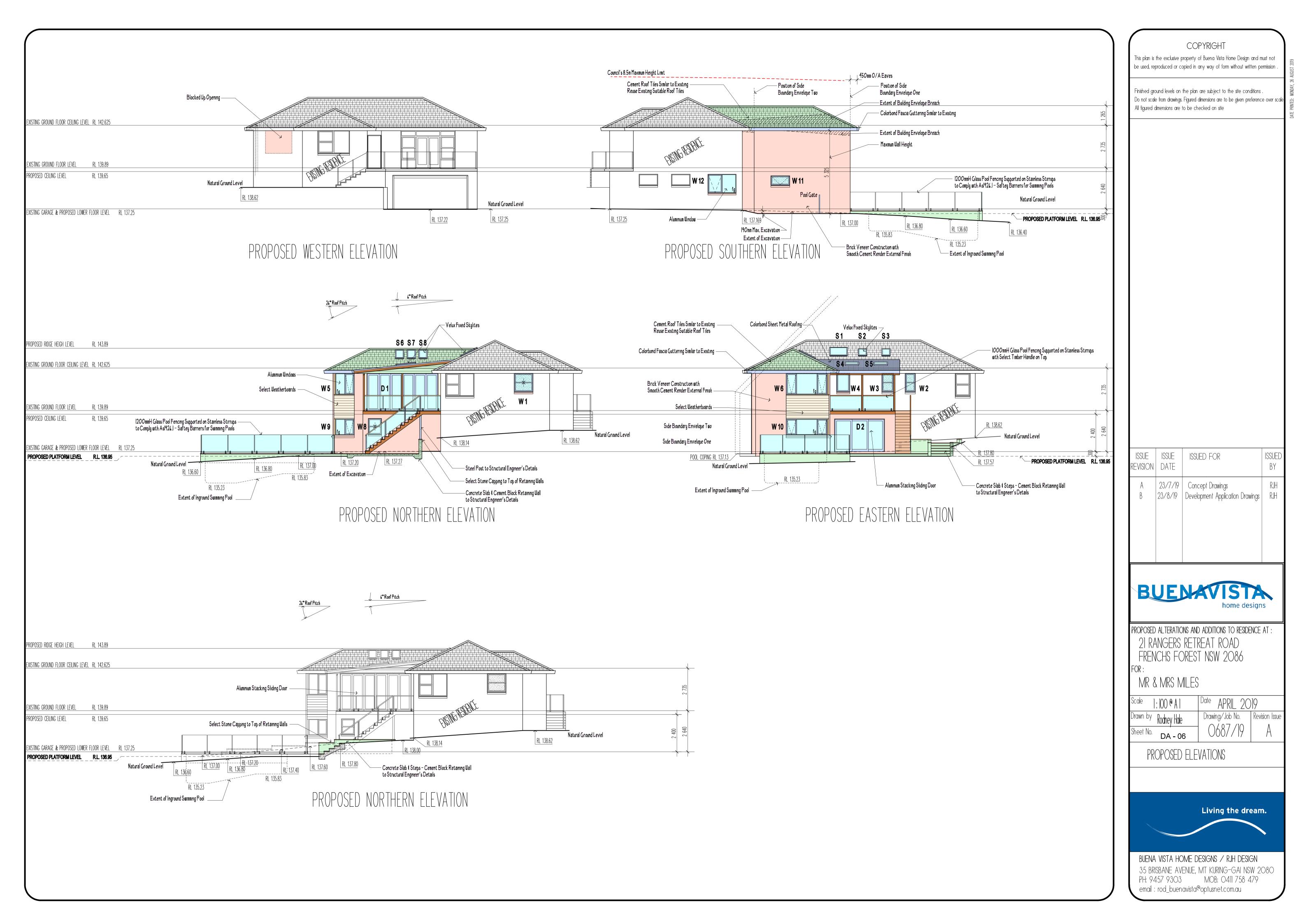




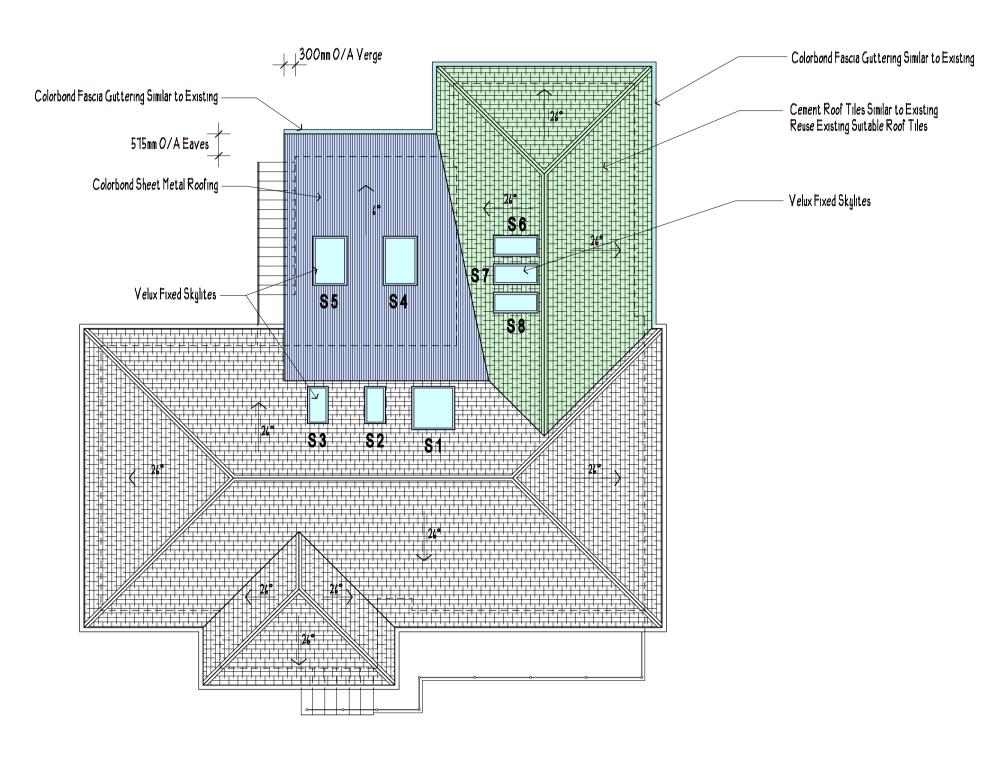
EXISTING GROUND FLOOR PLAN

EXISTING LOWER FLOOR PLAN

BUENA VISTA HOME DESIGNS / RJH DESIGN
35 BRISBANE AVENUE, MT KURING-GAI NSW 2080
PH: 9457 9303 MOB: 0411 758 479
email : rod_buenavista@optusnet.com.au



450mm O/A Eaves



PROPOSED ROOF LAYOUT

NOTE: THE PROPOSED STORMWATER WILL BE CONNECTED TO THE EXISTING STORMWATER SYSTEM



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

Alterations and Additions

Certificate number: A355594

This certificate confirms that the proposed development will meet the NSW government's requirements for sustainability, if it is built in accordance with the commitments set cut below. Terms used in this certificate, or in the commitments, have the meaning given by the document entitled "BASIX Alterations and Additions Definitions" dated 06/10/2017 published by the Department. This document is available at www.basix.nsw.gov.au

Secretary
Date of issue: Wednesday, 21, August 2019
To be valid, this certificate must be lodged within 3 months of the date of issue.

Planning & Environment

external wall: framed (weatherboard, fibro, metal clad)

flat ceiling, pitched roof

flat ceiling, flat roof: framed

internal wall shared with garage: plasterboard (R0.36)

Project name	21 Rangers Retreat Rd Frenchs Forest
Street address	21 Rangers Retreat Road Frenchs Forest 2086
Local Government Area	Northern Beaches Council
Plan type and number	Deposited Plan 205274
Lot number	1
Section number	
Project type	
Dwelling type	Separate dwelling house
Type of alteration and addition	My renovation work is valued at \$50,000 or more and includes a pool (and/or spa).

Certificate Prepared by oplease complete before submitting to Council or PCA)

Name / Company Name: Frys Energywise

Pool and Spa

Show on DA Plans
Show on DA Plans a Show on Show on DA Plans a Show on DA Plans a Show on Show on

R1.30 (or R1.70 including construction)

