16a RUSKIN ROWE

NICK AND JENNY THOMPSON DEVELOPMENT APPLICATION

ALTERATIONS AND ADDITIONS TO AN EXISTING DWELLING INCLUDING A NEW POOL & ASSOCIATED LANDSCAPING

16a RUSKIN ROWE AVALON BEACH NSW 2107

DA DOCUMENTATION SCHEDULE

DWG NO.	SUBSET	TITLE	SCALE	REV.	DATE	STATUS
DA-000	COVER & SITE INFORMATION	COVER PAGE & DRAWING SCHEDULES	1:1	01	23/11/21	DA
DA-001	COVER & SITE INFORMATION	SITE PLAN	1:200	01	23/11/21	DA
DA-100	GENERAL ARRANGEMENT PLANS	LOWER GROUND FLOOR	1:100	01	23/11/21	DA
DA-101	GENERAL ARRANGEMENT PLANS	GROUND FLOOR	1:100	01	23/11/21	DA
DA-300	ELEVATIONS	NORTH ELEVATION	1:100	01	23/11/21	DA
DA-301	ELEVATIONS	EAST ELEVATION	1:100	01	23/11/21	DA
DA-302	ELEVATIONS	SOUTH ELEVATION	1:100	01	23/11/21	DA
DA-303	ELEVATIONS	WEST ELEVATION	1:100	01	23/11/21	DA
DA-400	SECTIONS	SECTION X	1:100	01	23/11/21	DA
DA-401	SECTIONS	SECTION Y	1:100	01	23/11/21	DA
DA-402	SECTIONS	SECTION Z	1:100	01	23/11/21	DA
DA-500	SITE STRATEGY PLANS	LANDSCAPE CONCEPT PLANS	1:200	01	23/11/21	DA
DA-501	SITE STRATEGY PLANS	SITE ANALYSIS PLANS	1:200	01	23/11/21	DA
DA-502	SITE STRATEGY PLANS	WASTE MANAGEMENT, EROSION & SEDIMENT CONTROL PLAN	1:200	01	23/11/21	DA
DA-900	SHADOW DIAGRAMS	SHADOWS JUNE 21 9AM	1:250	01	23/11/21	DA
DA-901	SHADOW DIAGRAMS	SHADOWS JUNE 21 12pm	1:250	01	23/11/21	DA
DA-902	SHADOW DIAGRAMS	SHADOWS JUNE 21 3PM	1:250	01	23/11/21	DA

EXTERNAL FINISHES







6 Timber Windows & Doors - White Paint Finish To







EXTERNAL FINISHES SCHEDULE

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NOTE: THESE DRAWINGS ARE NOT FOR CONSTRUCTION. FOR DA APPROVAL ONLY NOTE: DO NOT SCALE OFF THIS DRAWING NOTE: ALL WORKS TO BE IN ACCORDANCE WITH THE N.C.C. 2019 NOTE: ALL WORKS TO BE IN ACCORDANCE WITH THE RELEVANT AUSTRALIAN STANDARDS NOTE: ALL WORKS TO BE IN ACCORDANCE WITH THE BASK REQUIREMENTS

SCHEDULE OF BASIX COMMITMENTS

Certificate Number: A441280

Dated: 08/12/21

Pool & Spa

Rainwater Tank
The applicant must install a rainwater tank of at least 1585 litres on the site. This rainwater tank must meet, and be installed in accordance with, the requirements of all applicable regulatory authorities. The applicant must configure the rainwater tank to collect rainwater runoff from at least 236.14 square metres of roof area.
The applicant must connect the rainwater tank to a tap located within 10 metres of the edge of the pool.

Outdoor Swimming Pool
The swimming pool must be outdoors.
The swimming pool must not have a capacity greater than 51.4 kilolitres. The applicant must install a pool pump timer for the swimming pool. The applicant must not incorporate any heating system for the swimming pool that is part of this development.

Fixtures & Systems

Hot Water
The applicant must install the following hot water system in the development: gas instantaneous.

Lighting
The applicant must ensure a minimum of 40% of new or altered light fixtures are fitted with fluorescent, compact fluorescent, or light-emitting-diode (LED) lamps.

Fixtures
The applicant must ensure new or altered showerheads have a flow rate no greater than 9 litres per minute or a 3 star water rating.
The applicant must ensure new or altered toilets have a flow rate no greater than 4 litres per average flush or a minimum 3 star water rating. The applicant must ensure new or altered taps have a flow rate no greater than 9 litres per minute or minimum 3 star water rating.

Construction	Additional Insulation	Other Specifications
Concrete slab on ground:	nil	-
Suspended floor above garage: framed (R0.7)	nil	
External wall: cavity brick	nil	-
External wall: framed (weatherboard, fibro, metal clad)	R1.30 (or R1.70 including construction)	-
Internal wall shared with garage: plasterboard (R0.36)	nil	-
Flat ceiling, flat roof: framed	ceiling:R2.50 (up), roof: foil/sarking	medium (solar absorptance)

Glazing Requirements

Window & Glazed Doors
The applicant must install the windows, glazed doors and shading devices, in accordance with the specifications listed in the table below.
Relevant overshadowing specifications must be satisfied for each window and glazed door.

The following requirements must also be satisfied in relation to each window and glazed door:
-Each window or glazed door with standard aluminium or timber frames and single clear or toned glass may either match the description, or, have a U-value and a Solar Heat Gain Coefficient (SHGC) no greater than that listed in the table below. Total system U-values and SHGCs must be calculated in accordance with National Fenestration Rating Council (NFRC) conditions.
- For projections described in millimetres, the leading edge of each eave, pergola, verandah, balcony or awning must be no more than 500 mm above the head of the window or glazed door and no more than 2400 mm above the sill.

AVALON BEACH, NSW

Pergolas with polycarbonate roof or similar translucent material must have a shading coefficient of less than 0.35.

Pergolas with projection also shades a perpendicular window. The spacing between battens must have battens must have battens parallel to the window or glazed door above which they are situated, unless the pergola also shades a perpendicular window. The spacing between battens must

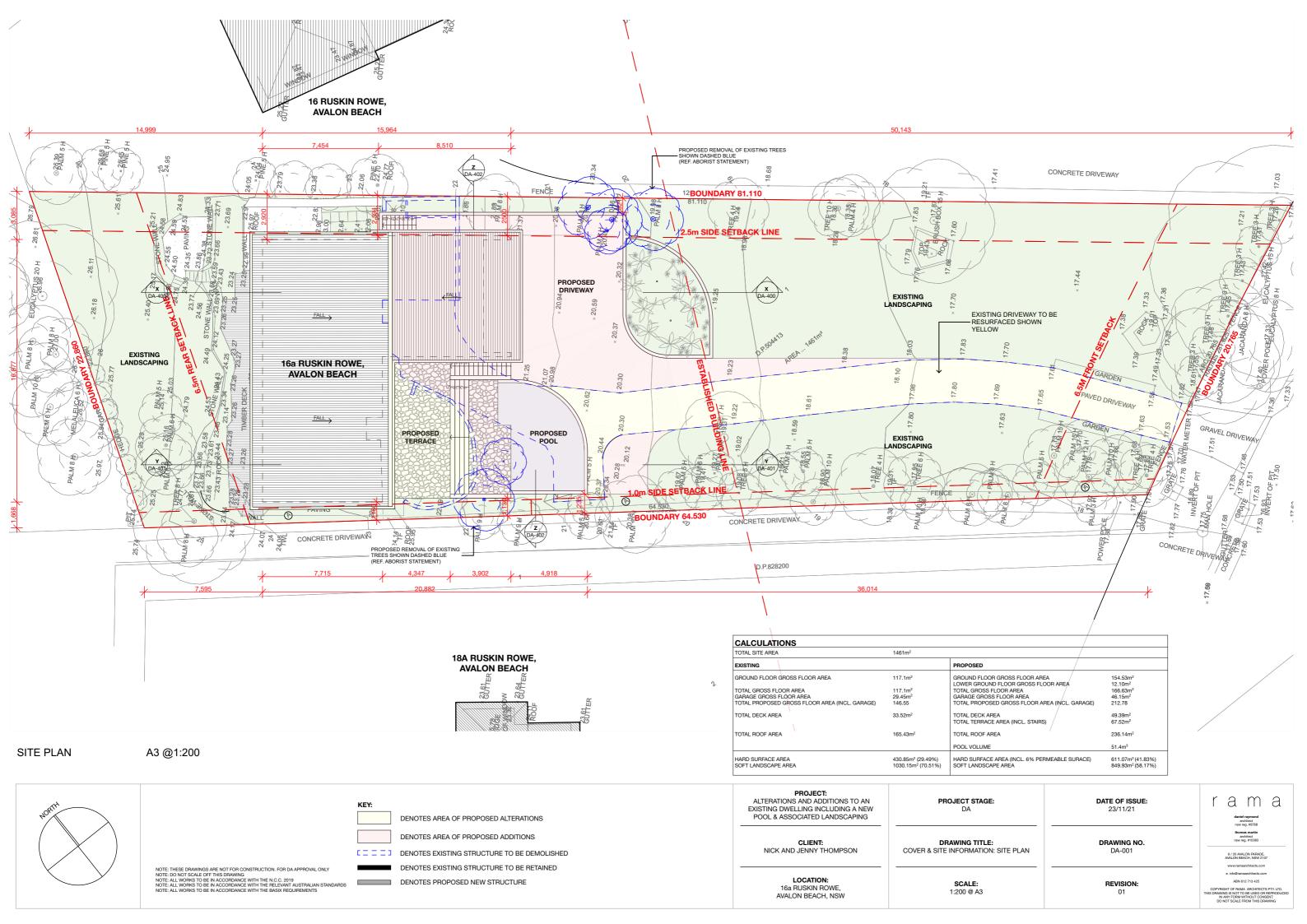
Window / door no. W2 W3 W4	Orientation SW NE SE	Area of Glass inc. frame (m2) 1.97 1.97 1.75	Overshadowing 0.0 0.0 0.0	Shading Device eave/verandah/pergola/balcony >=750 mm awning (Adjustable) >=900mm eave/verandah/pergola/balcony >=900 mm	Frame & Glass Type timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66) timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66) timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66)
D01	SE	2.64	0.0	eave/verandah/pergola/balcony >=900 mm	timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66) timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66) timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66)
D02	SE	3.68	0.0	eave/verandah/pergola/balcony >=900 mm	
D03	SE	5.04	0.0	eave/verandah/pergola/balcony >=900 mm	

