

DA-B DRAWINGS AMENDED AS SHOWN CLOUDED 29/01/2018 Y T AHM DA-A ISSUED FOR DEVELOPMENT APPLICATION 03/08/2017 Y T **AMENDMENT** 

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**Development Application** Original Design: Zhinar Architects

GENERAL NOTES:

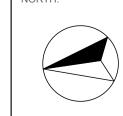
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Basement 5 Plan DESIGNED: DRAWN: COMMENCED: SCALE: PRINT: 1:125@A1 A3 SHEET 1:250@A3

Monday, 29 January 2018 2:45 PM

L.G.A: Cumberland Council

ZHINAR ARCHITECTS Zhinar Architects Pty Ltd ABN: 28 495 869 790 Suite 1 Level 2, 2 Rowe Street (Cnr Ryedale Road), Eastwood NSW 2122 PH: (+61 2) 8893 8888 WEB: www.zhinar.com.au

MIXED USE DEVELOPMENT 4-14 Mark St Lidcombe, NSW 2141

8538 DA - B:05A



Basement 4 Scale 1: 250 @ A3

**REVISION B:** - Fire stairs relocated to north eastern corner

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**Development Application** Original Design:
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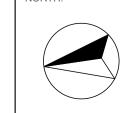
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8538 DA - B:05B



Basement 3 Scale 1 : 250 @ A3

DA-B DRAWINGS AMENDED AS SHOWN CLOUDED 29/01/2018 Y T

- Fire stairs relocated to north eastern corner

**AMENDMENT** 

**REVISION B:** 

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**Development Application** Original Design:
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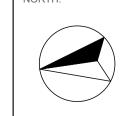
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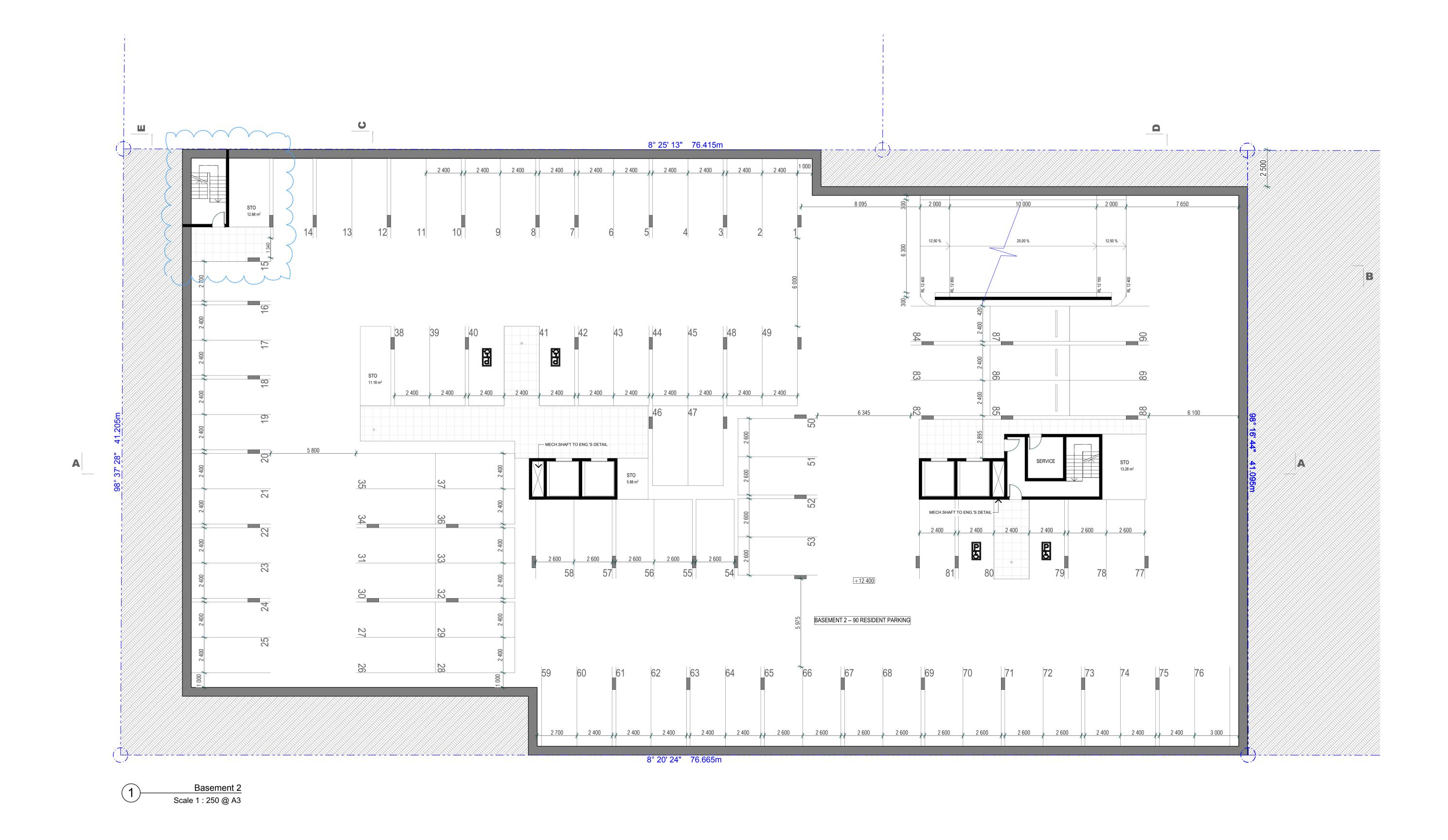
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MIXED USE DEVELOPMENT 4-14 Mark St Lidcombe, NSW 2141

8538 DA - B:06



**REVISION B:** - Fire stairs relocated to north eastern corner

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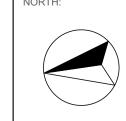
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Basement 2 Plan

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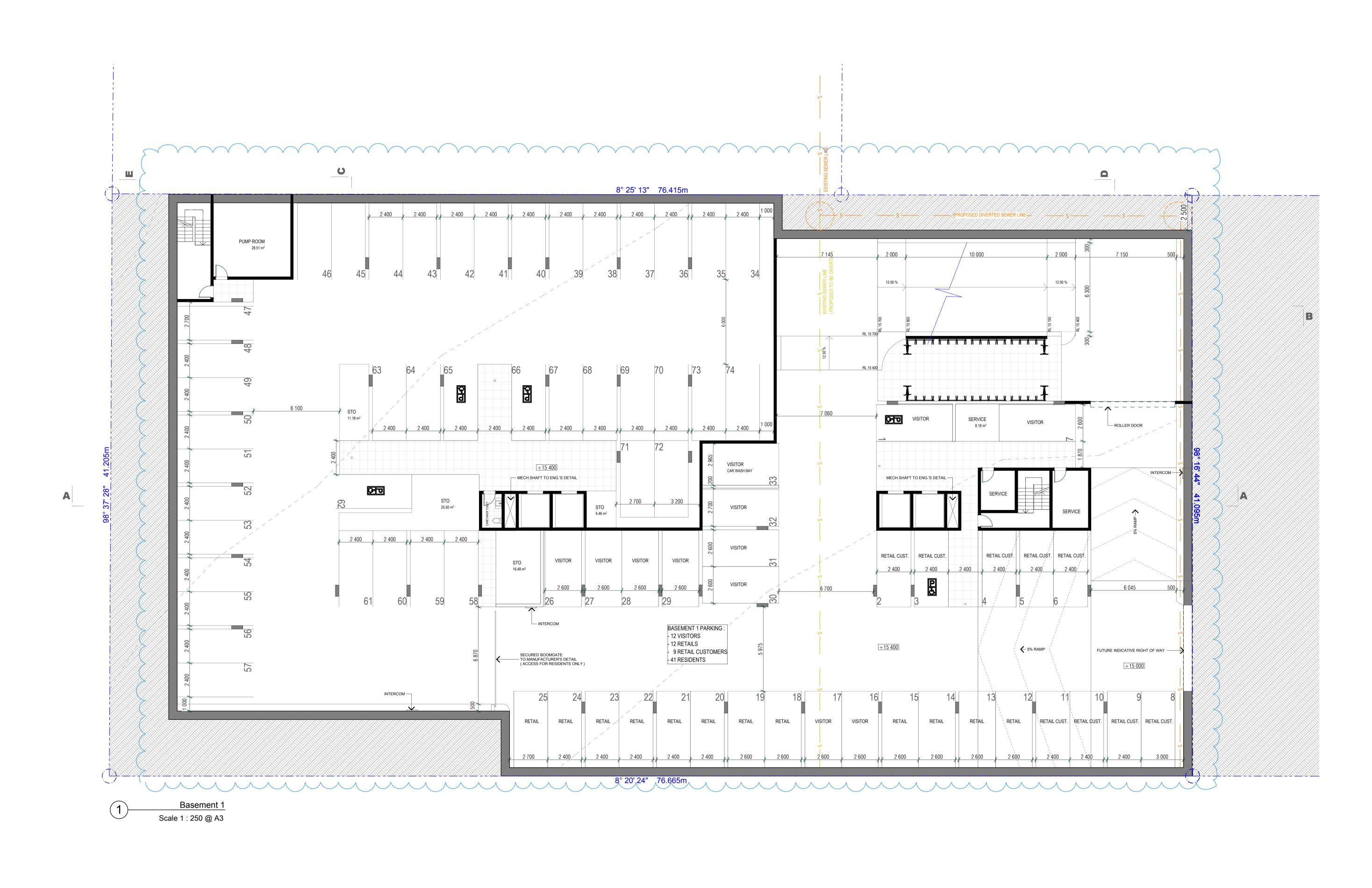
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Lidcombe, NSW 2141 8538 DA - B:07

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REVISION B : - Basement 1 layout amended to separate public and private parkings - Fire stairs relocated to north eastern corner

DA-B	DRAWINGS AMENDED AS SHOWN CLOUDED	29/01/2018	ΥT	AHM
DA-A	ISSUED FOR DEVELOPMENT APPLICATION	03/08/2017	ΥT	AHM
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Original Design:
Zhinar Architects



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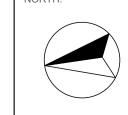
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Basement 1 Plan

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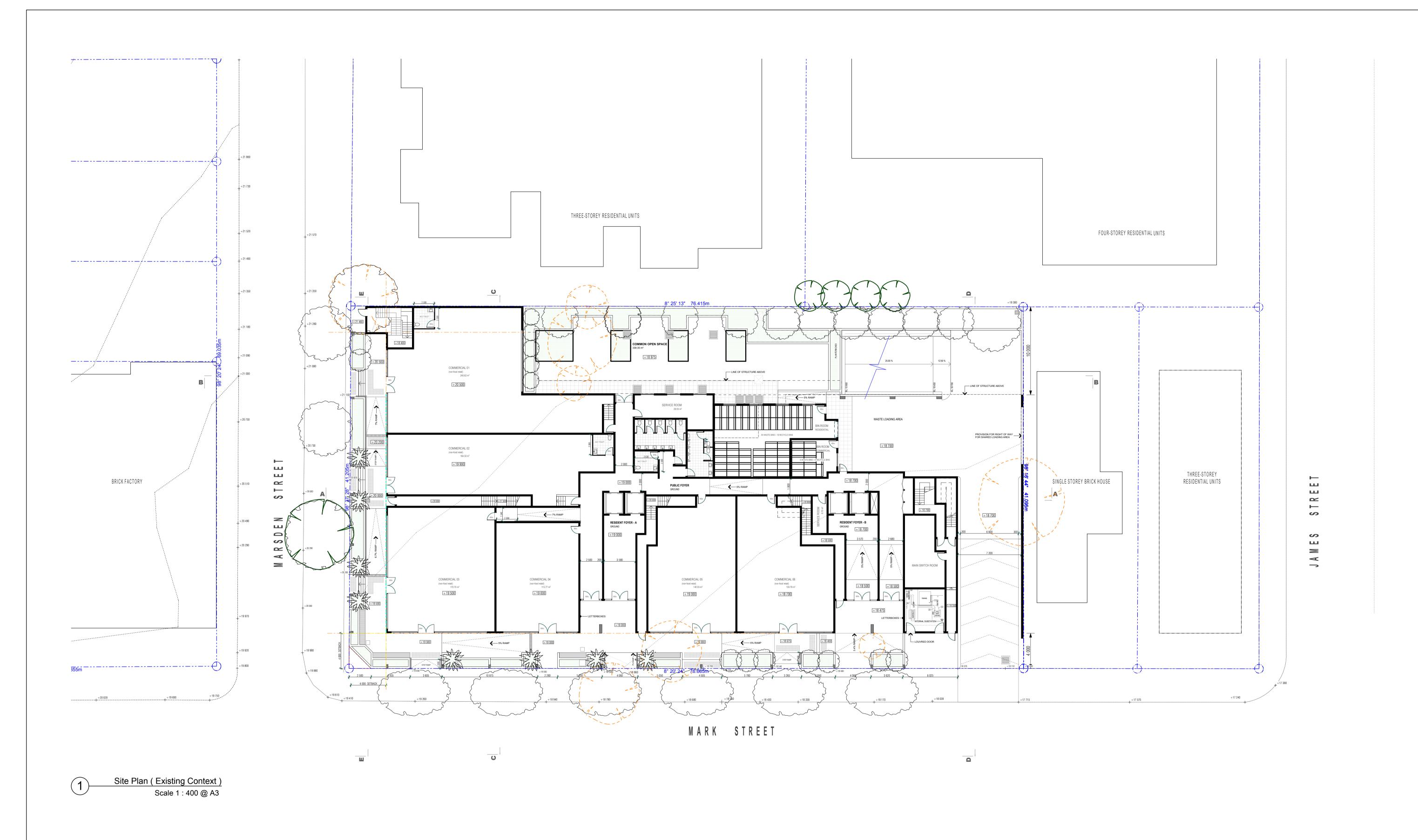
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Lidcombe, NSW 2141

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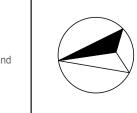
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### Site Plan (Existing Context)

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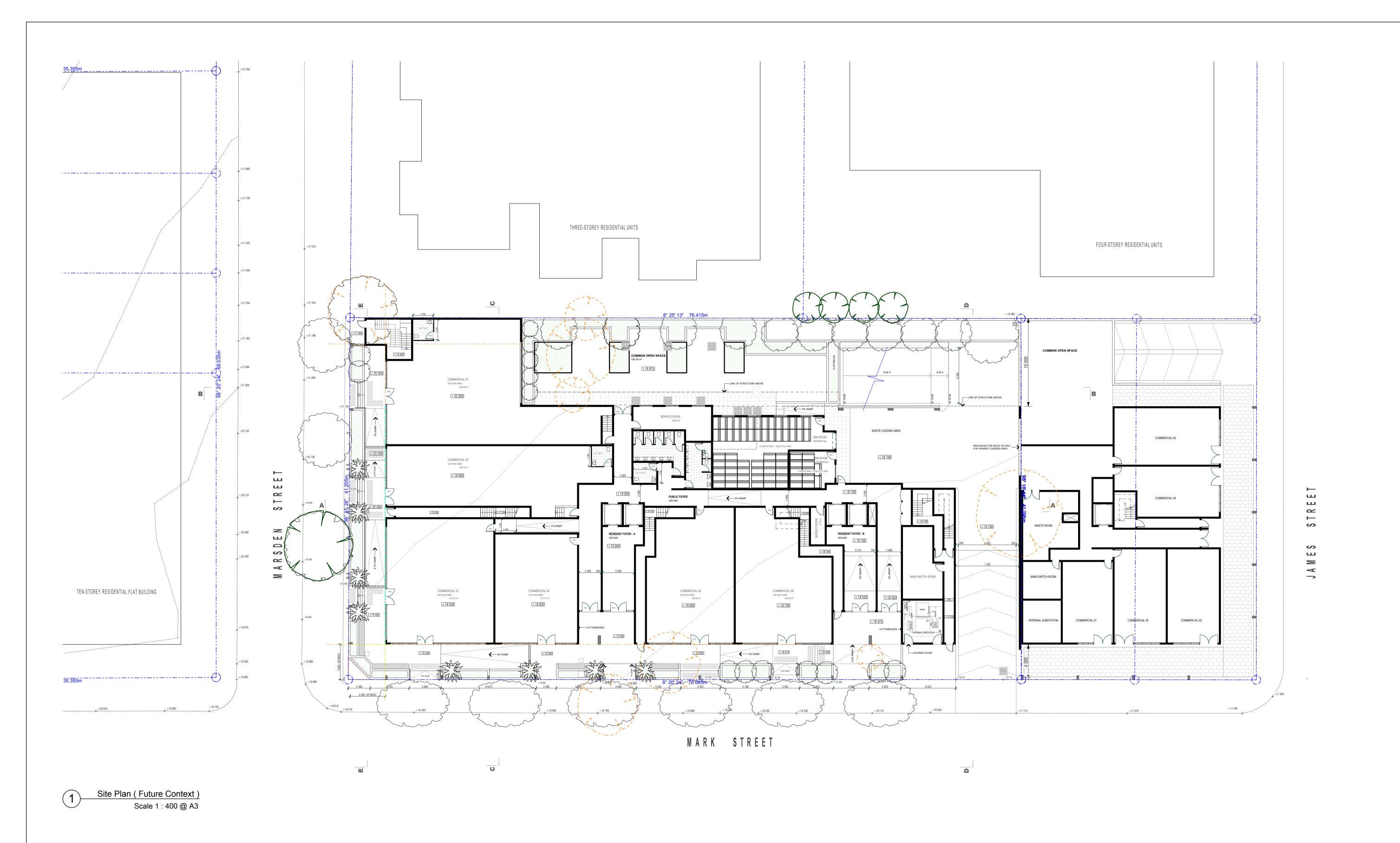
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Tuesday, 30 January 2018 10:38 AM

