# BASIX COMMITMENTS

#### RAINWATER TANK

The applicant must install a rainwater tank of at least 896 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 85 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 15 kilolitres.

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

The applicant must install the following heating system for the swimming pool that is part of this development: solar only.

### 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.

#### INSULATION

The applicant must construct the new or altered construction (floor(s), walls, and ceilings/roofs) in accordance with the specifications listed in the table below, except that a) additional insulation is not required where the area of new construction is less than 2m2, b) insulation specified is not required for parts of altered construction where insulation already exists.

GLAZING		
raked ceiling, pitched/skillion roof: framed	ceiling: R0.50 (up), roof: foil backed blanket (100 mm)	light (solar absorptance < 0.475)
flad ceiling, pitched roof	ceiling: R0.20 (up), roof: foil backed blanket (100 mm)	light (solar absorptance < 0.475)
external wall: framed (weatherboard, fibro, metal	R1.30 (or R1.70 including construction)	n/a
suspended floor with open subfloor: framed (R0.7).	R0.8 (down) (or R1.50 including construction)	n/a
CONSTRUCTION	ADDITIONAL INSLUATION REQUIRED (R-VALUE)	OTHER SPECIFICATIONS

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 improved frames, or pyrolytic low-e glass, or clear/air gap/clear glazing, or toned/air gap/clear glazing must 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. The description is provided for information only. Alternative systems with complying U-value and SHGC may be substituted.

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.

Pergolas with fixed 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 not be more than 50 mm.

Overshadowing buildings or vegetation must be of the height and distance from the centre and the base of the window and glazed door, as specified in the 'overshadowing' column in the table below

### Window & Glazed Door Requirements

			OVERSHADO	VING		
ITEM NO.	ORIENTATION	AREA (m2)	H (M)	D (M)	SHADING	FRAME
W.01	NW	10.3	8.4	8.6	awning (adjustable) >=900 mm	timber or uPVC, single pyrolytic low-e, (U-value: 3.99, SHGC:
W.02	NE	5.5	0	0	eave >=600 mm	timber or uPVC, single pyrolytic low-e, (U-value: 3.99, SHGC:
W.03	SE	5.5	0	0	eave >=600 mm	0.4) timber or uPVC, single pyrolytic low-e, (U-value: 3.99, SHGC:
W.04	SE	1.6	0	0	none	().4) timber or uPVC, single pyrolytic low-e, (U-value: 3.99, SHGC:
W.05	SE	1.6	0	0	none	0.4) timber or uPVC, single pyrolytic low-e, (U-value: 3.99, SHGC:
W.06	SE	1.7	0	0	none	0.4) timber or uPVC, single pyrolytic low-e, (U-value: 3.99, SHGC:
W.07	SE	1.7	0	0	none	timber or uPVC, single pyrolytic low-e, (U-value: 3.99, SHGC:
W.08	SE	2.6	0	0	none	timber or uPVC, single pyrolytic low-e, (U-value: 3.99, SHGC:
W.09	SE	0.6	0	0	eave >=600 mm	timber or uPVC, single pyrolytic low-e, (U-value: 3.99, SHGC:
W.10	SE	0.6	0	0	eave >=600 mm	timber or uPVC, single pyrolytic low-e, (U-value: 3.99, SHGC:
W.11	NW	0.8	0	0	eave >=600 mm	timber or uPVC, single pyrolytic low-e, (U-value: 3.99, SHGC: 0.4)
W.12	NE	3.3	0	0	eave >=600 mm	0.4) timber or uPVC, single pyrolytic low-e, (U-value: 3.99, SHGC:
W.13	NE	0.8	0	0	eave >=600 mm	timber or uPVC, single pyrolytic low-e, (U-value: 3.99, SHGC:
W.14	SE	3.3	0	0	eave >=600 mm	timber or uPVC, single pyrolytic low-e, (U-value: 3.99, SHGC:
W.15	SE	0.8	0	0	eave >=600 mm	timber or uPVC, single pyrolytic low-e, (U-value: 3.99, SHGC:
W.16	SW	0.8	0	0	eave >=600 mm	timber or uPVC, single pyrolytic low-e, (U-value: 3.99, SHGC:
W.17	SW	0.8	0	0	eave >=600 mm	0.4) timber or uPVC, single pyrolytic low-e, (U-value: 3.99, SHGC: 0.4)
D.01	NW	5.6	1.8	2.75	eave >=450 mm	timber or uPVC, single pyrolytic low-e, (U-value: 3.99, SHGC:
D.02	NW	5.6	3.5	2.3	none	timber or uPVC, single pyrolytic low-e, (U-value: 3.99, SHGC:
D.03	NE	10.6	4.6	10.88	eave >=450 mm	timber or uPVC, single pyrolytic low-e, (U-value: 3.99, SHGC:
D.04	NW	10.3	8.4	8.6	awning (adjustable) >=900 mm	timber or uPVC, single pyrolytic low-e, (U-value: 3.99, SHGC:
D.05	SW	10.6	5.6	14	eave >=600 mm	timber or uPVC, single pyrolytic low-e, (U-value: 3.99, SHGC:
D.06	NW	5.6	3.5	2.2	eave >=600 mm	0.4) timber or uPVC, single pyrolytic low-e, (U-value: 3.99, SHGC:
D.07	NW	5.6	3.5	2.2	eave >=600 mm	timber or uPVC, single pyrolytic low-e, (U-value: 3.99, SHGC:
D.08	NE	10.6	0	0	eave >=600 mm	timber or uPVC, single pyrolytic low-e, (U-value: 3.99, SHGC:
D.09	SE	2.2	0	0	none	timber or uPVC, single pyrolytic low-e, (U-value: 3.99, SHGC: 0.4)
SKYLIGHTS						17.441

The applicant must install the skylights in accordance with the specifications listed in the table below. The following requirements must also be satisfied in relation to each skylight 🕮 ach skylight 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.