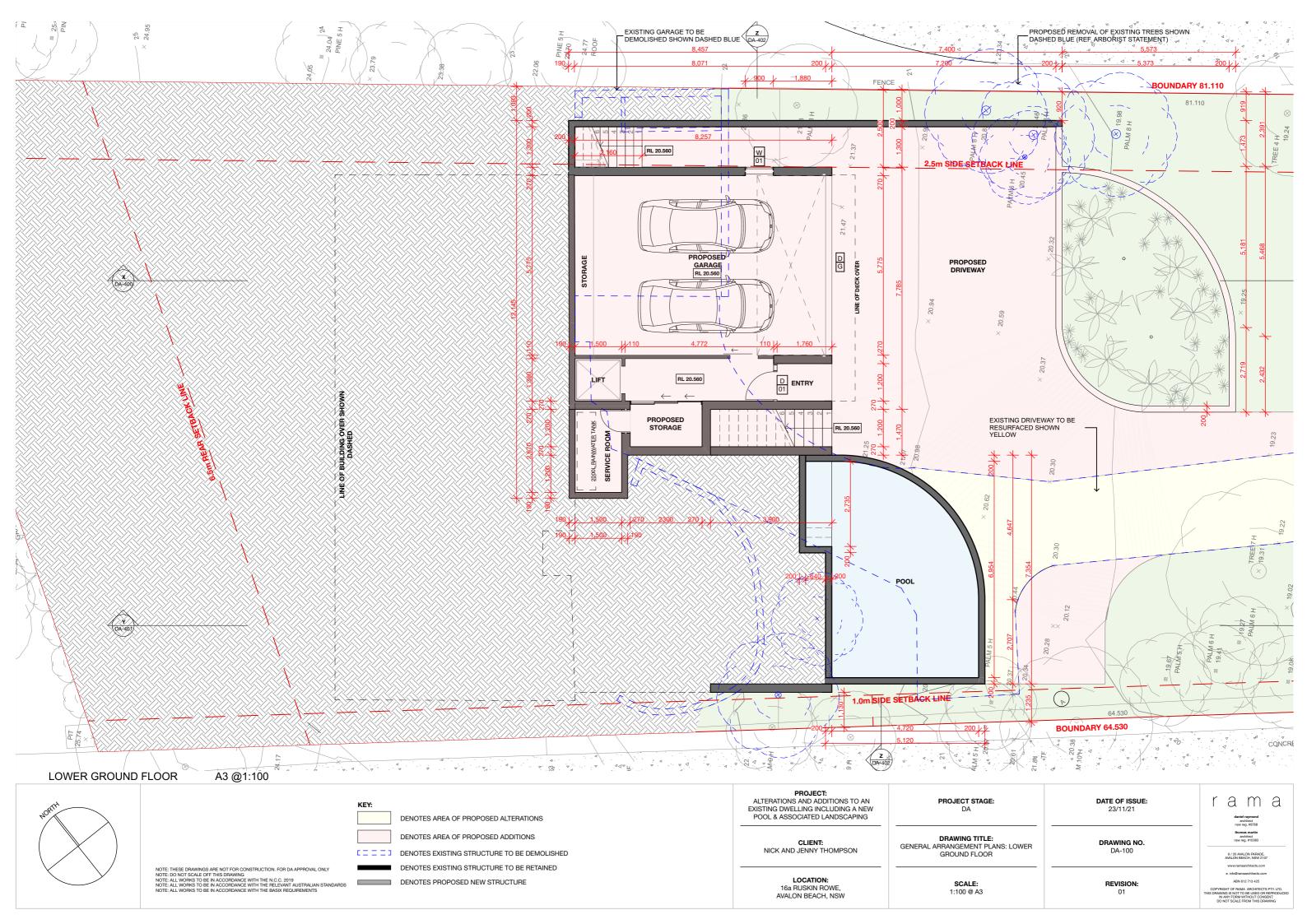
PROJECT: ALTERATIONS AND ADDITIONS TO AN PROJECT STAGE: DATE OF ISSUE: ama EXISTING DWELLING INCLUDING A NEW 23/11/21 POOL & ASSOCIATED LANDSCAPING daniel raymond architect nsw reg. #9788 thomas martin architect nsw reg. #10383 DRAWING TITLE: CLIENT: DRAWING NO. COVER & SITE INFORMATION: COVER PAGE & DRAWING SCHEDULES NICK AND JENNY THOMPSON DA-000 LOCATION: 16a RUSKIN ROWE,

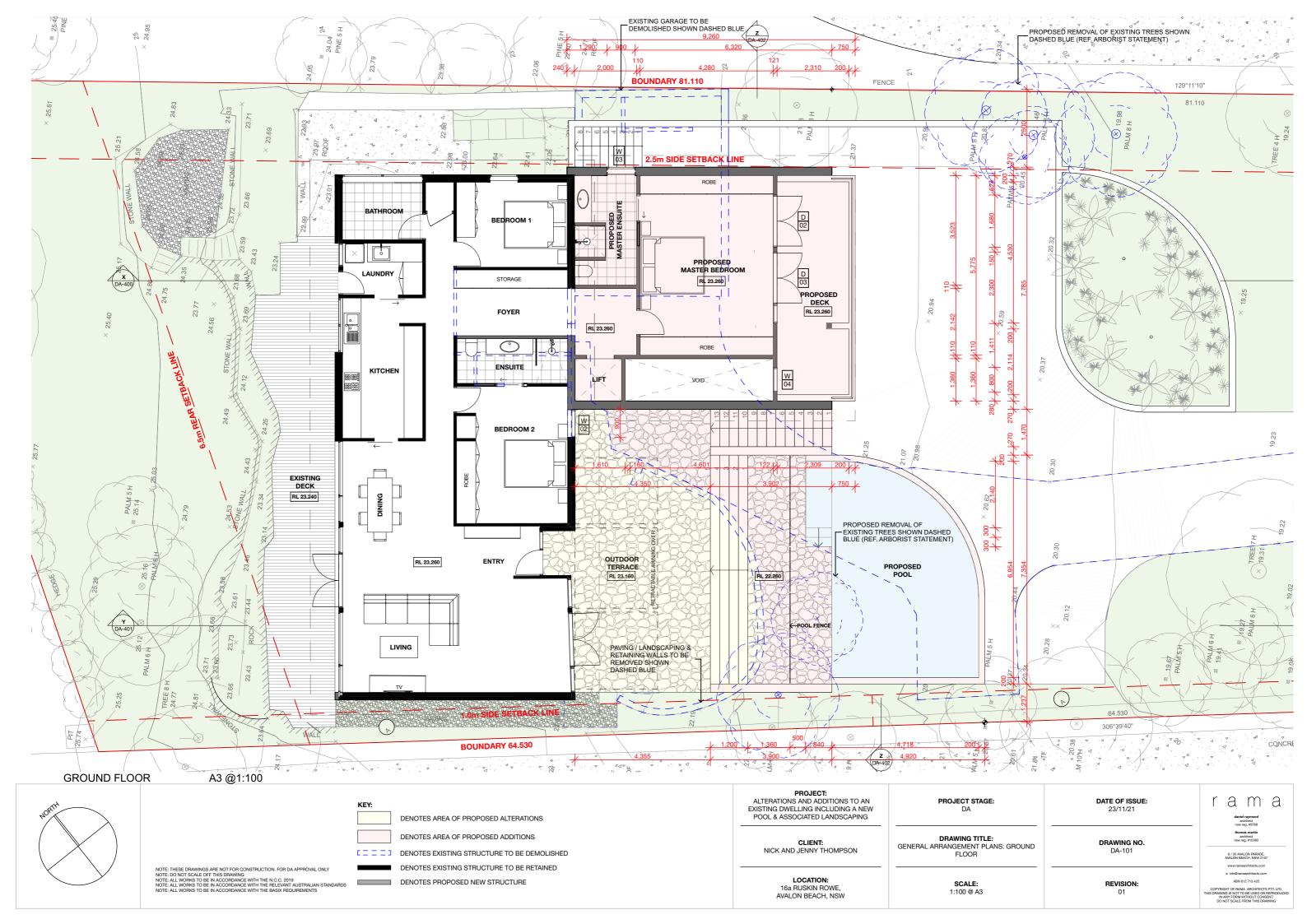
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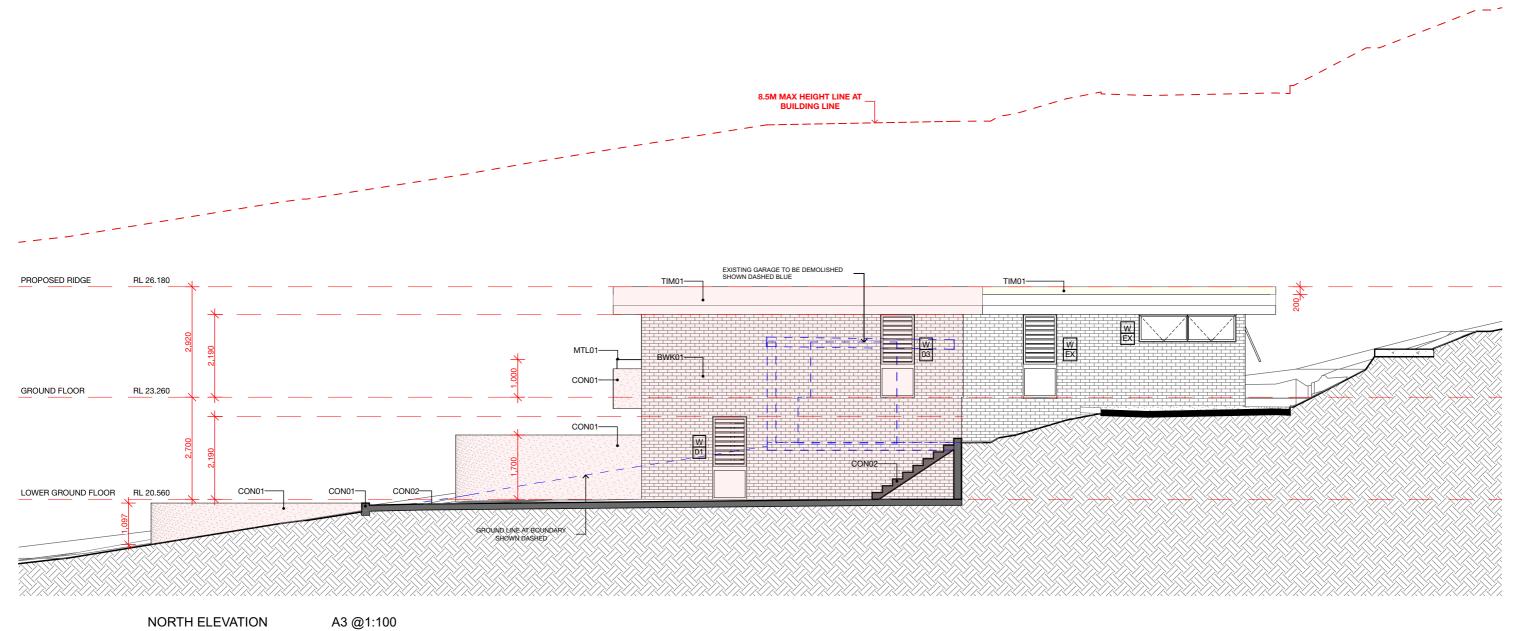
REVISION:

