SJB Architects

Area Calulations for Pagewood

Site for Meriton - S96.2

#### Urban Block 5W 130-150 Bunnerong Road, Pagewood

# SJB Architects T 61 2 9380 9911 F 61 2 9380 9922

Date: 08.08.2017 Client: Meriton

Meriton Group Level 11, Meriton Tower, 528 Kent St, Sydney 2000 **MERITON** T 61 2 9287 2888 F 61 2 9287 2777 T 61 2 9287 2888 |

Sheet Name COVER SHEET

> SECTIONS SECTIONS **VENTILATION ANALYSIS GFA CALCULATION**

Level 2, 490 Crown Street Surry Hills NSW 2010 Australia

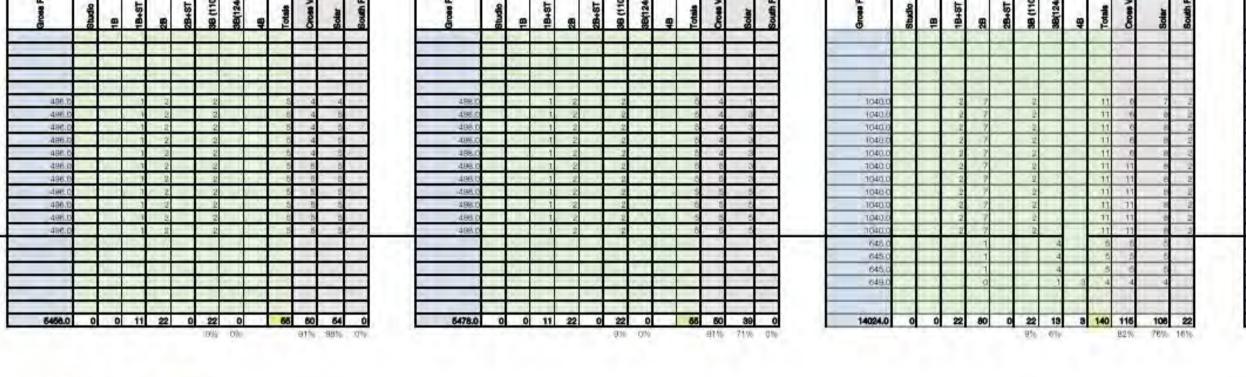
Project Number: 5364



Contents

DA0731

DA0000 FLOOR PLAN - LEVEL 5 DA0205 FLOOR PLAN - LEVELS 12-14 DA0212 FLOOR PLAN - LEVEL 15 DA0215 DA0216 FLOOR PLAN - LEVELS 16-18 DA0217 FLOOR PLAN - LEVEL 19 FLOOR PLAN - ROOF DA0220 **ELEVATIONS - NORTH** DA0501 **ELEVATIONS - SOUTH** DA0502 DA0503 **ELEVATIONS - EAST ELEVATIONS - WEST** DA0504 **ELEVATIONS - ROOF DETAIL** DA0505 ELEVATIONS - ROOF DETAIL DA0506 DA0601 DA0602



Building C



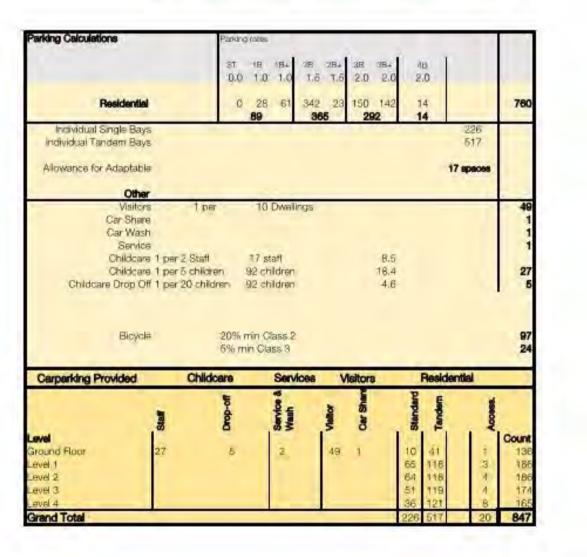
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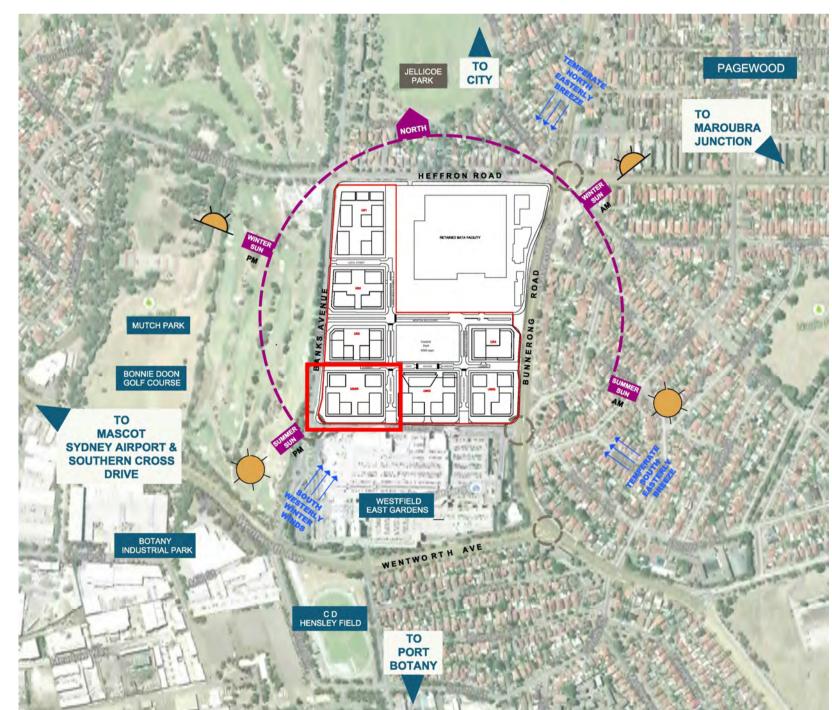


BASIX COMMITMENTS

28+ST	3B(110sqm)	3B(124eqm)	
15	75	71	- 2
6%	51%	49%	15
	14	6	-7
	10 28+ST	28+8T	10 75 71 88(154edul)



