

QUANTITY SURVEY REPORT

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Source: Google Maps

Project:	Proposed Residential Development At No. 1 Station Lane Penrith NSW 2750				
Applicant:	Station Lane Pty Ltd ATF The Station Lane Trust				
Builder:	Developer Managed				

Report Date: 29 May 2018

QUANTITY SURVEYORS. CONSTRUCTION ECONOMISTS. PROJECT MANAGERS. DEVELOPMENT MANAGERS.

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1. Instruction

We have undertaken a study of the probable cost of construction for the above project, based on the supplied architectural drawings and other information provided.

We have also taken into consideration the proposed method of procurement (Developer Managed).

2. Brief Development Description

The proposal comprises the demolition of existing structure(s) and the construction of a six (6) storey residential development with associated basement car parking, at No. 1 Station Ln, Penrith.

The proposed Development consists of:

- Fourteen (14) x car spaces within Lower Basement to Upper Basement;
- Seventeen (17) x residential units within Ground Floor to Level 5:
 - One (1) x studio;
 - Seven (7) x one bed units;
 - Eight (8) x two bed units;
 - One (1) x three bed unit.

Typically, each residential unit comprises of a bathroom, bedrooms, laundry, living/dining, kitchen and balcony.

3. Construction Cost Estimate

Description	Amount (\$)
Total Construction Cost	4,259,566
Add Consultants Fees	96,966
Total Development Cost (excl. GST)	4,356,532
Add GST	435,653
Total Development Cost (incl. GST)	4,792,185

The required Council Schedule, titled "Registered Quantity Surveyor's Detailed Cost Report" is attached in *Appendix A*. Also, please refer to *Appendix B* for an Elemental Cost Estimate Summary prepared in accordance with the Environmental Planning and Assessment Regulation 2000 (Reg 25J) - Section 94A Levy - Determination of proposed cost of Development. A detailed report may be obtained upon request.

Our Construction Cost Estimate may be considered as reasonable, based on the proposed level of finishes and in the absence of the Structural and Services drawings, the Contract Documents and DA Conditions.

4. Areas

According to the architectural drawings, the proposed approximate Floor Areas may be presented as follows:

		F.E.C.A*	U.C.A**	G.F.A***
Building Level	Description	(m2)	(m2)	Total (m2)
Lower Basement	Parking	393		393
Upper Basement	Parking	393		393
Ground Floor	Living Area	117	20	137
Ground Floor	Common Areas	185	7	192
Level 1	Residential Units	269	48	317
Level 1	Common Areas	29		29
Level 2	Residential Units	269	31	300
Level 2	Common Areas	29		29
Level 3	Residential Units	271	27	298
Level 3	Common Areas	29		29
Level 4	Residential Units	179	36	215
Level 4	Common Areas	18		18
Level 5	Residential Units	179	33	212
Level 5	Common Areas	18		18
Total		2,378	201	2,579

* F.E.C.A (Fully Enclosed Covered Area): The sum of all such areas at all building floor levels, including basements (except unexcavated portions), floored roof spaces and attics, garages, penthouses, enclosed porches and attached enclosed covered ways alongside building, equipment rooms, lift shafts, vertical ducts, staircases and any other fully enclosed spaces and useable areas of the building, computed by measuring from the normal inside face of exterior walls but ignoring any projections such as plinths, columns, piers and the like which project from the normal inside face of exterior walls. It shall not include open courts, light wells, connecting or isolated covered ways and net open areas of upper portions of rooms, lobbies, halls interstitial spaces and the like which extend through the storey being computed.

**U.C.A (Unenclosed Covered Area): The sum of all such areas at all building floor levels, including roofed balconies, open verandahs, porches and porticos, attached open covered ways alongside buildings, undercrofts and useable space under buildings, unenclosed access galleries (including ground floor) and any other trafficable covered areas of the building which are not totally enclosed by full height walls, computed by measuring the area between the enclosing walls or balustrade (i.e. from the inside face of the UCA excluding the wall or balustrade thickness). When the covering element (i.e. roof or upper floor) is supported by columns, is cantilevered or is suspended, or any combination of these, the measurements shall be taken to the edge of the paving or to the edge of the cover, whichever is the lesser. UCA shall not include eaves overhangs, sun shading, awnings and the like where these do not relate to clearly defined trafficable covered areas, nor shall it include connecting or isolated covered ways.

***G.F.A (Gross Floor Area): The sum of the 'Fully Enclosed Covered Area' and 'Unenclosed Covered Area' as defined. The G.F.A definition used here is different to the Gross Building Area defined in the ANZRPGN 4 Methods of Measurement used by Valuation and Property Industry Professionals.

5. Quality of Finishes

The proposed finishes for the Development may be considered of standard quality, as described in the attached Schedule of Finishes (Appendix C), prepared by Construction Consultants (QS) and based on information supplied by the Developer.

The quality of finishes proposed, are appropriate to the type, scale and location of this project.

6. Documentation

Our Cost Estimate was based on Architectural Drawings supplied by *Mr Antoine J. Saouma*, Job No. 03717, Drawing Nos. 01 to 19, Revision A, Dated April 2018.

Please refer to Appendix D for a reduced copy of part of these drawings.

7. Exclusions

Our Cost Estimate does not include the following:

- Land Acquisition;
- Marketing and financing;
- Legal costs;
- Project Management;
- Building insurance costs;
- Major services diversions, external connections and /or improvement;
- Amplification / amendment to existing services;
- Underpinning of existing structure;
- Amendments to plans, incomplete documentation;
- Taxes, levies and charges;
- Disabled access;
- Energy and water efficiency;
- Electrical substation allowance;
- Decontamination works (Asbestos Removal, etc);
- Rock excavation
- Dewatering / Drainage pit & pump-out;
- Blinds / Flyscreens
- Roadworks / Public domain works;
- Authorities Fees (S94 Contribution and the like);
- Contingency allowance.

8. Design Assumptions / Parameters

In the absence of engineering drawings, the structure of the proposed buildings was assumed of conventional nature, comprising the following:

- Reinforced concrete soldier piles /Shotcrete to basement shoring;
- Reinforced concrete strip / pad footings;
- Reinforced concrete columns and floor slabs (Framed structure).

Our Indicative Cost Estimate was based on the assumption that the whole development will be constructed in a single stage (i.e. not a staged development). If the building is to be completed in stages, the cost of preliminaries and Building services may increase.

This Cost Estimate may provide no more than a rough guide to the probable cost of the proposed development. Costs may vary considerably, due to a range of variables:

- Further Geotechnical investigation;
- Structural and services documentation;
- Contract conditions;
- Final PC Items and Provisional Allowances;
- Variations in the proposed fixtures and finishes;
- DA Conditions.

9. <u>Contingency Allowance</u>

A Contingency Allowance (generally between 5% and 10%) will not be included for the purpose of this report.

10. Disclaimer

This Certificate has been prepared for the sole purpose of providing an Initial Cost Plan for DA Council Submission only (not for bank use). This Quantity Survey Certificate is not to be used for any other purpose. This Report is confidential to the developer. The Writer does not accept any contractual, tortuous or other form of liability for any consequences, loss or damage which may arise as a result of any other person acting upon or using this report.