6 / 20 AVALON PARADE, AVALON BEACH, NSW 2107 e. info@ramaarchitects.com

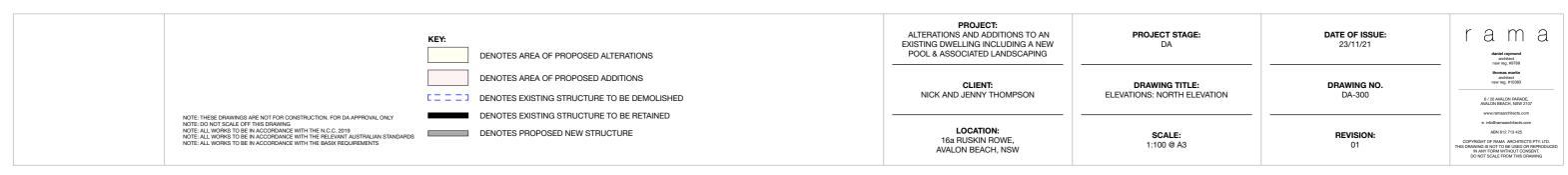


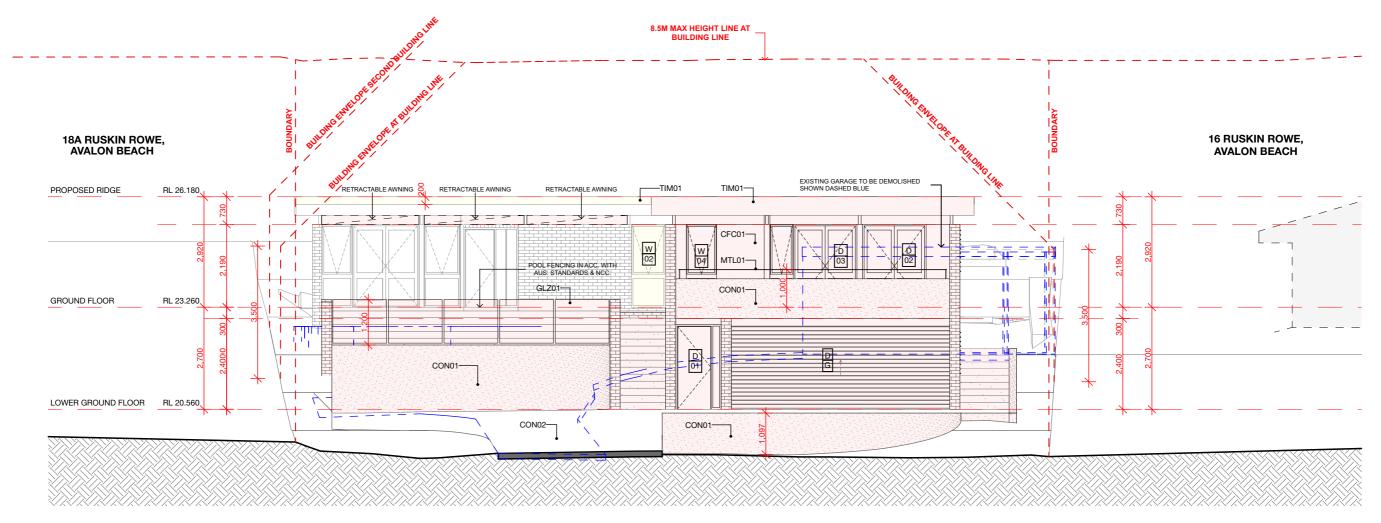






MATERIALS SCHEDULE				
ID	DESCRIPTION			
D	TIMBER FRAMED DOOR - WHITE PAINT FINISH TO MATCH EXISTING			
W	TIMBER FRAMED WINDOW - WHITE PAINT FINISH TO MATCH EXISTING			
BWK01	BRICKWORK - WHITE PAINT FINISH TO MATCH EXISTING			
CFC01	FIBER CEMENT SHEET - WHITE PAINT FINISH TO MATCH EXISTING			
CON01	CONCRETE - RENDER & WHITE PAINT FINISH TO MATCH EXISTING			
CON02	CONCRETE - NATURAL FINISH			
TIM01	TIMBER - WHITE PAINT FINISH TO MATCH EXISTING			
MTL01	METAL RAILING - WHITE POWDERCOAT FINISH TO MATCH EXSTING			
MRF01	METAL ROOF SHEETING - MID-TONE FINISH			
GLZ01	GLASS POOL BALUSTRADING			

