	3
Sheet Number	Sheet Name
DA00	Development Application
DA01	Site Plan
DA02	Site Analysis
DA03	Lower Ground Floor Plan
DA04	Ground Floor Plan
DA05	First Floor Plan
DA06	Roof Plan
DA07	Elevations
DA08	Elevations
DA09	Elevation
DA10	Long Section
DA11	Long Section
DA12	Cross Sections
DA13	Shadow Diagrams 9 am
DA14	Shadow Diagrams 12 noon
DA15	Shadow Diagrams 3pm
DA16	Shadow Studies
DA17	Building Envelope
DA18	Photomontage
DA19	Finishes Board
DA20	Sediment Control Plan
DA21	Site Coverage
DA22	Window Schedule for BASIX
DA30	View Studies (89 NPP)
DA31	View Studies (91 NPP)
DA32	View Studies (91 NPP)
DA33	View Studies (93 NNP)

Notification Site Plan

Notification Elevations

DA Drawing List

BASIX COMMITMENTS

Insulation Requirements:

The new or altered construction (floors, walls and ceilings/roofs) are to be constructed in accordance with the specification below:

Floor - concrete slab on ground - nil

suspended floor with open subfloor - R0.8 (down) or R1.50 including construction above existing dwelling or building - nil

External Wall - (framed weatherboard, clad) - R1.3 (or R1.70 including construction)

Raked ceiling - , pitched/skillion roof: framed

Ceiling: R1.74 (up)

Roof: Foil backed blanket 75mm

Medium colour (solar absorptance 0.475 - 0.70)

Windows and Glazed Doors:

All windows, glazed doors and shading devices, must be installed in accordance with the specifications listed in Basix Certificate No A331967

WG03, WG04, WG10, WLG04, WLG05, WLG06, WLG09 are to be pyrolytic low-e glass in timber frames (U-value:3.99, SHGC: 0.4).

The glazed roof is to be of pyrolytic low-e glass in an improved aluminium frame. (U-value: 4.48, SHGC: 0.46)

Lighting:

Minimum of 40% of new or altered light fixtures must be fitted with fluorescent, compact fluorescent, or light emitting diode (LED) lamps.

Fixtures:

Showerheads must have a flow rate no greater than 9 litres per minute or 3 star water rating

Toilets must have a flow rate no greater than 4 litres per average flush or a minimum 3 star water rating.

Taps must have a flow rate no greater than 9 litres per minute or a minimum 3 star water rating.

AW	Proposed Awning	SC	Steel Column
BA	Timber Balustrade	SI	Sink
CS	Concrete Slab	SK	Skylight
DK	Timber Deck	SP	Stone Paving
DP	Downpipe	SR	Steel Roofing
DR	Driveway	SSC	Sandstone Cladding
EB	External Blinds	ST	Stair
EXG	Existing	SW	Stone Wall
FL	Steel Flue	TC	Timber Column
FT	Timber Fence	TF	Timber Floor
GU	Gutter	TFD	Timber Framed Door
MB	Meter Box	TFR	Timber Framing
MC	Metal Cladding	TFW	Timber Framed Window
MR	Metal Roof	TR	Tiled Roof
MW	Masonry Wall	TS	Timber Privacy Screen
PE	Proposed Pergola	TW	Timber Framed Wall
PF	Pool Fence	WC	Timber Weatherboard Cladding
PL	Pool		
RW	Retaining Wall		