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4-14 Mark St Lidcombe, NSW 2141

8538 DA - B:09A



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**Development Application** Original Design: Zhinar Architects

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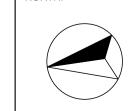
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### Site Plan (Future Context)

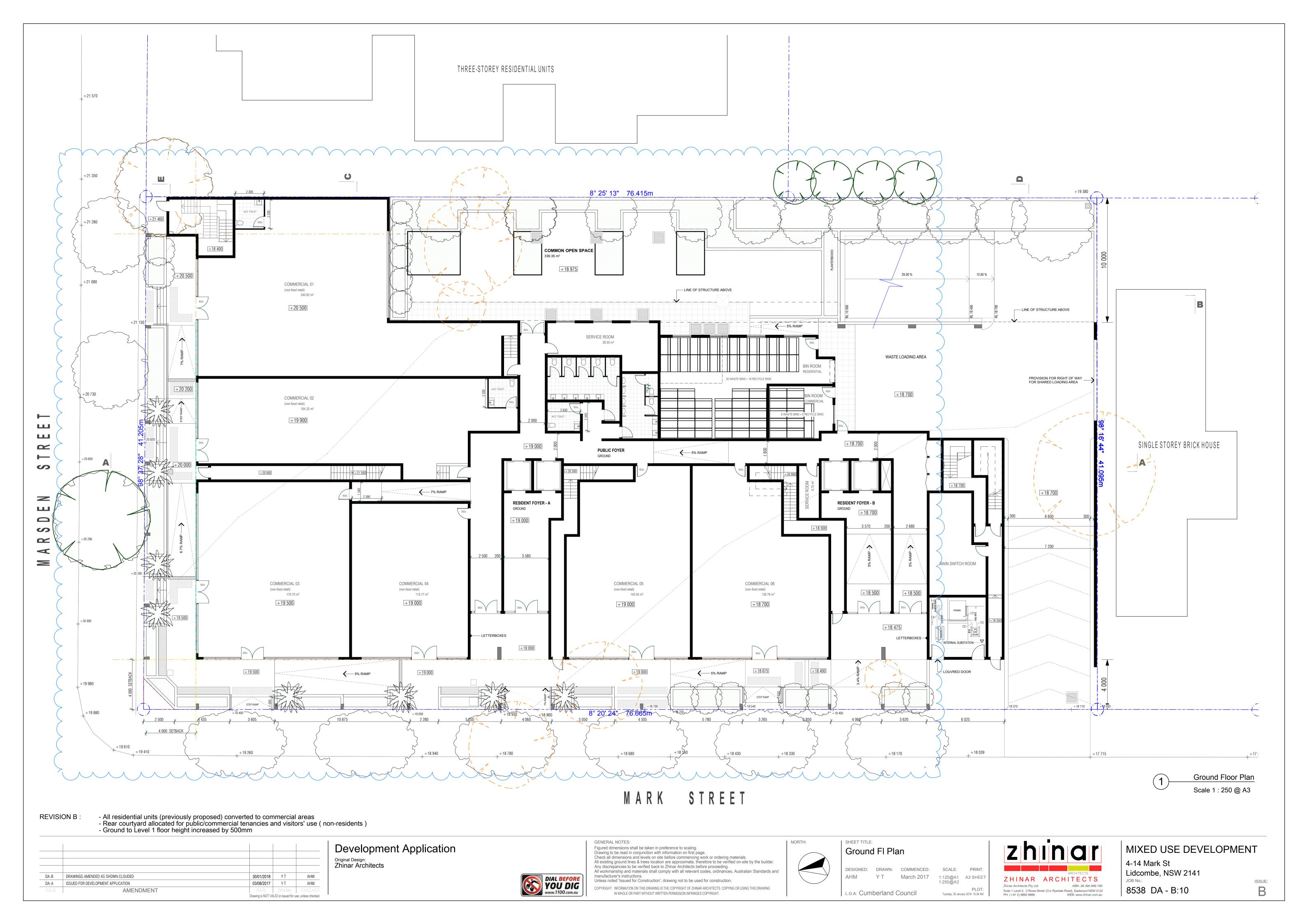
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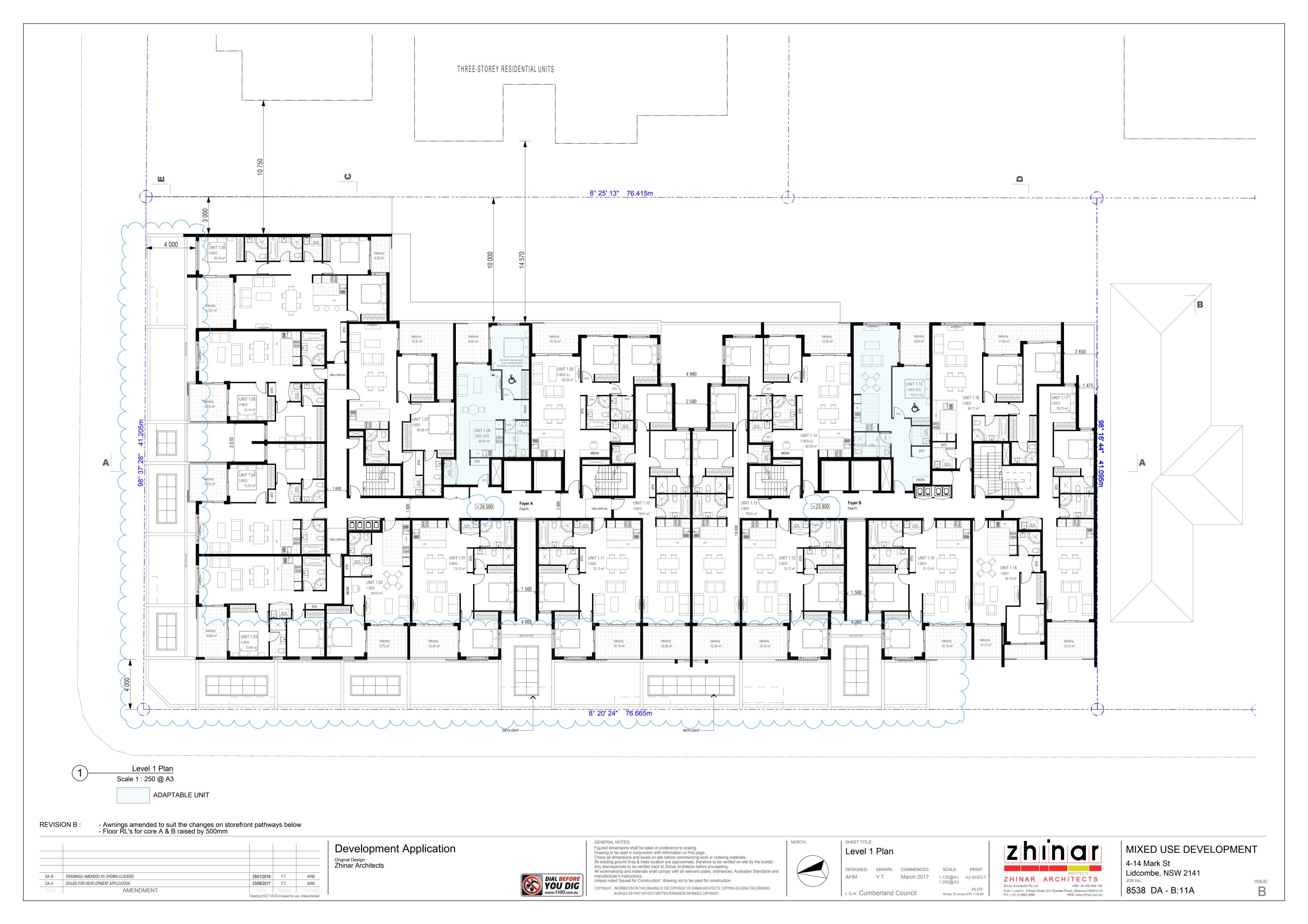


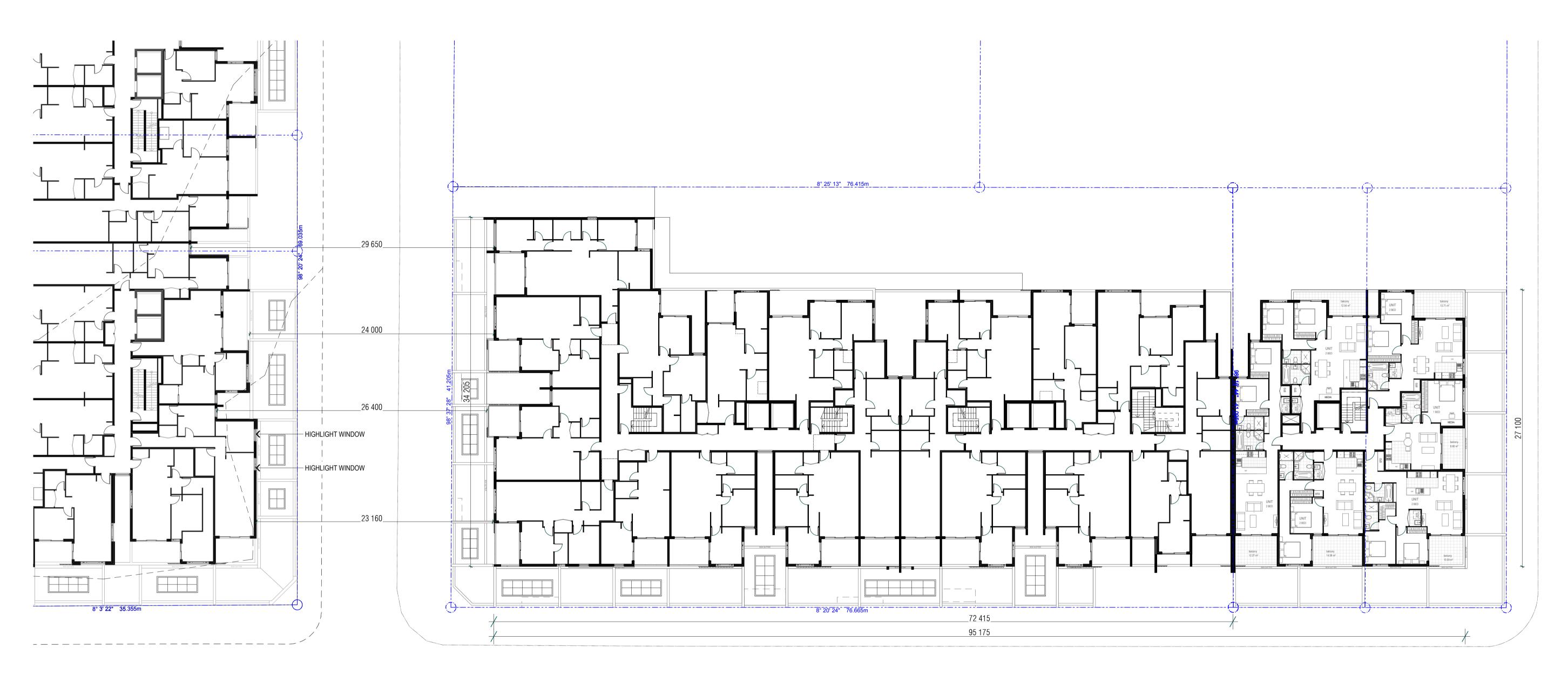
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4-14 Mark St Lidcombe, NSW 2141

8538 DA - B:09B







First Floor - FUTURE CONTEXT
Scale 1 : 400 @ A3

2 Mark St
(Future Neighboring Development)

4-14 Mark St
(Proposed)

(Future Context)

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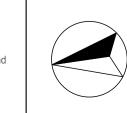
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Monday, 29 January 2018 11:26 AM

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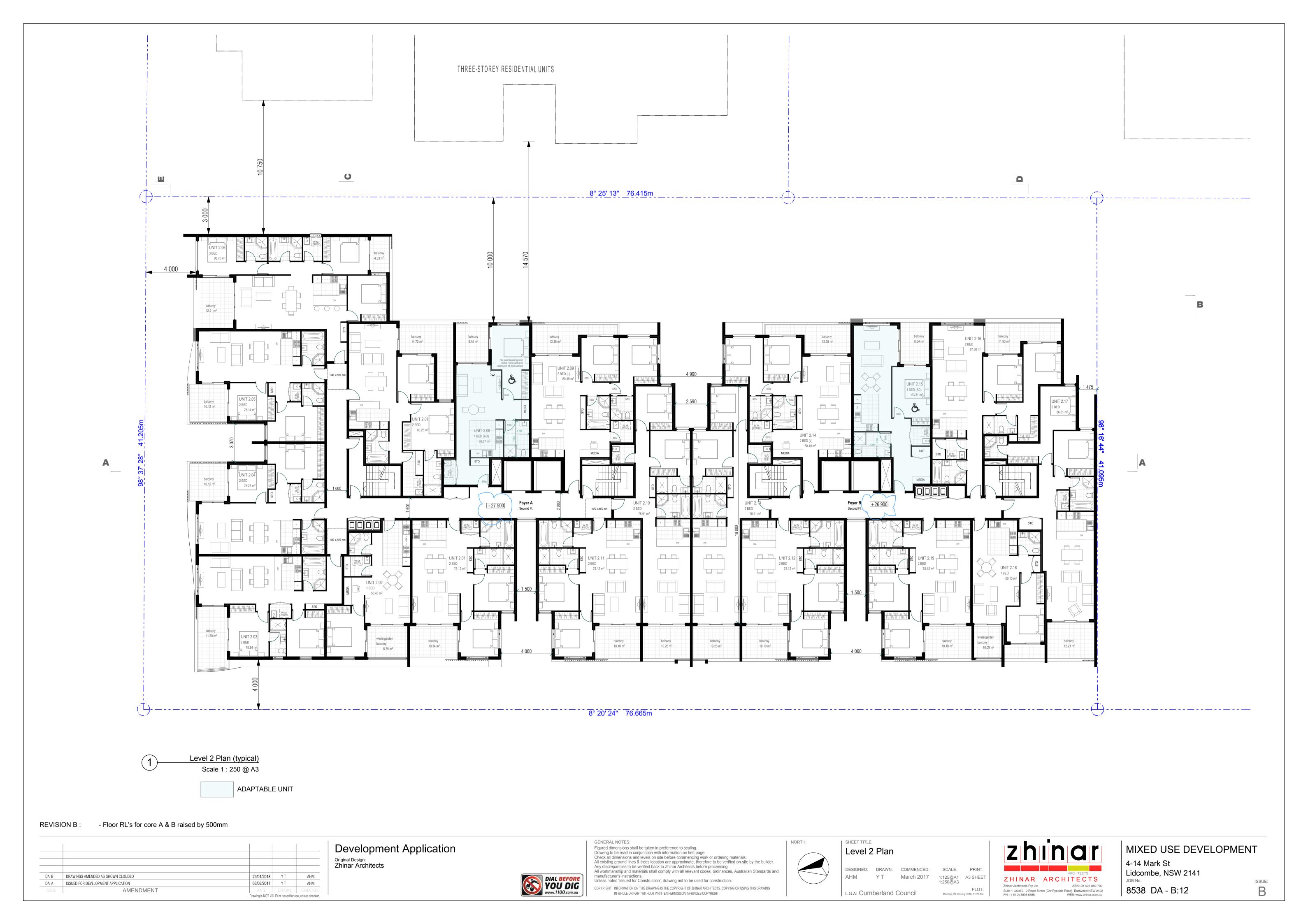
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PH: (+61 2) 8893 8888

