

BASIX Certificate

Rainwater tank

The applicant with, the requ

Outdoor swimming pool

The swimming pool must not have a capacity greater than 59 kilolitres.

The swimming pool must have a pool cover.

The applicant must install a pool pump timer for the swimming pool.

The spa must have a spa cover.

The applicant must install a spa pump timer.

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 taps have a flow rate no greater than 9 litres per minute or minimum 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.

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

Alterations and Add

Certificate nu	mber:	A422366
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Pool and Spa			

nt must install a rainwater tank of at least 5950 litres on the site. This rainwater tank must meet, and be installed in accordance juirements of all applicable regulatory authorities.

The applicant must configure the rainwater tank to collect rainwater runoff from at least 100 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 and outdoor spa.

The swimming pool must be outdoors.

The applicant must not incorporate any heating system for the swimming pool that is part of this development.

Outdoor spa

The spa must not	have a capacit	greater than	6.3 kilolitres.

The applicant must install the following heating system for the outdoor spa that is part of this development: electric heat pump.

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	

Window/door	ndow / door Orientation Area of Overshadowing Shading device	Frame and glass type				
no.	glass inc. frame (m2)	Height (m)	Distance (m)			
D11	W	6.7	0	0	eave/verandah/pergola/balcony	improved aluminium, single pyrolytic low-e

Construction	Additional insulation required (R-value)	Other specifications
concrete slab on ground floor.	nil	
suspended floor above garage: framed R0.7).	nil	
foor above existing dwelling or building.	nil	
external wall: brick veneer	R1.16 (or R1.70 including construction)	
external wall: cavity brick	nil	
external wall: framed (weatherboard, fibro, metal dad)	R1.30 (or R1.70 including construction)	
external wall: other/undecided	R1.70 (including construction)	
nternal wall shared with garage: single skin masonry (R0.18)	nil	
flat ceiling, pitched roof	œiling: R2.50 (up), roof: foil/sarking	medium (solar absorptance 0.475 - 0.70)
aked ceiling, pitched/skillion roof; framed	œiling: R2.50 (up), roof: foil/sarking	medium (solar absorptance 0.475 - 0.70)

RAIN WATER TANKS.

Window/door Orientation no.	AND DESCRIPTION OF THE PARTY OF	Orientation	Area of	Oversha	dowing	Shading device	Frame and glass type
	glass inc. frame (m2)	Height (m)	Distance (m)				
W1	N	1.07	0	0	external louvre/blind (adjustable)	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)	
W2	s	0.55	0	0	eave/verandah/pergola/balcony >=600 mm	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)	
W3	N	1.08	0	0	projection/height above sill ratio >=0.29	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)	
W4	N	1.02	0	0	external louvre/blind (adjustable)	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)	
W5	N	1.88	0	0	external louvre/blind (adjustable)	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)	
W6	N	4.8	0	0	external louvre/blind (adjustable)	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)	
W7	N	4	0	0	external louvre/blind (adjustable)	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)	
W8	s	1.3	0	0	rone	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)	
W9	S	1.3	0	0	rone	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)	
W10	S	0.67	0	0	rone	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)	
W11	S	1.88	0	0	rone	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)	
W12	W	3	0	0	eave/verandah/pergola/balcony >=900 mm	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)	
W13	N	3.32	0	0	eave/verandah/pergola/balcony >=450 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)	

Mindow / door	Orientation	Area of			Shading device	Frame and glass type
	Height (m)	Distance (m)				
W27	s	1.08	0	0	eave/verandah/pergola/balcony >=450 mm	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)
W28	W	2.05	0	0	eave/verandah/pergola/balcony >=450 mm	aluminium, single Lo-Tsol low-e, (U-value: 5.6, SHGC: 0.36)
W29	W	4.2	0	0	eave/verandah/pergola/balcony >=600 mm	improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46)
01	N	11.3	0	0	eave/verandah/pergola/balcony >=900 mm	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)
02	N	9.07	0	0	eave/verandah/pergola/balcony >=900 mm	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)
03	W	6.3	0	0	eave/verandah/pergola/balcony >=900 mm	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)
04	E	11	0	0	eave/verandah/pergola/balcony >=900 mm	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)
05	E	8	0	0	pergola (adjustable shade) >=900 mm	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)
06	E	10.2	0	0	eave/verandah/pergola/balcony >=900 mm	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)
07	W	4.7	0	0	eave/verandah/pergola/balcony >=900 mm	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)
08	E	3.9	0	0	eave/verandah/pergola/balcony >=450 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)
09	E	3.9	0	0	eave/verandah/pergola/balcony	standard aluminium, single pyrolytic low-e.