KENNETT RESIDENCE

DEVELOPMENT APPLICATION
Lot 10 DP15764

13 Bruce Street Mona Vale 2103

Jason Kennett & Mandy Eilbeck

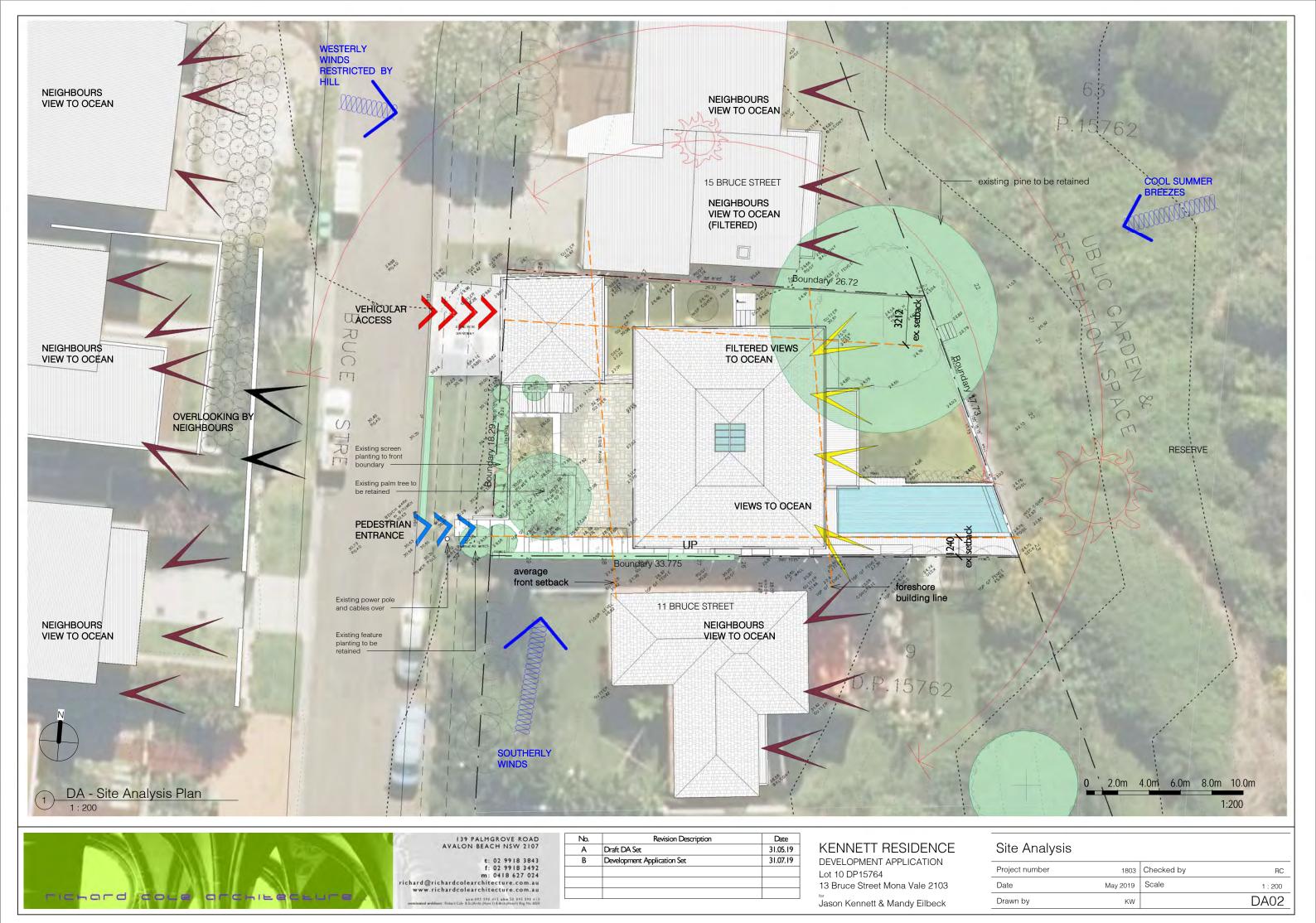


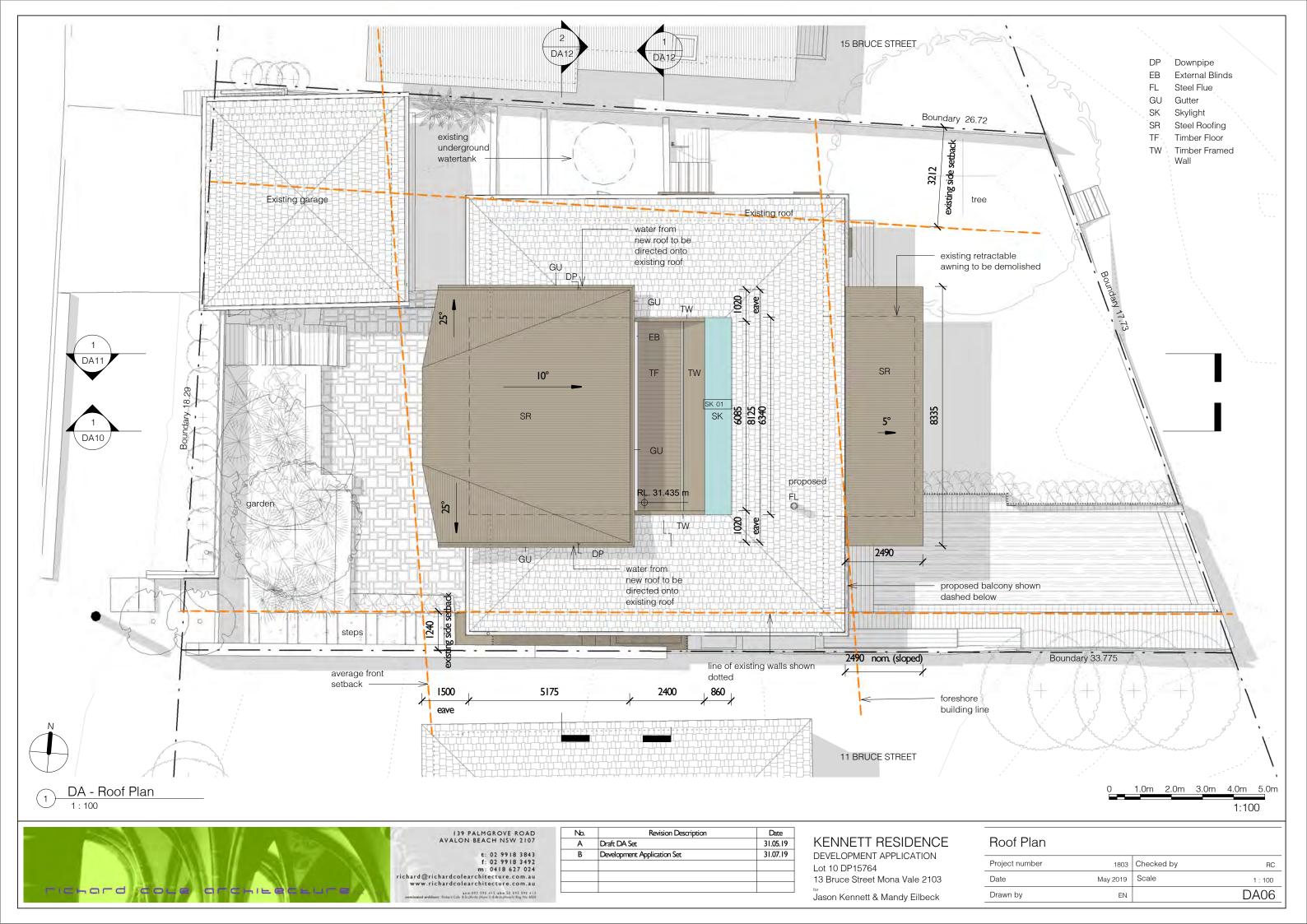
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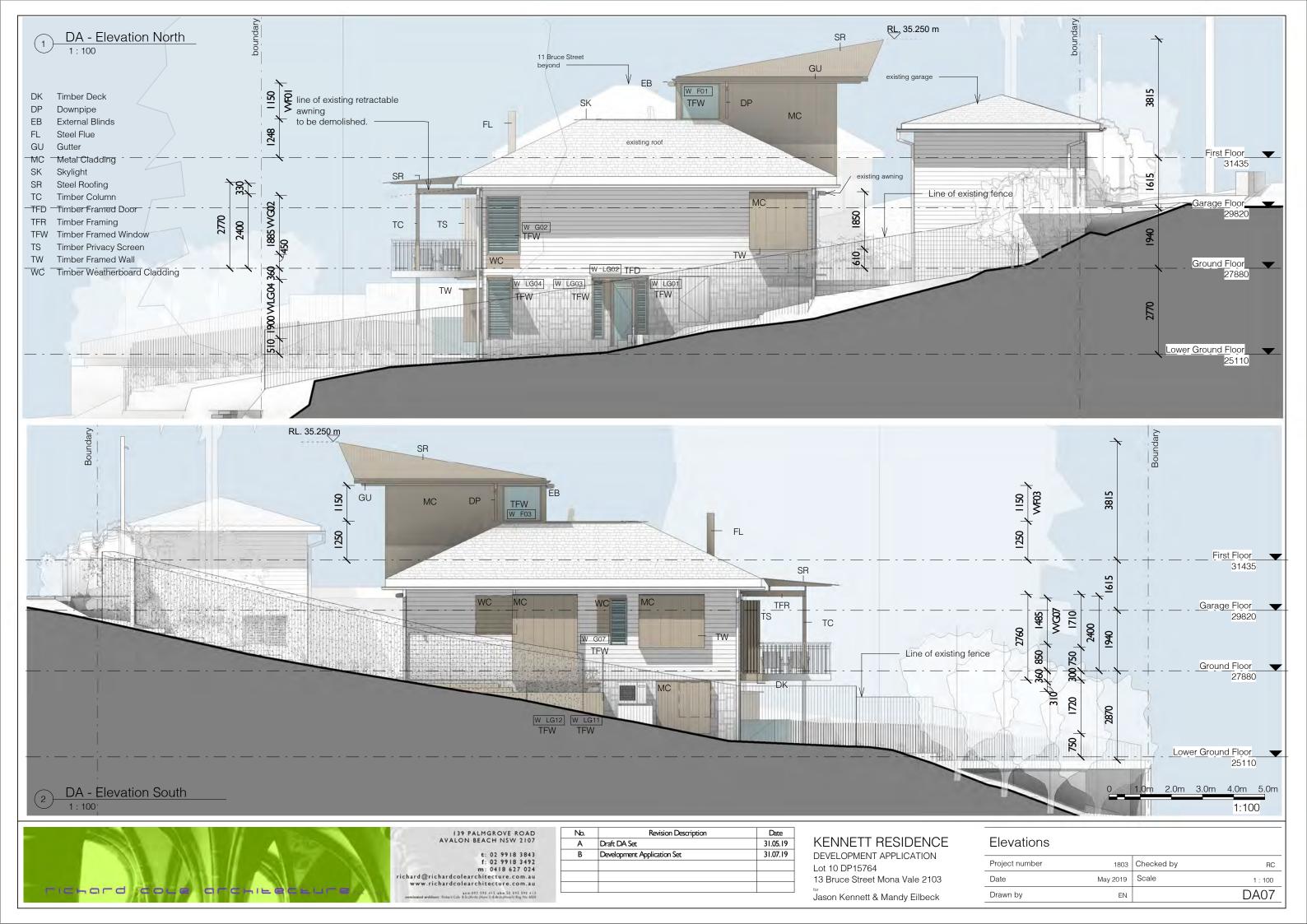
DA40