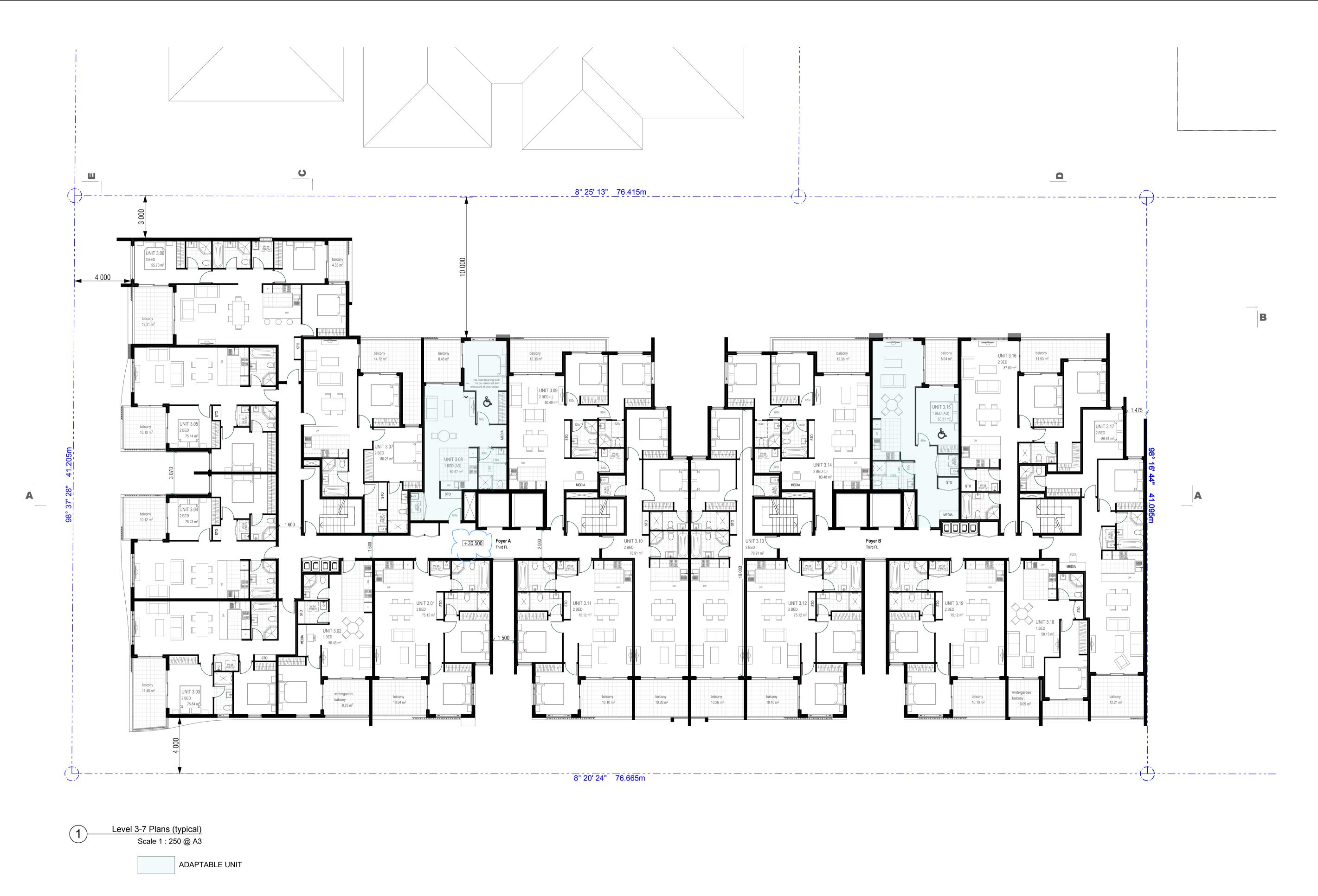
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MIXED USE DEVELOPMENT
4-14 Mark St

Lidcombe, NSW 2141

8538 DA - B:11B





- Floor RL's for core A & B raised by 500mm

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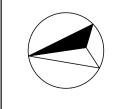
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### Level 3-7 Plans (typical)

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- Floor RL's for core A & B raised by 500mm

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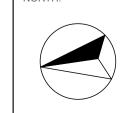
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### Level 8 Plan

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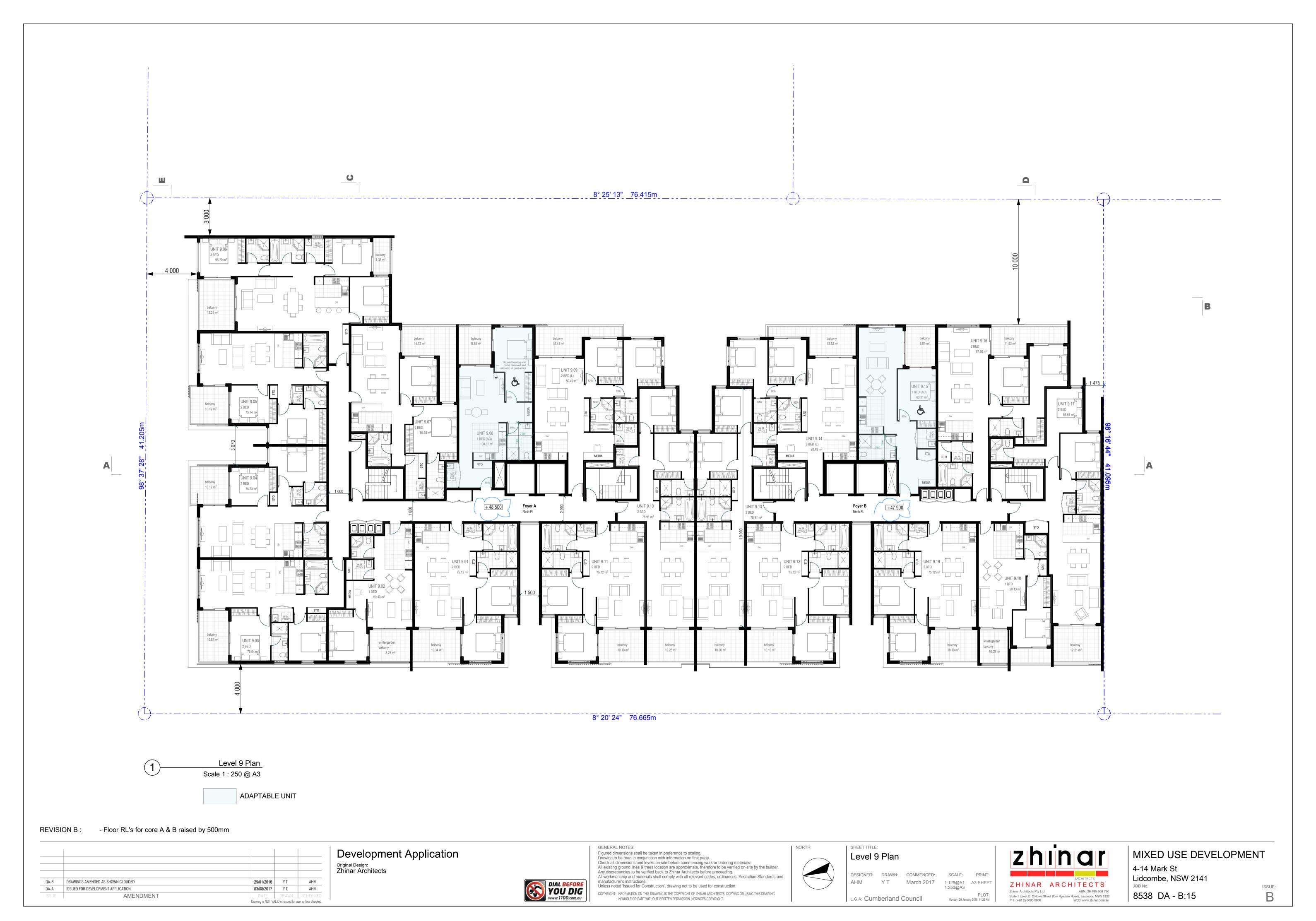
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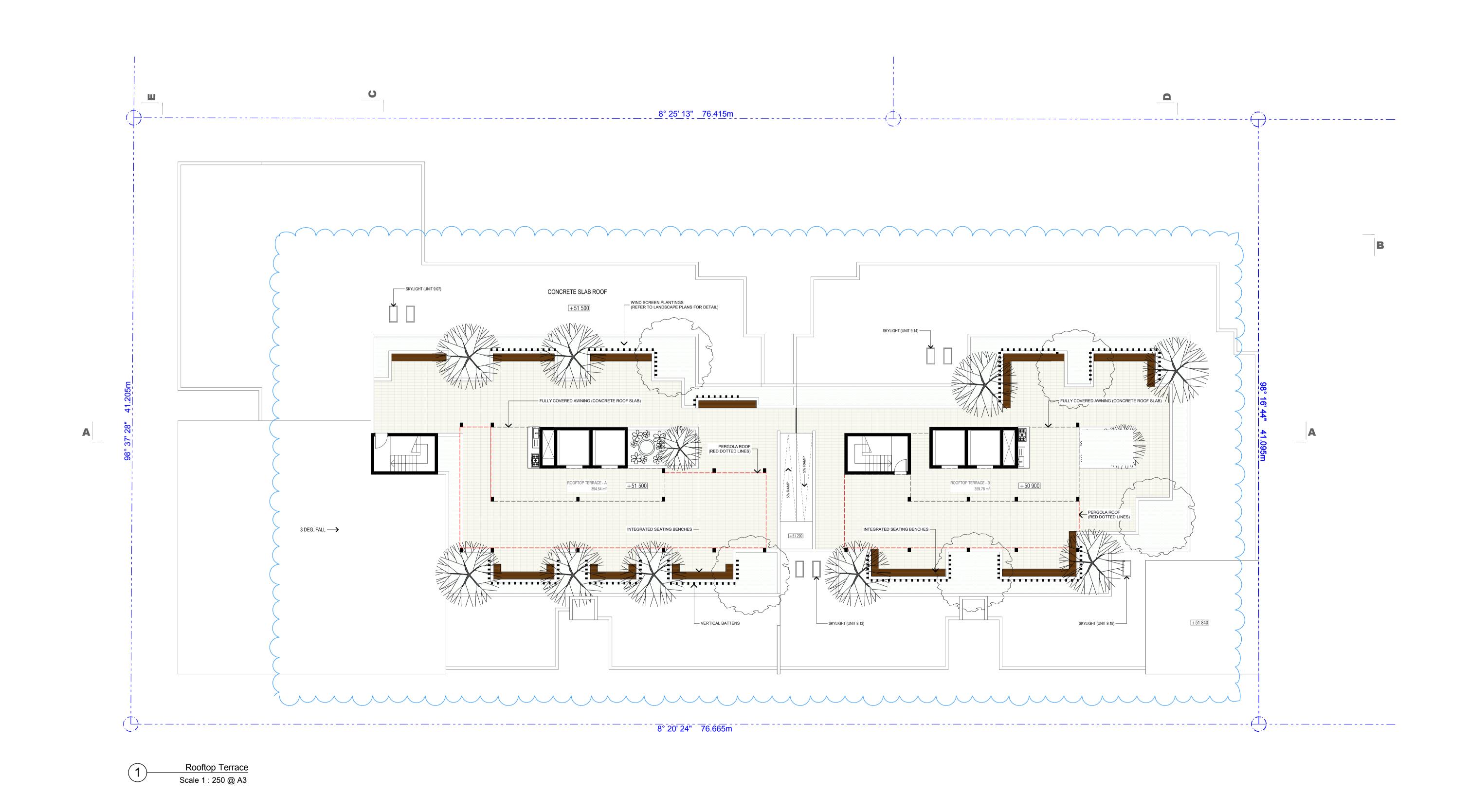
ABN: 28 495 869 790

MIXED USE DEVELOPMENT

4-14 Mark St Lidcombe, NSW 2141

8538 DA - B:14





REVISION B : - Add rooftop terrace COS to tower-B, connected by accessible ramps to tower-A rooftop terrace - Floor RL's raised by 500mm

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DA-A	ISSUED FOR DEVELOPMENT APPLICATION	03/08/2017	ΥT	AHM
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Original Design:
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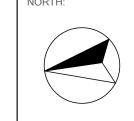
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Roof Plan

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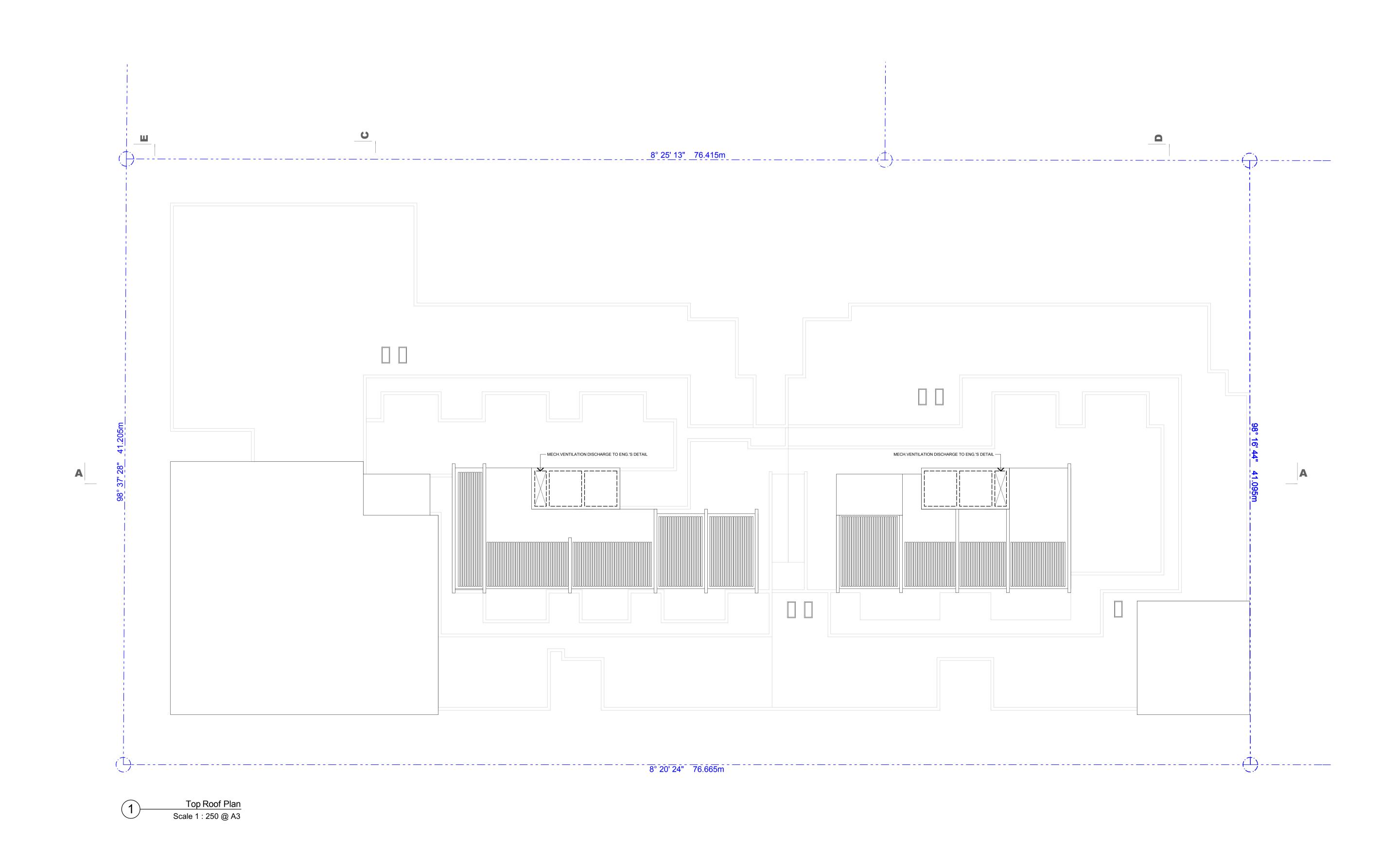
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MIXED USE DEVELOPMENT

4-14 Mark St Lidcombe, NSW 2141

8538 DA - B:16



 Add rooftop terrace COS to tower-B and connected to tower-A rooftop terrace
 Floor RL's raised by 500mm **REVISION B:** 

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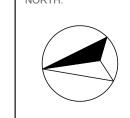
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## Top Roof Plan

