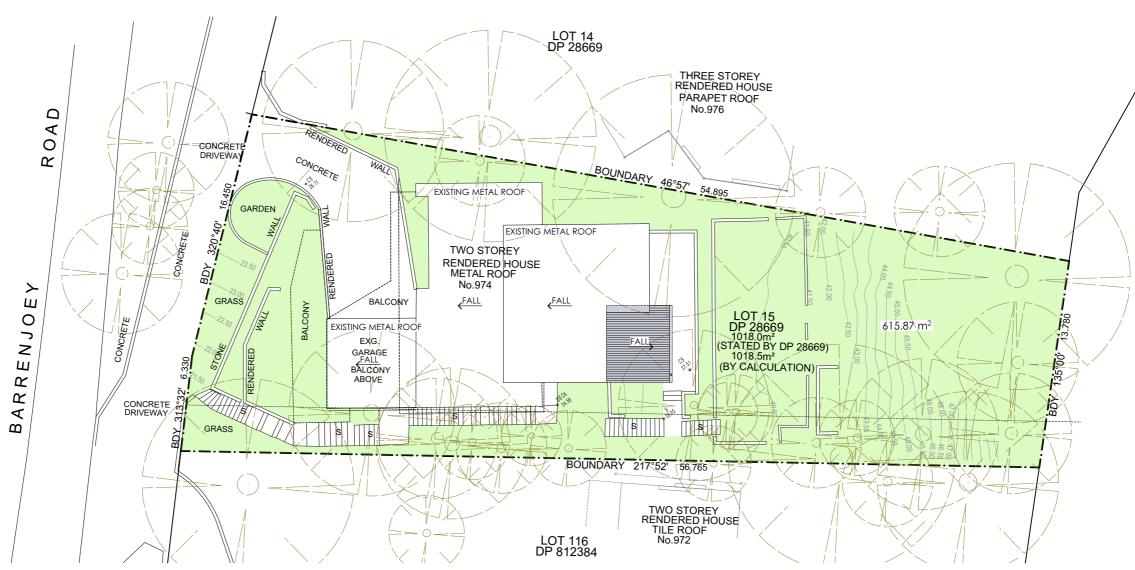
# **ALTERATIONS AND ADDITIONS - 974 BARRENJOEY RD PALM BEACH**



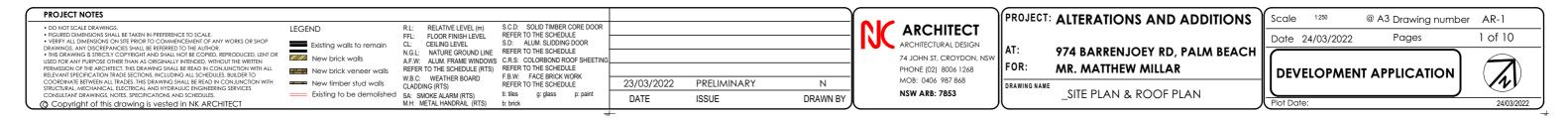
#### **AREA CALCULATION**

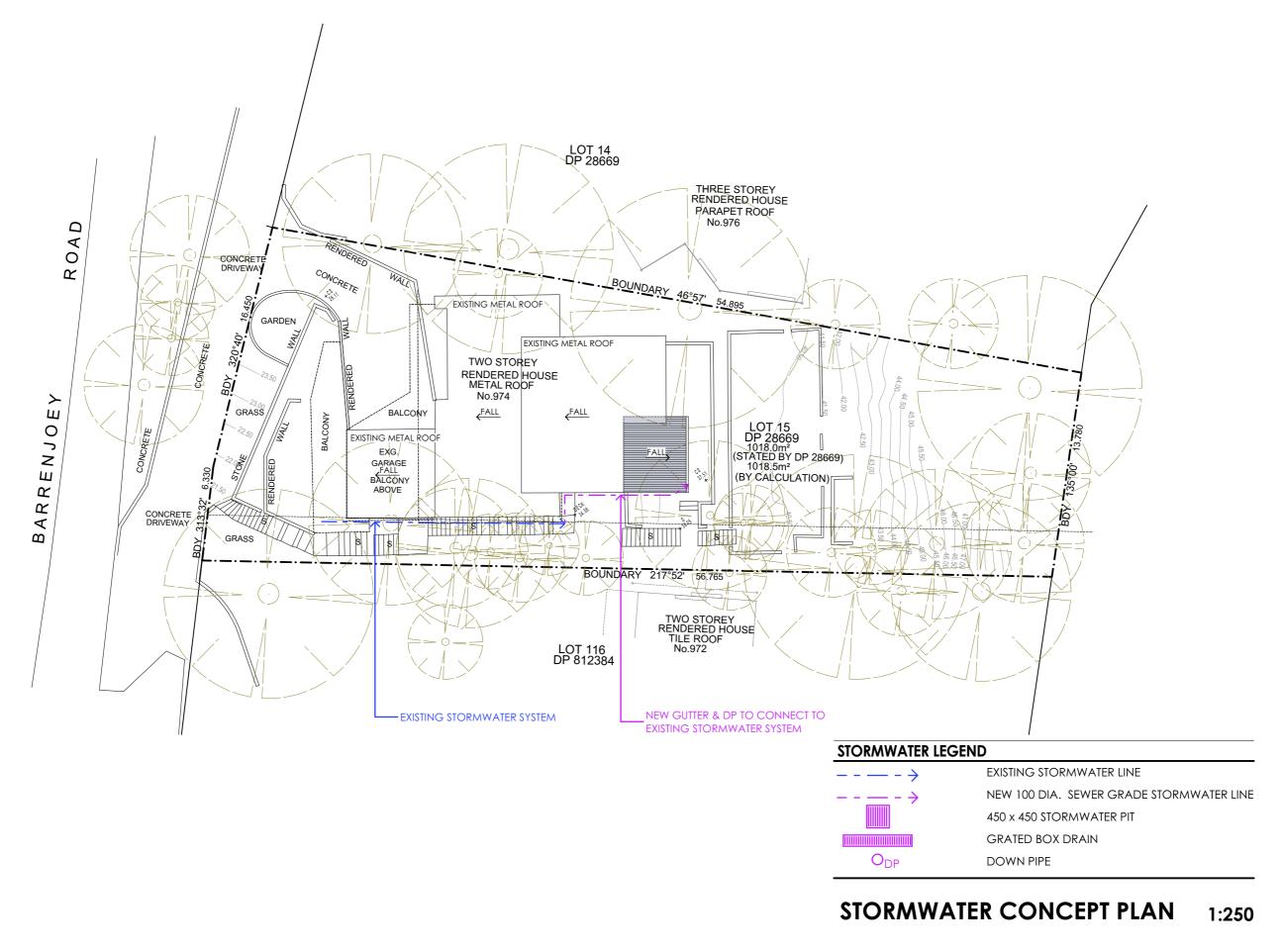
SITE AREA:	1018.50 SQM
EXISTING GARAGE FLOOR AREA:	32.85 SQM
EXISTING GROUND FLOOR AREA:	91.04 SQM
EXISTING FIRST FLOOR AREA:	73.50 SQM
PROPOSED TO FIRST FLOOR AREA:	12.08 SQM
TOTAL GFA:	176.62 SQM
PROPOSED F.S.R:	0.17/1
LANDSCAPE AREA:	615.87 SQM