#### Skylight glazing requirements

ITEM NO.	AREA (m2)	SHADING DEVICE	FRAME AND GLASS TYPE
S.01	1	no shading	timber, low-E internal/argon fill/clear external, (or U-value: 2.5, SHGC: 0.456)
S.02	1	no shading	timber, low-E internal/argon fill/clear external, (or U-value: 2.5, SHGC: 0.456)
S.03	1	no shading	timber, low-E internal/argon fill/clear external, (or U-value: 2.5, SHGC: 0.456)
S.04	1	no shading	timber, low-E internal/argon fill/clear external, (or U-value: 2.5, SHGC: 0.456)

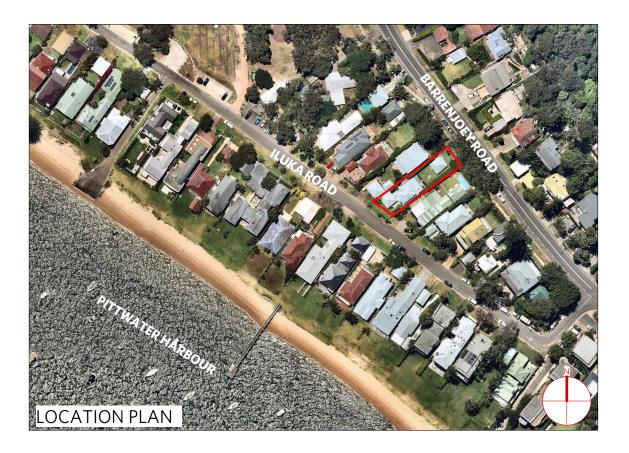
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DA00	COVERPAGE	
DA01	SITE ANALYSIS PLAN	
DA02	EXISTING GROUND FLOOR PLAN	
DA03	EXISTING FIRST FLOOR PLAN	
DA04	DEMOLITION, WASTE MANAGEMENT & EROSION & SEDIMENT CONTROL PLAN	
DA05	SITE & ROOF PLAN	
DA06	GROUND FLOOR PLAN	
DA07	FIRST FLOOR PLAN	
DA08	LANDSCAPE PLAN	
DA09	SECTIONS	
DA10	FRONT & REAR ELEVATIONS	
DA11	REAR (BARRENJOEY RD) ELEVATION	
DA12	SIDE ELEVATIONS	
DA13	MATERIALS & FINISHES SCHEDULE	
DA14	SHADOWS 9AM 21 JUNE	