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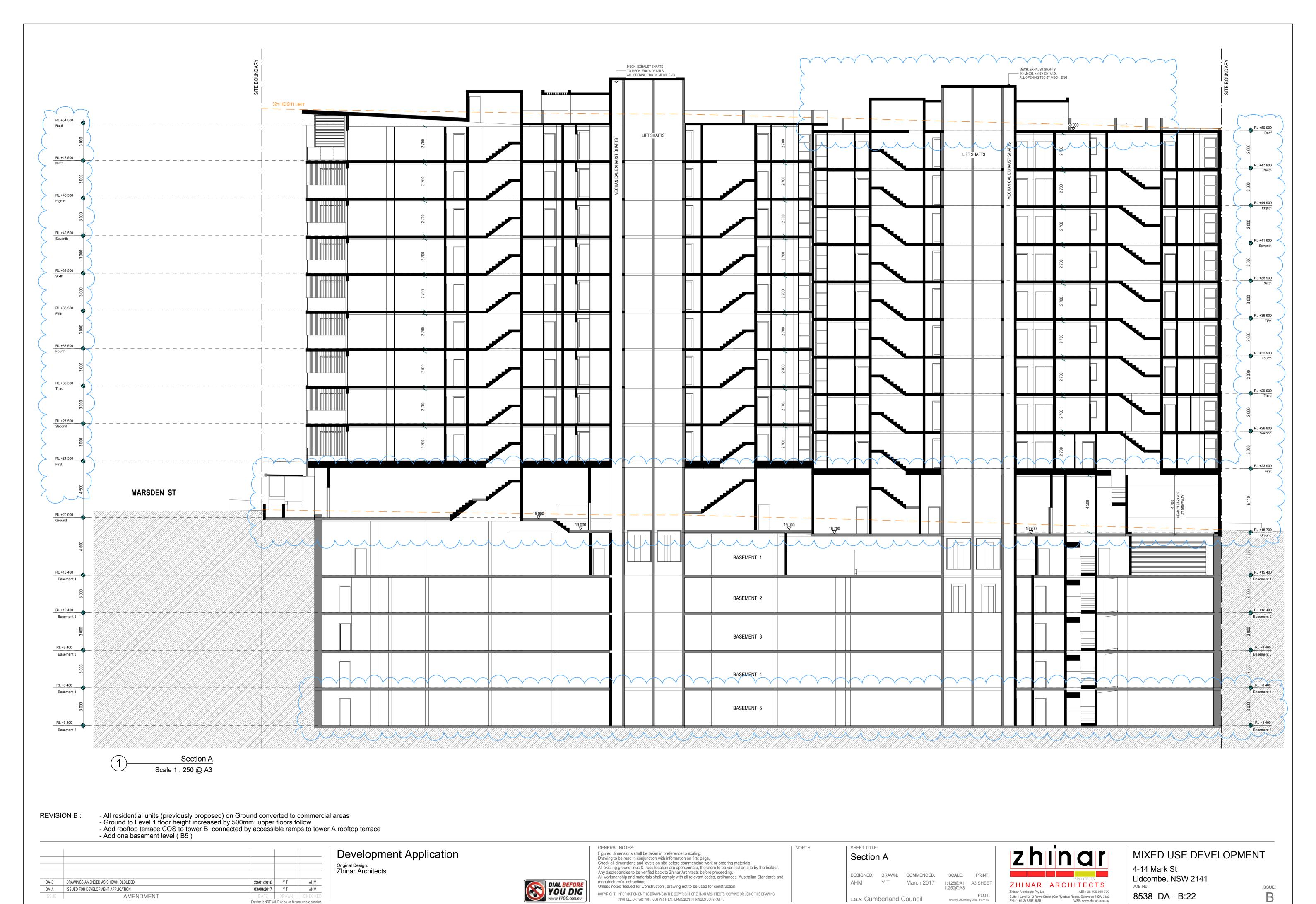
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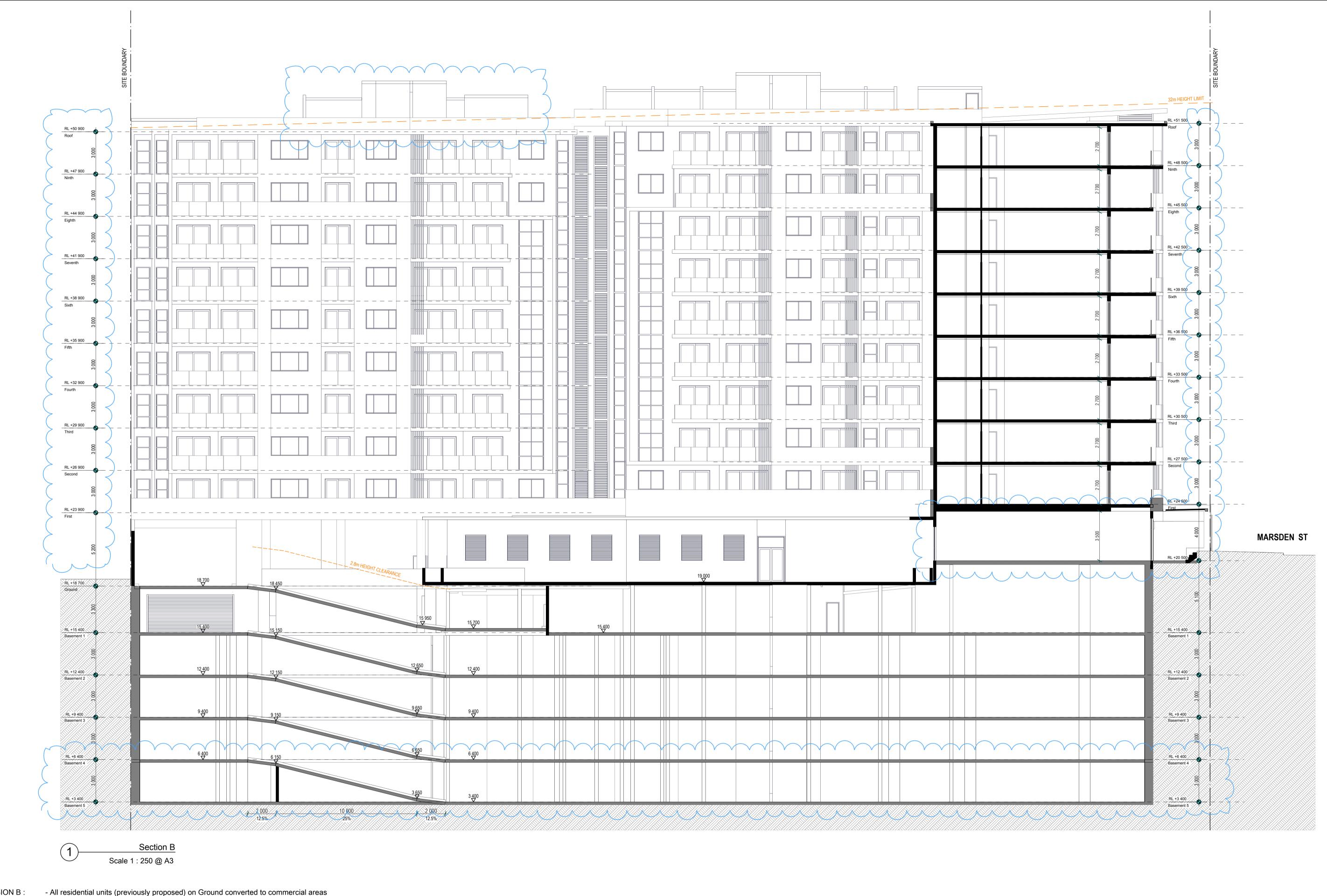
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MIXED USE DEVELOPMENT

4-14 Mark St Lidcombe, NSW 2141

8538 DA - B:17





All residential units (previously proposed) on Ground converted to commercial areas
Ground to Level 1 floor height increased by 500mm, upper floors follow
Add rooftop terrace COS to tower B, connected by accessible ramps to tower A rooftop terrace
Add one basement level ( B5 ) **REVISION B:** 

DA-B	DRAWINGS AMENDED AS SHOWN CLOUDED	29/01/2018	ΥT	AHM	
DA-A	ISSUED FOR DEVELOPMENT APPLICATION	03/08/2017	ΥT	AHM	
ISSUE	AMENDMENT	DATE	DRAWN	CHECKED	
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**Development Application** 

Original Design:
Zhinar Architects



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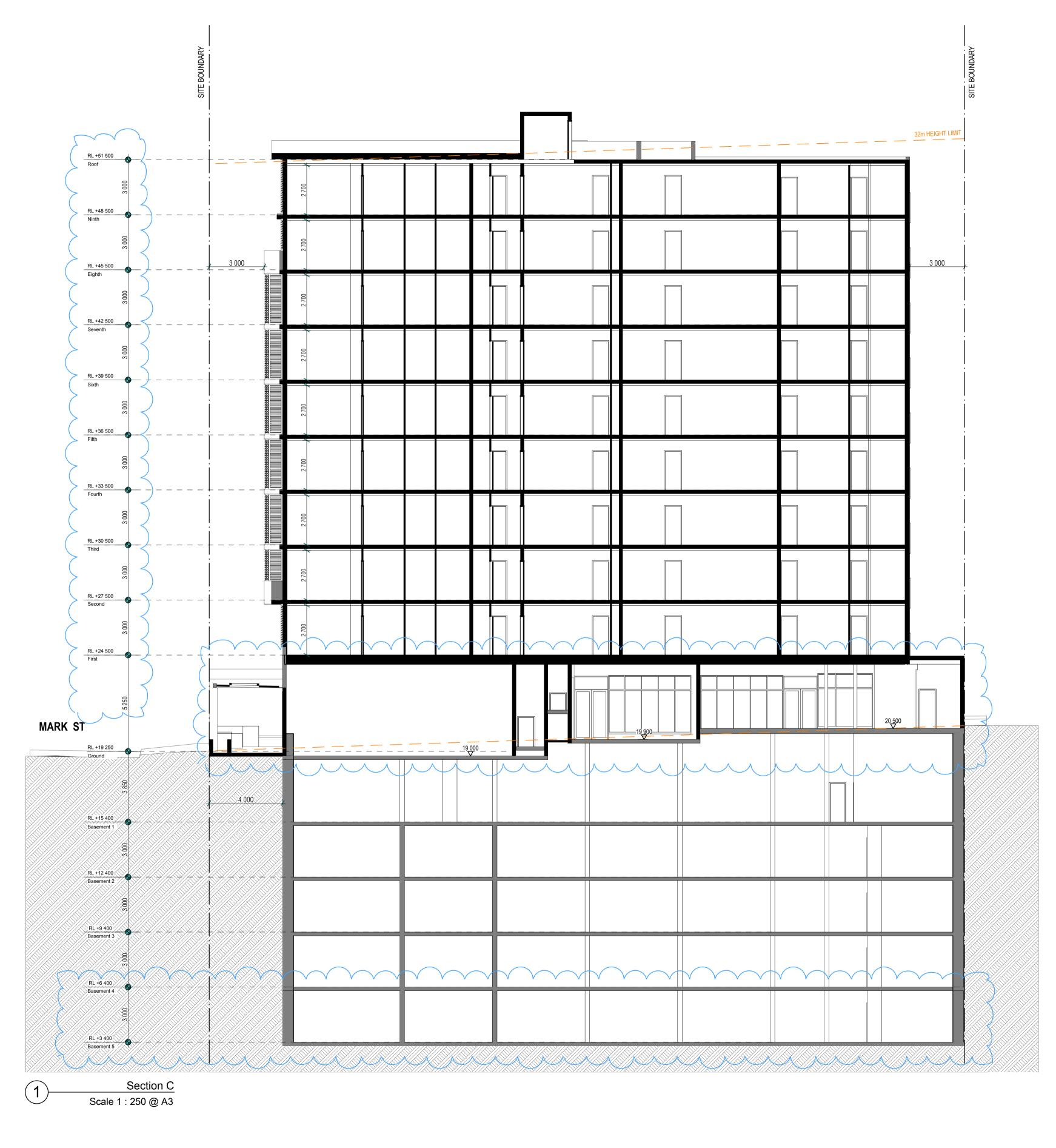
Section B

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MIXED USE DEVELOPMENT 4-14 Mark St Lidcombe, NSW 2141

8538 DA - B:23



REVISION B : - All residential units (previously proposed) on Ground converted to commercial areas - Ground to Level 1 floor height increased by 500mm, upper floors follow - Add one basement level ( B5 )

DA-B DRAWINGS AMENDED AS SHOWN CLOUDED

DA-A ISSUED FOR DEVELOPMENT APPLICATION

DSUE

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Development Application

Original Design: **Zhinar Architects** 



GENERAL NOTES:
Figured dimensions shall be taken in preference to scaling.
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Section C

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NORTH:

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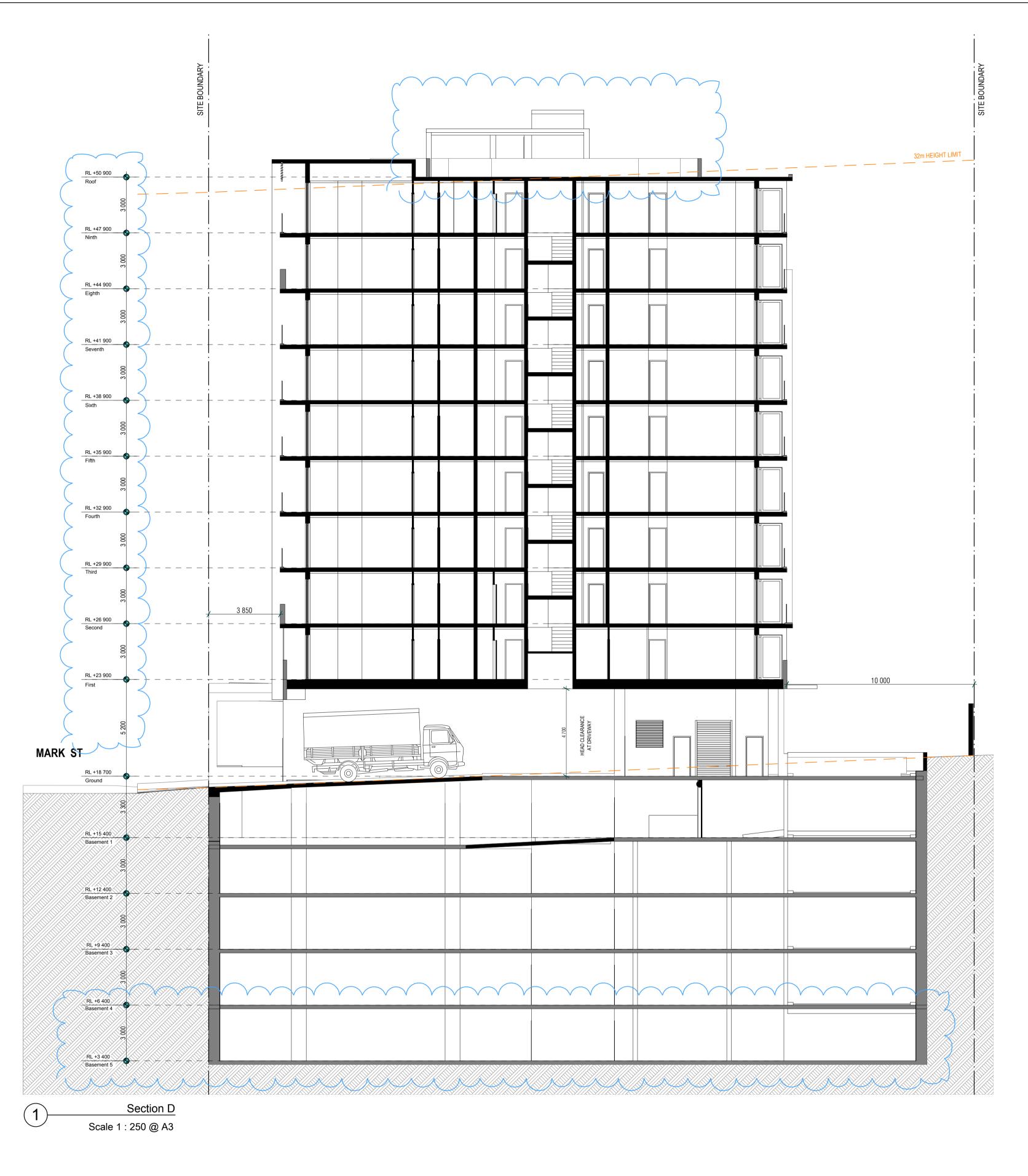
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Zhinar Architects Pty Ltd
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PH: (+61 2) 8893 8888
WEB: www.zhinar.com.au

MIXED USE DEVELOPMENT

4-14 Mark St Lidcombe, NSW 2141

8538 DA - B:24



REVISION B:

- Ground to Level 1 floor height increased by 500mm, upper floors follow
- Add rooftop terrace COS to tower B, connected by accessible ramps to tower A rooftop terrace
- Add one basement level (B5)

DA-B DRAWINGS AMENDED AS SHOWN CLOUDED

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### Section D

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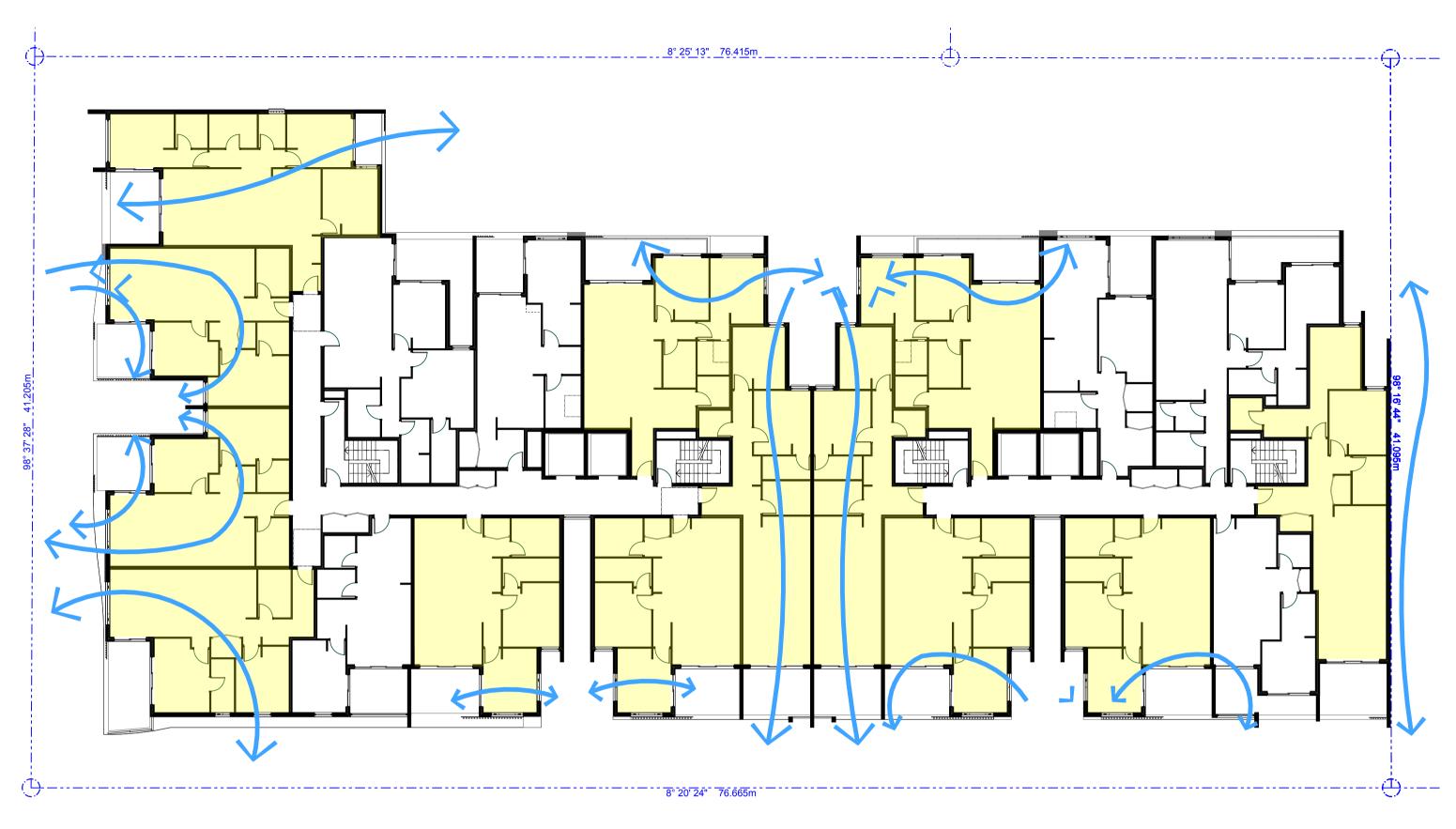
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MIXED USE DEVELOPMENT

