PPSSSH-70 - 5 to 9 Ozone Street, Cronulla

MA21/0080

ASSESSMENT REPORT APPENDICES

Appendix A Draft Modified Conditions of Cons	ent
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- B SEPP 65 Design Principles
- C Apartment Design Guide (ADG) Building key Design Criteria
- D SSDCP 2015 Compliance Table
- E Architectural Drawings

DRAFT CONDITIONS OF CONSENT

MODIFIED DEVELOPMENT APPLICATION NO. 21/0080

1. Approved Plans and Documents

The development must be undertaken substantially in accordance with the BASIX certificate, details and specifications set out on the following approved plans:

Plan Number	Reference	Prepared by	Date
S4.56_DA000	Cover Sheet	PBD Architects	27 March
Revision E			2020
S4.56_DA100	Basement 3 Plan	PBD Architects	19 November
Revision F			2020
S4.56_DA101	Basement 2 Plan	PBD Architects	19 November
Revision F			2020
S4.56_DA102	Basement 1 Plan	PBD Architects	19 November
Revision F			2020
S4.56_DA103	Ground Floor Plan	PBD Architects	16 April 2020
Revision E			
S4.56_DA103	Ground Floor Plan	PBD Architects	8 February
Revision G			2021
S4.56_DA104	Level 1 Plan	PBD Architects	16 April 2020
Revision E			
S4.56_DA104	Level 1 Plan	PBD Architects	8 February
Revision H			2021
\$4.56_DA105	Level 2 Plan	PBD Architects	16 April 2020
Revision E			
S4.56_DA105	Level 2 Plan	PBD Architects	8 February
Revision H			2021
\$4.56_DA106	Level 3 Plan	PBD Architects	16 April 2020
Revision E			
S4.56_DA106	Level 3 Plan	PBD Architects	8 February
Revision H			2021
S4.56_DA107	Level 4 Plan	PBD Architects	16 April 2020
Revision E			

S4.56_DA107	Level 4 Plan	PBD Architects	8 February
Revision H			2021
S4.56_DA108	Level 5 Plan	PBD Architects	16 April 2020
Revision E			
S4.56_DA108	Level 5 Plan	PBD Architects	8 February
Revision H			2021
S4.56_DA109	Level 6 Plan	PBD Architects	16 April 2020
Revision E			
S4.56_DA109	Level 6 Plan	PBD Architects	8 February
Revision H			2021
\$4.56_DA110	Level 7 Plan	PBD Architects	16 April 2020
Revision E			
S4.56_DA110	Level 7 Plan	PBD Architects	8 February
Revision H			2021
S4.56_DA111	Level 8 Plan	PBD Architects	16 April 2020
Revision F			
S4.56_DA111	Level 8 Plan	PBD Architects	8 February
Revision H			2021
S4.56_DA112	Roof Terrace Plan	PBD Architects	16 April 2020
Revision D			
S4.56_DA112	Roof Terrace Plan	PBD Architects	19 February
Revision F			2021
\$4.56_DA113	Roof Plan	PBD Architects	18 March
Revision C			2020
S4.56_DA113	Roof Plan	PBD Architects	19 February
Revision E			2021
\$4.56_DA200	East Elevation Ozone	PBD Architects	18 March
Revision B	Street		2020
S4.56_DA200	East Elevation Ozone	PBD Architects	19 February
Revision G	Street		2021
S4.56_DA202	West Elevation	PBD Architects	27 March
Revision C			2020
S4.56_DA202	West Elevation	PBD Architects	19 February
Revision H			2021
\$4.56_DA203	North Elevation	PBD Architects	18 March
Revision B	Ocean Grove Rod		2020
S4.56_DA203	North Elevation	PBD Architects	19 February
Revision G	Ocean Grove Rd		2021

\$4.56 DA201	South Elevation	PBD Architects	18 March
Revision B	Cecil Monroe Ave		2020
S4.56 DA201	South Elevation	PBD Architects	19 February
Revision G	Cecil Monroe Ave		2021
\$4.56 DA300	Section A	PBD Architects	11 September
Revision A			2019
S4.56_DA300	Section A	PBD Architects	19 February
Revision C			2021
S4.56_DA301	Section B	PBD Architects	11 September
Revision A			2019
S4.56_DA301	Section B	PBD Architects	19 February
Revision C			2021
S4.56_DA302	Section C	PBD Architects	19 February
Revision B			2021
S4.56_DA400	Material Finishes	PBD Architects	18 March
Revision C			2020
S4.56_DA400	Material Finishes	PBD Architects	8 February
Revision E			2021
S4.56_502 Revision A	Storage Diagram	PBD Architects	11 September
			2019
DA05.03 Revision H	Driveway Ramp	Vic Lake Architect	6 November
	Section		2018
DA05.04 Revision H	Section Detail Façade	Vic Lake Architect	7 November
			2018
S4.56_DA600	Adaptable Unit	PBD Architects	11 September
Revision A			2019
S4.56_DA601	Adaptable Unit	PBD Architects	11 September
Revision A			2019
S4.56_DA602	Adaptable Unit	PBD Architects	11 September
Revision A			2019
S4.56_DA603	Livable Unit	PBD Architects	18 March
Revision B			2020
DA06.07 Revision H	Communal Open	Vic Lake Architect	6 November
	Storage		2018
DA06.30 Revision H	Construction	Vic Lake Architect	20 March
	Management Plan –		2018
	Stage One		

DA06.31 Revision A	Construction	Vic Lake Architect	20 March
	Management Plan –		2018
	Stage Two		
DA06.32 Revision A	Construction	Vic Lake Architect	20 March
	Management Plan –		2018
	Stage Three		
DA06.48 Revision H	Planting Pocket	Vic Lake Architect	7 November
			2018
17A09_DA_C000	Cover Sheet, Drawing	Henry & Hymes	31 July 2018
Revision 01	Schedule, Notes &		
	Locality Sketch		
17A09_DA_C100	Stormwater	Henry & Hymes	31 July 2018
Revision 01	Management Plan		
17A09_DA_200	OSD Tank Sections	Henry & Hymes	31 July 2018
Revision 01	and Details		
L-0001/D	Coversheet	Habit8	2 February
			2021
17-0679L L01	Paving and Planting	Habit8	31 January
Revision Q	Schedule		2019
17-0679L L01	Landscape Plan -	Habit8	31 January
	Ground Level (South		2019
	Western)		
L-001/D	Landscape Layout	Habit 8	2 February
	Plan 01		2021
17-0679L L02	Landscape Plan	Habit8	31 January
Revision Q	Ground Level (North		2019
	Western)		
L-1002/D	Landscape Layout	Habit 8	2 February
	Plan 02		2021
17-0679L L03	Landscape Plan -	Habit8	31 January
Revision Q	Ground Level (South		2019
	Eastern)		
L-003/D	Landscape Layout	Habit 8	2 February
	Plan 03		2021
17-0679L L04	Landscape Plan -	Habit8	31 January
Revision Q	Ground Level (North		2019
	Eastern)		
L-004/D	Landscape Layout	Habit 8	2 February
	Plan 04		2021

17-0679L L05	Landscape Planting	Habit8	31 January
Revision Q	Plan Ground Level -		2019
	(South Western)		
L-2001/D	Landscape Planting	Habit 8	2 February
	Plan 01		2021
17-0679L 06	Landscape Planting	Habit8	31 January
Revision Q	Plan - Ground Level		2019
	(North Western)		
L-2002/D	Landscape Planting	Habit 8	2 February
	Plan 02		2021
17-0679L L07	Landscape Planting	Habit8	31 January
Revision Q	Plan - Ground Floor		2019
	(South Eastern)		
L-2003/D	Landscape Planting	Habit 8	2 February
	Plan 03		2021
17-0679L L08	Landscape Planting	Habit8	31 January
Revision Q	Plan Ground Floor		2019
	(North Eastern)		
L-2004/D	Landscape Planting	Habit 8	2 February
	Plan 04		2021
17-0679L L09	Landscape Planting –	Habit8	31 January
Revision Q	Roof Terrace		2019
	(Southern)		
17-0679L L10	Landscape Plan –	Habit8	31 January
Revision Q	Roof Terrace		2019
	(Northern)		
L-3001/D	Landscape Sections	Habit 8	2 February
			2021
L-3002/D	Landscape Sections	Habit 8	2 February
			2021
L-3003/D	Landscape Elevation	Habit 8	2 February
	Ozone St		2021
L-4001/D	Specification Notes	Habit 8	2 February
	and Maintenance		2021
	Program		
L-4002/D	Landscape Details	Habit 8	2 February
			2021
L-4003/D	Landscape Details	Habit 8	2 February
			2021

(Modified – XX.)

and any details on the application form and on any supporting information received with the application except as amended by the following conditions.

Note: The following must be submitted to Sutherland Shire Council prior to the commencement of any building work.

- i) A Construction Certificate.
- ii) Notification of the appointment of a Principal Certifying Authority and a letter of acceptancefrom that Principal Certifying Authority.
- iii) Notification of the commencement of building works with a minimum of 2 days' notice of such commencement.

4. Positive Covenant over Green Wall

A. Before Occupation

Before the issue of any Occupation Certificate, a positive covenant pursuant to Section 88E of the Conveyancing Act, 1919 shall be created on the title of the allotment to ensure that the green wall on the eastern elevation of Ground floor and Level 1 (adjacent to the main building entry from Ozone Street), and the green walls within the north western Communal Open Space remain an integral component of the building for the life of the development. To this end the registered proprietor(s) of the property shall covenant with Sutherland Shire Council and its successors that the green walls shall be maintained, irrigated and (if necessary) replanted in perpetuity in accordance with Condition 24.

Ongoing maintenance of the green wall shall be undertaken in accordance with the Green Wall Maintenance Plan required under Condition 25.

20. Landscaping Works

A. Design

The landscaping works must be designed in accordance with the approved Landscape Plan except where modified by the following:

- i) Provide amendments as shown on Tthe approved landscape plans are to be amended to reflect the approved architectural plans and conditions of consent. referenced in Condition 1 of this consent.
- iii) Clearly show on plan existing trees to be removed /retained including tree numbering in accordance with the arborist report OR provide a separate existing tree plan and schedule.

- iv) Tree Protection Zones (TPZ) / the location of tree protective fencing must be shown on plan for all existing trees and/or natural site features to be retained and protected.
- v) Provide minimum soil depths AND volumes when planting over slab in accordance with the Apartment Design Guide as follows:
 - 1200mm depth for large trees (12-18m tall)
 - 1000mm depth for medium trees (8-12m tall)
 - 800mm depth for small trees (6-8m tall)
 - 600mm for shrubs.
 - 300-450mm for ground covers.
 - 200mm depth for turf
- vi) The Communal Open Space (COS) to the north western corner of the site must accommodate a universal toilet, BBQ, basic kitchen facilities and furniture as shown on the landscape plans referenced in condition 1 of this consent.
- vii) All landscape retaining walls and planter boxes must be constructed in masonry, stone or gabions. Timber is not acceptable.
- viii) Each ground floor unit must be provided with a clothes line easily accessible from the laundry. Each unit above the ground floor must be provided with a clothes line on a balcony located below balustrade height, with the balustrade treated so that clothes are not readily visible from the street.
- ix) All planted and turf areas including those on slab must be provided with a waterefficient irrigation system and taps at 25m centres, connected to a pump and the rainwater tank or mains, to enable effective plant establishment and maintenance.
- x) The private open space of each ground floor dwelling must be provided with one tap, connected to mains water.
- xi) To improve coverage and reduce weeds and maintenance, planting densities in all planting areas including planter boxes must achieve a minimum of 4 plants per square metre.
- xii) To reduce long term maintenance of planting beds turf species must be native grass such as *Zoysia macrantha* 'Nara' or Buffalo grass varieties.
- xiii) Screening trees capable of attaining a minimum of 12m height at maturity are to be installed in a minimum 200L pot size at the following locations on the ground floor.
 - 1. 3 to Cecil Monro Avenue frontage
 - 2. 9 to Ozone Street frontage
 - 3. 4 to Ocean Grove Avenue

- xiv) The paved entry area in front of unit G03 providing access to the front north eastern communal space (shown on L-0003/D, Landscape Layout Plan 03 and L-0004/D, Landscape Layout Plan 04, by Habit8, dated 2 February 2021) is to be converted to garden and planted. The planting bed and turf is to continue from the communal open space to the front pathway into entrance of the building.
- xv) The total number of shrubs to be planted along the three frontages of the site (as shown on L-2001/D Planting Plan 01, L-2002/D Planting Plan 02, L-2003/D Planting Plan 03, L-2004/D Planting Plan 04, Habit8, dated 2 February 2021) are to be increased in numbers to 385 shrubs.
- xvi) The planter box wall (PW) (including screen fence) to the private open space of unit G04 is to be setback 1m min from the back of the services wall that will accommodate the FHB and GM.
- xvii) The palisade fence (shown on L-1001/D Landscape Layout Plan01, Habit8 dated 2 February 2021) is to be installed on the wall that encloses the concreted bin collection area only.
- xviii) Eleven (11) star jasmine creepers are to be planted underneath the three magnolia trees above the driveway entrance to drape over the wall.
- xix) The front fence is to be finished in sandstone cladding and constructed no greater than 400mm in height when measured from natural ground level.

The applicant must engage a suitably qualified Landscape Designer or Landscape Architect to oversee any design changes to the approved Landscape Plan and amendments required above. Details of these design changes must be included in the documentation submitted with the application for a Construction Certificate.

Notes:

A Landscape Designer is a person eligible for membership of the Australian Landscape Designers and Managers and a Landscape Architect is a person eligible for membership of the Australian Institute of Landscape Architects as a Registered Landscape Architect.

If demolition works to occur prior to the Construction Certificate being issued, tree protection measures must be installed prior to commencement of demolition.

B. Prior to Occupation/Occupation Certificate

The landscape works must be completed in accordance with the approved Landscape Plan and amendments required by 'A' above by persons with a minimum AQF Level III certification in Horticulture or Landscape Construction. A Final Landscape Inspection must be carried out and a certificate issued by Council's landscape officer prior to occupation or the issue of an Occupation Certificate. This certificate is required to ensure that all tree

protection measures, landscaping works, replacement tree planting and the deep soil

percentage requirements have been carried out in accordance with 'A' above and other conditions within this consent, and that all new indigenous plants on the site and within the

road reserve are the correct species.

To arrange a Final Landscape Inspection please phone 9710-0333 a minimum of 48 hours

prior to the required inspection date. An inspection fee will be charged in accordance with

the current schedule of rates listed on Council's website. Any secondary inspections will

incur a reinspection fee.

C. Ongoing

All landscaping works required by 'A' above must be maintained for 12 months following the

final landscape inspection date. Trees required by this condition must be maintained and

protected until they are covered by Council's Controls for Preservation of Trees and Bushland

Vegetation (SSCDCP 2015 Chapter 38).

Any plants found faulty, damaged, diseased or dead shall be replaced with the same species

in the same sized container within one month with all costs borne by the owner.

Note: If difficulty is experienced sourcing suitable indigenous plants from other suppliers,

plants grown from locally provenance seed may be available from:

Sutherland Shire Council Nursery

345 The Boulevarde, Gymea

Ph: 02 9524 5672

(Modified - XX.)

23. Green Wall Design

A. Design

The design of the green wall on the eastern elevation of Ground floor, and Level 1 (adjacent

to the main building entry from Ozone Street) and within the communal space areas on the

western side of the building must demonstrate the response to site conditions, including in

particular light availability, sun, salt tolerance and wind impacts.

B. Before Construction

i) Detailed drawings demonstrating how the green wall is constructed, including

proposed materials, planter dimensions, and integration into the wall structure;

- ii) Details of the proposed growing medium, including soil depth and type;
- iii) Location, numbers, type and size of plant species selected (with plants being selected on the basis of the site conditions);
- iv) Drainage, irrigation and waterproofing details (as applicable); and
- v) Details of any additional lighting (where applicable).

Note:

A Landscape Designer is a person eligible for membership of the Australian Landscape Designers and Managers and a Landscape Architect is a person eligible for membership of the Australian Institute of Landscape Architects as a Registered Landscape Architect. (Modified – XX.)

24. Green Wall Maintenance Plan

A. Before Construction

Prior to the issue of a Construction Certificate, a "Green Wall Maintenance Plan" is to be prepared by a suitably qualified Landscape Designer or Landscape Architect, relating to all green walls shown on the landscape plans listed in condition 1. The maintenance plan must include information on:

- (i) How access will be provided to the plants, soil and structural elements for installation and maintenance:
- (ii) How the Green Wall irrigation system will be maintained and periodically checked;
- (iii) Details outlining the intended replacement strategy for the plants in the event that the plants fail (with a maximum replacement period of 2 weeks).

Note:

A Landscape Designer is a person eligible for membership of the Australian Landscape Designers and Managers and a Landscape Architect is a person eligible for membership of the Australian Institute of Landscape Architects as a Registered Landscape Architect.

51. Communal Open Space (North East)

- The planter to the western edge of the communal open space shall be a consistent height of 1m (RL 17.00).
- ii) The walls when within the deep soil zone shall be piered to not reduce the deep soil area further.

iii) The planting within this elevated planter shall follow drawing L08 issue Q dated 31.01.19-L-2002/D Planting Plan 02, Habit 8, dated 2 February 2021.

(Modified - XX.)

53. Design Changes Required

A. Before Construction

The following design changes must be implemented:

- Aluminium privacy screens (as shown as PS on the Material Finishes plan S4.56_DA400, issue C, dated 18 March 2020) are to be installed wrapping around the north western corner of each unit on levels 1 to 7.
- ii) The ground floor level (base of the building) is to be finished in sandstone cladding.
- The front fence is to be finished in sandstone cladding and constructed no greater than 400mm in height when measured from natural ground level.
- iv) The combined height of the planter walls and palisade fence is to be no greater than1.5m in height when measured from the finished ground floor terrace levels.
- v) The palisade fence (shown on L-1001/D Landscape Layout Plan01, Habit8 dated 2 February 2021) is to be installed on the wall that encloses the concreted bin collection area only and not exceed 1.5m in height.
- vi) The planter box wall (PW) (including screen fence) to the private open space of Unit G04 is to be setback 1m min from the back of the services wall that will accommodate the FHB and GM.
- vii) The roof level is to be reduced from RL46.35 to R46.15. This is to be achieved by reducing the rooms and services on roof terrace level (as these are non-habitable areas) to 2.1m floor to ceiling height.

(Added - XX.)

An assessment of the proposal having regard to the design quality principles of SEPP 65

Design Quality	Assessment (MA21/0080)
Principles	
Principle 1:	The modifications proposed to the approved development is in keeping with
Context and	the desired future character established by SSLEP 2015 and is appropriate
neighbourhood	given the residential context of Ozone Street. The built form and massing
character	responds well to the immediate context and streetscape and neighbourhood
	character in the locality.
Principle 2:	The scale of the proposed built form is consistent with the anticipated 30m
Built Form and	building height established by SSLEP 2015. The scale of the building is
Scale	appropriate when considered in the context of the site (which includes two 9-
	storey and a 13 storey building). The modification proposed to the approved
	built form will complement the street setback character in the locality,
	maintains view retention to nearby buildings and is consistent with the
	approved development.
Principle 3:	The density of the scheme (established by the proposal's FSR) is consistent
Density	with the density standard enabled by SSLEP 2015. The modification results
	in an increase to the approved density, however retains the approved building
	footprint. The increase will unlikely result in unacceptable impacts when
	viewed from surrounding properties and the streetscape.
Principle 4:	The proposal fails to achieve compliance with the minimum solar access
Sustainability	requirements of the ADG. However, this matter has been addressed in the
	assessment report and is acceptable in the circumstances.
Principle 5:	The modification application proposes amendments to the approved
Landscape	landscape plan. The will provide landscaping along the frontages of the site
	to achieve a quality landscape strip including canopy tree planting along the
	Ozone Street and (by condition) and Ocean Grove Avenue. These trees will
	ameliorate the scale of the building at the street level.
Principle 6:	The modified proposal satisfies is consistent with the approved
Amenity	development with regards to minimum sizes of apartments and private open
	space, but does not meet the minimum design criteria in relation to solar
	access. Solar access has been discussed within the Assessment Section
	of this report.
Principle 7:	The modified application has adequately considered Crime Prevention
Safety	Through Environmental Design (CPTED) principles in the design. The
	development maintains increased activation and passive surveillance of the
	public domain.

The proposal provides a mix of apartment types (including 1, 2 and 3
bedroom units) which will encourage diversity in the future occupation of the
development. The development also includes facilities to encourage social
interaction including two separate communal open space areas with
landscaping seating and tables.
In general terms the building form, proportions and compositional strategies
proposed for the development are of a contemporary standard and will make
a positive contribution to the locality.

APPENDIX C

Apartment Design Guide (ADG) –Building Key Design Criteria			
Objective	Design Criteria	Proposal	Complies
3D-1	COS has a minimum area equal to 25% of the	n/w corner	Yes
Communal	site.	Front n/e corner reduced in	
Open		area. (122.1m ² (88.4m ² of	
Space		this is forward of the planter	
(COS)	A minimum of 50% direct sunlight to the	bed and includes turf with	
	principle usable part of COS for a minimum of	seat) (32.8m² includes	
	2 hours between 9am and 3pm on 21 June	planter bed in front of units	
	(mid-winter).	G03 and G04 etc)	
3E-1	Deep soil zones are to meet the following	139.8m ²	
Deep Soil	minimum requirements.		
Zones	7% of the site area. (111.44m²)		Yes
3F-1	Minimum required separation distances from	Ground (western boundary)	
Visual	buildings to the side and rear boundaries:	6m	Yes
Privacy		Level 1 (western boundary)	
	Up to 12m (4 storeys)	5 to 6m	No
	6m habitable rooms/balconies	Levels 2 and 3 (western	
	3m non-habitable rooms	boundary)	No
		3.72 to 6m	
	Up to 25m (5-8 storeys)	Levels 4 to 7 (western	No
	9m habitable rooms/balconies	boundary)	
	4.5m non-habitable rooms	3.72 to 6m	
	Over 25m (9+Storeys)	Level 8 (western boundary)	
	12m habitable rooms / balconies	4.1 to 9m	No
	6m non-habitable rooms		
4A-1	Living rooms and private open spaces of at	23 units	No – See
Solar and	least 70% of apartments in a building receive a	(Living Only (relying on	Assessmen
Daylight	minimum of 2 hours direct sunlight between	secondary space (family room) / 201, 301, 401, 501,	t Section of
Access	9am and 3pm at mid-winter.	601) To be changed to	Report
	(i.e. 27 apartments)	bedroom /study)	
4B-3	At least 60% of apartments are naturally cross	22 units	Yes
Natural	ventilated in the first nine storeys.		
ventilation	i.e. 23 apartments		
	May double 40m for annual branch and a second		Yes
	Max depth 18m for cross through apartment		

10.1		10- 11 11	I
4C-1	2.7m	2.7m achievable due to	Yes
Ceiling		3.1m floor to floor height	
heights		3.3m Level 8 to roof	
4D-1	• 1 bedroom = 50m ²	All units exceed the	Yes
Apartment	• 2 bedroom = 70m ²	minimum size requirements	. 55
Size &	• 3 bedroom = 90m ²		
Layout	(additional 5m² if second bathroom proposed)		
4D-2	8m from a window	8.5m to cabinetry (Units	Yes
Room	on non a wildow	105, 205 and 305)	100
Depth		100, 200 and 000)	
4D-3	Master bedrooms - min area of 10m ²	Compliant	Yes
Room	other bedrooms 9m² (excluding wardrobe		
Dimensions	space)		
	• ,		
	Bedrooms to have min dimension of 3m.		
	Living rooms or combined living/dining rooms		
	have a min width of:		
	3.6m for 1 bedroom		
	4m for 2 and 3 bedroom		
	Width of cross-over or cross through		
	apartments are a least 4m internally to avoid		
	deep narrow layout.		
4E-1	• 1 bedroom = 8m² (depth of 2m)	Compliant	Yes
Private	• 2 bedroom = 10m² (depth of 2m)		
Open	• $3+ \text{ bedroom} = 12\text{m}^2 \text{ (depth of 2.4m)}.$		
Spaces /			
Balconies	Ground Level / Podium apartments = 15m²	15m ² /3m	Yes
	(depth of 3m)		
4G-1	• 1 bedroom = 6m ³	Condition added to consent	Yes
Storage	• 2 bedroom = 8m³	under MA20/041 requiring	
	• 3 bedroom =10m ³	an updated storage plan to	
		be provided.	
	At least 50% of the required storage is to be		
	located within the apartment.		