Report and estimate prepared by

Michael M. Dakhoul B. Build (Hons. 1) AAIQS MAIB MCIOB ICECA AAIQS Reg. No. 3618

Appendix A Council Schedule

REGISTERED* QUANTITY SURVEYOR'S DETAILED COST REPORT

Development Cost in excess of \$500,000

*A member of the Australian Institute of Quantity Surveyors

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Deve	lopment	Ann	lication	No:
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Complying Development Certificate Application No:

Construction Certificate No: _

Applicant's Name: _Station Lane Pty Ltd ATF The Station Lane Trust

Applicant's Address: _

Development Name: Proposed Residential Development

Development Address: 1 Station Lane, Penrith NSW 2750

DEVELOPMENT DETAILS:

Gross Floor Area – Commercial		N/A	m ²	Gross Floor Area – Other	N/A	m2
Gross Floor Area – Residential		1,793	m ²	Total Gross Floor Area	2,579	m ²
Gross Floor Area – Retail		N/A	m ²	Total Site Area	665	m ²
Gross Floor Area – Car Parking	Basement	786	m ²	Total Car Parking Spaces	14	
Total Development Cost	4,356,532 + GST		\$			
Total Construction Cost	4,259,566 + GST		\$			
Total GST	435,653		\$			

ESTIMATE DETAILS: Refer to "Appendix B"								
Professional Fees	\$		Excavation	\$	/			
% of Development Cost		%	Cost per square metre of site area	\$	/m ²			
% of Construction Cost		%	Car Park	\$				
Demolition and Site Preparation	\$		Cost per square metre of site area	\$	/m ²			
Cost per square metre of site area	\$	/m ²	Cost per space	\$	/spac			
Construction – Commercial	\$	/	Fit out – Commercial	\$				
Cost per square metre of commercial area	\$	/m ²	Cost per m ² of commercial area	\$	/m			
Construction Residential	\$		Fit out – Residential	\$				
Cost per square metre of residential area	\$	/m ²	Cost per m ² of residential area	\$	/m			
Construction – Retail	\$		Fit out – Retail	\$				
Cost per square metre of retail area	\$	/m ²	Cost per m ² of retail area	\$	/m ⁻			

I certify that I have:

- Inspected the plans the subject of the application for development consent or construction certificate.
- Prepared and attached an elemental estimate generally prepared in accordance with the Australian Cost Management Manuals from the Australian Institute of Quantity Surveyors.
- Calculated the development costs in accordance with the definition of development costs in the S94A Development Contributions Plan of the Council of Willoughby City at current prices.
- Included GST in the calculation of development costs.
- · Measured gross floor areas in accordance with the Method of Measurement of Building Area in the AIQS Cost Management Manual Volume 1, Appendix A2.

Signed

Name:_Michael M. Dakhoul

Position and Qualifications: AAIQS No. 3618

Reference:

Date:

Appendix B Elemental Cost Estimate Summary

Elemental Summary

1 Station Ln, Penrith

Code	Item	%	Cost (\$) / m2	Total Cost (\$)
PR	Preliminaries	15.10	255	657,720
AR	Demolition	0.71	12	30,721
ХР	Site Preparation	0.05	1	2,048
	Substructure (Shoring, Excavation & Basement			
SB	structure)	14.25	241	620,928
CL	Columns	1.65	28	71,682
UF	Upper floors	8.23	139	358,410
SC	Staircases	2.19	37	95,576
RF	Roof	1.65	28	71,682
EW	External Walls	9.44	159	411,318
WW	Windows	2.74	46	119,470
ED	External Doors	1.10	19	47,788
NW	Internal Walls	3.37	57	146,777
NS	Internal Screens	0.71	12	30,721
ND	Internal Doors	1.72	29	75,095
WF	Wall Finishes	1.94	33	84,526
FF	Floor Finishes	2.08	35	90,410
CF	Ceiling Finishes	1.68	28	73,343
FT	Fitments	4.29	72	186,975
РВ	Hydraulic Services (incl. External Services)	5.08	86	221,377
	Mechanical Services (Basement and wet areas			
AC	Ventilation, Air Conditioning if applicable)	1.34	23	58,472
FP	Fire Services	0.45	8	19,398
LP	Electrical Services (excl. substation)	2.74	46	119,287
	Transportation Services (Lifts, Escalators and the			
TS	like)	4.00	67	174,085
	Siteworks (Boundary walls, Fencing and Gates,			
XR/XN	etc.)	0.86	15	37,548
XL	Landscaping and Improvements	2.15	36	93,869
BM	Builder's Margin	8.27	140	360,339
	Total Construction Cost (excl. GST)			4,259,566
	Add Consultants Fees	2.23	38	96,966
	Total Development Cost (excl. GST)	100.00	1,689	4,356,532
	Add GST			435,653
	Total Development Cost (incl. GST)			4,792,185

Appendix C Assumed Schedule of Finishes

Proposed Residential Development 1 Station Ln, Penrith ASSUMED SCHEDULE OF FINISHES

RESIDENTIAL FIXTURES AND FINISHES

Kitchen Appliances

Cabinet and Cook top Wall Oven Range hood Dishwasher Sink/ Mixer tap

Laundry Fittings

Clothes Dryer Washing Machine Laundry Tub

Tapware

Kitchen Vanity Units Bath Shower

Bathroom Fittings

Main Bathroom Ensuite Shower Screens Mirror

Bathroom Sanitary ware

Bath WC Suites Vanity Unit

Internal finishes and Fittings

Cornices Internal Doors Front Doors Door Handles

Kitchen Wardrobes Walls Ceilings Blinds Gas cook top Electric multi-function Re-circulating Free-standing Stainless Steel 1& ½ bowl

3.5 kg Excluded 45 Liter tub / cabinet

Single Lever Mixer / chrome Chrome Chrome

Standard Standard Powder-coated aluminum frame / safety glass Wall mounted mirror above each vanity unit

Stylus acrylic bath Vitreous China Suite with 6/3 dual flush Laminated top with Semi-recessed basin

Standard Cove Hollow core - plain Fire rated - Basic feature Lockset to entry doors Metal lever to internal doors Stone benchtop and laminated doors Mirrored doors Plasterboard / painted Plasterboard / painted Excl.

Construction Consultants (QS) 29/05/2018 1

Floor Finishes

Living / Dining Bedrooms Kitchen Laundry Bathroom / Ensuite Balcony

Fixtures

Hot water unit Intercom Air conditioning Transportation Carpet Carpet Ceramic tiles Ceramic tiles Ceramic tiles Ceramic tiles