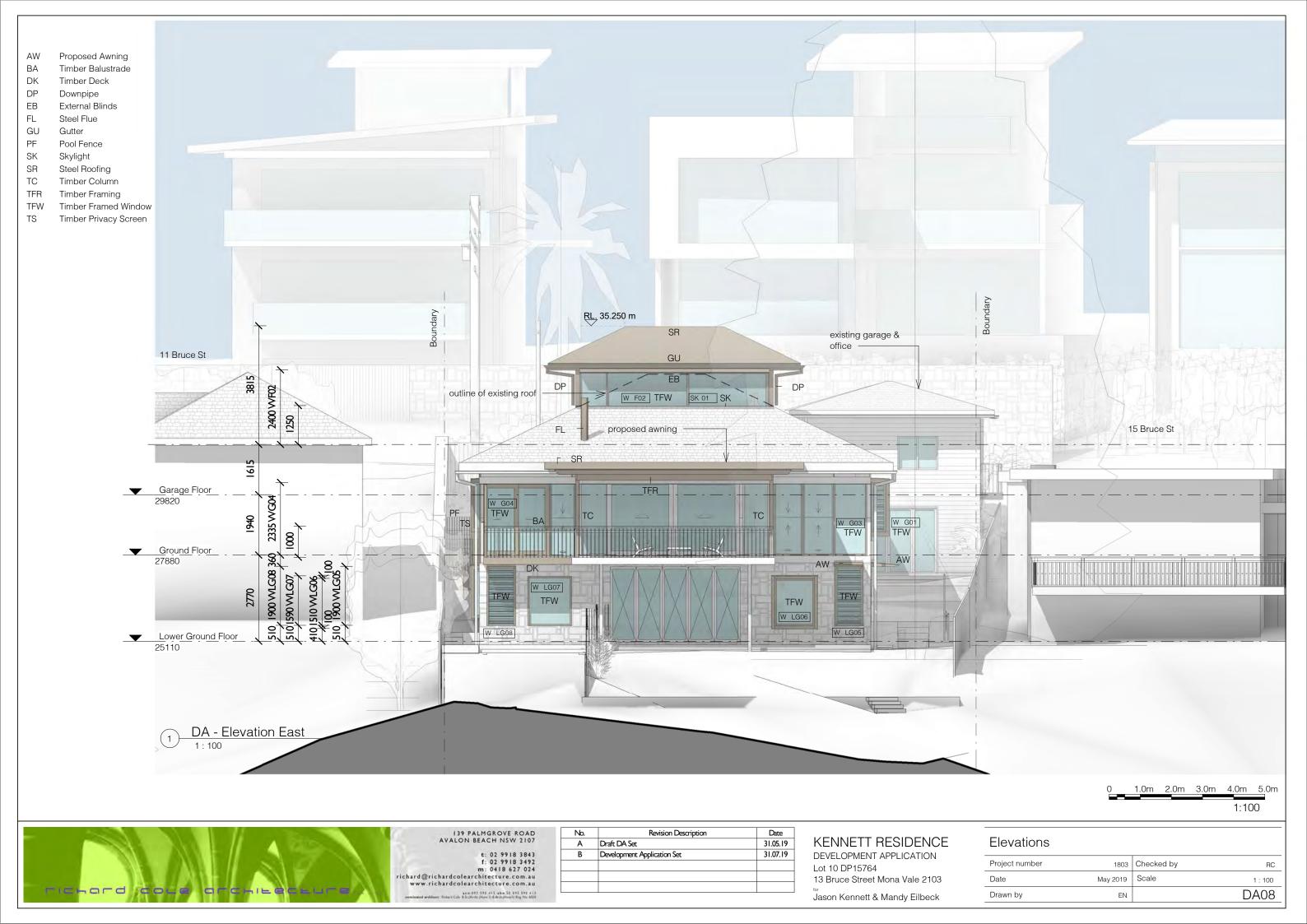
DA41

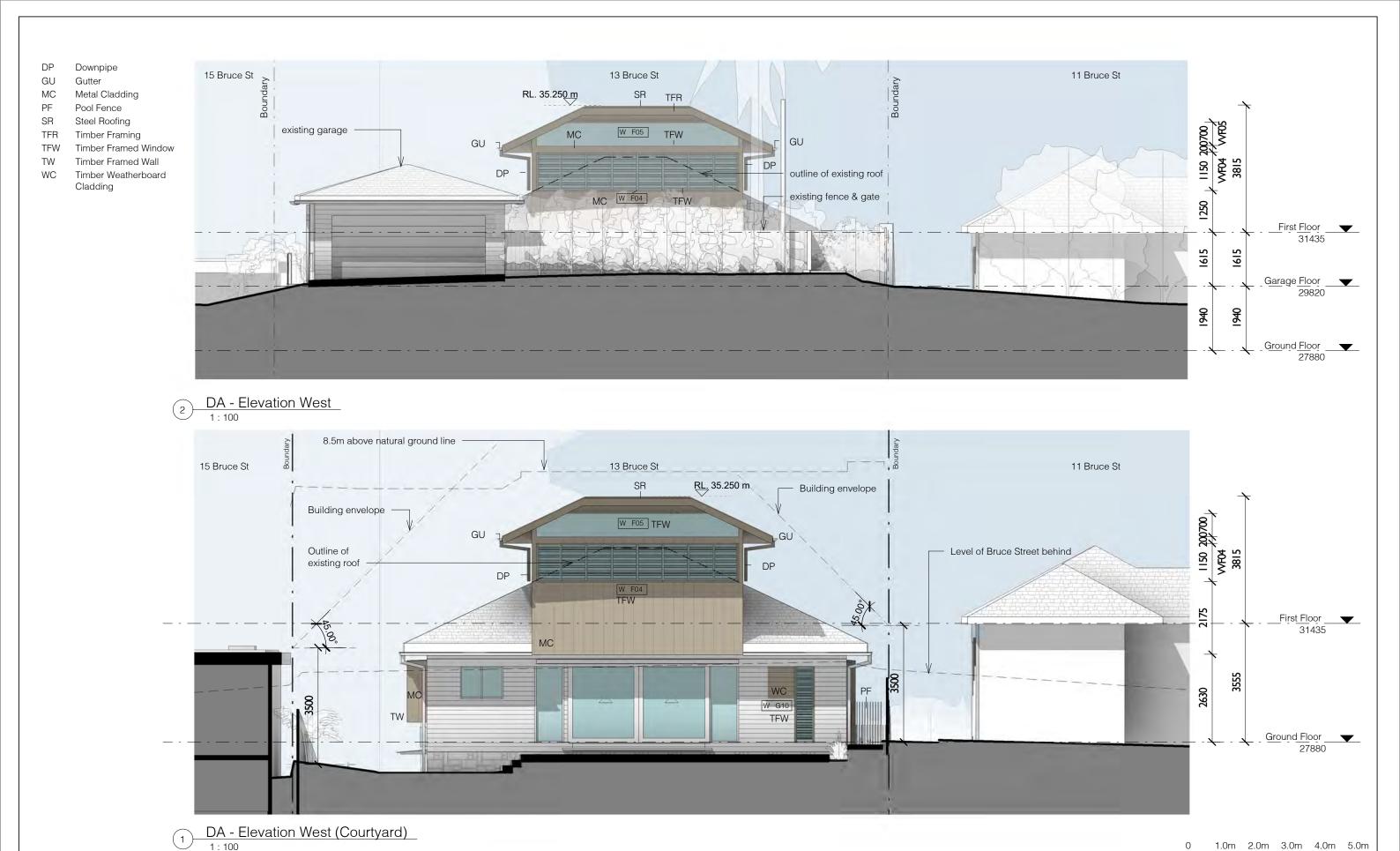












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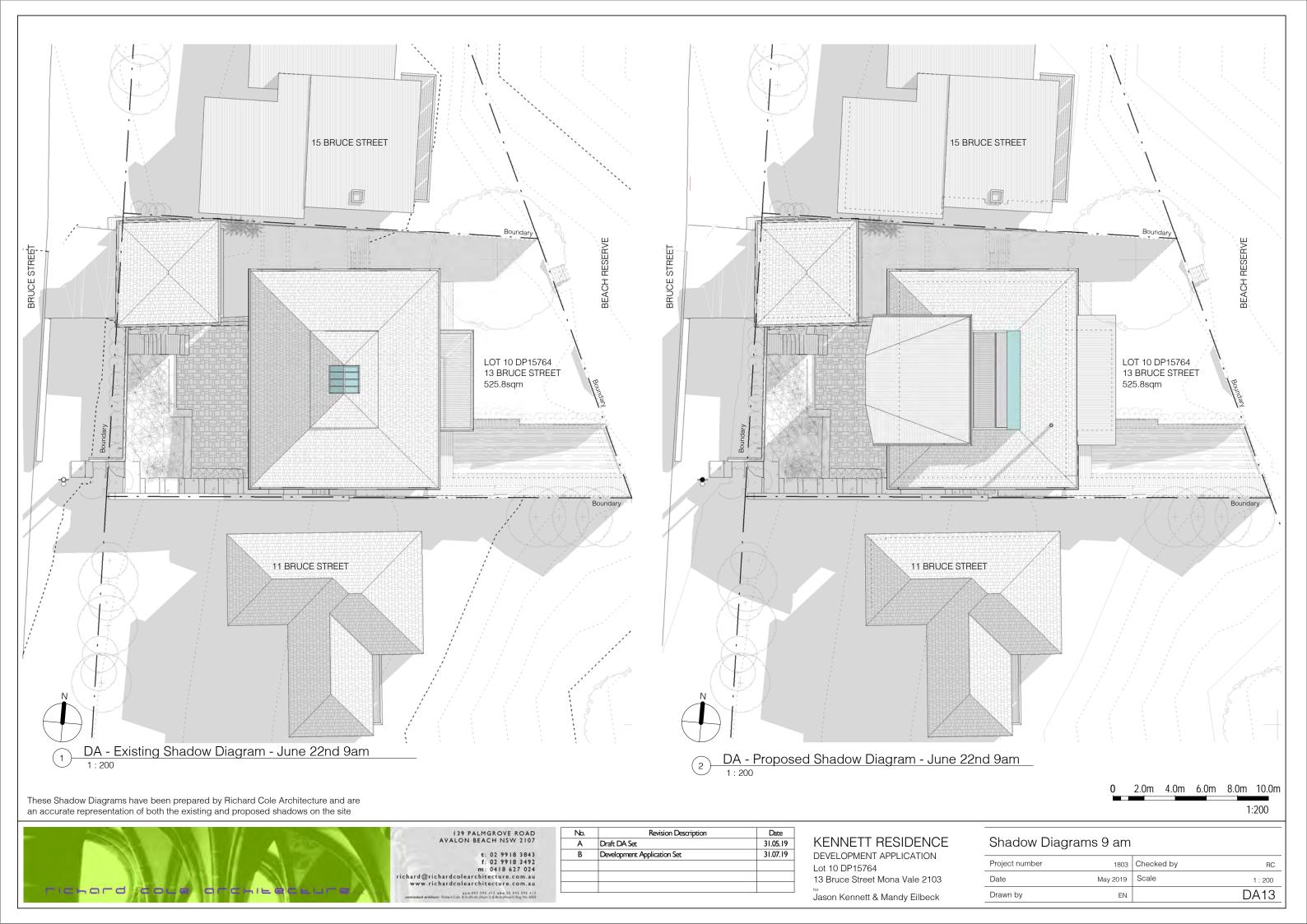
A Draft DA Set 31.05.19