APPENDIX D

Sutherland Shire Development Control Plan 2015				
Chapter 19 "B3 Comme	rcial Core Cronulla"			
Centre Aims	Most redevelopment expected to be mixed use as shown in light	Residential only – site not identified for mixed use.	Yes	
	blue on Cronulla Centre Strategy Map on p7, Ch 19 of DCP	This is a reasonable outcome in the residential context of the site at the fringe of Cronulla Centre		
Civil works - Shared pedestrian vehicle way	Eastern frontage in Ozone Street	Subject to detailed frontage design by Civil Assets	Conditioned	
Civil works - Street Tree Concept	Small street trees (secondary route) along eastern and southern frontages	Subject to detailed frontage design by Civil Assets / Landscape Services	Conditioned	
Built form - generally	30m height limit	30m max.	Yes	
Built form – Building envelope	Must comply with building envelope where shown	No building envelope plan specified	N/A	
Built form - Overshadowing	Minimal impact to solar access of Cronulla Mall in mid-winter	No impact to Cronulla Mall	Yes	
Built form – street address	Must address the street	Addresses Ozone Street	Yes	
Built form – design	Should acknowledge the established rhythm and scale of existing shopfronts / small lot subdivisions in vertical façade proportions	Acceptable	Yes	
	Built form articulated to avoid large expanses of unbroken wall and visually reduce bulk	Acceptable level of articulation to break up the massing of the building.	Yes	
	Basements integrated into architectural design. Driveway walls treated.	Basement is satisfactorily integrated. Driveway walls could be treated by condition.	No change	

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Road access	Ground floor residential only permitted subject to demonstration of satisfactory amenity for occupants With 2 or more road	Satisfactory amenity Cecil Monro Avenue is a lower	Yes
	frontages, vehicle access from lowest order road, or rear lane where provided	order road	
Built form - materials	Highly reflective wall and roof cladding not accepted	Appropriate materials proposed Modified from sandstone cladding to Stone Cladding Limestone'.	Yes – See Assessment Section of Report
Amalgamation	Ensure that amalgamated lots allow for the development of built forms that make a positive contribution to the spatial definition of the street and create or maintain amenity for existing and future occupants	The amalgamated lots will allow for a development that complies with relevant setbacks including street setback to Ozone Street and offers an adequate level of amenity for occupants	Yes
	Ensure safe and efficient car park and vehicle entry points can be achieved	Basement entry point is acceptable according to assessment team engineer	No change
Min. frontage width (if non-compliant with amalgamation plan)	20m for larger scale development	Exceeds 50m	Yes
Street setbacks	4m to RFB without active street frontage	N – 4m min E – 4m min. generally, except minor point encroachments to 3.33m S – 4.2m min.	Yes No

	<u> </u>	I	<u> </u>
		Note: POS areas on the ground floor are to be increased in area resulting in the POS with the following setbacks: 3.5m – Cecil Monroe Avenue 3m – Ozone Street 2.4m – Ocean Grove Road	Yes
	Changes in level, landscaping and building design employed to facilitate privacy for occupants	Acceptable privacy impacts to occupants of apartments	Yes – No change
Side and rear setbacks	Assessed on merit / Must be in accordance with ADG	Refer to ADG Compliance table	Refer to ADG Compliance table at Appendix C
Basement setbacks	Where ground floor setback required – setback to provide indigenous trees – can be 1.2m for large trees over basement	Canopy tree provided in deep soil at NE corner. "Planting pockets" at SE corner to allow for canopy tree planting, and one additional in the northern setback	No change
Clothes drying facilities	To be provided, not visible from public place and have access to sunlight	4.5 star clothes driers will be provided and compliance with BASIX energy targets is achieved	Yes
Adaptable units	20% of 38 units i.e. 8 units	(Units 201, 301, 401, 501, 601, 602, 701 and 702)	Yes
Livable units	10% of 38 units i.e. 4 units	(Units 105, 205, 305 and 505)	Yes
Rainwater reuse	Communal RWT and pump located in common open space	No RWT is required within BASIX commitments	No but no BASIX commitment made for RWT
Common and Private Open space	As per the ADG requirements	Acceptable	Yes
	Also: Min dimension 3m	6m	Yes Yes

	Provide shelter,	Shelter, furniture, BBQ, toilet	
	furniture, facilities,	and trees provided in rear COS	
		•	
	canopy trees	area	
Solar access:	Direct sun between	Refer to ADG compliance table	
Open space	March and September		
Waste storage	Provided for general	Waste collected from driveway	No change
	waste and recyclables		
	Permitted for waste	Waste storage room in	
	trucks to reverse onto a	basement. Temporary holding	
	site where it is safe to do	area in setback currently	
	so	screened from view	
	Waste storage rooms at		
	ground level to be		
	behind building setback,		
	integrated into overall		
	design, not compromise		
	amenity, screened from		
	view from the street		
O			
Car parking	Residential:		
	Min. 1 space per unit	71 residential spaces	Yes
	(i.e. 38 spaces)		
	Max 2 spaces per unit		
	(i.e. 76 spaces)		
	Residential visitor:	2 shared car wash bay/ visitor	
	No visitor parking	spaces provided	
	No car wash bays		
	required		
Motorbike parking	1 motorbike space per		
motoramo pariang		3 spaces	Yes
		3 spaces	Yes
	25 car spaces or part	3 spaces	Yes
Discolo marking	25 car spaces or part thereof = 3 spaces		
Bicycle parking	25 car spaces or part thereof = 3 spaces 1 space per 10 car	3 spaces 6 spaces	Yes
Bicycle parking	25 car spaces or part thereof = 3 spaces 1 space per 10 car parking spaces for first		
Bicycle parking	25 car spaces or part thereof = 3 spaces 1 space per 10 car parking spaces for first 200 car spaces = 7		
Bicycle parking	25 car spaces or part thereof = 3 spaces 1 space per 10 car parking spaces for first		
Bicycle parking Vehicles manoeuvring	25 car spaces or part thereof = 3 spaces 1 space per 10 car parking spaces for first 200 car spaces = 7		
	25 car spaces or part thereof = 3 spaces 1 space per 10 car parking spaces for first 200 car spaces = 7 spaces	6 spaces	Yes
	25 car spaces or part thereof = 3 spaces 1 space per 10 car parking spaces for first 200 car spaces = 7 spaces All vehicles must enter	6 spaces Yes apart from garbage truck	Yes
	25 car spaces or part thereof = 3 spaces 1 space per 10 car parking spaces for first 200 car spaces = 7 spaces All vehicles must enter and exit site in a forward	6 spaces Yes apart from garbage truck which is acceptable to reverse	Yes

times	area in the driveway – signage	
	to be provided	

SYSTEMS AND CONSULTANT INPUT WILL BE REQUIRED

ALL WORK TO COMPLY WITH BUILDING CODE OF AUSTRALIA, REQUIREMENTS OF RELEVANT STATUTORY AUTHORITIES/LOCAL

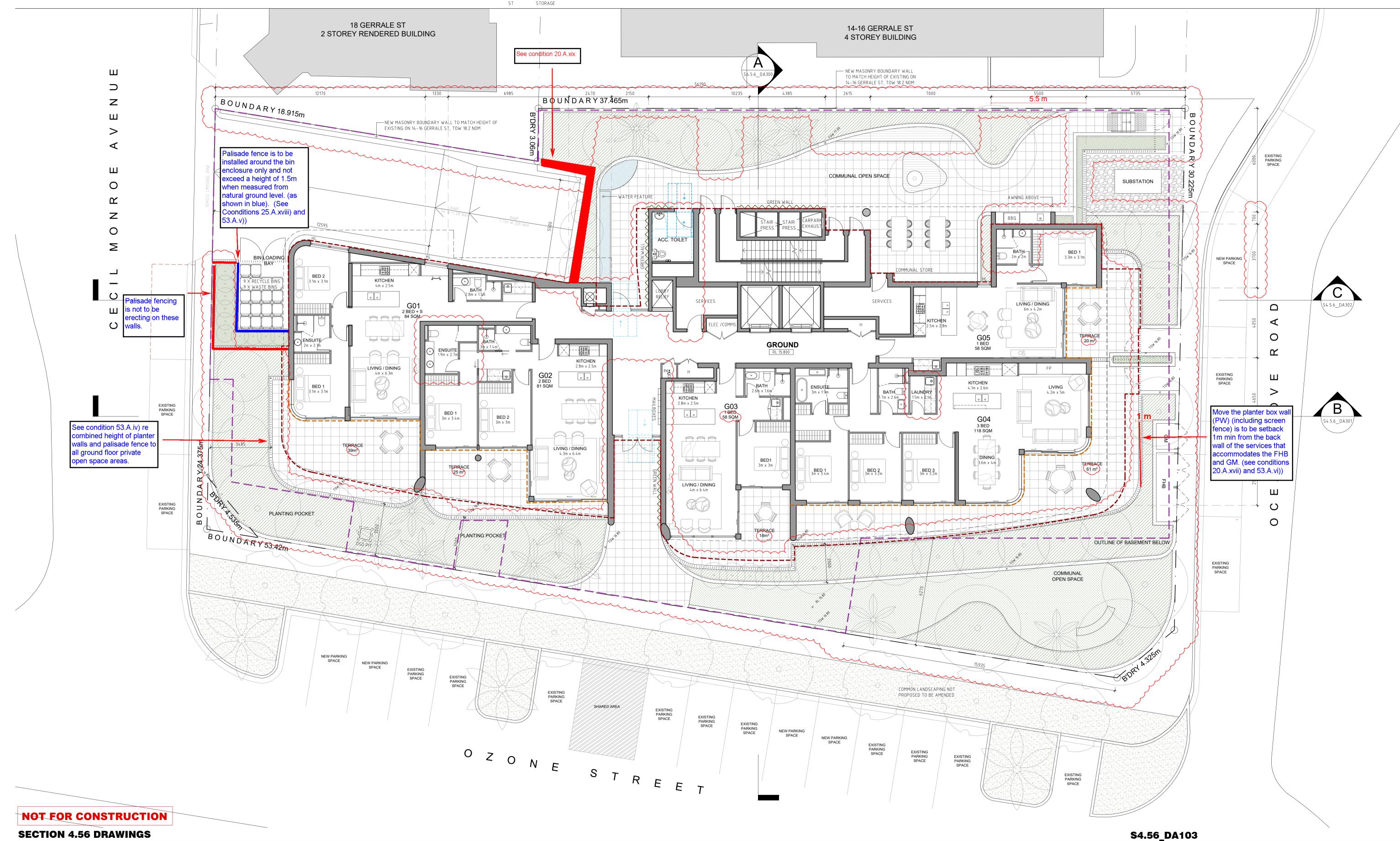
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PRIVACY SCREEN TO FUTURE DETAILS

SKYLIGHT



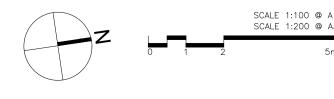
SECTION 4.56 DRAWINGS

CLIENT: OZONE CRONULLA PTY LTD

PROPOSED RESIDENTIAL FLAT BUILDING

PROPOSED RESIDENTIAL FLAT BUILDIN
5, 7 & 9 OZONE STREET, CRONULLA NSW 2230
SP 545, SP 9336, SP 48254

ISSUE	DATE	DESCRIPTION	ISSUE	DATE	DESCRIPTION
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В	16.03.2020	ISSUE FOR REVIEW			
С	18.03.2020	REVISED PLANS FOR S4.56 SUBMISSION			
D	15.04.2020	REVISED PLANS FOR S4.56 SUBMISSION			
E	16.04.2020	REVISED PLANS WITH SETBACK DIMENSIONS			
G	08.02.2021	ISSUE FOR S4.56 SUBMISSION			



GROUND FLOOR PLAN

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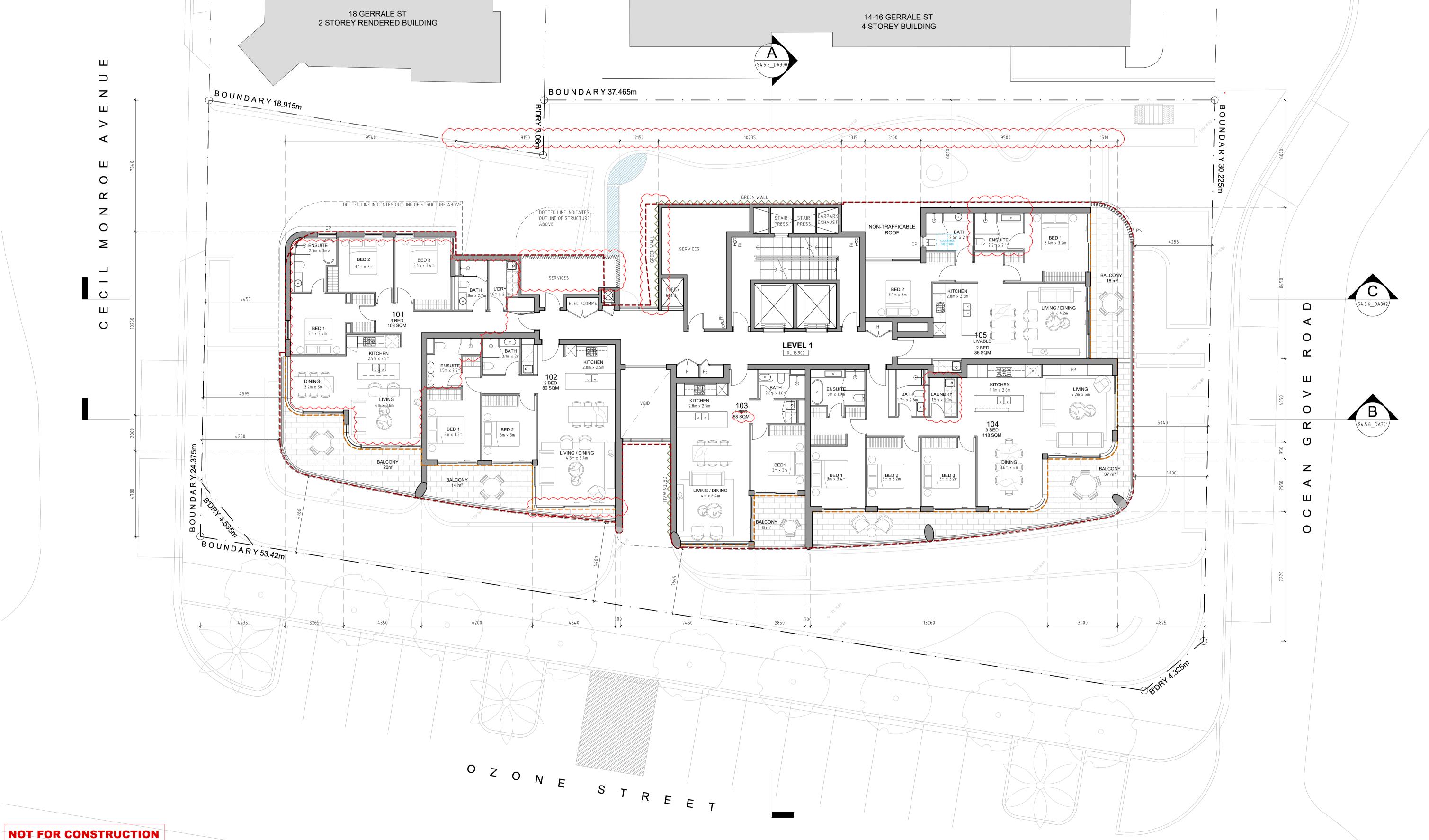
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LEGEND:

FIRE HOSE FIRE HYDRANT BOOSTER FIRE HOSE REELS FIRE PLACE GARAGE DOOR HIGHLIGHT WINDOW NATURAL GROUND LEVEL OPAQUE WINDOW

PRIVACY SCREEN TO FUTURE DETAILS

SKYLIGHT STORAGE

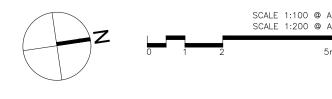


SECTION 4.56 DRAWINGS

CLIENT: OZONE CRONULLA PTY LTD

PROPOSED RESIDENTIAL FLAT BUILDING 5, 7 & 9 OZONE STREET, CRONULLA NSW 2230 SP 545, SP 9336, SP 48254

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S4.56_DA104 LEVEL 1 PLAN

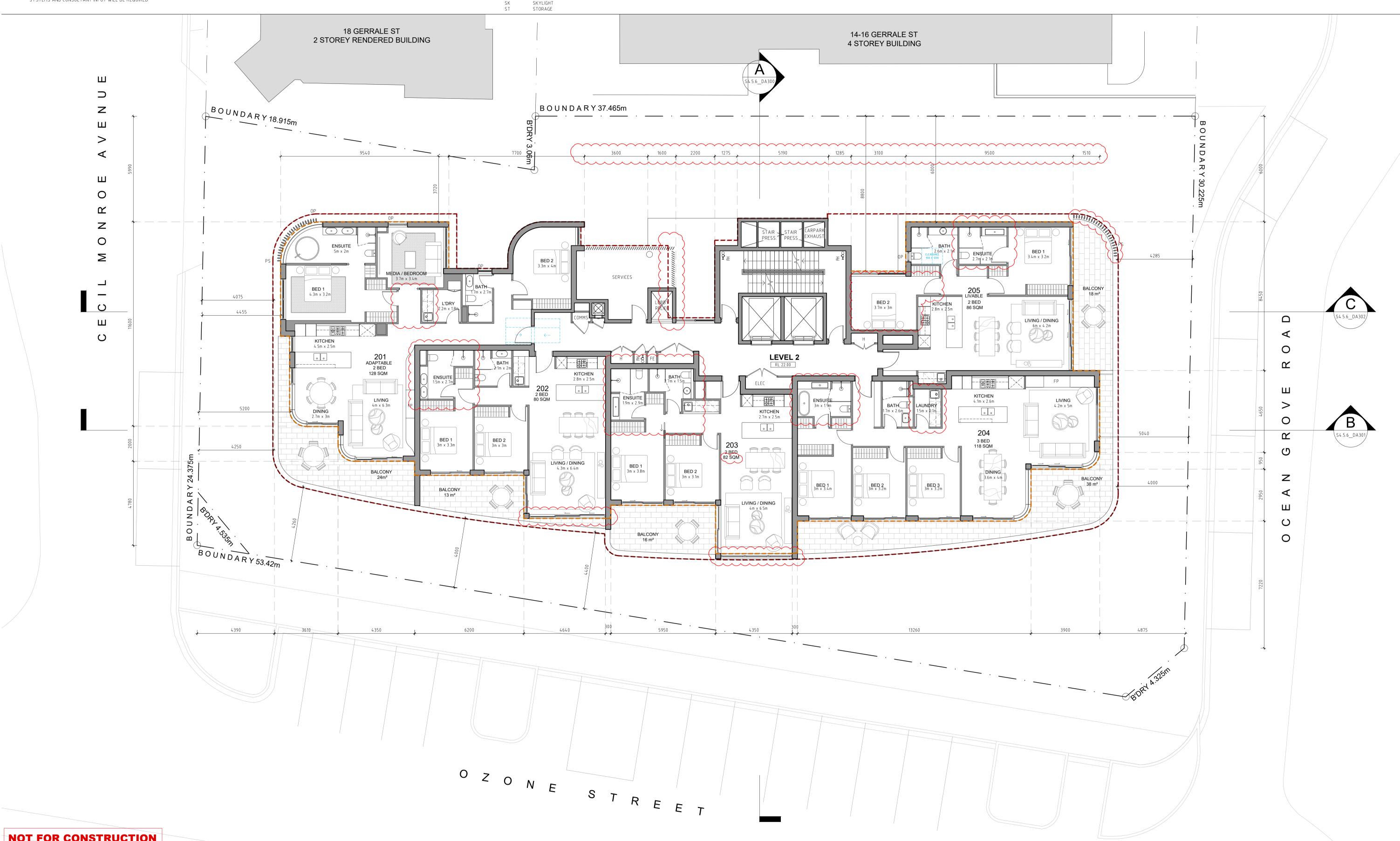
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16.03.2020 ISSUE FOR REVIEW

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18.03.2020 REVISED PLANS FOR S4.56 SUBMISSION 27.03.2020 REVISED PLANS FOR S4.56 SUBMISSION 16.04.2020 REVISED PLANS WITH SETBACK DIMENSIONS

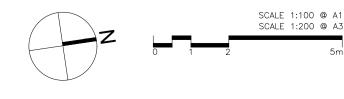
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SECTION 4.56 DRAWINGS

PROPOSED RESIDENTIAL FLAT BUILDING

, 7 & 9 OZONE STREET, CRONULLA NSW	2230
P 545, SP 9336, SP 48254	
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S4.56_DA105	
LEVEL 2 PLAN	

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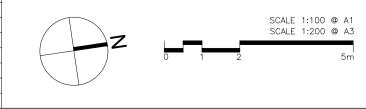


SECTION 4.56 DRAWINGS

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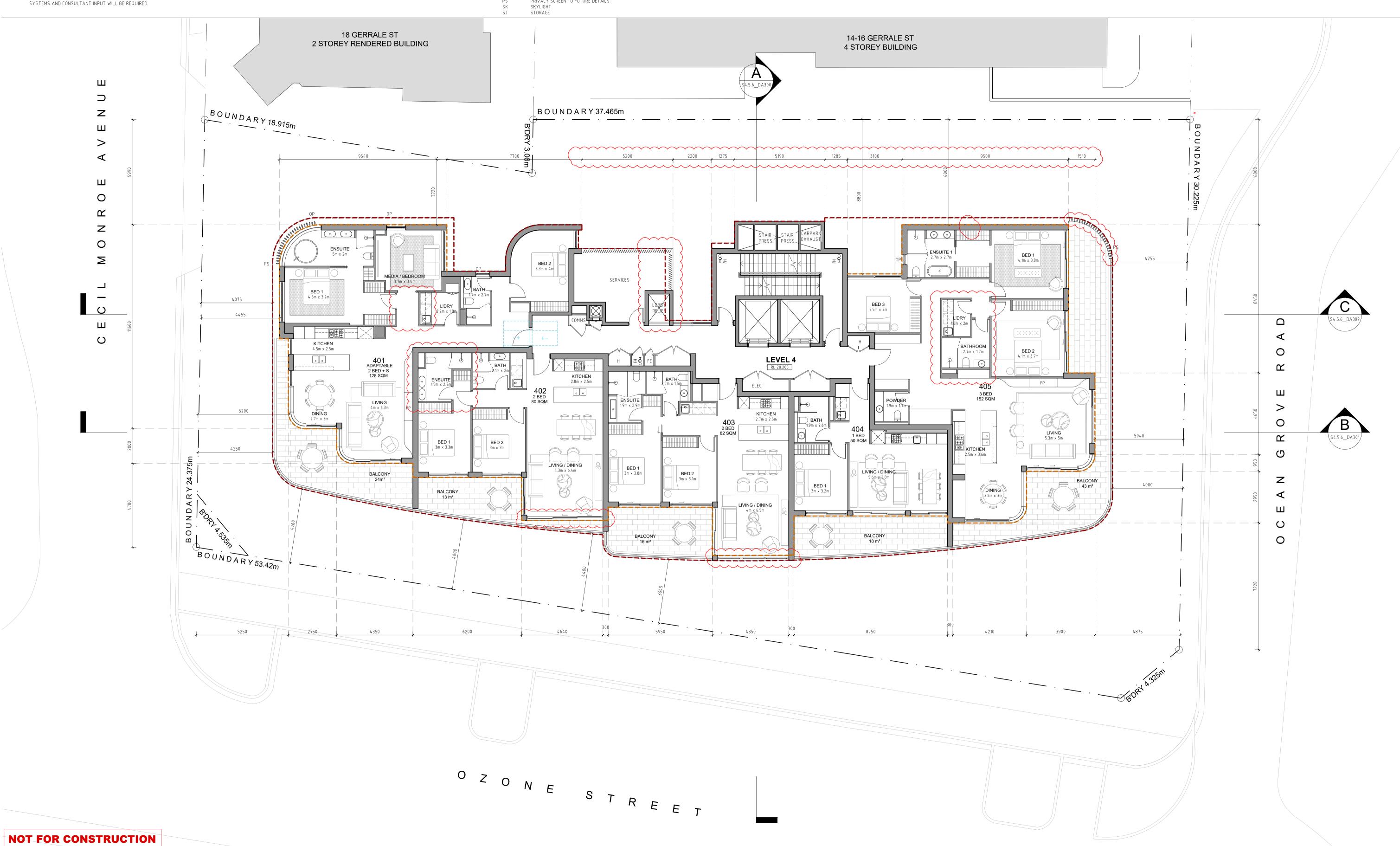
S4.56_DA106 LEVEL 3 PLAN

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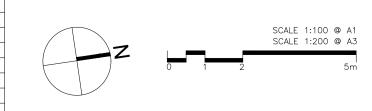
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SECTION 4.56 DRAWINGS

PROPOSED RESIDENTIAL FLAT BUILDING
5, 7 & 9 OZONE STREET, CRONULLA NSW 2230 SP 545, SP 9336, SP 48254
CLIENT: OZONE CRONULLA PTY LTD