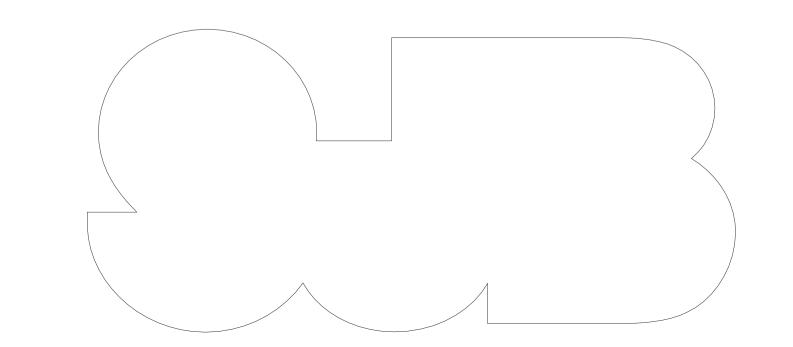
	Thermal comfort			BASIX water inclusions	
Glazing Doors/windows	ws Aluminium framed single tint glazing to all units:		Appliances within units	Dishwashers: 4.5 star	
	U-Value: 6.83 (equal to or lower than) SHGC Aluminium framed low-e tint glazing to units <b>a</b> :		Fixtures within units	Showerheads: Mid flow (>6L but <=7.5 L/min) Toilets: 4.0 star	Kitchen taps: 4.0 star Bathroom vanity taps: 4.0 star
	U-Value: 4.68 (equal to or lower than) SHGC Given values are NFRC, total window values	: 0.39 (±10%)	Fixtures to common areas	Showerheads: Mid flow (>6L but <=7.5 L/min) Toilets: 4.0 star	
Roof	Concrete roof no insulation - Default colour			Vanity taps: 4.0 star	
Ceiling	Plasterboard ceiling, R2.0 insulation where expo Plasterboard ceiling, R2.5 insulation where expo assessor certificate		Pool & Spa	Pool to have a capacity no greater than 180kL Spa to have a capacity no greater than 6kL	
	Plasterboard ceiling, no insulation where neigh Note: Loss of ceiling insulation due to penetrat	-	Central rainwater storage	Tank size 10,000L  Collecting from 1300m2 roof area (non-trafficable I  Connected to outdoor tap for irrigation of all lands	
	for in accordance with BCA Technical Note 2 ar	d assume non-ventilated LED down lights.	Fire Sprinkler System	Fire sprinkler system to be contained in a close	d loop for reuse
External wall	II 150mm precast concrete walls with R1.5 insulation throughout		BASIX energy inclusions		
	Colourbacked glass spandrel with R1.5 insulation precast concrete spandr	**************************************	Ventilation	Communal Facilities – air conditioned – time cle Changing rooms - Exhaust air - time clock or Bl	
Inter tenancy walls	75 mm Hebel power panel wall – R1.7 (75mm) insu Concrete to lift shaft and fire stairs walls with R			Car park area – supply & exhaust air with a cart	
Walls with-in dwellings	Plasterboard on studs – no insulation.			Garbage room & bin shoots – Exhaust air, runn	ing continuously
Floors	Concrete – R1.2 floor insulation where floor is e Concrete between levels no insulation	exposed as per assessor certificate:		Plant or service rooms – Supply only, interlocke  Ground floor lobbies – ventilation supply – time	-
Floor coverings	Carpet to bedrooms, living areas, tiles to wet areas and kitchens			Hallways – ventilation supply – time clock or BN	AS controlled
Hot water system  Lift motors	Central gas-fired boiler with R1.0 (~38mm) insu All lifts to have gearless traction with VVVF mot		Artificial lighting	Communal Facilities – Compact fluorescent or I	EDs with manual on / manual off switch
Artificial lighting	At least 80% of all light fittings with-in each room a		to common areas	Changing rooms - Compact fluorescent or LED	
within units  Appliances & other	Gas cooktop & electric oven Dishwashers: 3.5 star	Clothes dryers: 2.0 star Well ventilated fridge space		Car park area - Fluorescent lights with zoned s  Lifts – LED lights connected to lift call button	witching and motion sensors
efficiency measures	All units to have individual, single phase, reverse cy			Garbage room & bin shoots – Fluorescent light	s with motion sensor
Heating & cooling within units	bedroom.  2.0 stars is required in cooling mode & 2.5 stars her  2.0 stars is required in cooling mode & 3.0 stars her  Day night zoning nominated			Plant or services rooms – Fluorescent lights with Ground floor lobbies – LED downlights with zoo Hallways – LED downlights with zoned switchin	ned switching and motion sensors
Pool, Spa & Sauna	Pool & spa heating systems: Gas Pool and spa pumps to be controlled by a timer Saunas: gas heating – manual on / timer off			Lobbies & hallways to have low level lighting to	
Alternative energy	No BASIX requirement for alternative energy		Ventilation within units	Bathroom – Individual fan, ducted to roof or façade Laundry – Individual fan, ducted to roof or façade – Kitchen range hood – Individual fan, not ducted – n	manual on / manual off switch