0.68

0.68

2.5

0.51

1.08

1.08

W17

W18

W20

W21

W22

W23

W24

W25

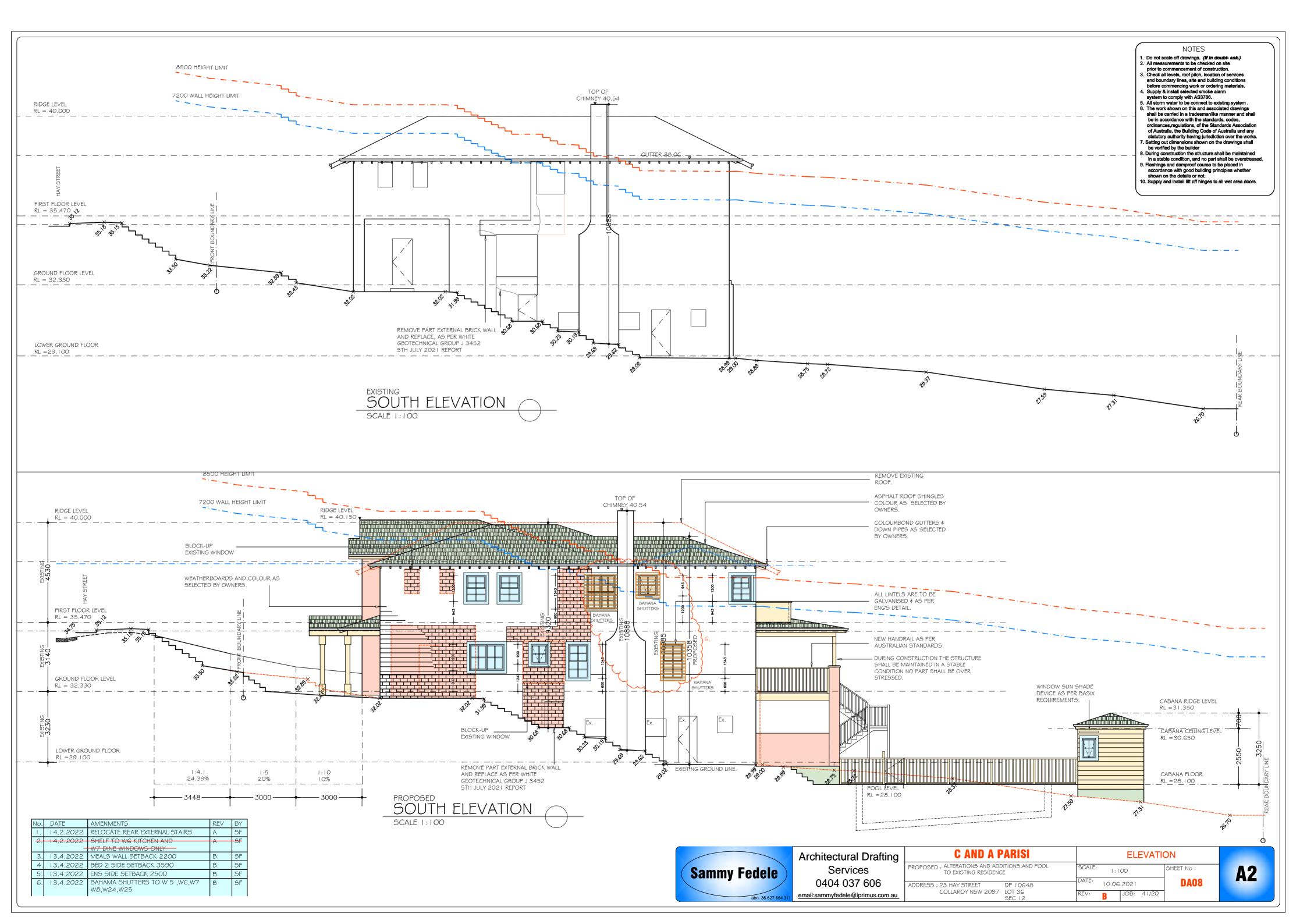
W26

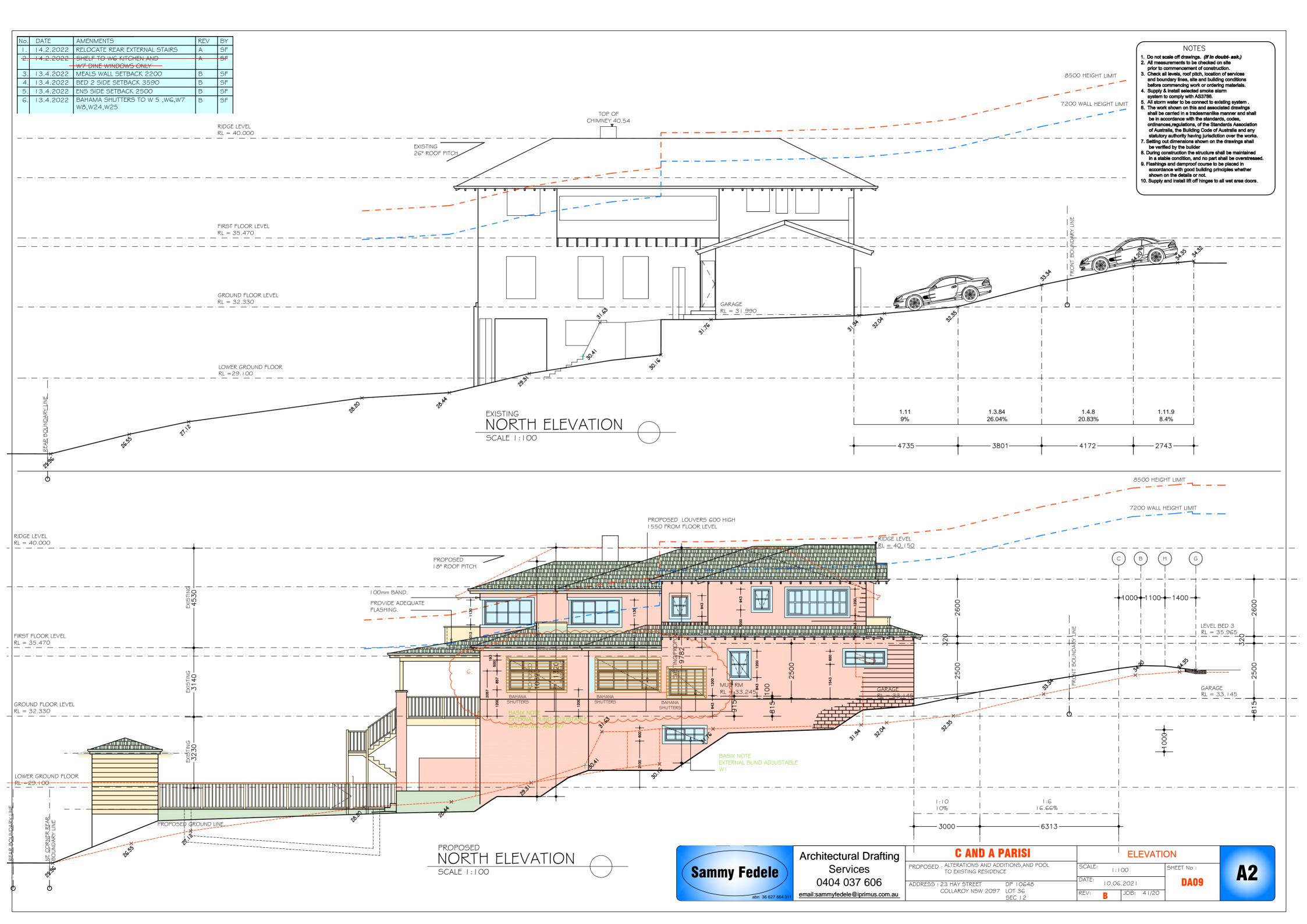
	Shading device	Frame and glass type		_
	eave/verandah/pergola/balcony >=450 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)		Ś
	eave/verandah/pergola/balcony >=450 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)		
	eave/verandah/pergola/balcony >=450 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)		
	eave/verandah/pergola/balcony >=450 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)		
	eave/verandah/pergola/balcony >=450 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)		_
	cave/verandah/pergola/balcony	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)	_	
	eave/verandah/pergola/balcony >=450 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)		
	eave/verandah/pergola/balcony >=450 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)		
	eave/verandah/pergola/balcony >=450 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)		
	eave/verandah/pergola/balcony >=450 mm	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)		
Ī	eave/verandah/pergola/balcony >=450 mm	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)		2
	eave/verandah/pergola/balcony >=450 mm	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)	S AND A DARICI	
Ī	eave/verandah/pergola/balcony >=450 mm	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)	٦	7