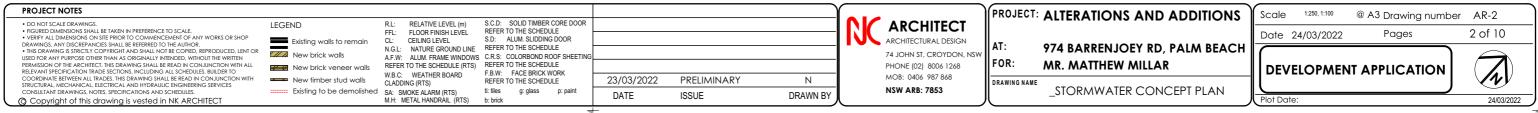
SITE LOCATION 974 BARRENJOEY RD PALM BEACH



## SITE PLAN AND ROOF PLAN 1:250







### **BAL-40 AS3959-2018 - CONSTRUCTION REQUIREMENTS**

#### **CERTIFIED PROJECT: 974 Barrenjoey Road Palm Beach 2108**

The specification below is a summary from AS3959-2018. Note the specification includes the additional construction requirements of Planning for Bushfire Protection (2019). Bushfire Planning and Design provides this simplified specification as an aid however advises that this document is not a substitute for AS3959-2018 which provides more detail. To the best of our knowledge the information below is an accurate representation of AS3959 however we do not guarantee it is free from errors or omissions. We accept no liability for any misinterpretation of our abridged specification compared to AS3959. It is the building contractors responsibilty to source their own version of AS3959 to avoid errors or misinterpretation. Construction specifications change over time therefore we can only endorse this specification if attached to a certified report or certificate that we prepared. We will not support any development that has used this specification without our permission.

SUB FLOOR SUPPORTS - POSTS, COLUMNS, PIERS, POLES FLOORS	- Non combustible or, - Protect the underside with a fibre cement or metal sheet or, - AS1530.8.1 tested system.
SI	90mm min thick masonry, masonry veneer, clay, concrete (insitu, aerated), calcium silicate, stone, earth wall, mud brick
WALLS	Metal cladding or 9mm FC. Sarking required.
WINDOWS	Bushfire shutter - to be metal. (No requirement to have a shutter. If used must be metal).
	Framing to be metal.
N N	Glazing to be 6mm toughened.
7	Hardware to be metal & seals to have a flammability index <5 or be silicone.
	Screen openable and fixed portion of window externally. Except where window complies with AS1530.8.1 or AS1530.98.2
	Bushfire shutter - then no requirement for door.
	Doors & frames to be non combustible.
DOORS	Solid core timber 35mm thick for the bottom 400mm & protected externally with a metal screen, mesh or perforated panel, or comply with AS1530.8.1 or AS1530.98.2.
	Fully framed glazed door where frame is non combustible. Glazing to be 6mm TG.
	Sliding doors screened externally (both panels)
	Glazing to be 6mm thick toughened glass
	Door framing to be metal or bushfire resisting timber or metal reinforced PVC-U/.
	Vehicle access doors to be non combustible. Provide brush seals
	Seals, draught excluders, weather strips etc to have a flammability index less than 5.
	Non combustible including penetrations. Tiled roof to be sarked - battens allowed above sarking. Sarking to cover ridges and hips and extend into gutter
	Roof lights - FRL -/30/-
	Verandah, carport or awning roof forming part of the main roof space is to comply with the requirements for the main roof.
ıfs	Verandah, carport or awning roof separated from the main roof space with a compliant wall is to be non-combustible. The roof can be framed in timber if protected with 6mm FC.
Roofs	Gables to comply with walls.
	Fascia & bargeboards to comply with AS1530.8.1 or be constructed from 9mm FC.
	Eaves linings to be 9mm FC sheet.
	Downpipes - no requirements. Box gutters to be non combustible. Box gutters to be screened. Gutter guards to be metal if used. Gutters to be non-combustible.
lahs :ks	No requirement for framing and supports if enclosed with a compliant wall.
Verandahs & Decks	Decking is not to be spaced. Decking, treads and ramps to be non combustible.
> 8	Supports and framing to be non combustible or conforms to AS1530.8.1.