SITE LOCATION

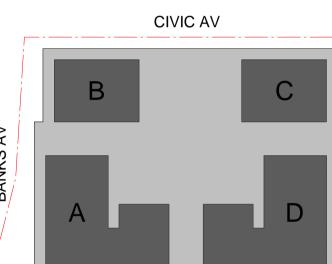
435.0 Commud 365.0 Basement

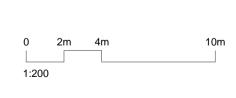
51702.0 Total GFA





Nominated Architects: Adam Haddow-7188 | John Pradel-7004

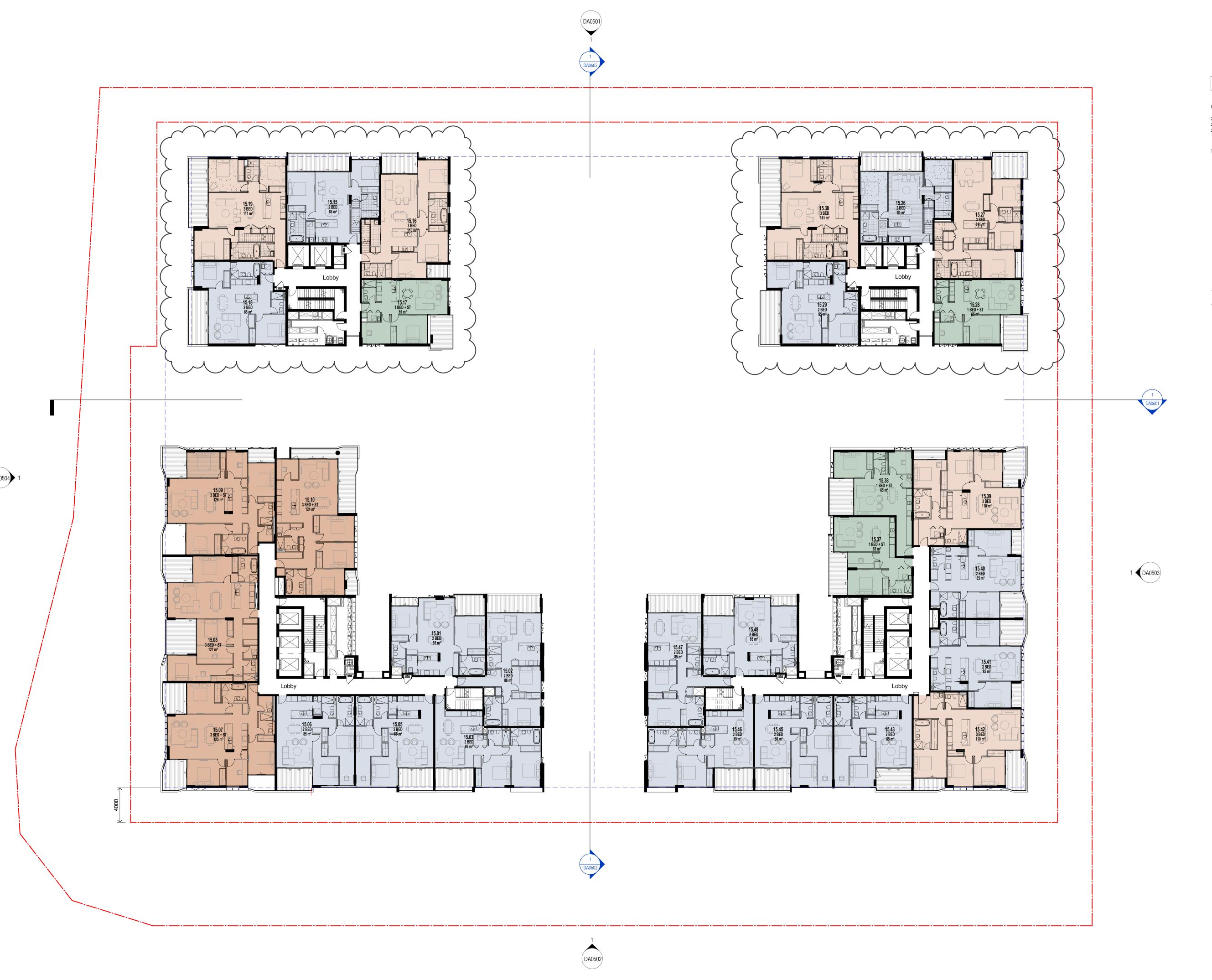




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DA0205 / 26





Nominated Architects: Adam Haddow-7188 | John Pradel-7004

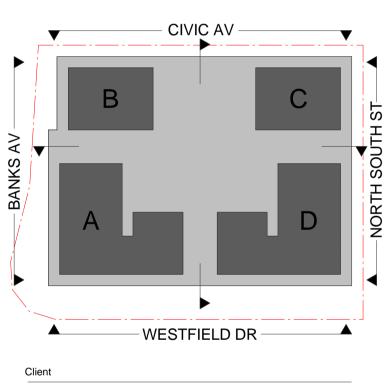
Rev Date Revision

26 27.02.2017 Section 96 27 30.03.2017 Section 96 - RL table added to plans 29 13.07.2017 Section 96 - Roof Terraces Adjusted - Canopies removed/ glass balustrade added to terrace perimeter in elevation/ detail elevation sheets added/ cross vent drawing adjusted

30 08.08.2017 Section 96 - Roof Terraces Amended -Lightweight canopies added

LEVEL	REDUCED LEVEL
Lv 15	69.400

**Building Key** 

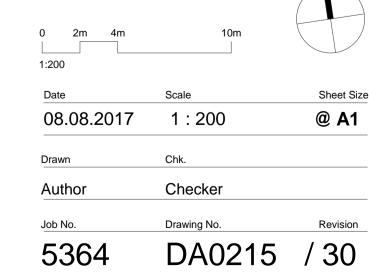




Urban Block 5W 130-150 Bunnerong Road, Pagewood

Drawing Name

## FLOOR PLAN - LEVEL 15







Nominated Architects: Adam Haddow-7188 | John Pradel-7004

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Rev	Date	R

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2	16.11.2015	For Stru
3	02.12.2015	Design F

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4 08.12.2015 Draft For Coordination 5 10.12.2015 Design Review 6 15.12.2015 Design Review 8 23.12.2015 Design Review

9 06.01.2016 Design Review 10 13.01.2016 Design Review 11 15.01.2016 Final Draft DA 12 20.01.2016 Design Review

13 29.01.2016 DA ISSUE 21 20.05.2016 REVISED DA ISSUE 24 07.10.2016 Section 96 25 25.01.2017 Section 96 - RL Amendments 26 27.02.2017 Section 96

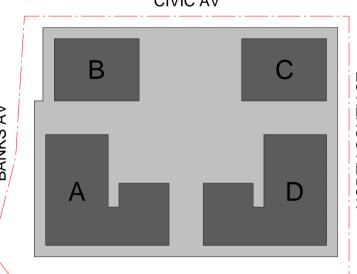
27 30.03.2017 Section 96 - RL table added to plans 28 14.06.2017 Section 96 - Roof Terraces Amended 29 13.07.2017 Section 96 - Roof Terraces Adjusted - Canopies removed/ glass balustrade added to terrace

perimeter in elevation/ detail elevation sheets added/ cross vent drawing adjusted 30 08.08.2017 Section 96 - Roof Terraces Amended -Lightweight canopies added

LEVEL	REDUCED LEVEL
Lv 18	78.900
Lv 17	75.800
Lv 16	72.700



CIVIC AV



WESTFIELD DR

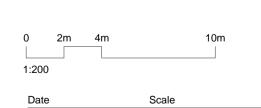


## Urban Block 5W

130-150 Bunnerong Road, Pagewood

**Drawing Name** 

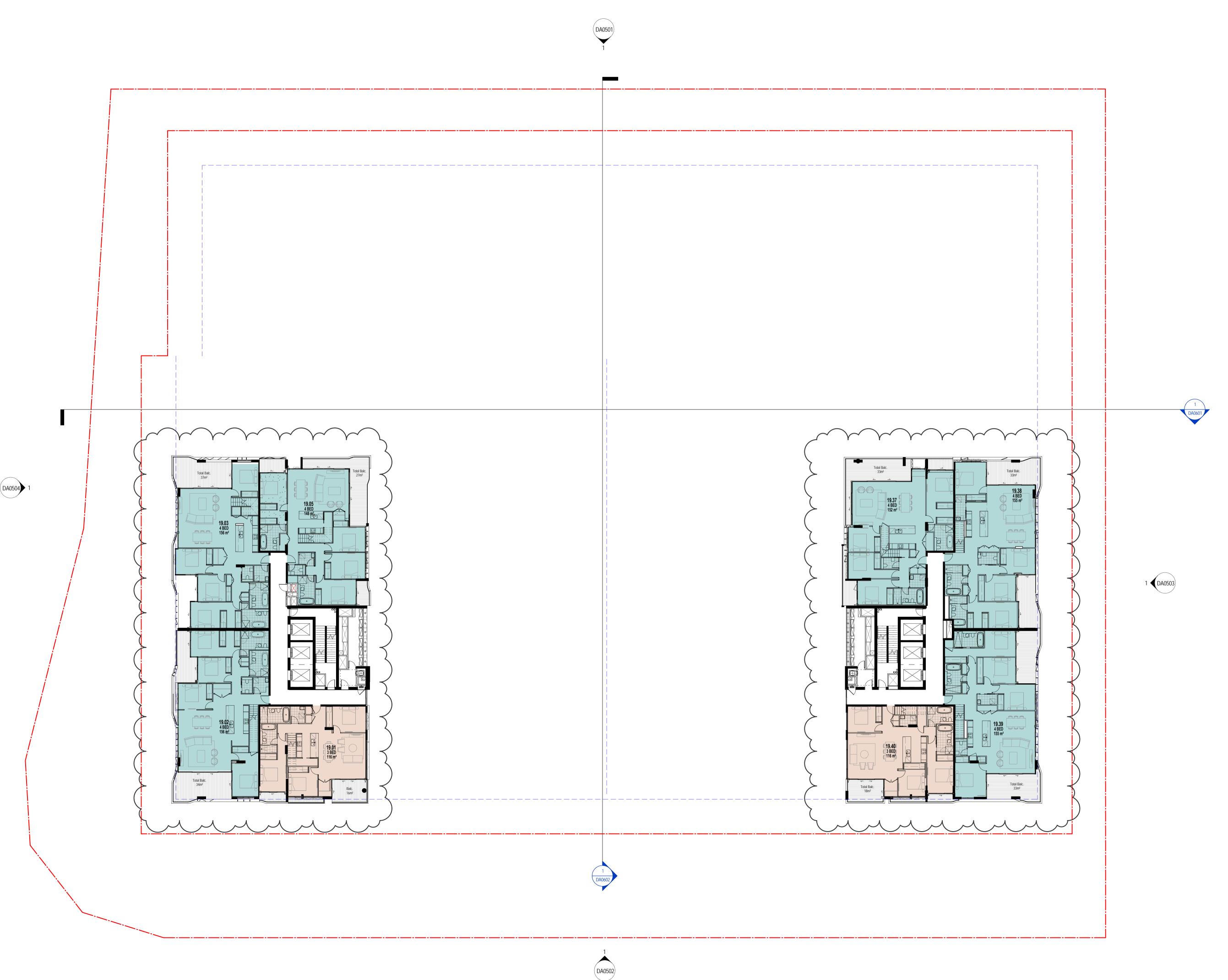
#### FLOOR PLAN - LEVELS 16-18



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DA0216 / 30





Nominated Architects: Adam Haddow-7188 | John Pradel-7004

<b>S96</b>	
JYD	

Rev Date Revision

24 07.10.2016 Section 96

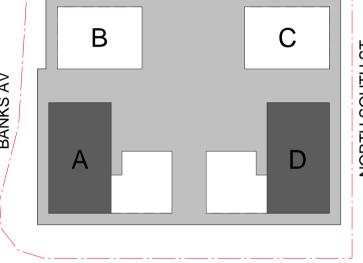
26 27.02.2017 Section 96 27 30.03.2017 Section 96 - RL table added to plans