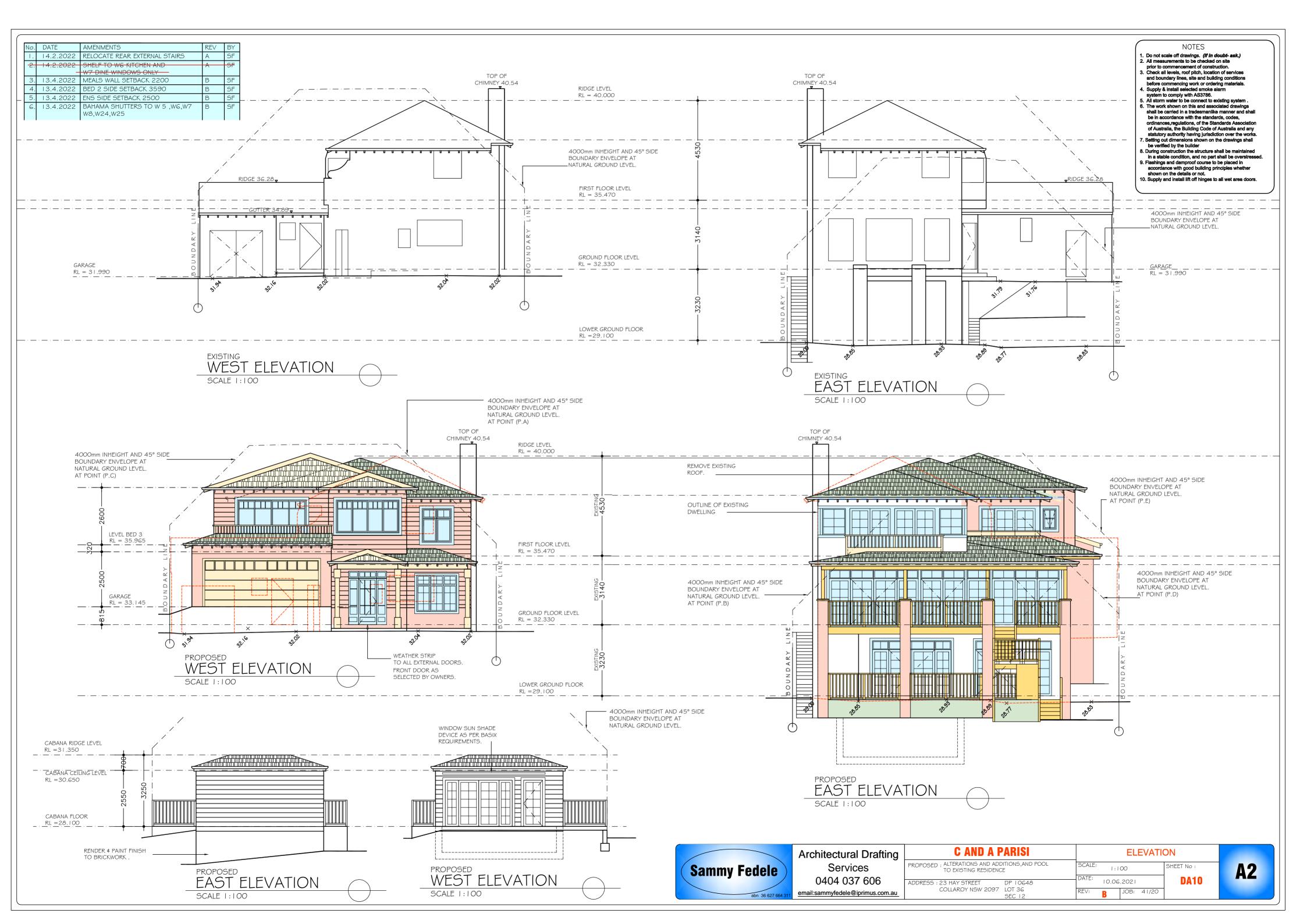
ndow / door	Orientation	Area of	Oversha	dowing	Shading device	Frame and glass type
		glass inc. frame (m2)	Height (m)	Distance (m)		
27	S	1.08	0	0	eave/verandah/pergola/balcony >=450 mm	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)
28	W	2.05	0	0	eave/verandah/pergola/balcony >=450 mm	aluminium, single Lo-Tsol low-e, (U-value: 5.6, SHGC: 0.36)
29	W	4.2	0	0	eave/verandah/pergola/balcony >=600 mm	improved aluminium, single pyrolytic low-e (U-value: 4.48, SHGC: 0.46)
	N	11.3	0	0	eave/verandah/pergola/balcony >=900 mm	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)
	N	9.07	0	0	eave/verandah/pergola/balcony >=900 mm	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)
	W	6.3	0	0	eave/verandah/pergola/balcony >=900 mm	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)
	E	11	0	0	eave/verandah/pergola/balcony >=900 mm	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)
	E	8	0	0	pergola (adjustable shade) >=900 mm	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)
	E	10.2	0	0	eave/verandah/pergola/balcony >=900 mm	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)
	w	4.7	0	0	eave/verandah/pergola/balcony >=900 mm	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)
	E	3.9	0	0	eave/verandah/pergola/balcony >=450 mm	standard aluminium, single pyrolytic low-e (U-value: 5.7, SHGC: 0.47)
	E	3.9	0	0	eave/verandah/pergola/balcony >=450 mm	standard aluminium, single pyrolytic low-e (U-value: 5.7, SHGC: 0.47)
0	E	3.9	0	0	eave/verandah/pergola/balcony >=450 mm	standard aluminium, single pyrolytic low-e (U-value: 5.7, SHGC: 0.47)