974 Barrenjoey Road Palm Beach 2108

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## **BASIX** Certificate

Building Sustainability Index www.basix.nsw.gov.au

#### Alterations and Additions

Certificate number: A452017

Fixtures and systems						Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check	
ighting								-	-
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.							~	<b>~</b>	
Construction						Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check	
nsulation re	equirement	s							
the table belo	ow, except that	at a) additio	nal insulat	tion is not req	(floor(s), walls, and ceilings/roofs) uired where the area of new constr ion already exists.	in accordance with the specifications listed in ruction is less than 2m2, b) insulation specified	<b>✓</b>	<b>✓</b>	<b>✓</b>
Construction	n			Additional in	nsulation required (R-value)	Other specifications			
suspended fi framed (R0.7		or with enclosed subfloor: R0.60 (down) (or R1.30 including construction)							
external wall metal clad)	l: framed (we	atherboard,	atherboard, fibro, R1.30 (or R1.70 including construction)						
flat ceiling, fl	lat roof: frame	ed		ceiling: R1. (55 mm)	40 (up), roof: foil backed blanket	light (solar absorptance < 0.475)			
Glazing req	quirements						Show on DA Plans	Show on CC/CDC	Certifier Check
							DA Plans	Plans & specs	Cneck
Vindows ar	nd glazed d	ioors						-,	
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:					<b>✓</b>	~			
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.						~	~		
					each eave, pergola, verandah, bald nan 2400 mm above the sill.	cony or awning must be no more than 500 mm	✓	✓	~
					rial must have a shading coefficient	of less than 0.35.		_	_
					window or glazed door above which must not be more than 50 mm.	ch they are situated, unless the pergola also		✓	✓
Overshadowing specified in the	ng buildings one 'overshado	or vegetatio wing' colum	n must be	e of the height able below.	and distance from the centre and	the base of the window and glazed door, as	✓	✓	✓
	and glazed	l doors g	lazing r	equiremen	its				
	or Orientatio	glass inc. frame	Oversha Height (m)	Distance (m)	Shading device	Frame and glass type			
		(m2)		2	eave/verandah/pergola/balcony	standard aluminium, single clear, (or			
Window / doo no.	NE	(m2) 1.8	3	-	>=450 mm	U-value: 7.63. SHGC: 0.75)			
Window / do	NE SE		0	0		U-value: 7.63, SHGC: 0.75) standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)			
Window / doc no. FW01		1.8			>=450 mm eave/verandah/pergola/balcony	U-value: 7.63, SHGC: 0.75) standard aluminium, single clear, (or			
Window / doi no. FW01 FW01 Legend	SE	1.8	0	0	>=450 mm eave/verandah/pergola/balcony >=450 mm	U-value: 7.63, SHGC: 0.75) standard aluminium, single clear, (or			
Window / doi no. FW01 FW01 Legend	SE mitments, "ap	1.8 1.8 plicant" me	0 ans the pe	0 erson carrying	>=450 mm eave/verandah/pergola/balcony >=450 mm  g out the development.  " column must be shown on the pla	U-value: 7.63, SHGC: 0.75) standard aluminium, single clear, (or	for the propo	osed develop	ment (if a
Window / doi no.  FW01  FW01  Legend  n these commitments development : Commitments	SE  mitments, "ap s identified wit application is	1.8  1.8  plicant" medit ha "\sqrt " in to be lodged tha "\sqrt " in the lodged than "	ans the per the "Showed for the the "Show	erson carrying v on DA plans proposed dev	>=450 mm eave/verandah/pergola/balcony >=450 mm  g out the development.  " column must be shown on the platelopment).	U-value: 7.63, SHGC: 0.75) standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)			

# **BASIX REQUIREMENTS**

PROJECT NOTES						
DO NOT SCALE DRAWINGS.      ROURED DIMENSIONS SHALL BE TAKEN IN PREFERENCE TO SCALE.	LEGEND	R.L: RELATIVE LEVEL (m) FFL: FLOOR FINISH LEVEL	S.C.D: SOLID TIMBER CORE DOOR REFER TO THE SCHEDULE			
DRAWINGS, AND DISCRET ANGLES SHALL BE REFERRED TO THE AUTHOR.	Existing walls to remain	CL: CEILING LEVEL	S.D: ALUM. SLIDDING DOOR REFER TO THE SCHEDULE			
DSED FOR ANY FORFOSE OTHER THAN AS ORIGINALLY INTENDED, WITHOUT THE WRITTEN	New brick walls	THE STATE OF THE S	C.R.S: COLORBOND ROOF SHEETING			
PERMISSION OF THE ARCHITECT. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT SPECIFICATION TRADE SECTIONS, INCLUDING ALL SCHEDULES. BUILDER TO	New brick veneer walls	REFER TO THE SCHEDULE (RTS)	REFER TO THE SCHEDULE F.B.W: FACE BRICK WORK			
COORDINATE BETWEEN ALL TRADES. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH STRUCTURAL, MECHANICAL, ELECTRICAL AND HYDRAULIC ENGINEERING SERVICES	New timber stud walls	CLADDING (RTS)	REFER TO THE SCHEDULE	23/03/2022	PRELIMINARY	N
CONSULTANT DRAWINGS, NOTES, SPECIFICATIONS AND SCHEDULES.  Copyright of this drawing is vested in NK ARCHITECT	Existing to be demolished	SA: SMOKE ALARM (RTS) M.H: METAL HANDRAIL (RTS)	ti: tiles g: glass p: paint b: brick	DATE	ISSUE	DRAWN BY