- DA15 SHADOWS 12PM 21 JUNE
- DA16 SHADOWS 3PM 21 JUNE



ADDRESS 7A ILUKA ROAD, PALM BEACH NSW 2108 (FORMERLY 1041 BARRENJOEY ROAD) FOR

SUSIE + RODGER MORTON



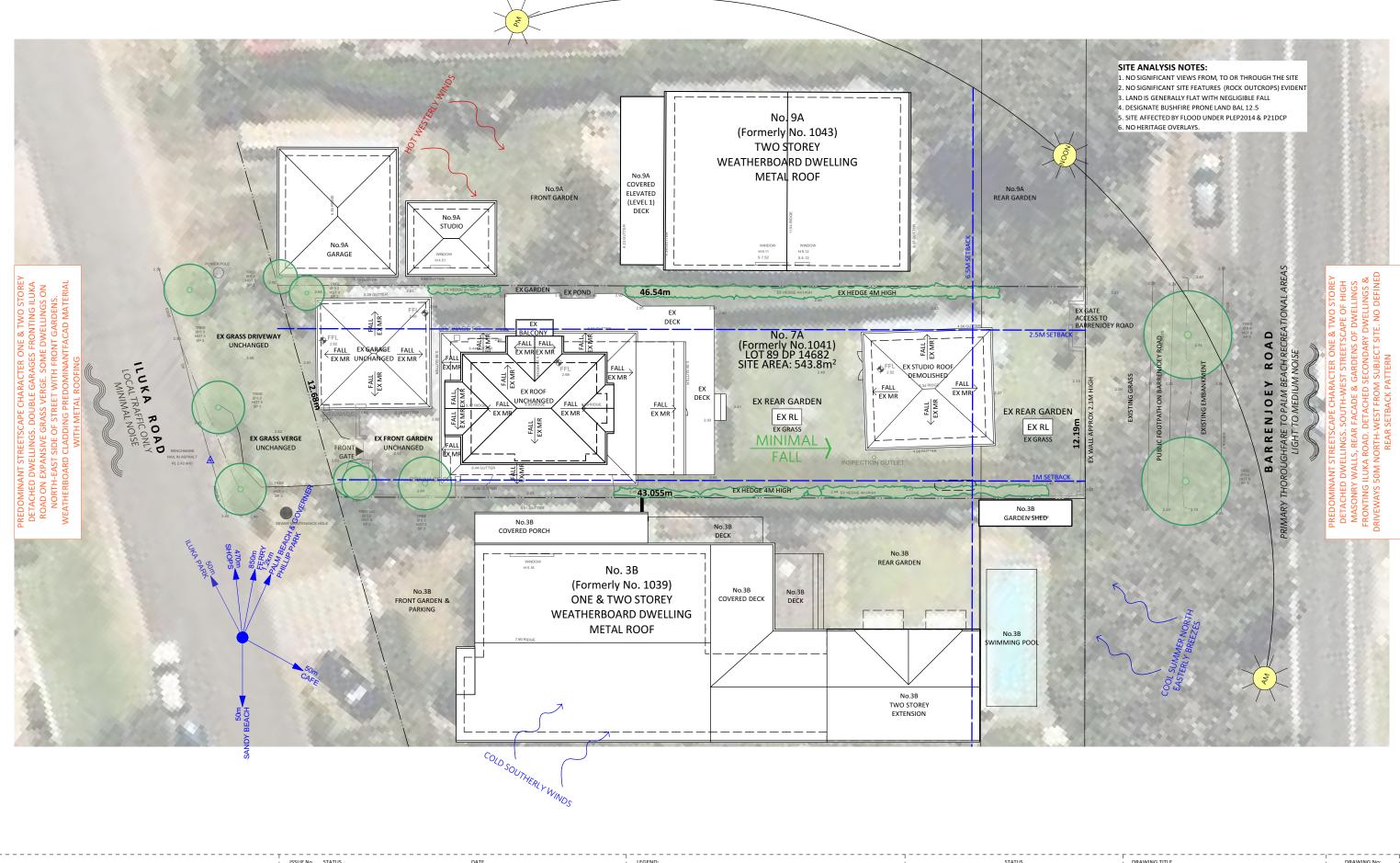




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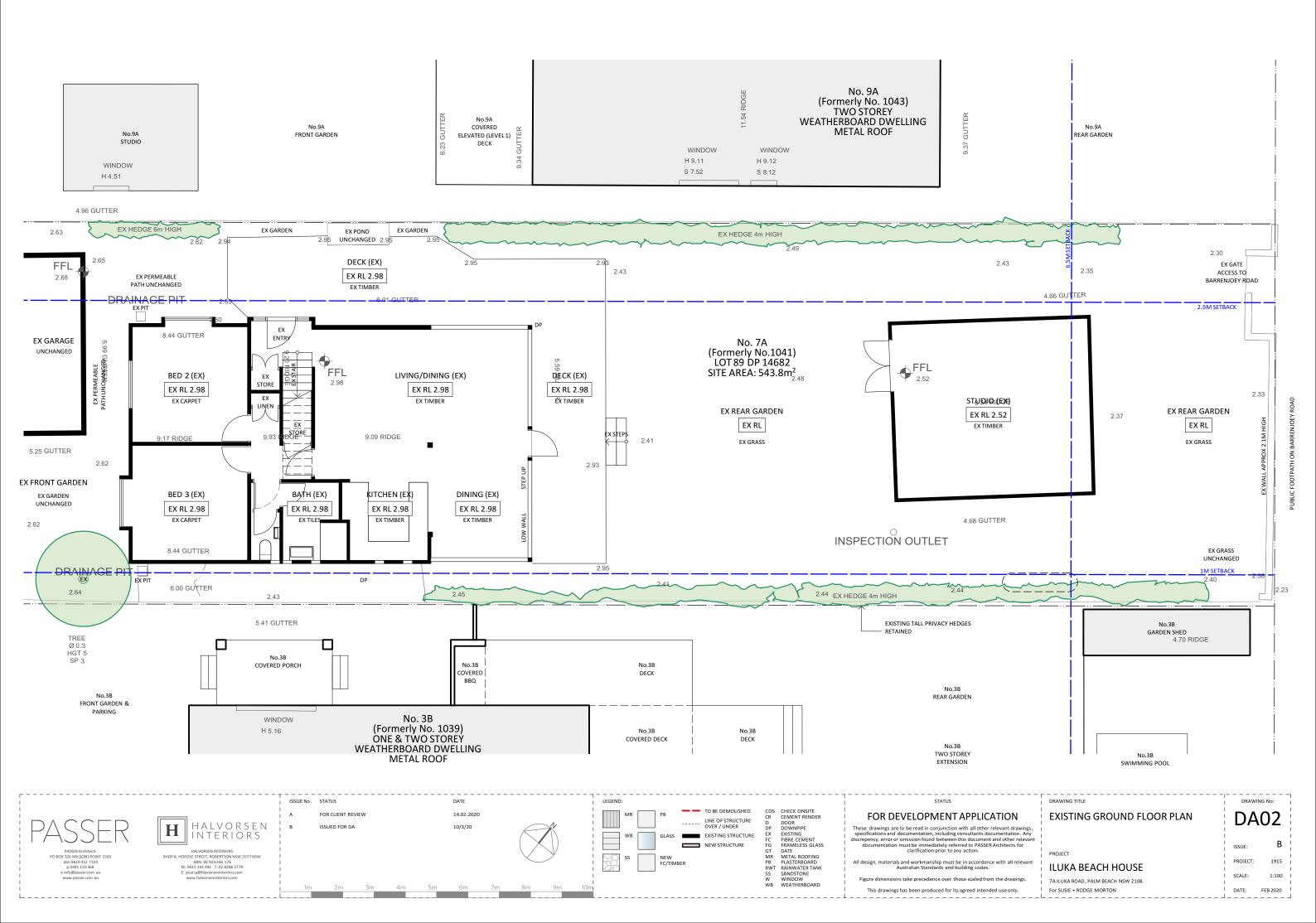