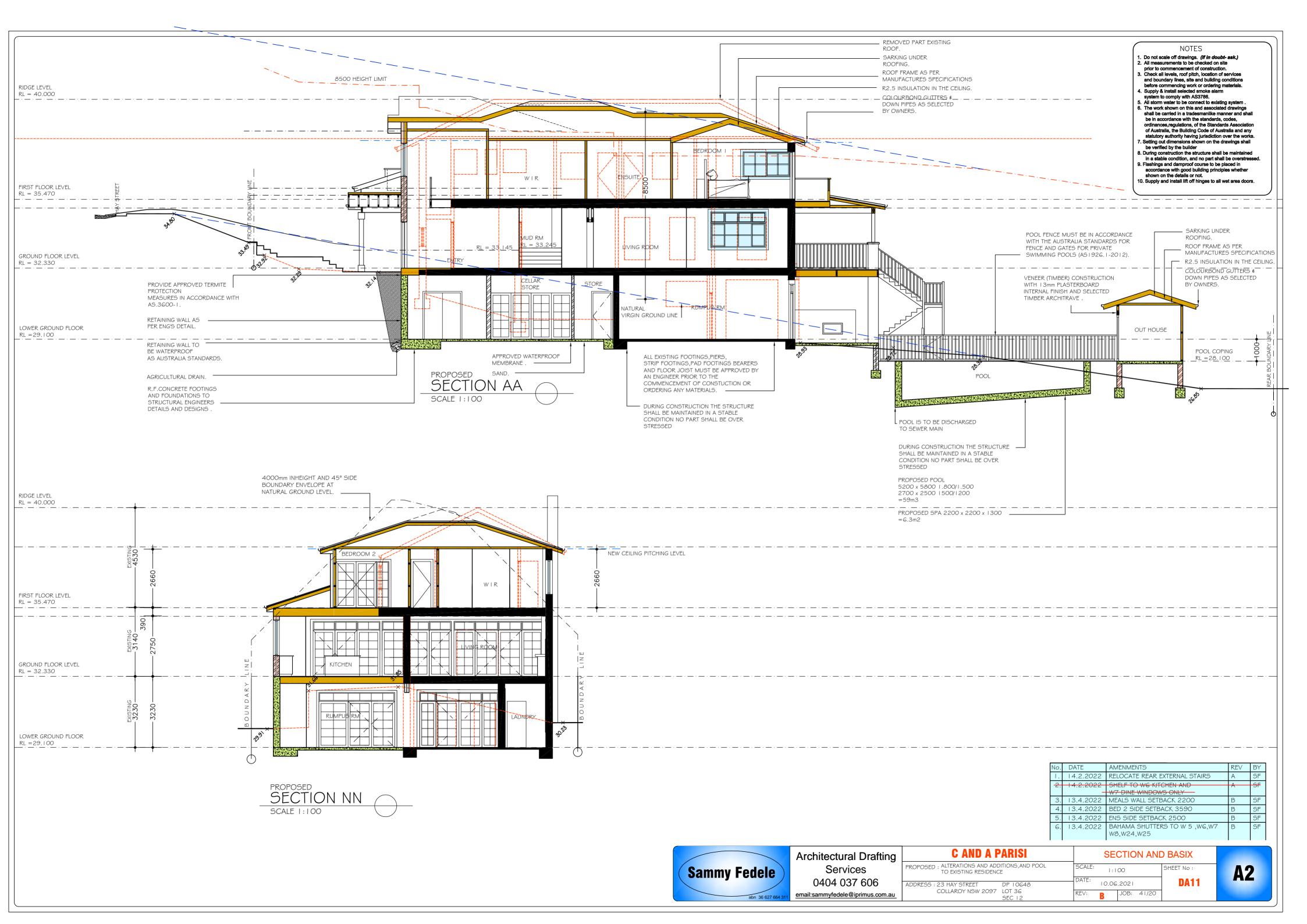


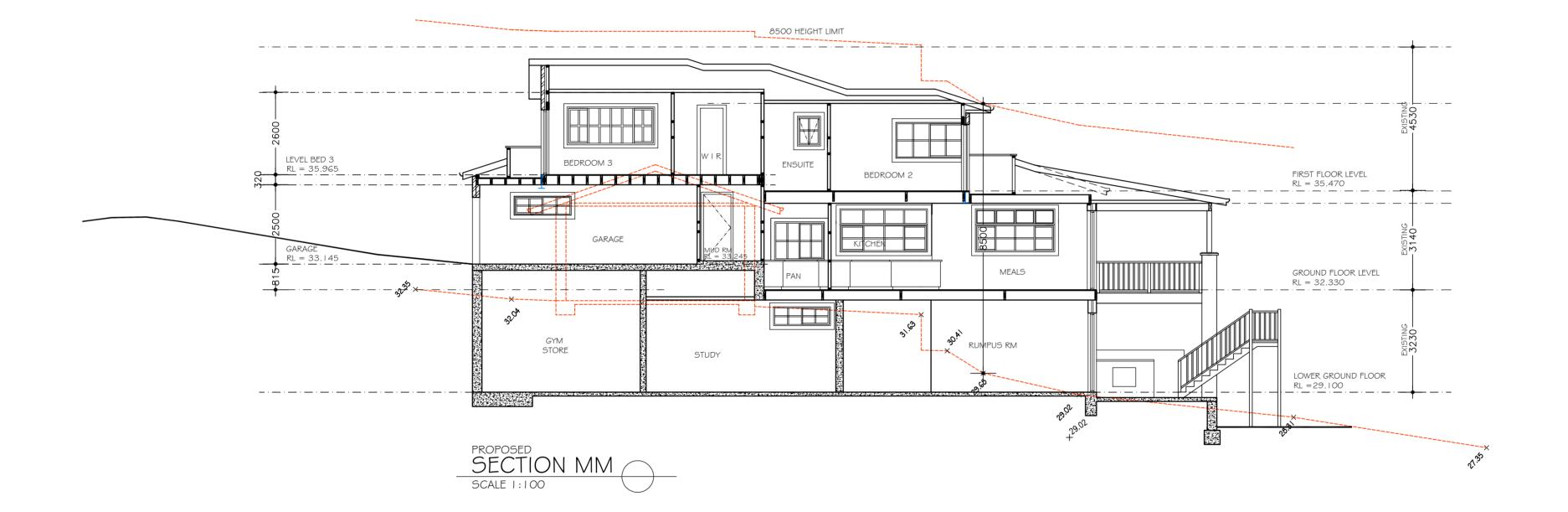
A2











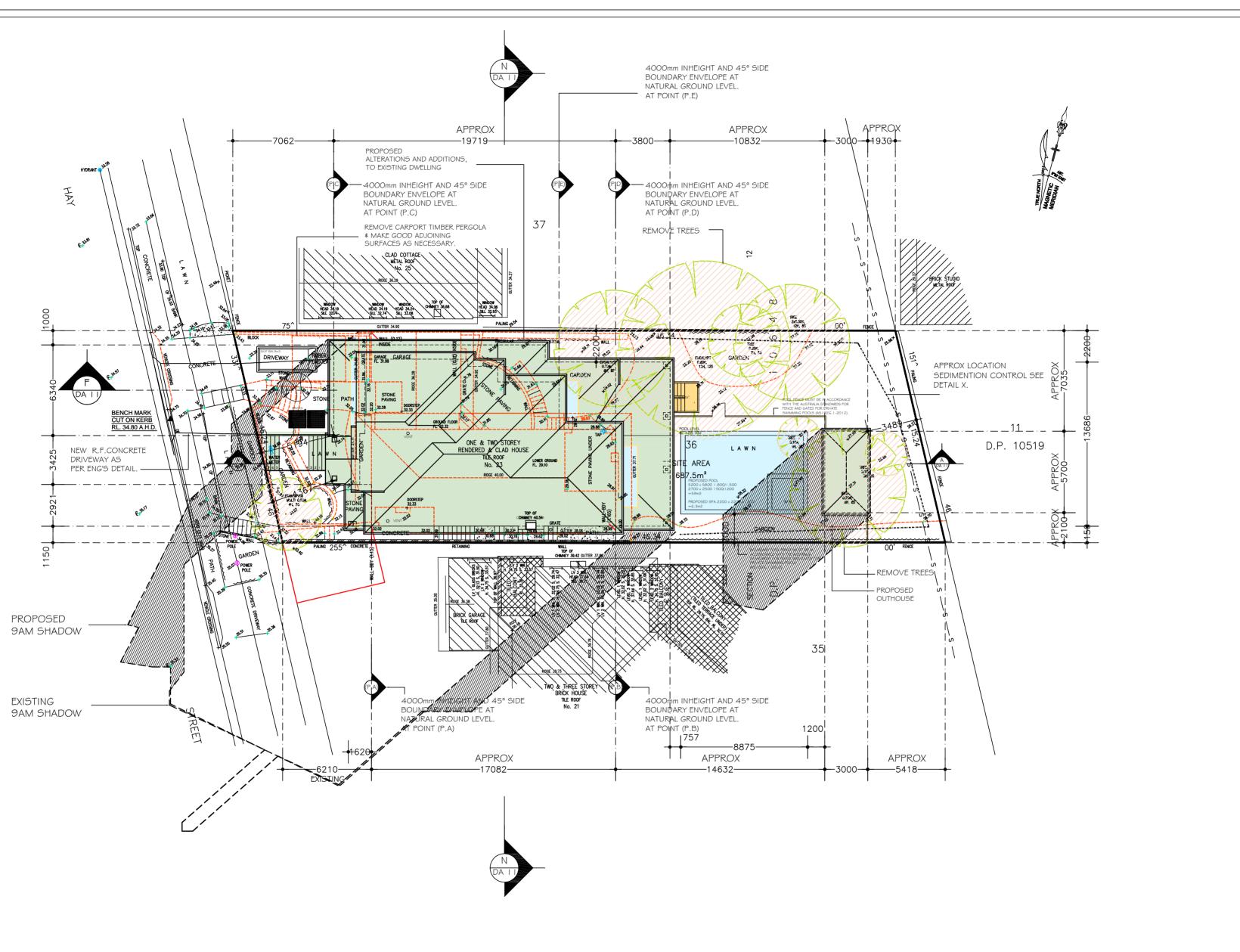
No.	DATE	AMENMENTS	REV	BY
١.	14.2.2022	RELOCATE REAR EXTERNAL STAIRS	Α	SF
2.	14.2.2022 -	SHELF TO WG KITCHEN AND W7 DINE WINDOWS ONLY	A	SF
3.	13.4.2022	MEALS WALL SETBACK 2200	В	SF
4.	13.4.2022	BED 2 SIDE SETBACK 3590	В	SF
5.	13.4.2022	ENS SIDE SETBACK 2500	В	SF
6.	13.4.2022	BAHAMA SHUTTERS TO W 5 ,WG,W7 W8,W24,W25	В	SF

A2



Architectural Drafting
Services
0404 037 606
email:sammyfedele@iprimus.com.au

C AND A PARISI	SECTION AND	BASIX
ROPOSED : ALTERATIONS AND ADDITIONS, AND POOL TO EXISTING RESIDENCE	SCALE: 1:100	SHEET No :
DDRESS: 23 HAY STREET DP 10648	10.06.2021	DA11A
COLLAROY NSW 2097 LOT 36 SEC 12	REV: B JOB: 41/20	