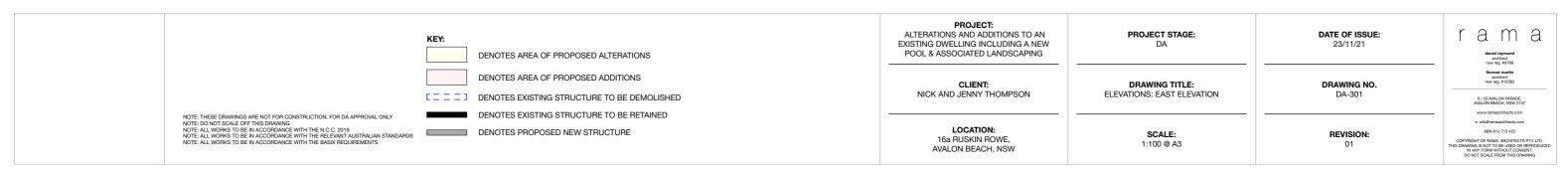


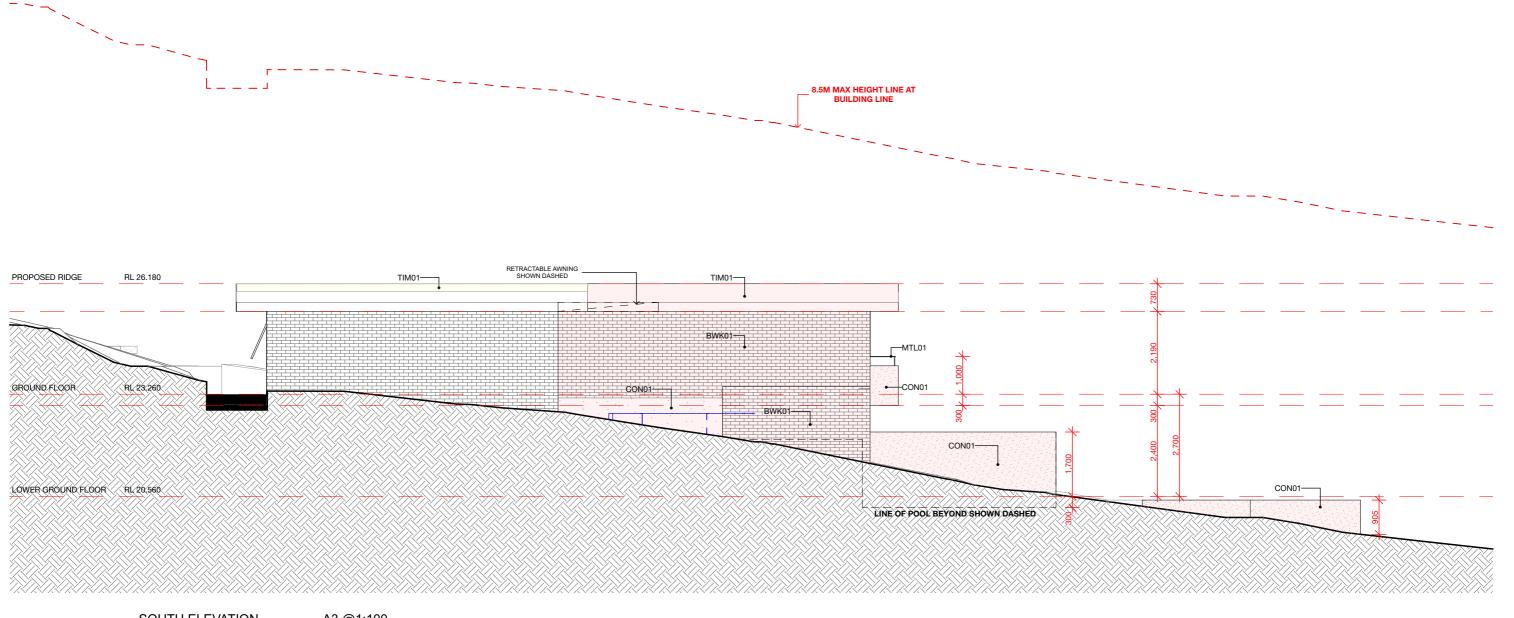


EAST ELEVATION

A3 @1:100

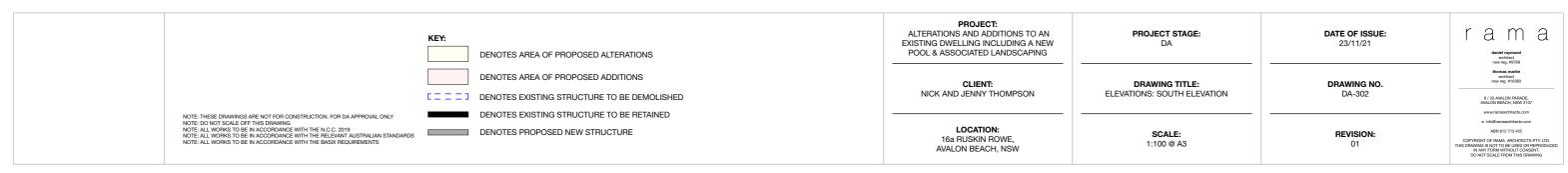
MATERIALS SCHEDULE				
ID	DESCRIPTION			
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W	TIMBER FRAMED WINDOW - WHITE PAINT FINISH TO MATCH EXISTING			
BWK01	BRICKWORK - WHITE PAINT FINISH TO MATCH EXISTING			
CFC01	FIBER CEMENT SHEET - WHITE PAINT FINISH TO MATCH EXISTING			
CON01	CONCRETE - RENDER & WHITE PAINT FINISH TO MATCH EXISTING			
CON02	CONCRETE - NATURAL FINISH			
TIM01	TIMBER - WHITE PAINT FINISH TO MATCH EXISTING			
MTL01	METAL RAILING - WHITE POWDERCOAT FINISH TO MATCH EXSTING			
MRF01	METAL ROOF SHEETING - MID-TONE FINISH			
GLZ01	GLASS POOL BALUSTRADING			

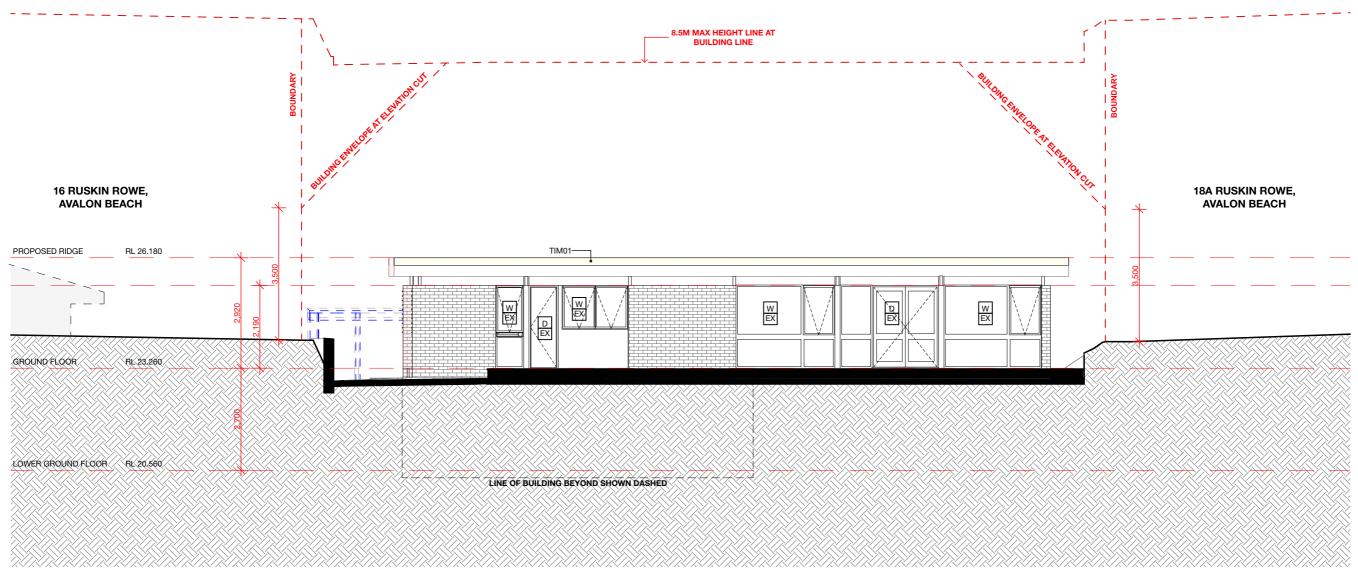




SOUTH ELEVATION A3 @1:100

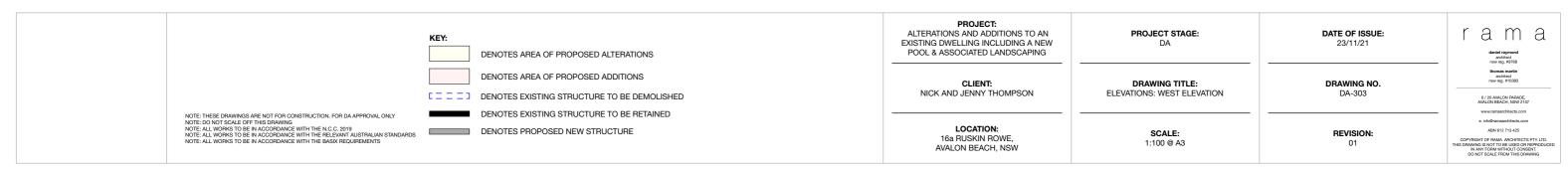
MATERIALS SCHEDULE			
ID	DESCRIPTION		
D	TIMBER FRAMED DOOR - WHITE PAINT FINISH TO MATCH EXISTING		
W	TIMBER FRAMED WINDOW - WHITE PAINT FINISH TO MATCH EXISTING		
BWK01	BRICKWORK - WHITE PAINT FINISH TO MATCH EXISTING		
CFC01	FIBER CEMENT SHEET - WHITE PAINT FINISH TO MATCH EXISTING		
CON01	CONCRETE - RENDER & WHITE PAINT FINISH TO MATCH EXISTING		
CON02	CONCRETE - NATURAL FINISH		
TIM01	TIMBER - WHITE PAINT FINISH TO MATCH EXISTING		
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MRF01	METAL ROOF SHEETING - MID-TONE FINISH		
GLZ01	GLASS POOL BALUSTRADING		