ceiling: R2.50 (up), roof: foil/sarking

ceiling: R2.50 (up), roof: foil/sarking

Glazing requ	irements						Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
Windows and	glazed do	ors							
					nading devices, in accordance with reach window and glazed door.	the specifications listed in the table below.	~	V	1
The following re	equirements i	nust also	be satisfi	ed in relation	to each window and glazed door:			~	~
have a U-value	and a Solar	Heat Gair	n Coefficie	nt (SHGC) r		d glass may either match the description, or, le below. Total system U-values and SHGCs s.		✓	~
have a U-value must be calcula	and a Solar	Heat Gair lance with	n Coefficie n National	nt (SHGC) r Fenestration	no greater than that listed in the tab	ar glazing, or toned/air gap/clear glazing must le below. Total system U-values and SHGCs s. The description is provided for information		~	~
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.					~	✓	~		
Pergolas with polycarbonate roof or similar translucent material must have a shading coefficient of less than 0.35.						~	~		
External louvres and blinds must fully shade the window or glazed door beside which they are situated when fully drawn or closed.						~	~		
					e window or glazed door above whi ens must not be more than 50 mm.	ch they are situated, unless the pergola also		~	✓
Windows ar									
Window / door no.	Orientation	Area of glass			Shading device	Frame and glass type			
		inc. frame (m2)	Height (m)	Distance (m)					
W1	N	1.45	0	0	eave/verandah/pergola/balcony >=600 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)			
W2	Е	0.79	0	0	eave/verandah/pergola/balcony >=600 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)			
W3	E	0.93	0	0	eave/verandah/pergola/balcony	standard aluminium, single clear, (or			

medium (solar absorptance 0.475 - 0.70)

medium (solar absorptance 0.475 - 0.70)

Glazing requirements						Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check	
Window / door	Orientation	Area of	Oversha	dowing	Shading device	Frame and glass type			
no.		glass inc. frame (m2)	Height (m)	Distance (m)					
					>=900 mm	U-value: 7.63, SHGC: 0.75)			
W4	E	1.02	0	0	eave/verandah/pergola/balcony >=900 mm	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)			
W5	N	1.65	0	0	eave/verandah/pergola/balcony >=600 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)			
W6	E	3.62	0	0	eave/verandah/pergola/balcony >=600 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)			
W7	Е	0.35	0	0	none	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)			
W8	N	8.8	0	0	external louvre/blind (adjustable)	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)			
W9	N	1.25	0	0	external louvre/blind (adjustable)	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)			
W10	E	2.73	0	0	external louvre/blind (adjustable)	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)			
W11	s	0.74	0	0	none	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)			
W12	s	2.17	0	0	none	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)			
D1	N	9.62	0	0	eave/verandah/pergola/balcony >=900 mm	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)			
D2	E	6.75	0	0	external louvre/blind (adjustable)	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)			

			0-value. 1.03, 31100. 0.73)		
Skylights				•	
Glazing require	ements			Show on DA Plans	Show on CC/CDC Plans & specs
The applicant mu	st install the skyligh	nts in accordance with th	e specifications listed in the table below.	V	~
The following req	uirements must als	o be satisfied in relation	to each skylight		~
the table below.			-value and a Solar Heat Gain Coefficient (SHGC) no greater than that listed in		√
Skylight number	Area of glazing inc. frame (m2)	Shading device	Frame and glass type		
S1	1.35	no shading	timber, low-E internal/argon fill/clear external, (or U-value: 2.5, SHGC: 0.456)		
S2	0.54	no shading	timber, low-E internal/argon fill/clear external, (or U-value: 2.5, SHGC: 0.456)		
S6	0.65	no shading	timber, low-E internal/argon fill/clear external, (or U-value: 2.5, SHGC: 0.456)		
S7	0.65	no shading	timber, low-E internal/argon fill/clear external, (or U-value: 2.5, SHGC: 0.456)		

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ISSUE REVISION	ISSUE DATE	ISSUED FOR	ISSUED BY	
А	23/7/19	Concept Drawings	RJH	
В	23/8/19	Development Application Drawings	RJH	