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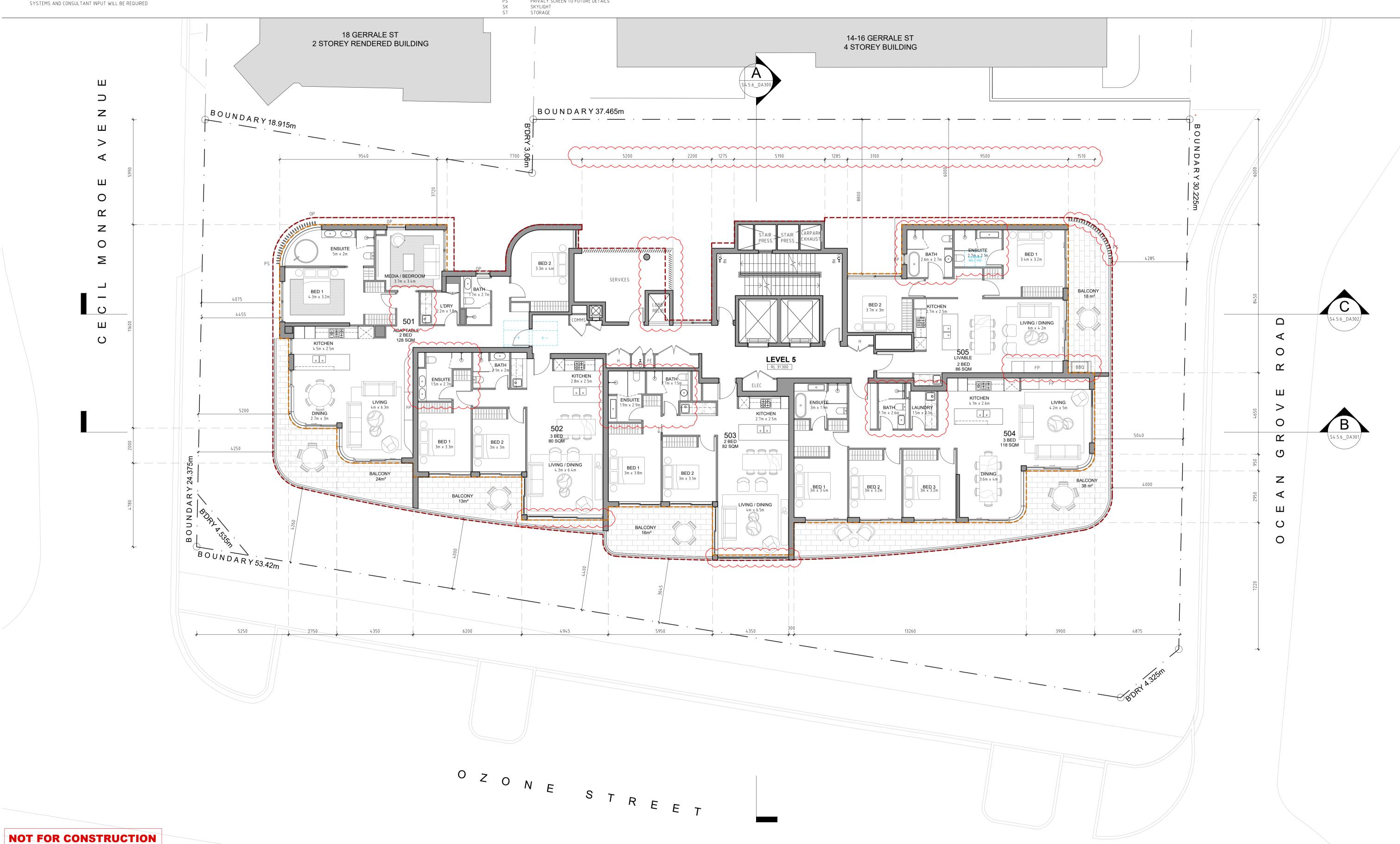
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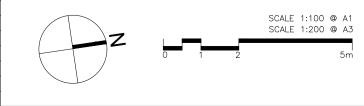
SECTION 4.56 DRAWINGS

PROPOSED RESIDENTIAL FLAT BUILDING

PROPOSED RESIDENTIAL FLAT BUILDIN
5, 7 & 9 OZONE STREET, CRONULLA NSW 2230 SP 545, SP 9336, SP 48254

CLIENT: OZONE CRONULLA PTY LTD

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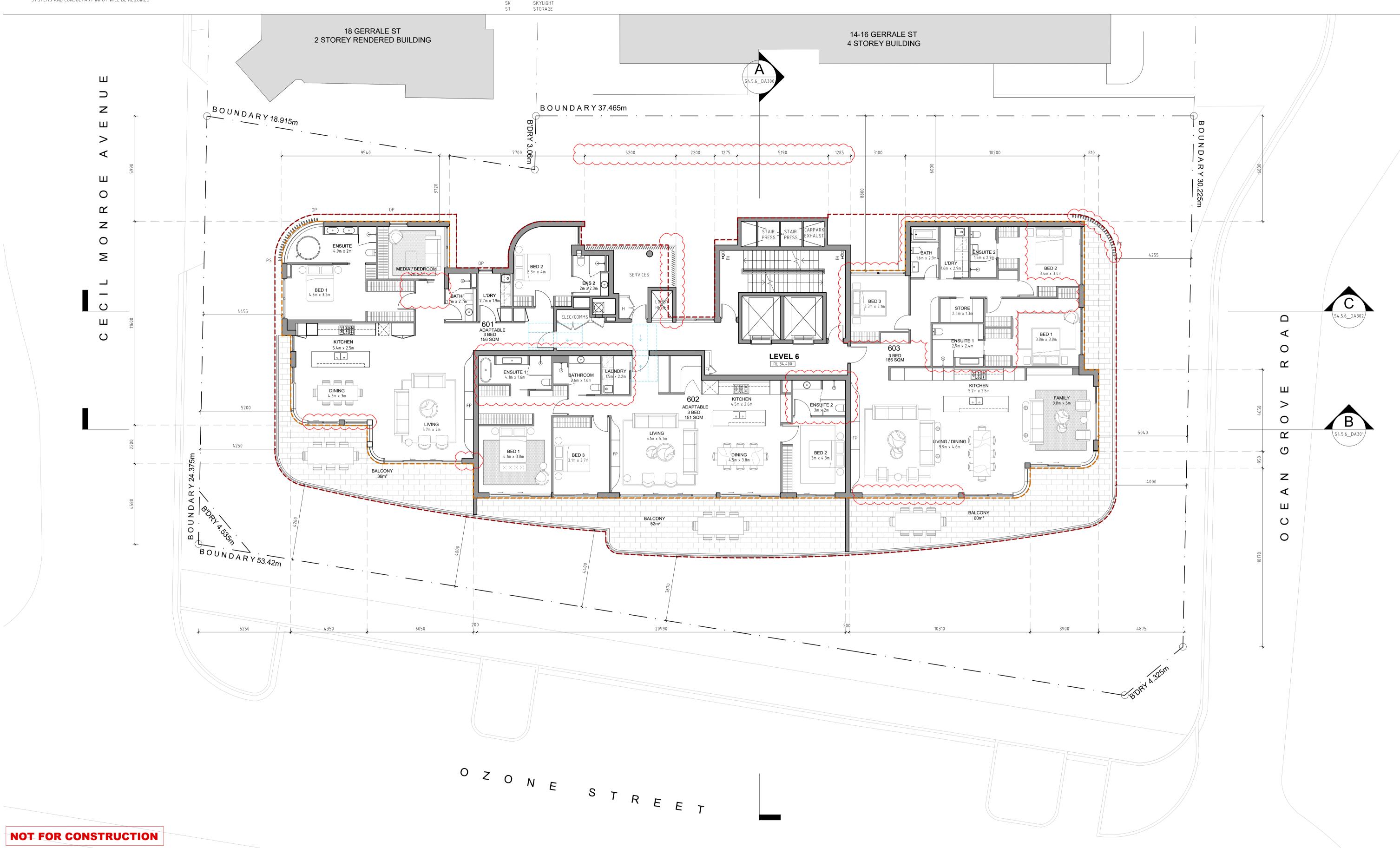
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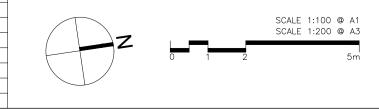
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SECTION 4.56 DRAWINGS

PROPOSED RESIDENTIAL FLAT BUILDING

5, 7 & 9 OZONE STREET, CRONULLA NSW	2
SP 545, SP 9336, SP 48254	
CLIENT: OZONE CRONULLA PTY LTD	

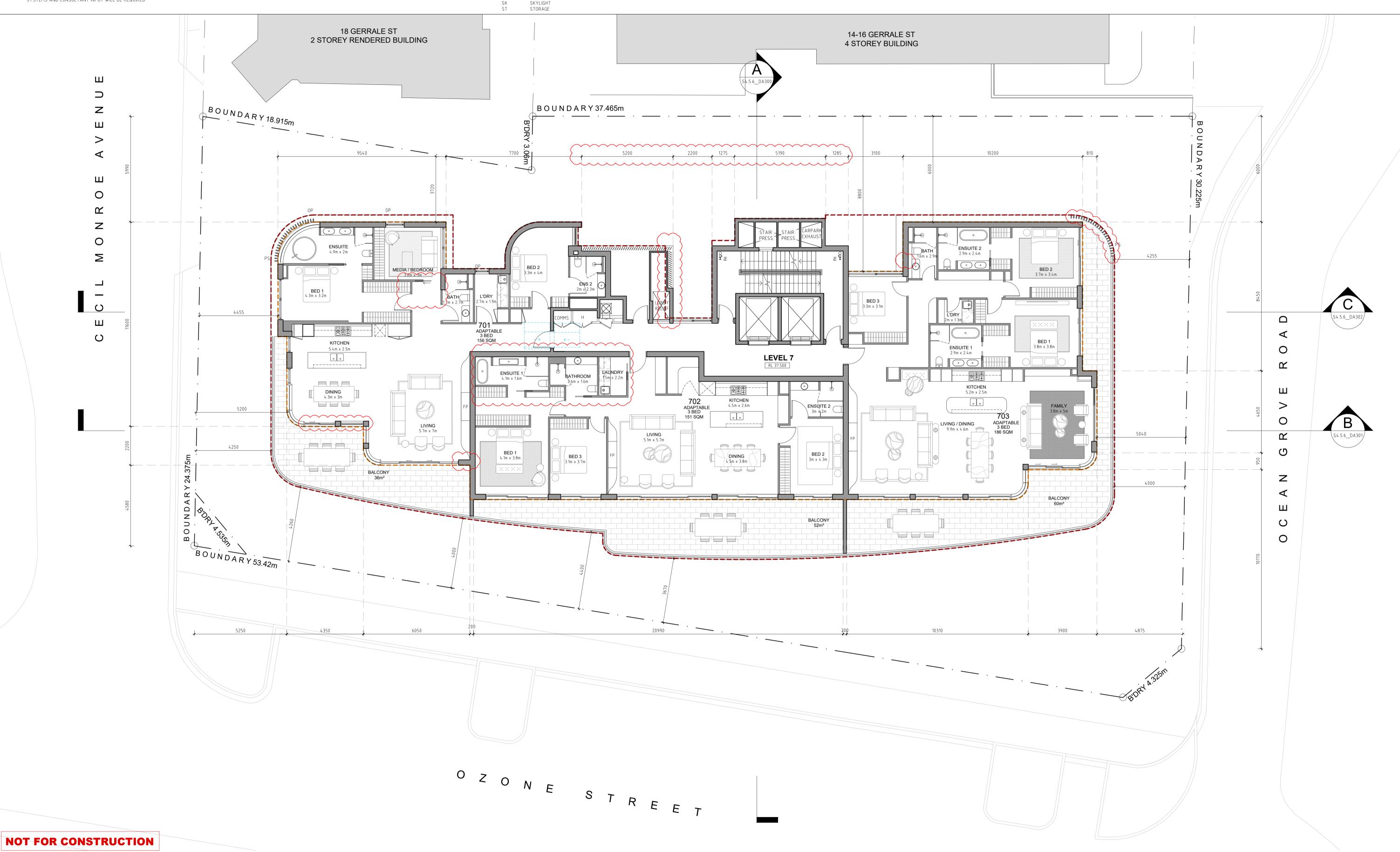


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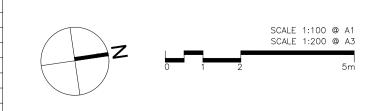


SECTION 4.56 DRAWINGS

PROPOSED RESIDENTIAL FLAT BUILDING

PROPOSED RESIDENTIAL FLAT BOILL
5, 7 & 9 OZONE STREET, CRONULLA NSW 2230
SP 545, SP 9336, SP 48254
CLIENT: OZONE CRONULLA PTY LTD

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S4.56_DA110 LEVEL 7 PLAN

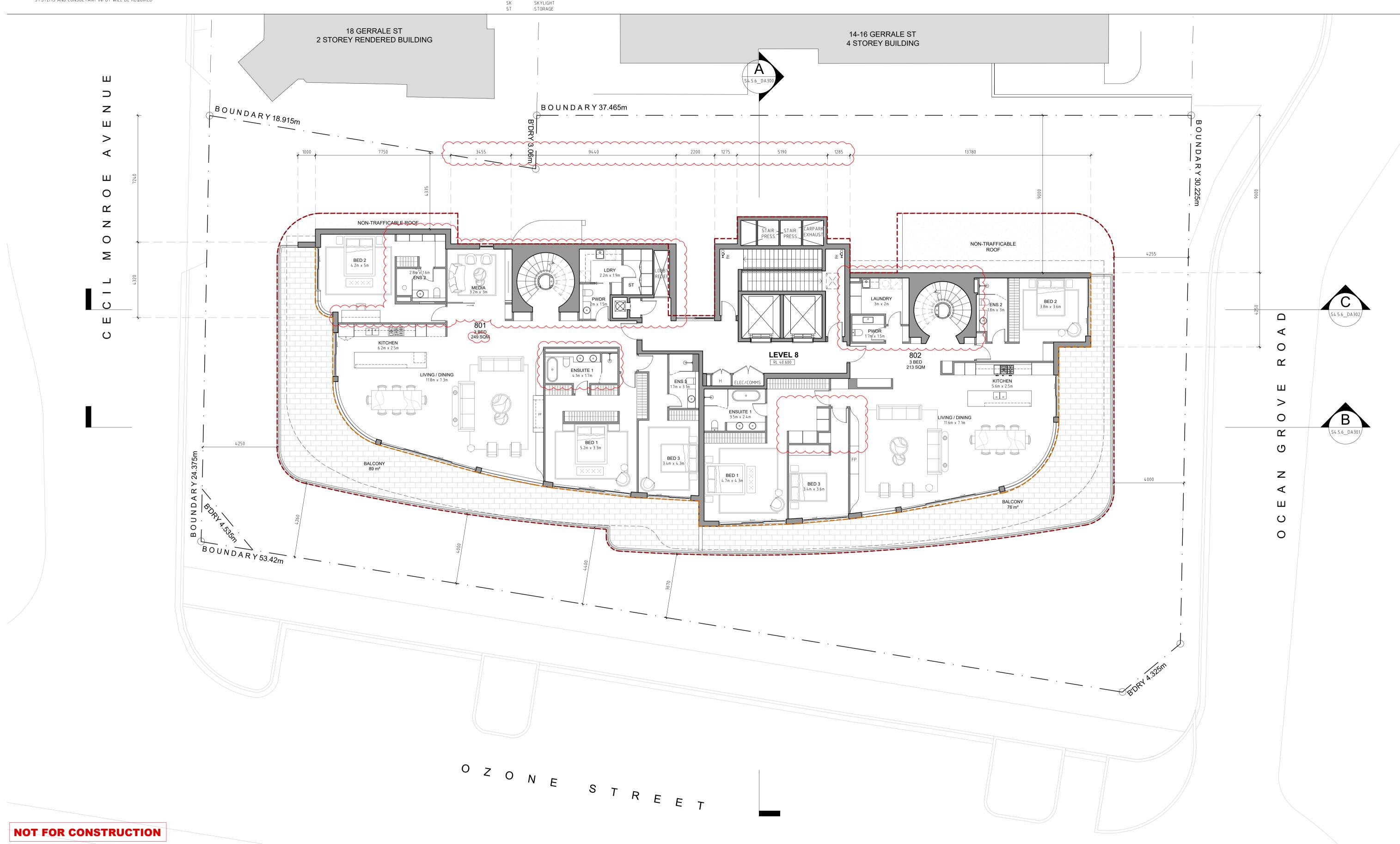
ISSUE: H

JOB No. 1922 Level 2, 52 Albion Street, Surry Hills NSW 2010 P - (02) 9698 8140 E - info@pbdarchitects.com.au W - www.pbdarchitects.com.au

SSPP (Sydney South) Report Appendices (PPSSSH-70) - 17 June 2021

- ALL WORK TO COMPLY WITH BUILDING CODE OF AUSTRALIA, REQUIREMENTS OF RELEVANT STATUTORY AUTHORITIES/LOCAL
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LEGEND: LEGEND: OUTLINE OF APPROVED BUILDING ENVELOPE REFER TO MODIFIED CONSENT MA19/0303 (OF DA18/0323) FH FIRE HOSE FIRE HYDRANT BOOSTER OUTLINE OF APPROVED BUILDING GLAZING LINE FIRE HOSE REELS REFER TO MODIFIED CONSENT MA19/0303 (OF DA18/0323) FP FIRE PLACE GARAGE DOOR HIGHLIGHT WINDOW NATURAL GROUND LEVEL OPAQUE WINDOW PRIVACY SCREEN TO FUTURE DETAILS



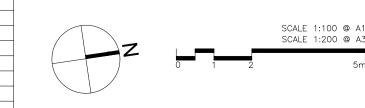
SECTION 4.56 DRAWINGS

PROPOSED RESIDENTIAL FLAT BUILDIN

CLIENT: OZONE CRONULLA PTY LTD

5, 7 & 9 OZONE STREET, CRONULLA NSW 2230 SP 545, SP 9336, SP 48254

	ISSUE	DATE	DESCRIPTION	ISSUE	DATE	DESCRIPTION
ING	Α	11.09.2019	ISSUE FOR SECTION 4.56 SUBMISSION			
IIIIG	В	04.10.2019	REVISED ISSUE FOR SECTION 4.56 SUBMISSION			
	С	16.03.2020	ISSUE FOR REVIEW			
	D	18.03.2020	REVISED PLANS FOR S4.56 SUBMISSION			
	E	27.03.2020	REVISED PLANS FOR S4.56 SUBMISSION			
	F	16.04.2020	REVISED PLANS WITH SETBACK DIMENSIONS			
	Н	08.02.2021	ISSUE FOR S4.56 SUBMISSION			



S4.56_DA111 LEVEL 8 PLAN

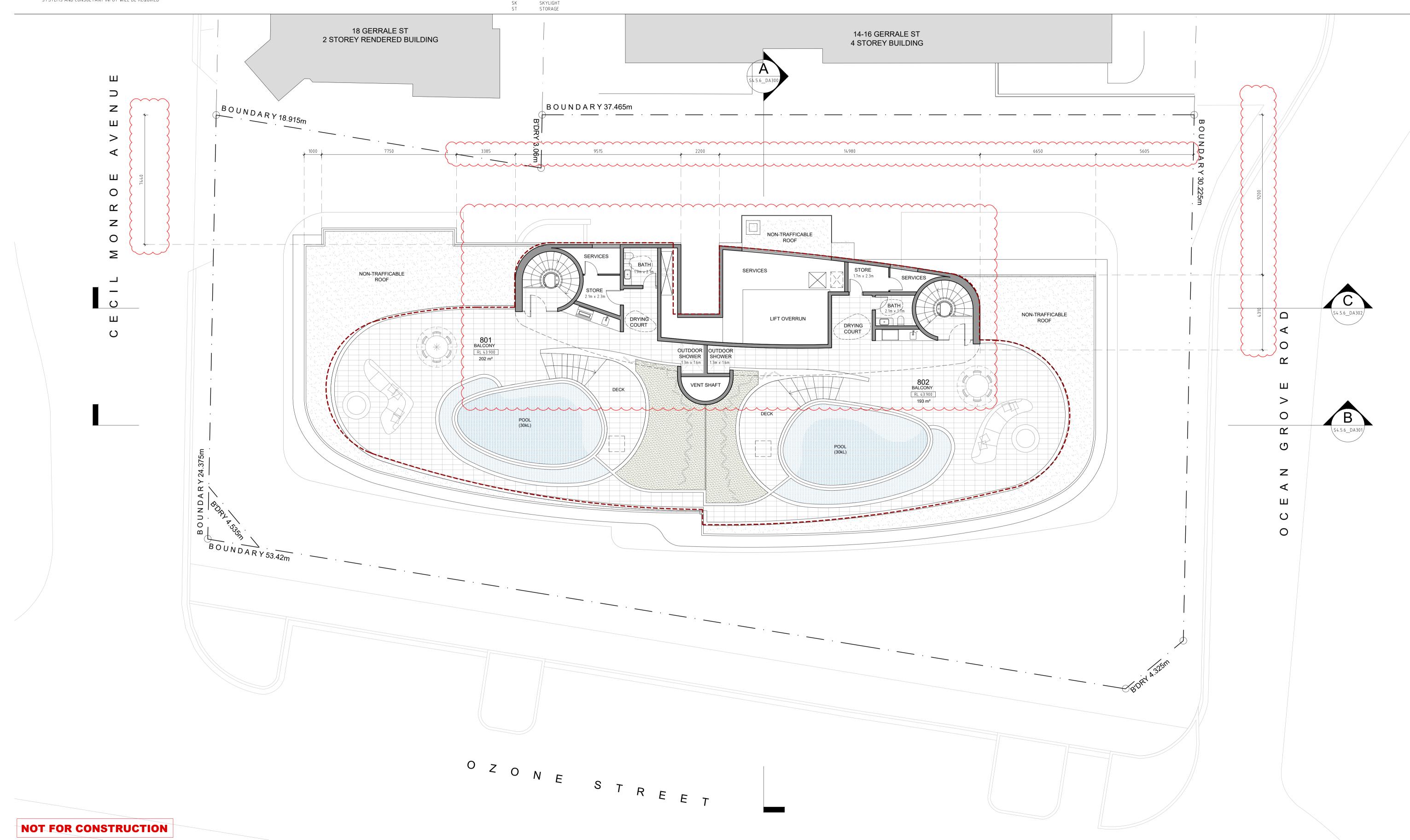
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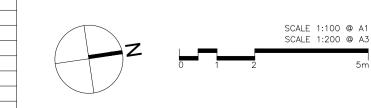
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SECTION 4.56 DRAWINGS

PROPOSED RESIDENTIAL FLAT BUILDING 5, 7 & 9 OZONE STREET, CRONULLA NSW 2230 SP 545, SP 9336, SP 48254 CLIENT: OZONE CRONULLA PTY LTD

ISSUE	DATE	DESCRIPTION	ISSUE	DATE	DESCRIPTION
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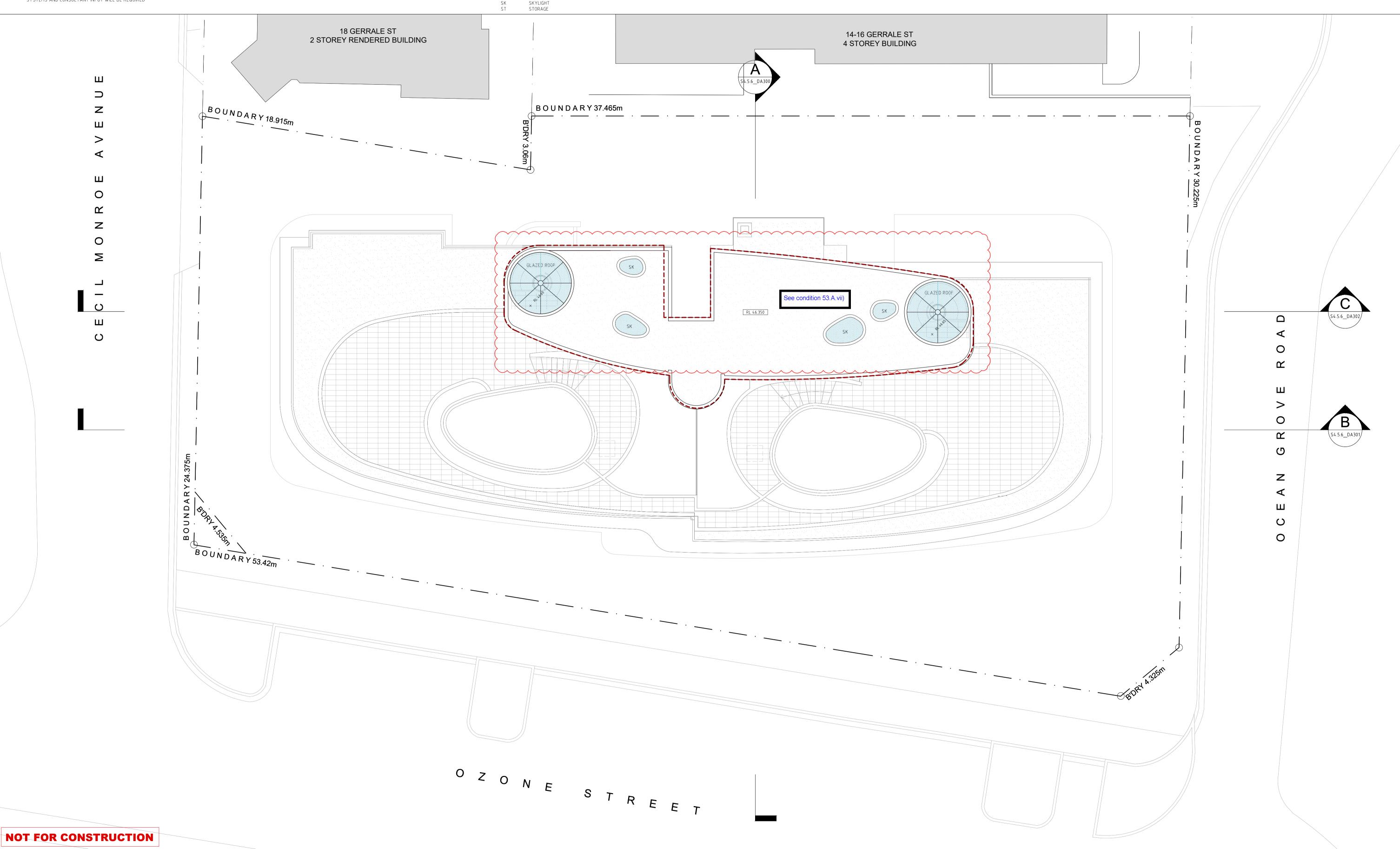
S4.56_DA112 **ROOF TERRACE PLAN**