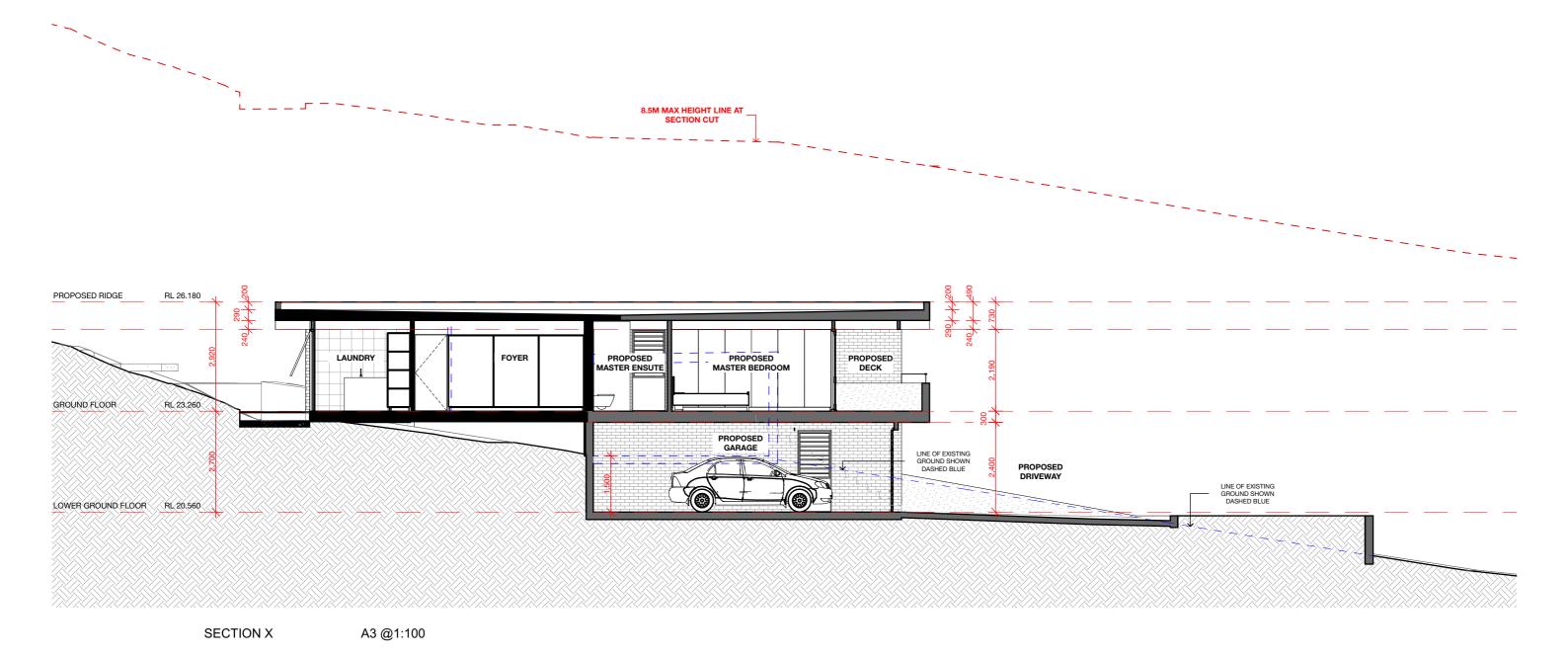


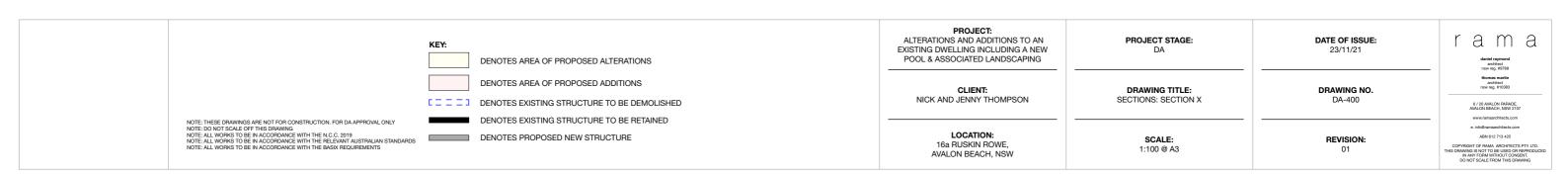


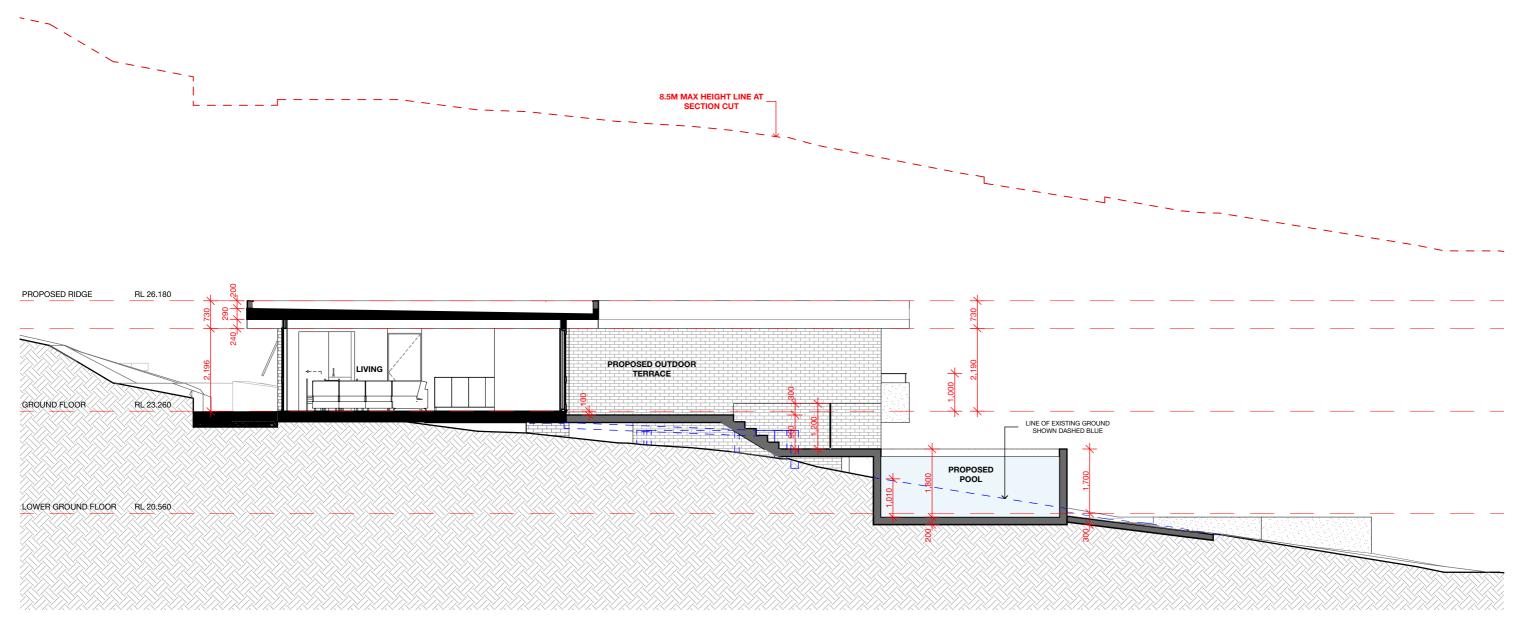
WEST ELEVATION A3 @1:100

MATERIALS SCHEDULE				
ID	DESCRIPTION			
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W	TIMBER FRAMED WINDOW - WHITE PAINT FINISH TO MATCH EXISTING			
BWK01	BRICKWORK - WHITE PAINT FINISH TO MATCH EXISTING			
CFC01	FIBER CEMENT SHEET - WHITE PAINT FINISH TO MATCH EXISTING			
CON01	CONCRETE - RENDER & WHITE PAINT FINISH TO MATCH EXISTING			
CON02	CONCRETE - NATURAL FINISH			
TIM01	TIMBER - WHITE PAINT FINISH TO MATCH EXISTING			
MTL01	METAL RAILING - WHITE POWDERCOAT FINISH TO MATCH EXSTING			
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GLZ01	GLASS POOL BALUSTRADING			

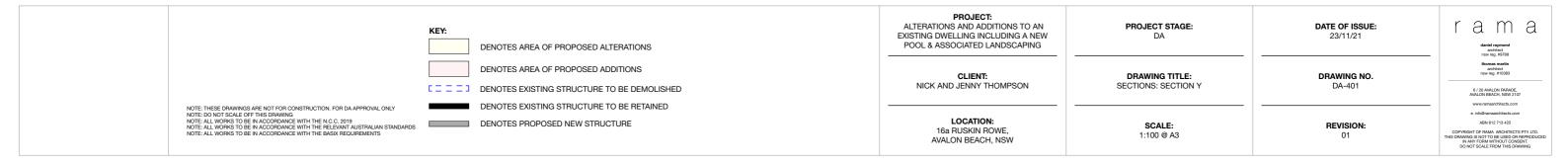


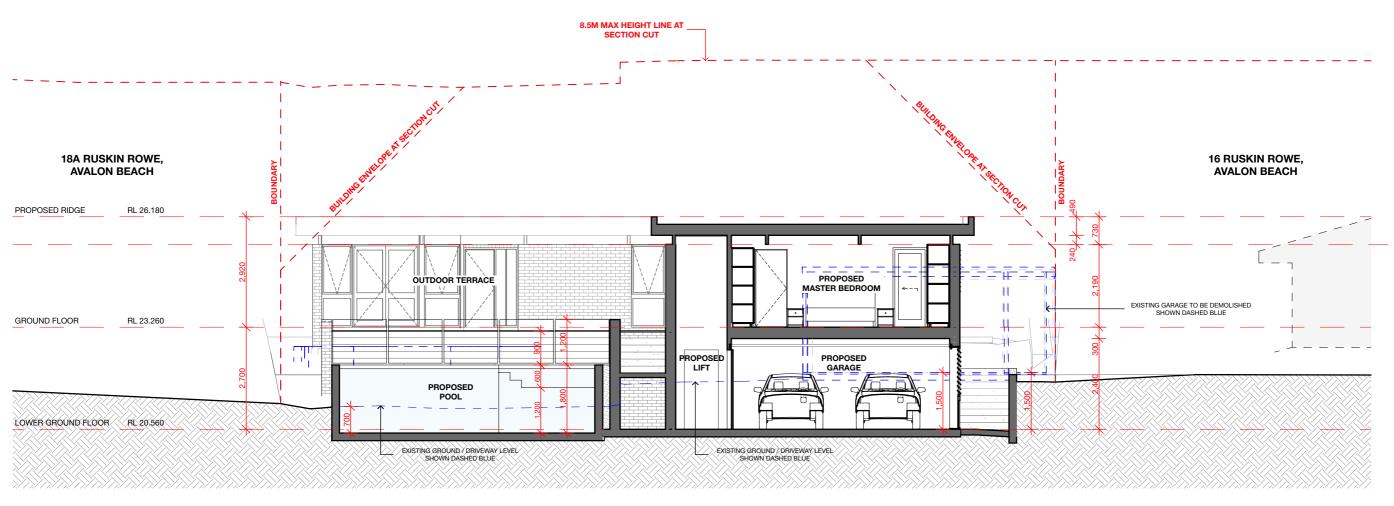




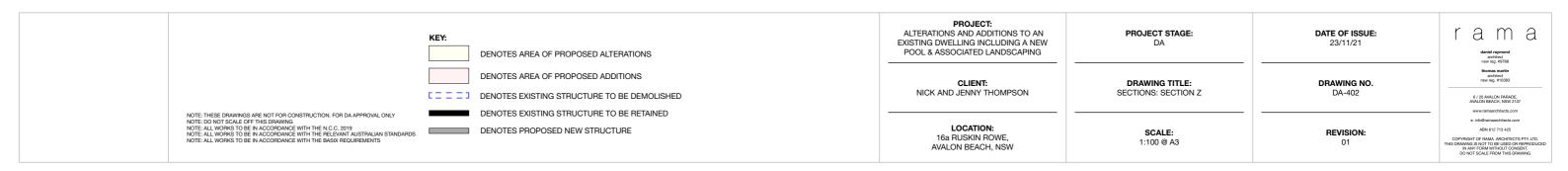


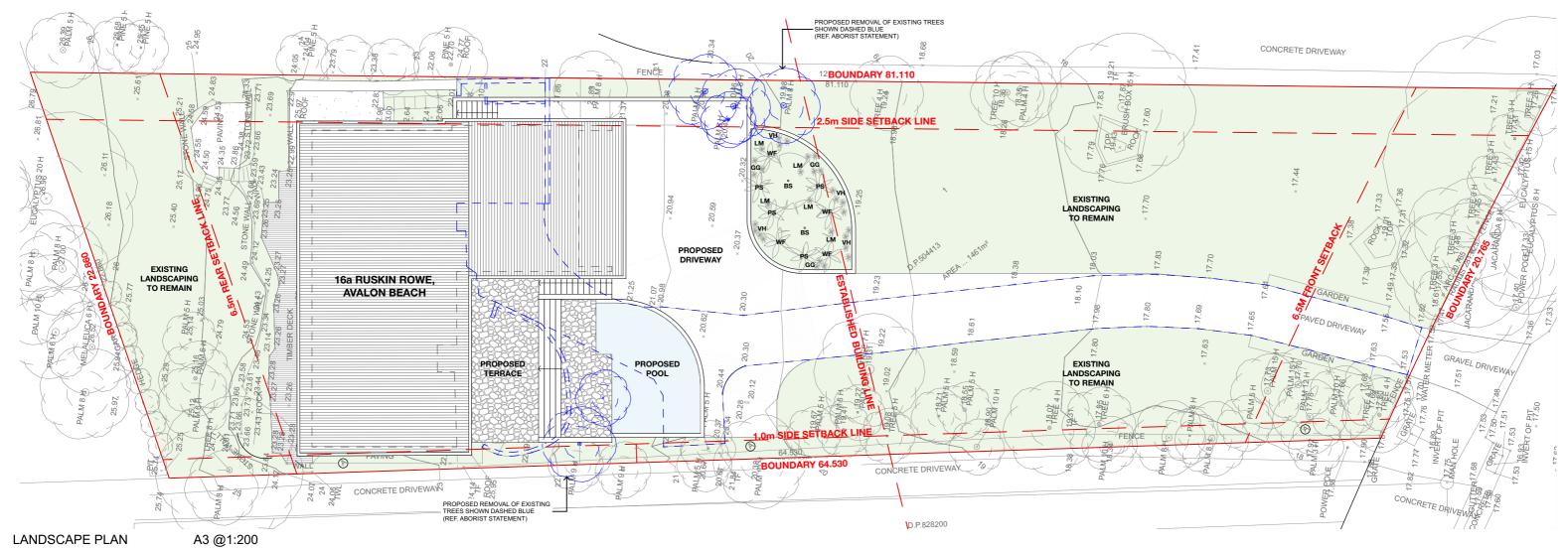
SECTION Y A3 @1:100





SECTION Z A3 @1:100





LANDSCAPE LEGEND	LANDSCAPE LEGEND					
ID	DESCRIPTION					
	PROPOSED FEATURE TREE					
mining.	PROPOSED SCREENING PLANTS					
\bigcirc	PROPOSED SHRUBS					
*	PROPOSED FEATURE PLANT					
**	PROPOSED GRASSES AND GROUNDS COVERS					
	PROPOSED LANDSCAPED AREA					
	PROPOSED POOL AREA					