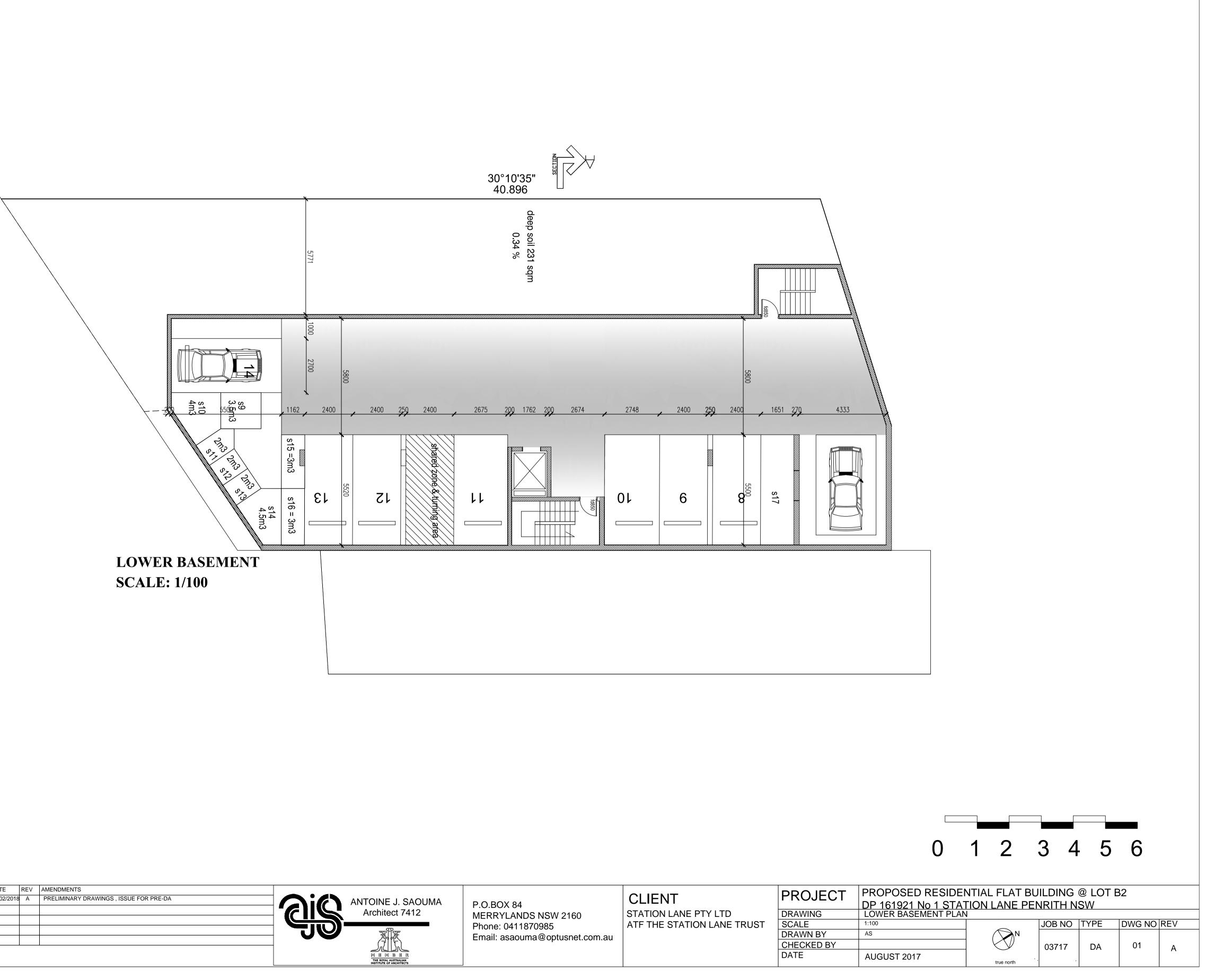
Gas Audio 1 Split / Unit 1 Lift

BUILDING EXTERIOR

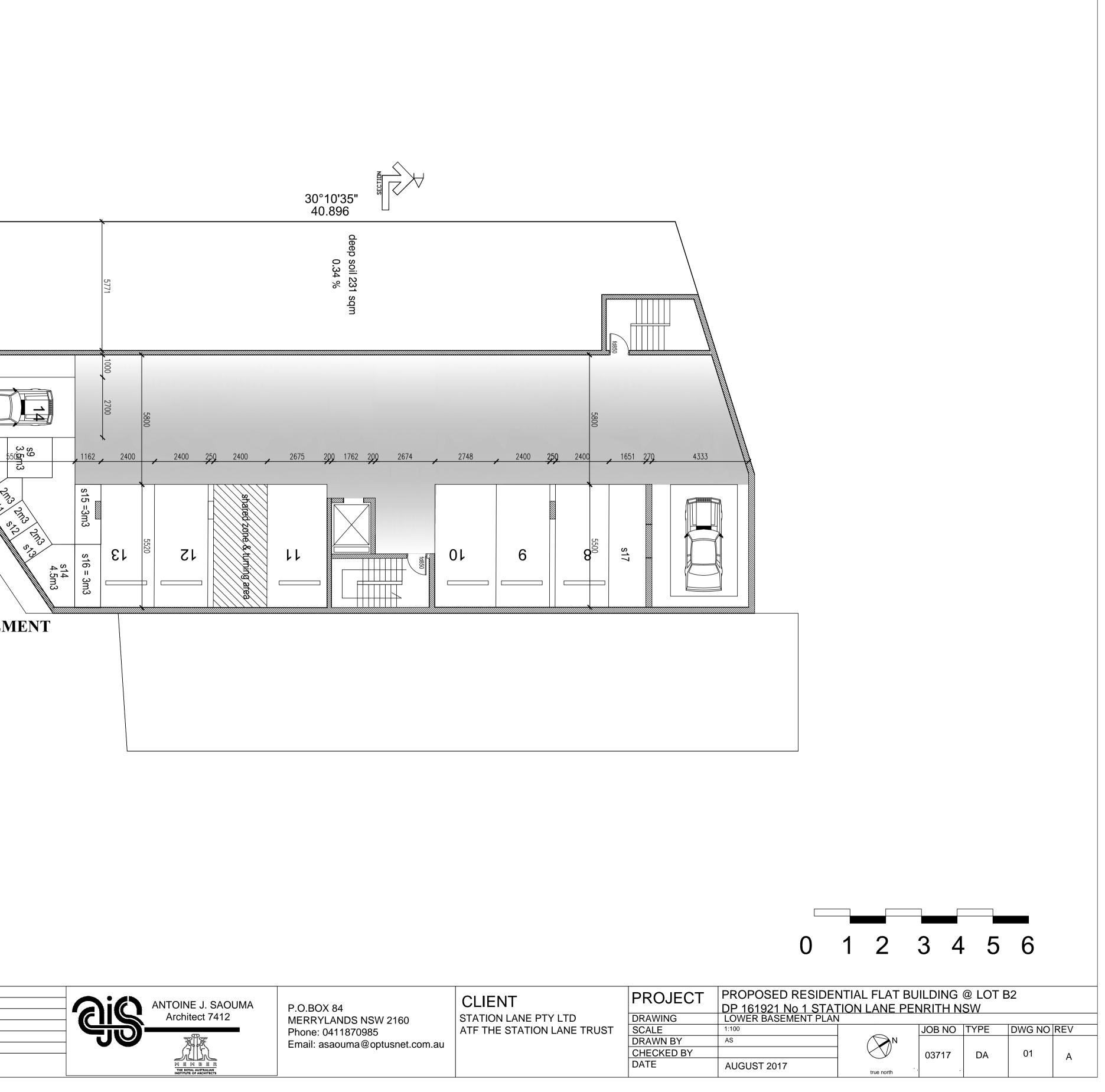
External walls Windows and sliding doors Handrails / balustrades Roof Main garage door Driveway / paths Letterboxes Refer to Architectural Drawings Powder-coat / aluminum framed Powder-coated metal / Glass infilled Refer to Architectural Drawings N/A Concrete Paving Powder-coated classic

