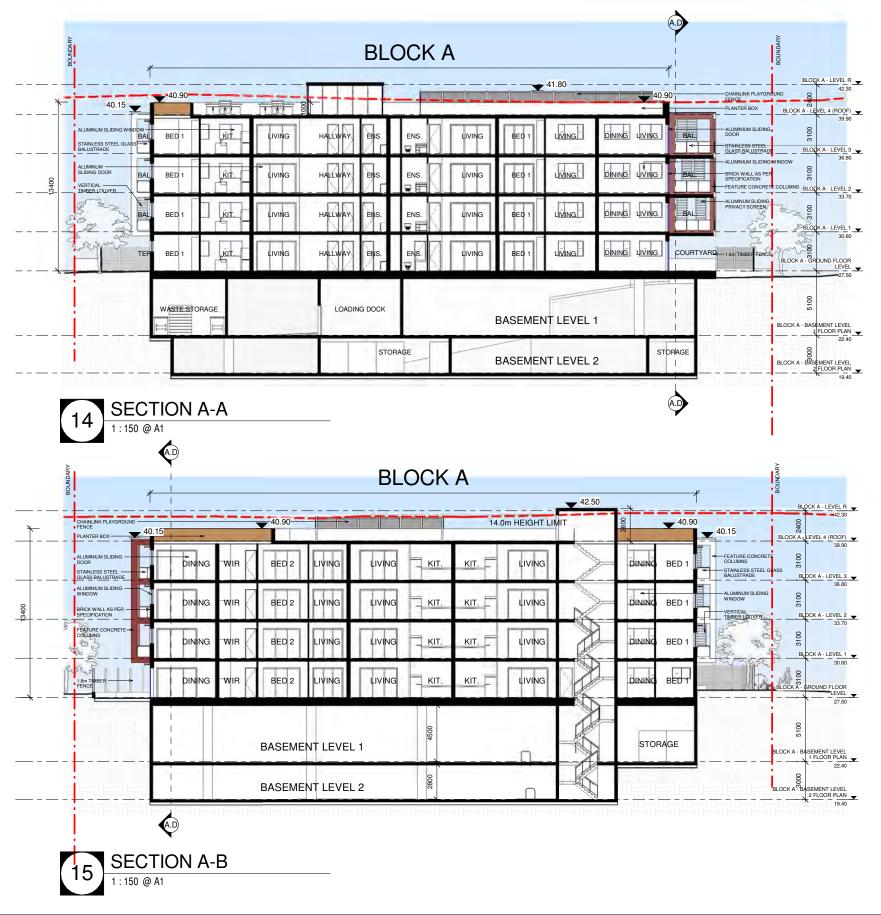
BLOCK A - INNER EAST/WEST ELEVATION

DATE 05.09.2018	SCALE @ A1	DRAWN DR
PROJECT NUMBER	DRAWING No.	ISSUE
042/15-16	1-10/4-4	В

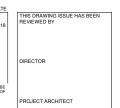
# PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING

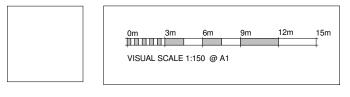
JS Architects Pty Ltd
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W .www.isarchitects.com.au
ANY 70119 846455











DRAWING TITLE
BLOCK A - SECTION A.A-A.B

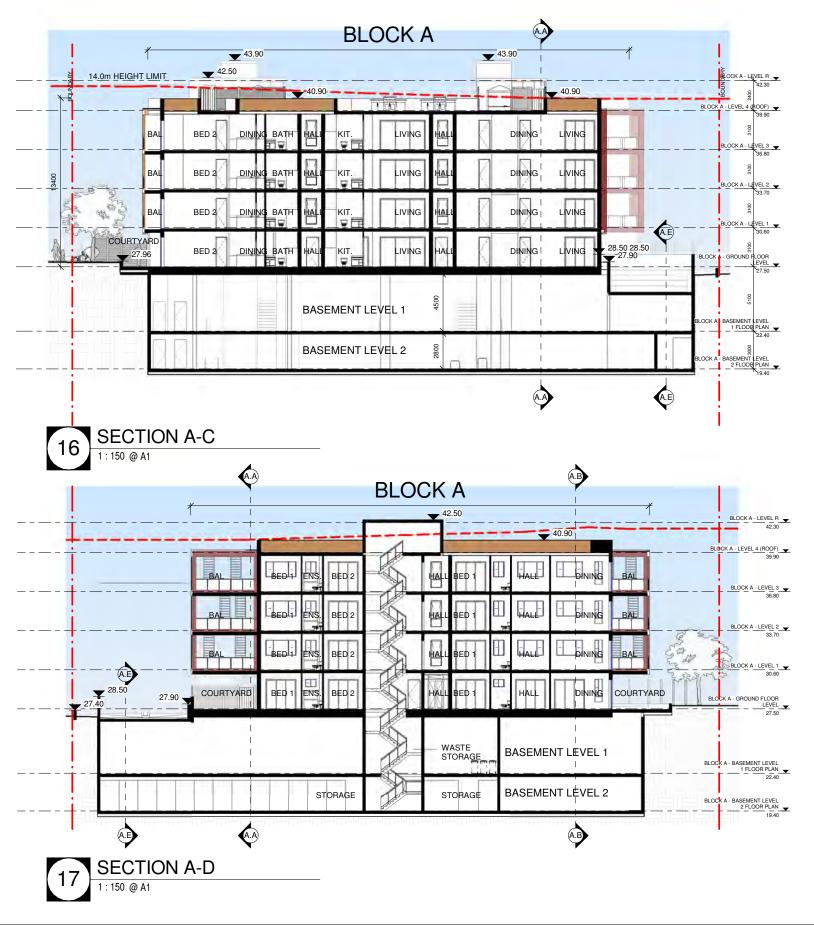
PROJECT NUMBER	DRAWING No.	ISSUE
DATE 05.09.2018	SCALE @ A1	DRAWN DR

PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING

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W www.jsarchitects.com.au







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CLIENT
GRAHAM DEVELOPERS

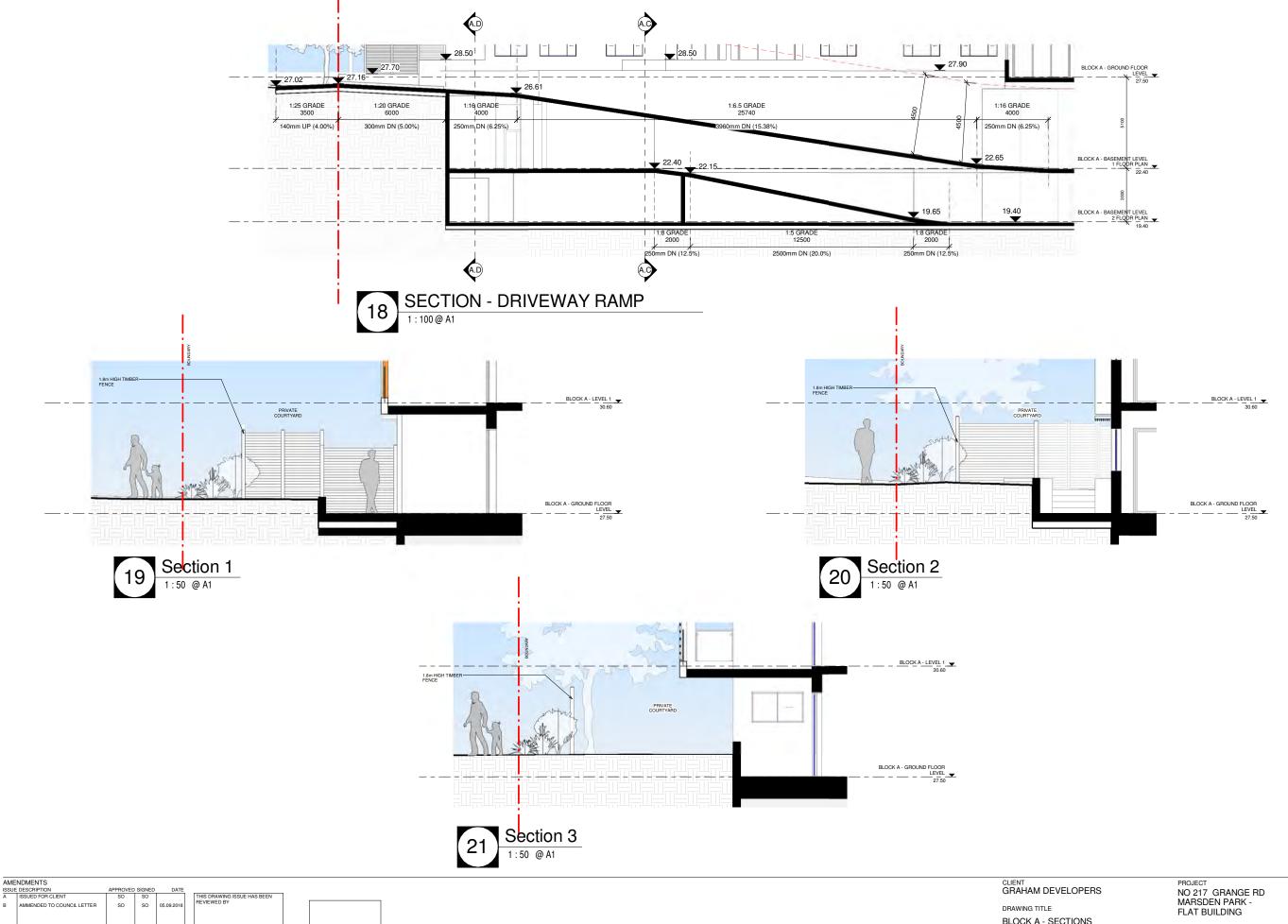
DRAWING TITLE

BLOCK A - SECTION A.C-A.D

DATE 05.09.2018	SCALE @ A1	DRAWN DR
PROJECT NUMBER	DRAWING No.	ISSUE
042/15-16	1-12/4-4	В

NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING





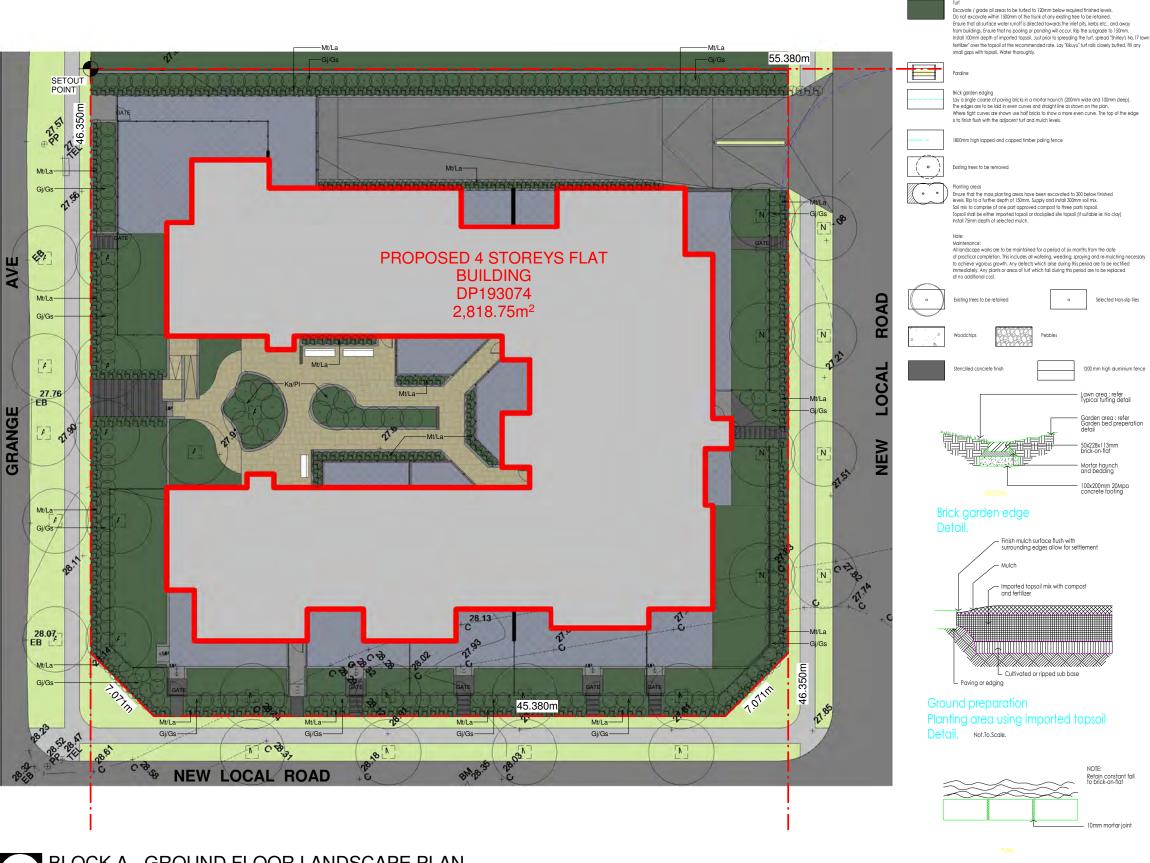
A ISSUED FOR CLIENT AMMENDED TO COUNCIL LETTER

BLOCK A - SECTIONS

PROJECT NUMBER <b>042/15-16</b>	DRAWING No. 1-13/4-4	ISSUE <b>B</b>
05.09.2018		DR
DATE	SCALE @ A1	DRAWN

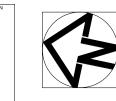
JS Architects Pty Ltd
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## BLOCK A - GROUND FLOOR LANDSCAPE PLAN 1:150 @ A1



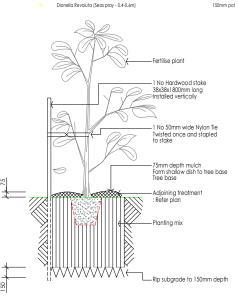


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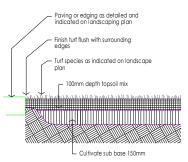
### PLANT SCHEDULE

Code Latin Name (Common Name - Mature Height)

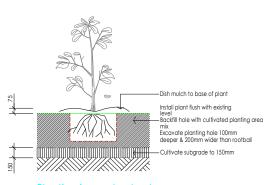




15 - 35 litre Tree planting Detail. Not.To.Scale.