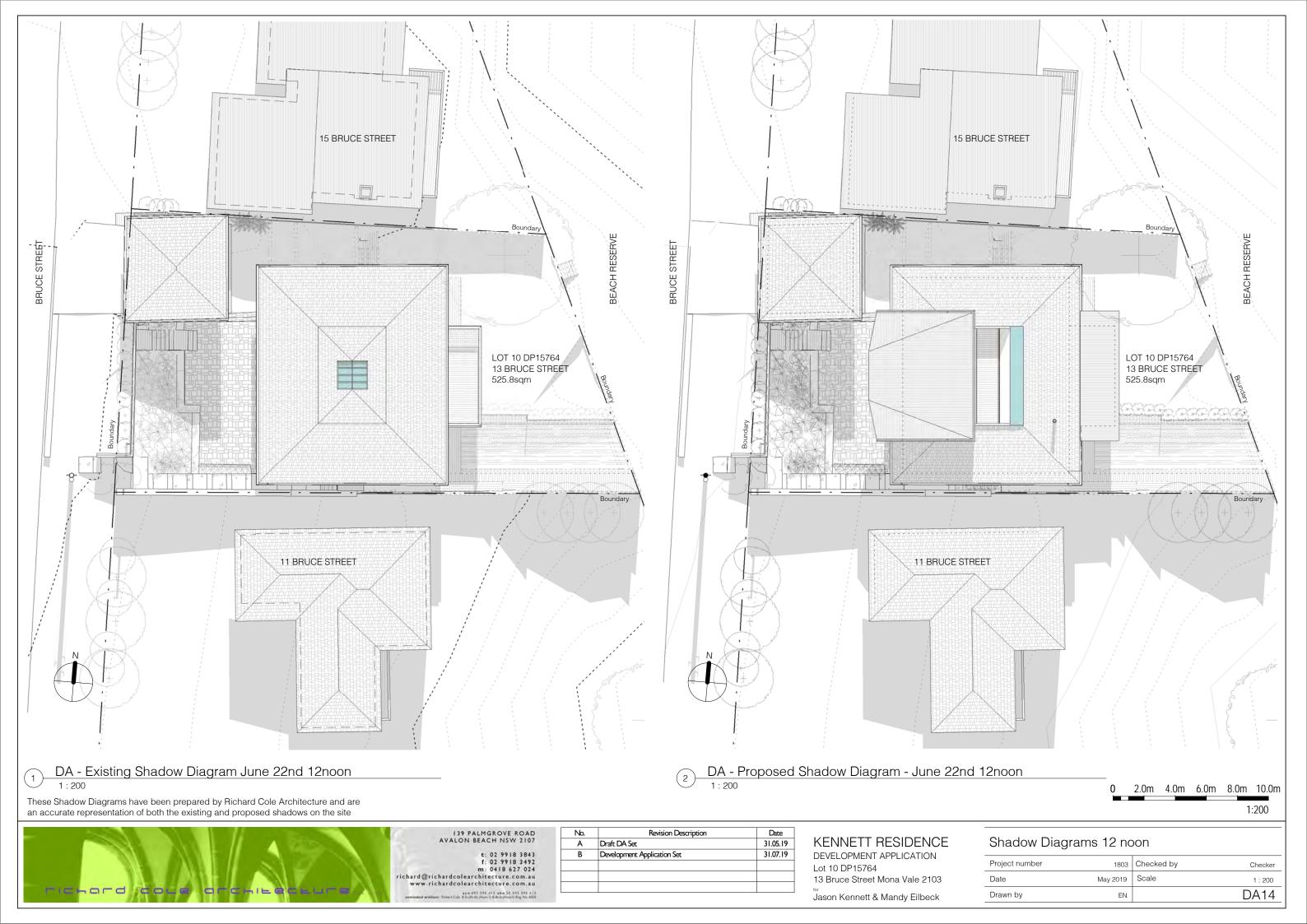
B Development Application Set 31.07.19

KENNETT RESIDENCE
DEVELOPMENT APPLICATION
Lot 10 DP15764
13 Bruce Street Mona Vale 2103
tor
Jason Kennett & Mandy Eilbeck

Elevation			
Project number	1803	Checked by	RC
Date	May 2019	Scale	1 : 100
Drawn by	KW		DA09

1:100





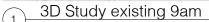


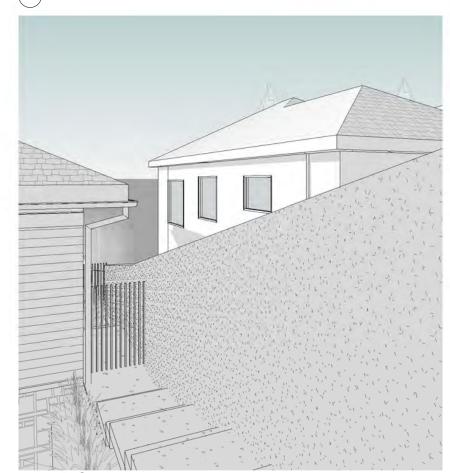
May 2019 Scale Date 1:200 EN DA15 Drawn by

13 Bruce Street Mona Vale 2103

Jason Kennett & Mandy Eilbeck



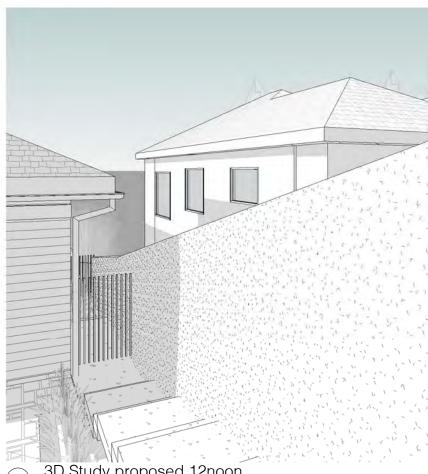




3D Study proposed 9am

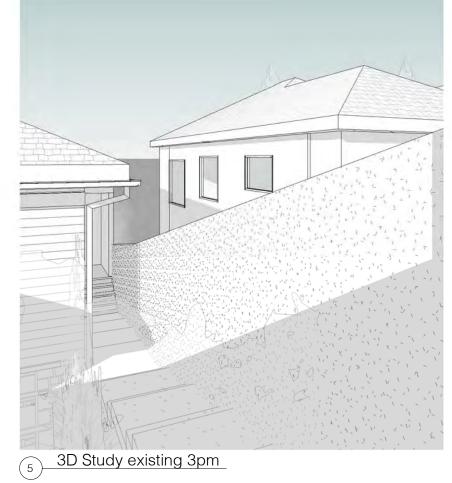


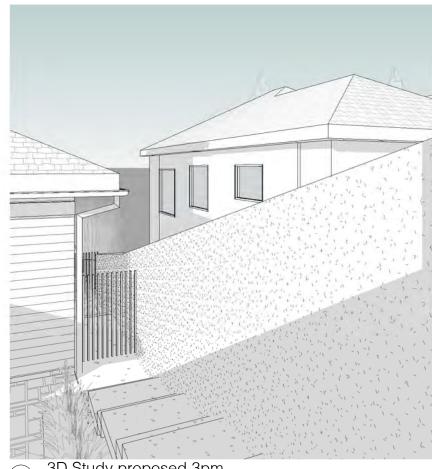
3D Study existing 12noon



3D Study proposed 12noon







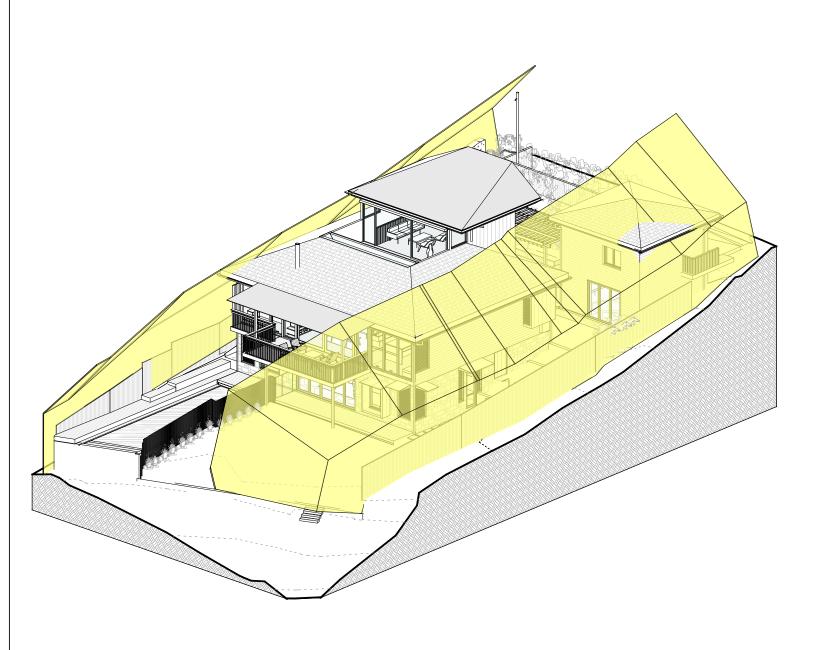
These Shadow Diagrams have been prepared by Richard Cole Architecture and are an accurate representation of both the existing and proposed shadows on the site

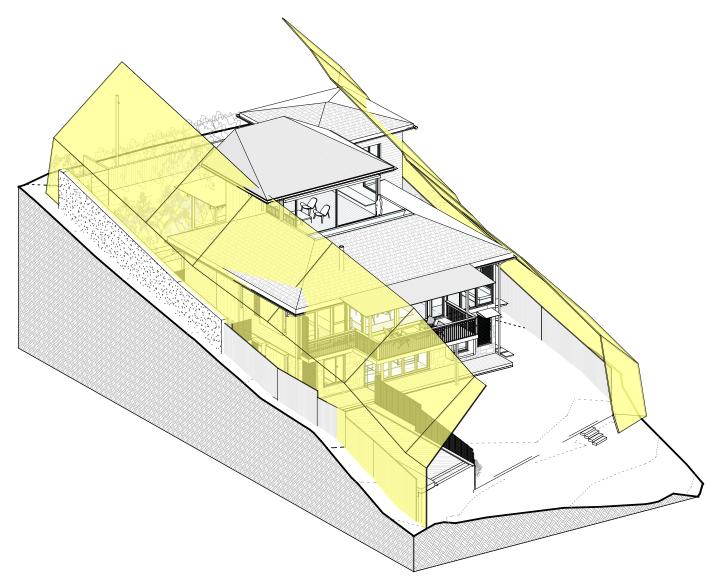
3D Study proposed 3pm

KENNETT RESIDENCE DEVELOPMENT APPLICATION Lot 10 DP15764 13 Bruce Street Mona Vale 2103

Jason Kennett & Mandy Eilbeck

Shadow Studies			
Project number	1803	Checked by	Checker
Date	May 2019	Scale	
Orawn by	KW		DA16