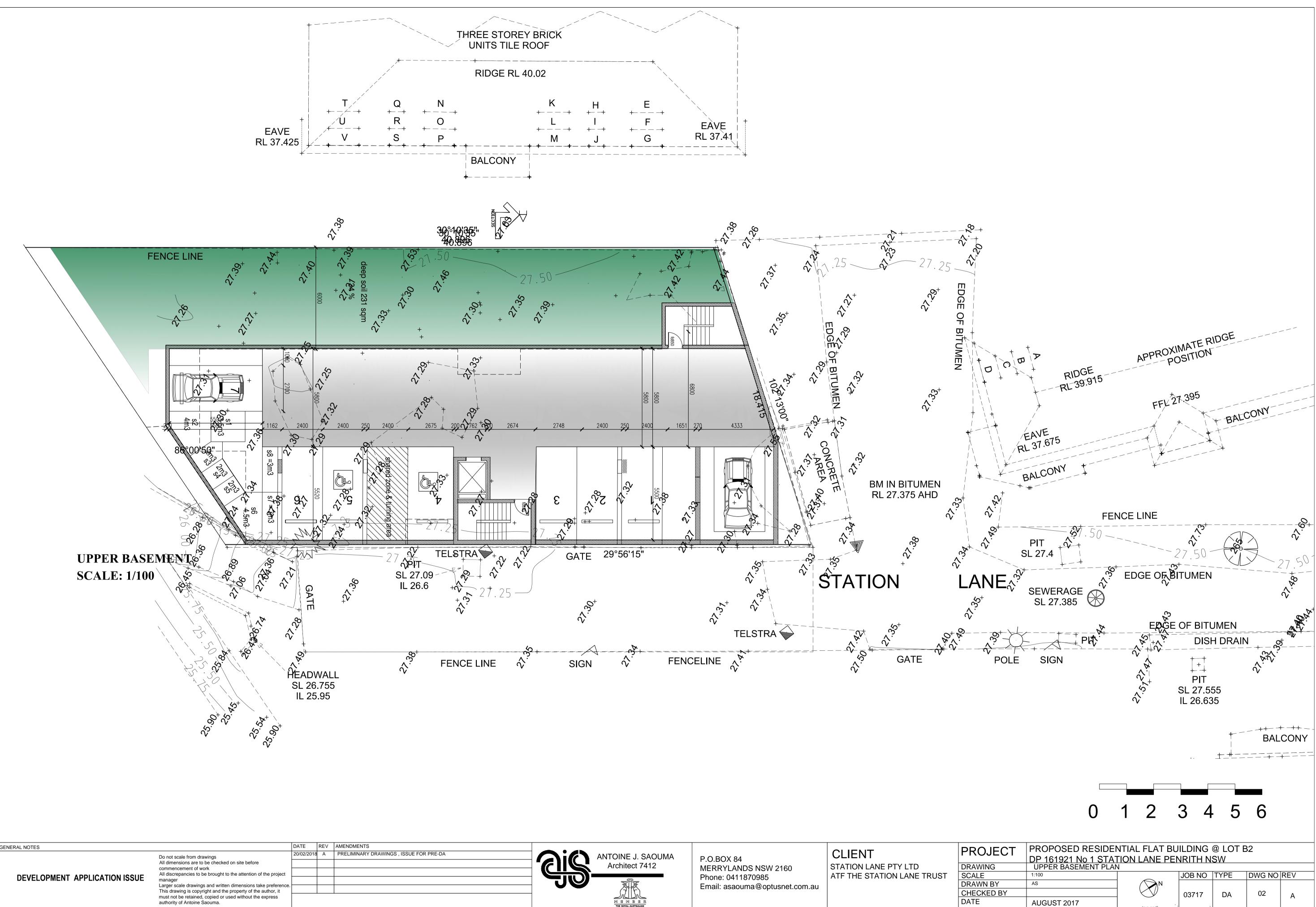
Construction Consultants (QS) 29/05/2018 2

Appendix D *Reduced Architectural Drawings*



GENERAL NOTES		DATE	REV	AMENDMENTS
	Do not scale from drawings	20/02/2018	3 A	PRELIMINARY DRAWINGS , ISSUE FOR PRE-DA
	All dimensions are to be checked on site before			
	commencement of work All discrepancies to be brought to the attention of the project manager Larger scale drawings and written dimensions take preference. This drawing is copyright and the property of the author, it must not be retained, copied or used without the express authority of Antoine Saouma.			
DEVELOPMENT APPLICATION ISSUE				