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8538 DA - B:25



1 Level 1-9 (Cross Vent)

#### Solar & Cross Ventilation Compliance

UNIT NUMBER & TYPE	UNIT TYPE	CROSS VENT.	SOLAR ACCESS	TOTAL HOURS (2hrs MIN)	SOLAR COMPLIANCE	P.O.S	INT. STORAGI (m3)
Unit 1.01 – 9.01 (typical)	2BR	YES	13:00-15:00	2	YES	10.34 m2 (Unit G.01 = 10.34 m2+ 35.7 m2)	2.7
Unit 1.02 – 9.02 (typical)	1BR	NO	13:00-15:00	2	YES	8.75 m2 (Unit G.02 = 8.75 m2+ 25.8 m2)	2.6
Unit 1.03 – 9.03 (typical)	2BR	YES	09:00-15:00	6	YES	10.62 m2 (Unit G.03 = 10.62 m2+ 94.65 m2)	2
Unit 1.04 – 9.04 (typical)	2BR	YES	09:00-15:00	6	YES	10.12 m2 (Unit G.04 = 15.83 m2+ 34.28 m2)	2
Unit 1.05 – 9.05 (typical)	2BR	YES	09:00-15:00	6	YES	10.12 m2 (Unit G.05 = 15.83 m2+ 37 m2)	2
Unit 1.06 – 9.06 (typical)	3BR	YES	09:00-14:00	5	YES	16.54 m2 (Unit G.06 = 12.21 m2+ 30.53 m2)	2
Unit 1.07 – 8.07 (typical)	2BR	NO		0	NO	14.72 m2	3.25
Unit 1.08 – 9.08 (typical)	1BR (AD)	NO		0	NO	8.45 m2	2.5
Unit 1.09 – 9.09 (typical)	2BR	YES	09:00-10:00	1	NO	12.38 m2	3.3
Unit 1.10 – 9.10 (typical)	2BR	YES	13:00-15:00	2	YES	10.26 m2	2.2
Unit 1.11 – 9.11 (typical)	2BR	YES	13:00-15:00	2	YES	10.10 m2	2.7
Unit 1.12 – 9.12 (typical)	2BR	YES	13:00-15:00	2	YES	10.10 m2	2.7
Unit 1.13 – 8.13 (typical)	2BR	YES	14:00-15:00	1	NO	10.26 m2	2.2
Unit 1.14 – 8.14 (typical)	2BR	YES	09:00-10:00	1	NO	12.52 m2	3.25
Unit 1.15 – 9.15 (typical)	1BR (1AD)	NO	09:00-11:00	2	YES	8.04 m2	3
Unit 1.16 – 9.16 (typical)	2BR	NO	09:00-11:00	2	YES	11.93 m2	4.5
Unit 1.17 – 9.17 (typical)	2BR	YES	13:00-15:00	2	YES	12.21 m2	4.2
Unit 1.18 – 8.18 (typical)	1BR	NO		0	NO	10.12 m2	2
Unit 1.19 – 9.19 (typical)	2BR	YES	13:00-15:00	2	YES	10.10 m2	2.7
Unit 9.07	2BR	NO	(skylight)	6	YES	14.72 m2	3.25
Unit 9.13	2BR	YES	(skylight)	6	YES	10.26 m2	2.2
Unit 9.14	2BR	YES	(skylight)	6	YES	12.52 m2	3.25
Unit 9.18	1BR	NO	(skylight)	6	YES	10.12 m2	2

117 / 171 UNITS 121 / 171 UNITS 68.42% 70.76% (min. 60%) (min. 70%)

UNITS RECEIVE NIL SOLAR ACCESS DURING WINTER SOLSTICE = 25 UNITS (14.6%)

DA-B DRAWINGS AMENDED AS SHOWN CLOUDED

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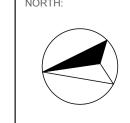


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1:250@A3 PLOT: Monday, 29 January 2018 11:27 AM



MIXED USE DEVELOPMENT

4-14 Mark St Lidcombe, NSW 2141

8538 DA - B:30







SUN VIEW - 11AM









\* A view from sun is an aerial view, where the observer views the subject site from the position of the sun at the nominated time and date. Such a view shows all sunlit surfaces at that time. It therefore allows a count of sunlight hours on any glazing or horizontal surfaces.

Sunlit surfaces at the living room area receiving solar access during winter solstice

SUN VIEW - 12PM

DA-B	DRAWINGS AMENDED AS SHOWN CLOUDED	29/01/2018	YT	AHM		
DA-A	ISSUED FOR DEVELOPMENT APPLICATION	03/08/2017	ΥT	AHM		
ISSUE	AMENDMENT	DATE	DRAWN	CHECKED		
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Development Application
Original Design:
Zhinar Architects

DIAL BEFORE YOU DIG

SUN VIEW - 10AM

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Solar Diagram -- View from sun

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SUN VIEW - 3PM

MIXED USE DEVELOPMENT
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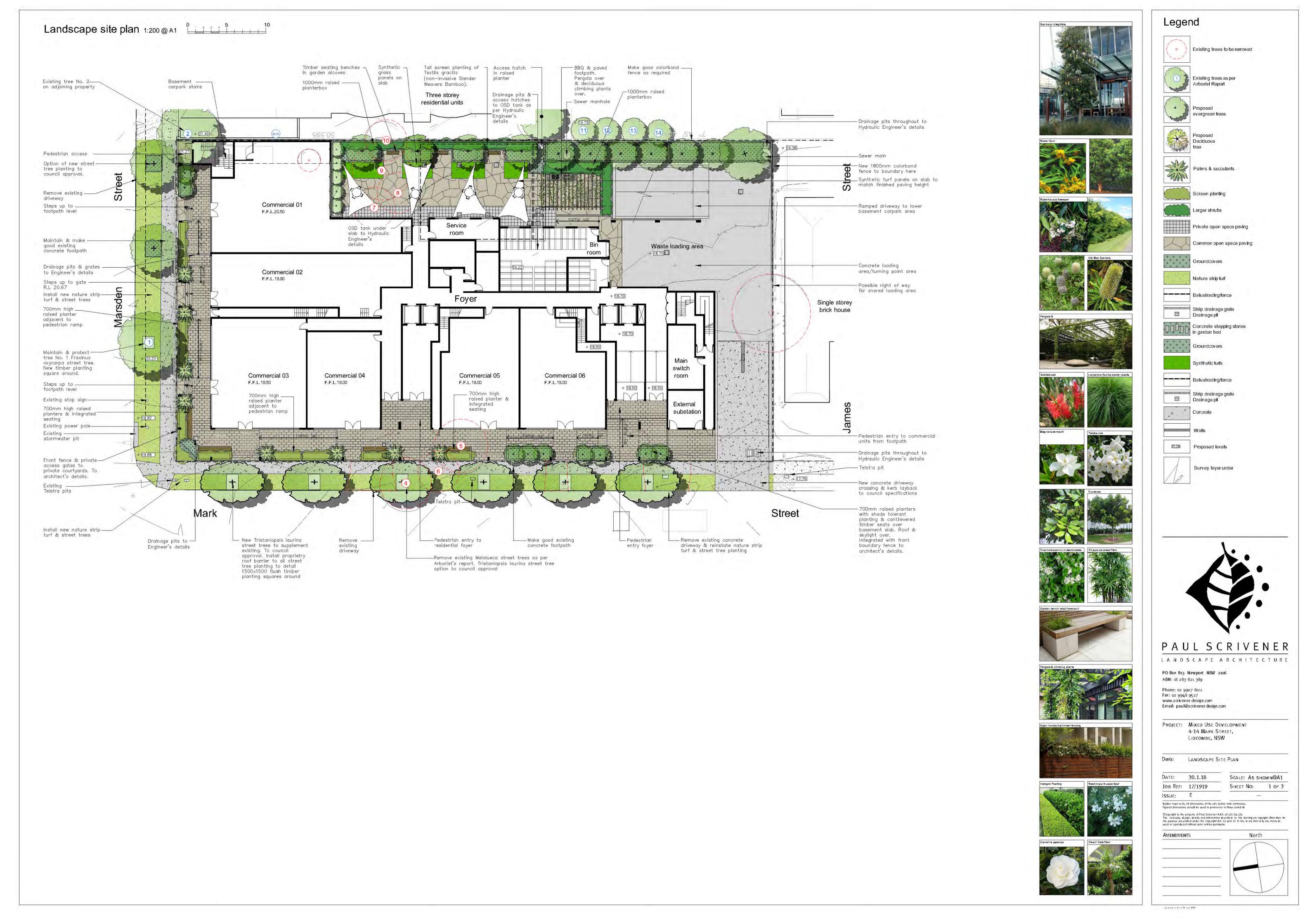
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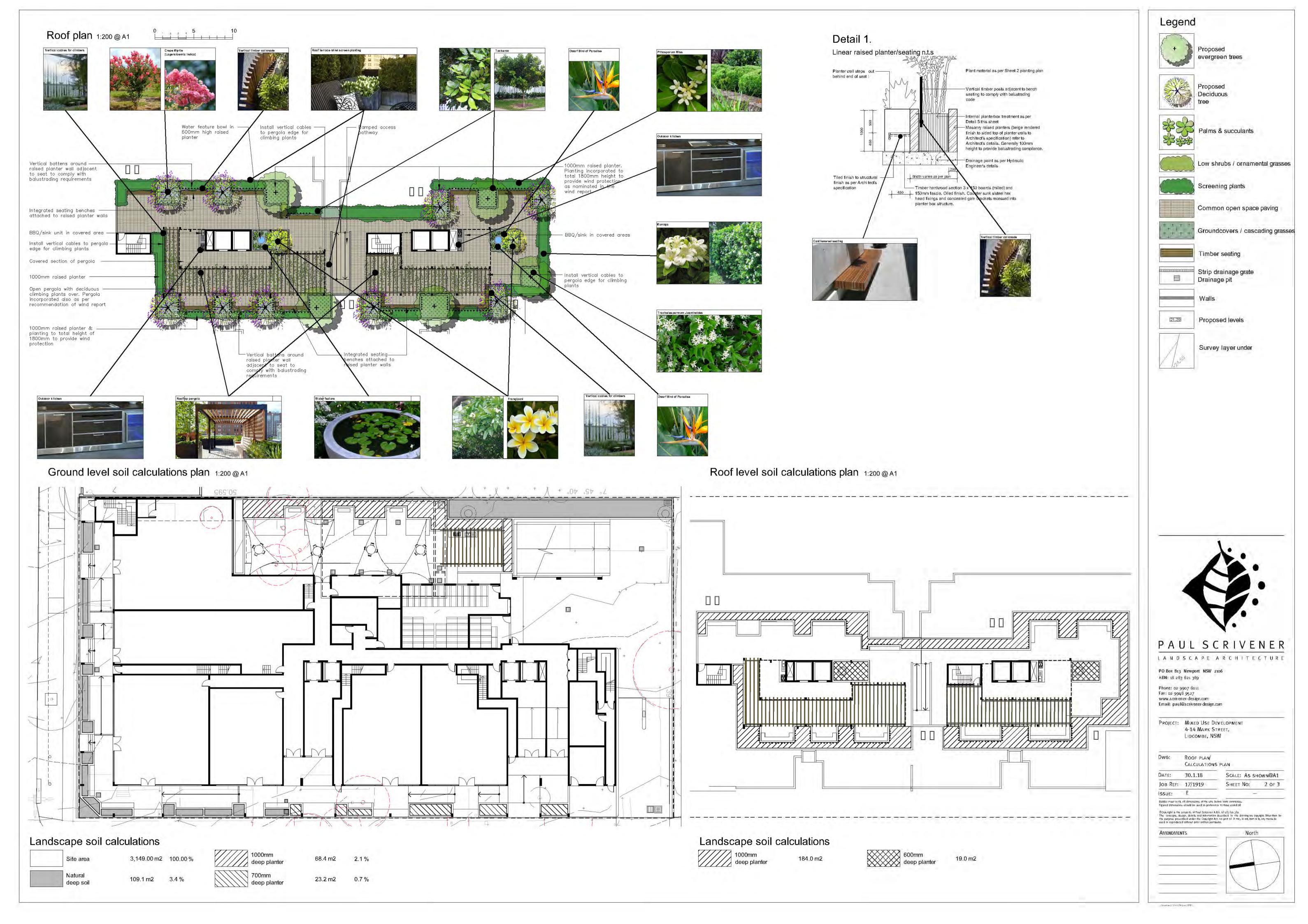
8538 DA - B:32

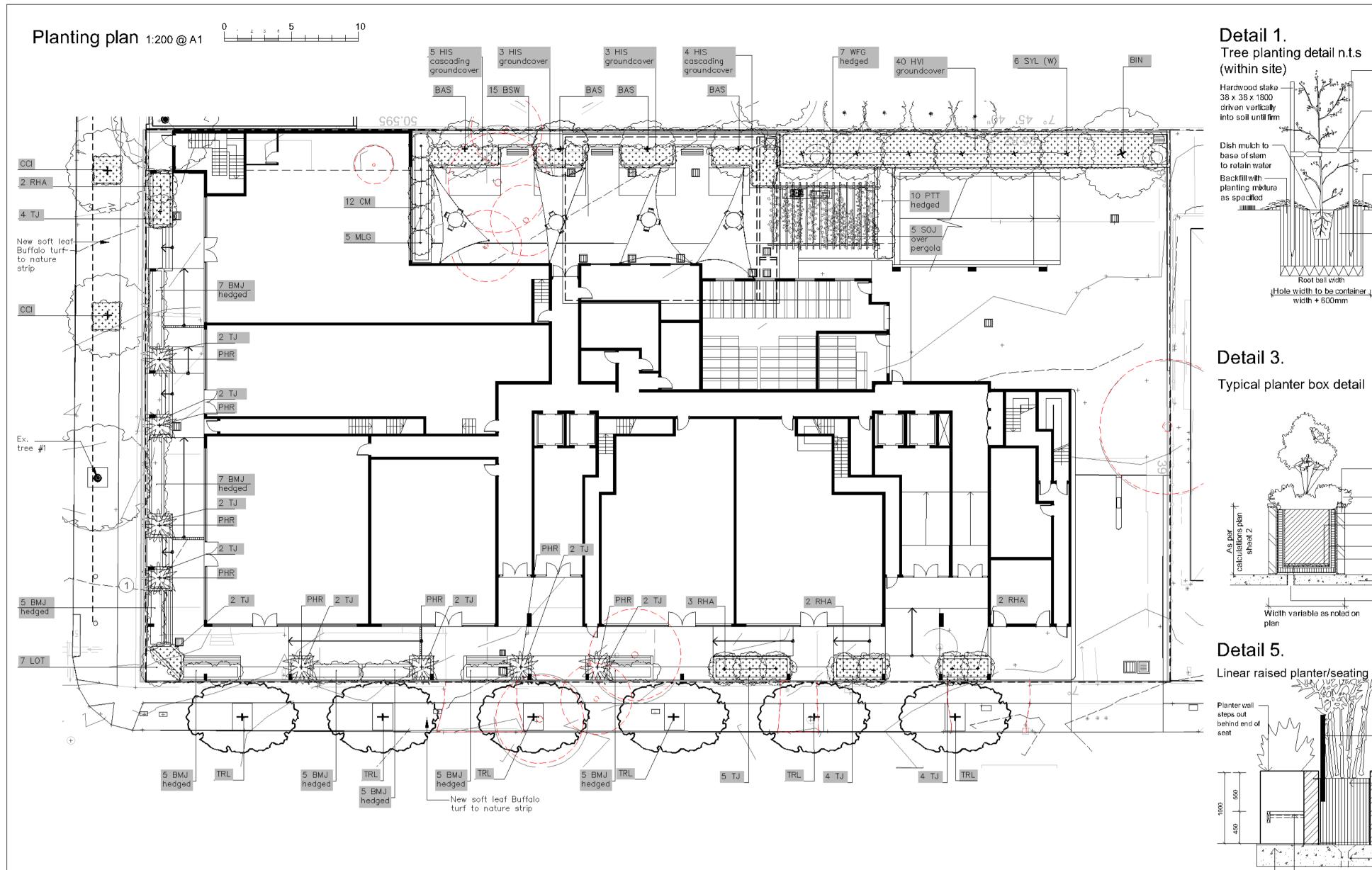
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Monday, 29 January 2018 11:27 AM







Roof plan 1:200 @ A1

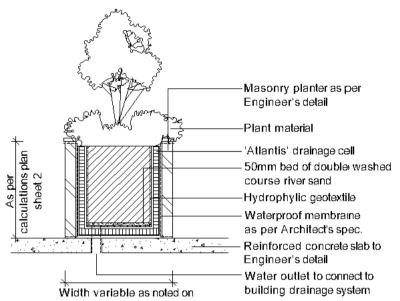
Climbers

over pergola

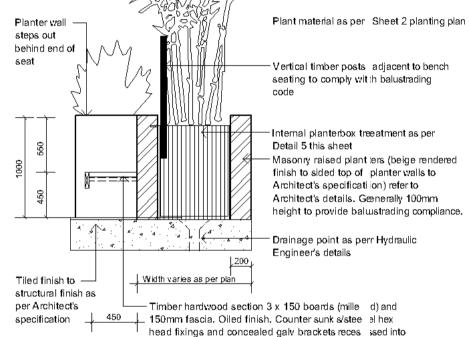
over pergola

#### Detail 1. Tree planting detail n.t.s (within site) Remove stakes after 26 weeks as part of the maintenance contract to allow Hardwood stake — 1. ὧ for proper development of stem taper. 38 x 38 x 1800 driven vertically Knot in webbing tie into soil until firm Dish mulch to -50mm wide hessian webbing tie base of stem stapled to stake to retain water - Apply 75mm depth mulich around planting mixture Planting hole to contaimer height + 225mm

Typical planter box detail n.t.s

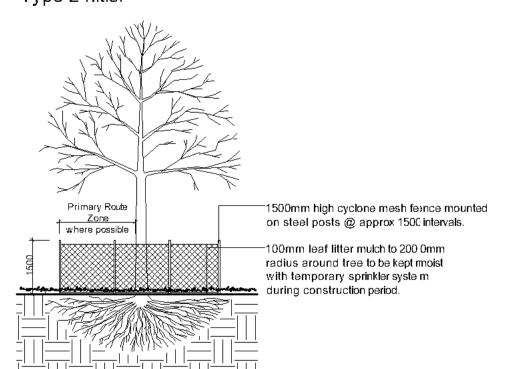


Linear raised planter/seating n.t.s



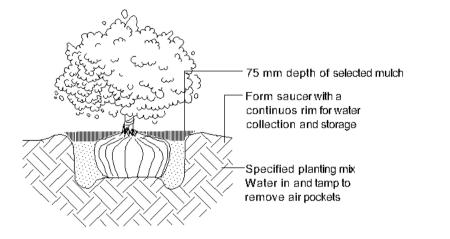
#### Detail 2.