No. DATE AMENMENTS REV BY 1. 14.2.2022 RELOCATE REAR EXTERNAL STAIRS A SF 2. 14.2.2022 SHELF TO WG KITCHEN AND W7 DINE WINDOWS ONLY 3. | 13.4.2022 | MEALS WALL SETBACK 2200 SF 4. | 13.4.2022 | BED 2 SIDE SETBACK 3590 B SF 5. | 13.4.2022 | ENS SIDE SETBACK 2500 B SF 6. 13.4.2022 BAHAMA SHUTTERS TO W 5 ,W6,W7 W8,W24,W25

LEGEND:

21ST JUNE

9AM SHADOW__

I 2NOON SHADOW

3PM SHADOW

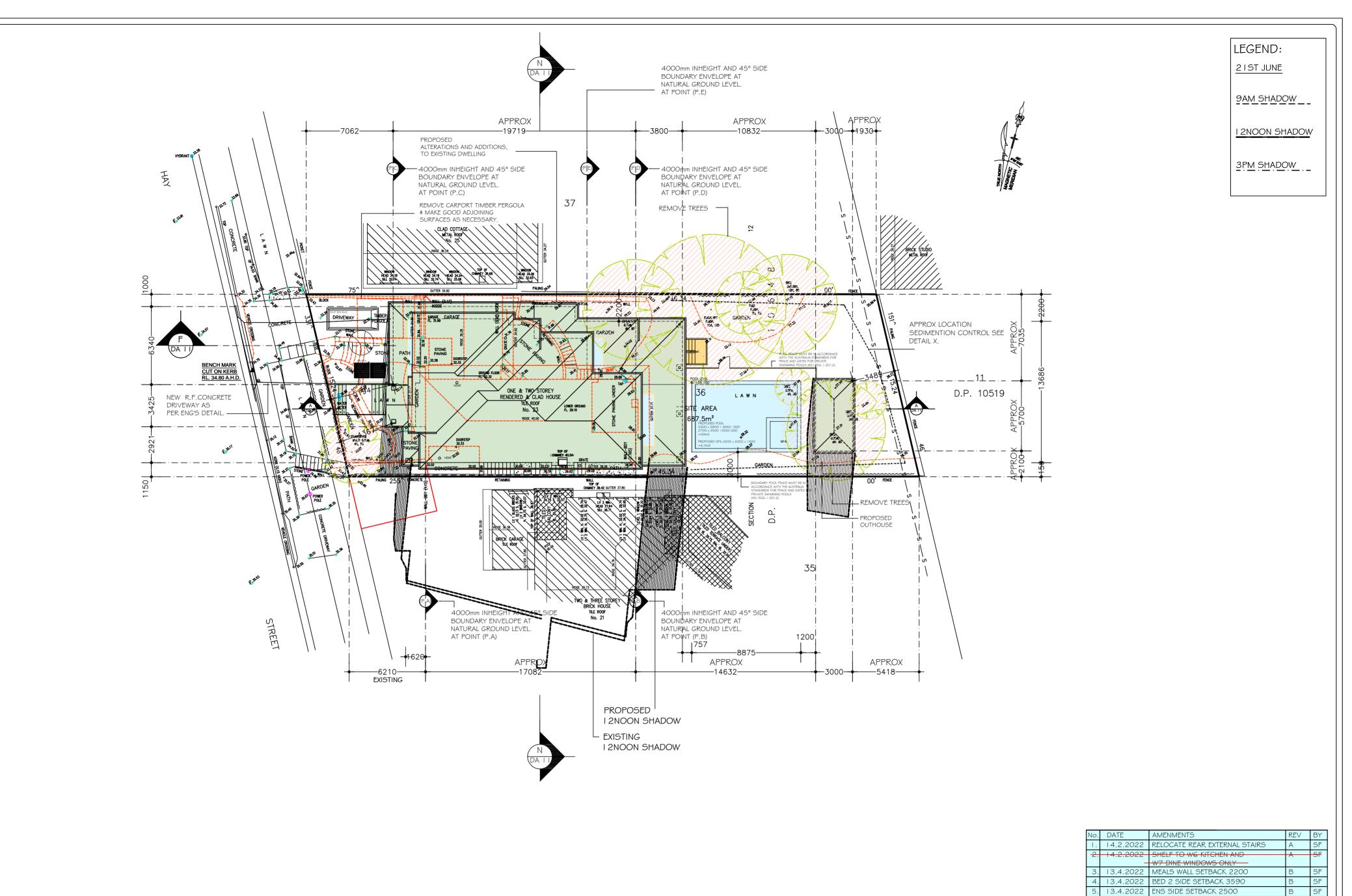
SHADOW PLAN 9AM JUNE 21ST

SCALE 1:200

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Sammy Fedele	
abn 36 627 664 311	<u>e</u>

Architectural Drafting	
Services	F
0404 037 606	1
email:sammyfedele@iprimus.com.au	

C AND A PARISI	SHADOW F	PLAN
PROPOSED:	SCALE: 1:200 DATE:	SHEET No:
ADDRESS: 23 HAY STREET DP 10648 COLLAROY NSW 2097 LOT 36 SEC 12	REV: B JOB: 41/20	DA12