ARCHITECT
ARCHITECTURAL DESIGN
74 JOHN ST, CROYDON, NSW
PHONE (02) 8006 1268
MOB: 0406 987 868
NSW ARB: 7853

PROJECT: ALTERATIONS AND ADDITIONS

AT: 974 BARRENJOEY RD, PALM BEACH
FOR: MR. MATTHEW MILLAR

DRAWING NAME

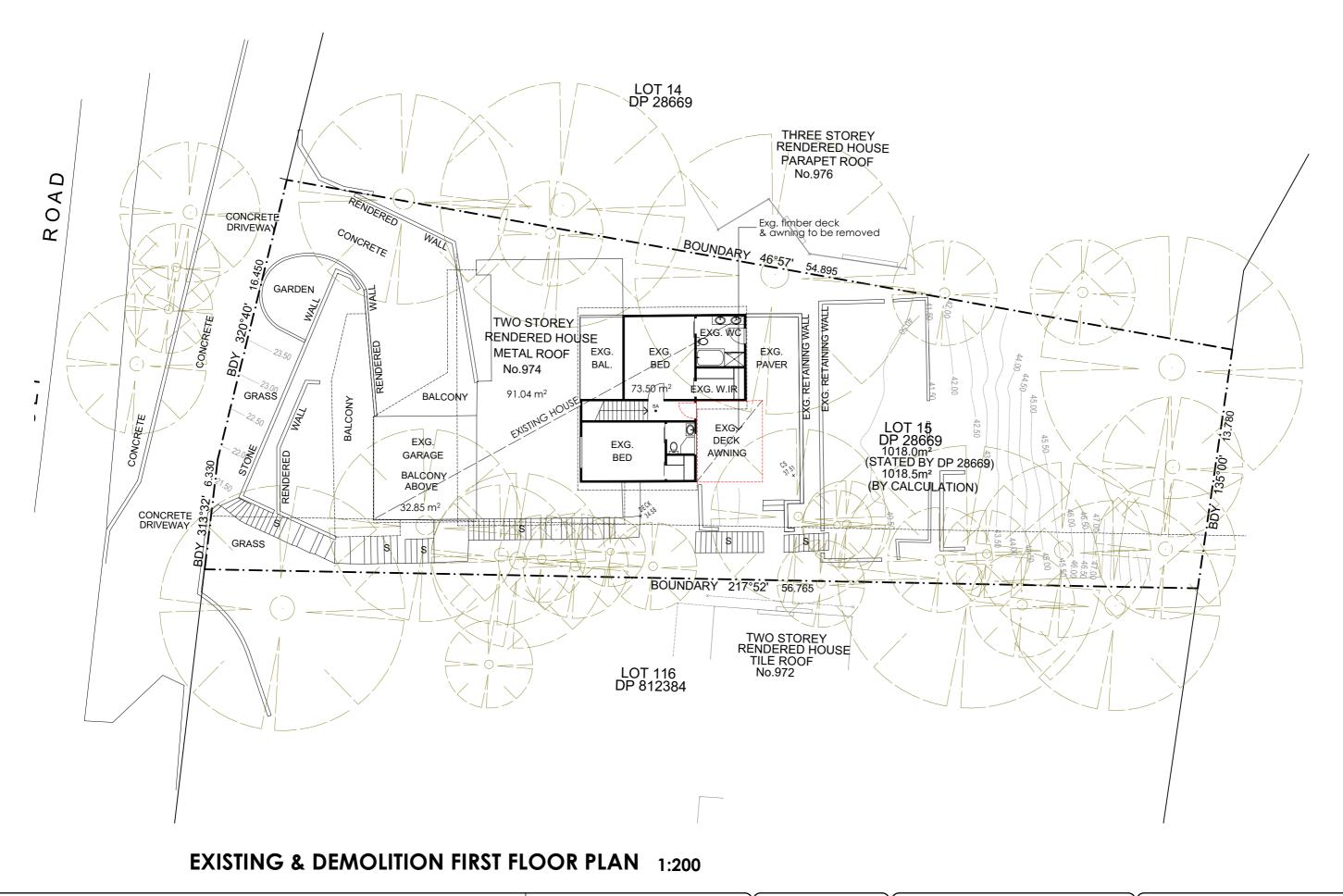
\_BUSH FIRE & BASIX REQUIREMENTS

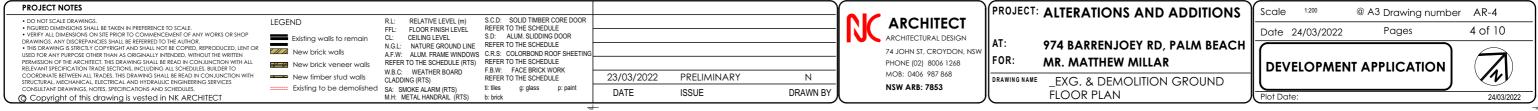
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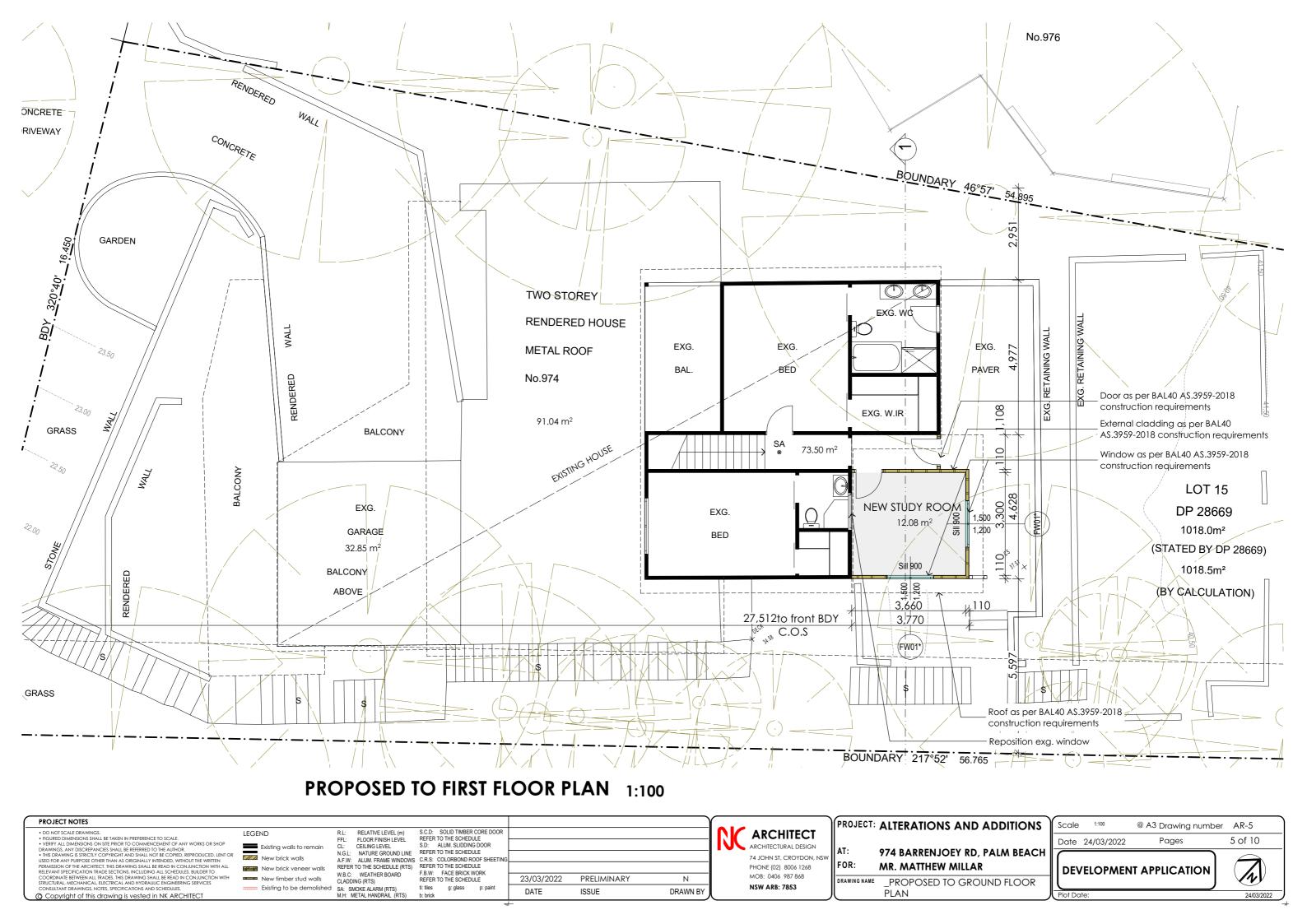
Date 24/03/2022 Pages 3 of 10