Tree protection measure for street trees Type 2 n.t.s.



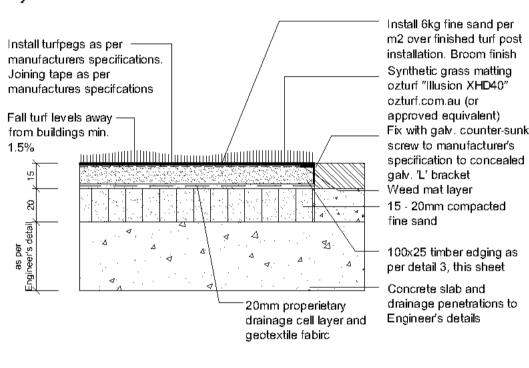
#### Detail 4.

Shrub planting detail n.t.s



#### Detail 6.

Synthetic turf over slab n.t.s



#### Planting schedule

CPR Cyperus prolifer

over pergola

Symbol	Botanical name	Common name	Cont. size	Staking	Mature height	
Canopy	trees					
BAS	Banksia serrata	Old Man Banksia (Small native, Gnarled trunk & serrated leaves)	45Lt	3x50x50x1800	4-6.0M	4
BIN	Bankisa integrifolia	Coast Banksia (medium indigenous tree)	100Lt	3x50x50x1800	12-15.0M	1
CCI	Callistemon citrinus	Crimson Bottlebrush (indigenous small tree)	45Lt	3x50x50x1800	3-4.0M	2
CUP	Cupaniopsis anacardoides	Tuckeroo (small to medium native tree. Hardy street tree)	75Lt	3x50x50x1800	5-7.0M	5
LAI	Lagerstroemia indica	Crepe Myrtle (small deciduous tree for planterbox)	75Lt	3x50x50x1800	5-6.0M	9
PLU	Plumeria acutifolia	Frangipani (transplanted from pot on site)	semi adv	nil	3-4.0M	2
SYL	Syzygium luehmannii	Small Leafed Lilly Pilly	35Lt	2x38x38x1800	6-24.0M	6
TRL	Tristaniopsis laurina 'Luscious'	Water Gum cultivar (indigenous small-med, Ideal street tree)	75Lt	3x50x50x1800	5-7.0M	6
	standards / small feature trees					
BMJ	Buxux microphylla 'Japonicum'	Japanese Box (formal shrub can be hedged lower med height)	200mm	hedged	0.4-0.9M	39
LOM	Lomandra longifolia	Spiny Mat Rush	200mm	nil	1.0M	20
MLG	Magnolia 'Little Gem'	Little Gem (small ornamiental standard tree)	300mm	2x50x50x1800	2.5-3.0M	5
MP	Murraya paniculata	Orange Jessamine (flowering screening plant)	300mm	hedged	1.2-2.2M	38
PTT	Pittosporum tobira 'Miss Muffet'	Miss Muffet Pittosporum (bright green foliage hedge)	200mm	hedged	0.8-1.0M	80
WFG	Westringia fruticosa 'Aussie Box	'Ozbreed Aussie Box® (hardy lowplant, Can be hedged tightly	200mm	hedged	0.75 <b>-</b> 0.9M	7
	'alms / Succulents / omamental					
BSW	Bambusa Textilla gracillis	Slender Weavers	255m m	nil	4-6.0M	15
PHR	Phoenix roebelenii	Dwarf Date Palm (shade tolerant small palm)	semi adva		2.3.0M	8
RHA	Raphis excelsor	Lady Finger Palm	300mm	nil	2-2.5M	9
SDR	Strelitzia reginea 'Dwarf	Dwarf Bird of Paradise (Dwarf flowering accent plant)	200mm	nil	0.7M	18
	overs/Climbers					
HIS	Hibbertia scandens	Guinea Flower (flowering climber / groundcover)	200mm	nil	0.3M	15
HVI	Hardenbergia violacea	Native sarsaparilla (native groundcover)	200mm	nil	2.0M	40
PJ	Pandorea jasminoides	Bower Plant (native climbing/cascading groundcover)	200mm	wire supports on fence	2.5M	8
SOJ	Solanum jasminoides	Potato Vine (deciduous dimber over pergola)	300mm	over pergola	3.5M	18
TJ	Trachelospermum jasminoides	Star Jasmine (flowering dimber / groundcover)	200mm	nil	0.3M	96
	ntal grasses/strappy leaved plan					
CM	Clivea miniata	Kaffir Lily (shade tolerant groundcover)	200mm	nil 	0.5M	12
LOT	Lomandra 'Tanika'	DWarf Mat Rush (native mass planted groundcover)	150mm	nil	0.4M	7
Water lili	es and aquatic plants					

Planting schedule species to be sourced from local nurseries supplying plants of local provenance wherever possible. Landscape contractor is to check plant numbers on plan against the schedule prior to submitting tender price. Contact landscape architect if any number discrepancies are found. Council compliance controls require that any substitution of species variety or container size MUST be confirmed with landscape architect to ensure a compliance certificate can be issued that's meets the specific development consent conditions of the project.

Dwarf Payprus (In submerged pots in pond / urn on roof garden) 200mm submerged container 0.6M 2

#### Irrigation notes

Automatic drip line watering system to be selected. To extend to all garden areas and is to include all raised planter boxes over slab structures. Turfed areas to be exc. cluded and are to be watered by hand as required with hoses from hosecocks (to future CC d rawings). Hosecocks to each isolated planterbox for separate irrigation lines with batt ery timers. (To be coordinated with Hydraulic engineer's details). Dripline supply system only to be incorporated. Contractor is to provide an irrigation design to meet the follow ring requirements.

Generally: Supply an automatic drip line irrigation system. To include all pip ping to solenoids either PVC lines and/or class 12 pressure pipe or low density, rubber modif ied polypropeyline reticulation as required to provide water supply to the nominated areas. To be coordinated with Hydraulic engineers plans. To include all bends, junctions, ends, ball v\_valves, solenoids and all other ancillary equipment. Backwash valve: An approved backwash in prevention valve is to be located at the primary water source for top up valves to rainwater ta anks (where

Irrigation system to be supplied s as nominated on the Hydraulic Engineer's | 3 plans

Chemical root control: Provide standard chemical root inhibiting chemical ca artridge. These are to be industry standard, in-line replaceable cartridges located for easy a laccess for replacement cartridge installation

Automatic Controller: Provide automatic 2 week timer with hourly multi-cycle e operation for each zone as noted on the irrigation areas plan on sheet 2.

Performance: It shall be the Landscape Contractor's responsibility to ensure e and guarantee satisfactory operation of the irrigation system. The system is to be fit for the appurpose and should utilize sufficient solenoids to provide for the varying watering require sments of landscape areas to allow all plants and lawn areas to thrive and attain long term viability.

Testing: After the system has been installed to the satisfaction of the projec at manager, the installation shall be tested under working conditions. Acceptance of the installed plant and equipment shall be subject to these being satisfactory.

Warranty: A twelve month warranty is to be provided in writing by the Lands scape Contractor, which shall commit the Landscape Contractor to rectify the system (the item inside they have installed) to the satisfaction of the project manager or nominated representa ative. This will apply should any fault develop, or the capacity or efficiency fall below that g guaranteed, or should the discharge or pressure be inadequate, or should defects develop—in the filter unit or control heads, or any blockages that may develop in the system.

Approvals: The Landscape Contractor is to liaise as necessary, to ensure thi hat the irrigation system conforms with all Water Board, Council and Australian standards (A S)

#### General notes

#### 1. Site preparation

Any existing trees and vegetation to be retained shall be preserved and protected from damage of any sort during the execution of landscape work. In particular, root systems of existing plants must not be disturbed if possible. Any nearby site works should be carried carefully using hand tools.

To ensure the survival and growth of existing trees during landscaping works, protect by fencing or armoring where necessary. Trees shall not be removed or lopped unless specific written approval to do so is given or is indicated on plan. Storage of materials, mixing of materials, vehicle parking disposal of liquids machinery repairs and refueling, site office and sheds, and the lighting of fires shall not occur within the dripline of any existing trees to be retained on or adjacent to the site. Do not stockpile soil, rubble or other debris cleared from the site, or building materials, within the drip line of existing trees. Vehicular access shall not be permitted within three (4) metres of any tree.

#### 2. Soil preparation

All proposed planting areas to be ripped (by hand in tree protection zones) to 200mm and clay soils to be treated with clay breaker. Harvested existing top soil from site and store on site and mix with 25% A.N.L. Greenlife compost or approved equivalent Apply at least 200mm soil depth to planting areas. All additional soil to be 150mm depth of good quality planting mix to be imported and combined with 50mm. A.N.L. Greenlife compost or approved equivalent. To be worked in with rotary hoe or by hand in tree protection zones. In general all care to be taken to hand cultivate in any area where existing tree roots exist to preserve health of trees.

#### 3. New plantings

Newly planted trees and large shrubs should be secured to stakes with hessian ties to prevent rocking by wind. Planting holes for plant material should be large enough in size to take root ball with additional space to take back filling of good quality planting mix.

Mature heights of planting as shown on planting schedule show the greatest height possible in ideal conditions. These heights are subject to particular site conditions, possible container environments and intended hedging or pruning for functional requirements such as available planting width, intended access under branches and solar access

#### 4. Planter boxes & waterproofing.

All slab areas to be waterproofed and 'Atlantis' drainage cell installed with geotextile fabric. Refer Engineer's details for structural details for planter box drainage & construction. All internal planter slab levels to fall to drainage outlets as detailed by Hydraulic Engineer. Ensure minimum 50mm cavity between planter box and building wherever planter joins building. Keep cavity clear of debris by providing capping row butted against building. Exterior finishes as per Architect's detail. Ensure base of cavity is able to drain via weep holes in event water seeps into cavity so as to not build up against building wall. Containers to be at height as indicated on Architects' drawing. All planting containers or over slab planting to have the following:

- of soil level of containers • »Attantis' drainage cell at base to be connected to drainage system of
- development (see typical detail sheet 2)

. Water proofing as specified by Architects. To extend along base and up to top

. A.N.L. planter box soil mix or equivalent to be installed in all containers and over slab planting situation • Contractor to install all planter box finishes after other site works are completed to ensure no deterioration of waterproof membrane. Contractor to be responsible for the integrity of the waterproofing of the planter boxes · All planter boxes are to have automatic dripline irrigation system. Connecting pipes to be installed in slab structures prior to slab pour. Irrigation supply lines

to be installed by building contractor prior to waterproofing and internal

#### planter box finishes All planting areas to be mulched with a minimum 75mm thick cover of woodchip

mulch and then all plant areas to be thoroughly soaked with water. All mulch shall be free of vegetative reproductive parts of all weed species

#### 6. Fertliser

All planting areas to be fertilised with 9 month NPK slow release fertiliser. allow one slow release Agriform pellet per 5-25 litre plant. All fertilisers to be applied in accordance with the manufacturers instructions

> Supply and install Agriform slow release fertiliser or approved equivalent lawn start fertiliser applied at the rate recommended by the manufacturer

To those plants indicated on the planting schedules provide: hardwood stakes as nominated and driven into ground to a depth able to achieve rigid support and to finish a minimum of 800-1000mm above finished levels

#### 8. Engineering All structural and hydraulic details whatsoever to Engineer's details.

#### The Landscape Contractor shall maintain the contract areas by accepted

horticultural practices as well as rectifying any defects that become apparent in the works under normal use. The Landscape Contractor shall maintain the works and make good all defects for a period of thirteen (13) weeks after the include but not be limited to the replacement of plants which have failed or been damaged or stolen during work under the contract. Landscape maintenance shall include but not be limited to the following: watering, rubbish removal, spraying and wiping leaf surfaces, replacing failed plants, maintaining mulch, pruning, insect and disease control, cleaning of surrounding areas. Mow the turf when it is established at regular intervals to maintain an average height of



#### PAUL SCRIVENER

LANDSCAPE ARCHITECTURE

PO Box 813 Newport NSW 2106

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Fax: 02 9948 9527 www.scrivener-design.com Email: paul@scrivener-design.com

PROJECT: MIXED USE DEVELOPMENT 4-14 MARK STREET, LIDCOMBE, NSW

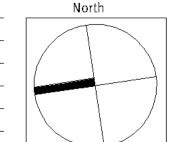
)wg:	PLANTING	PLAN
	DETAILS	

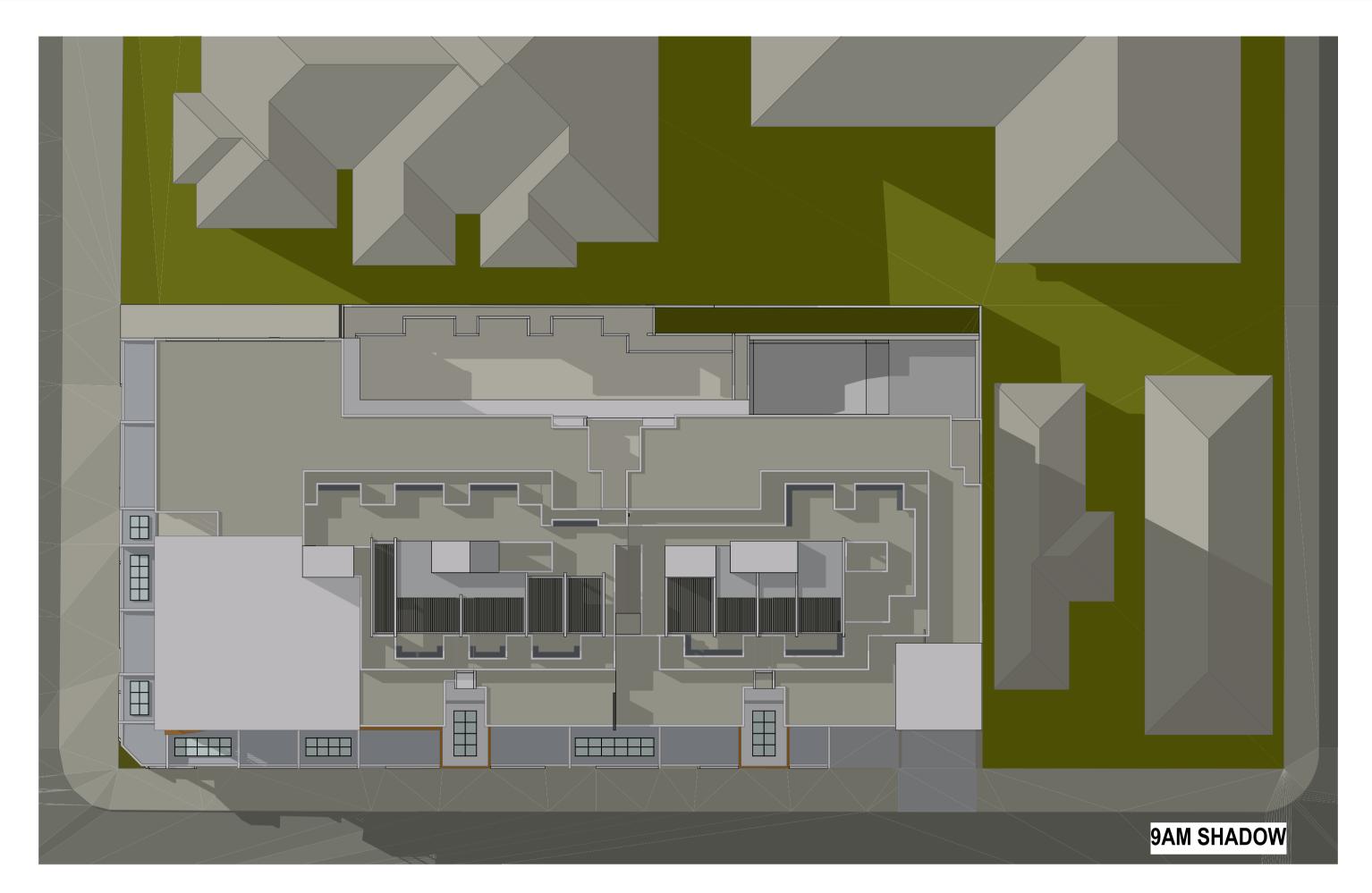
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Builder must verify all dimensions of the site before work commence