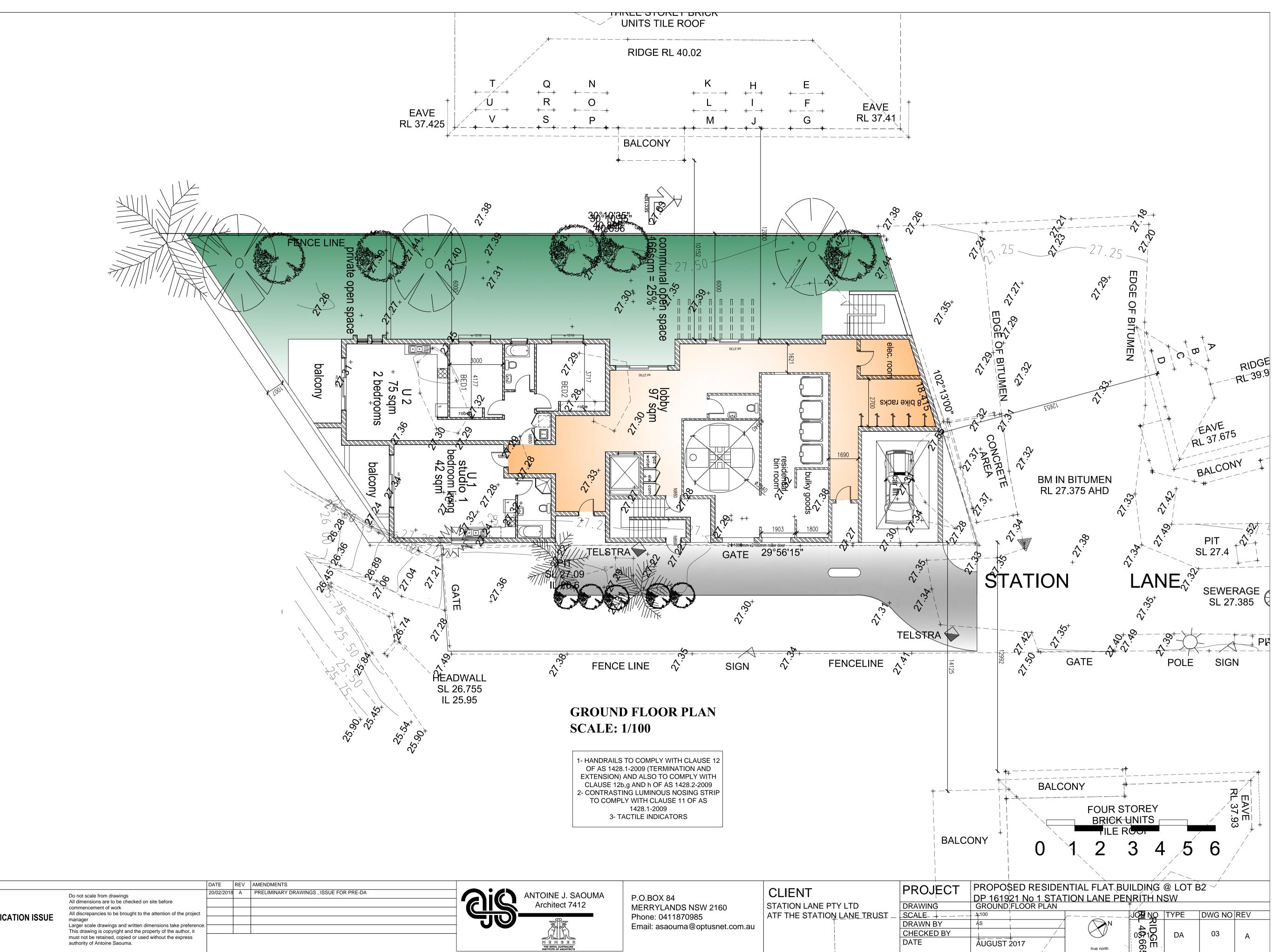




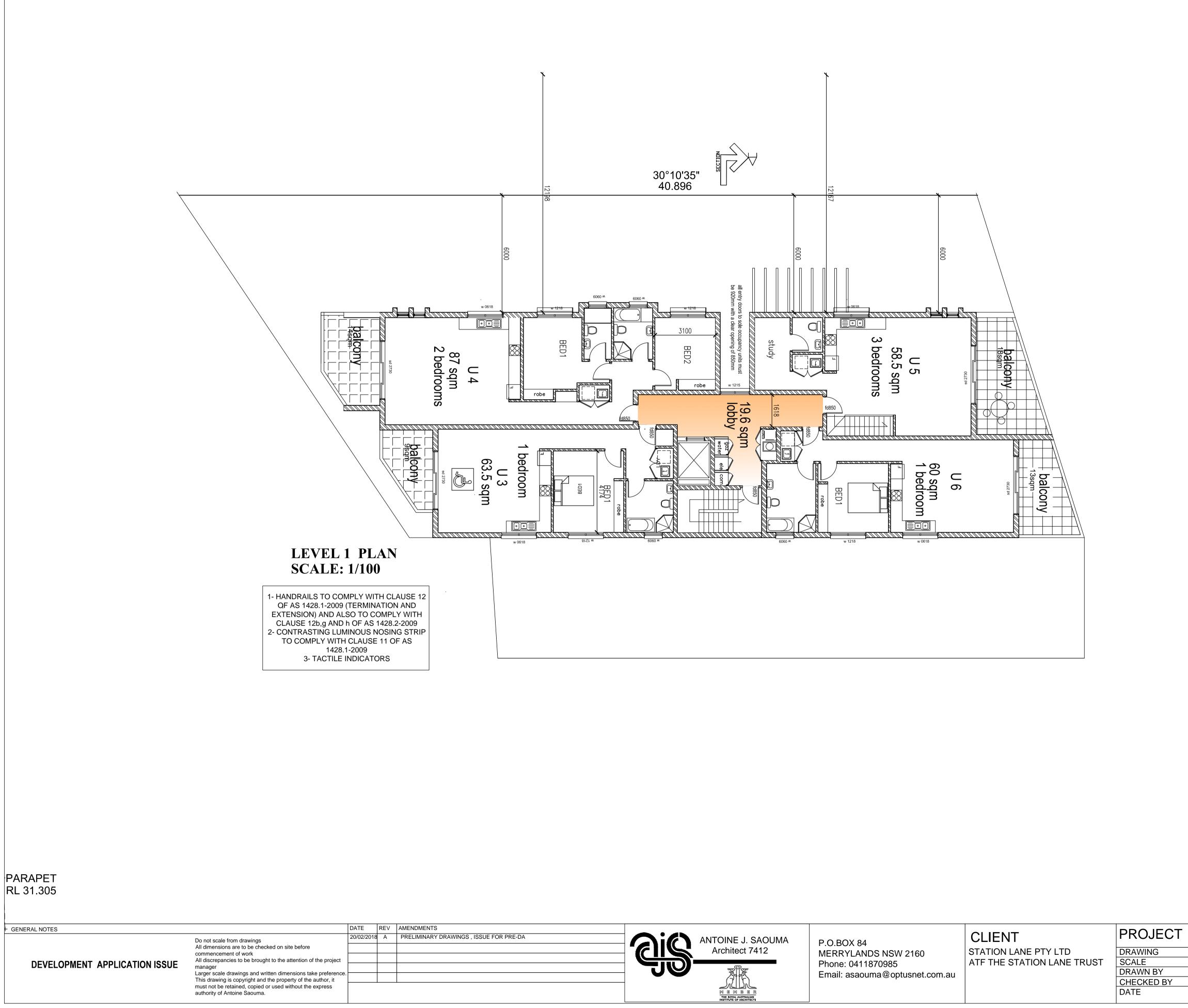
GENERAL NOTES		DATE	REV	AMENDMENTS
DEVELOPMENT APPLICATION ISSUE	Do not scale from drawings All dimensions are to be checked on site before commencement of work All discrepancies to be brought to the attention of the project manager Larger scale drawings and written dimensions take preference. This drawing is copyright and the property of the author, it must not be retained, copied or used without the express	20/02/2018		PRELIMINARY DRAWINGS , ISSUE FOR PRE-DA
	authority of Antoine Saouma.			