29 13.07.2017 Section 96 - RL table added to plans
29 13.07.2017 Section 96 - RL table added to plans
29 removed/ glass balustrade added to terrace
29 perimeter in elevation/ detail elevation sheets
29 added/ cross vent drawing adjusted 30 08.08.2017 Section 96 - Roof Terraces Amended - Lightweight canopies added

LEVEL	REDUCED LEVEL
Lv 19	82.000

**Building Key** 

CIVIC AV



WESTFIELD DR

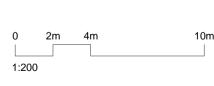


Urban Block 5W

130-150 Bunnerong Road, Pagewood

Drawing Name

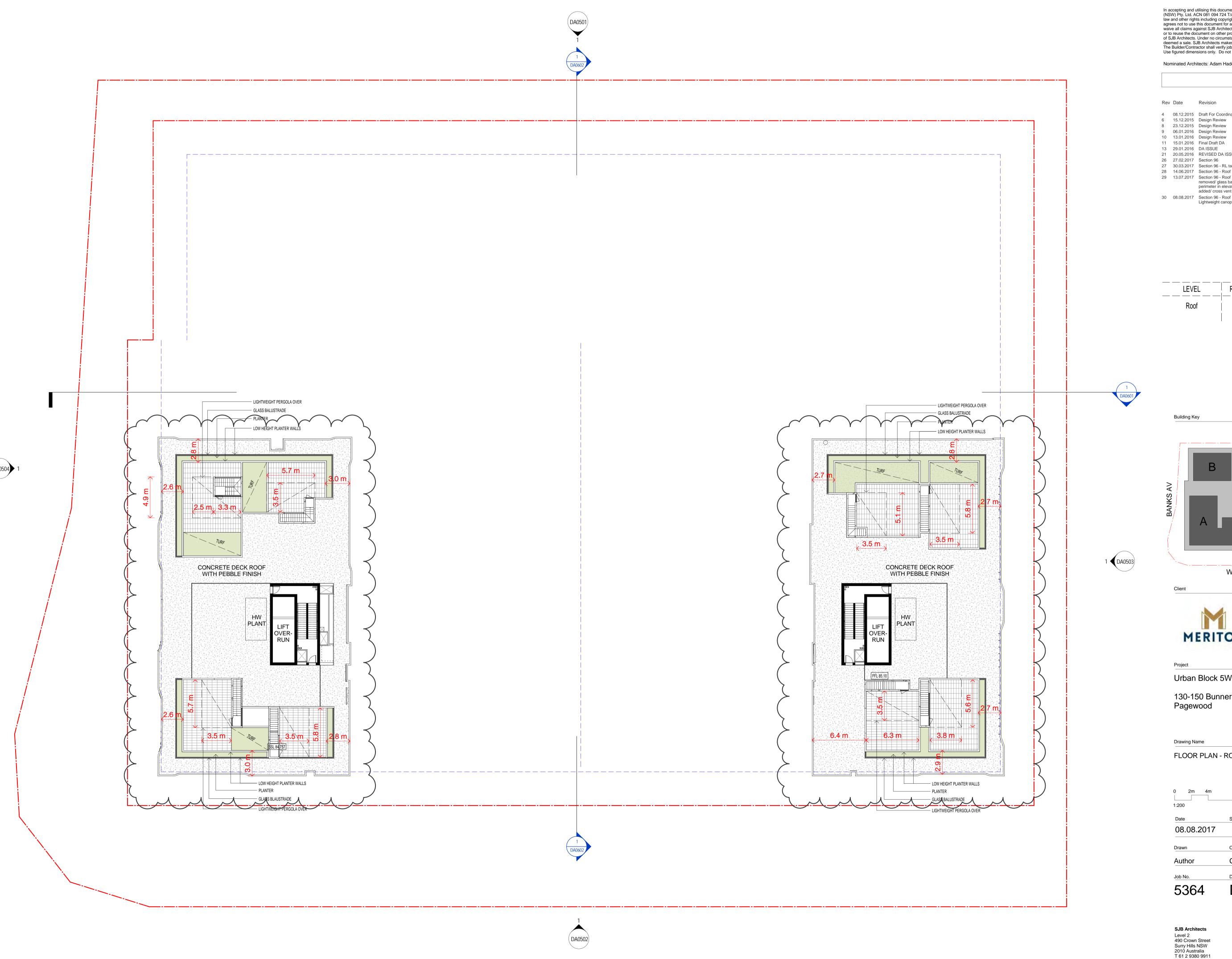
FLOOR PLAN - LEVEL 19



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Nominated Architects: Adam Haddow-7188 | John Pradel-7004

Rev	Date	Revisi

4 08.12.2015 Draft For Coordination
 6 15.12.2015 Design Review

11 15.01.2016 Final Draft DA 13 29.01.2016 DA ISSUE

21 20.05.2016 REVISED DA ISSUE 26 27.02.2017 Section 96 27 30.03.2017 Section 96 - RL table added to plans 28 14.06.2017 Section 96 - Roof Terraces Amended

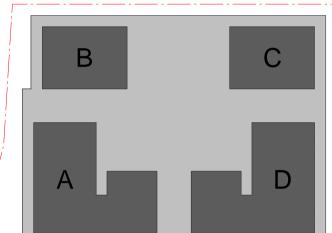
29 13.07.2017 Section 96 - Roof Terraces Adjusted - Canopies removed/ glass balustrade added to terrace perimeter in elevation/ detail elevation sheets added/ cross vent drawing adjusted 30 08.08.2017 Section 96 - Roof Terraces Amended -