CALCULATIONS				
TOTAL SITE AREA	1461m²			
EXISTING		PROPOSED		
GROUND FLOOR GROSS FLOOR AREA	117.1m ²	GROUND FLOOR GROSS FLOOR AREA LOWER GROUND FLOOR GROSS FLOOR AREA	154.53m ² 12.10m ²	
TOTAL GROSS FLOOR AREA	117.1m ²	TOTAL GROSS FLOOR AREA	166.63m ²	
GARAGE GROSS FLOOR AREA	29.45m ²	GARAGE GROSS FLOOR AREA	46.15m ²	
TOTAL PROPOSED GROSS FLOOR AREA (INCL. GARAGE)	146.55	TOTAL PROPOSED GROSS FLOOR AREA (INCL. GARAGE)	212.78	
TOTAL DECK AREA	33.52m ²	TOTAL DECK AREA	49.39m²	
		TOTAL TERRACE AREA (INCL. STAIRS)	67.52m ²	
TOTAL ROOF AREA	165.43m²	TOTAL ROOF AREA	236.14m ²	
		POOL VOLUME	51.4m ³	
HARD SURFACE AREA SOFT LANDSCAPE AREA	430.85m ² (29.49%) 1030.15m ² (70.51%)	HARD SURFACE AREA (INCL. 6% PERMEABLE SURACE) SOFT LANDSCAPE AREA	611.07m ² (41.83%) 849.93m ² (58.17%)	

PLANT SCHEDULE					
ID	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	
TREES					
BS	2	BANKSIA SERRATE	OLD MAN BANKSIA	100L	
SHRUBS	S/ACCENTS				
PR	0	PITTOSPORUM REVOLUTUM	ROUGH FRUIT PITTOSPORUM	300MM	
WF	5	WESTRINGA FRUTICOSA	COSTAL ROSEMARY	300MM	
PS	4	POLYSCIAS SAMBUCIFOLIA	ELDERBERRY PANAZ	300MM	
GRASSE	ES/GROUND COV	<u>'ERS</u>			
LM	6	LOMANDRA LONGIFOLIA	SPINY-HEADED MAT RUSH	140MM	
GG	10	HIBERTIA SCANDENS	GOLDEN GUINEA FLOWER	140MM	
VH	15	VIOLA HEDERACEA	NATIVE VIOLET	140MM	

LANDSCAPE CONSTRUCTION NOTES

All trees nominated to be retained are to be protected throughout the duration of the demolition and construction periods. All tree protection enclosures must be established prior to commencement of demolition works and shall comprise a fence enclosure around the TPZ of the tree. The project Arborist must be present to supervise any excavation, trenching or tunneling within the PZ of any relained trees if required. Keep the area within the enclosure free of construction material and debris. Do not place bulk materials and harmful materials under or near trees. Do not place spoil from excavations against tree trunks. Prevent wind- blown materials such as cement from harming trees and plants. Do not cut tree roots exceeding 50mm diameter. Where it is necessary to cut tree roots, use handsaw, cut

cleanly, do not rip with machinery and such that the cutting does not unduly disturb the remaining root If damage does occur to a tree, the project Arborist is to attend prior to repairing damage and during repai

work. If a tree is damaged and repair work is considered impractical, or is attempted and fails, give notice and obtain instructions.

SUBSOIL Excavate to bring the subsoil to a minimum of 300mm below finished design levels, to allow for infilling with topsoil mix. Break up the soil to a further depth of 100mm. Remove all building rubble, waste oil, cement and other material harmful to plaint growth from planting beds prior to placement of topsoil. Cultivate to a minimum depth of 100mm over areas to be planted or grassed. Do not disturb services or tree roots; if necessary, cultivate these areas by hand. During cultivation, thoroughly mix in materials required to be incorporated into the subsoil. Remove stones exceeding 25mm, clods of earth exceeding 50mm, and weeds, rubbish or other deleterious material brought to the surface during cultivation. Trim the surface to the required design levels after cultivation. Confirm that the planting beds are free draining. If not install sub-soil drainage lines and connect to stormwater system. Apply additives after ripping or cultivation and incorporate into the upper 100mm layer of the subsoil.

TOPSOIL

TOPSOIL.

Where possible use site topsoil and compost mixed at a rate of 4 soil: 1 compost, thoroughly mixed before placement. If imported soil is required soil shall be same or similar to Australian Native Landscapes Premium garden mix or similar for garden bed areas or Turf Underlay mix for turf areas. Spread topsoil on the prepared subsoil and grade evenly, making the necessary allowances so that required finished levels

and contours are achieved after light compaction.

Compact lightly and uniformly in 150mm layers. Avoid differential subsidence and excess compaction and produce a finished topsoil surface which is ready for planting. Spread topsoil to the following typical depths:

Planting beds: 300mm Grass areas: 100mm

PLANTING

trees; excavate a plant hole to twice the diameter of the root ball and at least 100mm deeper than the root ball. break up the base of the hole to a further depth of 100mm, and loosen the compacted sides of the

shrubs/ground covers; excavate a hole big enough for the plant plus 100mm all round, provide plants which have large healthy root systems, with no evidence of root curl, restriction or damage, are vigorous, well established, free from disease and pests, of good form consistent with the species or variety; and are hardened off, not soft or forced, and suitable for planting in the natural climatic conditions prevailing at the

site. Trees: provide trees which, unless required to be multi-stemmed, have a single leading shoot, trees should be staked as specified. Label at least one plant of each species or variety in a batch using a durable, readable tag, do not plant in unsuitable weather conditions such as extreme heat, cold, wind or ain. in other than sandy soils, suspend excavation when the soil is wet, or during frost periods. when the hold is of the correct size, remove the plant from the container with minimum disturbance to the root ball ensure that the root ball is moist and place in the final position, in the hole and plumb, with the top soil level of the plant root ball level with the finished surface of the surrounding soil, or 75mm below paying level to allow placement of mulch, backfill with topsoil mixture, lightly tamp and water to eliminate air pockets, allow placement of mulch, backfill with topsoil mixture, lightly tamp and water to eliminate air pockets, ensure that topsoil is not placed over the top of the rootball, so that the plant stem is the same height as in the container. Throughly water plants before planting and immediately after planting, In planting beds and individual plantings, place slow release fertiliser pellets around plants at the time of planting at the rate

INJULTINISE

All garden bed areas are to be mulched to 75mm depth with same or similar to Forest Bland. Provide mulch/gravel which is free of deleterious and extraneous matter such as stones, soil, weeds and sticks. Place mulch/gravel clear of plant stems, and rake to an even surface flush with the surrounding finished levels.

Fertiliser is to be slow release fertiliser equivalent to "Osmocote" and is to be applied at manufacturer's specified rates.

DHAINAGE

Ensure adequate drainage to all garden beds, gravel and lawn areas. Install 100mm agricultural pipe with sock as required in garden beds and behind all retaining walls. Agricultural pipes to drain to junction pits and connect to stormwater system. Ensure paved areas are free draining. Install pits if required. (Refer to Hydraulic Engineering).

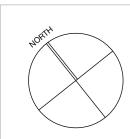
Retaining walls to be constructed as per Engineer's details.

CONCRETE WORKS

All paths, steps, slabs and footings shall be to Engineer's specification. Materials and construction to AS3600 and AS3610. Supply and install ready mixed concrete to AS1379 with selected aggregate. Ensure all appropriate PVC conduits for garden lighting and irrigation systems are placed before concrete and

MAINTENANCE

Throughout the planting establishment period (minimum 12 weeks), carry out maintenance work including modging on the parity establishment pendd (millimin in 2 vester), carry don mile and ever work including watering, more parity, meding, mubblish removal, fertilising, per and disease of control, reseeding, returning, staking and tying, pelanting, cultiversing, pruming, hedges dipping, acertaing, reinstatement of muled removating to dessing and keeping the site neat and tidy. Continue to replace failed, damaged or stolen



IOTE: THESE DRAWINGS ARE NOT FOR CONSTRUCTION. FOR DA APPROVAL ONLY IOTE: DO NOT SCALE OFF THIS DRAWING

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NOTE: ALL WORKS TO BE IN ACCORDANCE WITH THE N.C.C. 2019
NOTE: ALL WORKS TO BE IN ACCORDANCE WITH THE RELEVANT AUSTRALIAN STANDARDS
NOTE: ALL WORKS TO BE IN ACCORDANCE WITH THE BASIX REQUIREMENTS

KEY: DENOTES AREA OF PROPOSED ALTERATIONS DENOTES AREA OF PROPOSED ADDITIONS DENOTES EXISTING STRUCTURE TO BE DEMOLISHED DENOTES EXISTING STRUCTURE TO BE RETAINED

DENOTES PROPOSED NEW STRUCTURE

ALTERATIONS AND ADDITIONS TO AN EXISTING DWELLING INCLUDING A NEW POOL & ASSOCIATED LANDSCAPING CLIENT:

PROJECT:

NICK AND JENNY THOMPSON

LOCATION: 16a RUSKIN ROWE. AVALON BEACH, NSW PROJECT STAGE: DA

DRAWING TITLE: SITE STRATEGY PLANS: LANDSCAPE CONCEPT PLANS

SCALE:

1:200 @ A3

DATE OF ISSUE: 23/11/21

DRAWING NO.