Building Envelope North

Building Envelope South

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No.	Revision Description	Date
Α	Draft DA Set	31.05.19
В	Development Application Set	31.07.19

KENNETT RESIDENCE
DEVELOPMENT APPLICATION
Lot 10 DP15764
13 Bruce Street Mona Vale 2103
for
Jason Kennett & Mandy Eilbeck

Building Envelope					
Project number	1803	Checked by	Checker		
Date	May 2019	Scale			
Drawn by	KW		DA17		







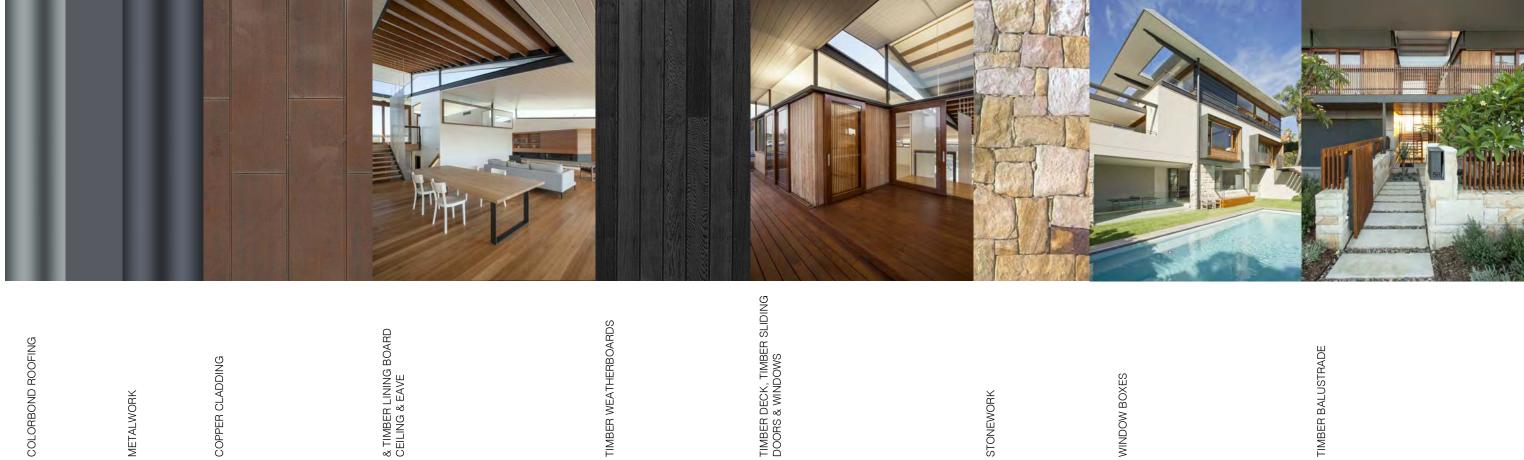
139 PALMGROVE ROAD AVALON BEACH NSW 2107

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as: 093 394 413 abs: 31 993 594 413
reminated architect: Educd Cale B.E.(Arch) (Hom.) B.Arch(Hom.) Reg. No. 5038

No.	Revision Description	Date
Α	Draft DA Set	31.05.19
В	Development Application Set	31.07.19

KENNETT RESIDENCE
DEVELOPMENT APPLICATION
Lot 10 DP15764
13 Bruce Street Mona Vale 2103
tor
Jason Kennett & Mandy Eilbeck

Photomontage)		
Project number	1803	Checked by	Checker
Date	May 2019	Scale	
Drawn by	KW		DA18