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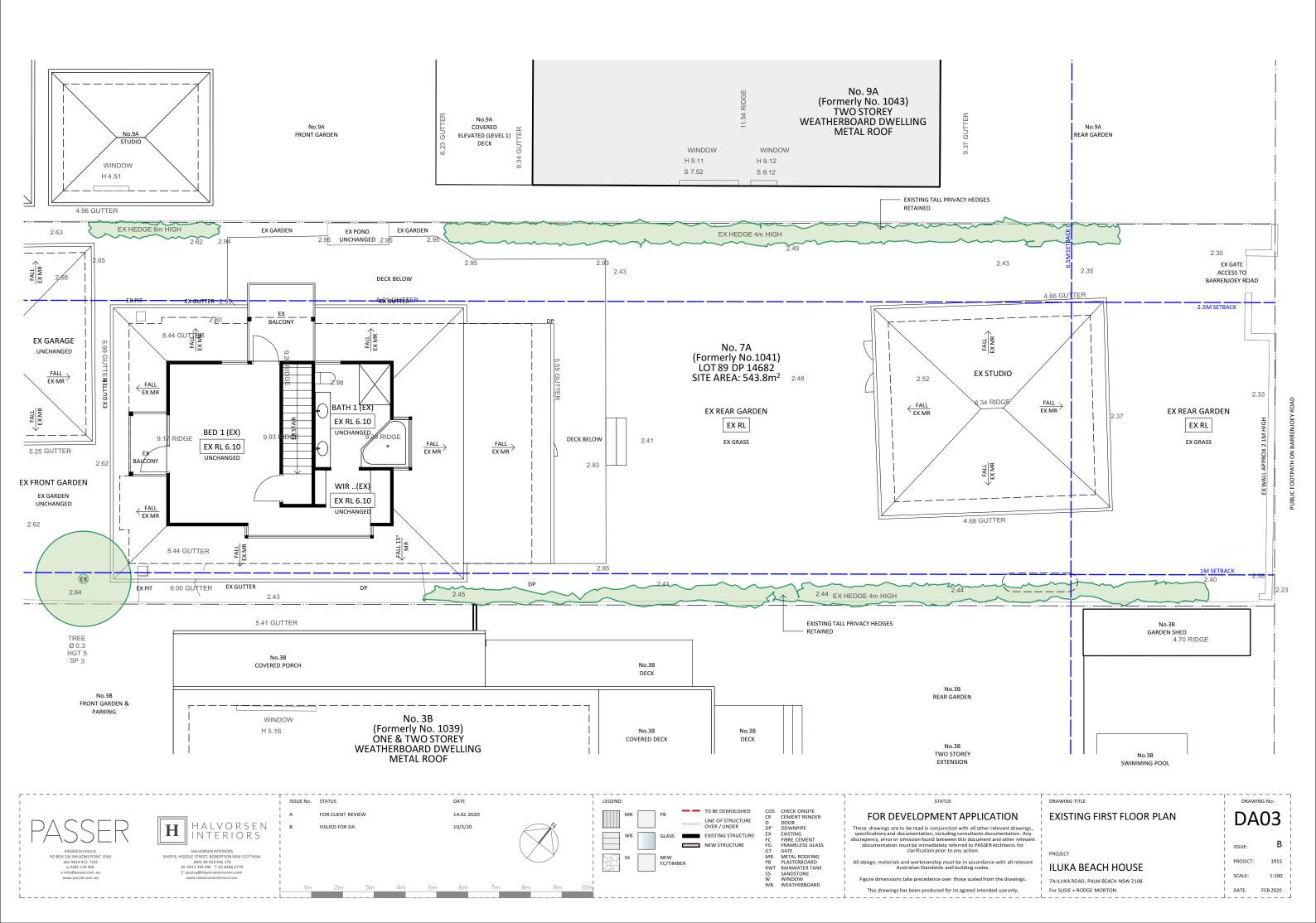
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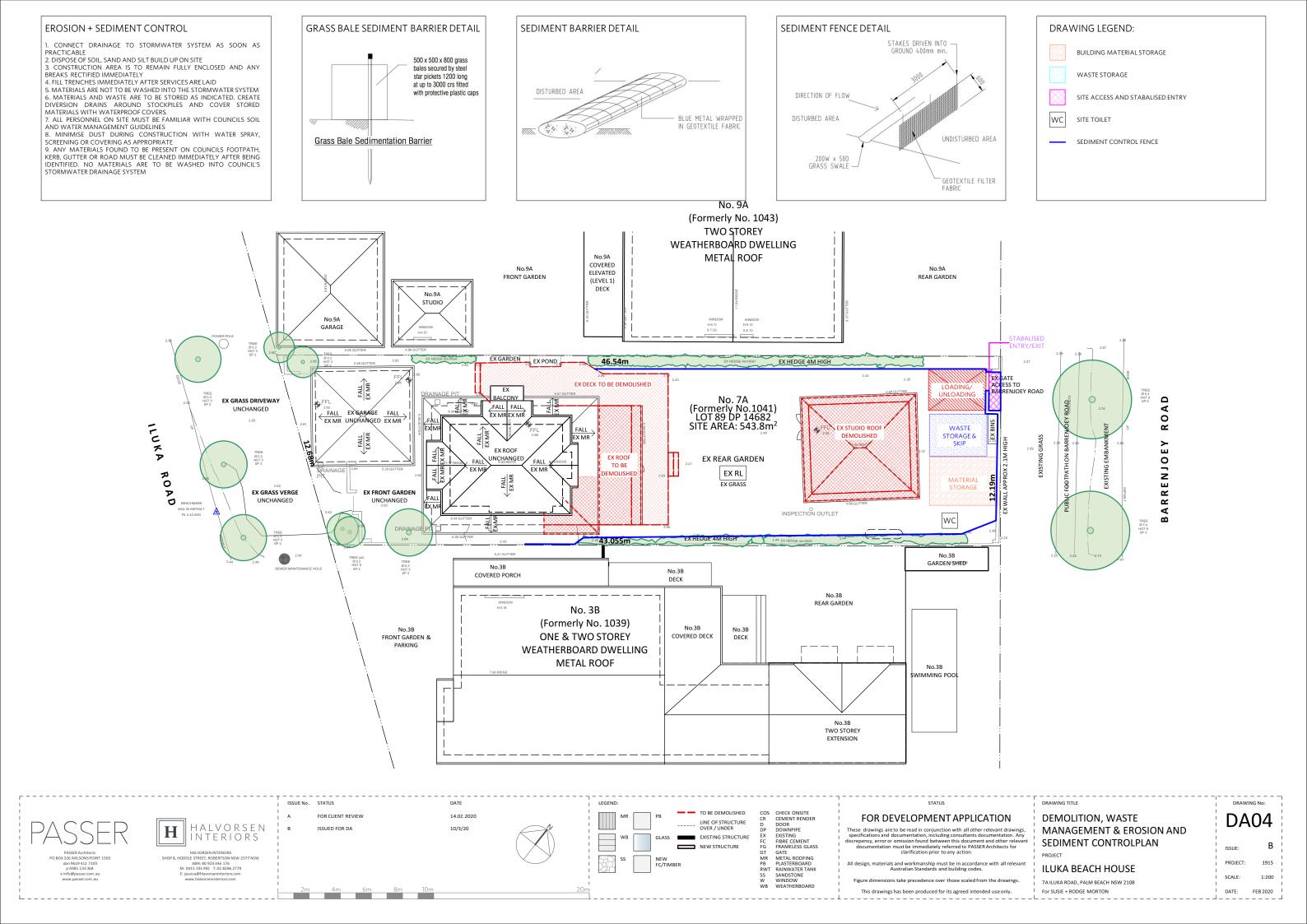