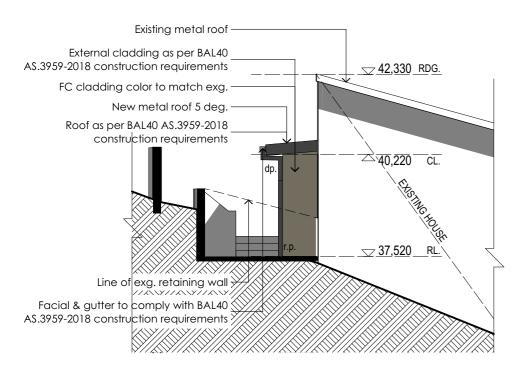
DEVELOPMENT APPLICATION

022

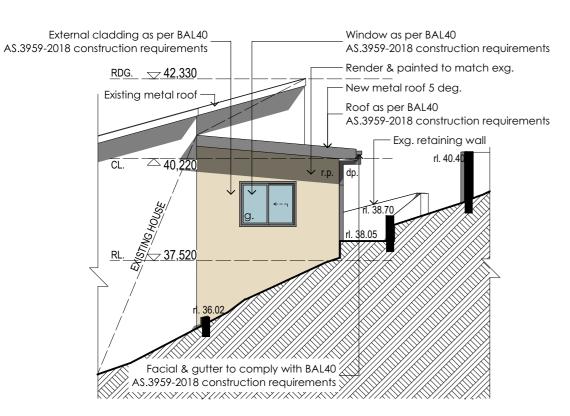




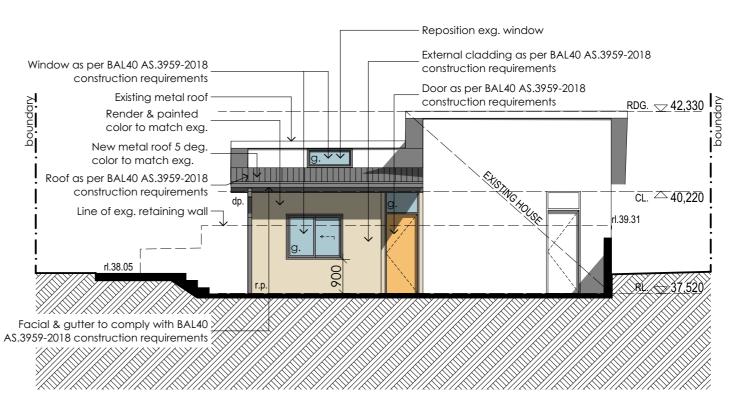




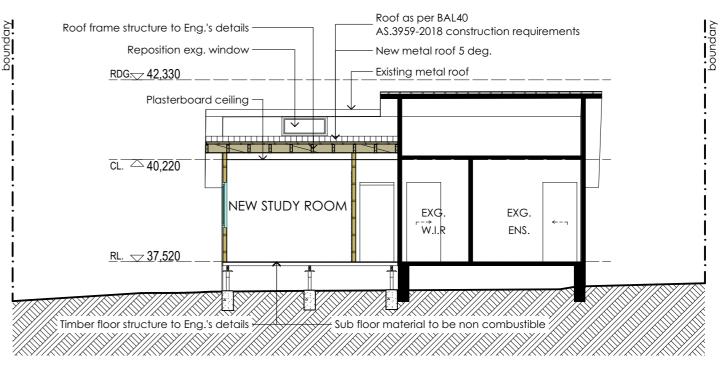
**NORTH ELEVATION 1:100** 



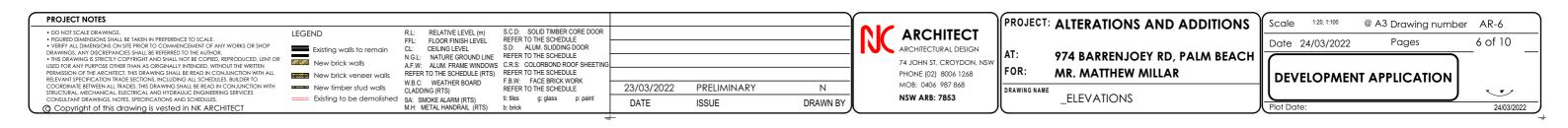
**EAST ELEVATION** 1:100

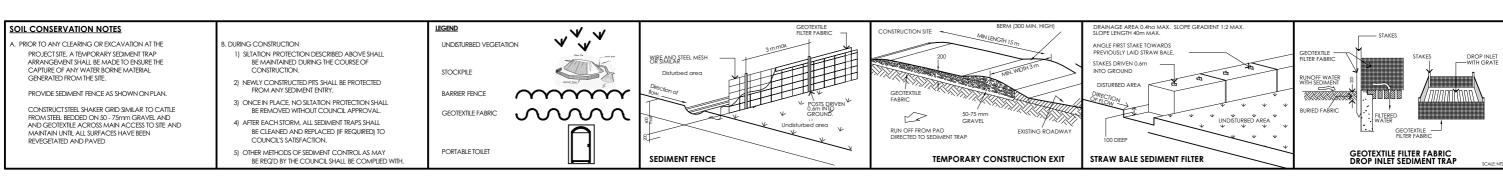


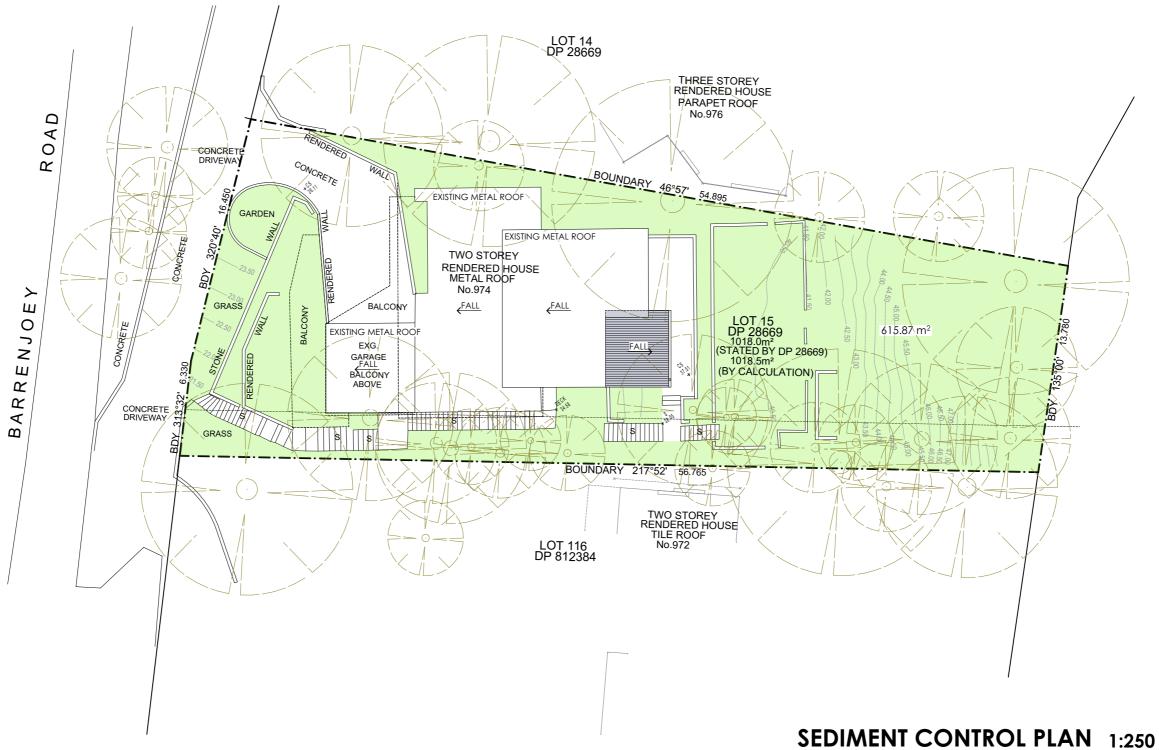
**EAST ELEVATION** 1:100

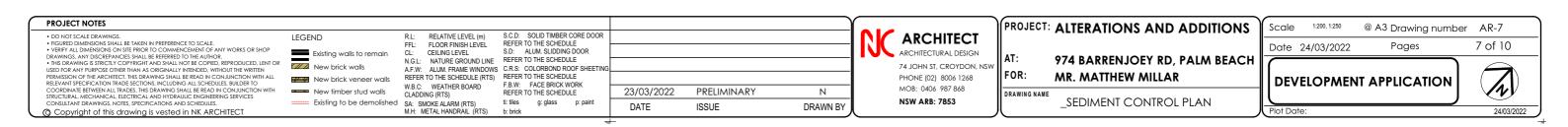


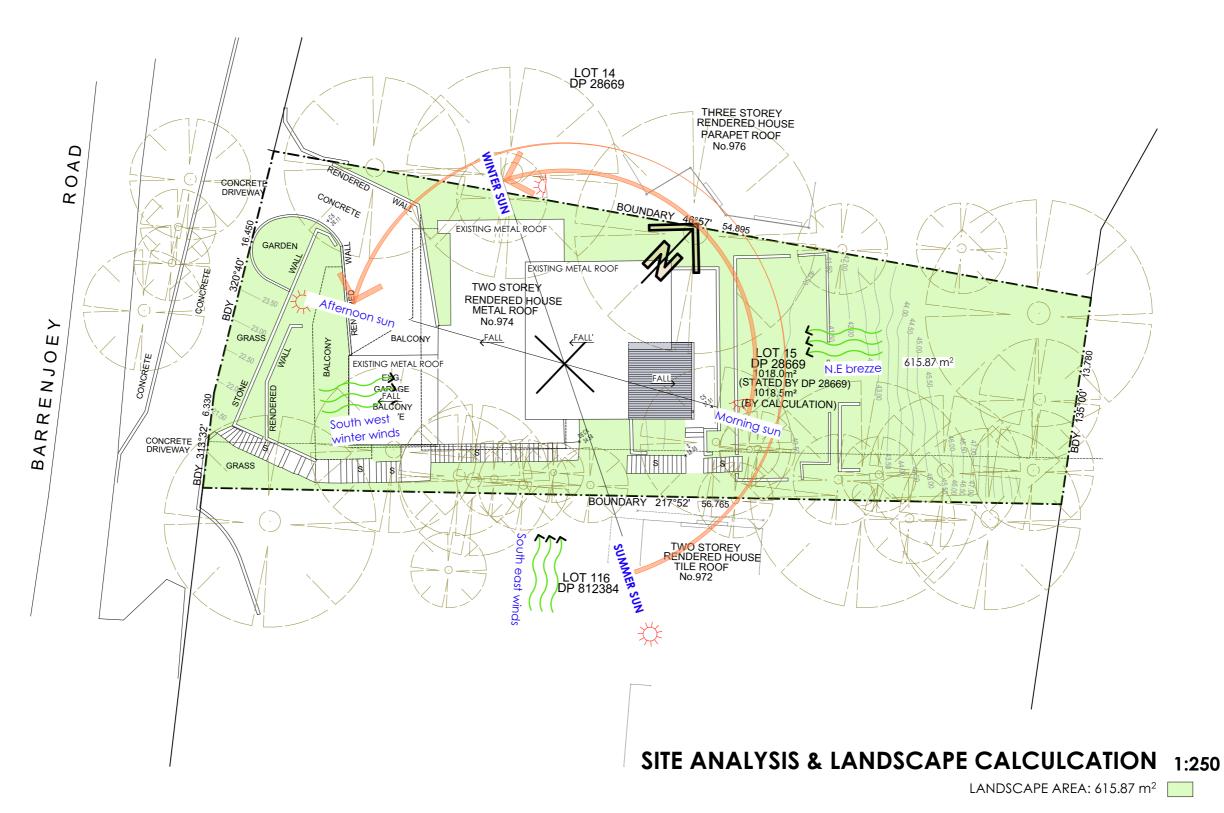
**SECTION 1-1** 1:100





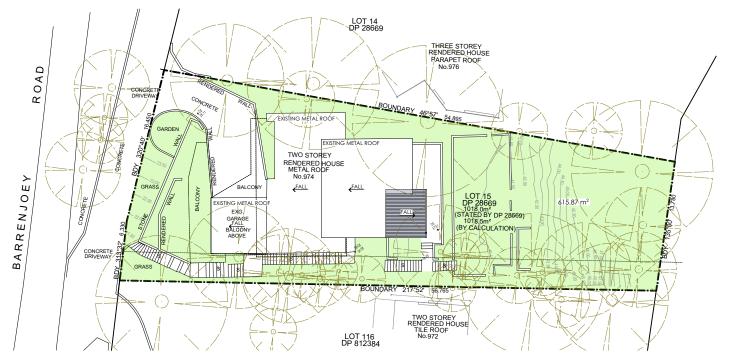




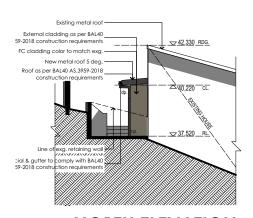


PROJECT NOTES PROJECT: ALTERATIONS AND ADDITIONS @ A3 Drawing number AR-8 DO NOT SCALE DRAWINGS.
 FIGURED DIMENSIONS SHALL BE TAKEN IN PREFERENCE TO SCALE.
 VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCEMENT OF ANY WORKS OR SHOP DRAWINGS. ANY DISCREPANCIES SHALL BE REFERRED TO THE AUTHOR.