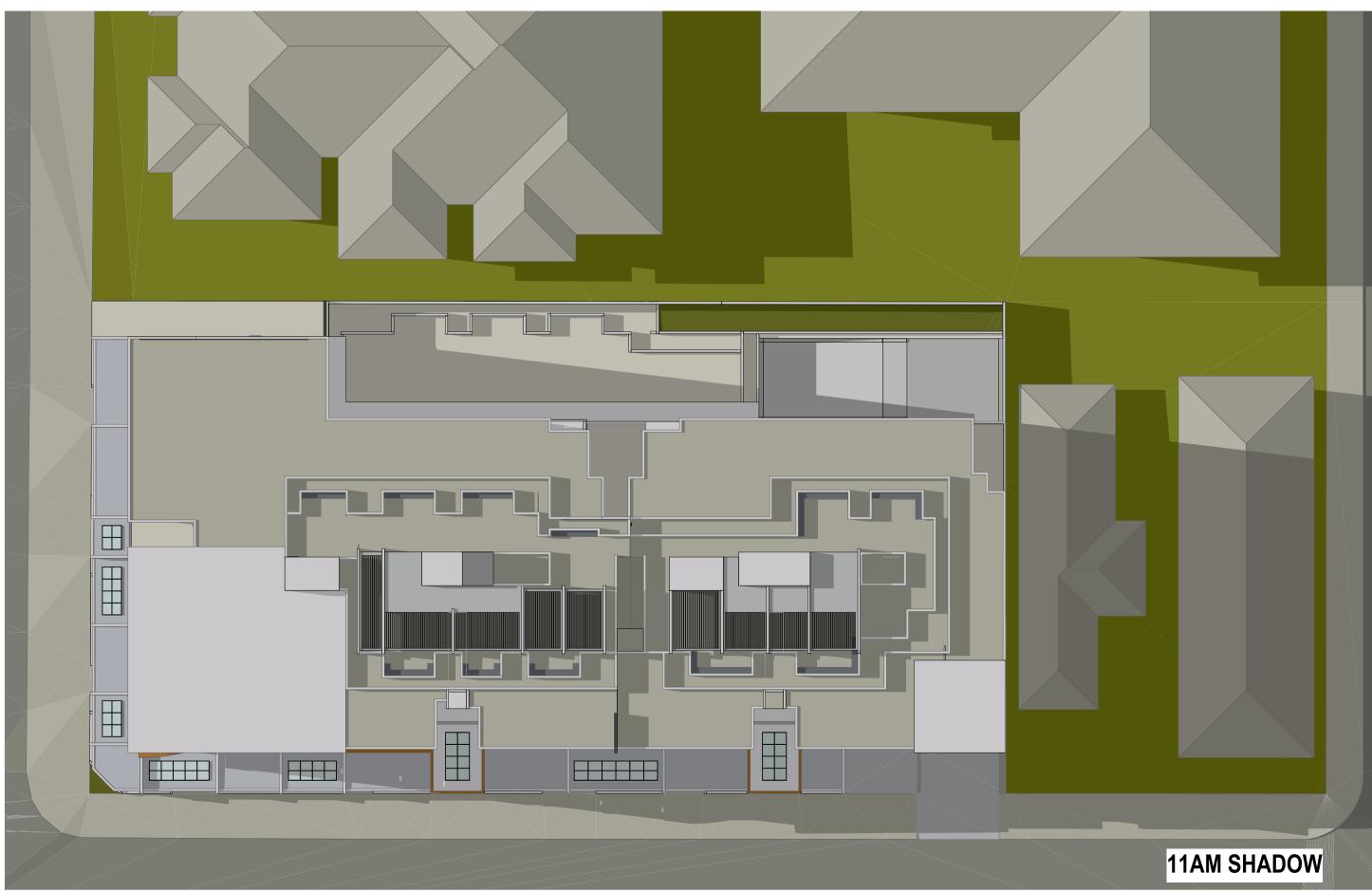
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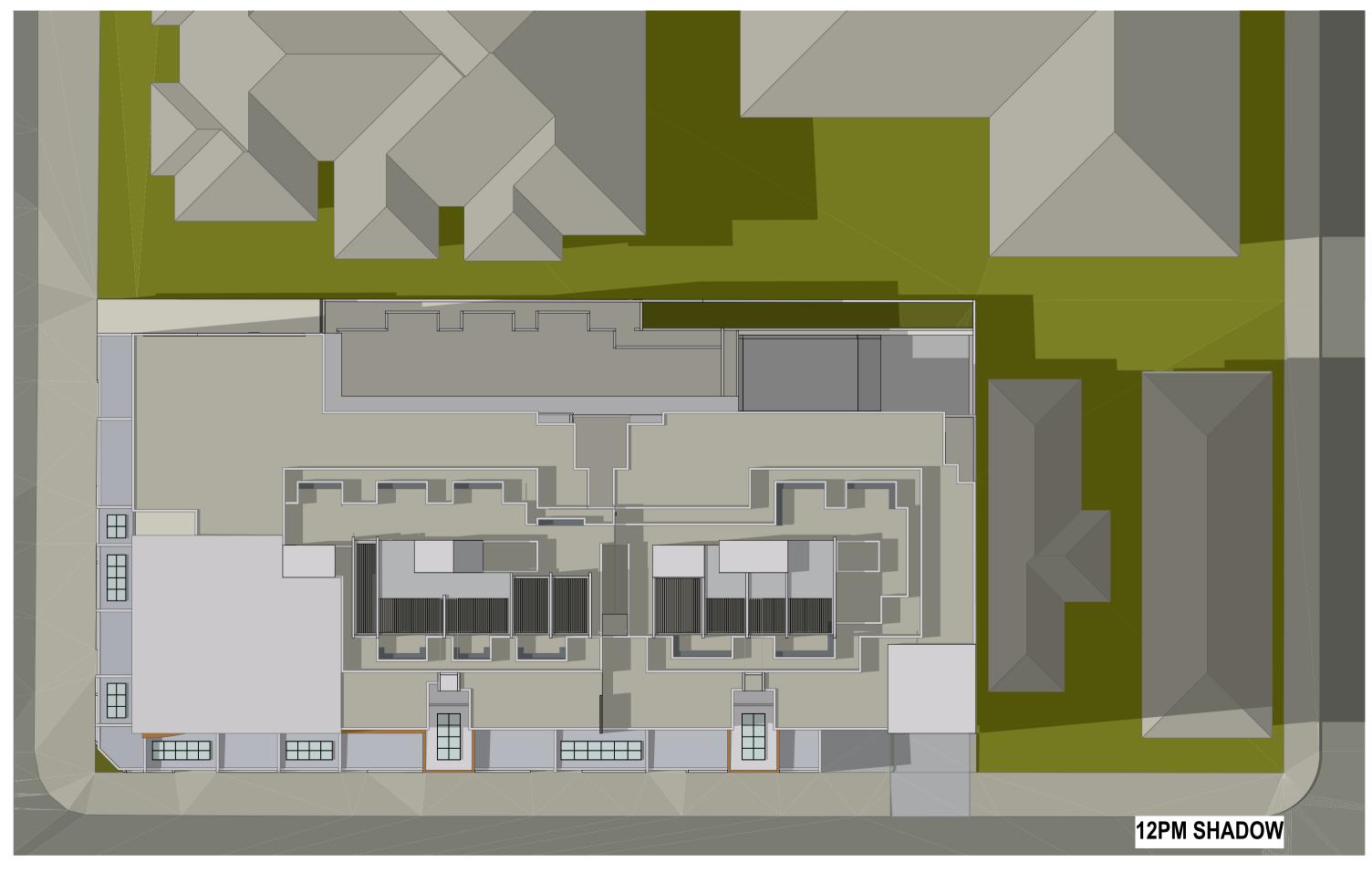
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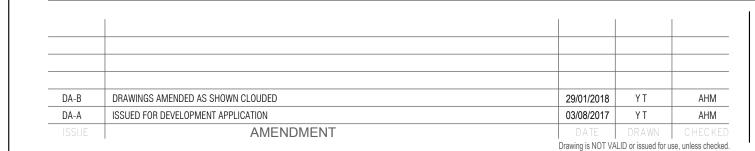












Development Application
Original Design:
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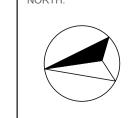
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Shadow Diagram 01 (Winter Solstice)

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AHM YT March 2017 1:125@A1 A3 SHEET

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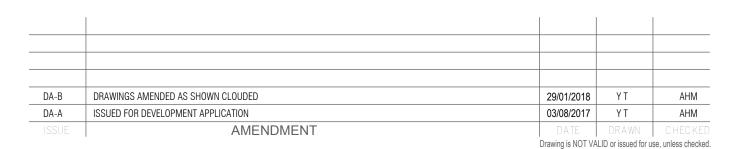
4-14 Mark St Lidcombe, NSW 2141

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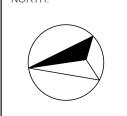
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# Shadow Diagram 02 (Winter Solstice)

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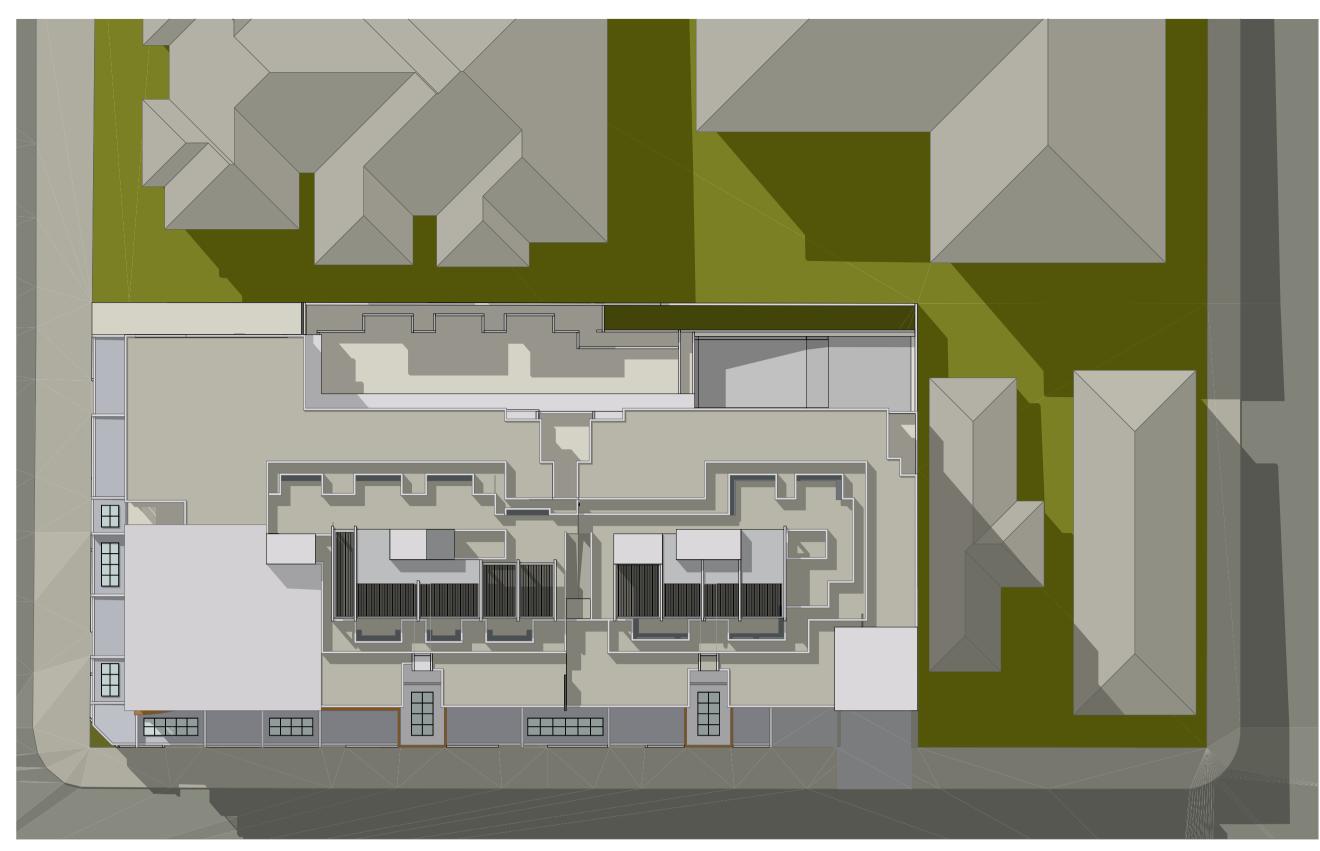
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ZHINAR ARCHITECTS Zhinar Architects Pty Ltd Suite 1 Level 2, 2 Rowe Street (Cnr Ryedale Road), Eastwood NSW 2122 PH: (+61 2) 8893 8888 WEB: www.zhinar.com.au MIXED USE DEVELOPMENT

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9AM SHADOW



3PM SHADOW

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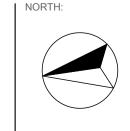


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12PM SHADOW

### Shadow Diagram ( Equinox )

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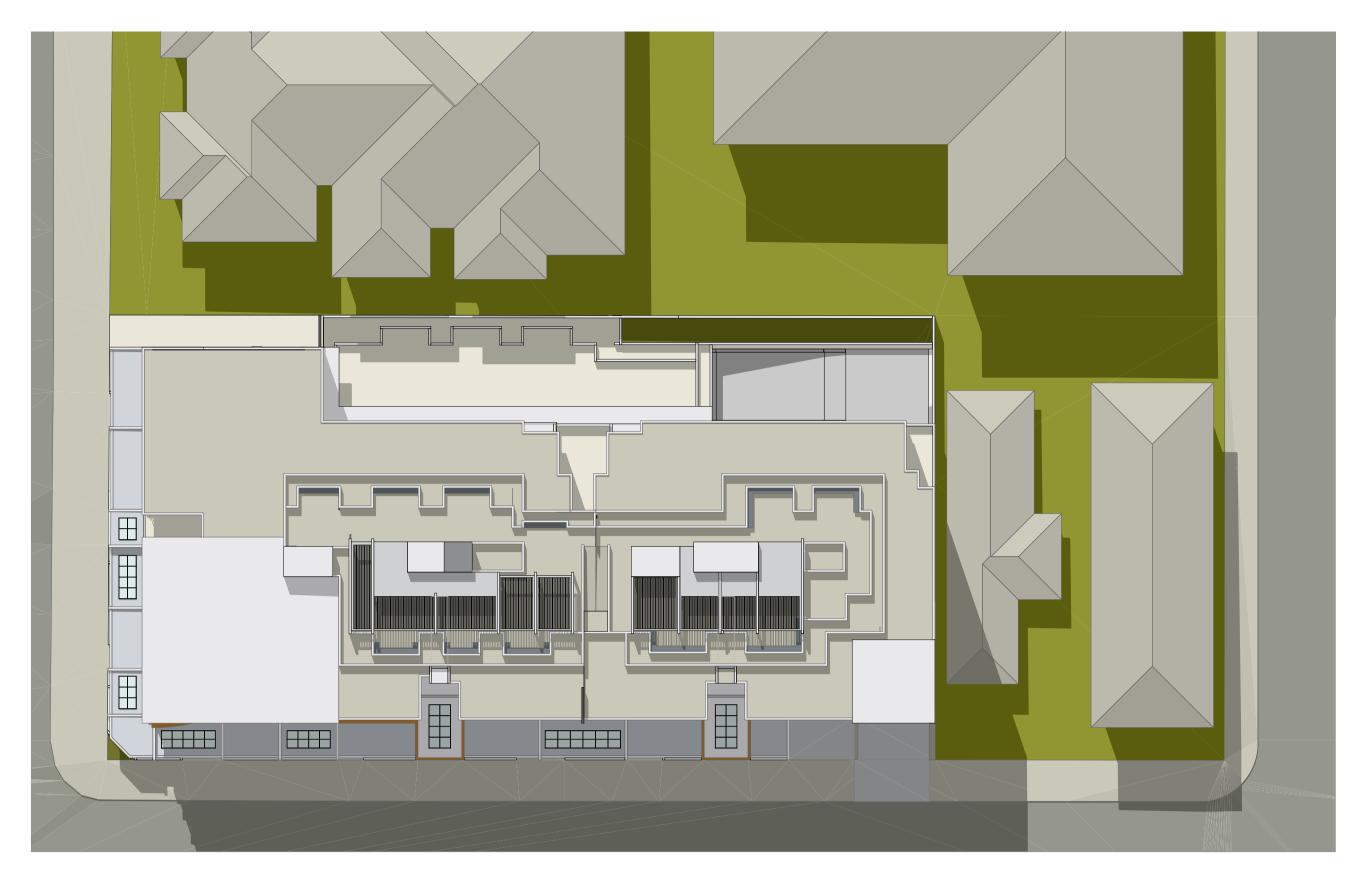
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9AM SHADOW



3PM SHADOW

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Development Application

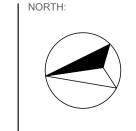
Original Design:
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12PM SHADOW

### Shadow Diagram (Summer Solstice)

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MIXED USE DEVELOPMENT

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8538 DA - B:29



# DEVELOPMENT APPLICATION

### PROPOSED MIXED USE DEVELOPMENT

4-14 Mark St, Lidcombe

#### **DEVELOPMENT SUMMARY**

SITE AREA 3,149 m2 (approx.)