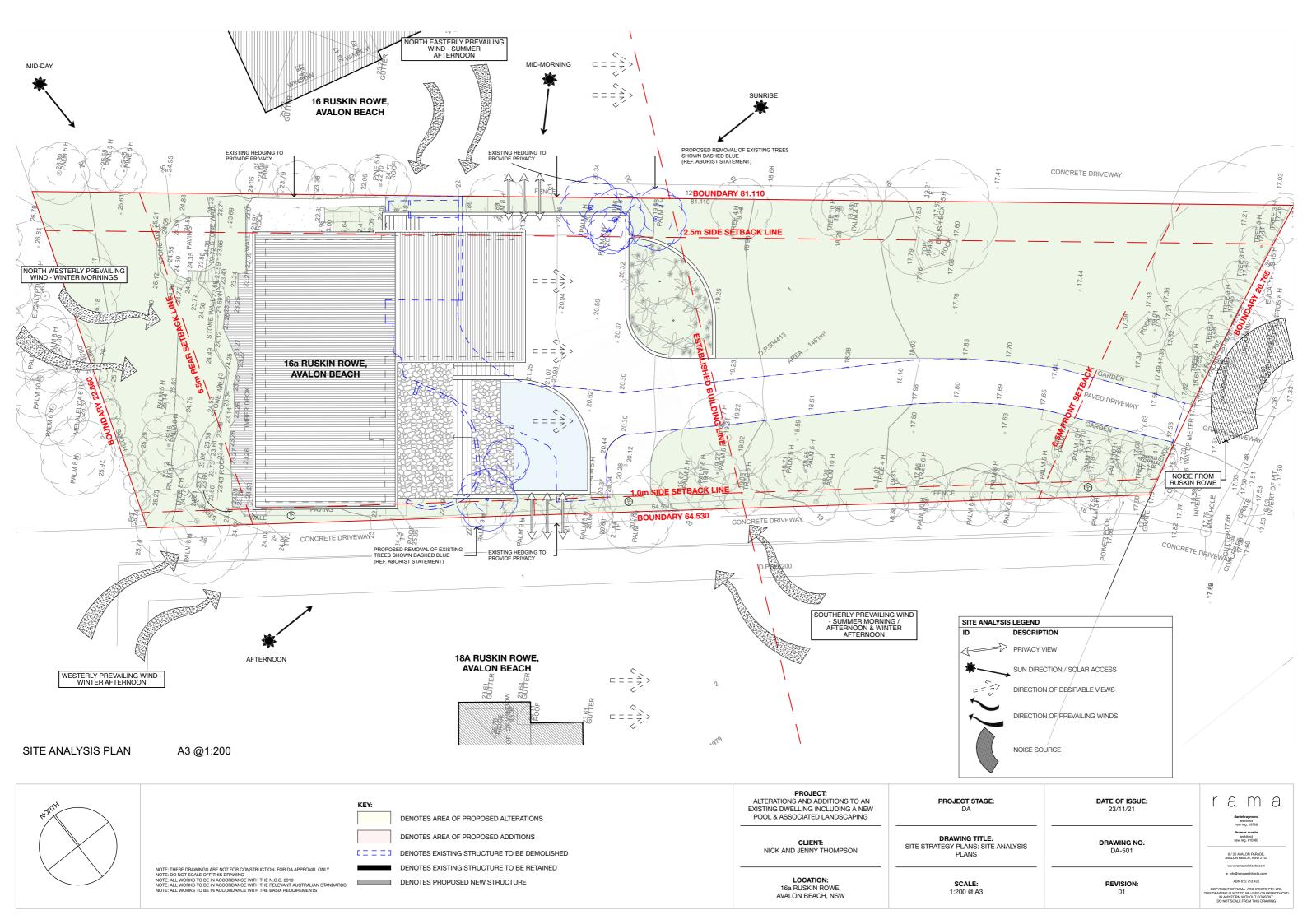
DA-500

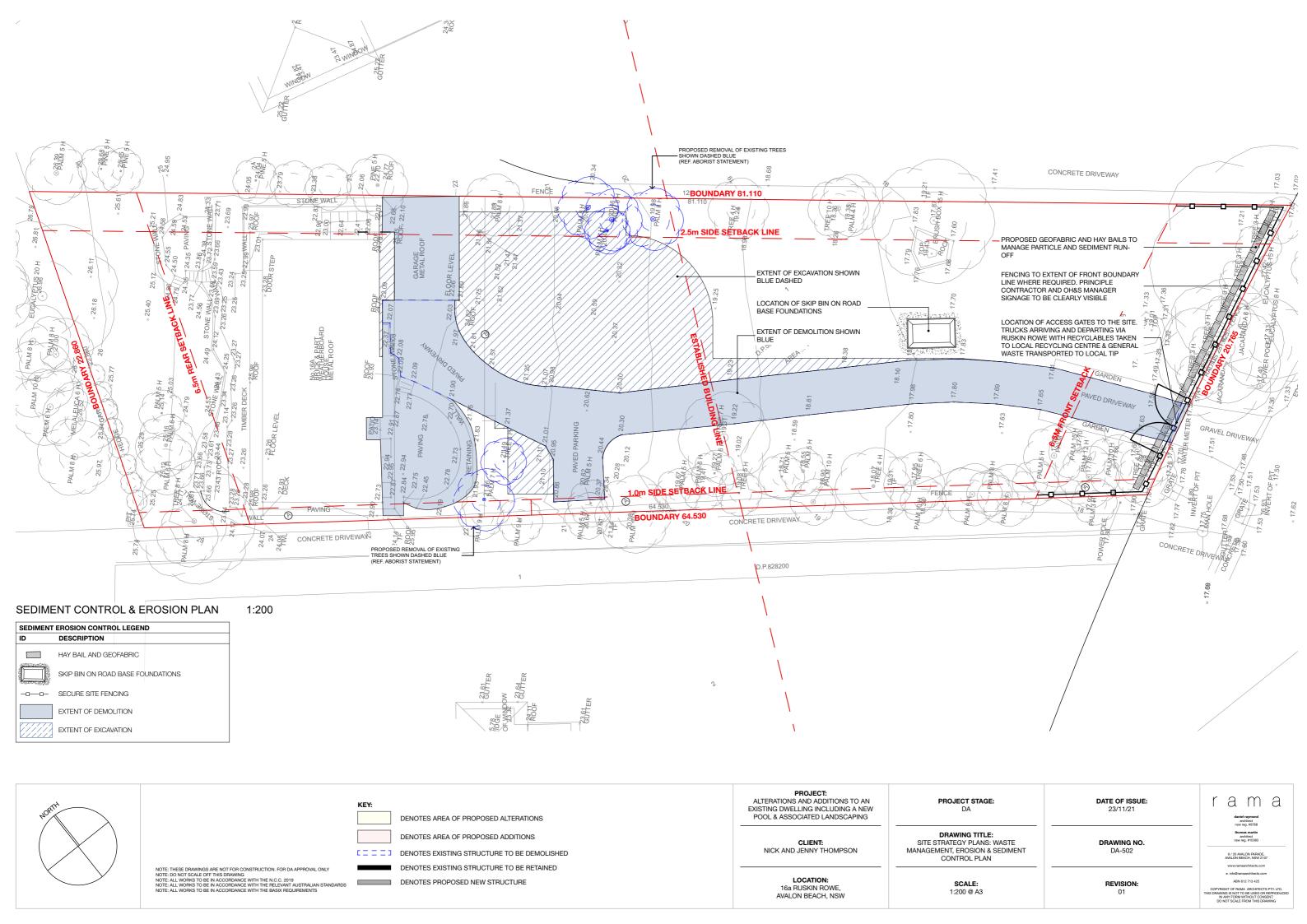
REVISION:

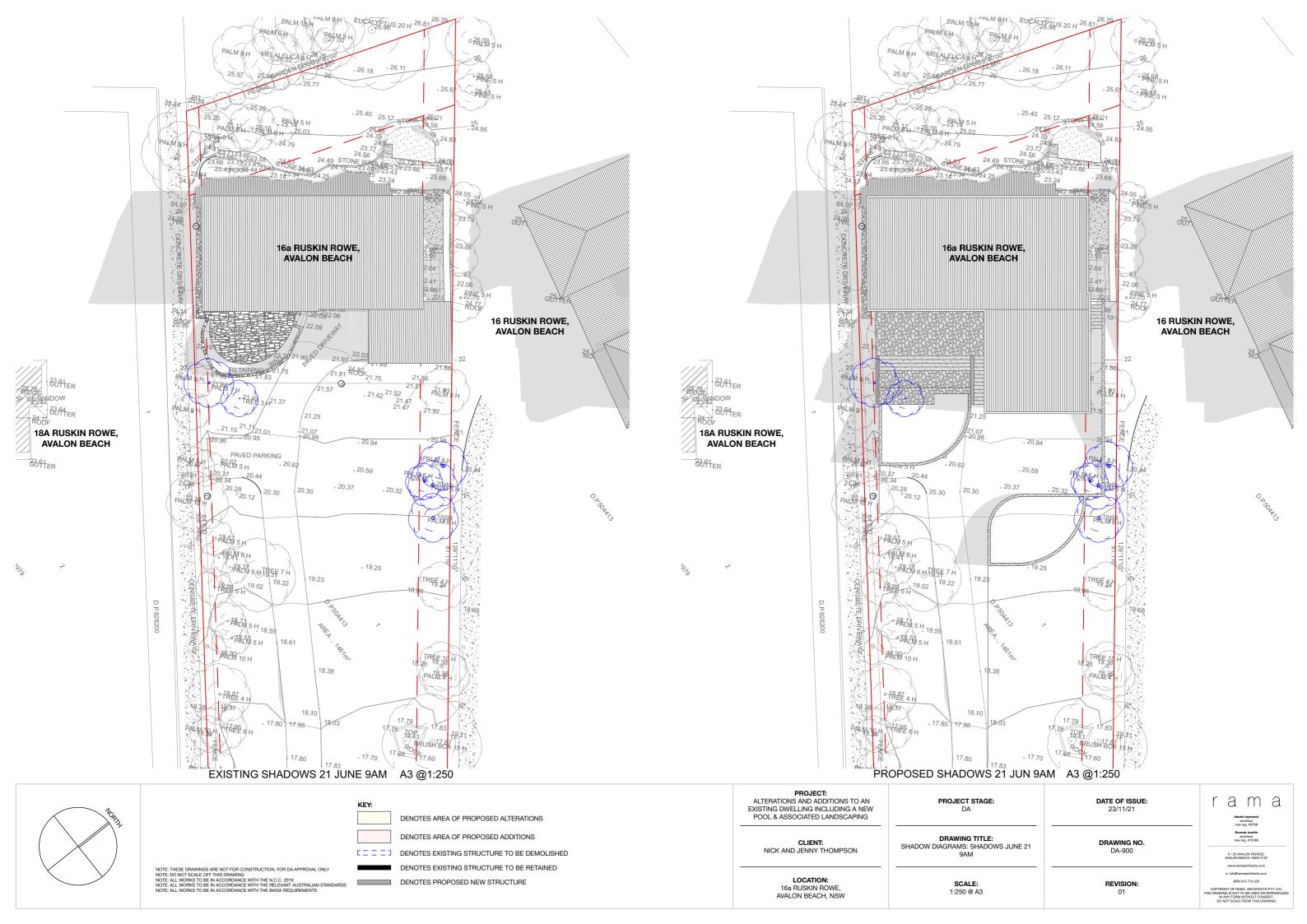
daniel raymond architect nsw reg. #9788 thomas martin architect nsw reg. #10383 6 / 20 AVALON PARADE, AVALON BEACH, NSW 2107