Ground preparation Grassed area: turf using imported topsoil Detail. Not.To.Scale.



Planting in garden beds Detail. Not.To.Scale.

GRAHAM DEVELOPERS

LANDSCAPE PLAN

**LEGEND** 

DRAWING TITLE BLOCK A - GROUND FLOOR

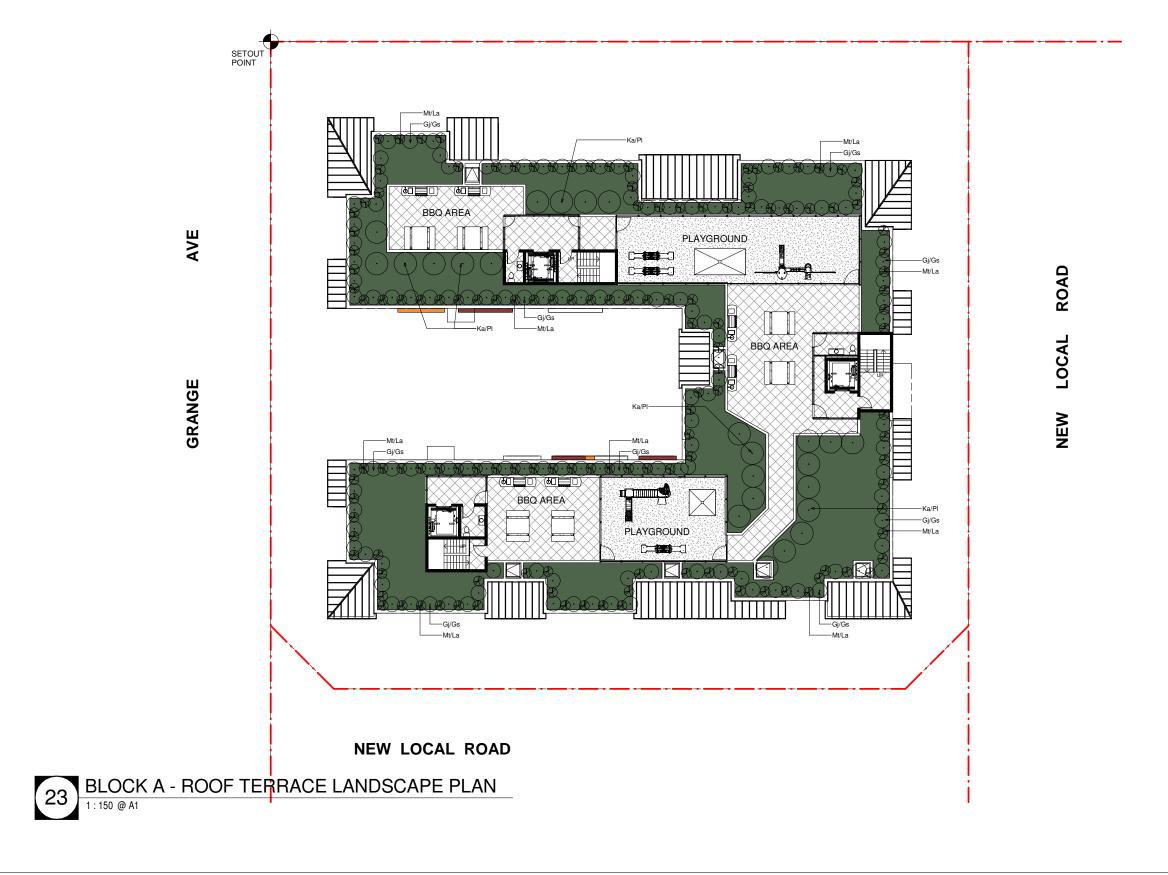
PROJECT NUMBER	DRAWING No. 1-14/4-4	ISSUE
05.09.2018		DR
DATE	SCALE @ A1	DRAWN

PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING

JS Architects Pty Ltd

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CLIENT GRAHAM DEVELOPERS

DRAWING TITLE

BLOCK A - ROOF TERRACE LANDSCAPE PLAN

DATE	SCALE @ A1	DRAWN
05.09.2018		DR
PROJECT NUMBER	DRAWING No. 1-15/4-4	ISSUE <b>B</b>

PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING

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ANY 0.1194





# 3D OVERVIEW BLOCK A

### **LEGEND**

MATERIAL SCHEDULE

- AFS CONCRETE PAINTED PANEL (DULUX SOFTSUN)
- ALUM GREY PANEL PRIVACY SLIDING SCREENS (WHITE)
- AFS CONCRETE PAINTED PANEL (DULUX QUINCE PASTE)
- AFS CONCRETE PAINTED PANEL (WHITE)
- FACE BRICK PAINTED (DULUX -CANYON CLOUD)

- ALUM GREY PANEL LOUVERS
- FROSTED SAFETY GLAZING BALUSTRADE
- AFS CONCRETE PAINTED PANEL (DULUX EXTREME RED)
- ALUM PERGOLA PAINTED GREY

ISSU	E DESCRIPTION	APPROVED	SIGNED	DATE
A	ISSUED FOR CLIENT	SO	SO	
В	AMMENDED TO COUNCIL LETTER	so	so	05.09.2018





DRAWING TITLE

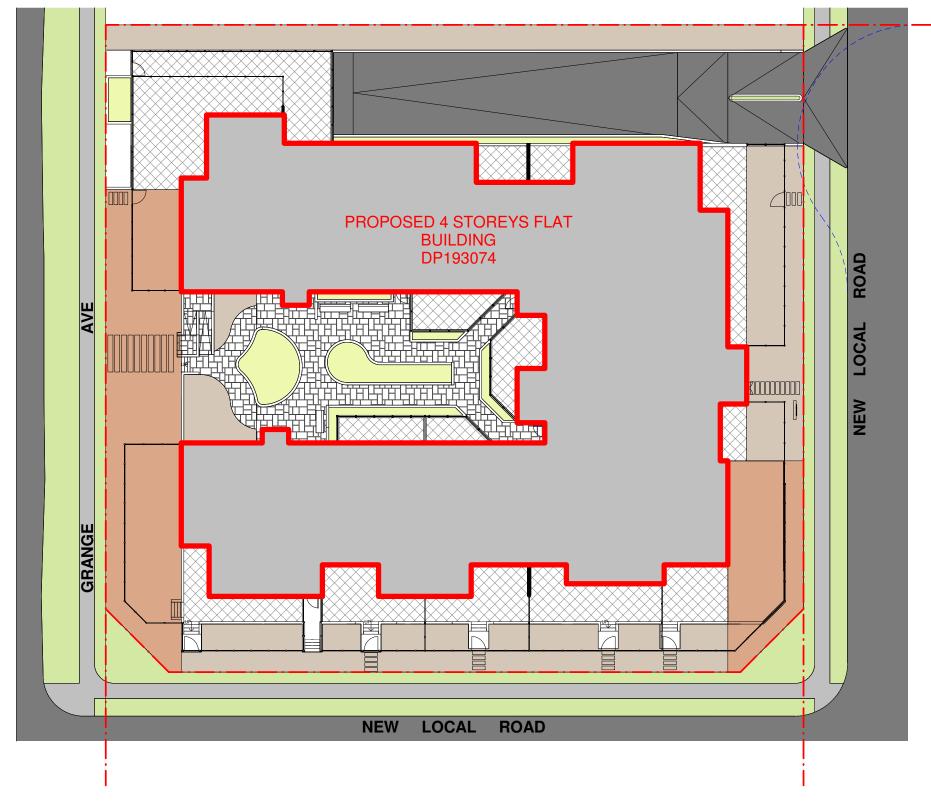
BLOCK A - MATERIALS & FINISHES SCHEDULE

PROJECT NUMBER	DRAWING No.	ISSUE
DATE 05.09.2018	SCALE @ A1	DRAWN DR

PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING







BLOCK A - GF DEEPSOIL DIAGRAM

# AMENDMENTS ISSUE DESCRIPTION A ISSUED FOR CLIENT AMMENDED TO COUNCIL LETTER





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#### LOT 1 DEEP SOIL CALCULATION

SITE AREA: 2,818.75 sqm

BLACKTOWN COUNCIL REQUIREMENT MINIMUM REQUIRED DEEPSOIL: 422.81 sqm (15.00%) PROPOSED DEEPSOIL AREA: 704.34 sqm (24.99%)

ADG REQUIREMENTS SITE AREA WITH MINDIMENSION OF 6m REQUIRED: 197.31 sqm (7.00%) PROPOSED: 305.17 sqm (10.83%)

DEEP SOIL AREA



DEEP SOIL AREA (6m x 6m)

CLIENT GRAHAM DEVELOPERS

DRAWING TITLE BLOCK A - DEEP SOIL DIAGRAM

DATE	SCALE @ A1	DRAWN
05.09.2018		DR
PROJECT NUMBER	DRAWING No.	ISSUE
042/15-16	1-16/4-4	В

NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING











BLOCK A - SOLAR ACCESS															
FLOORS	GROUND FLOOR	GROUND FLOOR 1ST FLOOR 2ND FLOOR 3RD FLOOR TOTAL UNITS													
STUDIO	1	1 1 1 4													
1 BED	1 1 1 1 4														
2 BED	5	5 5 5 9 24													
TOTAL PER FLOOR	7 7 7 11 32														
32 UNITS = 72.73%															
MINIMUM REQUIRED = 70.00%															
	Í	NOTES: UNITS MA	ARKED IN RED A		-3 HOURS SOLAR I THE 21 ST JUNE										

A ISSUED FOR CLIENT SO SO B AMMENDED TO COUNCIL LETTER SO SO OR	DATE
B AMMENDED TO COUNCIL LETTER SO SO 05	
	i.09.2018
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VISUA	L SCALE 1	:150 @ A1	1		<b>—</b>

DRAWING TITLE

BLOCK A - SOLAR ACCESS DIAGRAM

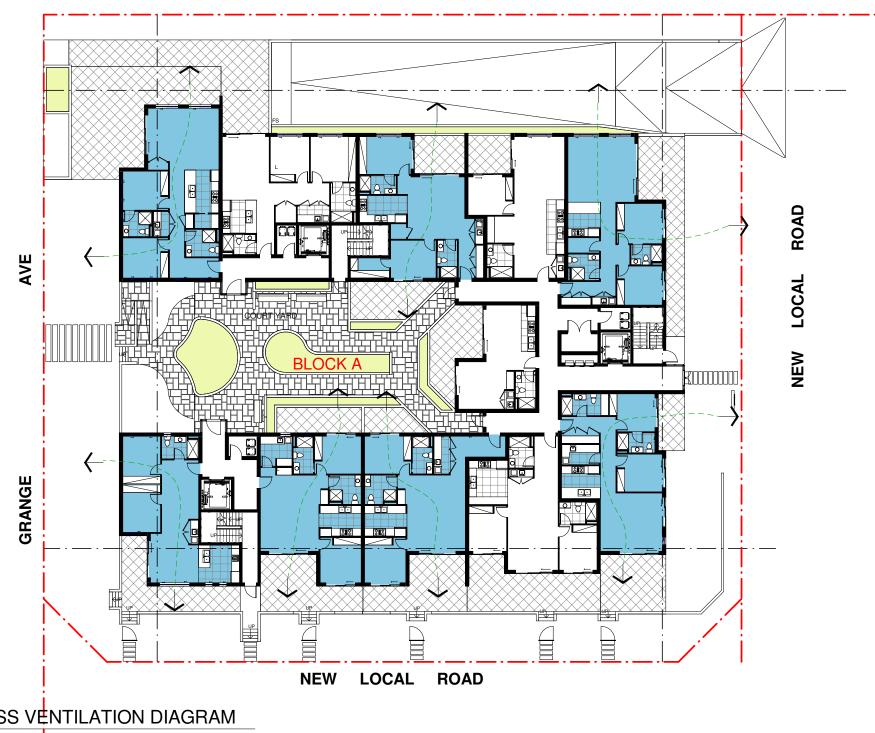
DATE 05.09.2018	SCALE @ A1	DRAWN
PROJECT NUMBER <b>042/15-16</b>	DRAWING No. 1-17/4-4	ISSUE <b>B</b>

PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING

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ISSU	E DESCRIPTION	APPROVED	SIGNED	DATE
A	ISSUED FOR CLIENT	SO	SO	
В	AMMENDED TO COUNCIL LETTER	so	so	05.09.2018



VISUAL SCALE 1:150 @ A1	0m	3m	6m	9m	12m	15m
	VISUA	AL SCALE 1	:150 @ A	1		

CLIENT GRAHAM DEVELOPERS

DRAWING TITLE

BLOCK A - CROSS VENTILATION DIAGRAM

			Si
DATE	SCALE @ A1	DRAWN	Т
05.09.2018		DR	M E
PROJECT NUMBER	DRAWING No.	ISSUE	V
042/15-16	1-18/4-4	В	No

PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING

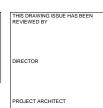
JS Architects Pty Ltd
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M .61 412 06 06 04
in 09, jaarchitects.com.au
www.ysarchitects.com.au
ABN 70 11948





# 1 BLOCK B - PERSPECTIVE

SSU	E DESCRIPTION	APPROVED	SIGNED	DATE
A	ISSUED FOR CLIENT	so	SO	
В	AMMENDED TO COUNCIL LETTER	so	so	05.09.2018



## CLIENT GRAHAM DEVELOPERS

DRAWING TITLE

BLOCK B - PERSPECTIVE

PROJECT NUMBER	DRAWING No. 2-0/4-4	ISSUE R
05.09.2018		DR
DATE	SCALE @ A1	DRAWN

PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING

JS Architects Pty Ltd
Suite 4.04, Level 4, No: 5 Celebration D
BELLA VISTA – NSW 2153 Australia
T :611 28814-6991 FAX: 61 2 8814M :61 412 06 06 04
E :nifo @ jaarchitects.com.au
www.ysarchitects.com.au
awn 70 119946-75