COPPER CLADDING

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TIMBER WEATHERBOARDS

STONEWORK

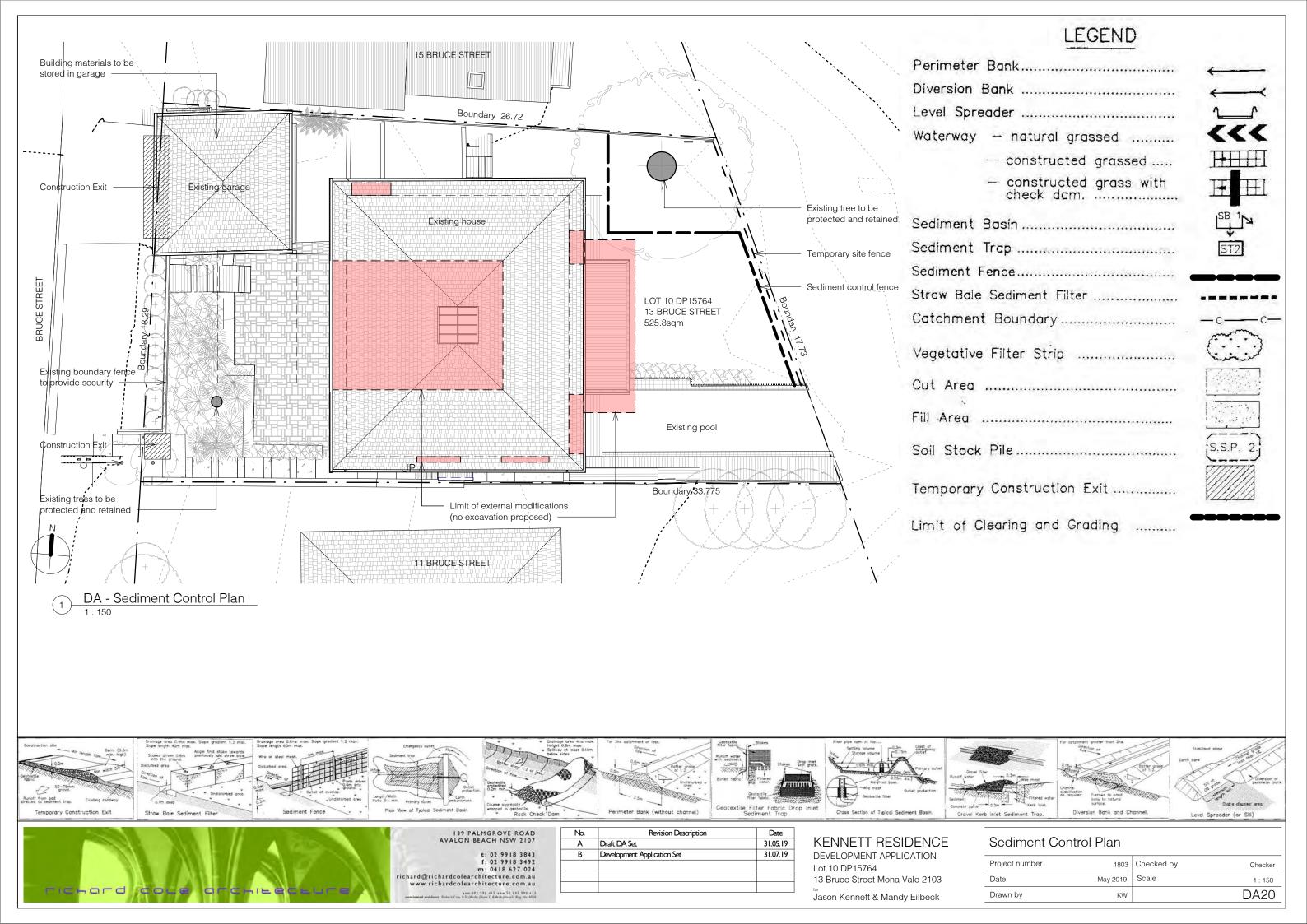
WINDOW BOXES

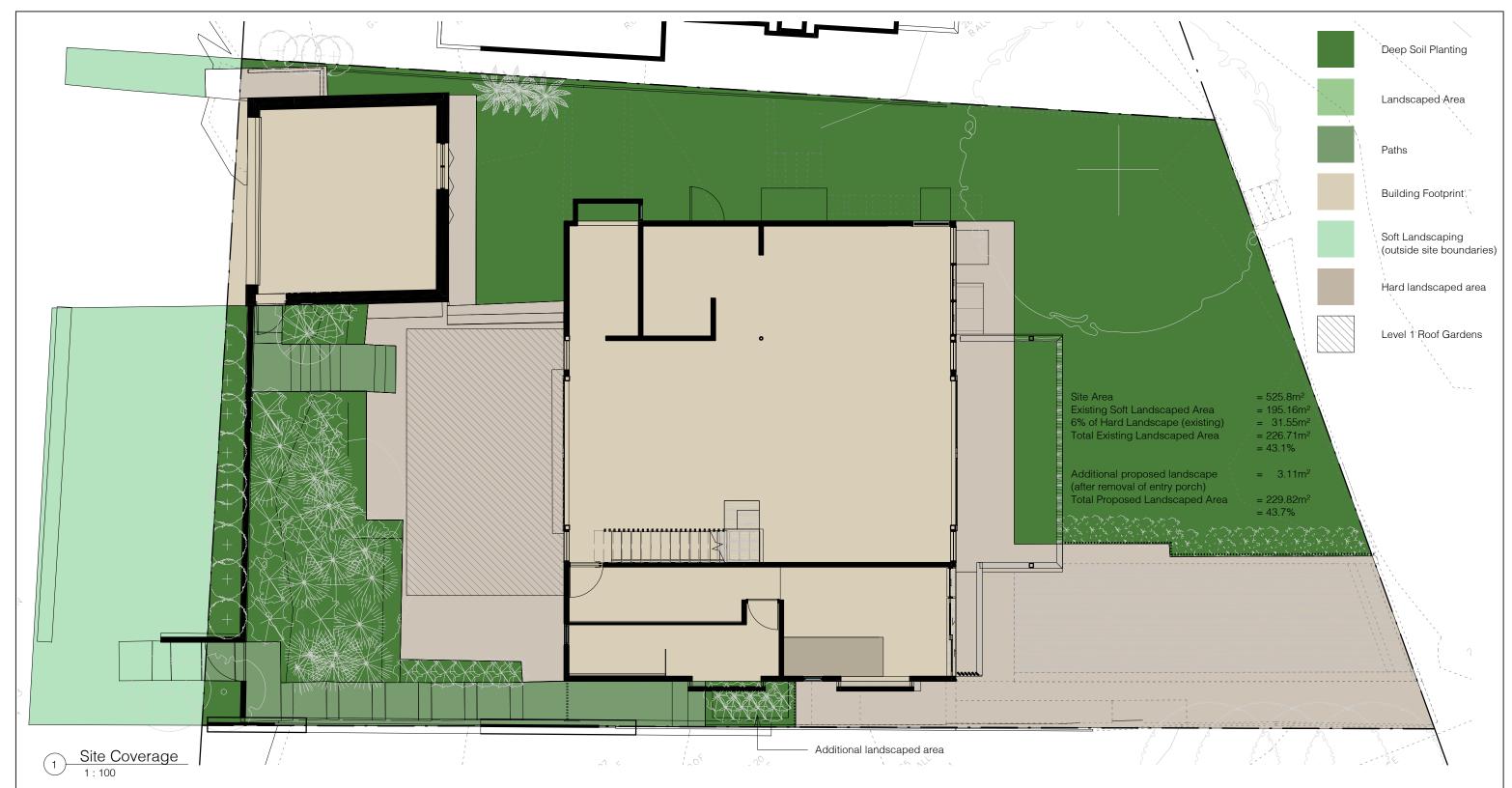
TIMBER BALUSTRADE

ĺ	No.	Revision Description	Date
	Α	Draft DA Set	31.05.19
	В	Development Application Set	31.07.19
п			

KENNETT RESIDENCE DEVELOPMENT APPLICATION Lot 10 DP15764 13 Bruce Street Mona Vale 2103 Jason Kennett & Mandy Eilbeck

Finishes Board			
Project number	1803	Checked by	Checker
Date	May 2019	Scale	
Drawn by	EN		DA19





Outcomes

Achieve the desired future character of the Locality. (S)

The bulk and scale of the built form is minimised. (En, S)

A reasonable level of amenity and solar access is provided and maintained. (En, S)

Vegetation is retained and enhanced to visually reduce the built form. (En)

Conservation of natural vegetation and biodiversity. (En)

Stormwater runoff is reduced, preventing soil erosion and siltation of natural drainage channels (Fn)

To preserve and enhance the rural and bushland character of the area. (En, S)

Soft surface is maximised to provide for infiltration of water to the water table, minimise runoff and assist with stormwater management.(En, S)

Controls

The total landscaped area on land zoned R2 Low Density Residential, R3 Medium Density Residential or E4 Environmental Living shall be 60% of the site area.

The use of porous materials and finishes is encouraged where appropriate.

Any alterations or additions to an existing dwelling shall provide a minimum 60% of the site area as landscaped area.

Split Zones

Variations

Provided the outcomes of this control are achieved, the following may be permitted on the landscaped proportion of the site:

impervious areas less than 1 metre in width (e.g. pathways and the like); for single dwellings on land zoned R2 Low Density Residential, R3 Medium Density Residential or E4 Environmental Living, up to 6% of the total site area may be provided as impervious landscape treatments providing these areas are for outdoor recreational

On lots where there is a split zoning and part of the lot is zoned RE1 Public Recreation, E2 Environmental Conservation or SP2 Infrastructure, the calculation for total landscaped area will be based only on that area not zoned RE1 Public Recreation, E2 Environmental Conservation or SP2 Infrastructure. It will not be based on the site area of the whole lot.

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В	31.07.19	

KENNETT RESIDENCE
DEVELOPMENT APPLICATION
Lot 10 DP15764
13 Bruce Street Mona Vale 2103
for
Jason Kennett & Mandy Eilbeck

Site Coverage			
Project number	1803	Checked by	Checker
Date	May 2019	Scale	1 : 100
Drawn by	KW		DA21

	Window Schedule for BASIX								
Type Mark	Mark	Keynote	Area	Length	Unconnected Height	Orientation	Blinds	Soreen	Comments
14/	F04	TFW	1.44	1050	1150	NI	F		
W	F01 F02	TFW	1.44	1250	2400	N E	Eaves over		External Blinds over
			14.60	6213			Eaves over		External Blinds over
W	F03	TFW TFW	7.00	1250 6213	1150 1150	S W	Eaves over		
W	F05	TFW	3.86	6213	4000	W	Found over		
W	G01	TFW	0.78	555	1595	E	Eaves over		
W	G02	TFW	2.08	1161	1885	N	Eaves over		
W	G02	TFW	7.06	3089	2335	E	Eaves over		
W	G03	TFW	7.06	3123	2375	E	Eaves over		Provide Manganese bronze insect mesh
W	G05	TFW	0.24	226	1455	E	Eaves over		Provide Manganese bronze insect mesh
W	G05	TFW	0.24	225	1455	W			
W	G07	TFW	0.24	565	1485	S	Eaves over		
W	G08	TFW	0.64	159	1435	E	Eaves over		
W	G09	TFW	0.22	160	1435	W			
W	G10	TFW	1.40	600	2337	W			
W	LG01	TFW	0.71	405	1760	N	External Awning		
W	LG01	TFD	1.93	800	2410	N	External Awning		
W	LG02	TFW	0.76	400	1900	N	External Awning		
W	LG03	TFW	1.58	900	1900	N	External Awning		
W	LG04	TFW	1.71	900	1900	E	External Awning		
W	LG05	TFW	1.94	1392	1510	E	Window Box		
W	LG07	TFW	2.24	1410	1590	E	Eaves over		
W	LG08	TFW	1.79	940	1900	E	Eaves over		
W	LG09	TFW	0.24	232	1485	E	24,00,0401		
W	LG10	TFW	0.24	232	1485	W			
W	LG11	TFW	0.28	966	310	S			
W	LG12	TFW	0.42	1350	310	S	Eaves over		

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139 PALMGROVE ROAD AVALON BEACH NSW 2107

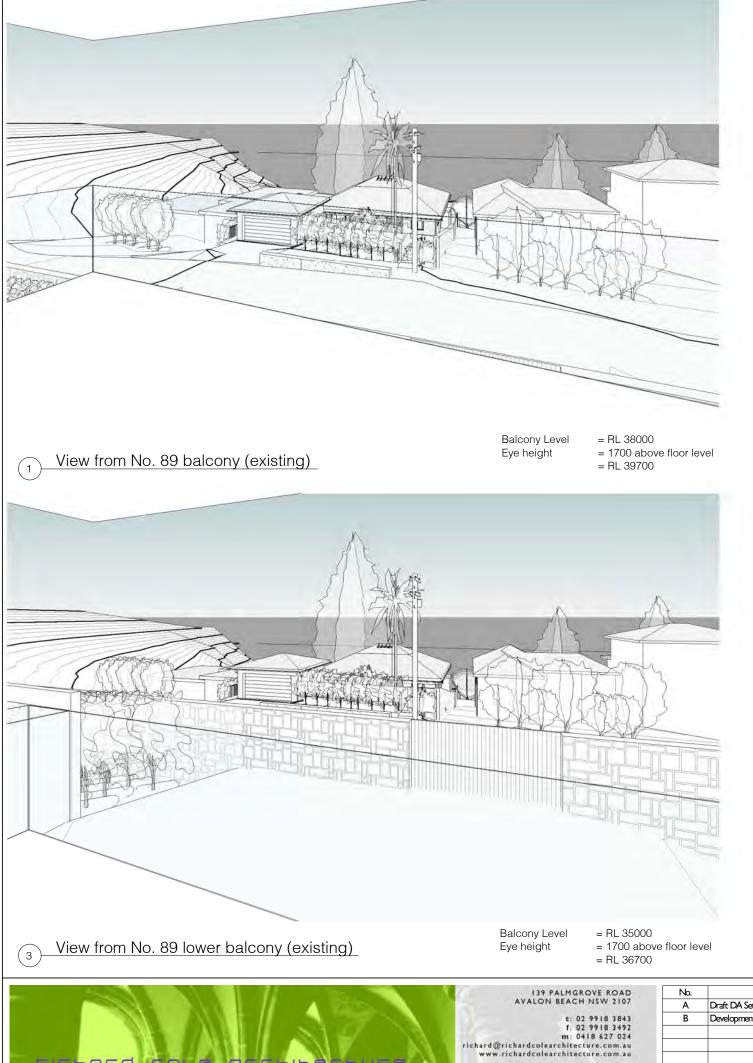
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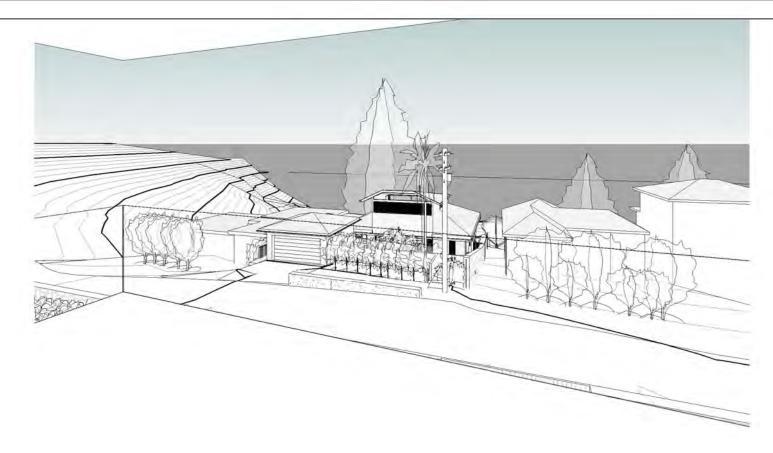
No.	Revision Description	Date
Α	Draft DA Set	31.05.19
В	Development Application Set	31.07.19