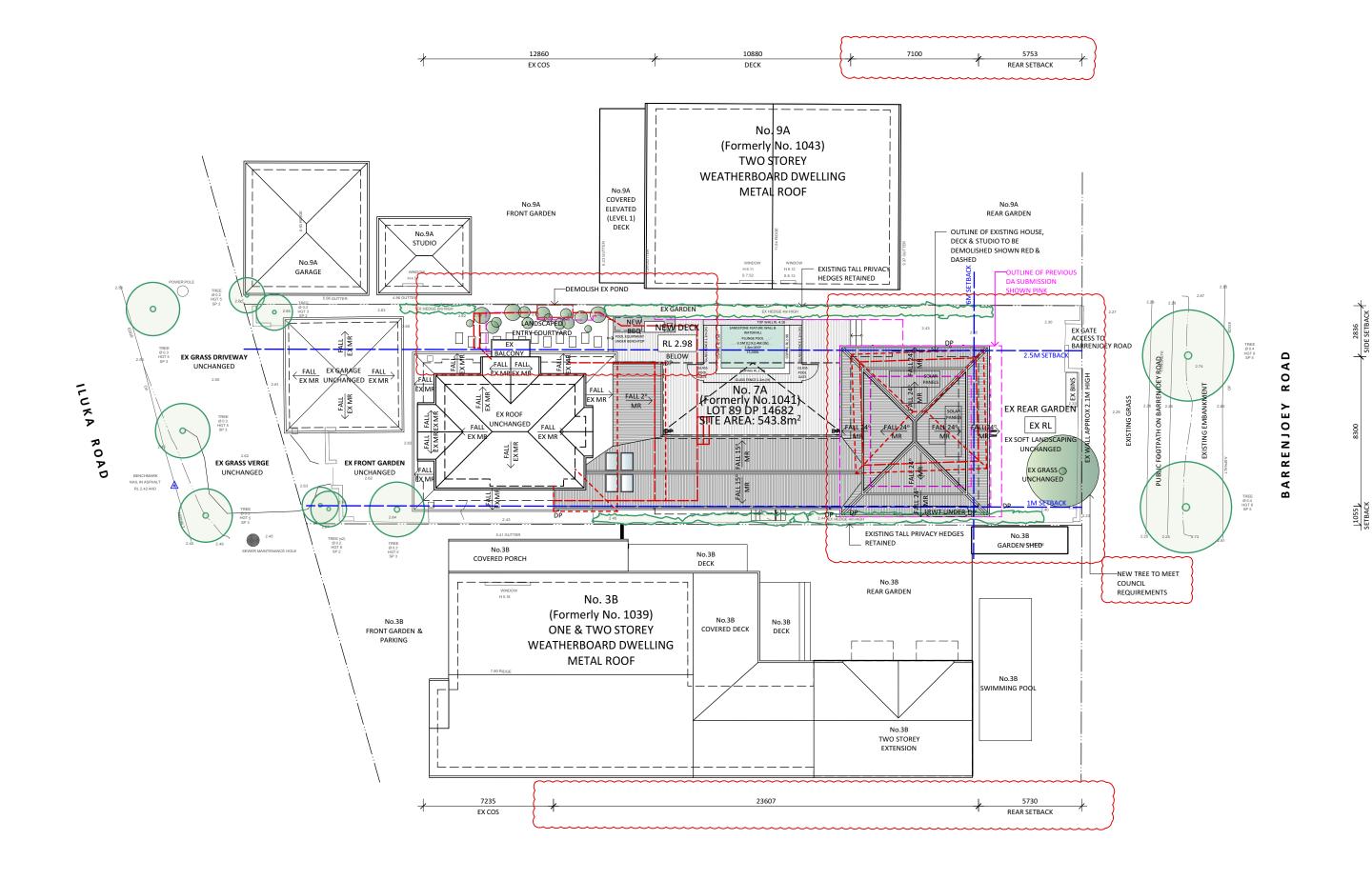
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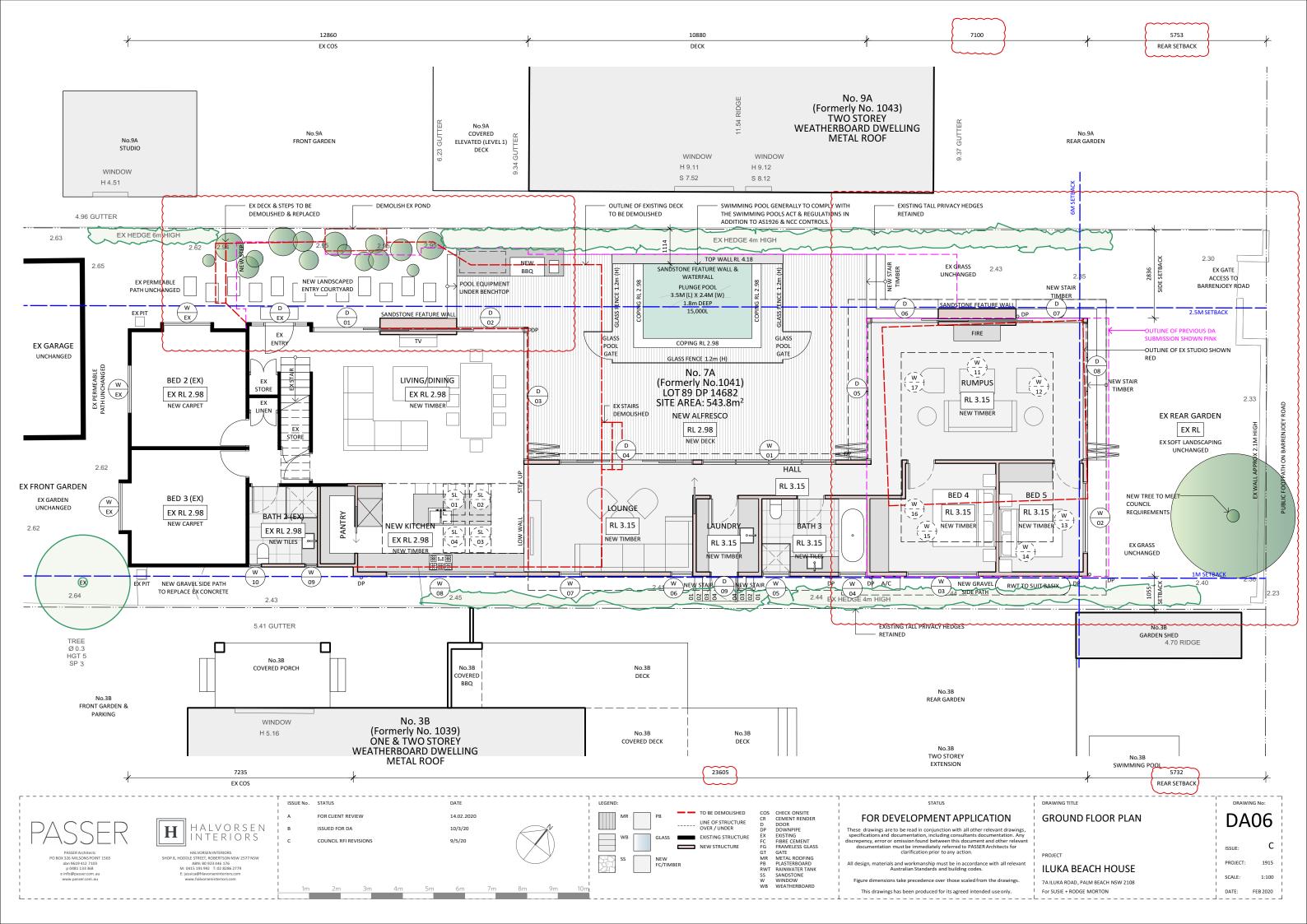