ISSUE: F Level 2, 52 Albion Street, Surry Hills NSW 2010 P - (02) 9698 8140 E - info@pbdarchitects.com.au W - www.pbdarchitects.com.au JOB No. 1922

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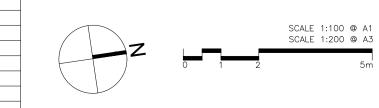
PRIVACY SCREEN TO FUTURE DETAILS



SECTION 4.56 DRAWINGS

PROPOSED RESIDENTIAL FLAT BUILDING
5, 7 & 9 OZONE STREET, CRONULLA NSW 2230 SP 545, SP 9336, SP 48254
CLIENT: OZONE CRONULLA PTY LTD

ISSUE	DATE	DESCRIPTION	ISSUE	DATE	DESCRIPTION
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D	08.02.2021	ISSUE FOR S4.56 SUBMISSION - DRAFT			
E	19.02.2021	ISSUE FOR S4.56 SUBMISSION			



S4.56_DA113 ROOF PLAN ISSUE: E

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FIRE HOSE FIRE HYDRANT BOOSTER FIRE HOSE REELS FIRE PLACE GARAGE DOOR HIGHLIGHT WINDOW MANHOLE NATURAL GROUND LEVEL

LEGEND:

OPAQUE WINDOW PRIVACY SCREEN TO FUTURE DETAILS SKYLIGHT STORAGE



ALL WORK TO COMPLY WITH BUILDING CODE OF AUSTRALIA, REQUIREMENTS OF RELEVANT STATUTORY AUTHORITIES/LOCAL

GOVERNMENT & RELEVANT AUSTRALIAN BUILDING STANDARDS

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OUTLINE OF APPROVED BUILDING GLAZING LINE
REFER TO MODIFIED CONSENT MA19/0303 (OF DA18/0323)
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FP FIRE HOSE REELS
FP FIRE PLACE
GD GARAGE DOOR
HL HIGHLIGHT WINDOW
MN MANHOLE
NGL NATURAL GROUND LEVEL
OP OPAQUE WINDOW

PRIVACY SCREEN TO FUTURE DETAILS

SKYLIGHT STORAGE



SYSTEMS AND CONSULTANT INPUT WILL BE REQUIRED

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OUTLINE OF APPROVED BUILDING ENVELOPE

REFER TO MODIFIED CONSENT MA19/0303 (OF DA18/0323)

OUTLINE OF APPROVED BUILDING GLAZING LINE

REFER TO MODIFIED CONSENT MA19/0303 (OF DA18/0323)

FH

FIRE HOSE

FHB

FIRE HYDRANT BOOSTER

FHR

FIRE PLACE

GD

GARAGE DOOR

HL

HIGHLIGHT WINDOW

MN

MANHOLE

NGL

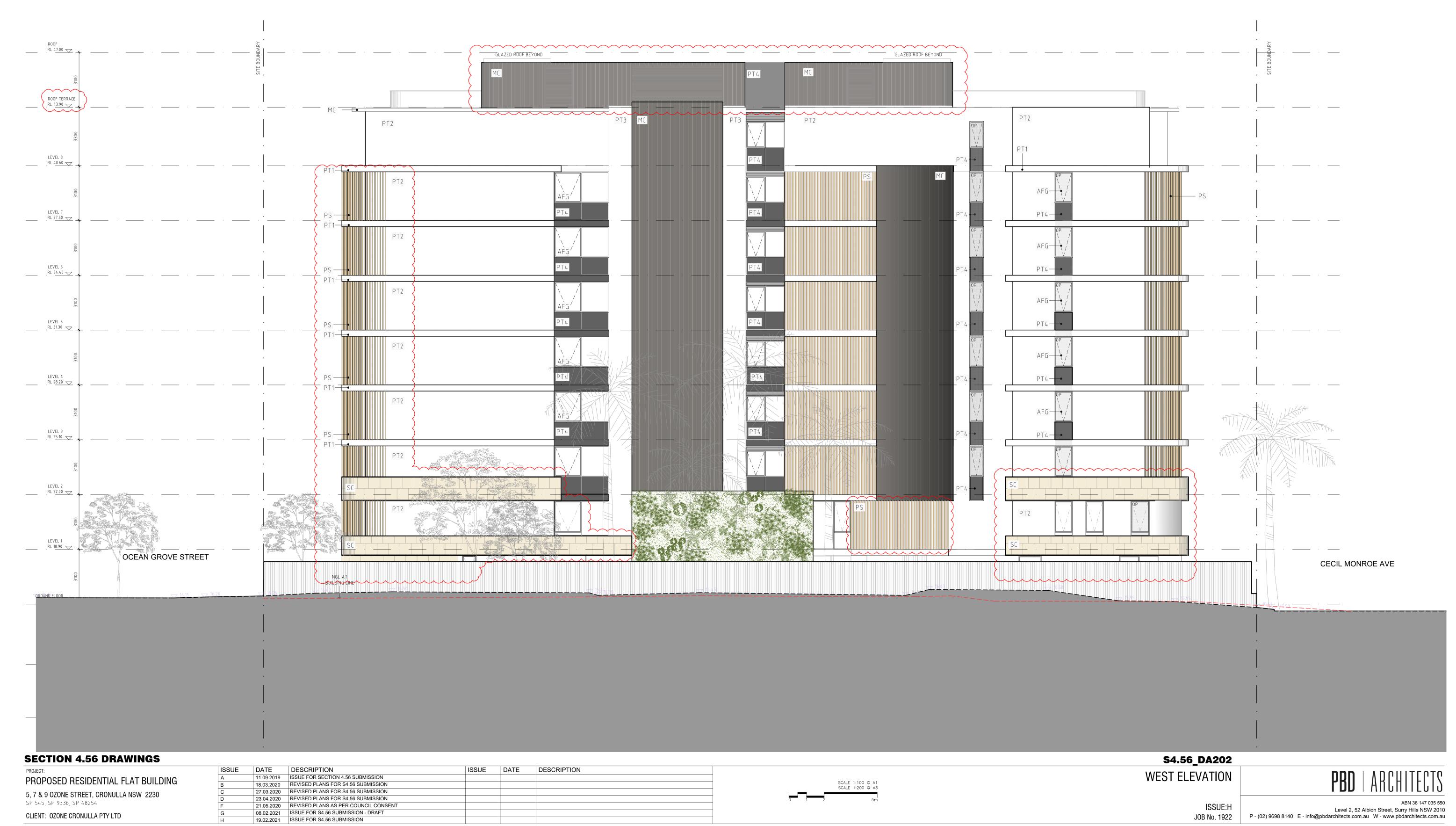
NATURAL GROUND LEVEL

OPAQUE WINDOW

SKYLIGHT STORAGE

PRIVACY SCREEN TO FUTURE DETAILS

LEGEND:



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LEGEND:

FIRE HOSE FIRE HYDRANT BOOSTER HIGHLIGHT WINDOW

FIRE HOSE REELS FIRE PLACE GARAGE DOOR NATURAL GROUND LEVEL OPAQUE WINDOW PRIVACY SCREEN TO FUTURE DETAILS SKYLIGHT STORAGE

LEGEND:



SECTION 4.56 DRAWINGS

PROPOSED RESIDENTIAL FLAT BUILDING 5, 7 & 9 OZONE STREET, CRONULLA NSW 2230

SP 545, SP 9336, SP 48254 CLIENT: OZONE CRONULLA PTY LTD DATE DESCRIPTION DATE DESCRIPTION 11.09.2019 ISSUE FOR SECTION 4.56 SUBMISSION 18.03.2020 REVISED PLANS FOR S4.56 SUBMISSION 23.04.2020 REVISED PLANS FOR S4.56 SUBMISSION 21.05.2020 REVISED PLANS AS PER COUNCIL CONSENT 08.02.2021 ISSUE FOR S4.56 SUBMISSION - DRAFT 19.02.2021 ISSUE FOR \$4.56 SUBMISSION

SCALE 1:100 @ A1 SCALE 1:200 @ A3

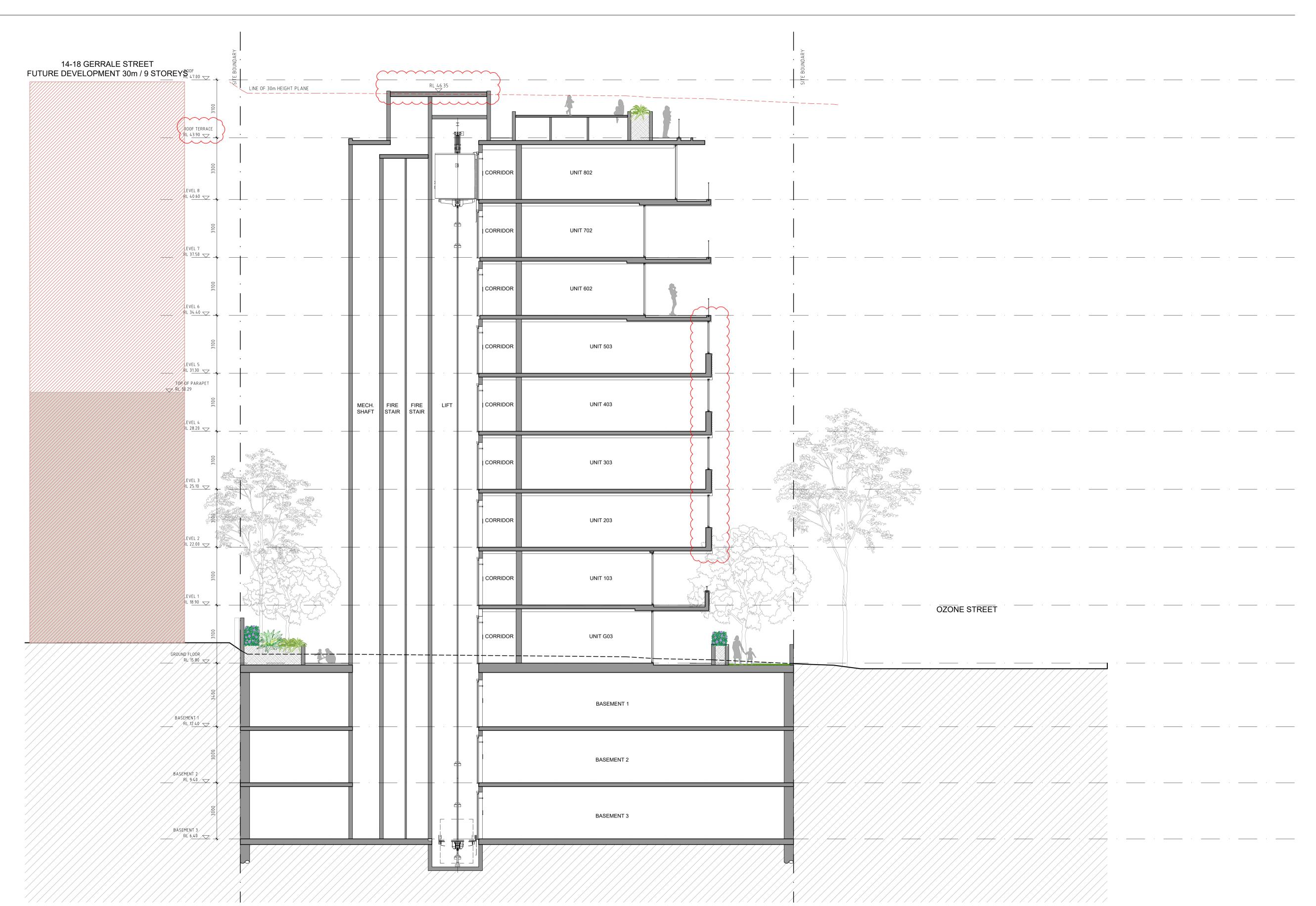
NORTH ELEVATION OCEAN GROVE RD

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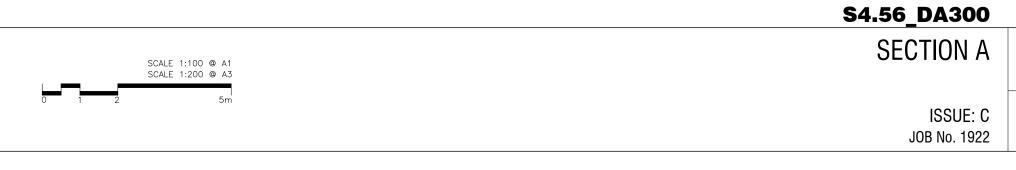


SECTION 4.56 DRAWINGS

PROPOSED RESIDENTIAL FLAT 5, 7 & 9 OZONE STREET, CRONULLA NSW SP 545, SP 9336, SP 48254

BUILDING	
/ 2230	

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ISSUE: C

JOB No. 1922

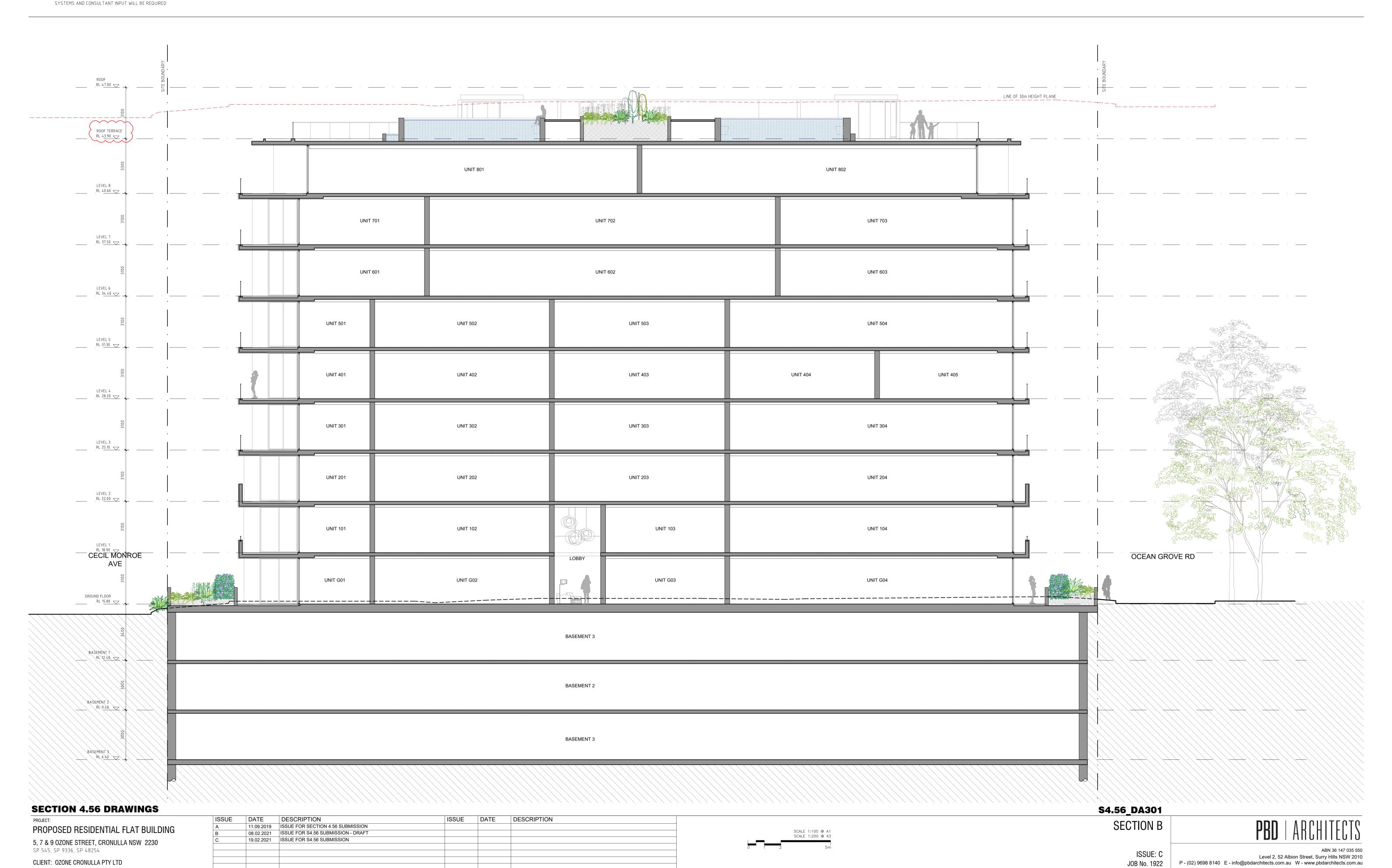
ABN 36 147 035 550

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SSPP (Sydney South) Report Appendices (PPSSSH-70) - 17 June 2021

CLIENT: OZONE CRONULLA PTY LTD

SP 545, SP 9336, SP 48254

PROPOSED RESIDENTIAL FLAT BUILDING

5, 7 & 9 OZONE STREET, CRONULLA NSW 2230

08.02.2021 ISSUE FOR S4.56 SUBMISSION - DRAFT

19.02.2021 ISSUE FOR \$4.56 SUBMISSION

SECTION C

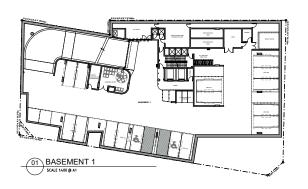
ISSUE: B

JOB No. 1922

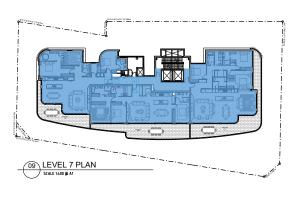
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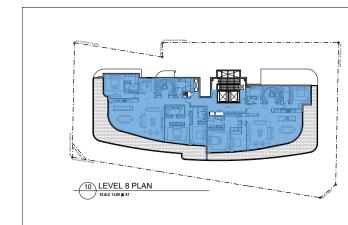
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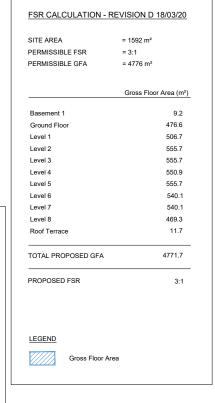
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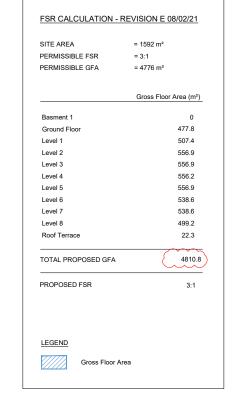


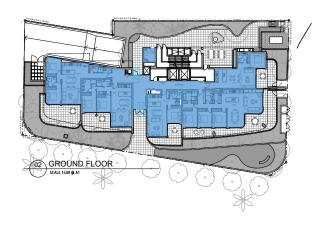


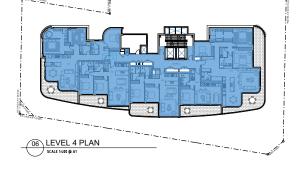


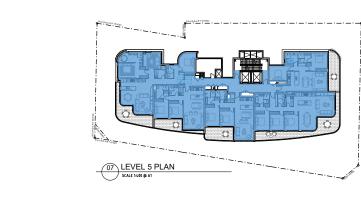


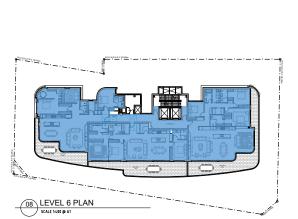


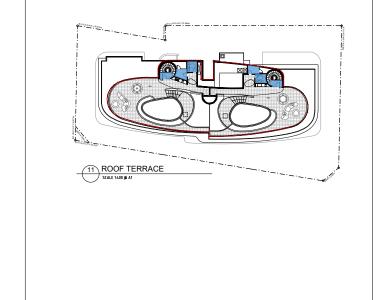


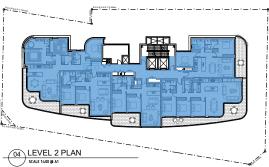












SECTION 4.56 DRAWINGS

PROJECT:
PROPOSED RESIDENTIAL FLAT BUILDING
5, 7 & 9 OZONE STREET, CRONULLA NSW 2230 SP 545, SP 9336, SP 48254

COS LEVEL 1 PLAN SCALE 1400 @ A1

PROJECT:	ISSUE	DATE	DESCRIPTION	ISSUE	DATE	DESCRIPTION
PROPOSED RESIDENTIAL FLAT BUILDING		11.09.2019	ISSUE FOR SECTION 4.56 SUBMISSION			
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CLIENT: 0ZONE CRONULLA PTY LTD PP (Sydney South) Report Appendices (PP	SSSH-70)	- 17 Jur	le 2021			