									BLO	СКВ															
	UNITS 1-16 (GROUND FLOOR) UNITS 1-16 (LEVEL 1-3)																								
UNIT NUMBER	UNIT1 UNIT2 UNIT3 UNIT4 UNIT5	UNIT 6 UNIT 7	UNITS	OL TINU PTIN	UNIT 11	UNIT 12 U	JINIT 13	UNIT 14 UNIT	15 UNIT 1	6 UNIT	1 UNIT 2	UNITS	UNIT 4	UNITS	UNIT 6	UNIT 7	UNITS	UNIT 9	UNITIO	UNIT 11	UNIT 12	UNIT 13	UNIT 14	UNIT 15	UNIT 16
UNIT PER FLOOR	1 1 1 1 1	4 4	-1	1 1	1	1-1-1	-1	1 1	1	3	3	3	a	3	3	3	3	3	3	3	3	3	3	3	-3
TOTALUNITS			16				-											48							
AREA PER UNIT (sqm)	75.36 52.77 43.05 87.98 91.51	86,26 54.26	95.54 9	5.43 54.31	86.20	107.40	95.75	77.13 72.0	70.22	75.17	52,77	43.05	86.51	91.51	86.26	54.26	95.5E	95.43	54.31	86,20	107,40	95.75	77.13	76.72	76.35
BALCONY AREA PER UNIT (sqm)	21.86 25.98 15.95 18.82 12.82	101.76 16.82	19.89 1	9.89 16.59	16.68	30.79	22.68	18.13 15.4	0 24.76	16.03	12.55	5.00	12.51	12,61	14.42	8.93	19.08	19.08	8.93	17.64	27.61	21.20	12.26	13.78	12.33
BALCONY AREA PER FLOORS (sqm)			398.82													-		01.88							
TOTAL BALCONY AREA (sqm)									1.1	00.70															
ROOF TERRACE AREA (Level 4)									- 100	9.86					-					_					
BEDROOMS	2 2 1 2 2	2 1	2	2 1	2	1	3	2 2	_	-	1	1	2	2	2	1	2	2	1	1	2	3	2	2	1 2
BEDROOMS PER FLOOR			30	E DIST		1 - 1	- 1				1100		1 - 1		1 3 3		4	87		1	-	12.20			
UNIT 1 BEDROOMS	30 3																								
UNIT 2 BEDROOMS			12															33							
UNIT 3 BEDROOMS			1							á															
			1														_	3			_	_	_	_	
TOTAL BEDROOMS	2 2000									17												_	-	2.00	10 m*
	1 STUDIO x 4 m*																				-	. +			2.5
STORAGE REQUIREMENTS	1 860 x 6 m'																				-	-4			10 m²
	2 BED x 8 m*																				-	*		360,00	
	3 86D x 10 m <sup>3</sup>		-																			2. 3		40.00	20 000
And the second of the second o	30 sqm @ 1 BED ROOM	3 15,00																				9		450,00	C. C. C.
COMMON OPEN SPACE REQUIRED (sqm)	40 sqm @ 1 BED ROOM	х 45,00	Linits																			- 2		1,800.00	
	55 sqm @ 1 SED ROOM	x 4.00	Linits																		- 4			220.00	03 00000
TOTAL COS REQUIRED (sqm)																						-		2,470.00	U0 (35.6 C
	ON BALCONIES PROVIDED	1,100.70 sqm																				7		44.50	6 %
	MAX 30% ON COMPLYING BAL/COURTYARD	741.00 sqm																						30.00	0 %
COLUMN COSTU COLCE DODUMEN	ON ROOF TERRACE	859.86.sqm																				-2		34.83	2 %
COMMON OPEN SPACE PROVIDED	MAX 30% ON COMPLYING ROOF TERRACE	741.00 som																						30.00	0 %
	ON GROUND LEVEL COURT YARD	1.256.57 sqm	ž.																			4		50.87	7 %
	MIN 40% DN COMPLYING GROUND LEVEL	mps 00.889								_												- 0		40.00	0 %
CONTRACTOR OF STATE O		-6	ROUND FLOOR	t													LE	/EL 1-3							
LOBBY/FOYER AREA (sqm)			91.30 sqm															90 sgm							
RESIDENTIAL PARKING REQUIRED	1 space per dwelling plus U.5 spaces per 3 or more bedroom	dwelling																				- 2	V	56.00	E CP
RESIDENTIAL CAR SPACES PROVIDED		0																			- 1			72.00	200
VISITOR CAR SPACES REQUIRED	1 visitor car parking space per 5 apartments																							12.80	_
VISITOR CAR SPACES PROVIDED	a room as formed than her a share in the																				-			25/30/	10 CP
DISABLE PARKING SPACE REQUIRED	10% OFF TOTAL RESIDENTIAL																					- 2			10 CP
DISABLE PARKING SPACE PROVIDED	100 OF TOTAL RESIDENCE																							-0460	10 CP
BICYCLE PARKING SPACE REQUIRED	Zania Anada																							21.33	
	1 per 3 dwellings																					. 4		7.75	(0) (C)
BICYCLE PARKING SPACE PROVIDED																						-2		22.00	
TOTAL CAR SPACES REQUIRED																						-		78.80	201
TOTAL CAR SPACES PROVIDED SITE AREA																					-	-		105.00	D Car
DEEP SOIL REQUIRED	15.00% OF SITE PLAN																					-	10.	- 525,04	4 som
DEEP SOIL PROVIDED	25.38% OF SITE PLAN																				- 19			888.29	
DEEP SOIL REQUIRED (6m x 6m)	7.00% OF SITE PLAN																						7		2 sgro
DEEP SOIL PROVIDED	8.35,75% OF SITE RLAN																					-		299.34	14 sqm

		SIGNED	DATE
ISSUED FOR CLIENT	SO	SO	
AMMENDED TO COUNCIL LETTER	so	so	05.09.2018
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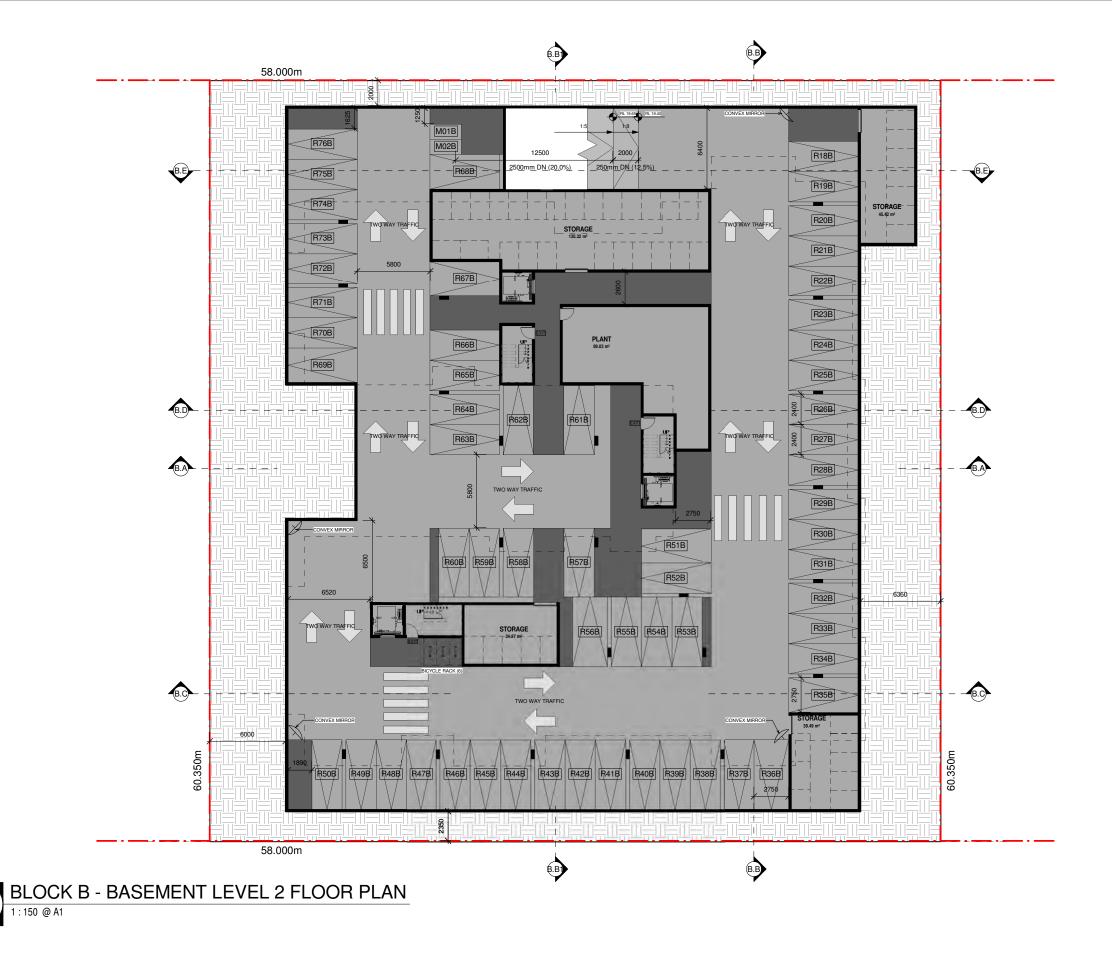
CLIENT GRAHAM DEVELOPERS DRAWING TITLE BLOCK B - CALCULATION DATA TABLE

05.09.2018 PROJECT NUMBER	DRAWING No.	DR ISSUE
042/15-16	2-1/4-4	В

PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING

Suite 4.04, Level 4, No.: 5 Celebration Drive BELLA VISTA - NSW 2153 Australia T. 61 28814-6991 FAX: 61 28814-6992 M. :61 412 06 06 04 E. info @ jsarchitects.com.au A88/ 70 11 948 575 Monitade Morthect Scymon Ordudzawa (RMA 6865)







THIS DRAWING ISSUE HAS BEEN REVIEWED BY

DIRECTOR

PROJECT ARCHITECT



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VISUA	L SCALE 1	:150 @ A	1		=

#### CLIENT GRAHAM DEVELOPERS

DRAWING TITLE

BLOCK B - BASEMENT LEVEL 2 FLOOR PLAN

DATE	SCALE @ A1	DRAWN
05.09.2018		₽M
PROJECT NUMBER	DRAWING No.	ISSUE
042/15-16	2-2/4-4	В

PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING





## **BLOCK B**

TOTAL NUMBER OF UNITS	UNIT RATE	TOTAL
64.00 UNITS	240.00 L/Week	15,360.00 L/Week
64.00 UNITS	80.00 L/Week	5,120.00 L/Week
3.00 SECTIONS*	4.00 m <sup>2</sup> /40 UNITS**	12.00 L/Week
	64.00 UNITS 64.00 UNITS	64.00 UNITS 240.00 L/Week 64.00 UNITS 80.00 L/Week

### **BLOCK B**

	BASEMENTS	GROUND	TYPICAL	TOTAL	UNIT TYPE		STORAGE AMOUNT	CALCULATIONS
STORAGE REQUIREMENTS	0.00	1.00	3.00	3.00	STUDIO	×	4.00 m³	12.00 m <sup>3</sup>
	0.00	2.00	9.00	11.00	1 BED	×	6.00 m <sup>8</sup>	66.00 m³
	0.00	12.00	33.00	45.00	2 BED	×	8,00 m <sup>3</sup>	360.00 m <sup>3</sup>
	0.00	1.00	3.00	4.00	3 BED	×	10.00 m <sup>3</sup>	40.00 m <sup>3</sup>
TOTAL REQUIREMENTS								478.00 m <sup>1</sup>
STORAGE PROVIDED IN	3.00	0.00	0.00	3.00	STUDIO	×	4.00 m³	12.00 m <sup>3</sup>
BASEMENTS	11.00	0.00	0.00	11.00	1 BED	×	6.00 m <sup>3</sup>	66.00 m <sup>3</sup>
	45.00	0.00	0.00	45.00	2 BED	×	8.00 m <sup>3</sup>	360.00 m <sup>3</sup>
	4.00	0.00	0.00	4.00	3 BED	×	10.00 m <sup>8</sup>	40.00 m <sup>3</sup>
TOTAL PROVIDED								478.00 m <sup>3</sup>
STORAGE PROVIDED IN	0.00	2.32	6.96	m³	STUDIO			9.28 m³
APARTMENTS	0.00	3.43	30.87	m³	1 BED			34.30 m <sup>3</sup>
	0.00	48.00	132.00	m³	2 BED			180.00 m³
	0.00	5.00	15.00	m <sup>3</sup>	3 BED			20.00 m³
TOTAL PROVIDED								243.58 m³
TOTAL PROVIDED IN UNITS								721.58 m <sup>3</sup>

AMENDMENTS ISSUE DESCRIPTION

A ISSUED FOR CLIENT AMMENDED TO COUNCIL LETTER

THIS DRAWING ISSUE HAS BEEN REVIEWED BY

1:150 @ A1



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VISUA	L SCALE 1	:150 @ A	1	•	,

CLIENT GRAHAM DEVELOPERS

DRAWING TITLE

042/15-16

BLOCK B - BASEMENT LEVEL 1 FLOOR PLAN

DRAWN
PM
ISSUE 05.09.2018 PROJECT NUMBER

2-3/4-4

PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING

JS Architects Pty Ltd
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ANY 70119 846455 ARCHITECTS











DRAWING TITLE

BLOCK B - GROUND FLOOR PLAN

DATE	SCALE @ A1	DRAWN
05.09.2018		₽M
PROJECT NUMBER	DRAWING No.	ISSUE
042/15-16	2-4/4-4	В

PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING

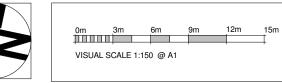
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ABN 70 19 946 575
Wornhander Architects. Symnon Ochudzawa (RMA 6865)