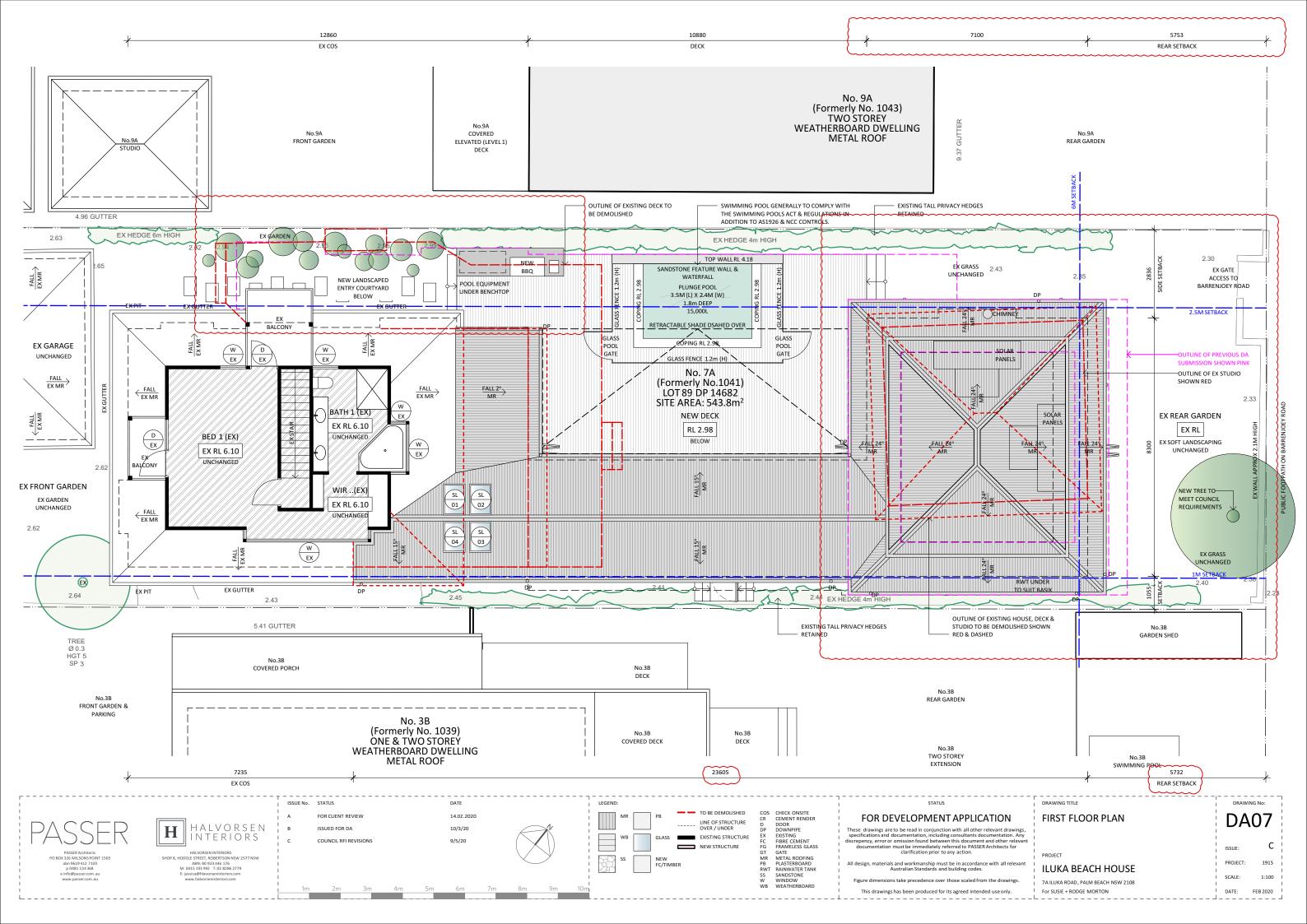


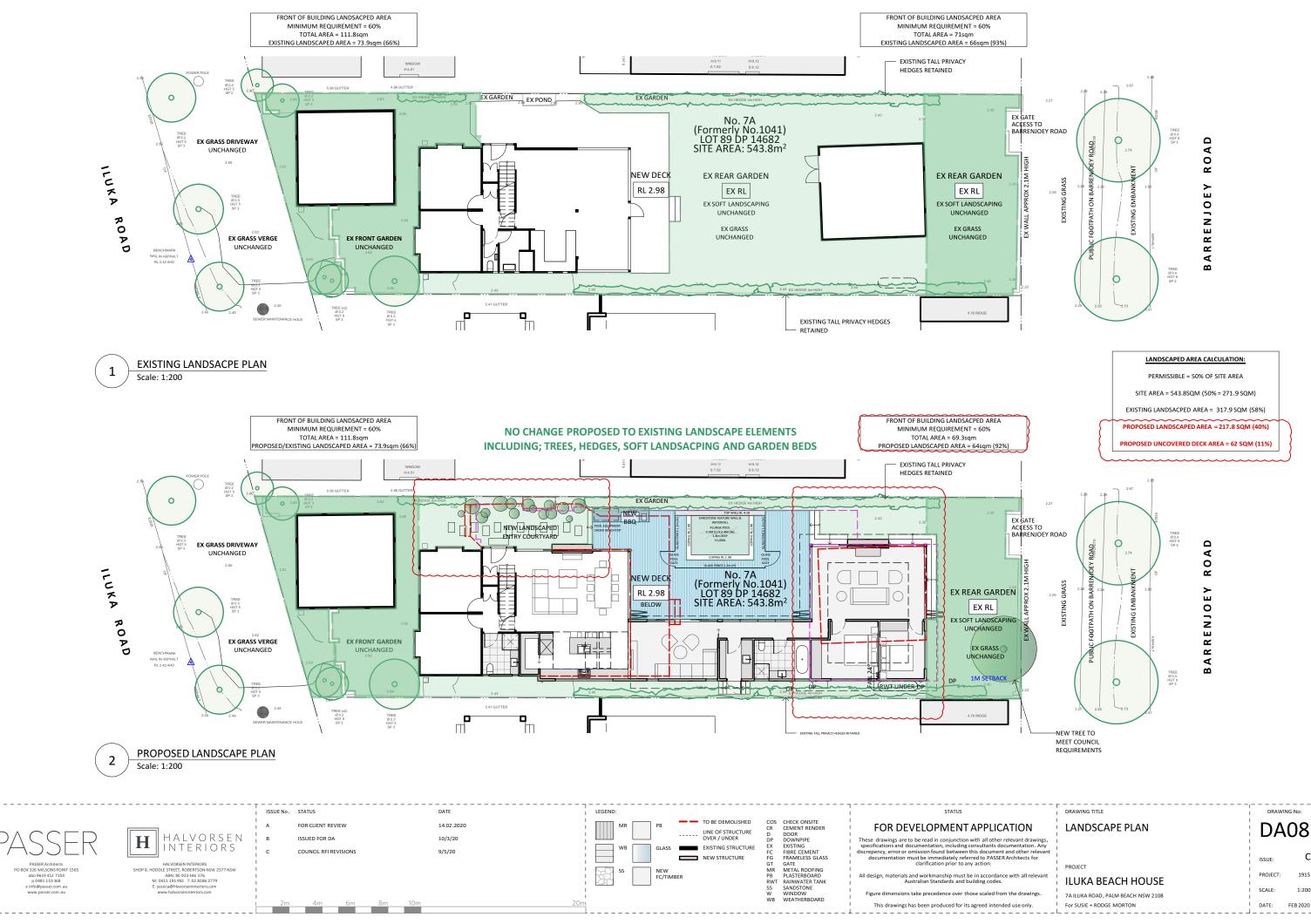


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www.passer.com.au	www.halvorseninteriors.com							