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FSR CALCULATION

ISSUE: F JOB No. 1922

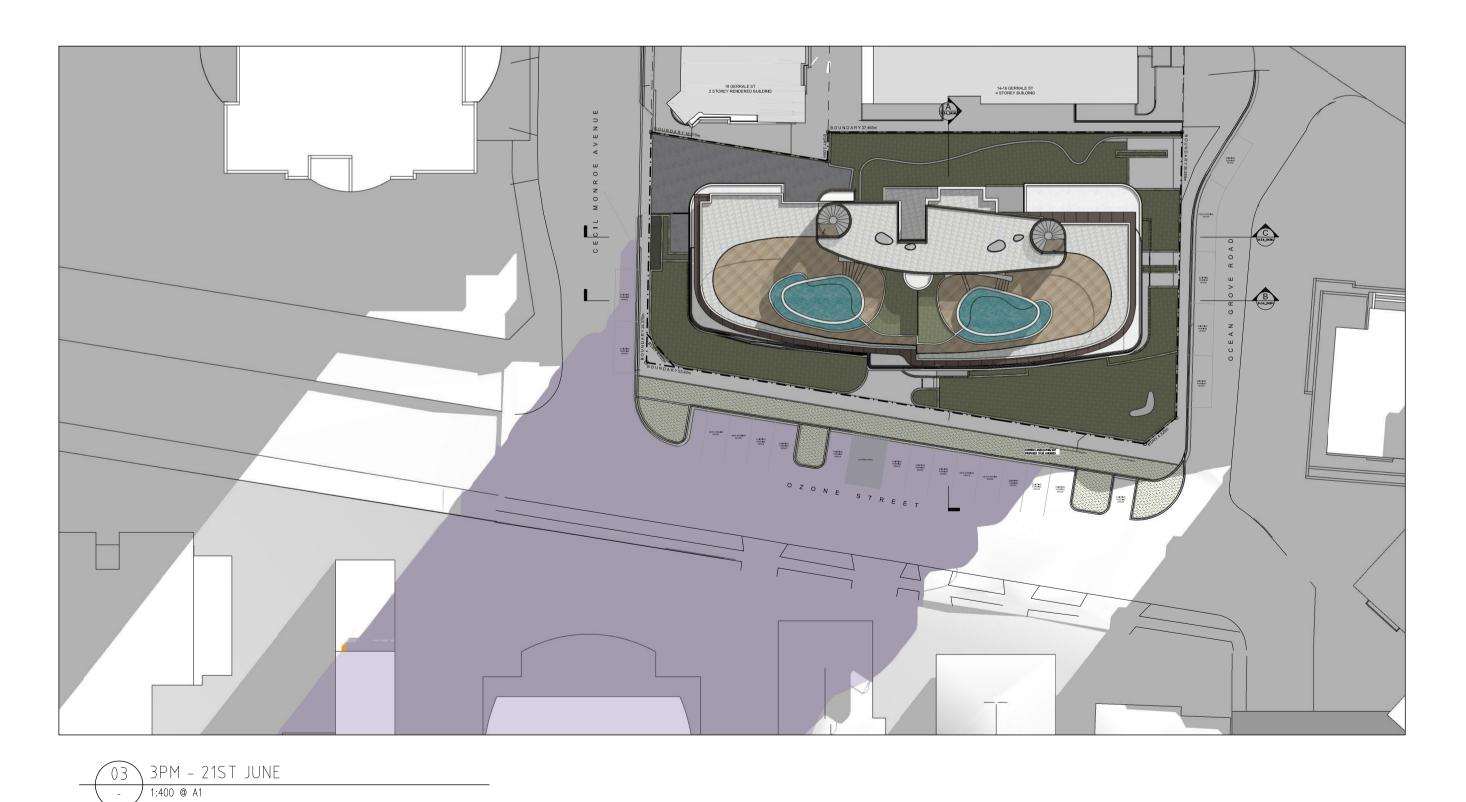


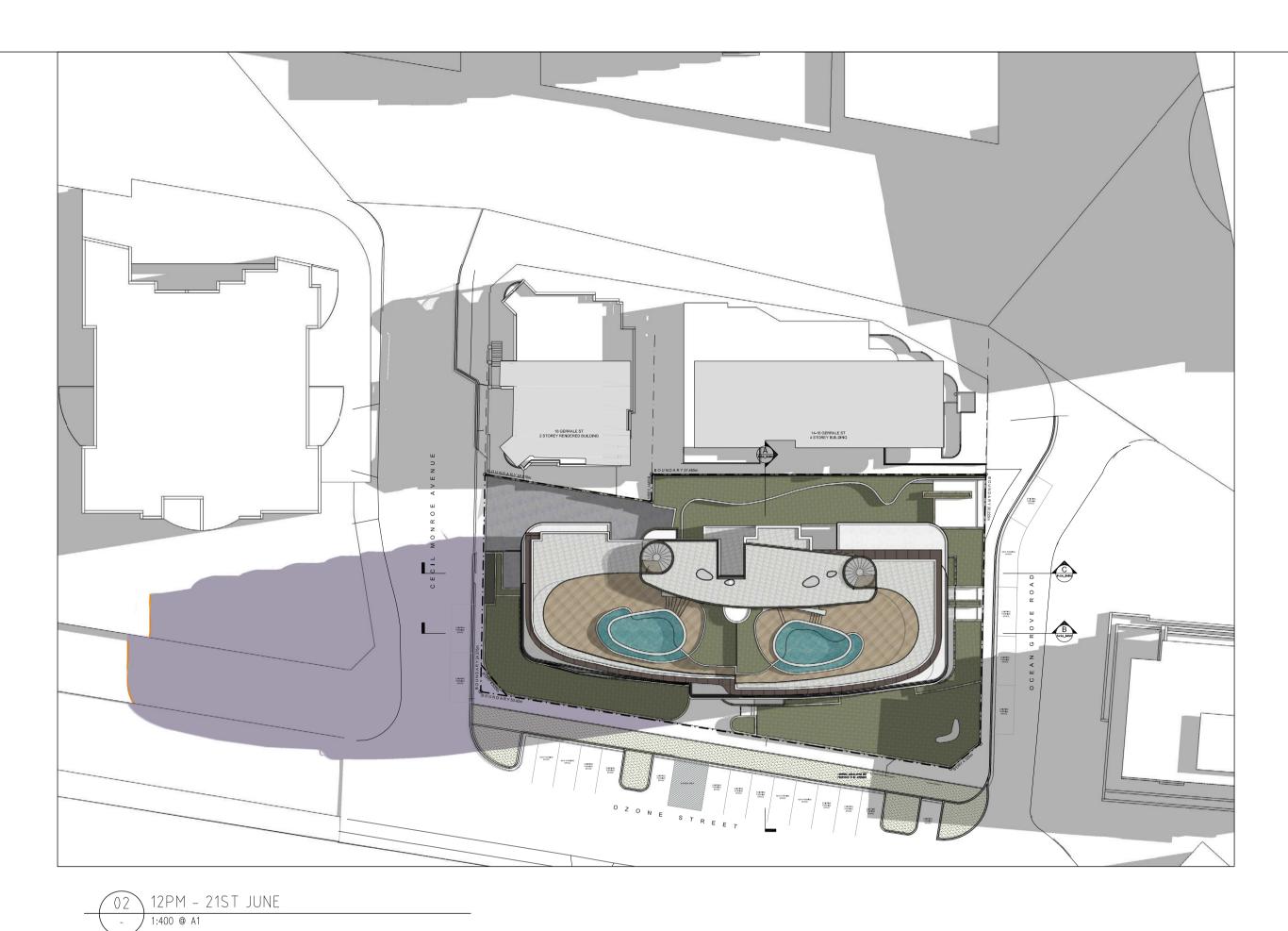
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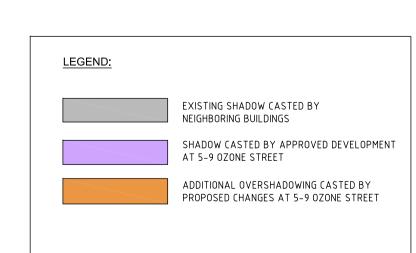
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- GOVERNMENT & RELEVANT AUSTRALIAN BUILDING STANDARDS CONTRACTOR TO VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK- SHOULD A DISCREPANCY BE IDENTIFIED PLEASE CONFIRM WITH ARCHITECT PRIOR TO PROCEEDING (DO NOT SCALE FROM DRAWINGS)
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- WHEN PROPRIETARY PRODUCTS ARE REFERRED TO, INSTALL IN ACCORDANCE WITH THE MANUFACTURERS WRITTEN INSTRUCTIONS
 AREA SCHEDULES SUPPLIED ARE APPROXIMATE ONLY- FUTURE ALLOWANCE FOR VERTICAL SERVICE DUCTS, STRUCTURAL WALL











SECTION 4.56 DRAWINGS

PROPOSED RESIDENTIAL FLAT BUILDING
5, 7 & 9 OZONE STREET, CRONULLA NSW 2230 SP 545, SP 9336, SP 48254
CLIENT: OZONE CRONULLA PTY LTD

ISSUE	DATE	DESCRIPTION	ISSUE	DATE	DESCRIPTION
А	23.02.2021	ISSUE FOR S4.56 SUBMISSION			

\$4.56_DA620 SHADOW DIAGRAM

ISSUE: A

JOB No. 1922

ABN 36 147 035 550

Level 2, 52 Albion Street, Surry Hills NSW 2010

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- ALL WORK TO COMPLY WITH BUILDING CODE OF AUSTRALIA, REQUIREMENTS OF RELEVANT STATUTORY AUTHORITIES/LOCAL
- GOVERNMENT & RELEVANT AUSTRALIAN BUILDING STANDARDS

 ONTRACTOR TO VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK- SHOULD A DISCREPANCY BE IDENTIFIED PLEASE CONFIRM WITH ARCHITECT PRIOR TO PROCEEDING (DO NOT SCALE FROM DRAWINGS)
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 AREA SCHEDULES SUPPLIED ARE APPROXIMATE ONLY - FUTURE ALLOWANCE FOR VERTICAL SERVICE DUCTS, STRUCTURAL WALL
- SYSTEMS AND CONSULTANT INPUT WILL BE REQUIRED





01 3D HEIGHT DIAGRAM VIEW 1

02 3D HEIGHT DIAGRAM VIEW 2

SECTION 4.56 DRAWINGS

S4.56_DA612 ISSUE DATE DESCRIPTION DATE DESCRIPTION 3D HEIGHT PLANE DIAGRAM 08.02.2021 ISSUE FOR SECTION 4.56 SUBMISSION - DRAFT PROPOSED RESIDENTIAL FLAT BUILDING 19.02.2021 ISSUE FOR SECTION 4.56 SUBMISSION 5, 7 & 9 OZONE STREET, CRONULLA NSW 2230 SP 545, SP 9336, SP 48254 ISSUE: B JOB No. 1922

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VIEW FROM UNIT 801 - 20 GERRALE ST EXISTING



VIEW FROM UNIT 801 - 20 GERRALE ST CURRENT APPROVED BUILDING WITH PROPOSED BUILDING HEIGHT INCREASE SHOWN DASHED IN RED

SK210223_1.1 SK001 - VIEW IMPACT ANALYSIS SKETCH VIEW FROM 20 GERRALE ST, CRONULLA - 'CECIL' UNIT 801 PBD ARCHITECTS



VIEW FROM UNIT 1001 - 20 GERRALE ST EXISTING

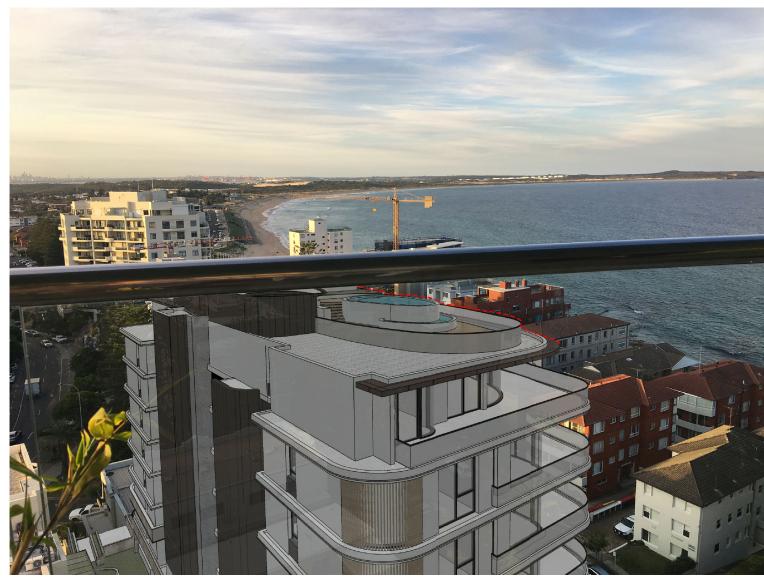


VIEW FROM UNIT 1001 - 20 GERRALE ST CURRENT APPROVED BUILDING WITH PROPOSED BUILDING HEIGHT INCREASE SHOWN DASHED IN RED

SK210223_1.2 SK002 - VIEW IMPACT ANALYSIS SKETCH VIEW FROM 20 GERRALE ST, CRONULLA - 'CECIL' UNIT 1001 PBD ARCHITECTS



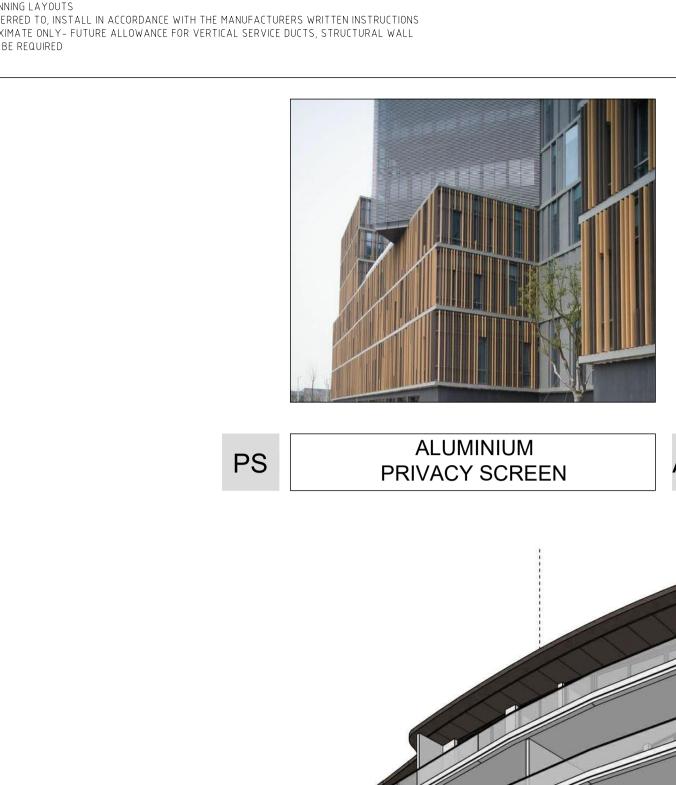
VIEW FROM UNIT 1302 - 20 GERRALE ST EXISTING



VIEW FROM UNIT 1302 - 20 GERRALE ST CURRENT APPROVED BUILDING WITH PROPOSED BUILDING HEIGHT INCREASE SHOWN DASHED IN RED

SK210223_1.3 SK003 - VIEW IMPACT ANALYSIS SKETCH VIEW FROM 20 GERRALE ST, CRONULLA - 'CECIL' UNIT 1302 PBD ARCHITECTS

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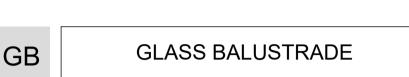






DULUX DURATEC ETERNITY CHARCOAL PEARL SATIN OR SIMILAR







METAL CLADDING



PAINT FINISH

DULUX - VIVID WHITE DULUX - NATURAL WHITE **DULUX - SILKWORT** · COLOUR BACK GLASS EQUAL TO DULUX NAMADJI



OFC1

OFF-FORM CONCRETE WITH GROOVELINES

STONE CLADDING STONE CLADDING SC SC2 LIMESTONE TEXTURED LIMESTONE

SECTION 4.56 DRAWINGS

PROPOSED RESIDENTIAL FLAT BUILDING 5, 7 & 9 OZONE STREET, CRONULLA NSW 2230

SP 545, SP 9336, SP 48254 CLIENT: OZONE CRONULLA PTY LTD

ISSUE	DATE	DESCRIPTION	ISSUE	DATE	DESCRIPTION	
Α	11.09.2019	ISSUE FOR SECTION 4.56 SUBMISSION				
В	16.03.2020	ISSUE FOR REVIEW				
С	18.03.2020	REVISED PLANS FOR S4.56 SUBMISSION				
D	23.04.2020	REVISED PLANS FOR S4.56 SUBMISSION				
E	08.02.2021	REVISED PLANS FOR S4.56 SUBMISSION				

S4.56_DA400

MATERIAL FINISHES

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OZONE

5-9 Ozone Street, Cronulla NSW

02.02.2021 ISSUE D

FOR: S4.56 SUBMISSION





GENERAL NOTES

1.0 These drawings must be read in conjunction with the drawing

2.0 Do not scale from these drawings - use figured dimensions.

the consultant team including all engineering drawings.

Verify the 'as built' location of all existing services before excavation

started. Services shown are indicative only.

4.0 FALLS

All pavement, planting & turf areas to be graded evenly. Ponding is unacceptable.

5.0 SURFACE LEVELS

Bulk surface levels to be verified on site post Civil Contractor works. All adjacent surfaces are to be level and flush unless stated or documented otherwise.

6.0 PLANT LIST

No plant species and pot size substitutions allowed without written approval by Landscape Architect.

7.0 PLANT STOCK

Landscape Architect to approve plant stock prior to delivery on site.

8.0 PLANT SET OUT

Landscape Architect to approve plant set out on site prior to planting.

DRAWING REGISTER

L-0001	COVERSHEET
L-1001 L-1002 L-1003 L-1004	LANDSCAPE LAYOUT PLAN 01 LANDSCAPE LAYOUT PLAN 02 LANDSCAPE LAYOUT PLAN 03 LANDSCAPE LAYOUT PLAN 04
L-2001	LANDSCAPE PLANTING PLAN 0

LANDSCAPE PLANTING PLAN 02 LANDSCAPE PLANTING PLAN 03 L-2003 LANDSCAPE PLANTING PLAN 04

L-3001 LANDSCAPE SECTIONS LANDSCAPE SECTIONS L-3002 LANDSCAPE ELEVATION

L-4001 LANDSCAPE SPECIFICATION & MAINTENANCE NOTES LANDSCAPE DETAILS

LANDSCAPE DETAILS L-4003

PLANT SCHEDULE (TREES)

	CODE	BOTANICAL NAME	COMMON NAME	SIZE (HT X WIDTH)	POT SIZE	DENSITY	STAKE	QTY
	TREES (FR	OM SSC NATIVE PLANT SELI	ECTOR)					
*	ER	Elaeocarpus reticulatus	Blueberry Ash	8m x 4m	180L	As Shown	N/A	14
	BS	Banksia serrata	Old Man Banksia	4m x 4m	100L	As Shown	N/A	2
	ВІ	Banksia integrifolia	Coast Banksia	8m x 5m	100L	As Shown	N/A	2
	CUP	Cupaniopsis anacardioides	Tuckeroo	8m x 5m	200L	As Shown	N/A	6
	FEATURE TREES & PALMS (NATIVE)							
	CAU	Cyathea australis	Tree Fern	6m x 2m	100L	As Shown	N/A	1
*	WFL	Waterhousea floribunda	Weeping Lily Pily	8m x 5m	100L	As Shown	N/A	2
*	HF	Howea forsteriana	Kentia Palm	10m x 2m	6m HT	As Shown	N/A	13
	FEATURE 7	TREES (EXOTIC)						
*	MCWG	Magnolia 'Coolwyn Gloss"	Pleached Magnolia	5m x 2.5m	180L	As Shown	N/A	15
*	PR	Plumeria rubra	Frangipani	3m x 3m	200L	As Shown	N/A	1

★ PLANT SUPPLY NOTES:

PLANTS SOURCED AND HAND SELECTED BY HABIT8 AT ROBERT DONATO NURSERY CONTACT: CAMERON 6687 8923











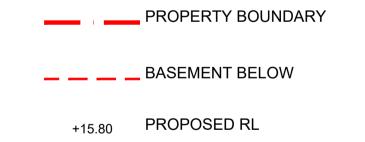
MCWG Magnolia 'Coolwyn PR Plumeria rubra

PLANT SCHEDULE (SHRURS AND GROUNDCOVERS)

CODE	BOTANICAL NAME	COMMON NAME	POT SIZE	DENSITY	QTY
SHRUBS					
AA	Agave attenuata	Fox tail Agave	200mm	2/m2	50
AE	Aspidistra elatior	Cast Iron Plant	200mm	2/m2	32
ASP	Bromeliad 'Silver Plum'	Giant bromeliad	45L	2/m2	28
CLJ	Callistemon 'Little John'	Bottlebrush	200mm	2/m2	24
DEX	Doryanthes excelsa	Gymea Lily	300mm	2/m2	34
MT	Metrodiseros thomasii	NZ Christmas Bush	35L	2/m2	57
SSF	Syzygium 'Cherry Bomb'	Cherry Bomb	300mm	2/m2	108
CAUS	Cordyline australis	Cabbage Tree	75L	2/m2	1
GRASSES	AND GROUNDCOVER				
LT	Lomandra 'Tanika'	Mat Rush	150mm	4/m2	22
LEG	Liriope ' Evergreen Giant'	Evergreen Giant	150mm	4/m2	225
TJ	Trachelospermum jasminoides	Jasmine	150mm	4/m3	58
SUCCUL	ENTS				
CGL	Carpobrotus glaucescens	Pigface	150mm	4/m2	101
SR	Senecio radicans	String of bananas	150mm	4/m2	230
SS	Senecio serpens	Blue Chalksticks	150mm	4/m2	60

LEGEND

GENERAL



EXISTING RL

SOFTSCAPE



SMALL CANOPY TREES AS SPECIFIED Refer to Schedule & Details



CANOPY TREES AS SPECIFIED Refer to Schedule & Details



AS SPECIFIED Refer to Schedule & Details



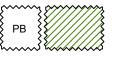
STREET TREES - TUCKEROO As per council's specification



EXISTING DATE PALMS ON STREET To be retained



Refer to Notes & Details

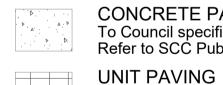


MASS PLANTING BEDS OVER SLAB Refer to Notes & Details



MASS PLANTING BEDS DEEP SOIL (NATURAL GROUND) Refer to Notes & Details

HARDSCAPE



CONCRETE PAVING To Council specification Refer to SCC Public Domain Technical Manual

To Council specification Refer to SCC Public Domain Technical Manual



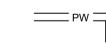
75mm DEPTH DECORATIVE RIVER PEBBLE Refer to Specification Notes



SCULPTURAL SEAT Refer to Specification Notes



CORTEN GARDEN EDGING



PLANTER BOX WALL



GREENWALL BY VERTICAL Refer to Details



To AS1428.1

SCREEN FENCE

To Architect's Details



To Hydraulic Consultant's Details

TACTILE INDICATORS

HOSETAP LOCATION



CHANGES MADE SINCE APPROVED JOINT LANDSCAPE ARCHITECTURE EXPERT APPROVAL (8.02.2019 - ISSUE Q)

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PURPOSE

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S4.56 SUBMISSION

CLIENT ISSUE

CLIENT ISSUE

08.07.20

18.08.20

11.12.20

02.02.21

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CLIENT:





ARCHITECT:



BUILDER:



PROJECT OZONE 5-9 OZONE STREET, CRONULLA

DRAWING TITLE COVERSHEET

SCALE NTS

DRAWN CHECKED DV

PROJECT NO. DRAWING NO. H8-20030 L-0001

LANDSCAPE ARCHITECT:



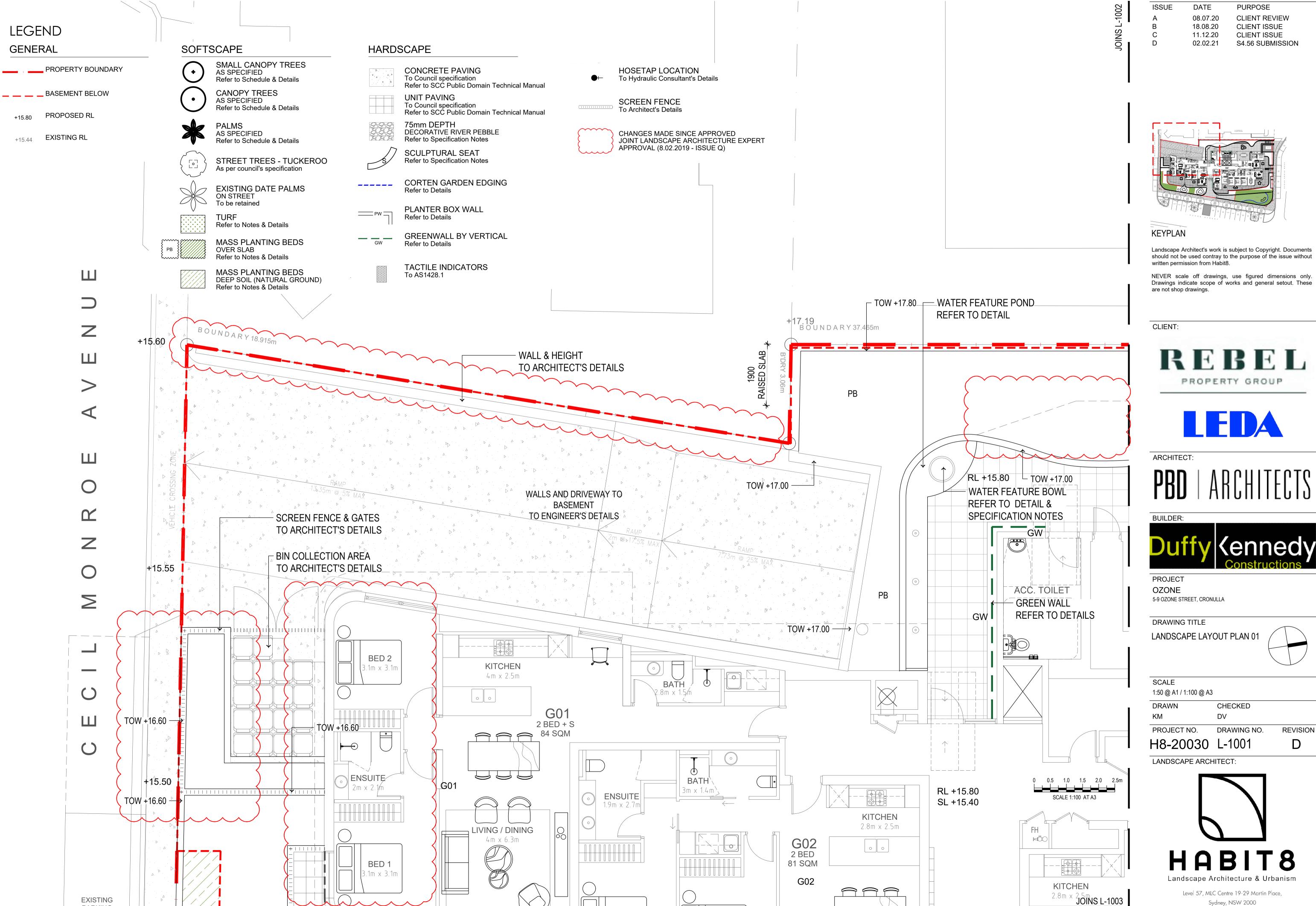
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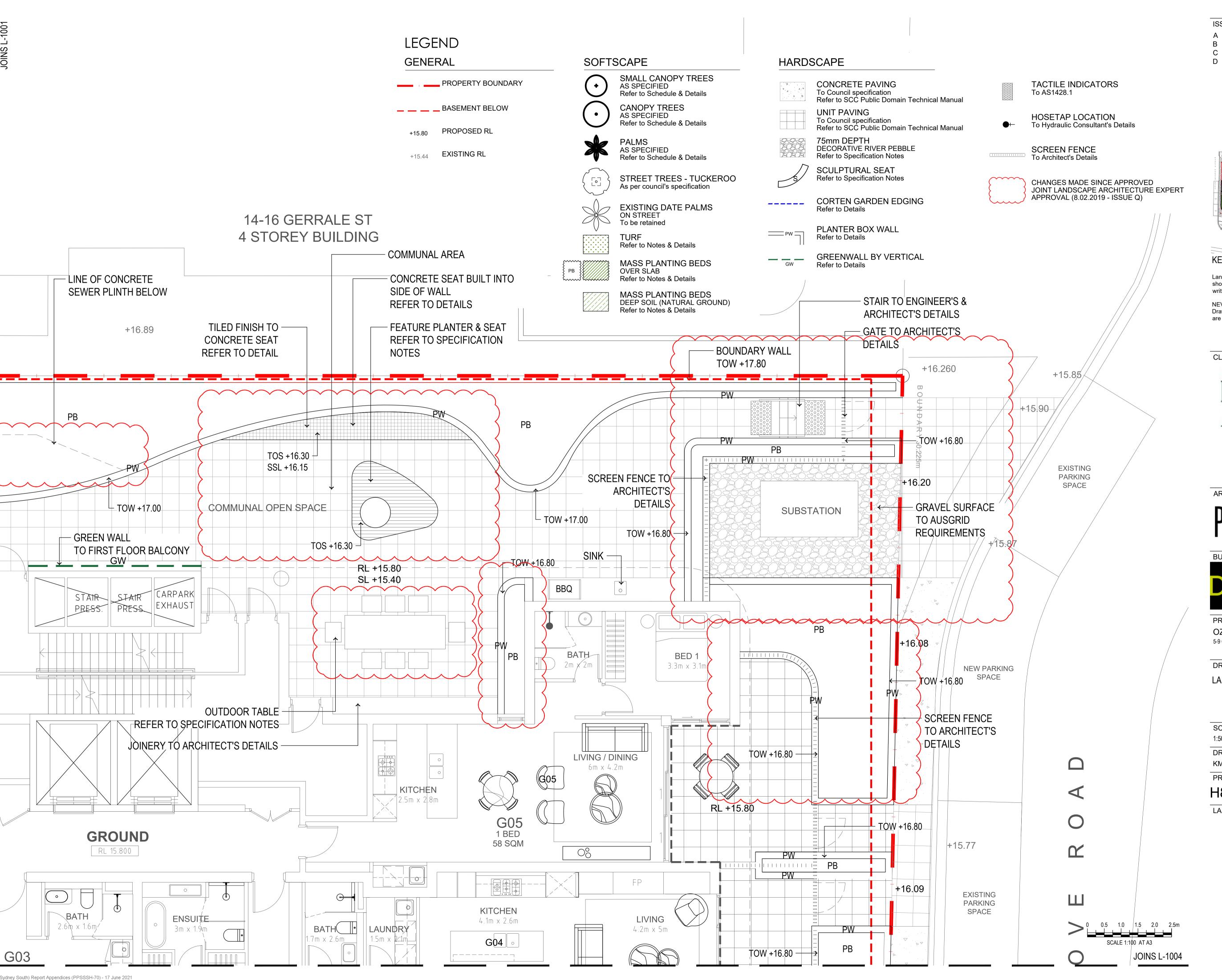
REVISION