DRAWING TITLE

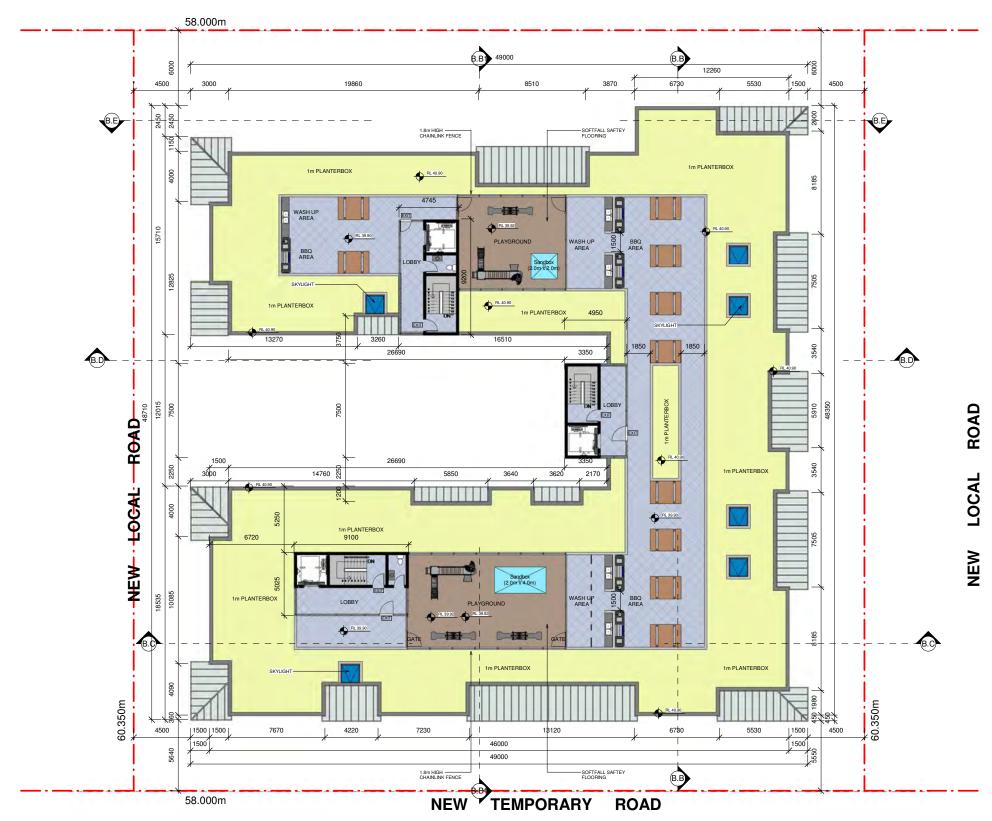
BLOCK B - LEVEL 1,2,3 FLOOR PLAN TYPICAL

DATE	SCALE @ A1	DRAWN
05.09.2018		₽M
PROJECT NUMBER	DRAWING No.	ISSUE
042/15-16	2-5/4-4	В

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No: 19 148-645 575

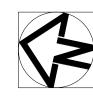








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VISUAL S	CALE 1:15	60 @ A1			

CLIENT GRAHAM DEVELOPERS

DRAWING TITLE

BLOCK B - ROOF TERRACE FLOOR PLAN

DRAWN
PM
ISSUE 05.09.2018 PROJECT NUMBER 042/15-16 2-6/4-4

PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING













0m	3m	6m	9m	12m	15m
VISUAL	SCALE 1	:150 @ A1			

DRAWING TITLE

BLOCK B - ROOF PLAN

DATE	SCALE @ A1	DRAWN
05.09.2018		₽M
PROJECT NUMBER	DRAWING No.	ISSUE
042/15-16	2-7/4-4	В

PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING



















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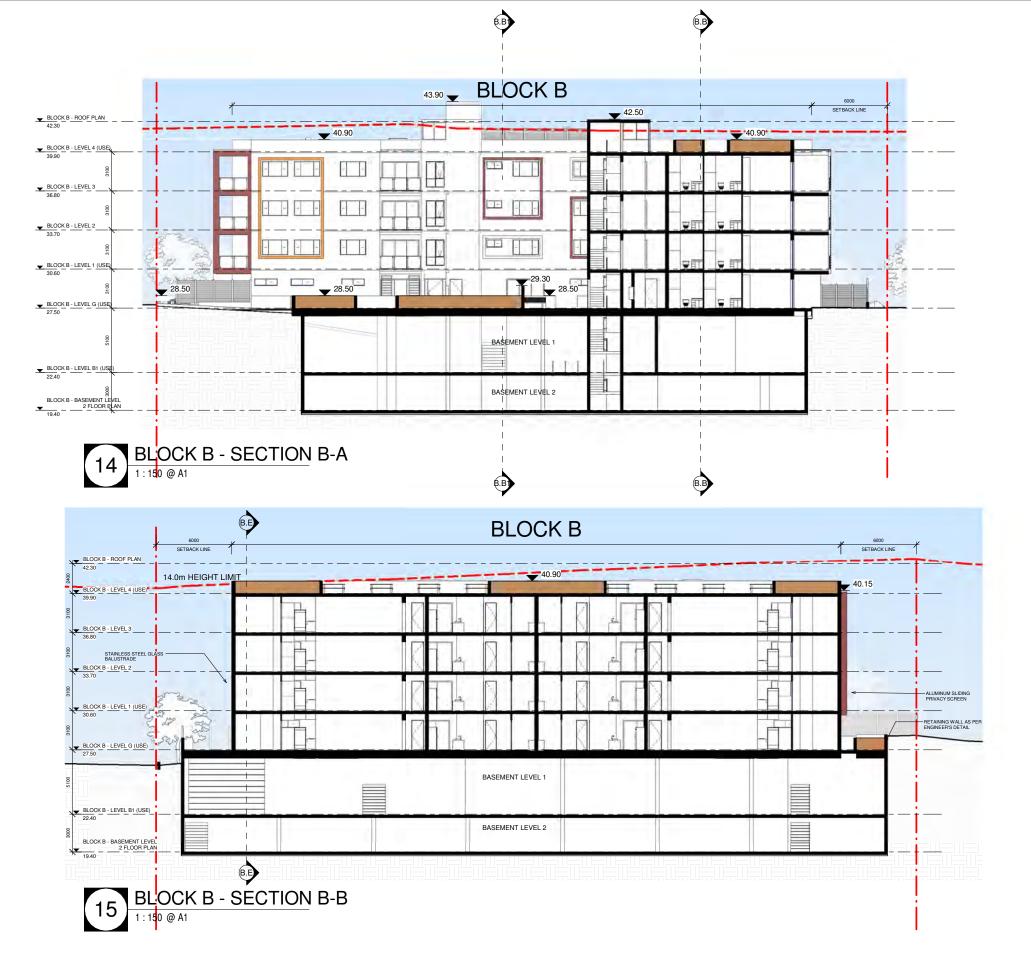
DRAWING TITLE

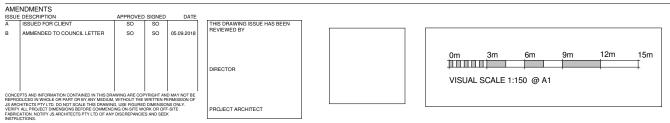
BLOCK B - INNER EAST/WEST ELEVATION

PROJECT NUMBER <b>042/15-16</b>	DRAWING No. 2-10/4-4	ISSUE <b>B</b>
05.09.2018		DR
DATE	SCALE @ A1	DRAWN

# PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING







DRAWING TITLE

BLOCK B - SECTION B.A-B.B

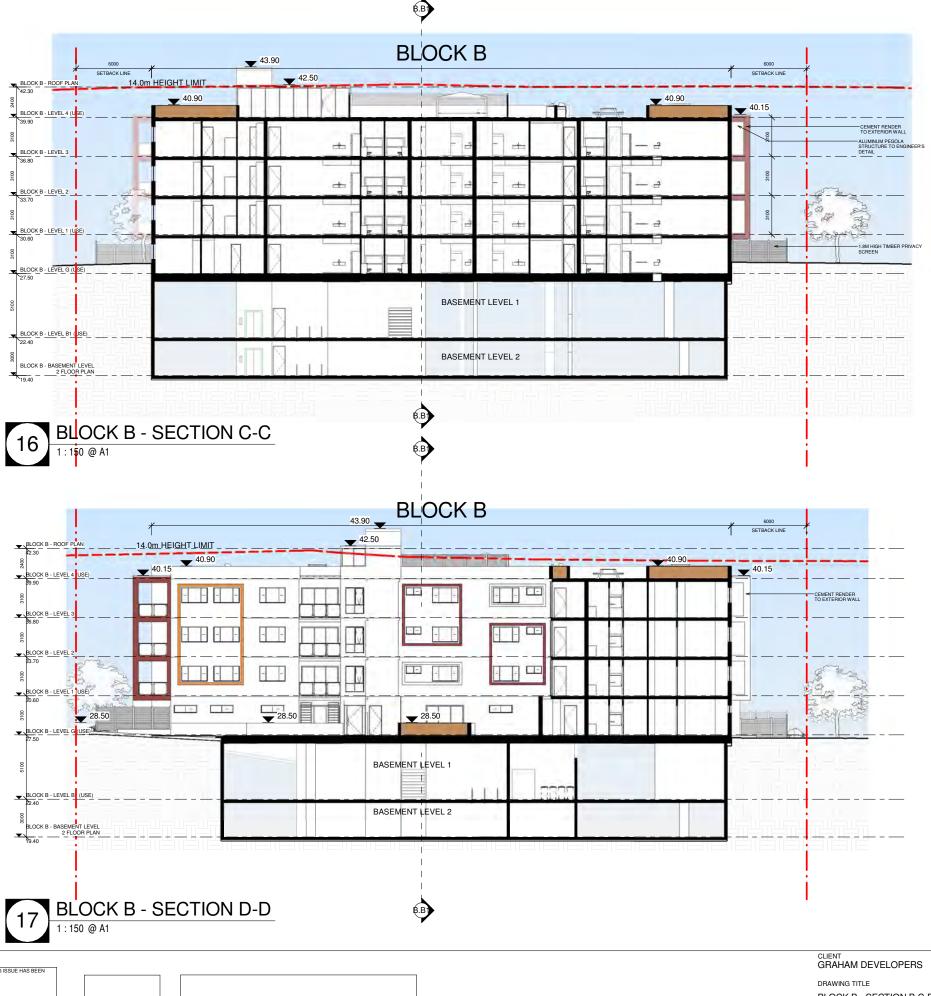
DATE	SCALE @ A1	DRAWN
05.09.2018		₽M
PROJECT NUMBER	DRAWING No.	ISSUE
042/15-16	2-11/4-4	В

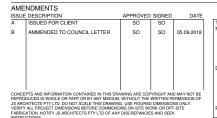
# PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING

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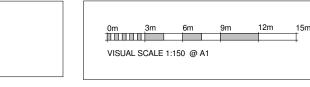
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VISTA - NSW 2153 Australia
VISTA - 100 60 AV
VISTA - 10











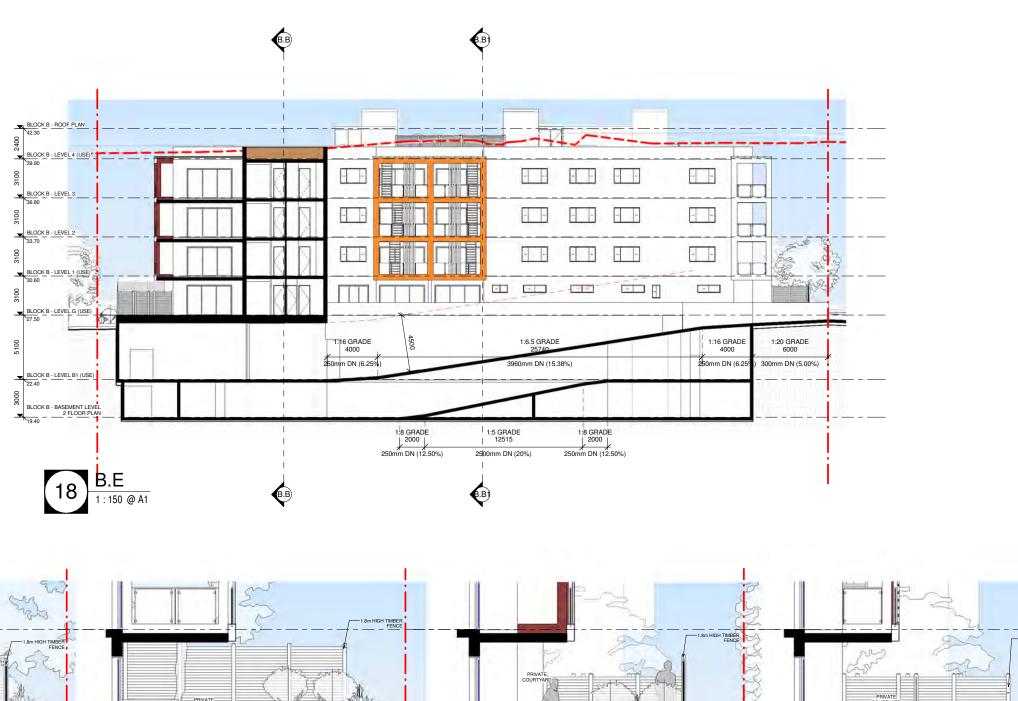
BLOCK B - SECTION B.C-B.D

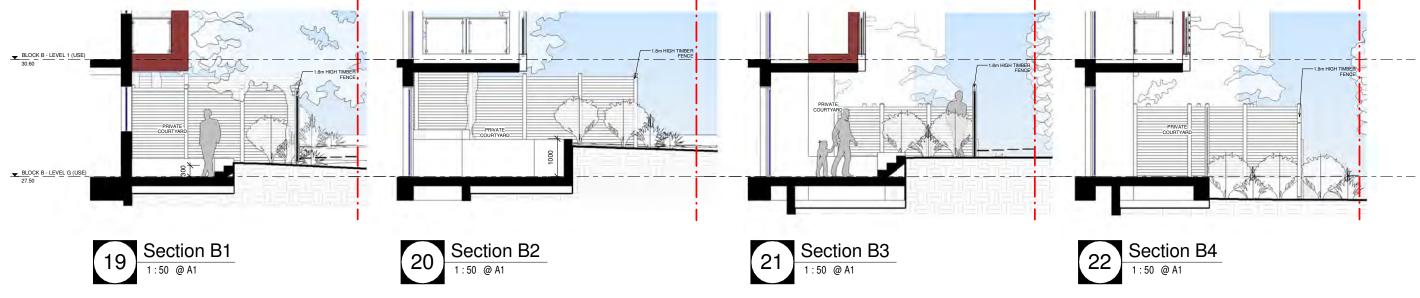
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05.09.2018		₽M
PROJECT NUMBER	DRAWING No.	ISSUE
042/15-16	2-12/4-4	В