SHADOW PLAN 12NOON JUNE 21ST SCALE 1:200

Sammy Fedele

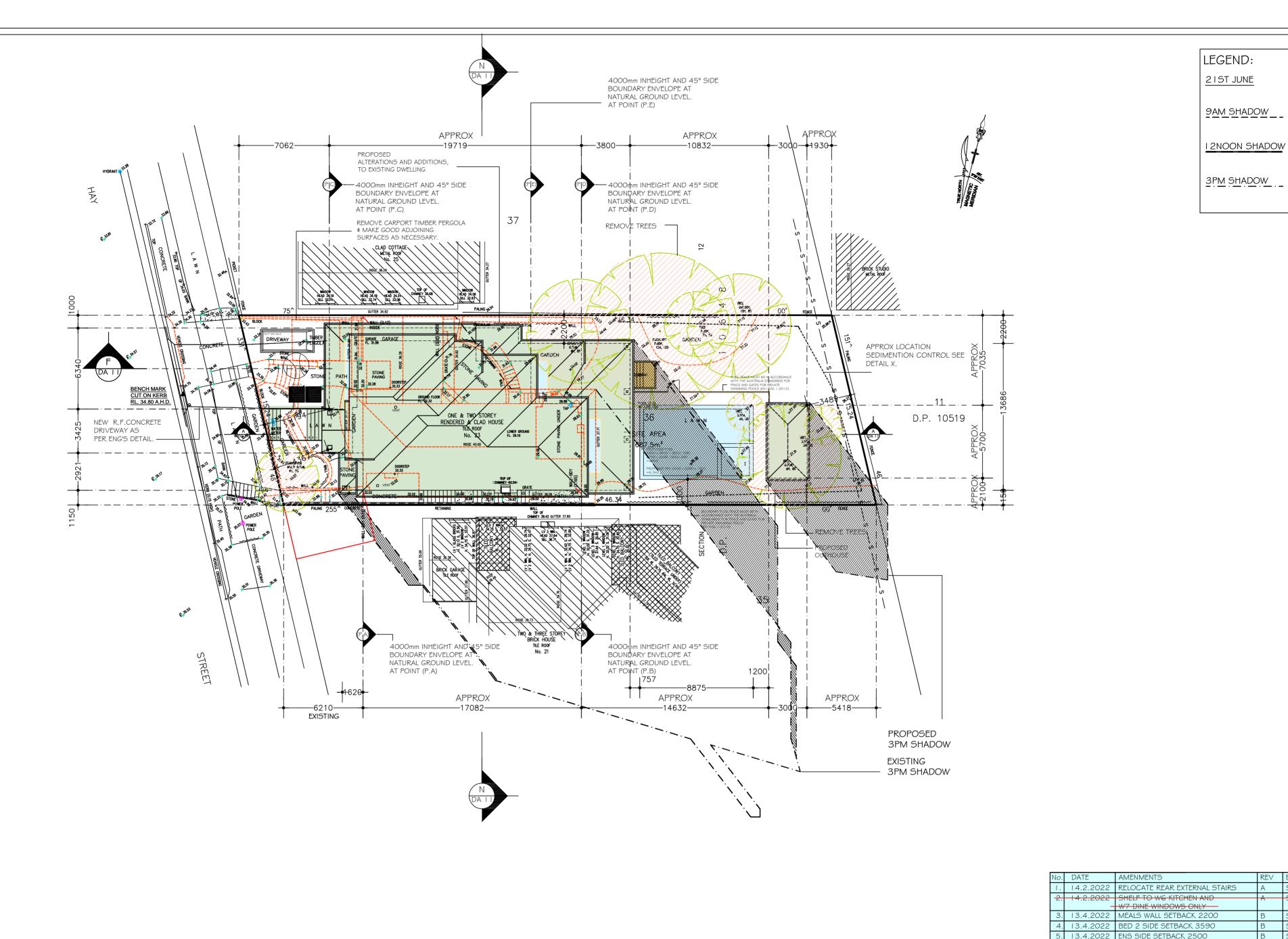
Architectural Drafting Services 0404 037 606

email:sammyfedele@iprimus.com.au

C AND A F	PARISI			SHA	DOW F	PLAN
PROPOSED:		SCALE:	1:2	00		SHEET No :
ADDRESS : 23 HAY STREET COLLAROY NSW 2097	DP 10648	DATE:	10.06	.2021		DA13
COLLAROT NSW 2097	LOI 36	REV:	R	JOB:	41/20	