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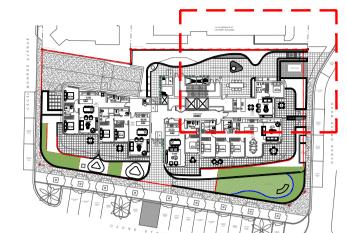


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ISSUE DATE **PURPOSE** 08.07.20 **CLIENT REVIEW** 18.08.20 **CLIENT ISSUE** 11.12.20 **CLIENT ISSUE** 02.02.21 S4.56 SUBMISSION



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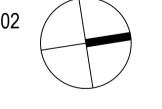
BUILDER:



PROJECT OZONE 5-9 OZONE STREET, CRONULLA

DRAWING TITLE

LANDSCAPE LAYOUT PLAN 02



REVISION

D

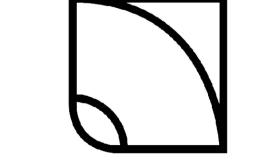
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DV PROJECT NO. DRAWING NO.

H8-20030 L-1002

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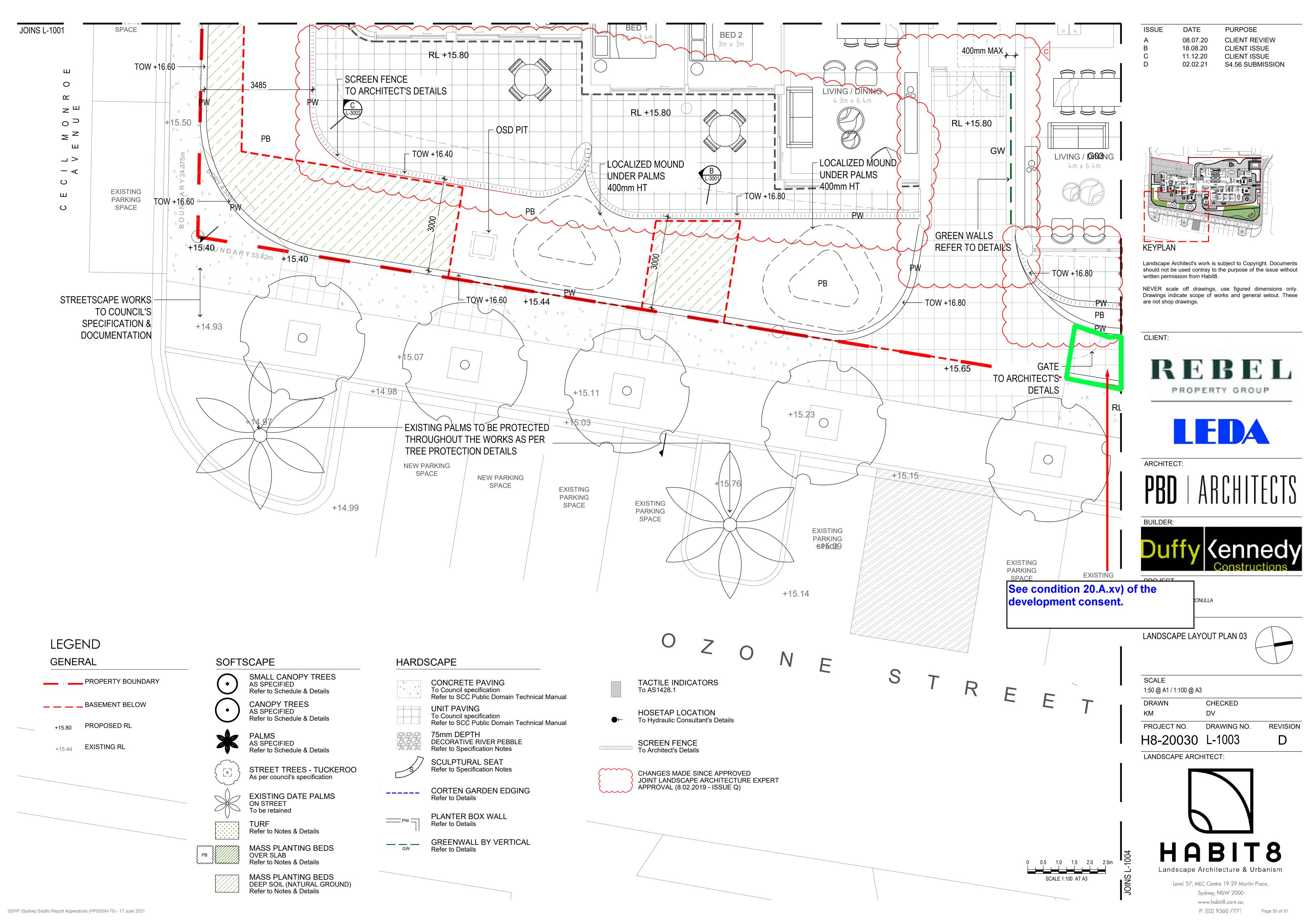


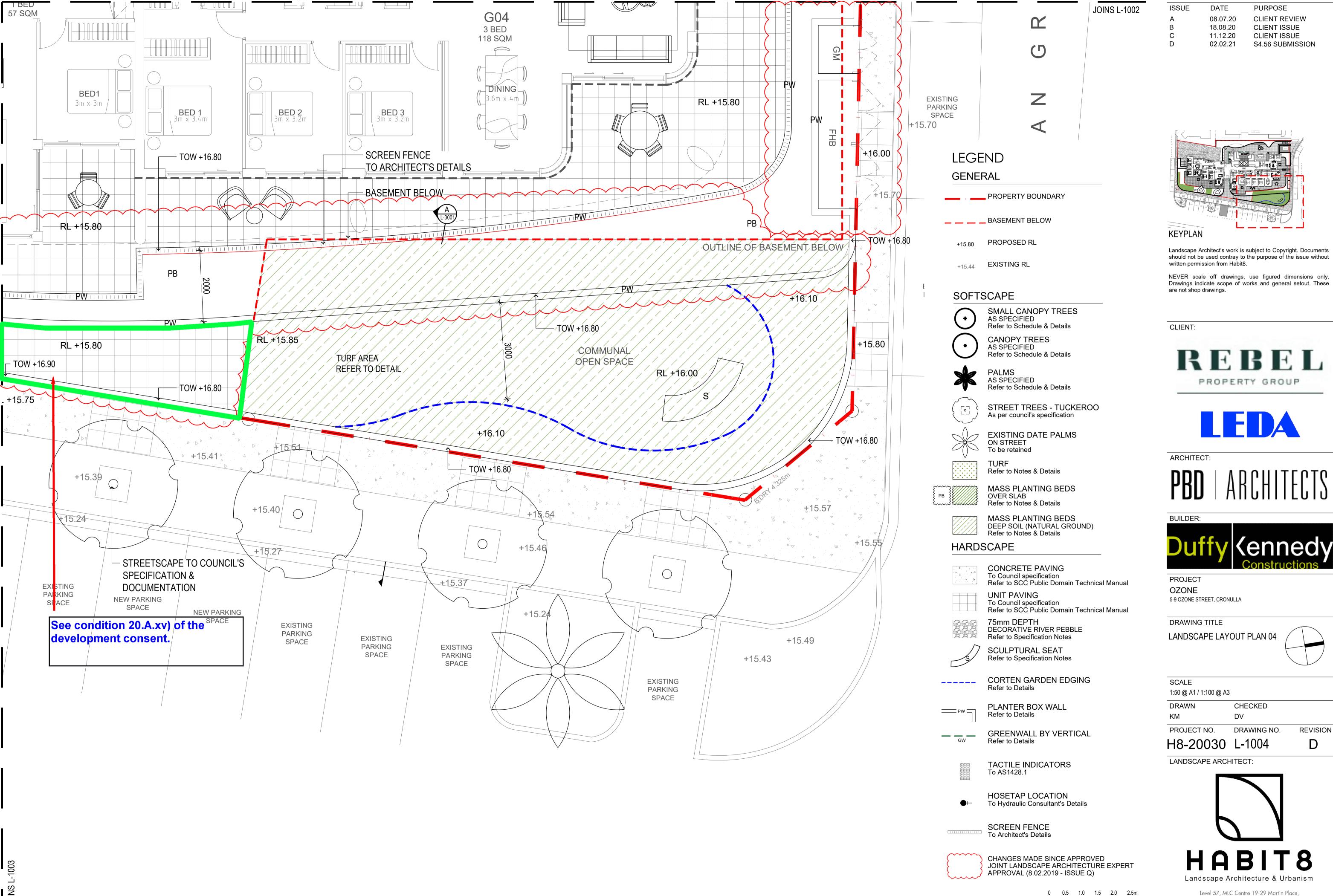
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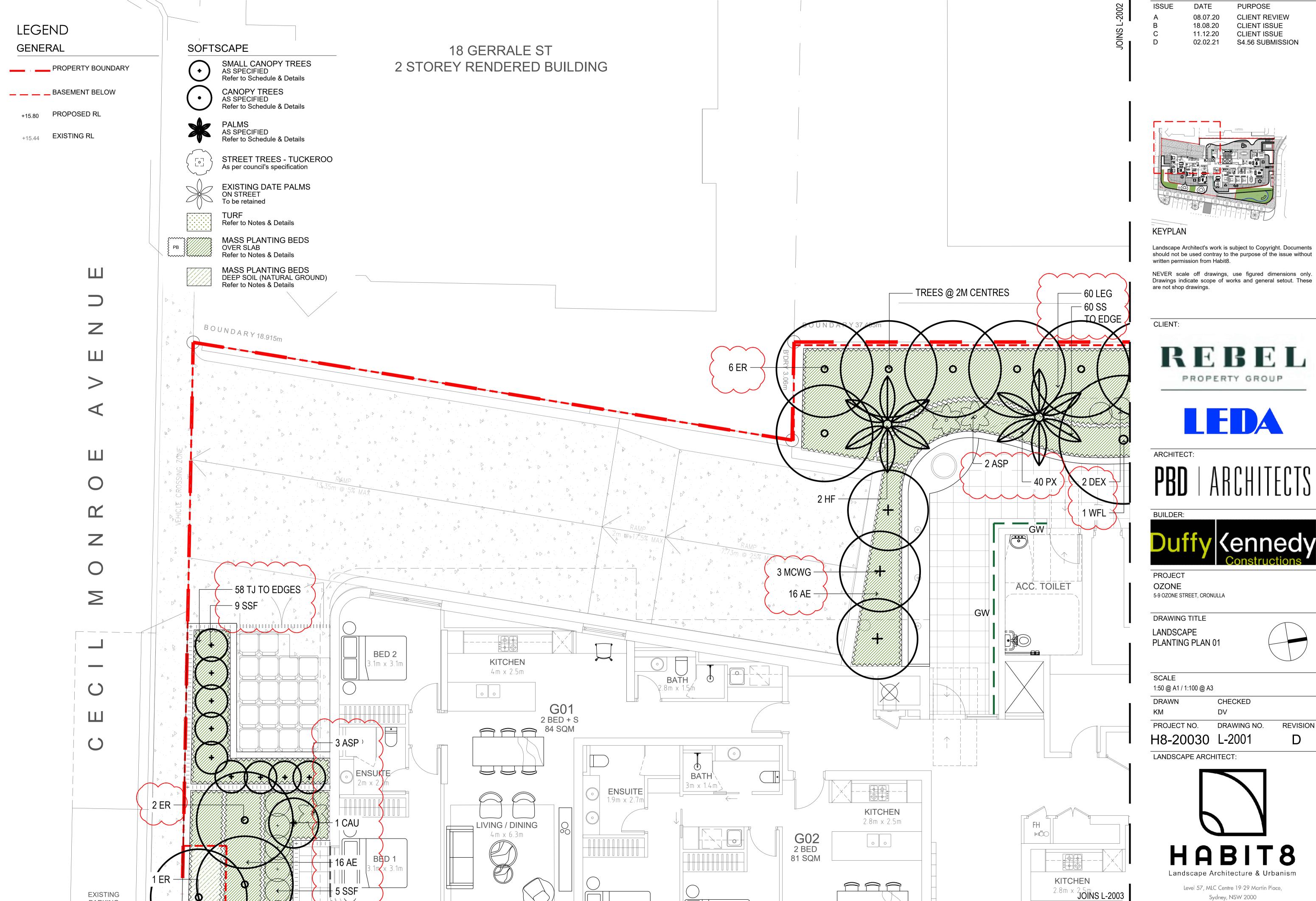




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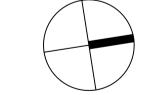
P: [02] 9360 7771 Page 51 of 61

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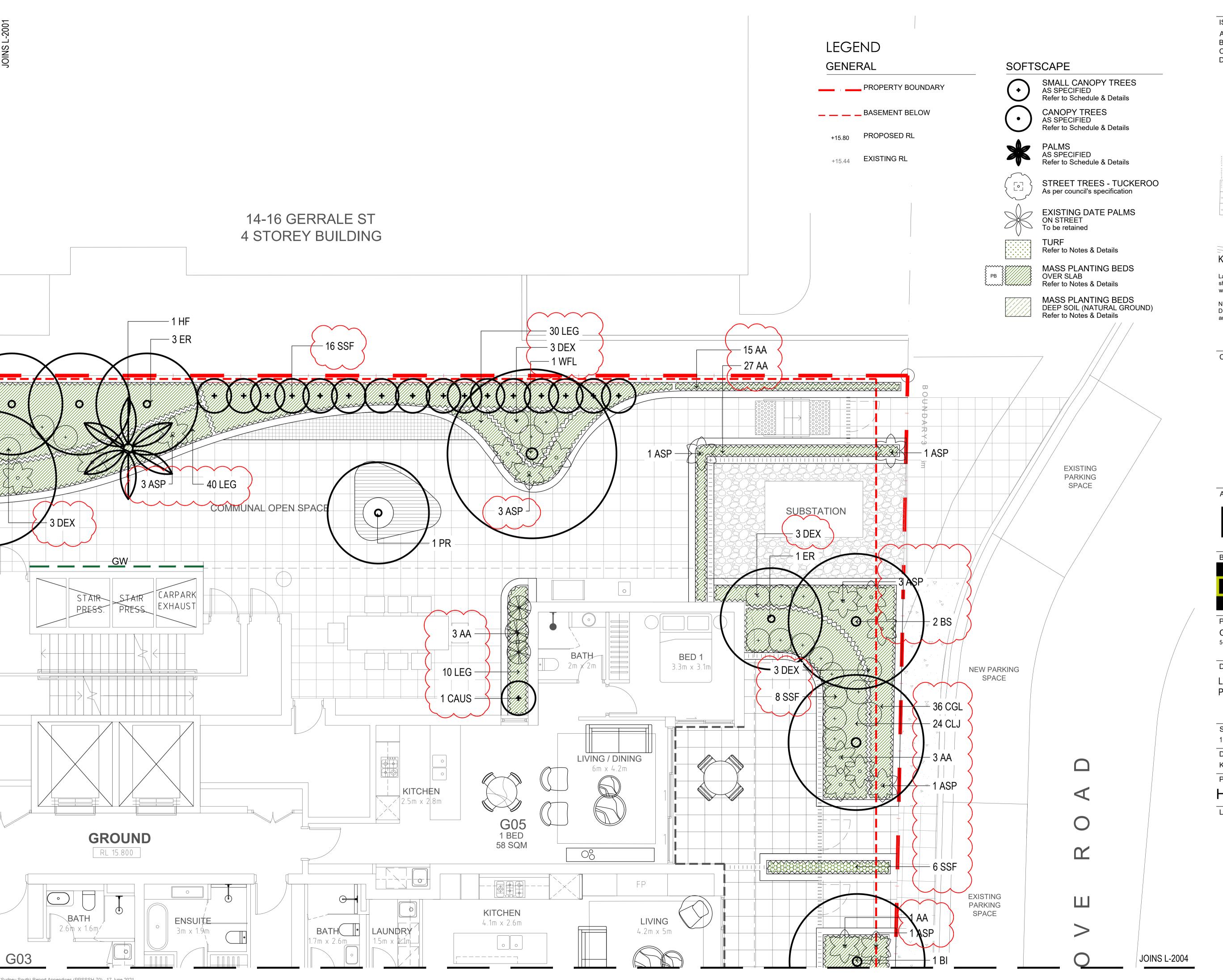
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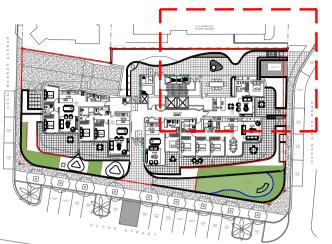


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PURPOSE DATE 08.07.20 **CLIENT REVIEW** 18.08.20 CLIENT ISSUE 11.12.20 CLIENT ISSUE 02.02.21 S4.56 SUBMISSION



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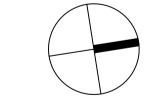
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BUILDER:



PROJECT OZONE 5-9 OZONE STREET, CRONULLA

DRAWING TITLE LANDSCAPE PLANTING PLAN 02



REVISION

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SCALE 1:50 @ A1 / 1:100 @ A3

CHECKED DRAWN DV

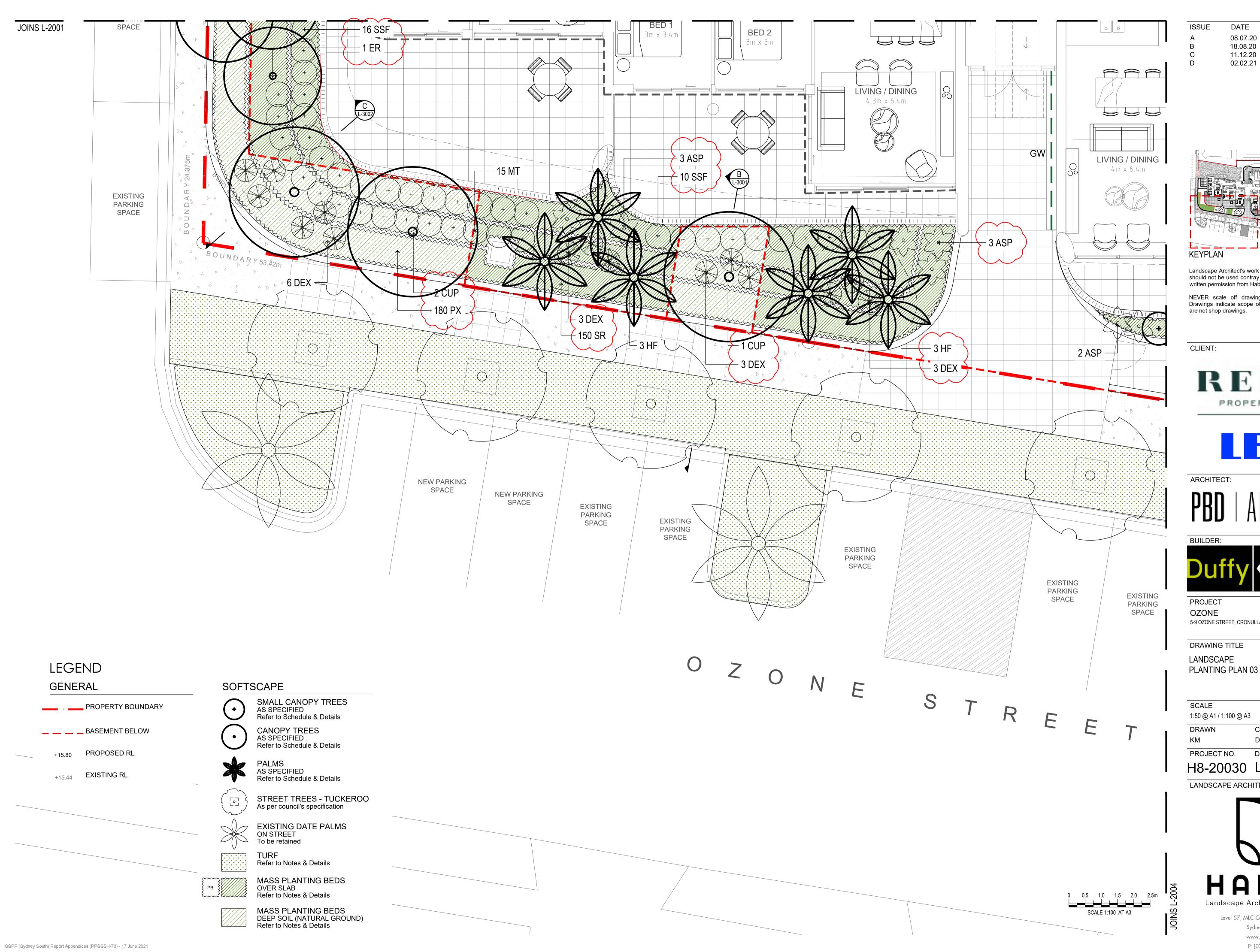
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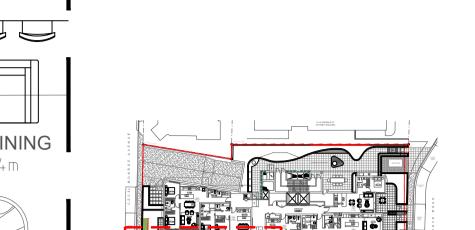
H8-20030 L-2002

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18.08.20

11.12.20 02.02.21 **PURPOSE**

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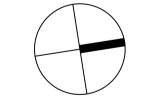
ARCHITECT:

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PROJECT OZONE 5-9 OZONE STREET, CRONULLA