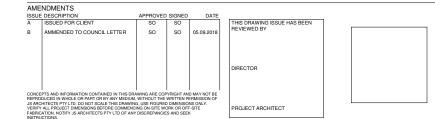
PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING

JS Architects Pty Ltd









DRAWING TITLE

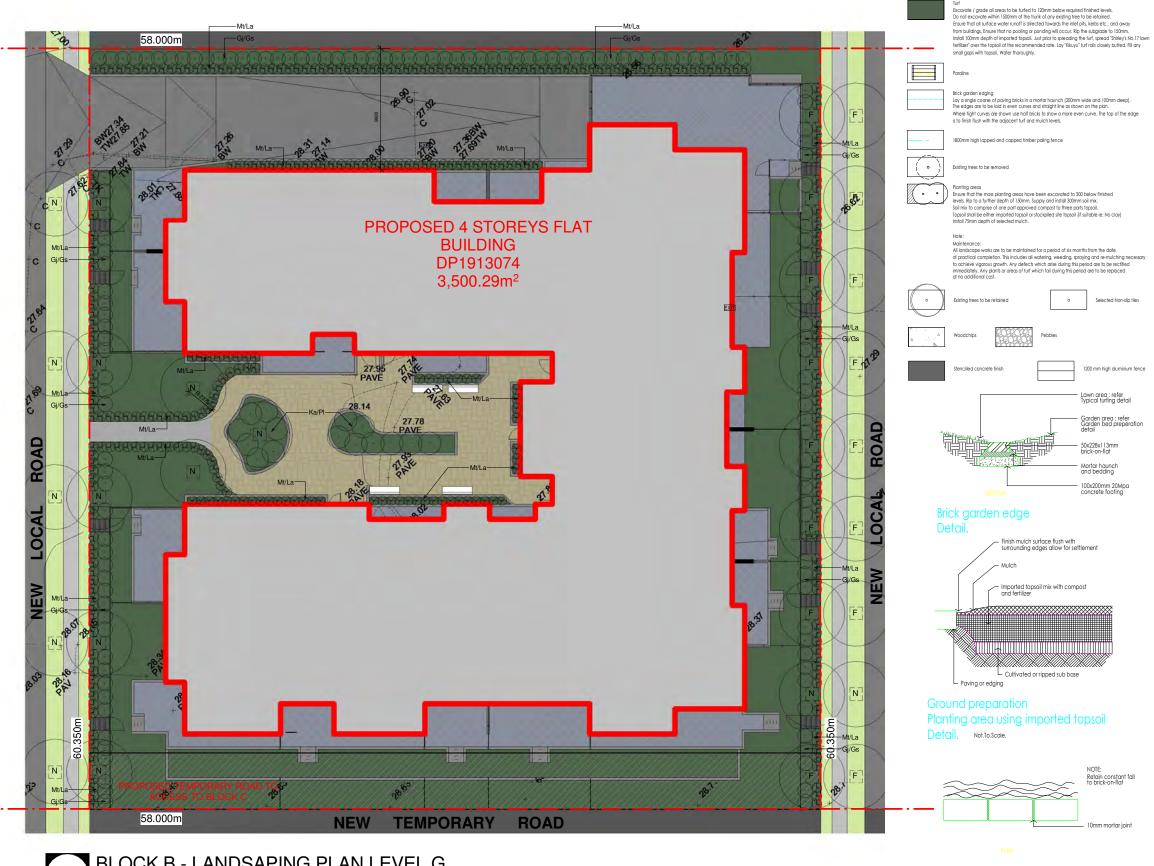
BLOCK B - SECTIONS

DATE	SCALE @ A1	DRAWN
05.09.2018		DR
PROJECT NUMBER	DRAWING No.	ISSUE
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### BLOCK B - LANDSAPING PLAN LEVEL G 1:150 @ A1





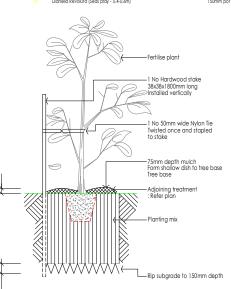
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#### PLANT SCHEDULE

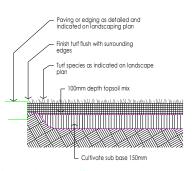
Code Latin Name (Common Name - Mature Height)

LEGEND

Tre	es				
		Angophora floribunda (rough-barked apple)	0	- litre	ye
		Melaleuca linariifolia (snow in summer 4-8m)	0	- litre	yε
		Nyssa sylvatica (black gum)	12	- litre	yε
		Fraxinus pennysylvanica 'Urbanite'	18	- litre	ye
Sh	rubs				
		Grevillea juniperina (Prickly Spider Flower - 1.5m)	184	15 litre	
		Grevillea sericcea (Pink Spider Flower - 1.5m)	183	15 litre	
		Melaleuca thymifolia (Thyme Honey Myrtle - 1m)	228	15 litre	
		Indigophera australis (Native Indigo - 1-1.5m)	227	15 litre	
		Kunzea ambigua (Tick bush - 2-3m)	10	25 litre	yε
		Persoonia linearis (Gorsse bitter pea - 2-3m)	9	25 litre	yє
Gre	oundco	vers			
		Dianella Revoluta (Seas pray - 0.4-0.6m)	150r	nm pot	



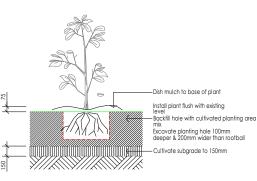
15 - 35 litre Tree planting Detail. Not.To.Scale.



#### Ground preparation

Grassed area: turf using imported topsoil

Detail. Not.To.Scale.



Planting in garden beds Detail. Not.To.Scale.

PROJECT

DRAWN ₽M

ISSUE

В

2-14/4-4

GRAHAM DEVELOPERS

BLOCK B - GROUND FLOOR LANDSCAPE PLAN

DRAWING TITLE

05.09.2018 PROJECT NUMBER

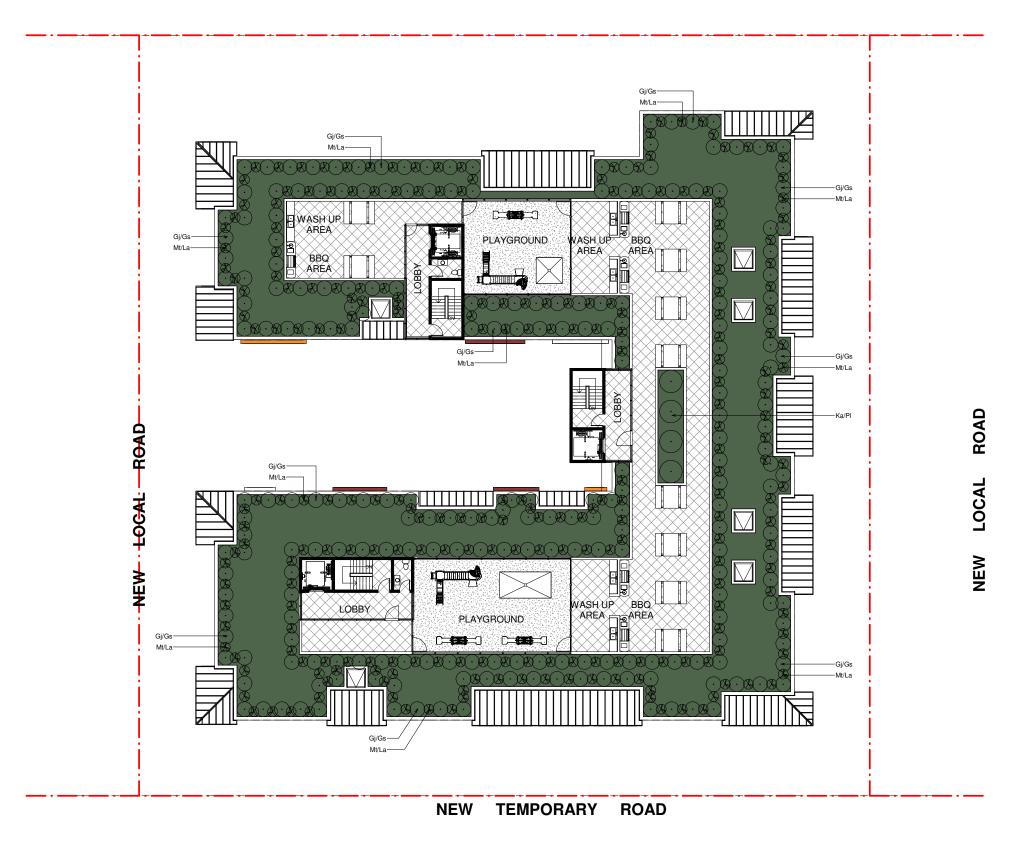
042/15-16

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AN 70 119 446 575













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DRAWING TITLE

BLOCK B - ROOF TERRACE ANDSCAPE PLAN

DATE 05.09.2018	SCALE @ A1	DRAWN
PROJECT NUMBER	DRAWING No.	ISSUE
042/15-16	2-15/4-4	R

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# 1

### 3D OVERVIEW BLOCK B

@ A1

#### LEGEND MATERIAL SCHEDULE

- AFS CONCRETE PAINTED PANEL (DULUX EXTREME RED)
- B FROSTED SAFETY GLAZING BALUSTRADE
- AFS CONCRETE PAINTED PANEL (DULUX QUINCE PASTE)
- ALUM GREY PANEL PRIVACY SLIDING SCREENS (WHITE)
- FACE BRICK PAINTED (DULUX -CANYON CLOUD)

- F ALUM GREY PANEL LOUVERS
- G LAMINATE TIMBER FEATURE VERTICAL PANELS (WHITE)
- AFS CONCRETE PAINTED PANEL (DULUX SOFTSUN)
- ALUM PERGOLA PAINTED GREY

ISSU	E DESCRIPTION	APPROVED	SIGNED	DATE
A	ISSUED FOR CLIENT	SO	SO	
В	AMMENDED TO COUNCIL LETTER	so	so	05.09.2018

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DIRECTOR

PROJECT ARCHITECT



CLIENT GRAHAM DEVELOPERS

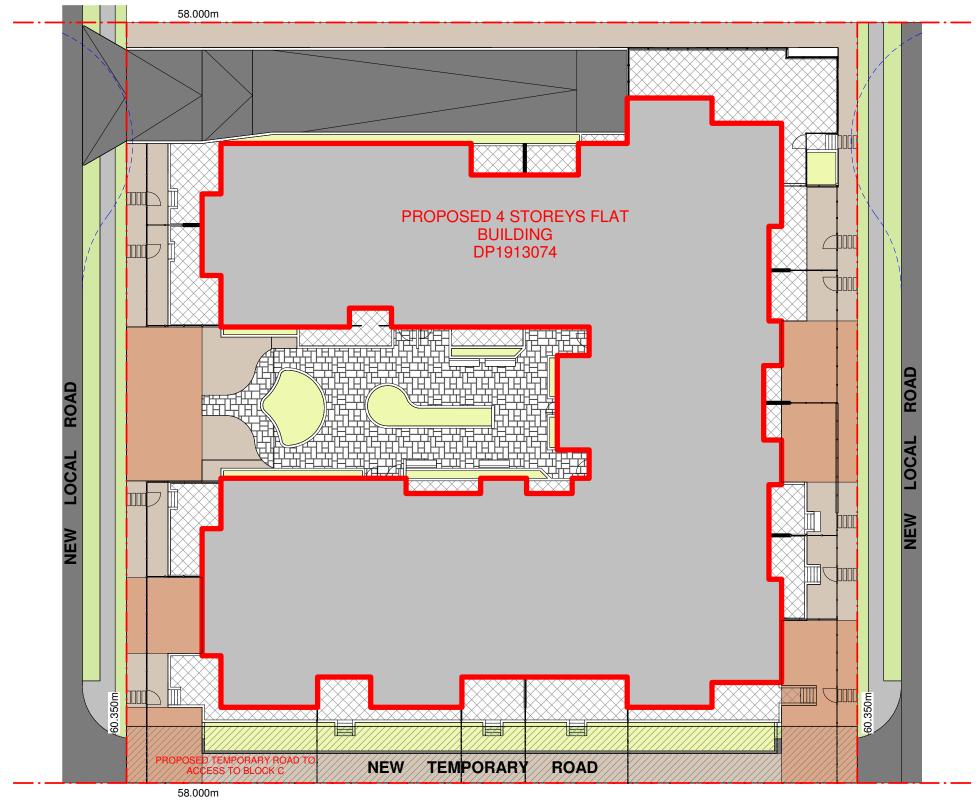
DRAWING TITLE

BLOCK B - MATERIALS & FINISHES SCHEDULE

DATE	SCALE @ A1	DRAWN
05.09.2018		DR
PROJECT NUMBER	DRAWING No.	ISSUE
042/15-16	2-20/4-4	В

PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING











#### LOT 2 DEEP SOIL CALCULATION

SITE AREA: 3,500.29 sqm

BLACKTOWN COUNCIL REQUIREMENT MINIMUM REQUIRED DEEPSOIL: 525.04 sqm (15.00%) PROPOSED DEEPSOIL AREA: 888.29 sqm (25.38%)

ADG REQUIREMENTS SITE AREA WITH MIN DIMENSION OF 6m REQUIRED: 245.02 sqm (7.00%) PROPOSED: 299.34 sqm (8.55%)





DEEP SOIL AREA (6m x 6m)



# NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING

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ISSUE

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CLIENT GRAHAM DEVELOPERS

BLOCK B - DEEP SOIL DIAGRAM

2-16/4-4

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05.09.2018 PROJECT NUMBER

042/15-16

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ARN 70 119 845 75
Nominate Architect Symon Orbutzawa (RAA 6865)