Lightweight canopies added

\_\_\_\_\_ REDUCED LEVEL

**Building Key** 

CIVIC AV



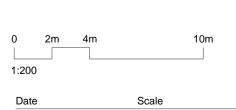
WESTFIELD DR



## Urban Block 5W

130-150 Bunnerong Road, Pagewood

#### FLOOR PLAN - ROOF

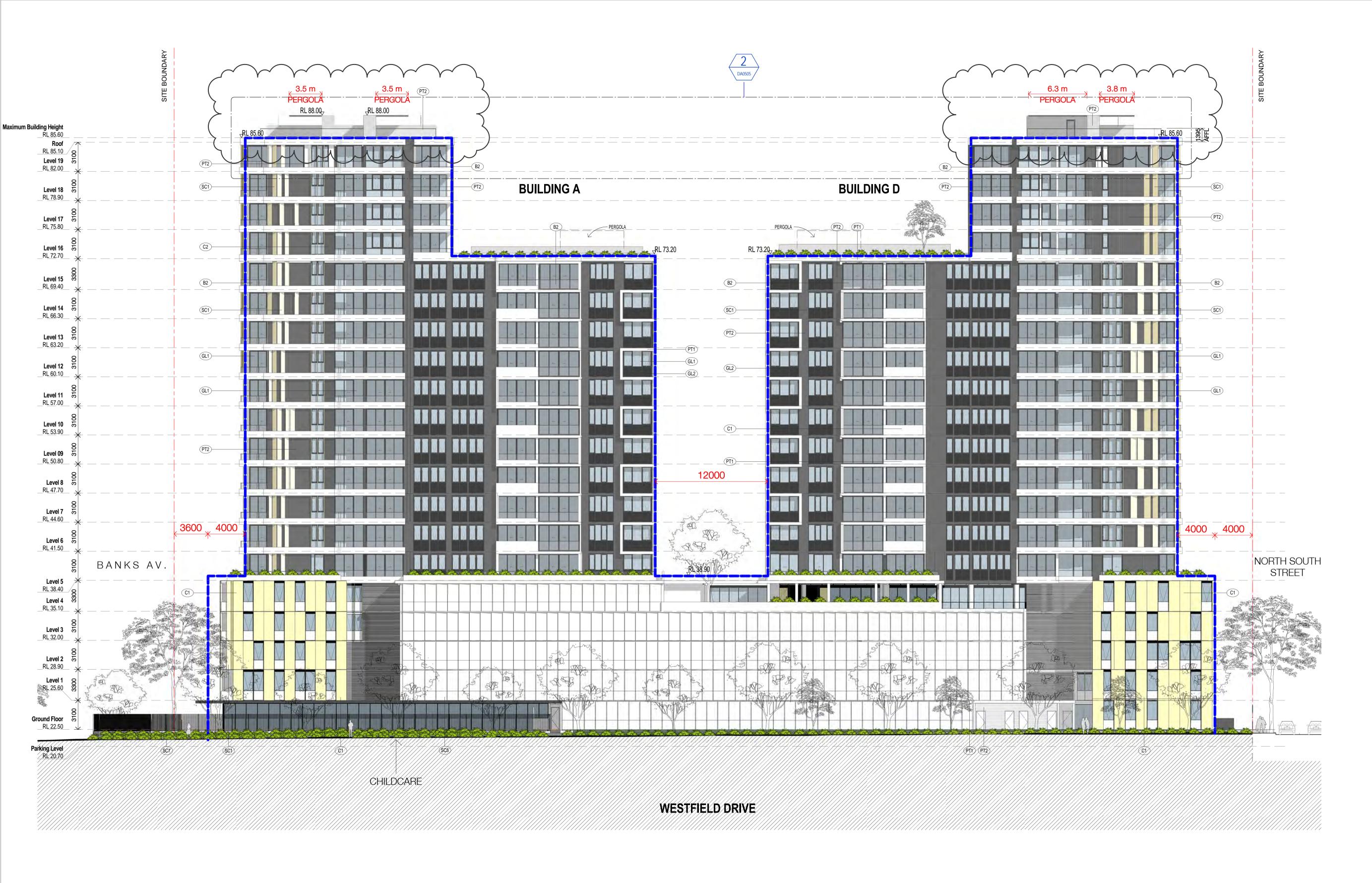


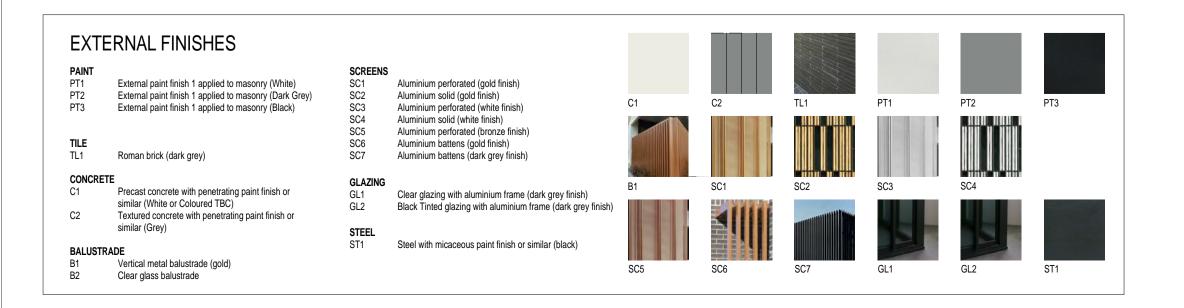
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Author	Checker	

DA0220 / 30









Nominated Architects: Adam Haddow-7188 | John Pradel-7004

### **S96**

 Rev
 Date
 Revision

 1
 28.09.2015
 Competition Issue

 4
 08.12.2015
 Draft For Coordination

 6
 15.12.2015
 Design Review

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 23.12.2015
 Design Review

 9
 06.01.2016
 Design Review

 10
 13.01.2016
 Design Review

 11
 15.01.2016
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 13
 29.01.2016
 DA ISSUE

 21
 20.05.2016
 REVISED DA ISSUE

 24
 07.10.2016
 Section 96

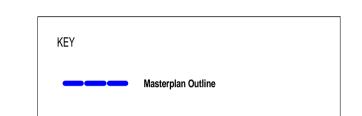
 25
 25.01.2017
 Section 96 - RL Amendments

 26
 27.02.2017
 Section 96 - Roof Terraces Amended

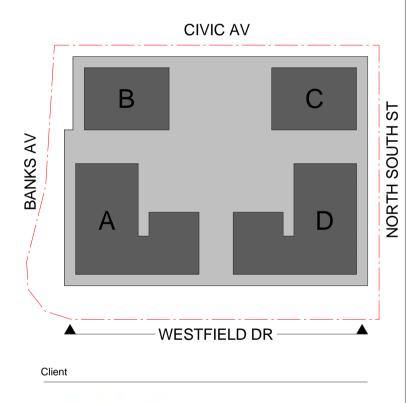
 29
 13.07.2017
 Section 96 - Roof Terraces Adjusted - Canopies removed/ glass balustrade added to terrace perimeter in elevation/ detail elevation sheets added/ cross vent drawing adjusted

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Lightweight canopies added



**Building Key** 



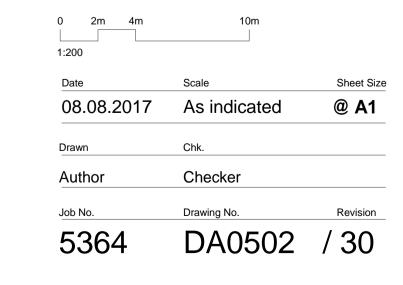


Urban Block 5W

130-150 Bunnerong Road, Pagewood

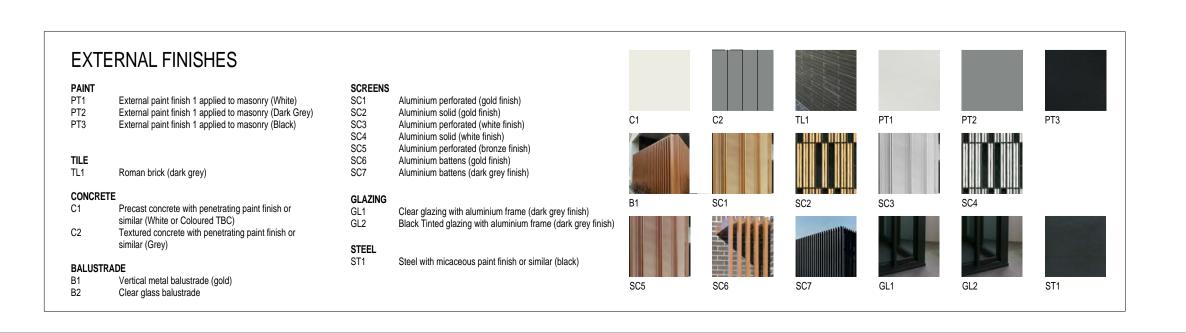
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**ELEVATIONS - SOUTH** 









Nominated Architects: Adam Haddow-7188 | John Pradel-7004

#### **S96**

 Rev
 Date
 Revision

 1
 28.09.2015
 Competition Issue

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 08.12.2015
 Draft For Coordination

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 9
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 Design Review

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 21
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 REVISED DA ISSUE