DRAWING TITLE LANDSCAPE



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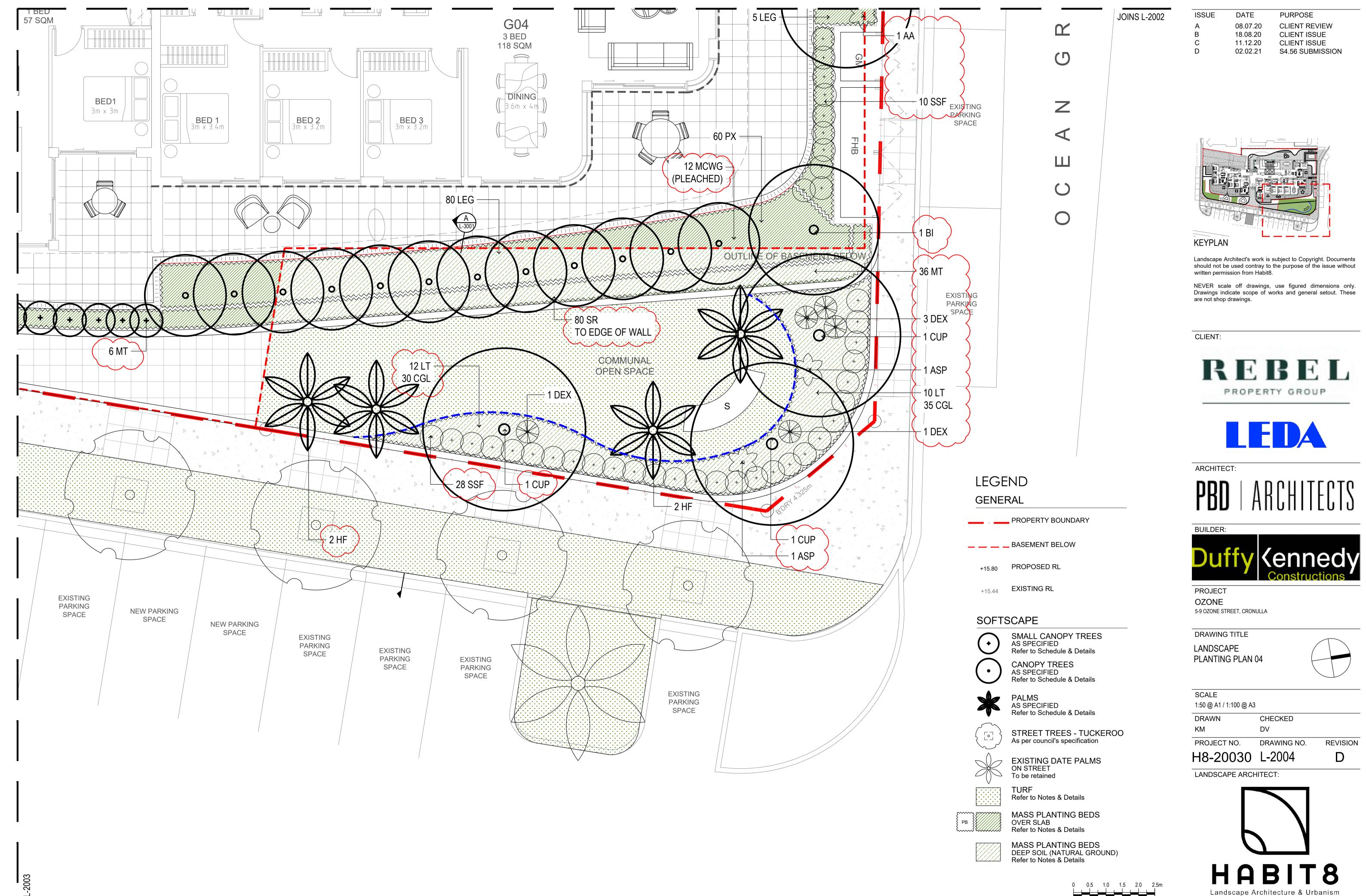
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H8-20030 L-2003

LANDSCAPE ARCHITECT:



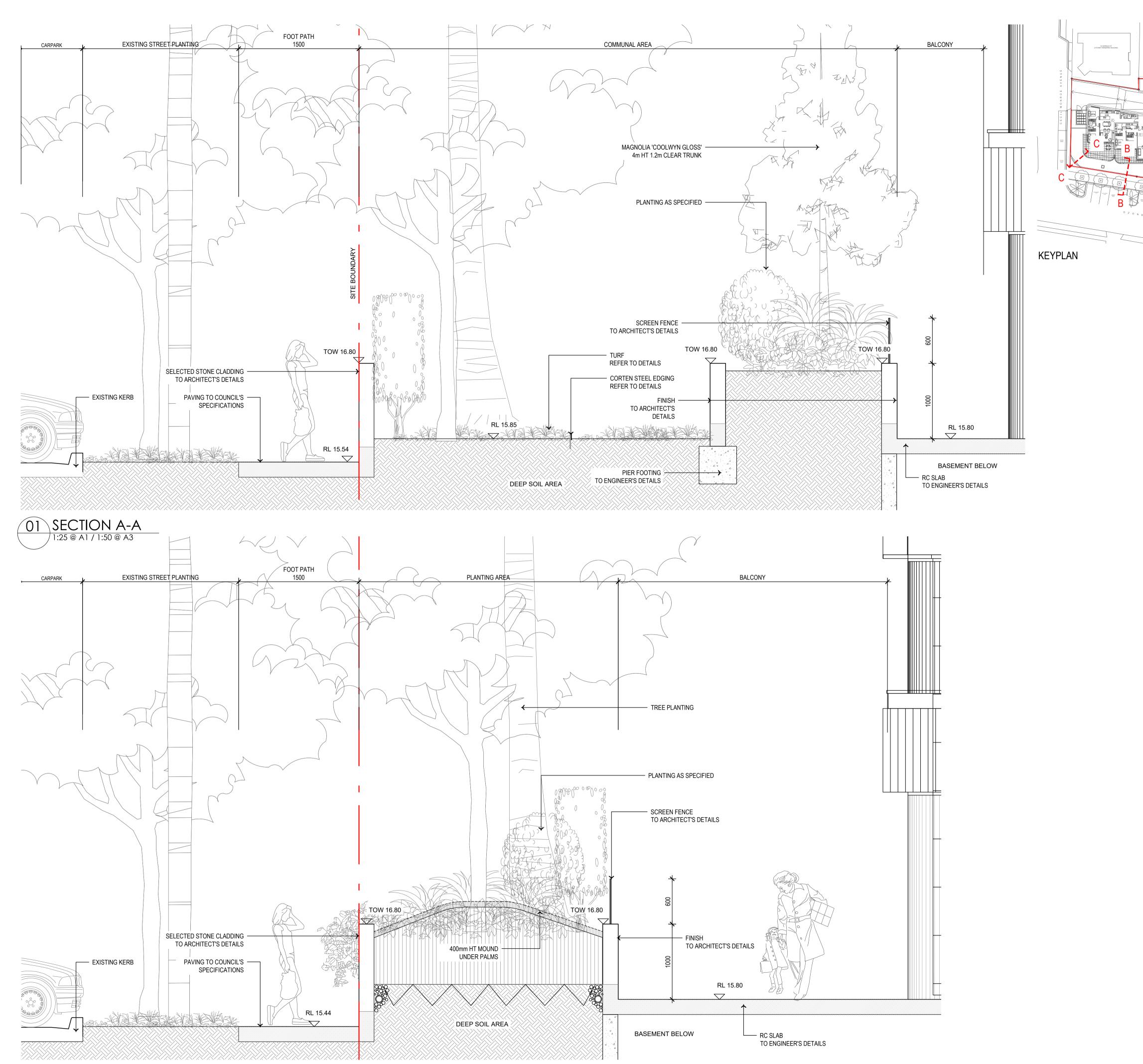
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SCALE 1:100 AT A3

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DATE **PURPOSE** 08.07.20 **CLIENT REVIEW** 18.08.20 CLIENT ISSUE 11.12.20 CLIENT ISSUE 02.02.21 S4.56 SUBMISSION

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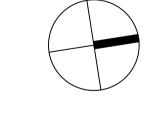
BUILDER:



PROJECT OZONE 5-9 OZONE STREET, CRONULLA

DRAWING TITLE

LANDSCAPE SECTIONS



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H8-20030 L-3001

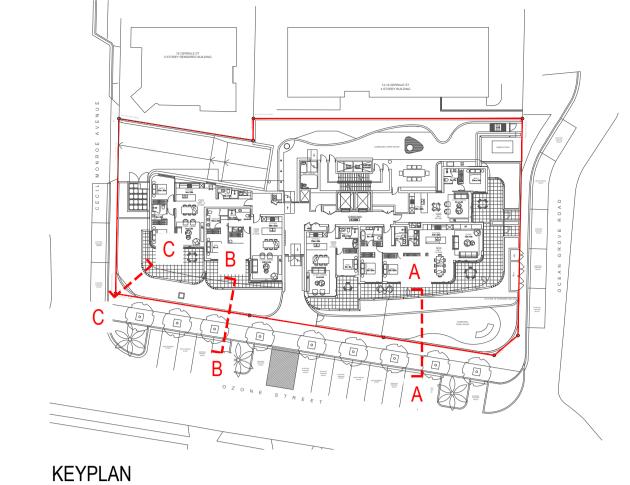
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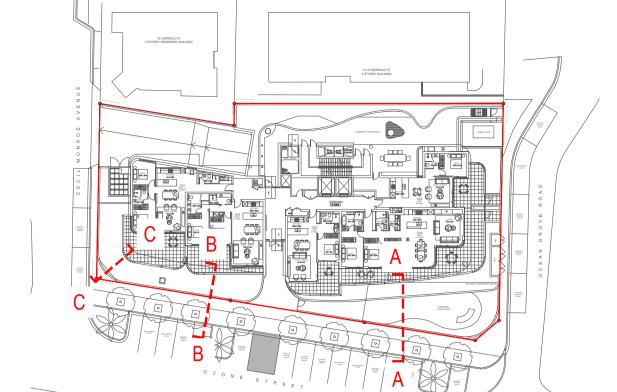


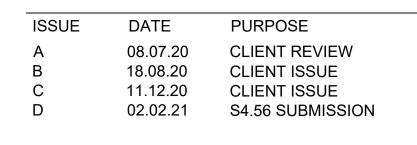
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BUILDER:



PROJECT OZONE 5-9 OZONE STREET, CRONULLA

DRAWING TITLE

LANDSCAPE SECTIONS



REVISION

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SCALE 1:25 @ A1 / 1:50 @ A3

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PROJECT NO. DRAWING NO.

H8-20030 L-3002

LANDSCAPE ARCHITECT:

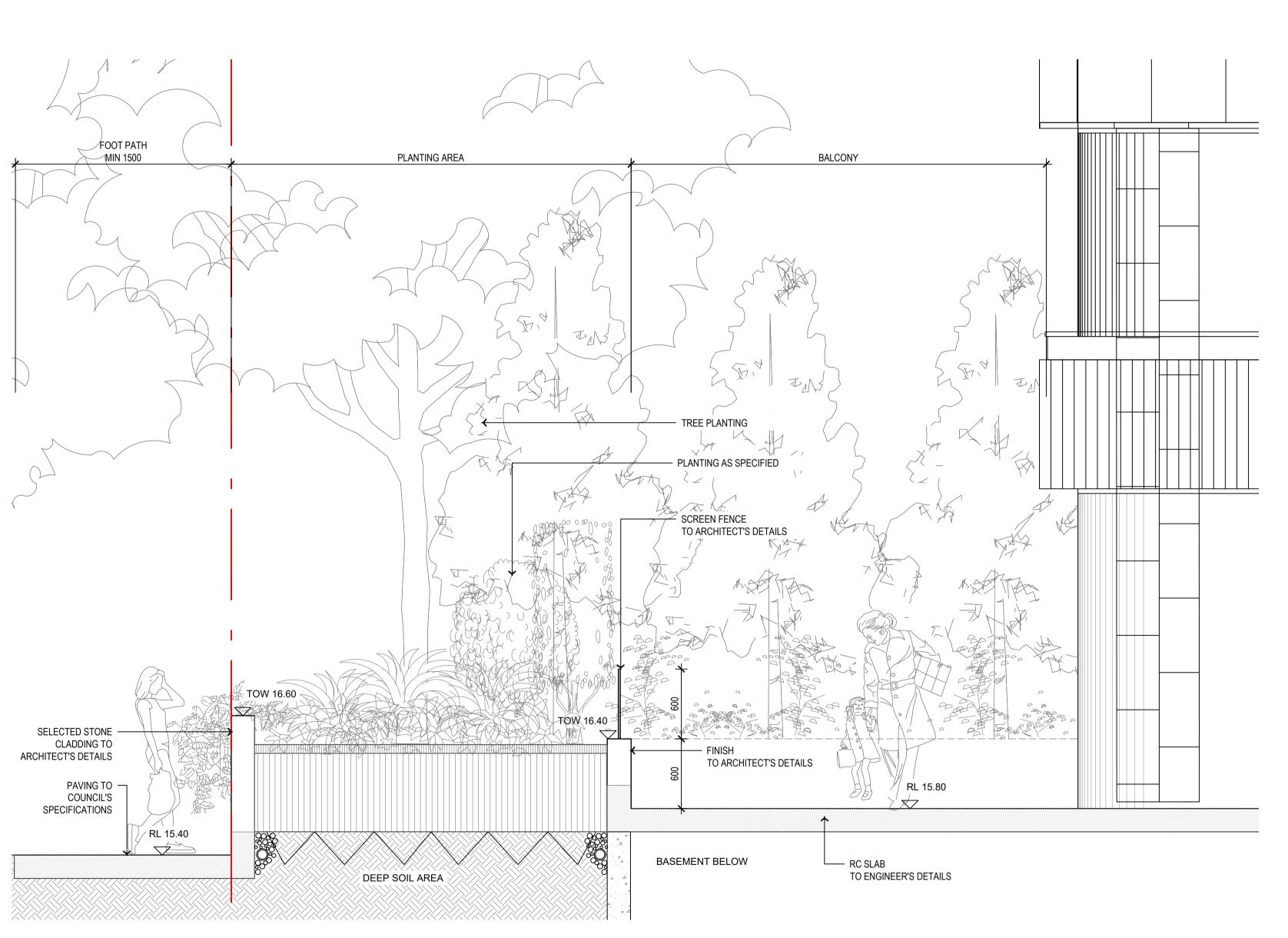


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SCALE 1:100 AT A3





01 SECTION C-C 1:25 @ A1 / 1:50 @ A3



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DATE 08.07.20

18.08.20

11.12.20 02.02.21





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PBD | ARCHITECTS

BUILDER:



PROJECT
OZONE
5-9 OZONE STREET, CRONULLA

DRAWING TITLE

LANDSCAPE ELEVATION OZONE ST

SCALE 1:100 @ A1 / 1:200 @ A3

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PROJECT NO. DRAWING NO. REVISION

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LANDSCAPE ARCHITECT:



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SSPP (Sydney South) Report Appendices (PPSSSH-70) - 17 June 2021

SPECIFICATION NOTES (TYPICAL)

Before landscape work is commenced the Landscape Contractor is to establish the position of all service lines and ensure tree planting is carried out at least 3 metres away from these services. Service lids, vents and hydrants shall be left exposed and not covered by any landscape finishes (turfing, paving, garden beds etc.) Finish adjoining surfaces flush with pit lids.

GARDEN MIX (DEEP SOIL AREAS):

Premium Garden Mix - Supplier SoilCo. or ANL to AS 4419

PLANTER BOX MIX:

Planter Box Mix - Supplier SoilCo. or ANL to AS 4419

TURF SOIL MIX (150mm DEPTH)

Type: Turf underlay

Available: Australian Native Landscapes (ANL)

MULCH

APPLICATION: Place mulch to the required depth, (refer to drawings) clear of plant stems, and rake to an even surface finishing 25mm below adjoining levels. Ensure mulch is watered in and tamped down during installation.

MULCH TYPE:

Type 1 (Mass planting):Hort Bark by ANL or SoilCo.

Pine bark: From mature trees, graded in size from 15mm to 30mm, free from wood slivers. Dark brown in colour and texture.

PLANT MATERIAL

All plants supplied are to conform with those species listed in the Plant Schedule on the drawings. Generally plants shall be vigorous, well established, hardened off, of good form consistent with species or variety, not soft or forced, free from disease or insect pests with large healthy root systems and no evidence of having been restricted or damaged. Trees shall have a leading shoot. Immediately reject dried out, damaged or unhealthy plant material before planting. All stock is to be container grown for a minimum of six (6) months

prior to delivery to site.

FERTILISER

MASS PLANTING AREAS: Fertiliser shall be 'Nutricote' or approved equivalent in granule form intended for slow release of plant nutrients over a period of approximately nine months. Thoroughly mix fertiliser with planting mixture at the recommended rate, prior to installing plants.

TURF: Shall be Shirleys No. 17 or approved equal thoroughly mixed into the topsoil prior to placing turf. TREES IN GRASS AND SUPER ADVANCED TREES: Pellets shall be in the form intended to uniformly release plant food elements for a period of approximately nine months equal to Shirleys Kokei pellets, analysis 6.3:1.8:2.9. Kokei pellets shall be placed at the time of planting to the base of the plant, 50mm minimum from the root ball at a rate of two pellets per 300mm of top growth to a maximum of 8 pellets per

STAKING AND TYING

Stakes shall be straight hardwood, free from knots and twists, pointed at one end and sized according to

of plants to be staked.

a. 5-15 litre size plant 1x(1200x25x25mm)

b. 35-75 litre size plant 2x(1500x38x38mm)

c. 100-greater than 200litre 3x(1800x50x50mm)

Ties shall be 50mm wide hessian webbing or approved equivalent nailed or stapled to stake. Drive stakes a minimum one third of their length, avoiding damage to the root system, on the windward side of the plant.

TURF

Obtain turf from a specialist grower of cultivated turf. turf shall be of even thickness, free from weeds and other foreign matter; lay in stretcher pattern with joints staggered and close butted, perpendicular to gradient of FSL. Water immediately after laying.

TURF TYPE: Wintergreen Couch (Confirm with council prior to construction)

FURNITURE

SCULPTURAL SEAT

Type: Segment Backed Bench (Backrest on outer) Size: L 3080 mm x W 800mm x H 800 mm Color: White

Available: Quatro Design Ph: 02 6672 1190

FEATURE PLANTER Type: Delta II with 1050 mm Planter & Timber Size: 2550 kg x W 2330 mm

Available: Quatro Design Ph: 02 6672 1190

WATER FEATURE

Tile: 200mm x 200mm Granite Stone Tile; Colour: Black

WATER FEATURE BOWL

Type: 80cm Shallow Bowl Package (with Poly pond 90x90x27cm, Fibreglass grate 82x82cm, P2000 (240v) pump and pebbles

Available: Design Water Features Ph: 02 9679 9680

OUTDOOR TABLE

Type: Ultimo 9-Piece Outdoor Extension Dining Setting Size: Width Table: 2990mm | Dining Chair With Arms: 575mm | Without: 480mm Height Table: 760mm | Dining Chair With Arms: 860mm | Without: 860mm

Depth Table: 1000mm | Dining Chair With Arms: 590mm | Without: 590mm

Available: Harvey Norman Ph: (02) 9589 8800

BUILT-IN SEAT

Tile: Trend Vitreo 153 Mosaic

Size: 2cm x 2cm

Available: Sareen Stone Ph:+61 2 9666 9222

LANDSCAPE MAINTENANCE PROGRAM (TYPICAL)

Maintenance shall mean the care and maintenance of the landscape works by accepted horticultural practice as rectifying any defects that become apparent in the landscape works under normal use. This shall include, but shall not be limited to, watering, mowing, fertilising, re-seeding, returfing, weeding, pest and disease control, staking and tying, replanting, cultivation, pruning, aerating, renovating, top dressing, maintaining the site in a neat and tidy condition as follows:-

GENERAL

The landscape contractor shall maintain the landscape works for the term of the maintenance (or Plant establishment) period to the satisfaction of the council. The landscape contractor shall attend to the site on a weekly basis. The maintenance period shall commence at practical completion and continue for a period of fifty two (52) weeks.

WATERING

Grass, trees and garden areas shall be watered regularly so as to ensure continuous healthy growth.

During the term of the maintenance period the landscape contractor shall remove rubbish that may occur and reoccur throughout the maintenance period. This work shall be carried out regularly so that at weekly intervals the area may be observed in a completely clean and tidy condition.

REPLACEMENTS

The landscape contractor shall replace all plants that are missing, unhealthy or dead at the Landscape Contractor's cost. Replacements shall be of the same size, quality and species as the plant that has failed unless otherwise directed by the Landscape Architect. Replacements shall be made on a continuing basis not exceeding two (2) weeks after the plant has died or is seen to be missing.

STAKES AND TIES

The landscape contractor shall replace or adjust plant stakes, and tree guards as necessary or as directed by the Landscape Architect. Remove stakes and ties at the end of the maintenance period if so directed.

PRUNING

General: Prune to reflect the natural growth flowering and regrowth habit of the individual species. Shrubs: Prune after flowering - Spring and Summer and on a spot basis as required.

Hedge trimming: Schedule trimming at times which will maintain the character and design of hedges. Allow up to three times per season.

Tip pruning: To encourage development of new shoots during the active growing season. Do not remove buds before the flowering season in those plants that have terminal flowers. Radical pruning: To maintain a hedge or formal shape or when a particular problem, growth habit,

damage, or disease requires branch removal. Trees: Prune to eliminate diseased or damaged growth, avoid inter-branch contact and thin out crowns in a natural manner, maintain sight lines to signs and lights, or maintain visibility for personal security. Tree

branch removal to AS 4373. Give notice and engage a suitably qualified 'arborist'.

MULCHED SURFACES

All mulched surfaces shall be maintained in a clean and tidy condition and be reinstated if necessary to ensure that a depth of 75mm is maintained. Ensure mulch is kept clear of plant stems at all times. Remove all mulching materials off lawn or paved areas and maintain a clean and tidy appearance when viewed on a weekly basis.

PEST AND DISEASE CONTROL

The landscape contractor shall spray against insect and fungus infestation with all spraying to be carried out in accordance with the manufacturer's directions. Report all instances of pests and diseases (immediately that they are detected) to the Landscape Architect.

GRASS AND TURF AREAS

The landscape contractor shall maintain all grass and turf areas by watering, weeding, re-seeding, rolling, mowing, trimming or other operations as necessary. Seed and turf species shall be the same as the original specified mixture. Grass and turf areas shall be sprayed with approved selective herbicide against broad leafed weeds as required by the Landscape Architect and in accordance with the manufacturer's directions. Grass and turf areas shall be fertilised once a year in autumn with "Dynamic Lifter" for lawns at a rate of 20kg per 100m2. Fertiliser shall be watered in immediately after application. Irregularities in the grass and turf shall be watered in immediately after application.

Grass and turf areas shall be kept mown to maintain a healthy and vigorous sward. Mowing height: 30-50mm.

WEED ERADICATION

Eradicate weeds by environmentally acceptable methods using a non-residual glyphosate herbicide (eg 'Roundup') in any of its registered formulae, at the recommended maximum rate. Regularly remove by hand, weed growth that may occur or recur throughout grassed, planted and mulched areas. Remove weed growth from an area 750mm diameter around the base of trees in grassed areas. Continue eradication throughout the course of the works and during the maintenance period.

SOIL SUBSIDENCE

Any soil subsidence or erosion which may occur after the soil filling and preparation operations shall be made good by the landscape contractor at no cost to the client.

MAINTENANCE PERIOD

The maintenance will be implemented for 12 months (52 weeks)

IRRIGATION NOTES (TYPICAL)

IRRIGATION OVERVIEW - (Confirm with irrigation contractor at tender stage)

EXTENT

All mass planting landscape areas and trees are to have full coverage by a fully automatic irrigation system. The design, materials and installation are to be in accordance with Sydney Water Codes and all relevant Australian Standards.

- 1. An automatic irrigation system is to be installed to all turf and garden bed areas.
- 2. The irrigation system shall be designed and installed by a licensed contractor to relevant Australian standards and Sydney water guidelines.
- 3. The irrigation system shall be connected into the rainwater tank system and pump

DRIPLINE

Provide 13mm dripline to all garden bed areas with appropriate 13mm joiners. Dripline to be Toro drip or similar with 400mm centre drippers. Install line at 500mm spacings with the first line to be 150mm in from edge.

Install dripline after planting and prior to mulching to allow for an adequate mulch cover. Anchor at 1.5m maximum intervals with u-shaped stakes. Dripline pattern to suit planting.

CONTROL VALVES

24v solenoid actuated hydraulic valve with flow control. Control valves to be Toro ezflow series solenoids 25mm or approved equal. Provide a gate valve of the same size immediately upstream of each valve. House both valves in a high impact plastic valve box with a high impact plastic cover at finished ground level. Support the box with bricks on each side.

Controller to be Toro greenkeeper or approved equal with a rain switch.

Install a master valve/pressure regulating valve equal to Toro p220 with exreg pressure regulation valve Filter to be installed

equal to Toro y filter 75mm screen filter.

CONTROL WIRES

Connect the control valves and soil moisture sensor to the controller with double insulated underground cables laid alongside piping where possible. Lay intertwined for their full length without joints except at the valves and branches off common wires. Provide waterproof connectors.

Provide a backflow prevention device to Sydney water standards AS 3500.