BLOCK B - SOLAR ACCESS DIAGRAM GF-L2

1:200@A1



			BLOCK B	- SOLAR	ACCESS			
FLOORS	GROUND FLOOR	1 ST FLOOR	2ND FLOOR	3RD FLOOR	TOTAL UNITS			
1 BED	1	1	1	3	6			
2 BED	8	8	8	11	35			
3 BED	1	1	1	1	4			
STUDIO	0	0	0	1	1			
TOTAL PER FLOOR	10	10	10	16	46			
				46 UN	NITS = 71.88%			
MINIMUM REQUIRED = 70.00%								
	NOTES: UNITS M	ARKED IN RE			OURS SOLAR E 21 ST JUNE			

	DESCRIPTION	APPROVED		DATE
Α	ISSUED FOR CLIENT	so	SO	
В	AMMENDED TO COUNCIL LETTER	so	so	05.09.2018
REPRO JS ARC VERIFY	FTS AND INFORMATION CONTAINED IN THIS DR DUCED IN WHOLE OR PART OR BY ANY MEDIUM HITECTS PTY LTD. DO NOT SCALE THIS DRAWIN ALL PROJECT DIMENSIONS BEFORE COMMENC ATION. NOTIFY JS ARCHITECTS PTY LTD OF AN'	, WITHOUT THE IG, USE FIGURED ING ON-SITE W	WRITTEN PI DIMENSIO DRK OR OFF	RMISSION OF NS ONLY. -SITE

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VISUAL SCALE 1:150 @ A1								

CLIENT GRAHAM DEVELOPERS DRAWING TITLE

BLOCK B - SOLAR ACCESS DIAGRAM

DATE	SCALE @ A1	DRAWN
05.09.2018		₽M
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042/15-16	2-17/4-4	В

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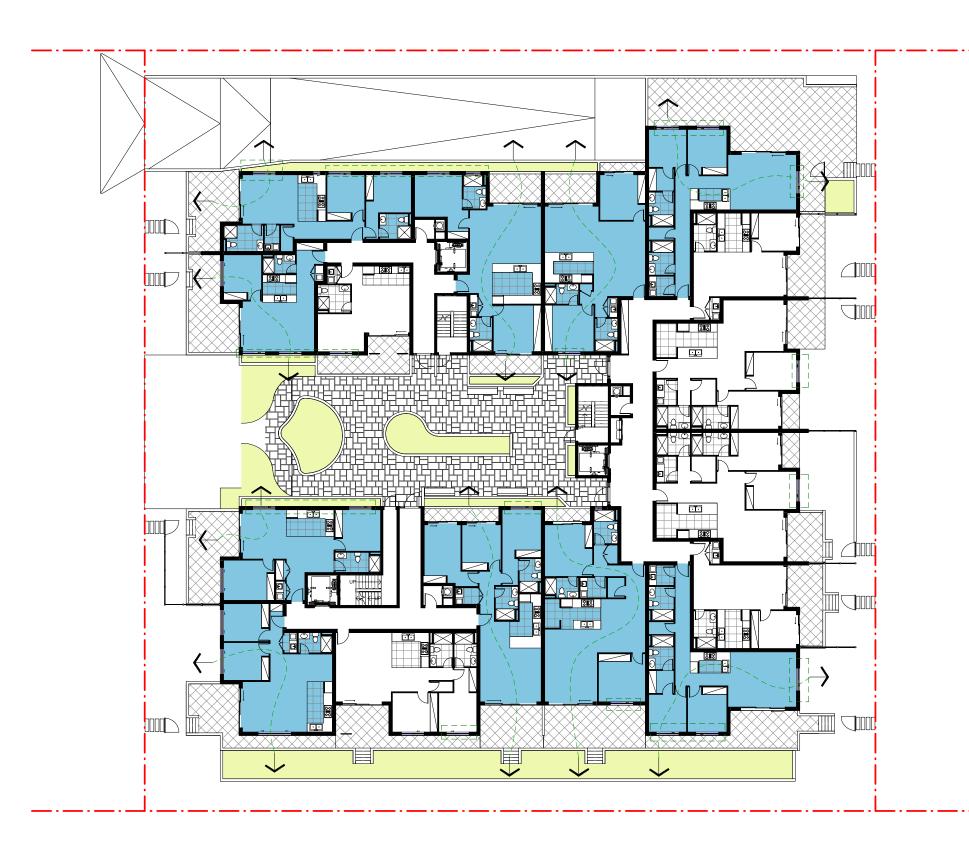
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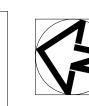




BLOCK B - CROSS VENTILATION										
FLOORS	GROUND FLOOR	1 ST FLOOR	2ND FLOOR	3RD FLOOR	TOTAL UNITS					
1 BED	1	1	1	1	4					
2 BED	8	8	8	8	32					
3 BED	1	1	1	1	4					
STUDIO	0	0	0	0	0					
TOTAL PER FLOOR	10	10	10	10	40					
40 UNITS = 62.50%										
		MINIMUM	REQUIRED (	INDER SEPP	65 = 60.00%					

# BLOCK B - GROUND FLOOR PLAN 1:150 @ A1







### CLIENT GRAHAM DEVELOPERS

DRAWING TITLE

BLOCK B - CROSS VENTILATION DIAGRAM

DATE	SCALE @ A1	DRAWN
05.09.2018	00/122 @ //·	₽M
PROJECT NUMBER 042/15-16	DRAWING No. 2-18/4-4	ISSUE <b>B</b>

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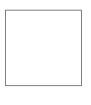












DRAWING TITLE

BLOCK C - PERSPECTIVE

DATE	SCALE @ A1	DRAWN
08/07/16		
PROJECT NUMBER	DRAWING No.	ISSUE
042/15-16	3-0 /4-3	Α

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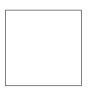


# **BLOCK C**

	UNITS 1-6 (GROUND FLOOR)				UNITS 1-6 (LEVEL 1-3)							
UNIT NUMBER	UNIT 1	UNIT 2	UNIT 3	UNIT 4	UNIT 5	UNIT 6	UNIT 1	UNIT 2	UNIT 3	UNIT 4	UNIT 5	UNIT 6
UNIT PER FLOOR	1	1	1	1	1	1	3	3	3	3	3	3
TOTAL UNITS			(	5			18					
AREA PER UNIT (sqm)	75.15	76.31	95.48	95.48	75.15	76.31	75.15	76.31	95.48	95.48	75.15	76.31
BALCONY AREA PER UNIT (sqm)	12.00	12.54	18.80	18.80	12.00	12.54	12.00	12.54	18.80	18.80	12.00	12.54
BALCONY AREA PER FLOORS (sqm)		86.68							260	0.04		
TOTAL BALCONY AREA (sqm)		346.72										
ROOF TERRACE AREA (Level 4) - (sqm)		287.9				7.94						
BEDROOMS	2	2	3	3	2	2	2	2	3	3	2	2
BEDROOMS PER FLOOR		14					42					
UNIT 1 BEDROOMS	0						(	0				
UNIT 2 BEDROOMS	4						1	2				
UNIT 3 BEDROOMS	2							6				
TOTAL BEDROOMS						5	66					
	1	STUDIO	х	4	m <sup>s</sup>				=		0.00	m <sup>s</sup>
	1	BED	х	6	m <sup>s</sup>				=		0.00	m <sup>s</sup>
STORAGE REQUIREMENTS	2 BED x 8 m <sup>5</sup>					=				128.00	m <sup>s</sup>	
	3 BED x 10 m <sup>5</sup>							=			80.00	m <sup>s</sup>
	30	30 sqm @ 1 BED ROOM x 0.00 Units			Units	=		0.00	sqm			
COMMON OPEN SPACE REQUIRED (sqm)	40 sqm @ 1 BED ROOM					x	16.00	Units	=		640.00	sqm
	55 sqm @ 1 BED ROOM					х	8.00	Units	=		440.00	
TOTAL COS REQUIRED (sqm)									=		1,080.00	sqm
	ON BALCONIES PROVIDED 346.7				346.72	sqm		=		32.10	%	
	MAX 30% ON COMPLYING BAL/COURTYARD					324.00	24.00 sqm		=		30.00	%
	ON ROOF TERRACE					287.94	287.94 sqm		=		26.66	%
COMMON OPEN SPACE PROVIDED	MAX 30% ON COMPLYING ROOF TERRACE					324.00 sqm		=		30.00	%	
	ON GROUND LEVEL COURT YARD					380.55 sqm			=		35.24	%
	MIN 40% ON COMPLYING GROUND LEVEL				432.00 sqm		=		40.00	%		
	GROUND FLOOR						LEVEL 1-3					
LOBBY/FOYER AREA (sqm)	30.20 sqm					90.60 sqm						
RESIDENTIAL PARKING REQUIRED	1 space per	dwelling plus	s 0.5 spaces p	er 3 or more	e bedroom d	welling	=				28.00	СР
RESIDENTIAL CAR SPACES PROVIDED									=		34.00	СР
VISITOR CAR SPACES REQUIRED	1 visitor car	parking space	e per 5 apart	ments					=		4.80	
VISITOR CAR SPACES PROVIDED									=		13.00	СР
DISABLE PARKING SPACE REQUIRED	10% OFF TO	TAL RESIDEN	ITIAL						=		2.40	СР
DISABLE PARKING SPACE PROVIDED									=		4.00	
BICYCLE PARKING SPACE REQUIRED	1 per 3 dwel	llings							=		8.00	ВР
BICYCLE PARKING SPACE PROVIDED									=		8.00	
TOTAL CAR SPACES REQUIRED									=		32.80	
TOTAL CAR SPACES PROVIDED									=		47.00	
SITE AREA									=		1,706.43	-
DEEP SOIL REQUIRED	25.00% OF S								=		426.61	
DEEP SOIL PROVIDED	35.75% OF 9	OITE PLAN							=		439.71	sqm







CLIENT GRAHAM DEVELOPERS

DRAWING TITLE

BLOCK C - CALCULATION DATA TABLE

DATE	SCALE @ A1	DRAWN
08/07/16		
PROJECT NUMBER	DRAWING No.	ISSUE
042/15-16	3-1 /4-3	Α

PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING

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55.14.20.60 60 40
55.14.20.60 60 40
55.14.20.60 60 40
55.14.20.60 60 40
55.14.20.60 60 40
55.14.20.60 60 40
55.14.20.60 60 40
55.14.20.60 60 40
55.14.20.60 60 40
55.14.20.60 60 40
55







BLOCK C - LEVEL 1 FLOOR PLAN





0m	3m	6m	9m	12m	15m
VISUA	L SCALE 1	:150 @ A	1	•	

CLIENT GRAHAM DEVELOPERS

DRAWING TITLE

BLOCK C - GROUND FLOOR & TYPICAL FLOOR PLAN

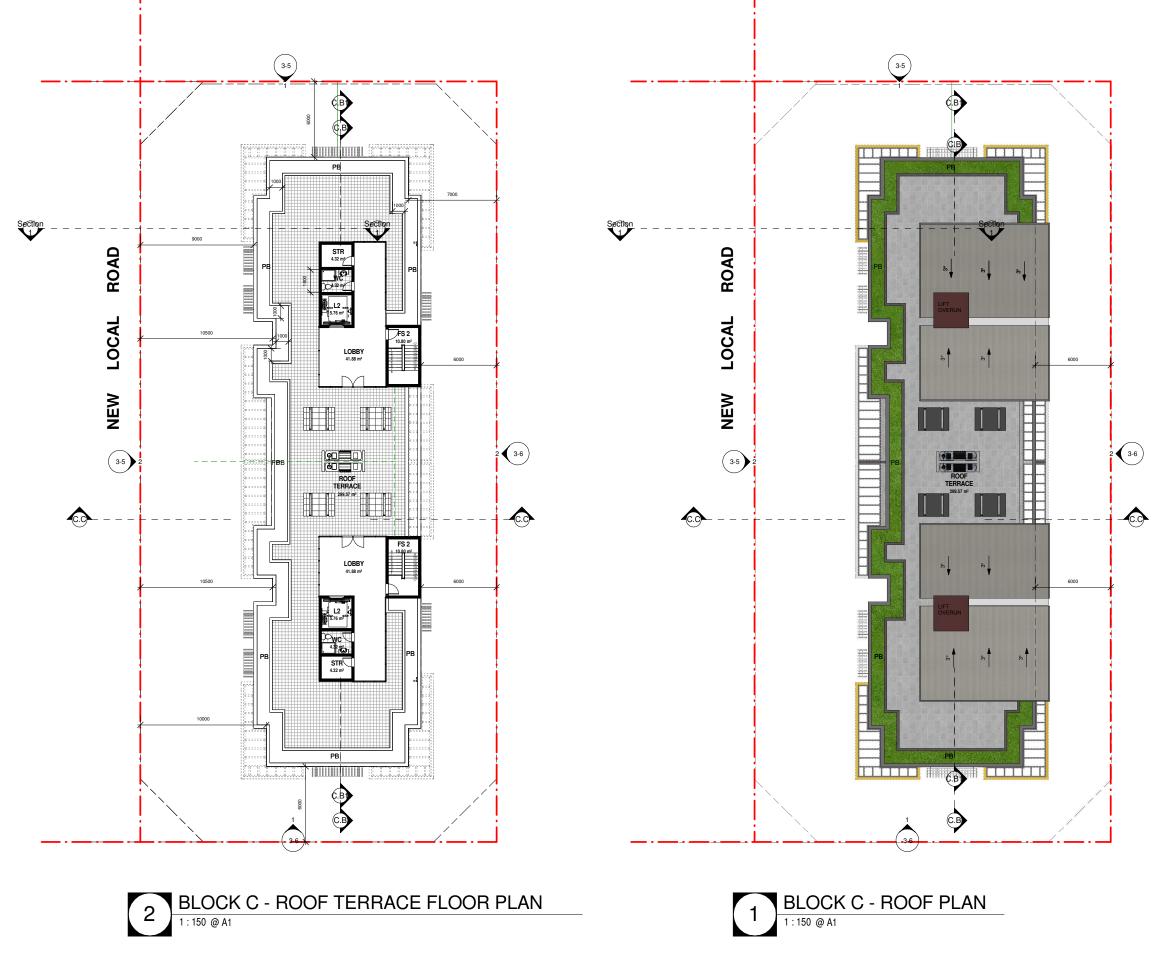
DATE	SCALE @ A1	DRAWN
08/07/16		LM
PROJECT NUMBER	DRAWING No. 3-2 /4-3	ISSUE

PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING

JS Architects Pty Ltd Suite 4.04, Level 4, No: 5 Celebration

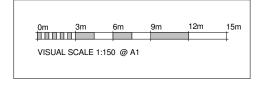
Suite 4:04, Level 4, NO: 5 Celebration Drive BELLA VISTA ~ NSW 2153 Australia T :61 2 8814-6991 FAX: 61 2 8814-699 M :61 412 06 06 04 E :info @ jsarchitects.com.au











DRAWING TITLE

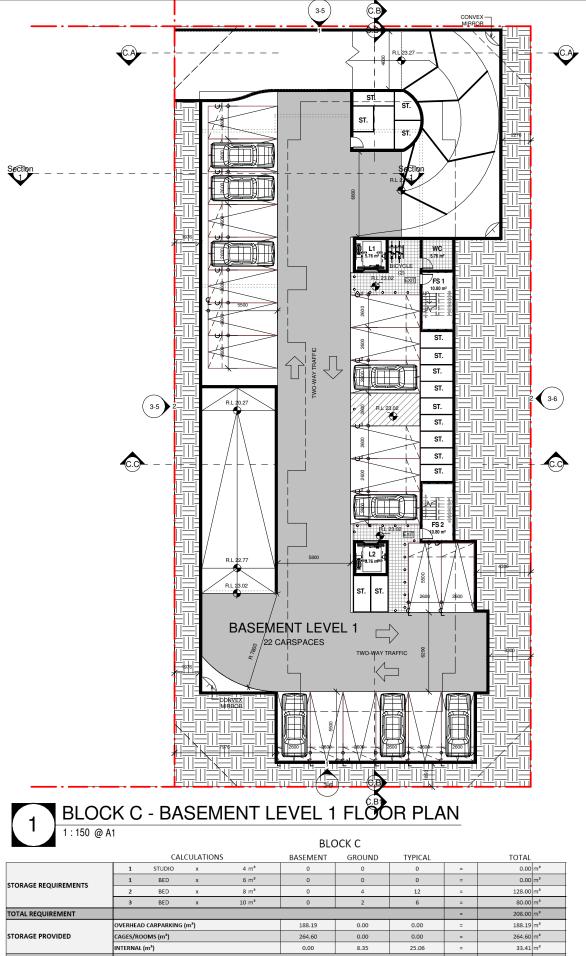
BLOCK C - ROOF TERRACE & ROOF PLAN

PROJECT NUMBER <b>042/15-16</b>	DRAWING No. 3-3 /4-3	ISSUE <b>A</b>
08/07/16		LM
DATE	SCALE @ A1	DRAWN

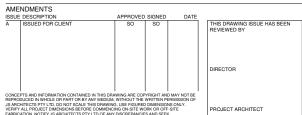
PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING

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ABN 70 119 948 575
Nominated Architects. Sprang Charles



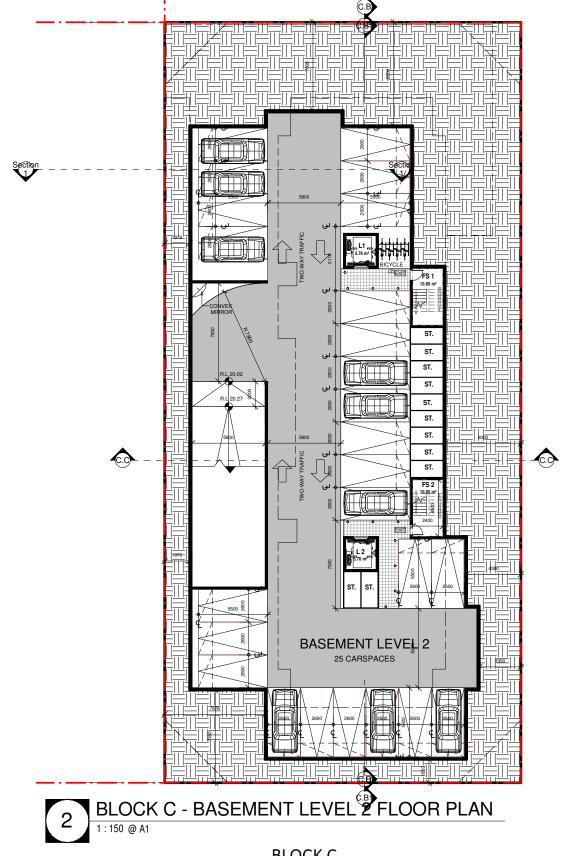


TOTAL REQUIREMENT





0m	3m	6m	9m	12m	15m
					$\Rightarrow$
VISUAL	SCALE 1:	150 @ A1			
		_			



### BLOCK C

	TOTAL NUMBER OF UNITS		UNIT RATE	TOTAL		
GENERAL WASTE	24.00	Units	240.00 L/unit	5,760.00 L/week		
RECYCLABLE WASTE	24.00	Units	80.00 L/unit	1,920.00 L/week		
BULKY WASTE	24.00	Units	4.00 m <sup>2</sup> *	4.00 m²		
*4m²/40 units + 1m²/20 units thereafter						

CLIENT GRAHAM DEVELOPERS

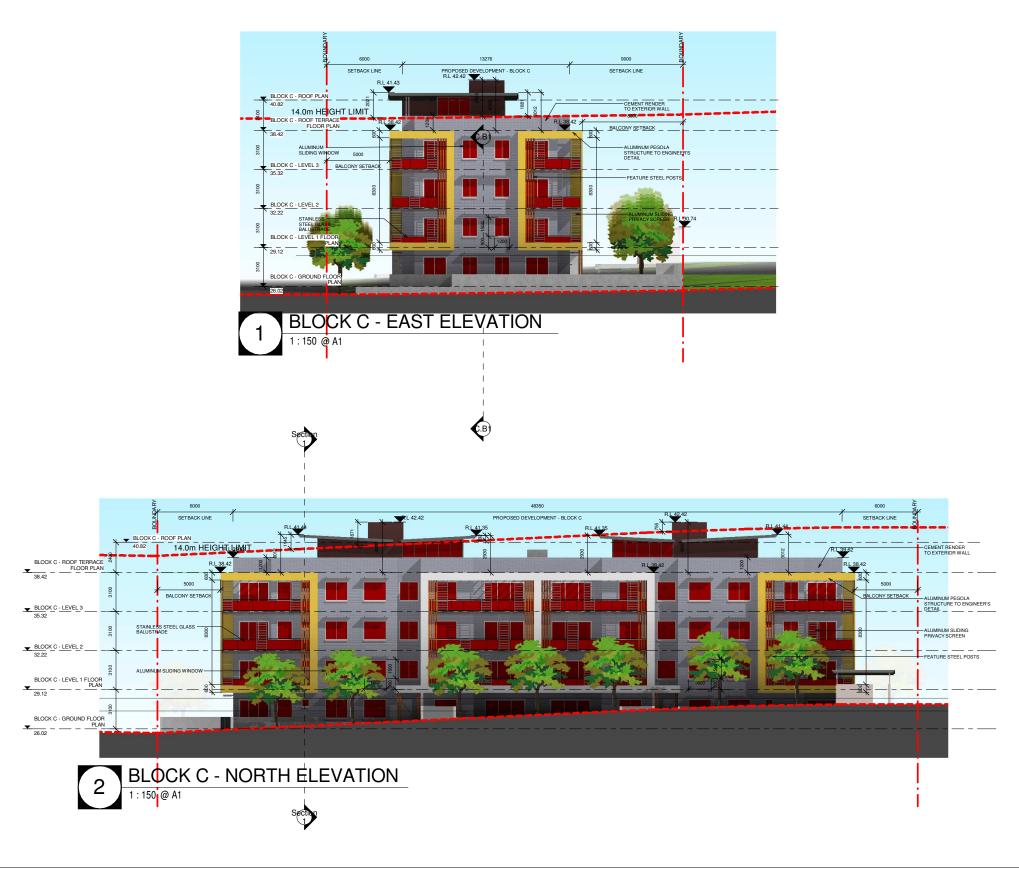
DRAWING TITLE

BLOCK C - BASEMENT 1 & 2 FLOOR

08/07/16		LM
PROJECT NUMBER	DRAWING No.	ISSUE

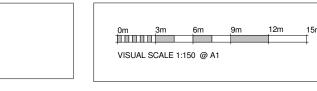
PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING











DRAWING TITLE

BLOCK C - EAST & NORTH ELEVATIONS

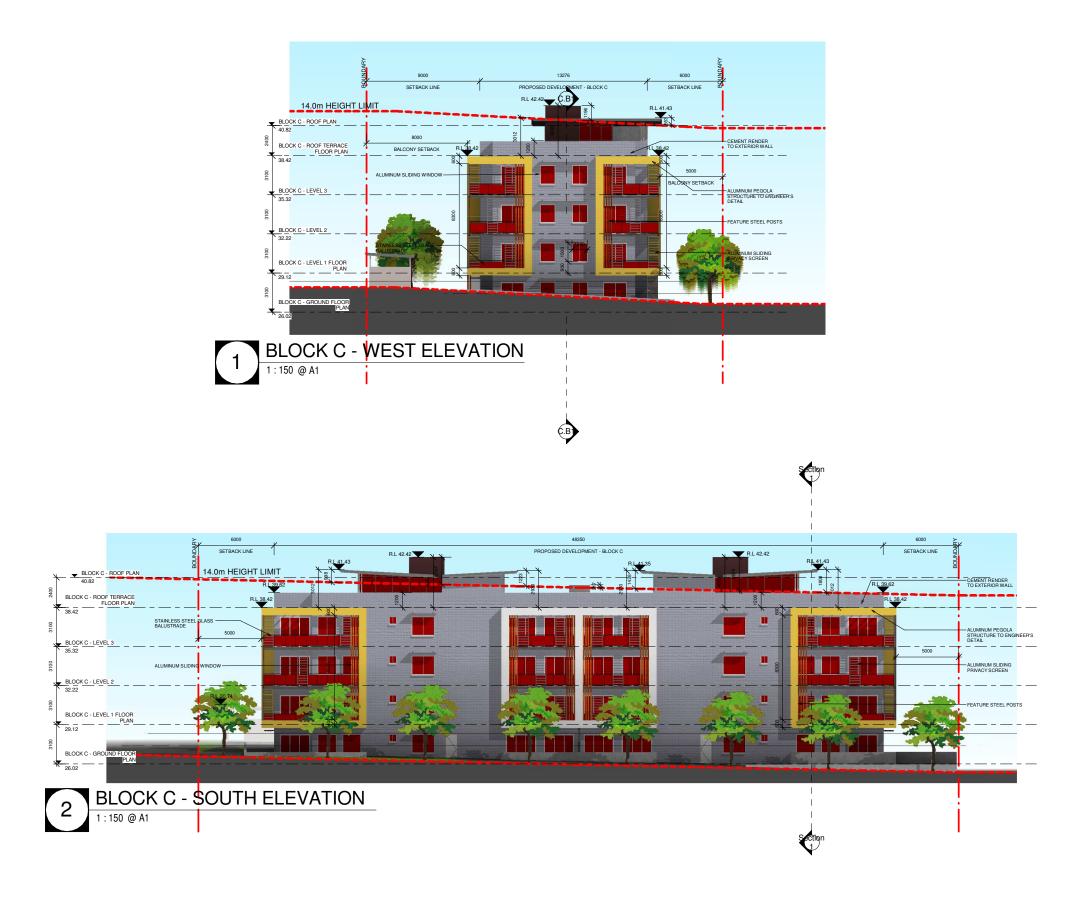
DATE	SCALE @ A1	DRAWN
08/07/16		LM
PROJECT NUMBER	DRAWING No.	ISSUE
042/15-16	3-5 /4-3	Α

PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING

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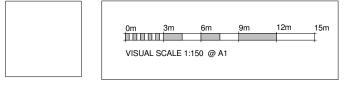
> :LLA VISTA ~ NSW 2153 Australia :61 2 8814-6991 FAX: 61 2 8814-69 :61 412 06 06 04 :info @ jsarchitects.com.au











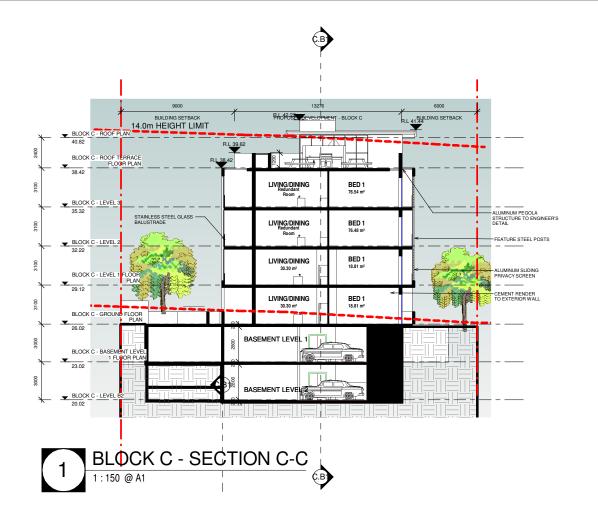
### CLIENT GRAHAM DEVELOPERS DRAWING TITLE