PROPOSED ALTERATIONS AND ADDITIONS TO RESIDENCE AT:
21 RANGERS RETREAT ROAD
FRENCHS FOREST NSW 2086

MR & MRS MILES

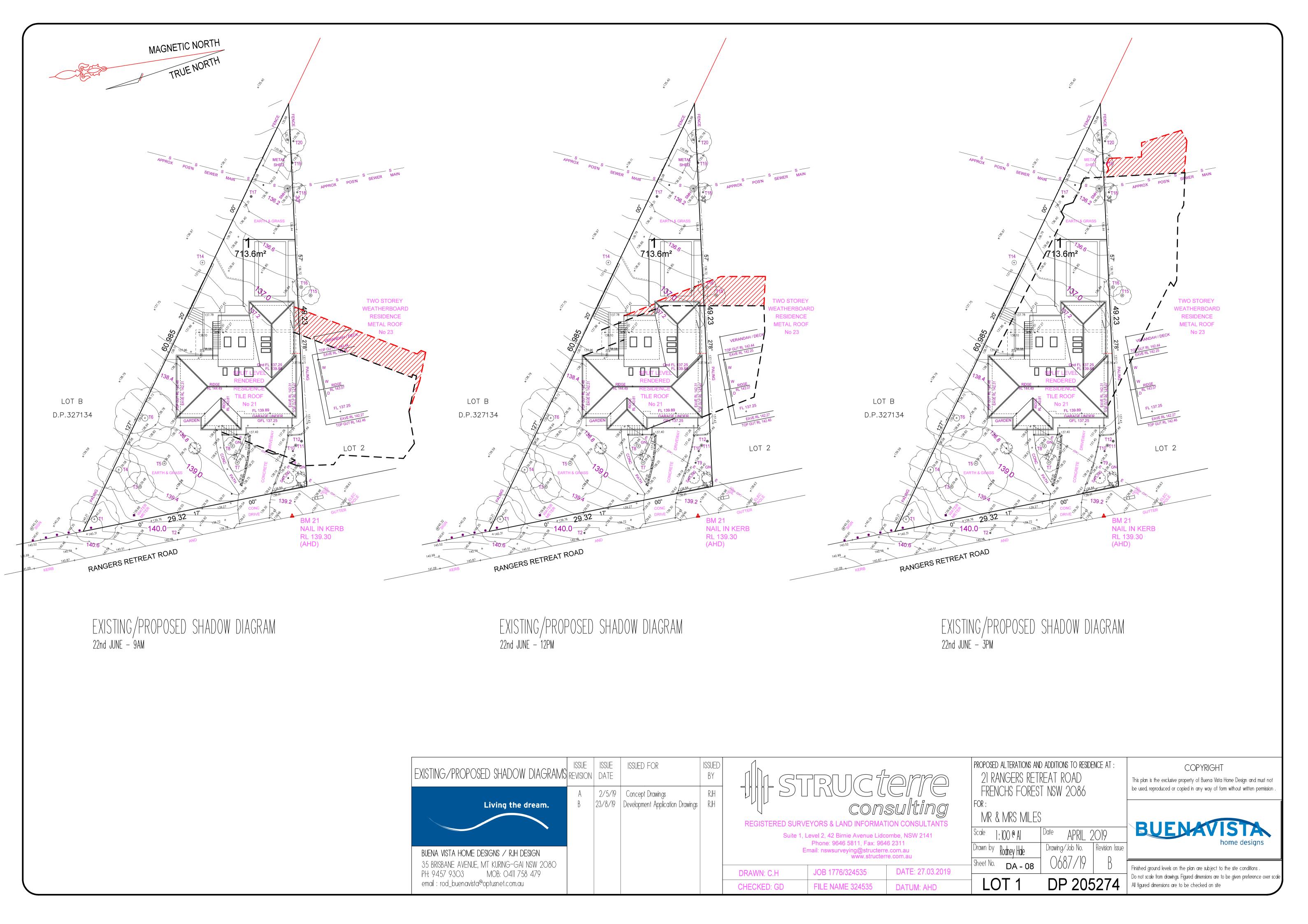
Scale : 100 @ A	Date APRIL 20	19
Drawn by Rodney Hale	Drawing/Job No.	Revision Issue
Sheet No. DA - 07	068//19	В

PROPOSED ROOF LAYOUT - SECTION & BASIX



BUENA VISTA HOME DESIGNS / RJH DESIGN

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ALL PROPOSED EXTERNAL COLOURS ARE TO MATCH EXISTING

PROPOSED EASTERN ELEVATION



MONUMENT COLORBOND CORRUGATED METAL ROOFING & NEW ROOF TILES — SIMILAR TO EXISTING

GUTTERS AND DOWNPIPES IN COLORBOND MONUMENT



NEW WINDOWS - WHITE ALUMINIUM FRAME ALL EXTERNAL TIMBER - PAINTED WHITE



DULUX EXTERIOR COLOUR — WHITE MIST (COLOUR TO BE SIMILAR TO EXISTING RENDERED WALLS) TO ALL NEW WEATHERBOARD CLADDING TO ALL NEW RENDERED WALLS

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ISSUE	ISSUE	ISSUED FOR	ISSUED
EVISION	DATE		BY
A	23/7/19	Concept Drawings	RJH
B	23/8/19	Development Application Drawings	RJH



PROPOSED ALTERATIONS AND ADDITIONS TO RESIDENCE AT :
21 RANGERS RETREAT ROAD
FRENCHS FOREST NSW 2086

MR & MRS MILES

^{Scole} 1:100 € A 1	Date APRIL 20	19
^{Drawn by} Rodney Hale	Drawing/Job No.	Revision Issue
Sheet No. DA - 09	068//19	B

MATERIALS AND COLOURS SCHEDULE

Living the dream.

BUENA VISTA HOME DESIGNS / RJH DESIGN

35 BRISBANE AVENUE, MT KURING-GAI NSW 2080 PH 9457 9303 MOB: 0411 758 479 email : rod_buenavista®optusnet.com.au