13.4.2022 BAHAMA SHUTTERS TO W 5 ,W6,W7 W8,W24,W25

A2



PROPOSED SHADOW PLAN 3PM JUNE 2 I ST

SCALE 1:200

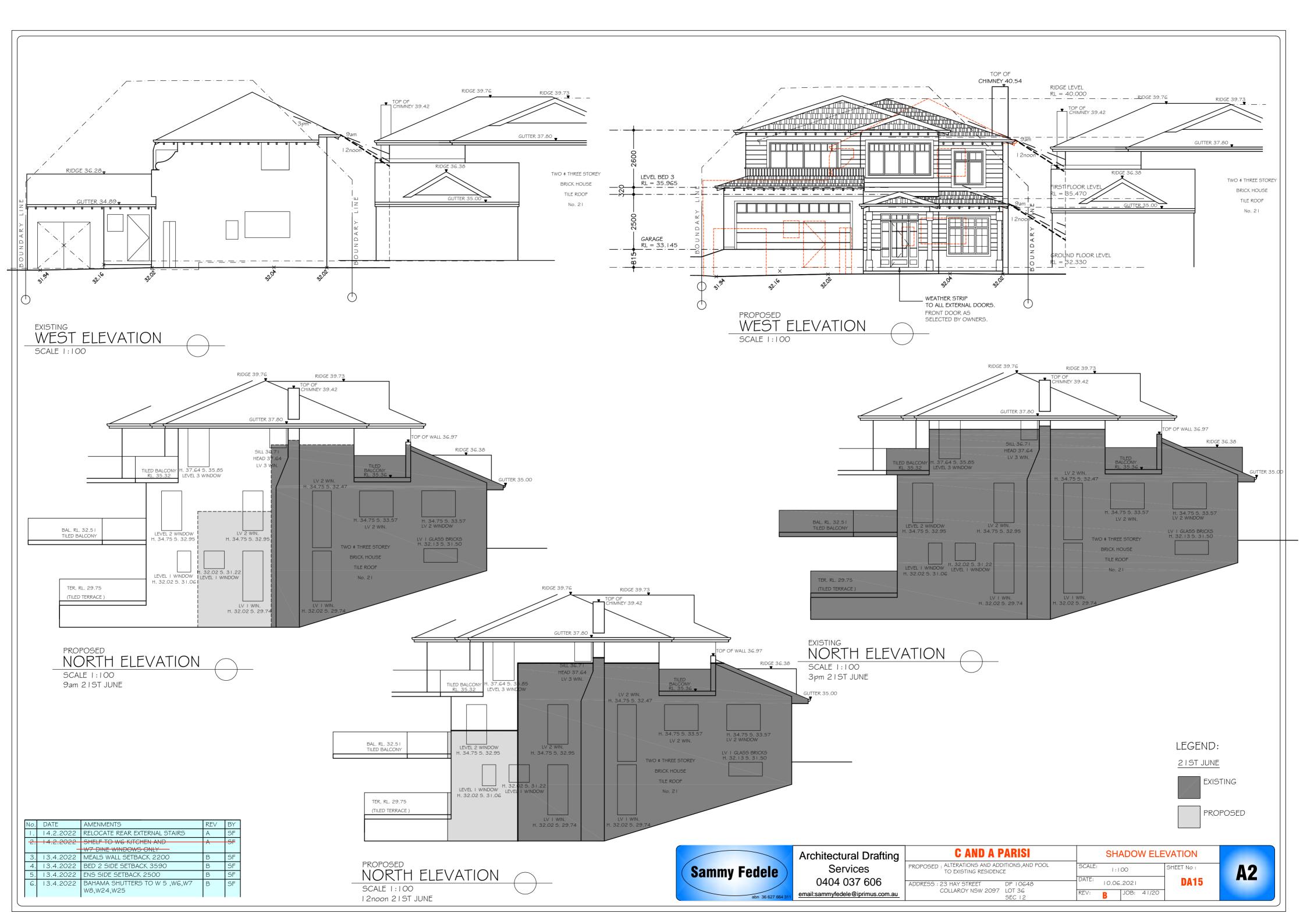
Sammy Fedele

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email:sammyfedele@iprimus.com.au

C AND A PARISI	9	SHADOW F	PLAN
PROPOSED:	SCALE: 1:20	00	SHEET No :
ADDRESS : 23 HAY STREET DP 10648	DATE: 10.06.	2021	DA14
COLLAROY NSW 2097 LOT 36 SEC 12	REV:	JOB: 41/20]

A2

BAHAMA SHUTTERS TO W 5 ,WG,W7



DESIGN DATA

LANDSCAPE AREA

SITE AREA = 687.5m2

EXISTING = 388m2 = 56.43%

LEGEND:



| ___2000___

SITE PLAN SCALE 1:400

DESIGN DATA

LANDSCAPE AREA

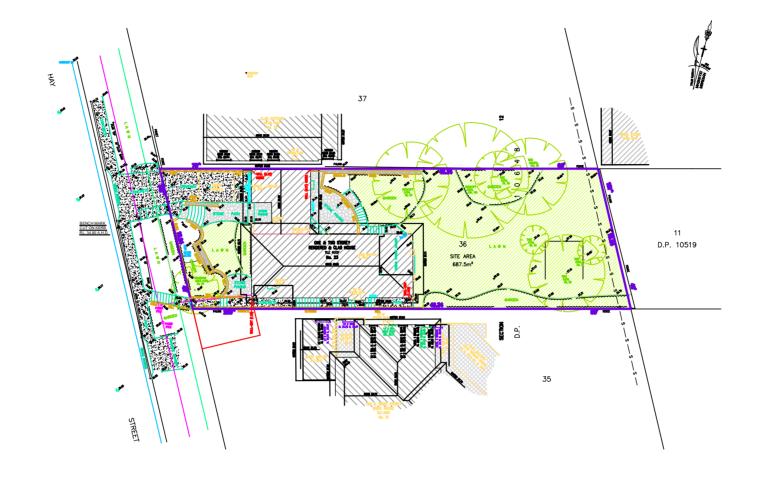
SITE AREA = 687.5m2

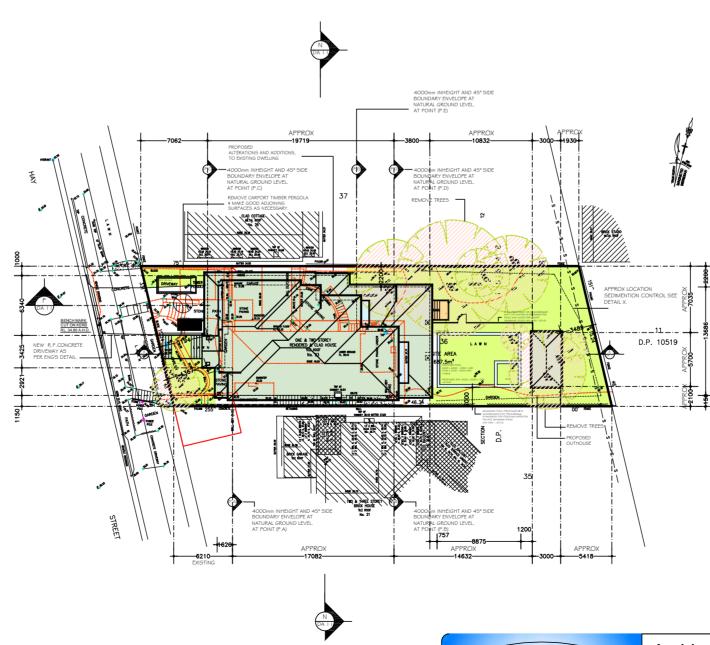
PROPOSED = 277.27m2 = 40.33%

LEGEND:









No.	DATE	AMENMENTS	REV	BY
Ι.	14.2.2022	RELOCATE REAR EXTERNAL STAIRS	А	SF
2.	+4.2.2022 -	SHELF TO WG KITCHEN AND W7 DINE WINDOWS ONLY	A	SF
3.	13.4.2022	MEALS WALL SETBACK 2200	В	SF
4.	13.4.2022	BED 2 SIDE SETBACK 3590	В	SF
5.	13.4.2022	ENS SIDE SETBACK 2500	В	SF
6.	13.4.2022	BAHAMA SHUTTERS TO W 5 ,W6,W7 W8,W24,W25	В	SF

A2

Sammy Fedele

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C AND A PARISI

PROPOSED: ALTERATIONS AND ADDITIONS, AND POOL TO EXISTING RESIDENCE

ADDRESS: 23 HAY STREET DP 10648
COLLAROY NSW 2097 LOT 36
SEC 12

SITE CALCULATION

SCALE: 1:200

DATE: 10.06.2021

REV: B JOB: 41/20