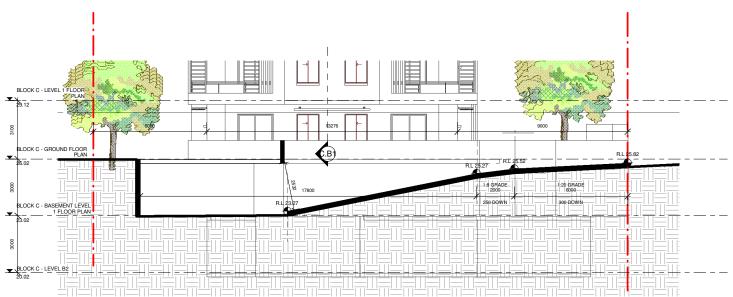
BLOCK C - WEST & SOUTH ELEVATIONS

DATE 08/07/16	SCALE @ A1	DRAWN LM
PROJECT NUMBER	DRAWING No.	ISSUE
042/15-16	3-6 /4-3	Α

PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING

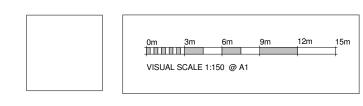












CLIENT GRAHAM DEVELOPERS DRAWING TITLE

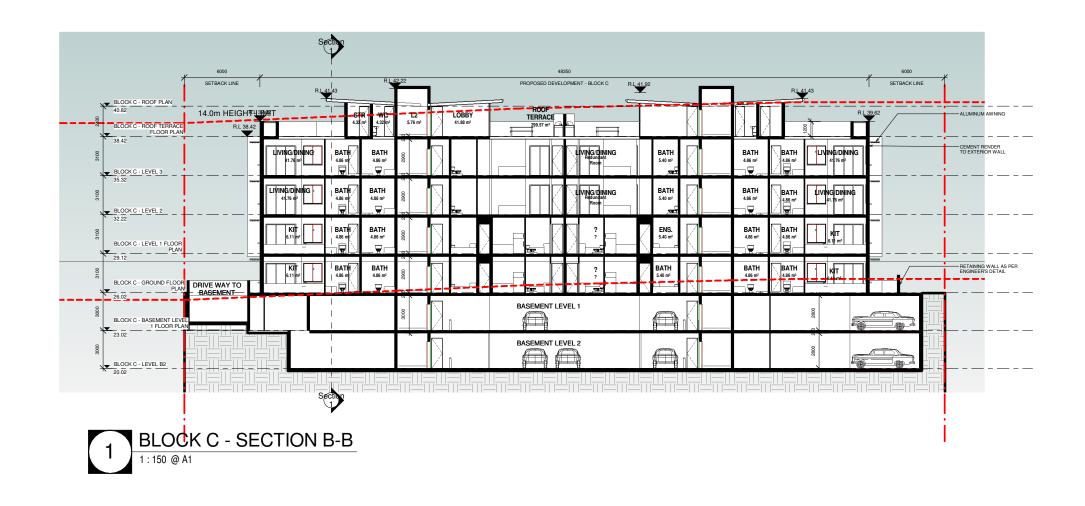
BLOCK C - SECTION A-A & C-C

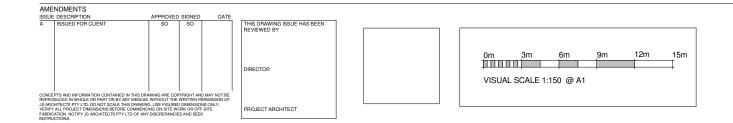
	LM
DRAWING No.	ISSUE
	DRAWING No. 3-7 /4-3

PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING

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GRAHAM DEVELOPERS

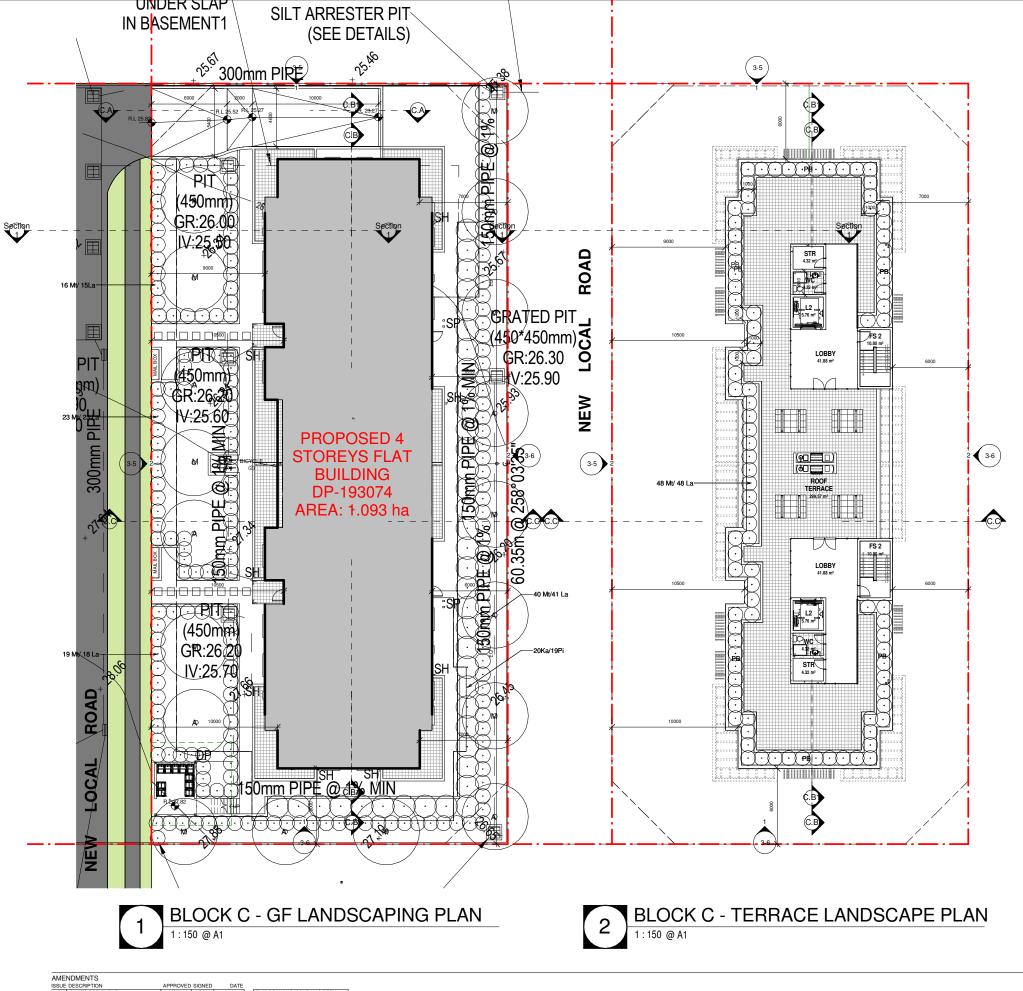
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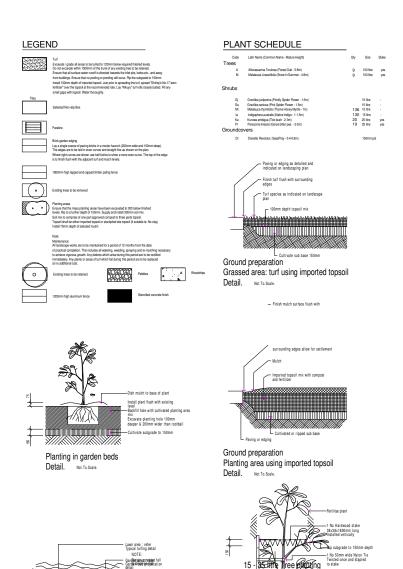
BLOCK C - SECTION B-B

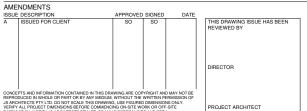
DATE 08/07/16	SCALE @ A1	DRAWN LM
PROJECT NUMBER	DRAWING No.	ISSUE
042/15-16	3-8 /4-3	Α

PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING











0m	3m	6m	9m	12m	15m
VISUAI	SCALE 1	:150 @ A	1		

Brick garden edge

DRAWING TITLE

BLOCK C - LANDSCAPING PLAN

08/07/16	SCALE @ A1	IM
PROJECT NUMBER	DRAWING No.	ISSUE

PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING

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in 20 119 846 575





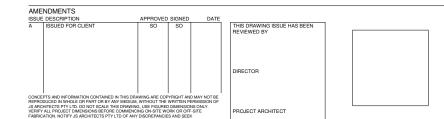


### **LEGEND**

#### MATERIAL SCHEDULE

- AFS CONCRETE PAINTED PANEL (DULUX SOFTSUN)
- FROSTED SAFETY GLAZING BALUSTRADE
- AFS CONCRETE PAINTED PANEL (DULUX PA RED)
- AFS CONCRETE PAINTED PANEL (WHITE)
- ALUM GREY PANEL PRIVACY SLIDING SCREENS (WHITE)

- ALUM GREY PANEL LOUVERS
- FACE BRICK PAINTED (DULUX -CANYON CLOUD)
- LAMINATE TIMBER FEATURE VERTICAL PANELS (WHITE)
- ALUM PERGOLA PAINTED GREY



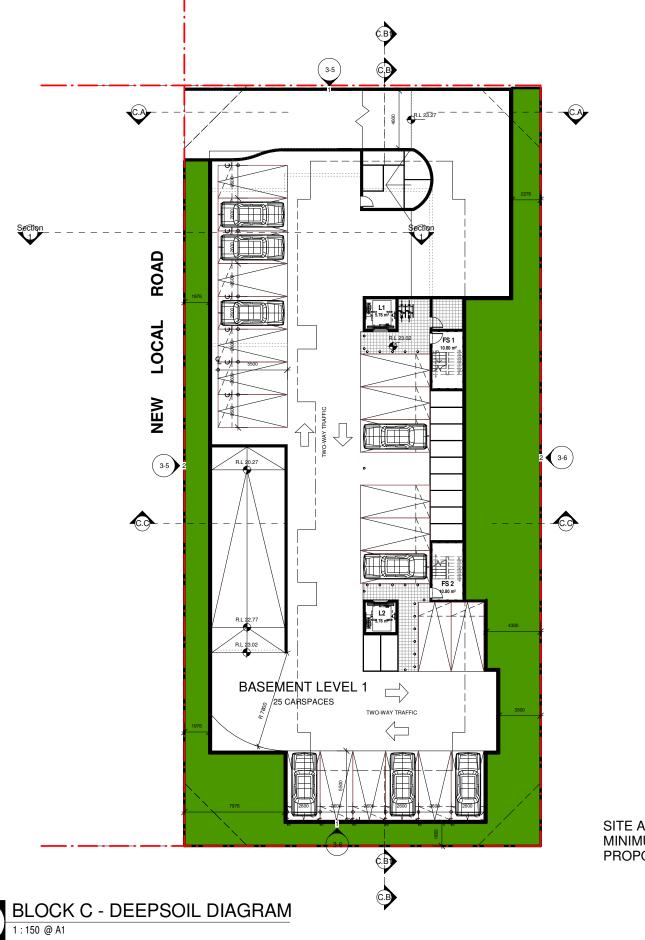
CLIENT GRAHAM DEVELOPERS

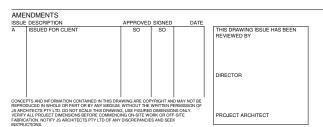
DRAWING TITLE

BLOCK C - MATERIALS & FINISHES SCHEDULE

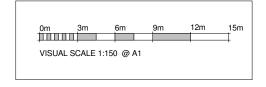
042/15-16	3-14/4-3	Δ
PROJECT NUMBER	DRAWING No.	ISSUE
08/07/16		
DATE	SCALE @ A1	DRAWN

PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING









SITE AREA: 1706.43 sqm MINIMUM REQUIRED DEEPSOIL: 426.60 sqm (25%) PROPOSED DEEPSOIL AREA: 439.71 sqm (27.06%)

CLIENT GRAHAM DEVELOPERS

DRAWING TITLE

BLOCK C - DEEPSOIL DIAGRAM

DATE 08/07/16	SCALE @ A1	DRAWN
PROJECT NUMBER	DRAWING No.	ISSUE

PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING

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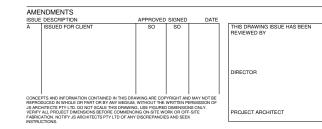
M8N 70 119 948 575
Monimade Architects: Symon Octyperator (1944) Annes





		BLOCK	C - CRC	SS VENT	ILATION
FLOORS	GROUND FLOOR	1 ST FLOOR	2ND FLOOR	3RD FLOOR	TOTAL UNITS
1 BED	0	0	0	0	2
2 BED	4	4	4	4	16
3 BED	2	2	2	2	8
TOTAL PER FLOOR	6	6	6	6	24
				24 UNIT	S = 100.00%
		MINIMUM	REQUIRED (	JNDER SEPP	65 = 70.00%
NOTES: U	INITS MARKED IN	RED ACHIEV	'E MIN OF 2-3		AR ACCESS 21 ST JUNE

# BLOCK C - CROSS VENTILATION DIAGRAM 1:150 @ A1





0m	3m	6m	9m	12m	15m
VISUAI	L SCALE 1	:150 @ A <sup>-</sup>	1		

## CLIENT GRAHAM DEVELOPERS

DRAWING TITLE

BLOCK C - CROSS VENTILATION DIAGRAM

DATE	SCALE @ A1	DRAWN
08/07/16		LM
PROJECT NUMBER	DRAWING No. 3-11 /4-3	ISSUE

PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING

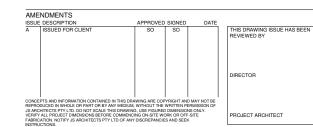
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Novel 1984-8645





	1	BLOCK C	- SOLAR	ACCESS
GROUND FLOOR	1 ST FLOOR	2ND FLOOR	3RD FLOOR	TOTAL UNITS
0	0	0	0	0
3	3	3	3	12
2	2	2	2	8
5	5	5	5	20
			20 UN	NITS = 83.33%
		MIN	MUM REQUI	RED = 70.00%
NOTES: UNITS M	ARKED IN RE			
	0 3 2 5	GROUND FLOOR 1 ST FLOOR  0	GROUND FLOOR   1 ST FLOOR   2ND FLOOR   0	3 3 3 3 3 2 2 2 2 5 5 5 5 5

# BLOCK C - SOLAR ACCESS DIAGRAM 1:150 @ A1





0m	3m	6m	9m	12m	15m
VISUA	L SCALE 1	:150 @ A	1		-

# CLIENT GRAHAM DEVELOPERS

DRAWING TITLE

BLOCK C - SOLAR ACCESS DIAGRAM

DATE	SCALE @ A1	DRAWN
08/07/16		LM
PROJECT NUMBER	DRAWING No.	ISSUE
042/15-16	3-12 /4-3	Α

PROJECT NO 217 GRANGE RD MARSDEN PARK -FLAT BUILDING

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