Permittable max. FSR

**Ground Floor** 1,181.85 m2 1,509.72 m2 First Floor

1,516.66 m2 x 8 floors = 12,133.28 m2 Second - Ninth Floor

14,824.85 m2 ( FSR 4.7 : 1 )

**BUILDING HEIGHT** Permittable

35 m to the top of lift overun (Clause 4.6 provided)

**FSR CALCULATION** 

PROPOSED FLOOR AREA

Corner street setback (Mark St & Marsden St) - Northern and Western Rear setback (Eastern) -- Basements & Ground 0-3 m Rear setback (Eastern) -- Level 1 upwards

Side setback (Southern)

**DEEP SOIL AREA** 184.56 m2 (5.86%)

200.7 m2 ( 6.4% ) LANDSCAPED AREAS

971.74 m2 (6 Shops) **COMMERCIAL / RETAIL AREAS** 

Ground (commercials / retails) **COMMON OPEN SPACE** 

339.35 m2 (10.77%) Rooftop terrace (residents) 754.32 m2 (23.95%) 1 093.67 m2 (34.73%)

Unit Mix / Yield

	1BR	2BR	3BR	Total
L1-9	4 x 9 = 36 units	14 x 9 = 126 units	1 x 9 = 9 units	171 units
Total	36 units (21%)	126 units (73.7%)	9 units (5.3%)	171 units (100%)

#### PARKING CALCULATION - ( ADCP 2010 )

No.of Bedrooms	Minimum Car Spa	aces required	Maximu	m Car Spaces required
1BR - 36 units	36 x 1 space	= 36 spaces	36 x 1 space	= 36 spaces
2BR - 126 units	126 x 1.2 spaces	= 152 spaces	126 x 3 spaces	s = 378 spaces
3BR - 9 units	9 x 1.5 spaces	= 14 spaces	9 x 4 spaces	= 36 spaces

Visitor (101-250 units) 12 spaces 55 spaces

1 space per 60 m2 = 17 spaces 4 spaces per 40 m2 = 97 spaces Commercial

602 spaces (max.) **TOTAL 171 units** 231 spaces (min.)

Total car parking provided = 434 spaces

**AMENDMENT** 

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401 spaces (19 accesible parking) - Resident parking 12 spaces (1 accessible parking) Visitor parking - Retail / Commercial staff 12 spaces

9 spaces (1 accessible parking) - Retail / Commercial customers 35 spaces (36 spaces provided) - Bicycle parking (1 every 5 units)

**Development Application** 

29/01/2018

03/08/2017 Y T

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Level 9 Plan

Top Roof Plan West Elevation - Mark St

Shadow Diagram 01 (Winter Solstice)

Shadow Diagram 02 (Winter Solstice) Shadow Diagram ( Equinox ) Shadow Diagram (Summer Solstice)

Solar & Cross Ventilation Diagrams Solar Diagram -- View from sun

**GFA DIAGRAM** 

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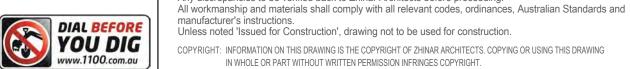
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West Elevation (Existing Context)
Scale 1 : 400 @ A3



West Elevation (Future Context)
Scale 1 : 400 @ A3

DA-B	DRAWINGS AMENDED AS SHOWN CLOUDED	29/01/2018	ΥT	AHM
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Development Application

Original Design:
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Street Frontage								
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Zhinar Architects Pty Ltd

ABN: 28 495 869 790

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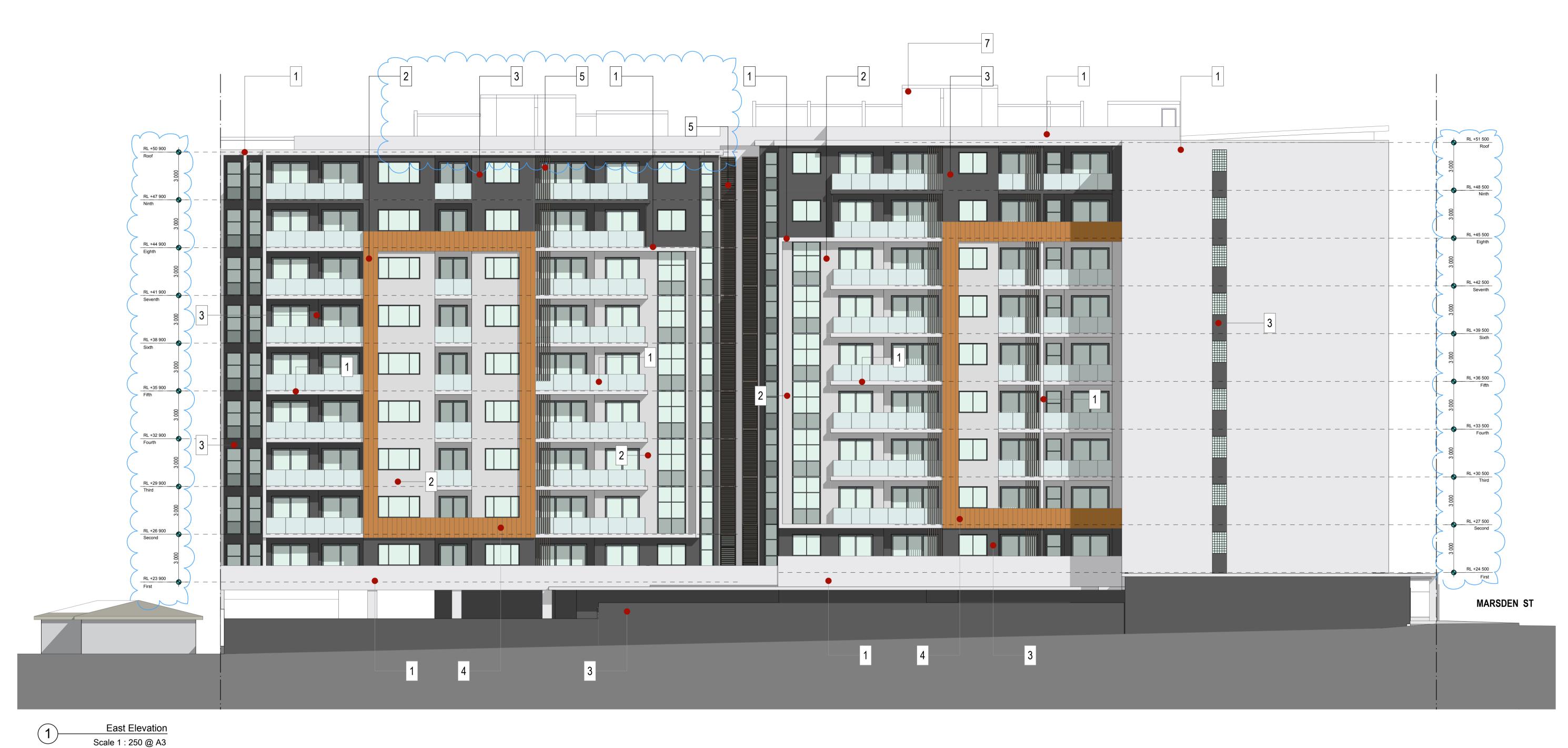
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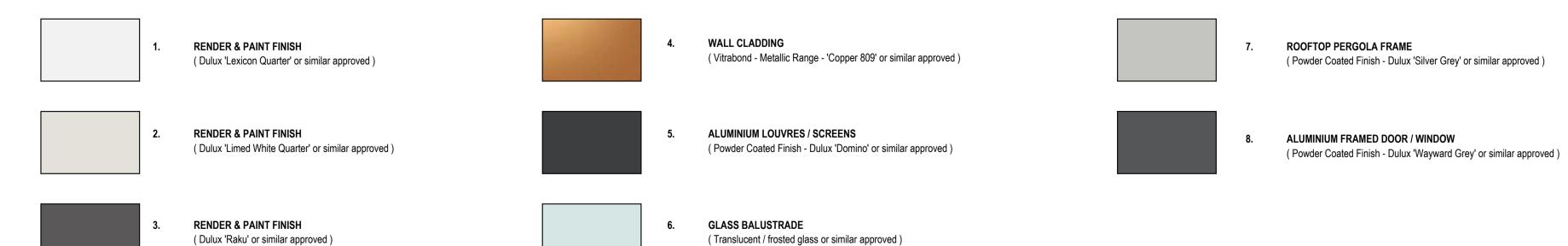
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#### SCHEDULE OF FINISHES



#### Ground to Level 1 floor height increased by 500mm, upper floors follow Add rooftop terrace COS to tower B, connected by accessible ramps to tower A rooftop terrace **REVISION B:**

DA-B	DRAWINGS AMENDED AS SHOWN CLOUDED	31/01/2018	ΥT	AHM
DA-A	ISSUED FOR DEVELOPMENT APPLICATION	03/08/2017	ΥT	AHM
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#### SHEET TITLE: East Elevation DESIGNED: DRAWN: COMMENCED: SCALE: PRINT: 1:125@A1 A3 SHEET 1:250@A3

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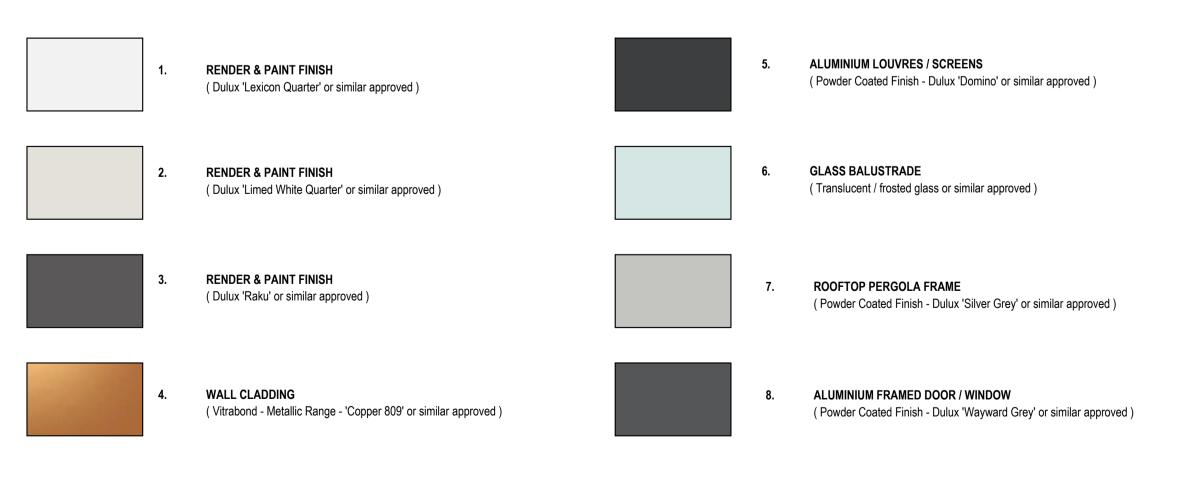
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North Elevation - Marsden St Scale 1 : 250 @ A3

#### **SCHEDULE OF FINISHES**



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North storefront pathway
Scale 1 : 200 @ A3

### REVISION B : - All residential units (previously proposed) on Ground converted to commercial areas - Ground to Level 1 floor height increased by 500mm, upper floors follow

DA-B	DRAWINGS AMENDED AS SHOWN CLOUDED	29/01/2018	ΥT	AHM
DA-A	ISSUED FOR DEVELOPMENT APPLICATION	03/08/2017	ΥT	AHM
ISSUE	AMENDMENT	DATE	DRAWN	CHECKED

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Original Design:
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North Elevation - Marsden St

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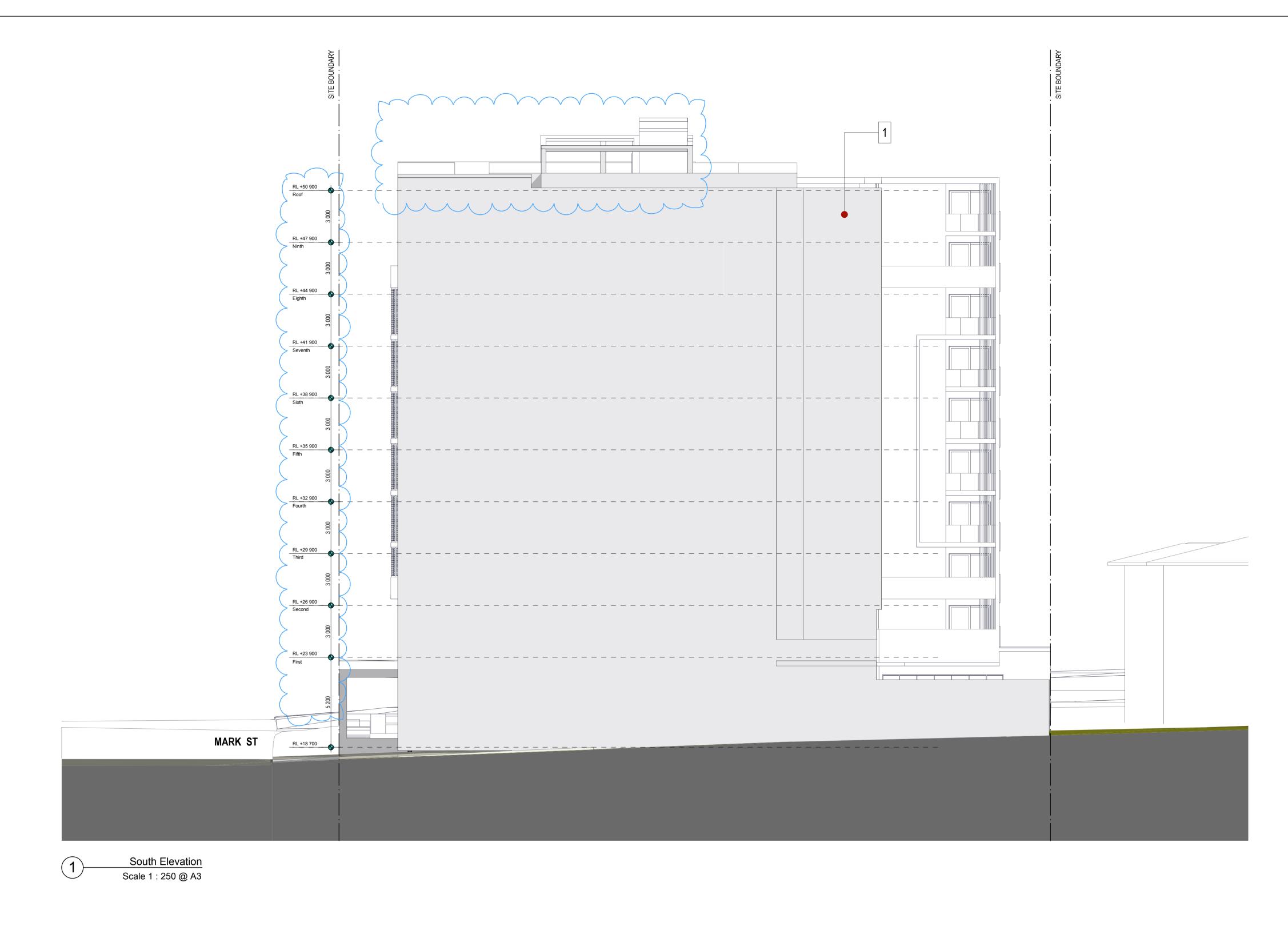
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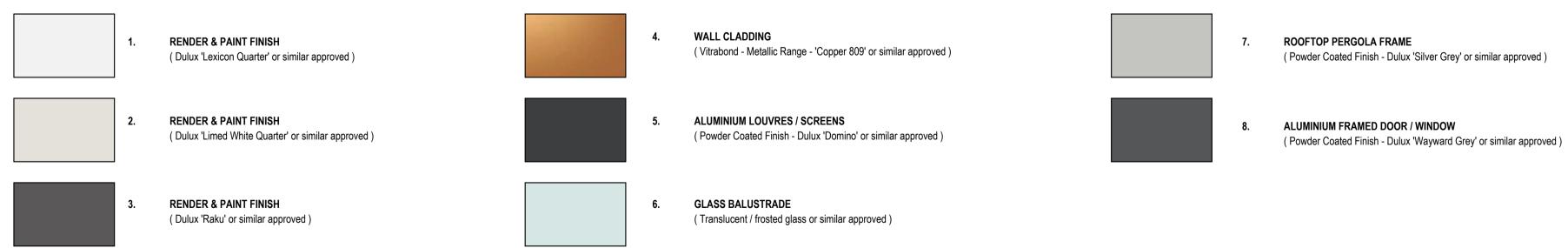
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#### SCHEDULE OF FINISHES



### REVISION B : - Ground to Level 1 floor height increased by 500mm, upper floors follow - Add rooftop terrace COS to tower B, connected by accessible ramps to tower A rooftop terrace

DA-B	DRAWINGS AMENDED AS SHOWN CLOUDED	29/01/2018	ΥT	AHM	
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