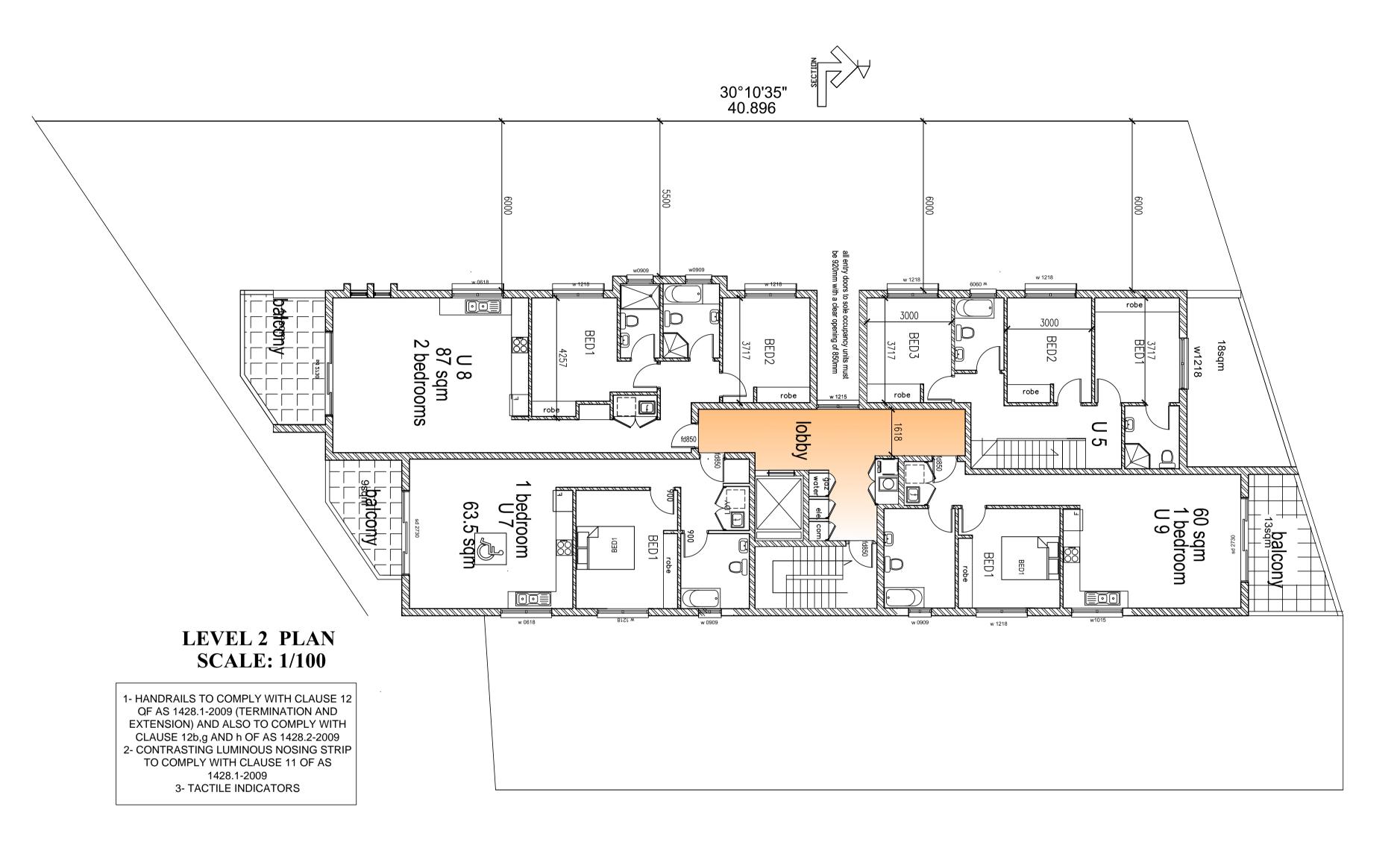
true north



	GENERAL NOTES		DATE	REV	AMENDMENTS
		Do not scale from drawings	20/02/2018	3 A	PRELIMINARY DRAWINGS, ISSUE FOR PRE-DA
		All dimensions are to be checked on site before			
	DEVELOPMENT APPLICATION ISSUE Commencement of work All discrepancies to be brought to the attention of the project manager Larger scale drawings and written dimensions take preference. This drawing is copyright and the property of the author, it must not be retained, copied or used without the express authority of Antoine Saouma.				
		Larger scale drawings and written dimensions take preference.			



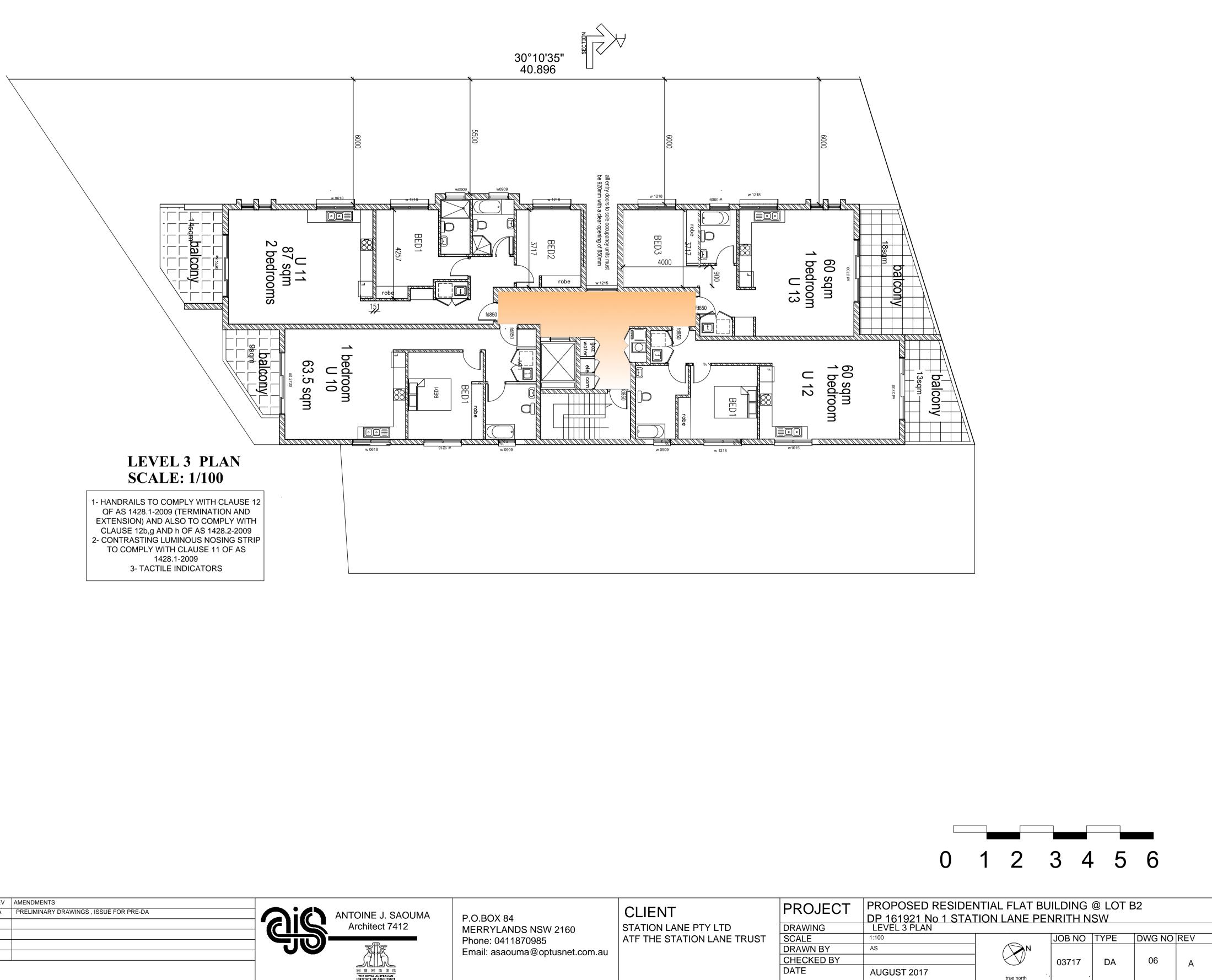
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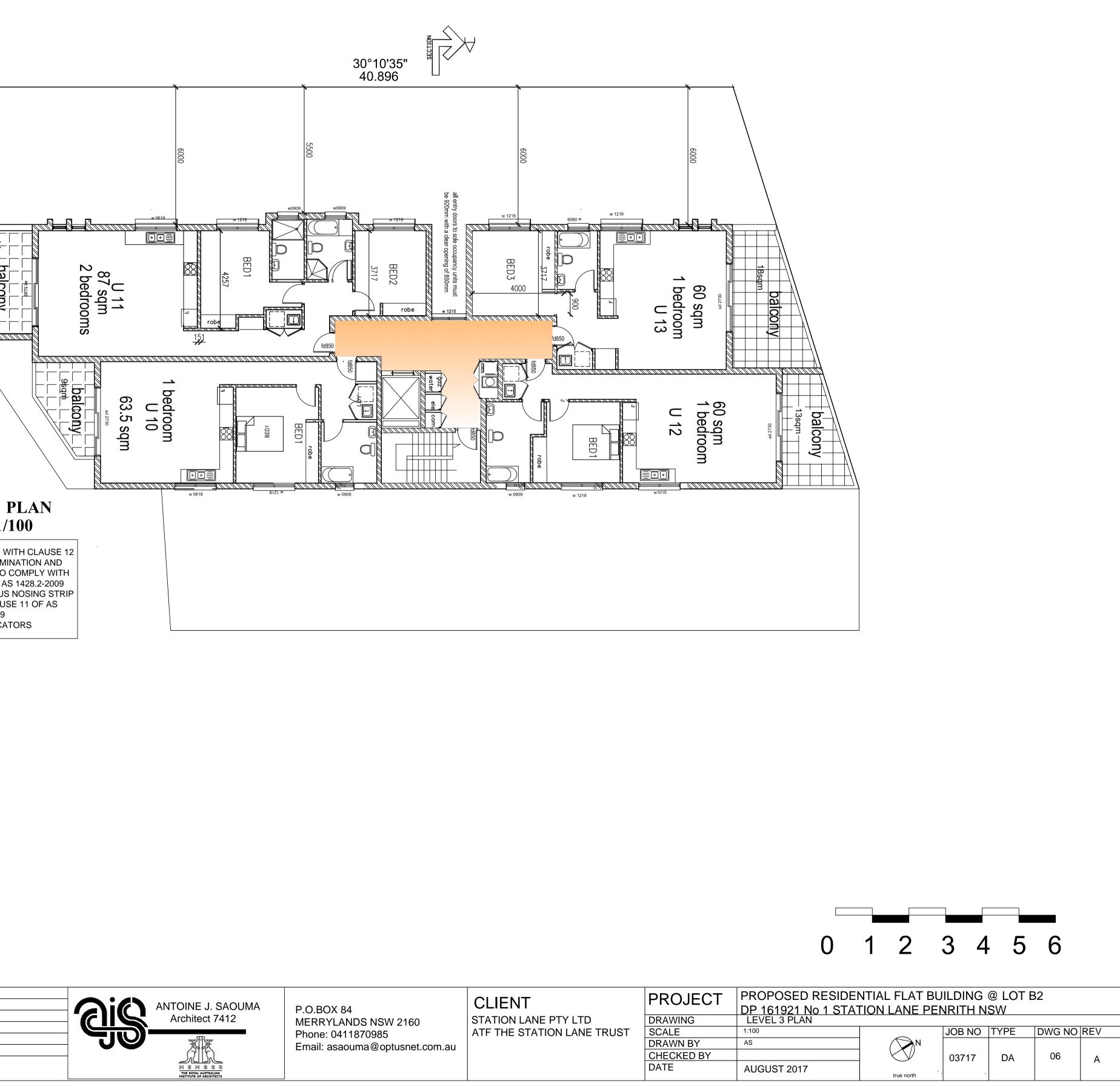
GENERAL NOTES		DATE	REV	AMENDMENTS
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GENERAL NOTES		DATE	REV	AMENDMENTS
DEVELOPMENT APPLICATION ISSUE	Do not scale from drawings All dimensions are to be checked on site before commencement of work All discrepancies to be brought to the attention of the project manager Larger scale drawings and written dimensions take preference. This drawing is copyright and the property of the author, it must not be retained, copied or used without the express authority of Antoine Saouma.	20/02/2018	3 A	PRELIMINARY DRAWINGS , ISSUE FOR PRE-DA