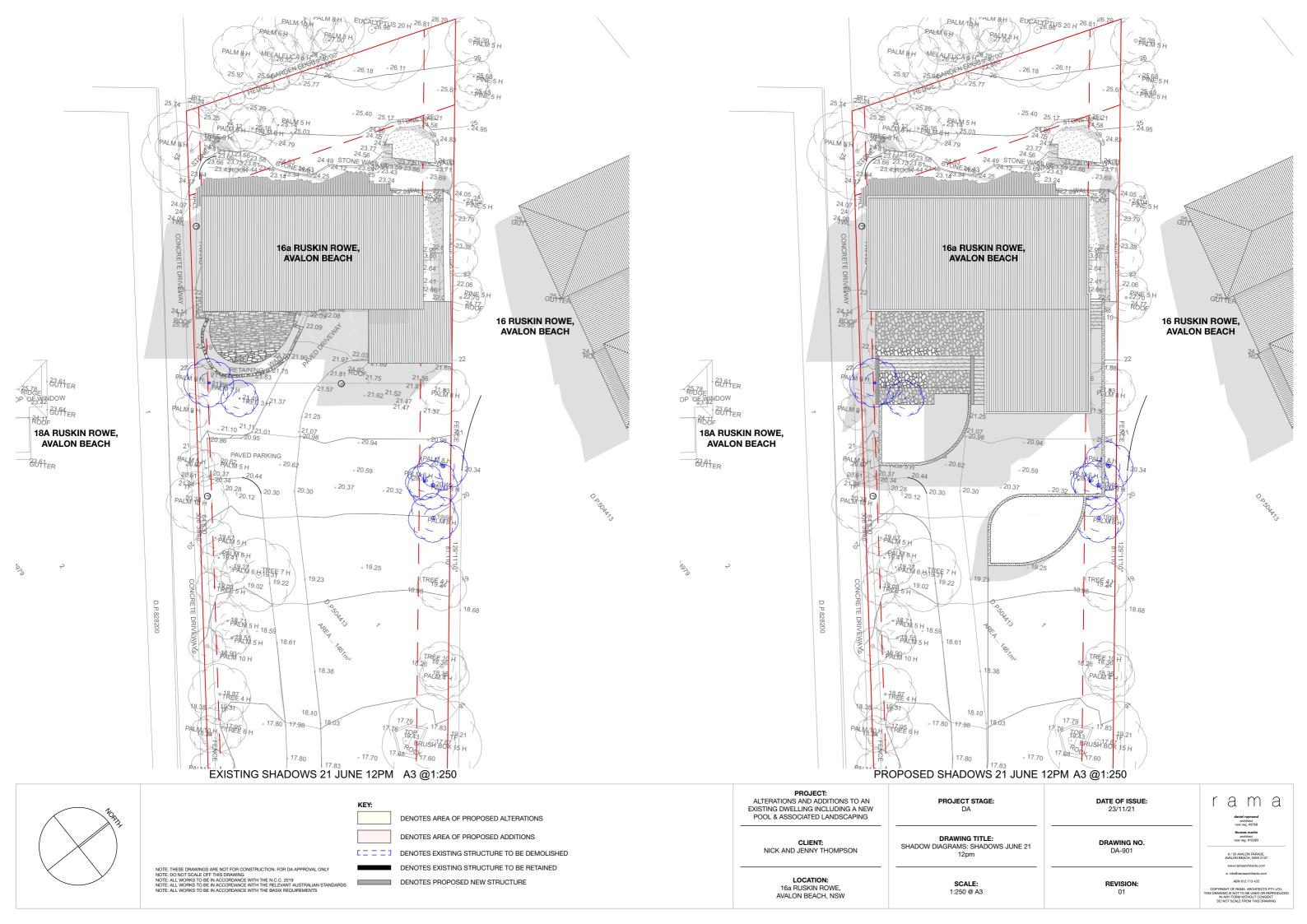
e. info@ramaarchitects.com

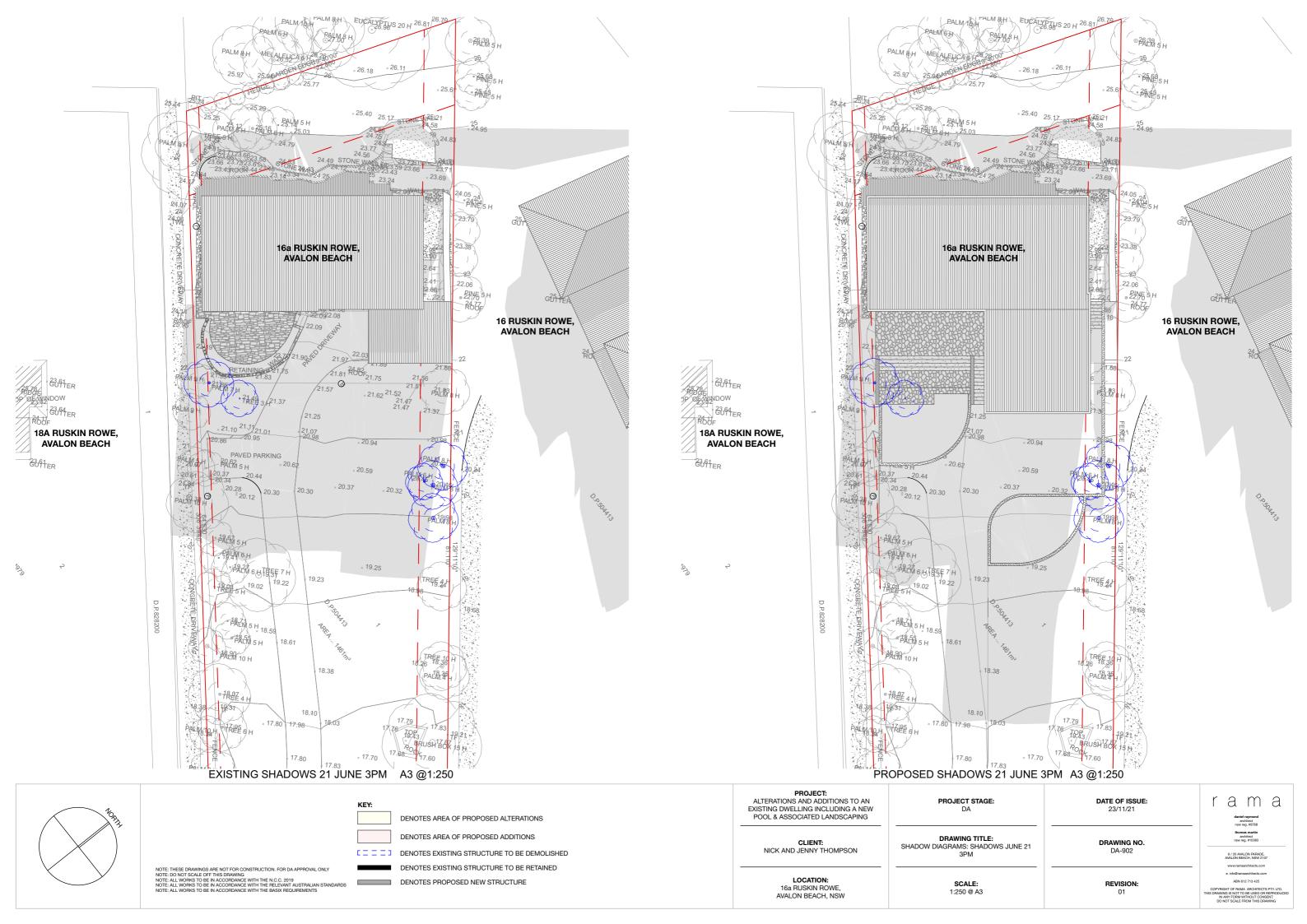
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1. Brick - White Paint Finish To Match Existing



Concrete - Render & White Paint Finish to Match
 Existing



3. Expressed Timber Structure - White Paint Finish to Match Existing



4. Metal Roof Sheeting Flashings, Gutters - Mid Tone Grey



5. Metal Balustrading - White Powdercoated Finish



6. Timber Windows & Doors - White Paint Finish To Match Existing



7. Natural Stone Crazy Paving - Grey Tone



8. Native Gardens

EXTERNAL FINISHES SCHEDULE

THOMPSON RESIDENCE 16a Ruskin Rowe, Avalon Beach

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