ISSUE PURPOSE DATE 08.07.20 CLIENT REVIEW 18.08.20 CLIENT ISSUE 11.12.20 CLIENT ISSUE 02.02.21 S4.56 SUBMISSION

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ARCHITECT:



BUILDER:

OZONE 5-9 OZONE STREET, CRONULLA

PROJECT

DRAWING TITLE SPECIFICATION NOTES AND MAINTENANCE PROGRAM

SCALE NTS DRAWN CHECKED DV PROJECT NO. DRAWING NO. **REVISION**

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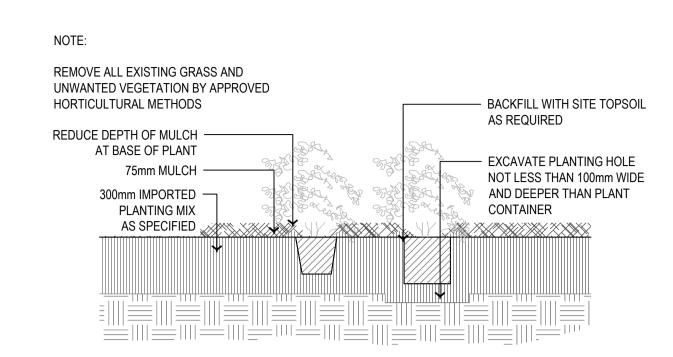
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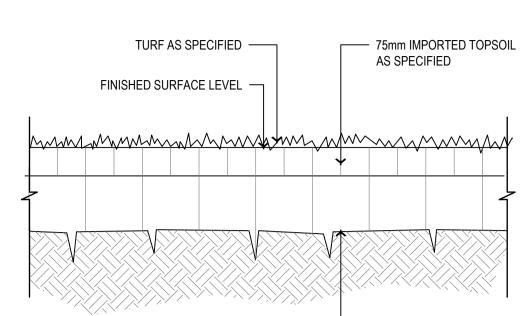


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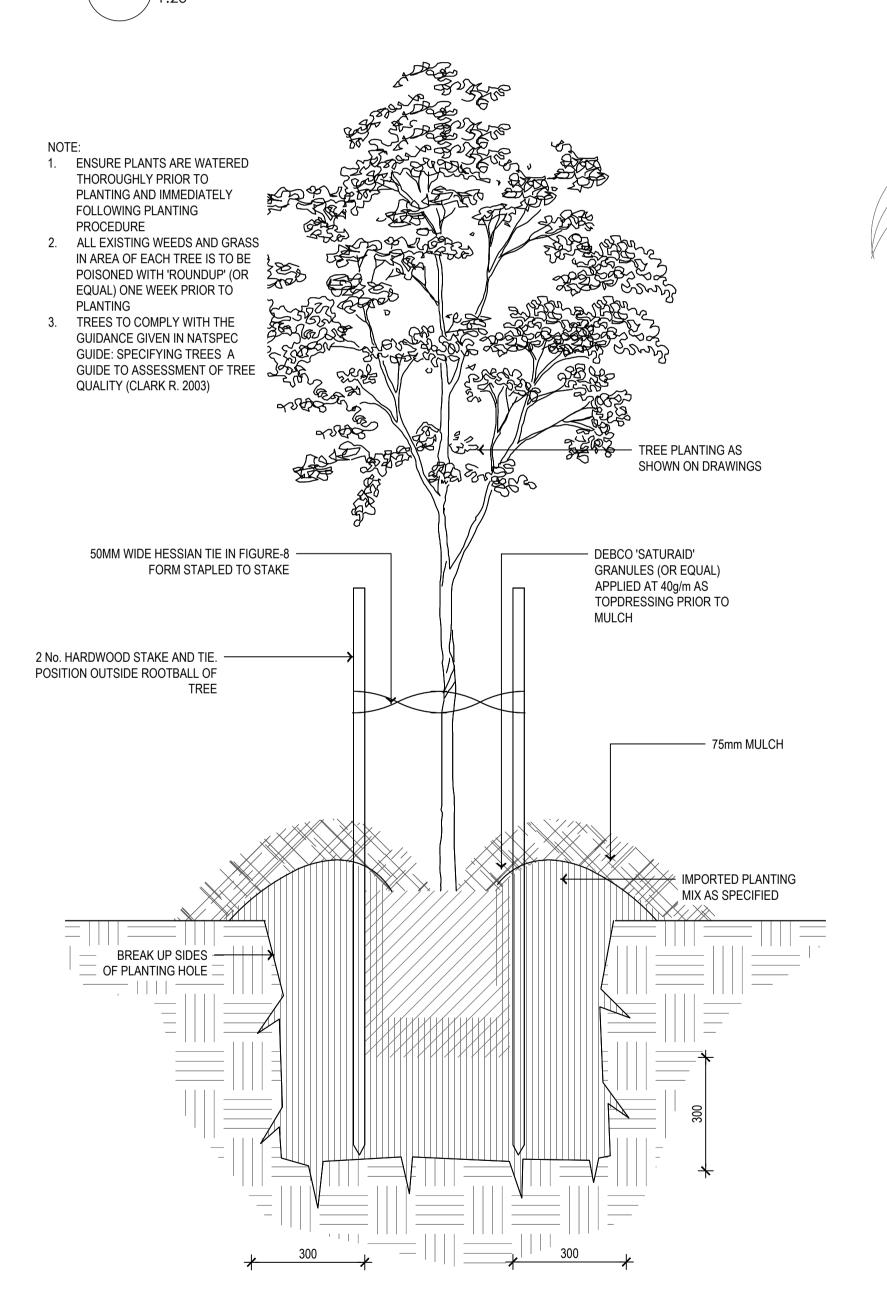
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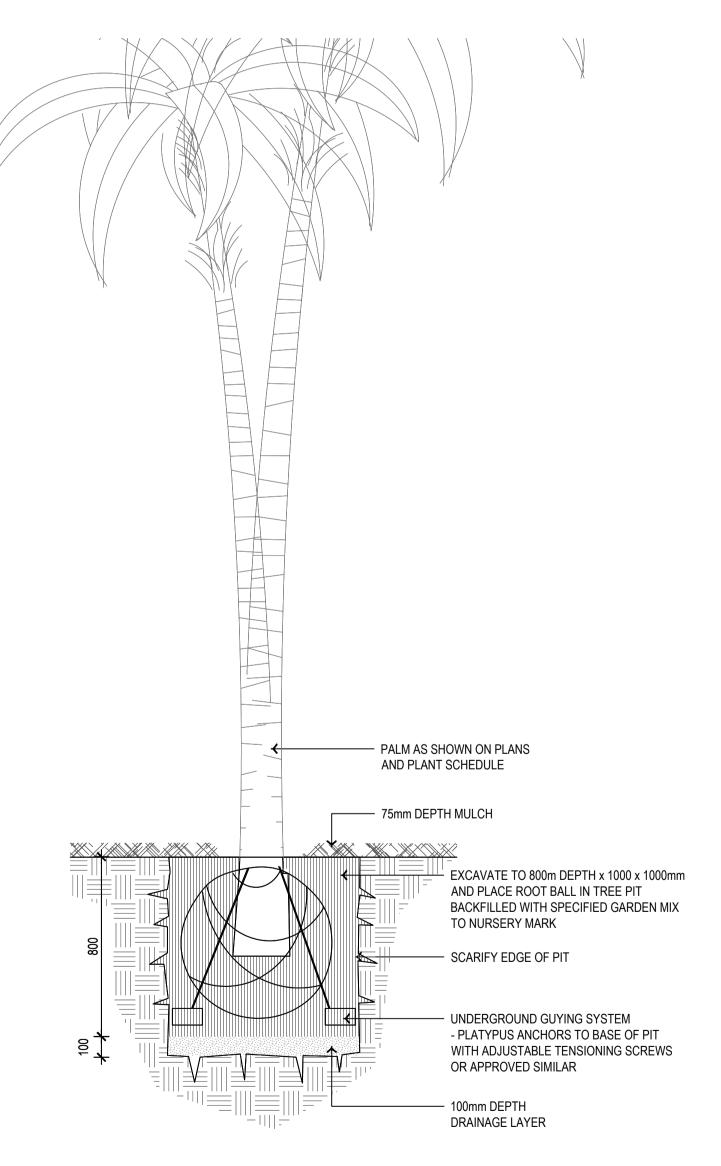
75mm MULCH AS SPECIFIED — PROTECTIVE WATERPROOF MEMBRANE TO SPECIFICATION MASONRY WALLS REFER TO -— 25mm CLEARANCE PLANS FOR RL GEOTEXTILE PLANTER BOX MIX AS PER SPECIFICATIONS. 3 50mm DEPTH WASHED RIVER SAND DRAINAGE CELL PAVING AS SPECIFIED DRAIN -PLANTING AS SPECIFIED -R.C SLAB REFER TO HYDRAULIC TO ENGINEER'S DETAIL CONSULTANTS DRAWINGS



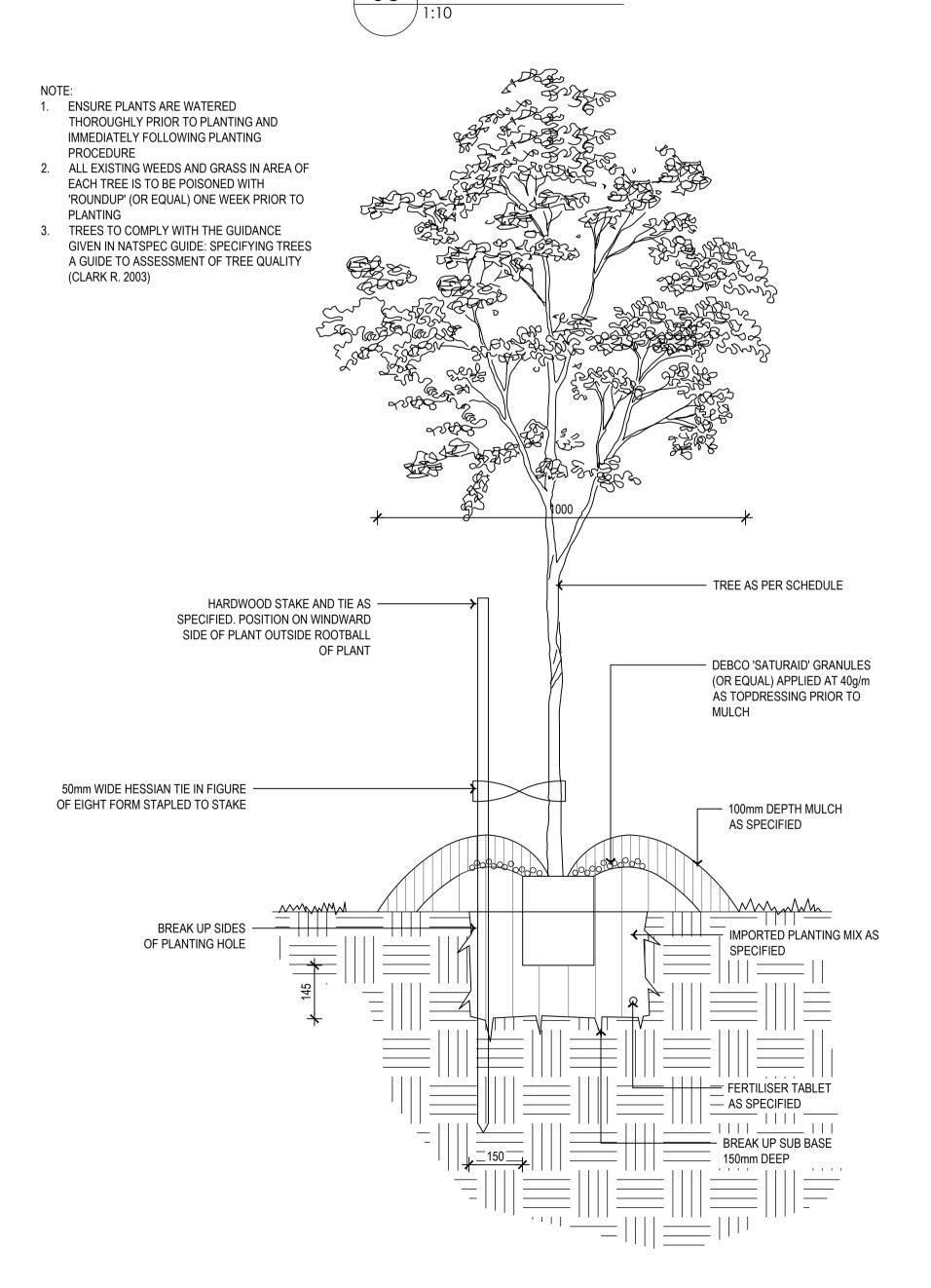
MASS PLANTING DETAIL



RAISED PLANTERBOX ON SLAB DETAIL



 CULTIVATE SUBGRADE TO 150mm DEPTH 03 TURF DETAIL



06 TREE PLANTING DETAIL (OVER 100L)

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PROJECT OZONE 5-9 OZONE STREET, CRONULLA

DRAWING TITLE LANDSCAPE DETAILS

SCALE AS SHOWN

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04 TREE PLANTING DETAIL (UNDER 100L)

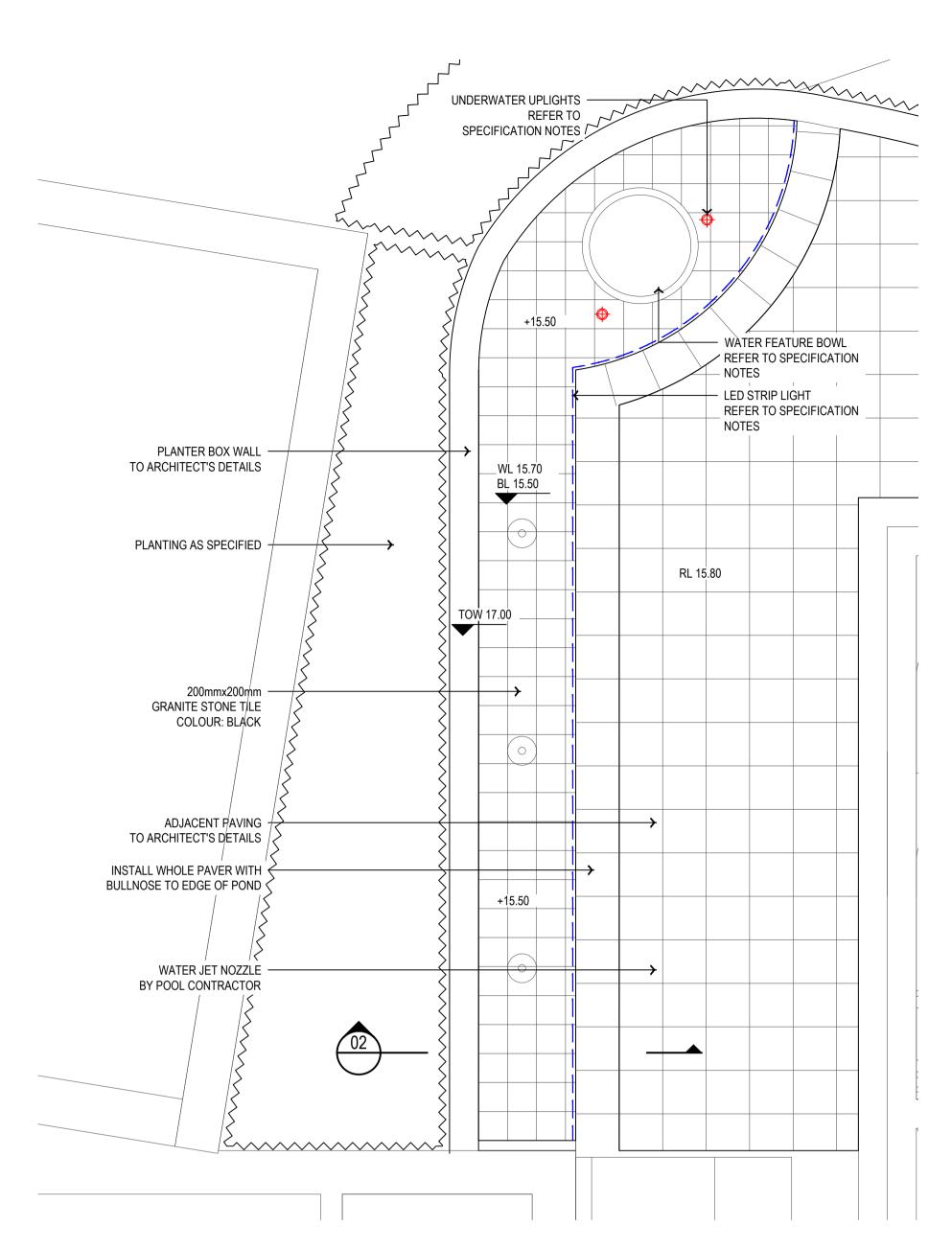
05 PALM PLANTING DETAIL

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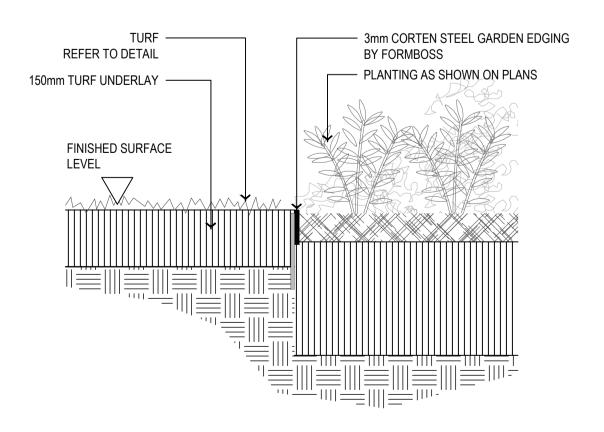
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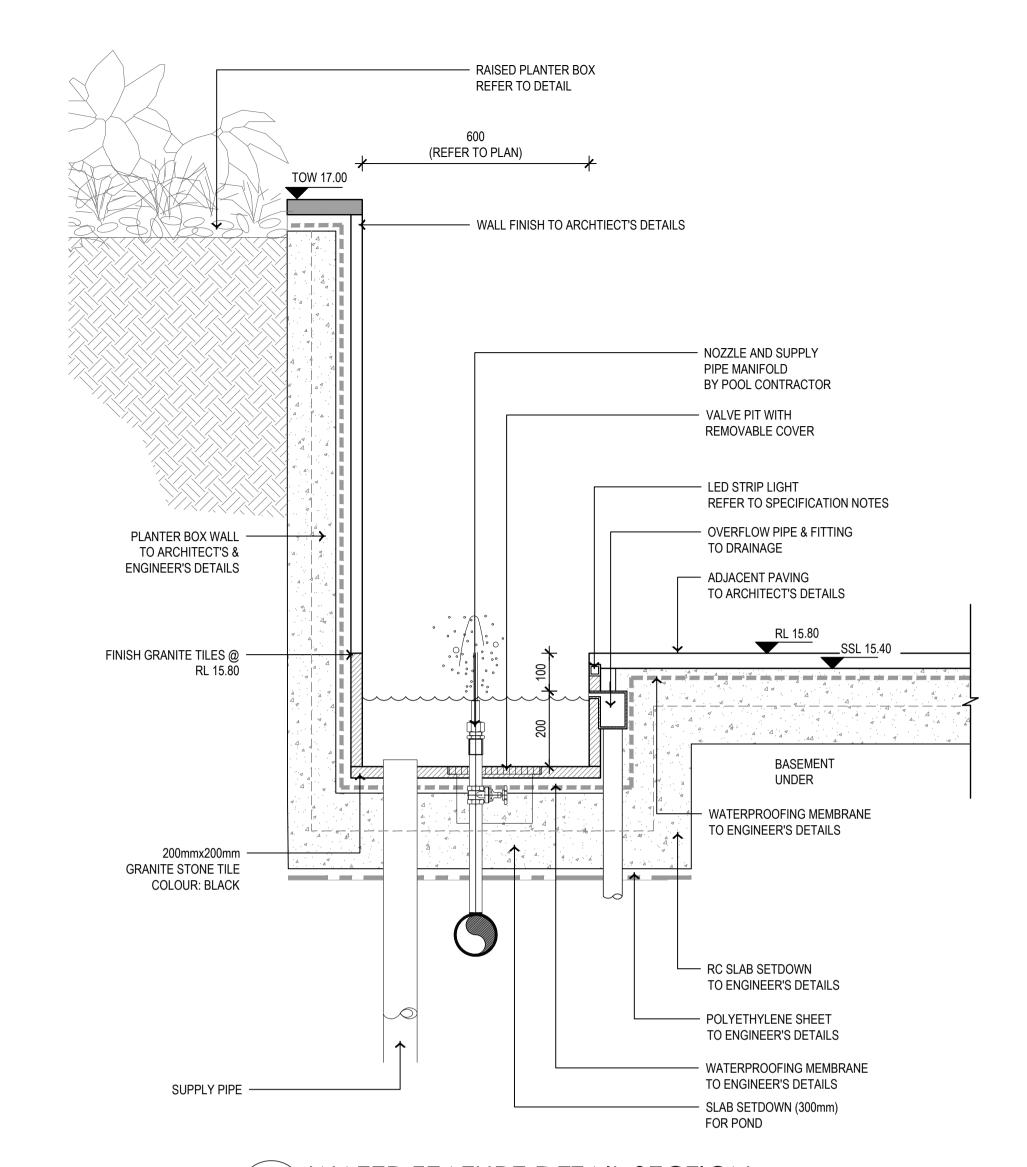
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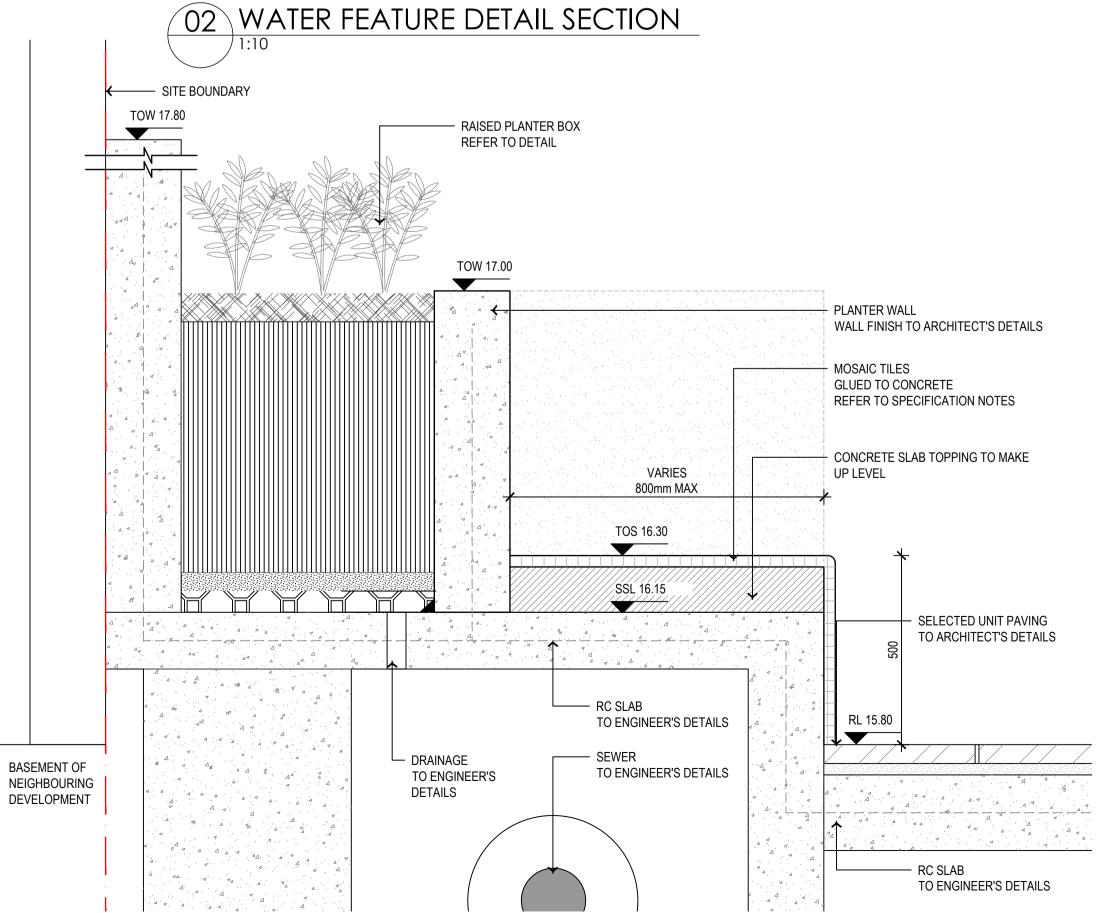


01 WATER FEATURE PLAN



03 CORTEN STEEL EDGE DETAIL





04 PLANTER BOX WITH CONCRETE SEATING WALL

ISSUE DATE PURPOSE

A 08.07.20 CLIENT REVIEW

B 18.08.20 CLIENT ISSUE

C 11.12.20 CLIENT ISSUE

D 02.02.21 S4.56 SUBMISSION

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PROJECT
OZONE
5-9 OZONE STREET, CRONULLA

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LANDSCAPE DETAILS

SCALE

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PROJECT NO. DRAWING NO. REVISION

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