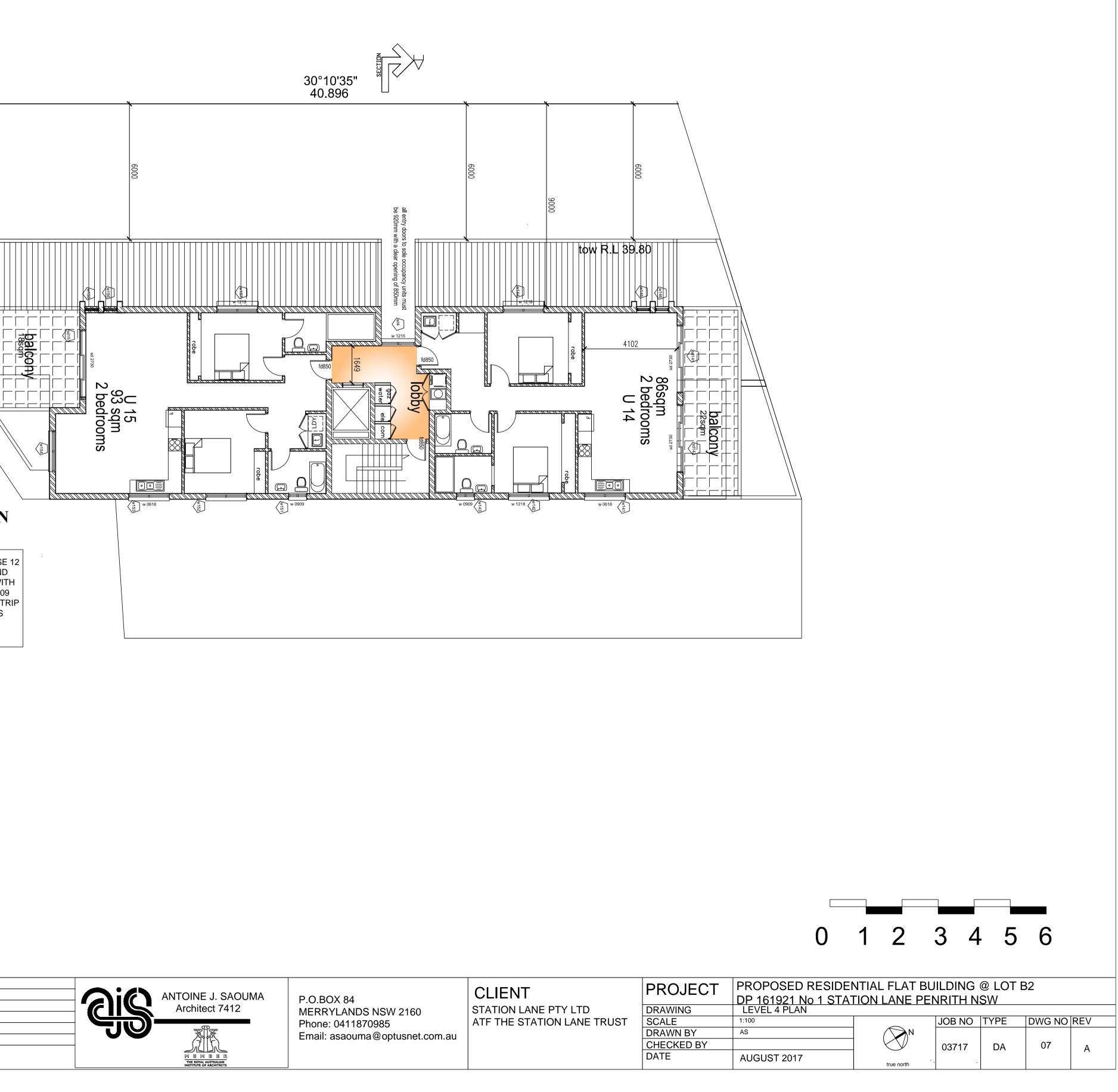


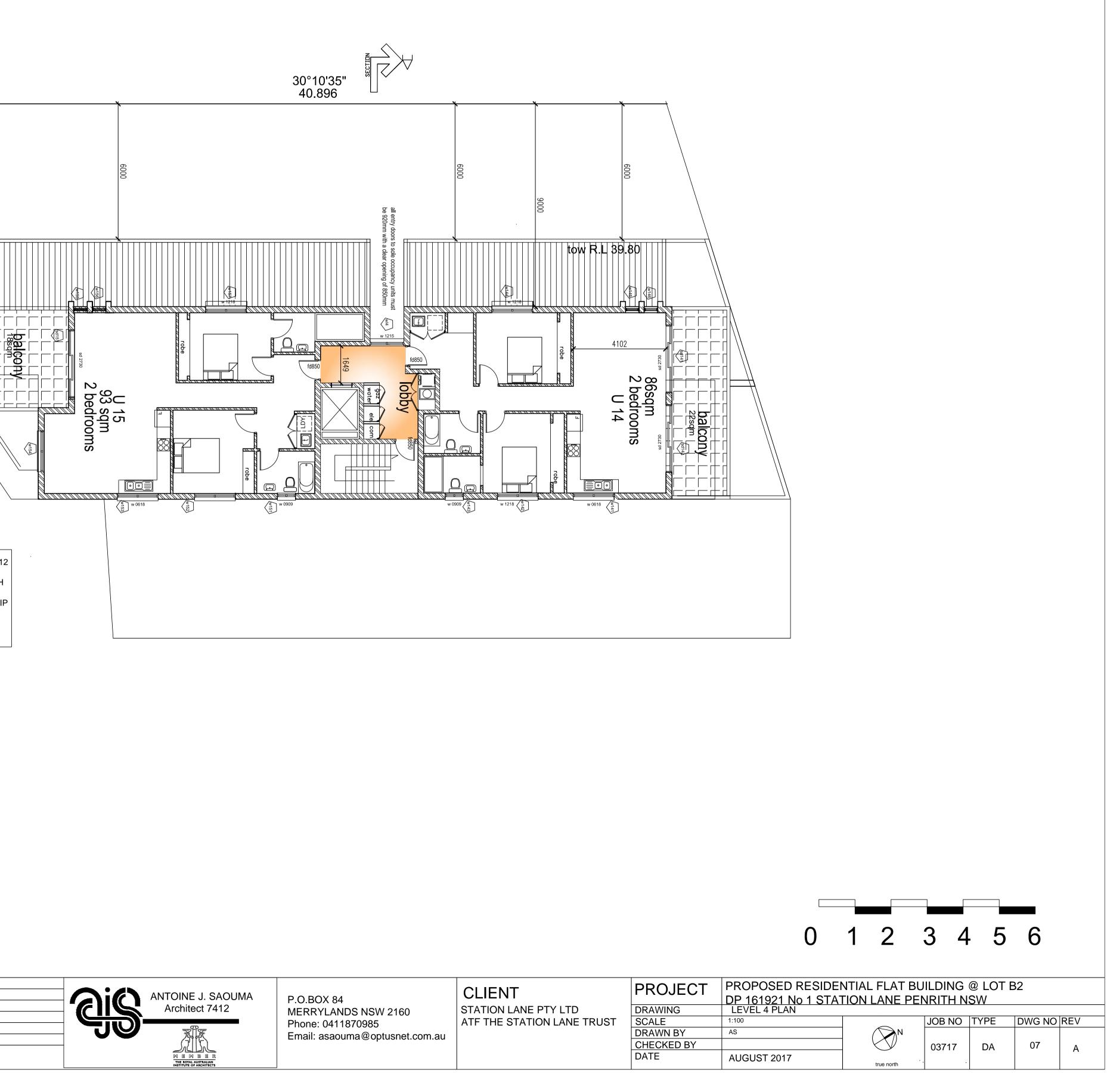
LEVEL 4 PLAN

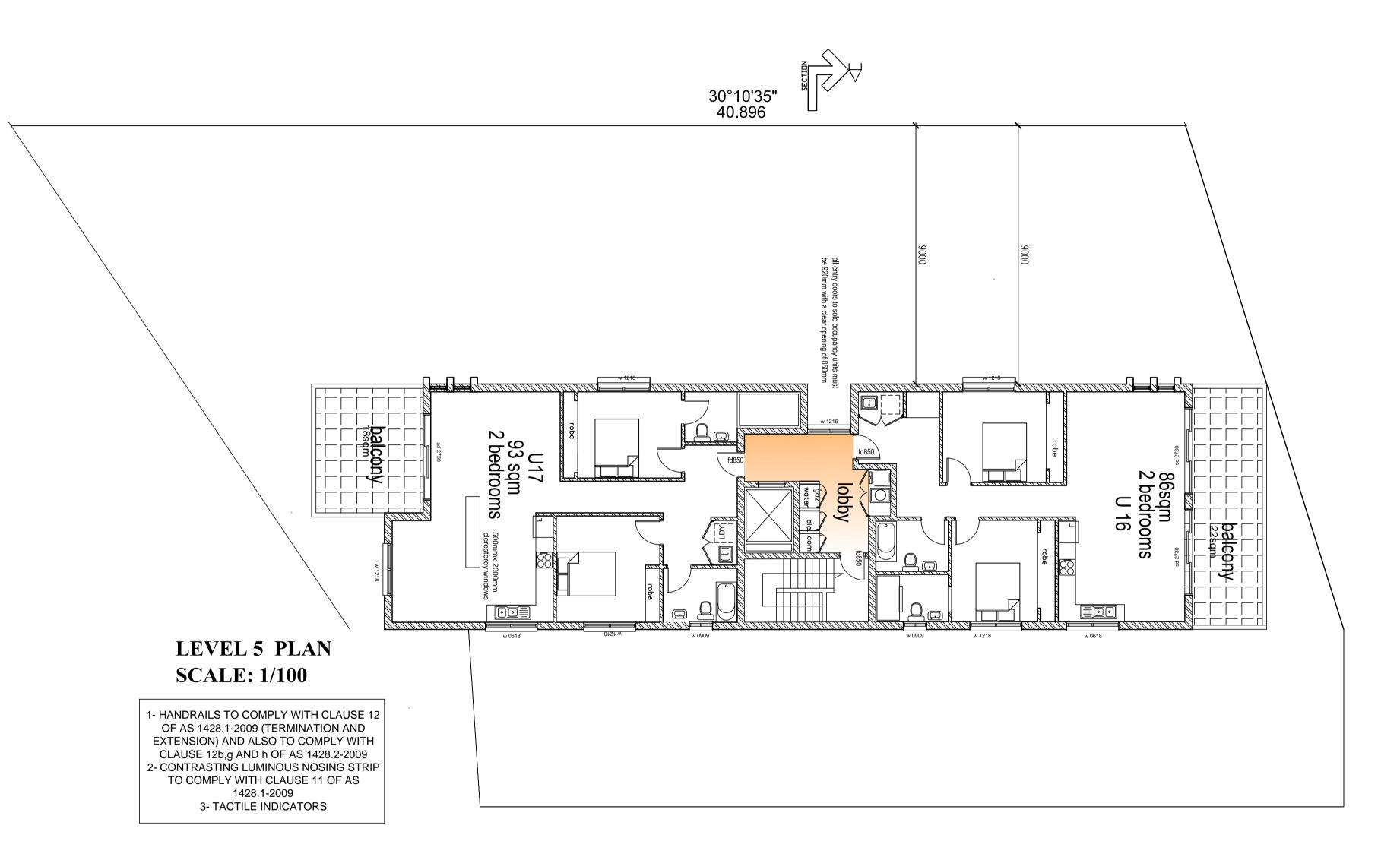
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1- HANDRAILS TO COMPLY WITH CLAUSE 12 QF AS 1428.1-2009 (TERMINATION AND EXTENSION) AND ALSO TO COMPLY WITH CLAUSE 12b,g AND h OF AS 1428.2-2009 2- CONTRASTING LUMINOUS NOSING STRIP TO COMPLY WITH CLAUSE 11 OF AS 1428.1-2009 3- TACTILE INDICATORS

GENERAL NOTES		DATE	REV	AMENDMENTS
DEVELOPMENT APPLICATION ISSUE	Do not scale from drawings All dimensions are to be checked on site before commencement of work All discrepancies to be brought to the attention of the project manager Larger scale drawings and written dimensions take preference. This drawing is copyright and the property of the author, it must not be retained, copied or used without the express authority of Antoine Saouma.	20/02/2018	A	PRELIMINARY DRAWINGS , ISSUE FOR PRE-DA







GE	NERAL NOTES		DATE	REV	AMENDMENTS
		Do not scale from drawings	20/02/2018	A	PRELIMINARY DRAWINGS , ISSUE FOR PRE-DA
		All dimensions are to be checked on site before commencement of work			
	DEVELOPMENT APPLICATIO	N ISSUE All discrepancies to be brought to the attention of the project manager			
		Larger scale drawings and written dimensions take preference. This drawing is copyright and the property of the author, it			
		must not be retained, copied or used without the express authority of Antoine Saouma.			



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