MENNETT RESIDENCE
DEVELOPMENT APPLICATION
Lot 10 DP15764
13 Bruce Street Mona Vale 2103

for
Jason Kennett & Mandy Eilbeck

Window Schedule for BASIX						
Project number	1803	Checked by	Checker			
Date	May 2019	Scale				
Drawn by	EN		DA22			





View from No. 89 balcony (proposed)

Balcony Level = RL 38000 = 1700 above floor level = RL 39700 Eye height



View from No. 89 lower balcony (proposed)

Balcony Level Eye height = RL 36700

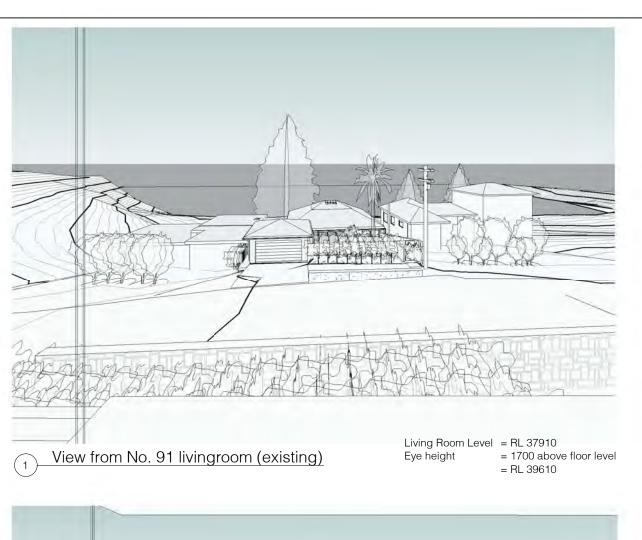
= RL 35000 = 1700 above floor level

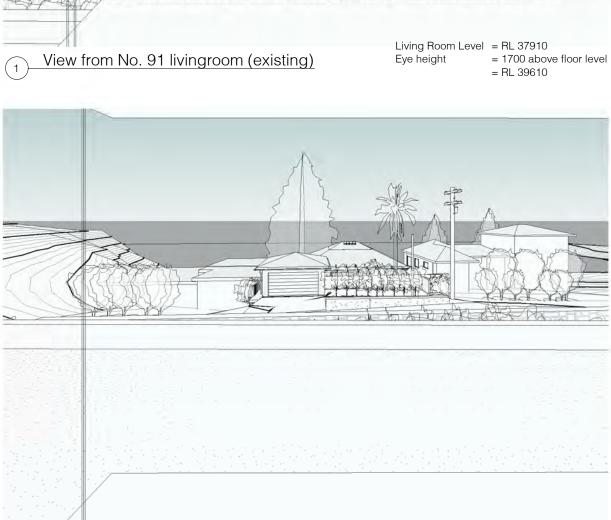
Date Revision Description 31.05.19 Draft DA Set Development Application Set 31.07.19

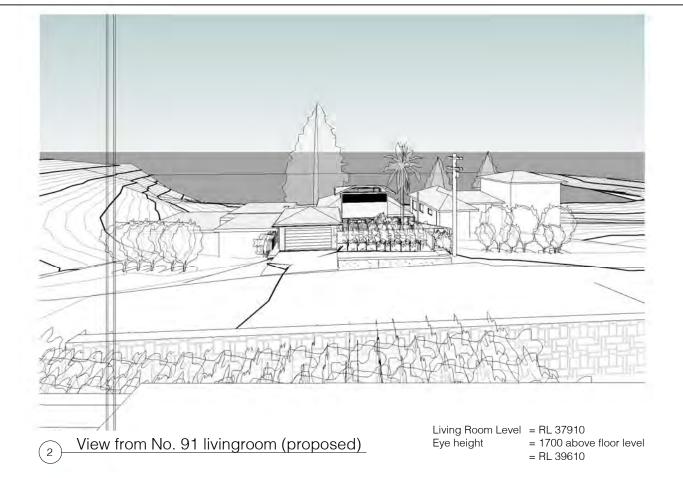
KENNETT RESIDENCE DEVELOPMENT APPLICATION Lot 10 DP15764 13 Bruce Street Mona Vale 2103

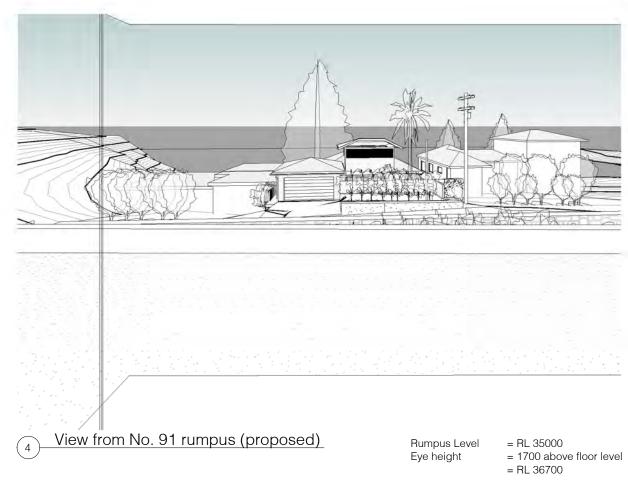
Jason Kennett & Mandy Eilbeck

View Studies (89 NPP)					
Project number	1803	Checked by	Checker		
Date	May 2019	Scale			
Drawn by	KW		DA30		











View from No. 91 rumpus (existing)

Rumpus Level

Eye height

139 PALMGROVE ROAD	No.	Revision Description
AVALON BEACH NSW 2107	Α	Draft DA Set
t: 02 9918 3843	В	Development Application Set
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rd@richardcolearchitecture.com.au		
ww.richardcolearchitecture.com.au		
acm:092 598 415 abm:58 593 598 415		•

= RL 35000 = 1700 above floor level = RL 36700

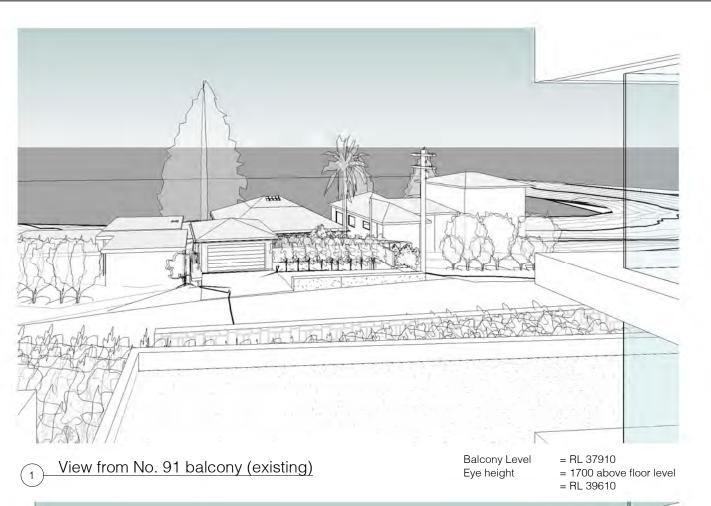
KENNETT RESIDENCE DEVELOPMENT APPLICATION Lot 10 DP15764 13 Bruce Street Mona Vale 2103

Jason Kennett & Mandy Eilbeck

Date

31.05.19 31.07.19

View Studies (91 NPP)							
Project number	1803	Checked by	Checker				
Date	May 2019	Scale					
Drawn by	KW		DA31				

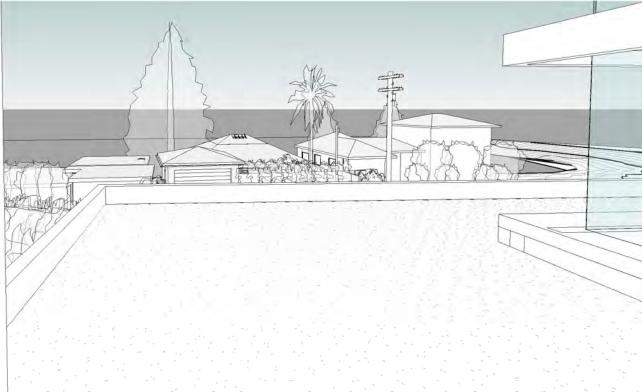


= RL 37910

View from No. 91 balcony (proposed)

Balcony Level Eye height

= 1700 above floor level = RL 39610



View from No. 91 lower balcony (existing)

Balcony Level Eye height

- = RL 35000 = 1700 above floor level
- = RL 36700

View from No. 91 lower balcony (proposed)