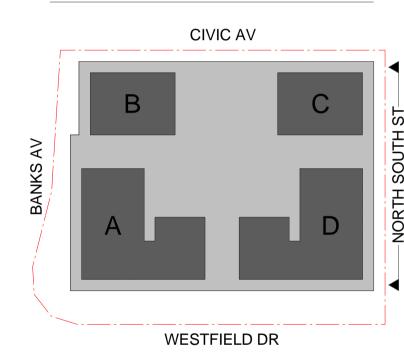
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 25.01.2017
 Section 96 - RL Amendments

26 27.02.2017 Section 96
28 14.06.2017 Section 96 - Roof Terraces Amended
29 13.07.2017 Section 96 - Roof Terraces Adjusted - Canopies removed/ glass balustrade added to terrace perimeter in elevation/ detail elevation sheets added/ cross vent drawing adjusted
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Lightweight canopies added

KEY

Building Key





Project

Urban Block 5W

130-150 Bunnerong Road, Pagewood

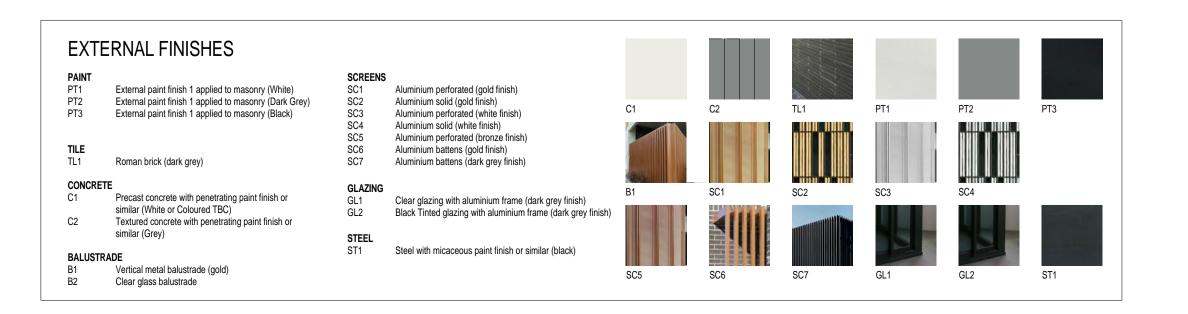
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**ELEVATIONS - EAST** 

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Job No.	Drawing No.	Revision
5364	DA0503	/ 20



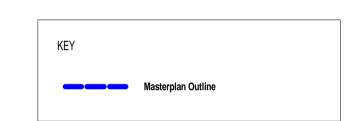




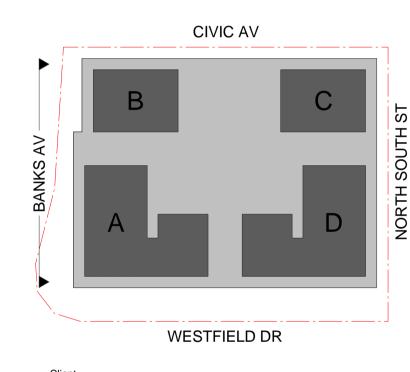
Nominated Architects: Adam Haddow-7188 | John Pradel-7004

#### **S96**

1 28.09.2015 Competition Issue 4 08.12.2015 Draft For Coordination 6 15.12.2015 Design Review 8 23.12.2015 Design Review 9 06.01.2016 Design Review 10 13.01.2016 Design Review 11 15.01.2016 Final Draft DA 13 29.01.2016 DA ISSUE 21 20.05.2016 REVISED DA ISSUE 25 25.01.2017 Section 96 - RL Amendments 26 27.02.2017 Section 96 28 14.06.2017 Section 96 - Roof Terraces Amended 29 13.07.2017 Section 96 - Roof Terraces Adjusted - Canopies removed/ glass balustrade added to terrace perimeter in elevation/ detail elevation sheets added/ cross vent drawing adjusted 30 08.08.2017 Section 96 - Roof Terraces Amended - Lightweight canopies added