 THIS DRAWING IS STRICTLY COPPRIGHT AND SHALL NOT BE COPPED, REPRODUCED. LENT OR USED FOR ANY PURPOSE OTHER THAN AS ORIGINALLY INTENDED, WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT. THIS DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT SPECIFICATION TRADE SECTIONS, INCLUDING ALL SCHEDULES, BUILDER TO COORDINATE BETWEEN ALL TRADES. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL STRUCTURAL, MECHANICAL, ELECTRICAL AND HYDRAULCE ENGINEERING SERVICES.

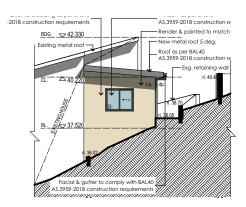
CONSULTANT PRAWINGS, MORTES SEPPCIFICATIONS, AND SCHEDULES SERVICES. RL: RELATIVE LEVEL (m)
FFL: FLOOR FINISH LEVEL
CL: CELLING LEVEL
N.G.L: NATURE GROUND LINE
A.F.W: ALUM. FRAME WINDOWS
REFER TO THE SCHEDULE (RTS)
WB C: WFATHER BOARD
F.B.W: FACE BRICK WORK
RFFER TO THE SCHEDULE
FROM FACE REICK WORK
RFFER TO THE SCHEDULE S.C.D: SOLID TIMBER CORE DOOR REFER TO THE SCHEDULE S.D: ALUM. SLIDDING DOOR RELATIVE LEVEL (m) **ARCHITECT** LEGEND 8 of 10 Date 24/03/2022 ARCHITECTURAL DESIGN 974 BARRENJOEY RD, PALM BEACH New brick walls 74 JOHN ST, CROYDON, NSW FOR: (h) MR. MATTHEW MILLAR PHONE (02) 8006 1268 **DEVELOPMENT APPLICATION** W.B.C: WEATHER BOARD CLADDING (RTS) MOB: 0406 987 868 23/03/2022 PRELIMINARY Ν New timber stud walls \_SITE ANALYSIS & LANDSCAPE Existing to be demolished SA: SMOKE ALARM (RTS)
M.H: METAL HANDRAIL (RTS) NSW ARB: 7853 g: glass DATE ISSUE DRAWN BY CALCULATION O Copyright of this drawing is vested in NK ARCHITECT



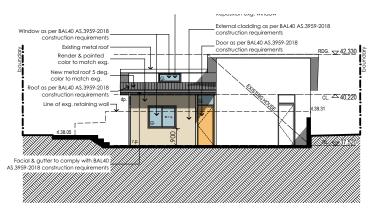
SITE PLAN AND ROOF PLAN



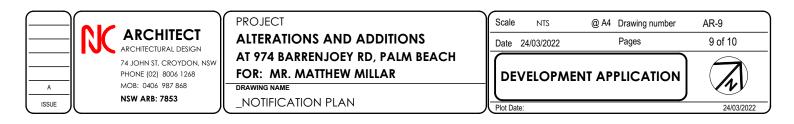
**NORTH ELEVATION** 

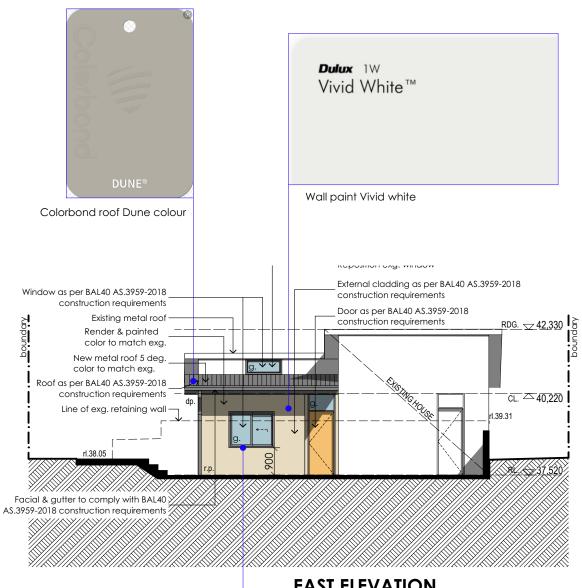


**EAST ELEVATION** 

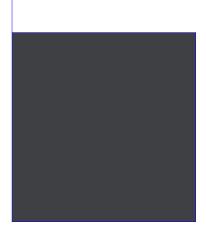


**EAST ELEVATION** 





### **EAST ELEVATION**



Dulux charcoal powder coated aluminium window frame