Balcony Level Eye height

= RL 35000

= 1700 above floor level

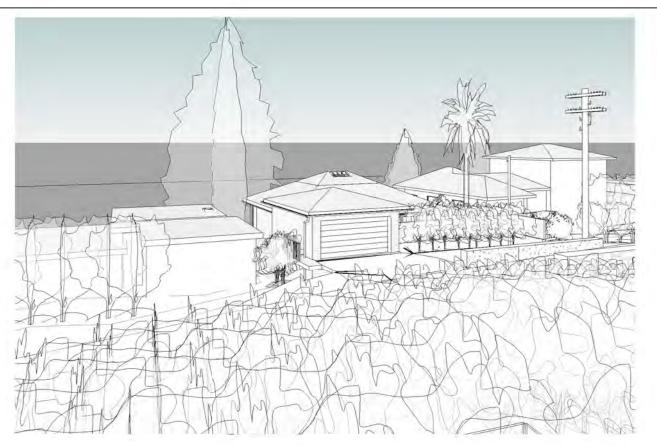
= RL 36700

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PALMGROVE ROAD	No.	Revision Description	Date
N BEACH NSW 2107	Α	Draft DA Set	31.05.19
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architecture.com.au			
architecture.com.au			
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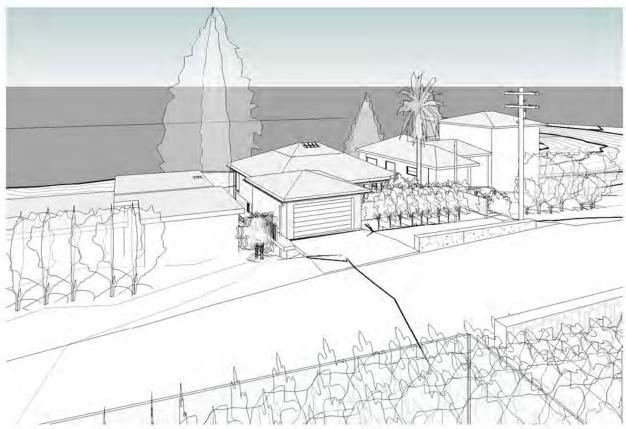
KENNETT RESIDENCE DEVELOPMENT APPLICATION Lot 10 DP15764 13 Bruce Street Mona Vale 2103 Jason Kennett & Mandy Eilbeck

View Studies (91 NPP) Project number 1803 Checked by Checker Date May 2019 Scale KW DA32 Drawn by



View from No.93 lower balcony (existing)

Living Room Level = RL 34550 Eye height = 1700 above = 1700 above floor level = RL 36250



View from No. 93 upper balcony (existing)

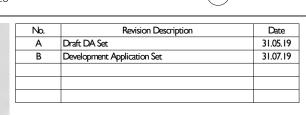
Balcony Level Eye height

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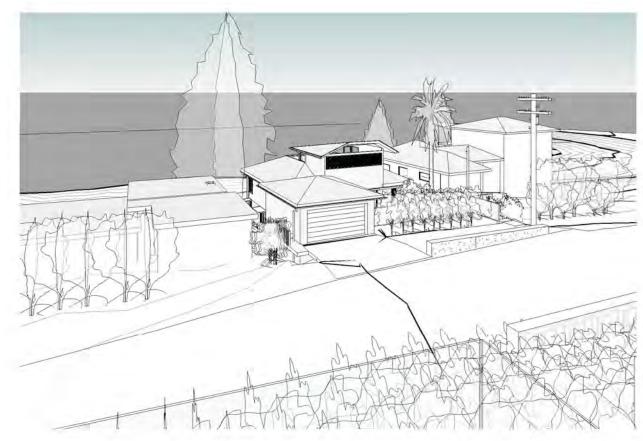
= RL 37820 = 1700 above floor level

= RL 39520



View from No. 93 lower balcony (proposed)

Living Room Level = RL 34550 Eye height = 1700 above = 1700 above floor level = RL 36250



View from No. 93 upper balcony (proposed)

Jason Kennett & Mandy Eilbeck

Balcony Level Eye height

= RL 37820

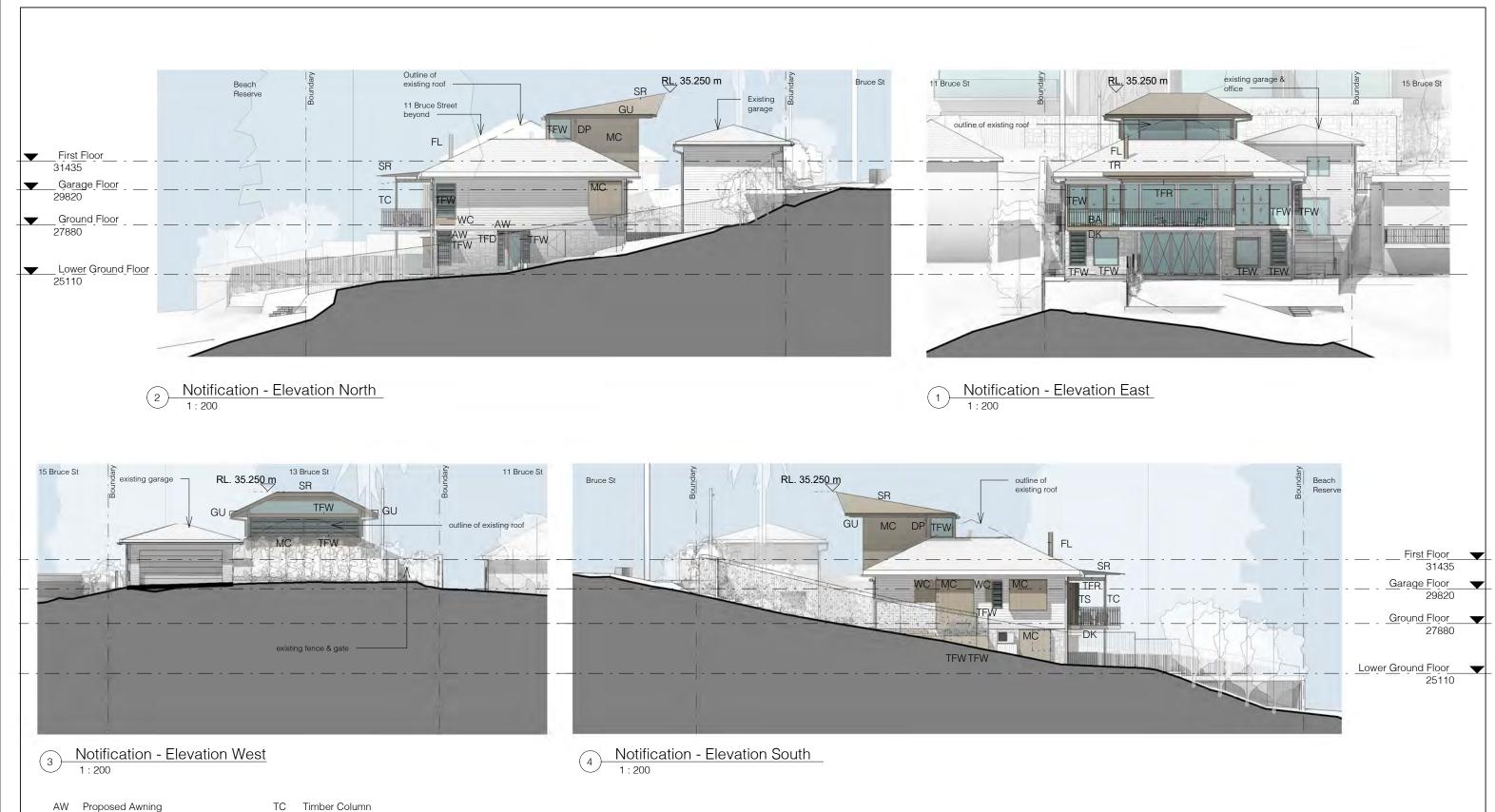
= 1700 above floor level = RL 39520

KENNETT RESIDENCE DEVELOPMENT APPLICATION Lot 10 DP15764 13 Bruce Street Mona Vale 2103

View Studies (93 NNP)

view Studies (35 MM)							
Project number	1803	Checked by	Checker				
Date	May 2019	Scale					
Drawn by	KW		DA33				





Timber Balustrade

DK Timber Deck DP Downpipe

FL

GU Gutter MC Metal Cladding

Steel Roofing

TC Timber Column

Timber Framed Door

TFR Timber Framing

TFW Timber Framed Window

TR Tiled Roof

TS Timber Privacy Screen

WC Timber Weatherboard Cladding

139 PALMGROVE ROAD AVALON BEACH NSW 2107 No. Revision Description Date Draft DA Set 31.05.19 t: 02 9918 3843 f: 02 9918 3492 m: 0418 627 024 richard@richardcolearchitecture.com.au www.richardcolearchitecture.com.au Development Application Set В 31.07.19

KENNETT RESIDENCE DEVELOPMENT APPLICATION Lot 10 DP15764 13 Bruce Street Mona Vale 2103

Jason Kennett & Mandy Eilbeck

Notification Elevations						
Project number	1803	Checked by	Checker			
Date	May 2019	Scale	1 : 200			
Drawn by	KW		DA41			

0 2.0m 4.0m 6.0m 8.0m 10.0m

1:200