Building Key





Project

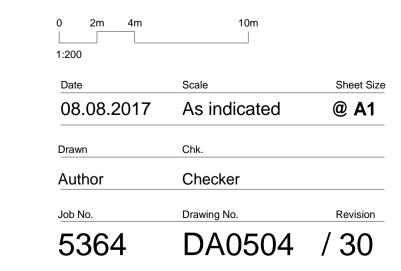
Pagewood

Urban Block 5W

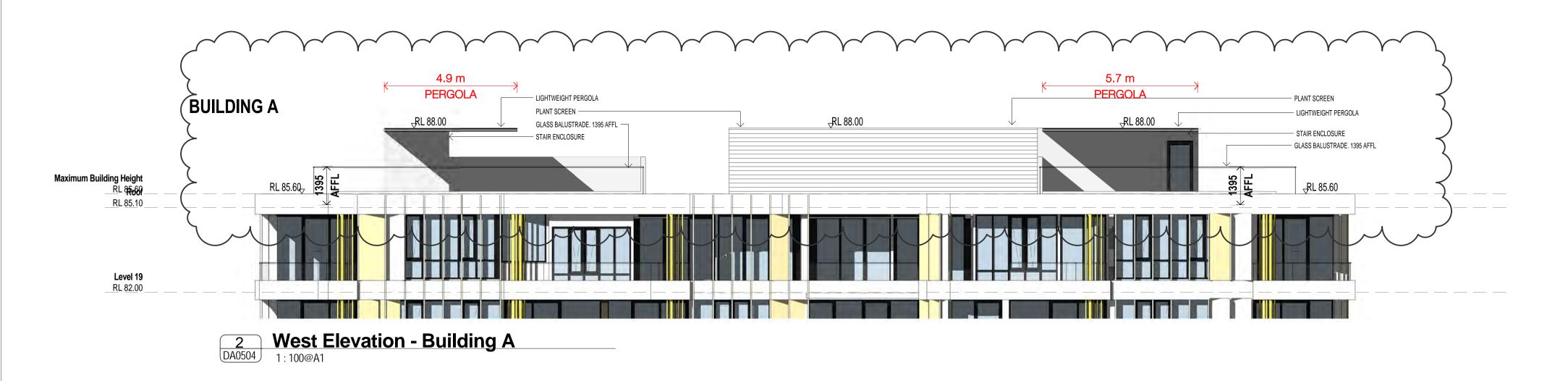
130-150 Bunnerong Road,

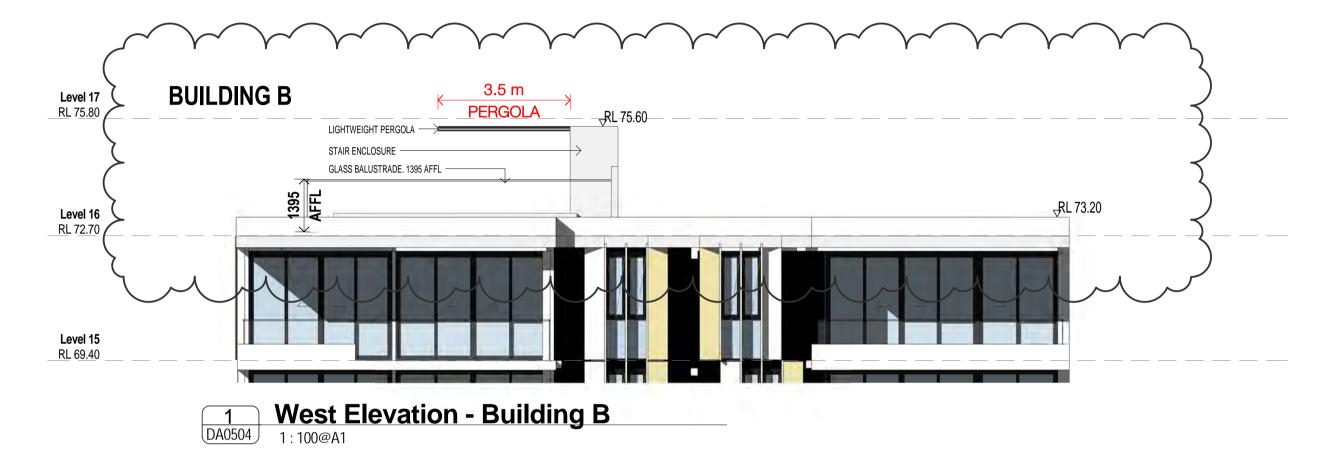
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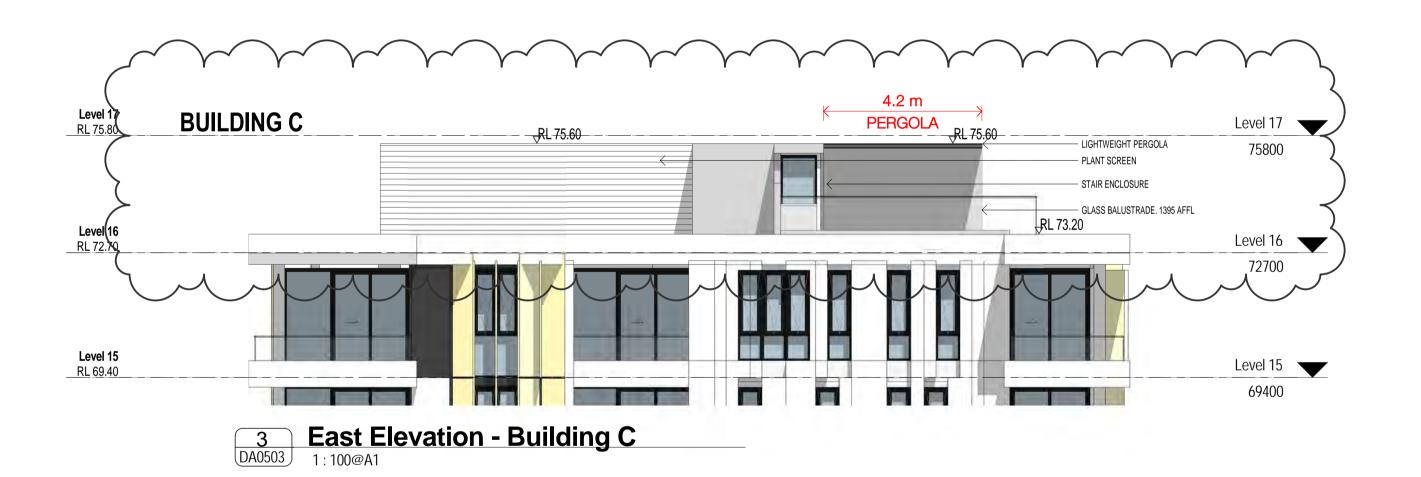
ELEVATIONS - WEST











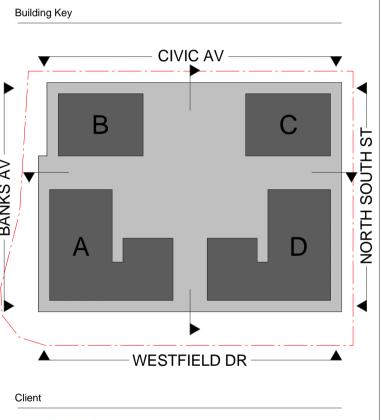
Nominated Architects: Adam Haddow-7188 | John Pradel-7004

### **S**96

Rev Date Revision

29 13.07.2017 Section 96 - Roof Terraces Adjusted - Canopies removed/ glass balustrade added to terrace perimeter in elevation/ detail elevation sheets added/ cross vent drawing adjusted

30 08.08.2017 Section 96 - Roof Terraces Amended - Lightweight canopies added





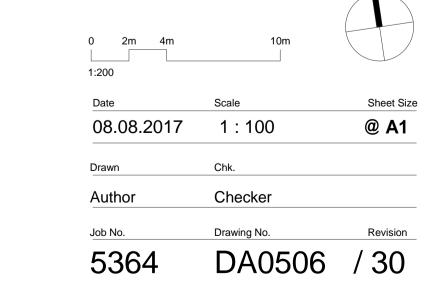
Project

Urban Block 5W

130-150 Bunnerong Road, Pagewood

Drawing Name

#### **ELEVATIONS - ROOF DETAIL**



SJB Architects Level 2 490 Crown Street Surry Hills NSW 2010 Australia T 61 2 9380 9911 F 61 2 9380 9922

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1:200@A1 08.08.2017 As indicated @ A1 DS NH EXTERNAL FINISHES Drawing No. DA0601 5364 Aluminium perforated (gold finish)
Aluminium solid (gold finish)
Aluminium perforated (white finish)
Aluminium solid (white finish) External paint finish 1 applied to masonry (White)
External paint finish 1 applied to masonry (Dark Grey) External paint finish 1 applied to masonry (Black) Aluminium perforated (bronze finish) Aluminium battens (gold finish) Roman brick (dark grey) Aluminium battens (dark grey finish) SJB Architects

Precast concrete with penetrating paint finish or similar (White or Coloured TBC)
Textured concrete with penetrating paint finish or

similar (Grey)

B1 Vertical metal balustrade (gold)
B2 Clear glass balustrade

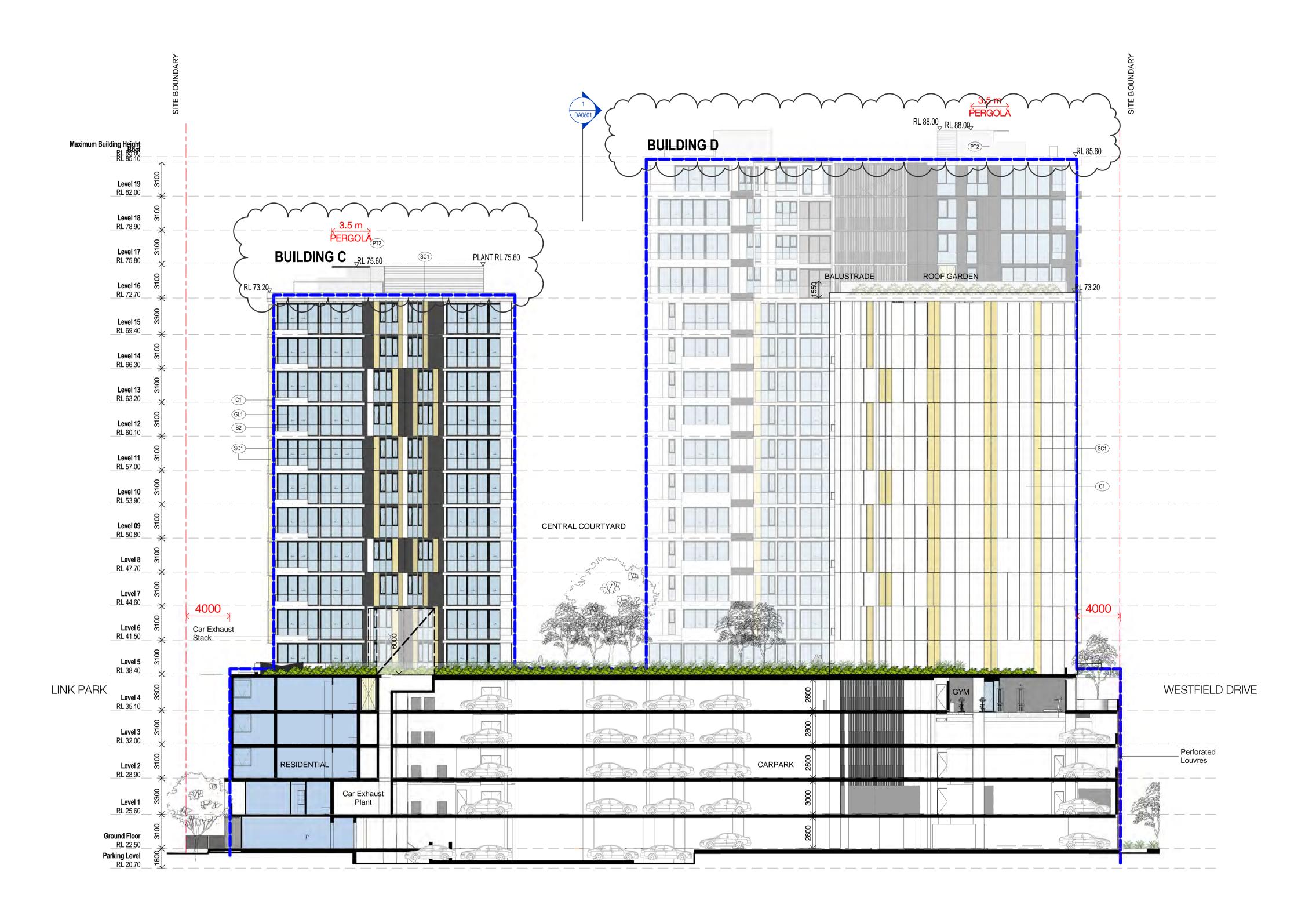
BALUSTRADE

Clear glazing with aluminium frame (dark grey finish) Black Tinted glazing with aluminium frame (dark grey finish)

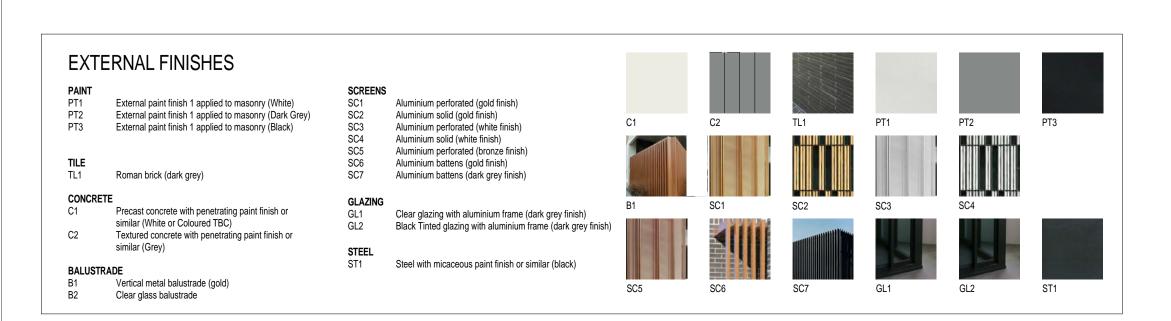
Steel with micaceous paint finish or similar (black)

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1 Section - Building A & C
1:200@A1



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### **S96**

Rev Date Revision

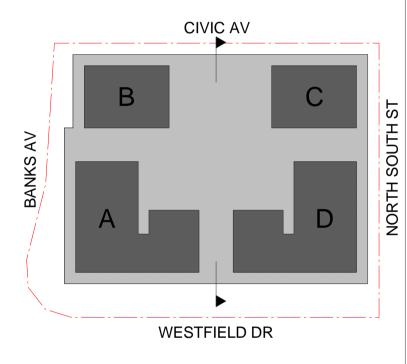
4 08.12.2015 Draft For Coordination 6 15.12.2015 Design Review 8 23.12.2015 Design Review 10 13.01.2016 Design Review 11 15.01.2016 Final Draft DA

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KEY

**Building Key** 



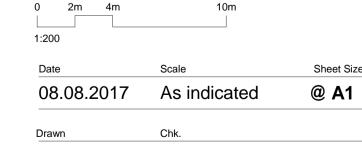
MERITON

Urban Block 5W

130-150 Bunnerong Road, Pagewood

**Drawing Name** 

SECTIONS



Author Checker Drawing No.

DA0602 / 30

Sheet Size



#### **BUILDING A - PLAN TYPICAL 1.8 M WINDSCREEN DETAIL BUILDING D-PLAN** SCALE 1:20@A3 44 X MUR PAN 500mm HIGH PLANTER. 1.395m HOB & 44 X MUR PAN 500mm HIGH PLANTER. LIGHTWEIGHT BALUSTRADE. REFER REFER TYPICAL 1.8m PERGOLA. REFER WINDSCREEN DETAIL ARCHITECTS DETAIL WINDSCREEN DETAIL ARCHITECTS DRAWINGS LIGHTWEIGHT PERGOLA. REFER **ARCHITECTS DRAWINGS** TOB 86.64 LOT 19.06 1.395m HOB & LOT 19.38 BALUSTRADE. REFER LOT 19.37 ARCHITECTS DETAIL LOT 19.05 PERGOLA. REFER ARCHITECTS DRAWINGS 1040m HIGH BALUSTRADE TO ARCHITECTS DETAIL 75mm DEPTH MULCH TOW 85.60 - PLANTER SOIL MEDIA 1.395m HOB & - WATER PROOFING TO ENGINEERS DETAIL BALUSTRADE. REFER 1.395m HOB & GEOFABRIC LAYER TO TOP OF DRAINAGE CELL BALUSTRADE. REFER DRAINAGE CELL. DIRECT DRAINAGE TO ARCHITECTS DETAIL EXISTING STORMWATER OUTLET POINTS ARCHITECTS DETAIL - MAINTENANCE ACCESS SURFACE TREATMENT PRIVATE COURTYARD TILES 500mm HIGH PLANTER WALL FROM FINISHED ADJACENT SURFACE - PLANTER DRAINAGE OUTLET. REFER ENGINEERS DRAWINGS STRUCTURAL SLAB. REFER ENGINEERS DRAWINGS HW PLANT HW PLANT OVER-RUN **OVER-RUN** Plant Schedule **BOTANICAL NAME** COMMON NAME DENSITY / m<sup>2</sup> QTY SIZE LIGHTWEIGHT FFL 85.10 PERGOLA. REFER 157 MUR PAN 45L 3 ARCHITECTS DRAWINGS Murraya paniculata Mock Orange 1.395m HOB & BALUSTRADE. REFER ARCHITECTS DETAIL **LEGEND** LIGHTWEIGHT PERGOLA. REFER 1.395m HOB & ARCHITECTS DRAWINGS MAINTENANCE ACCESS PRIVATE COURTYARD LOT-19.41 LOT 19.40 BALUSTRADE. REFER (GRAVEL) **TILES ARCHITECTS DETAIL** 1.395m HOB & BALUSTRADE. REFER ARCHITECTS DETAIL

34 X MUR PAN

500mm HIGH PLANTER.

REFER TYPICAL 1.8m

WINDSCREEN DETAIL



25 X MUR PAN

PAGEWOOD UB5W
LEVEL 20 ROOFTOP LANDSCAPE PLANS

10 X MUR PAN

500mm HIGH PLANTER.

REFER TYPICAL 1.8m

WINDSCREEN DETAIL

500mm HIGH PLANTER.

REFER TYPICAL 1.8m

WINDSCREEN DETAIL



TURF

#### **BUILDING B-PLAN**



## **BUILDING C - PLAN**





PAGEWOOD UB5W LEVEL 16 LANDSCAPE PLANS

#### **TYPICAL PERGOLA DETAIL**

#### SCALE 1:20@A3