W WINDOW WB WEATHERBOARD	Figure dimensions take precedence over those scaled from
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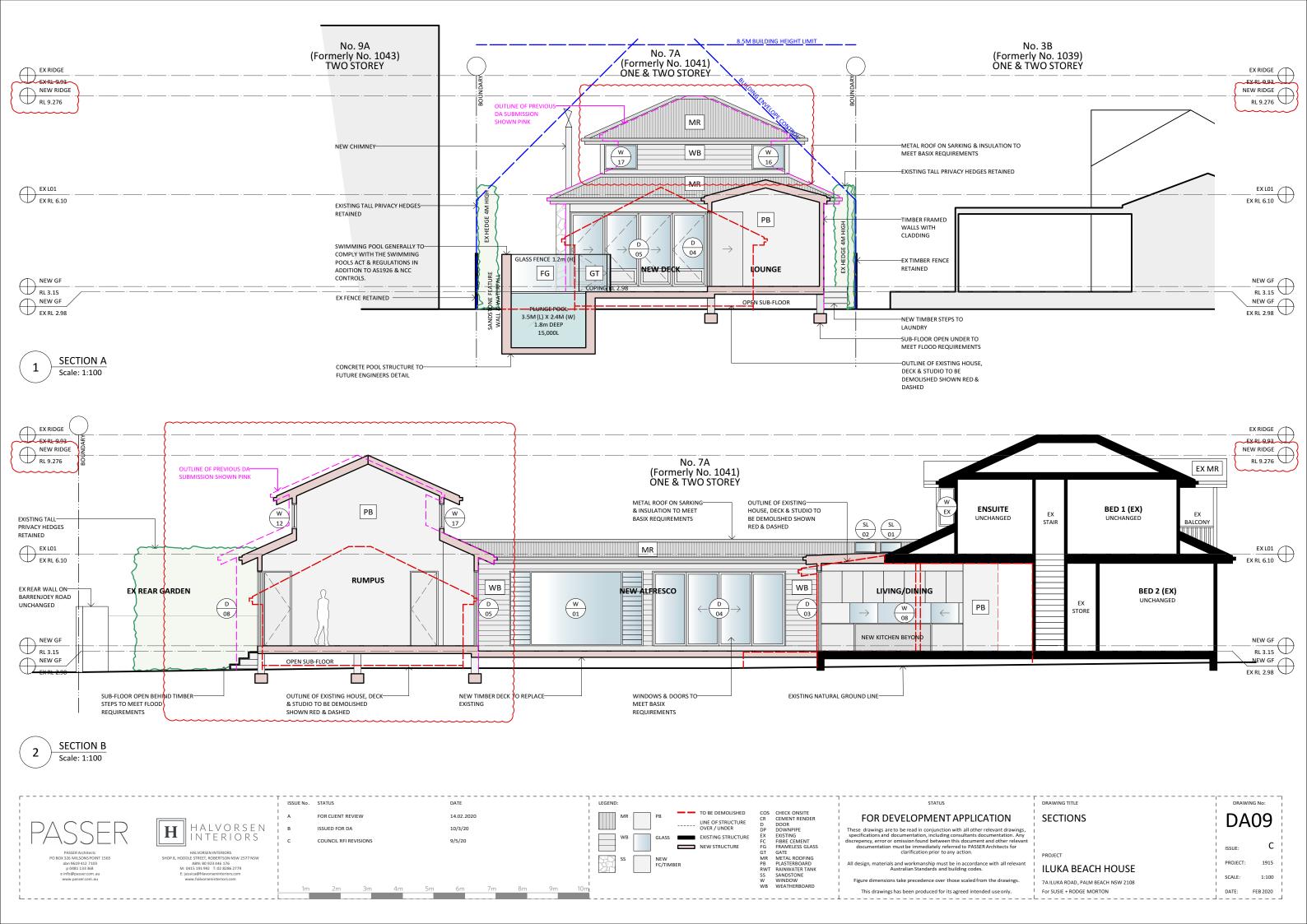


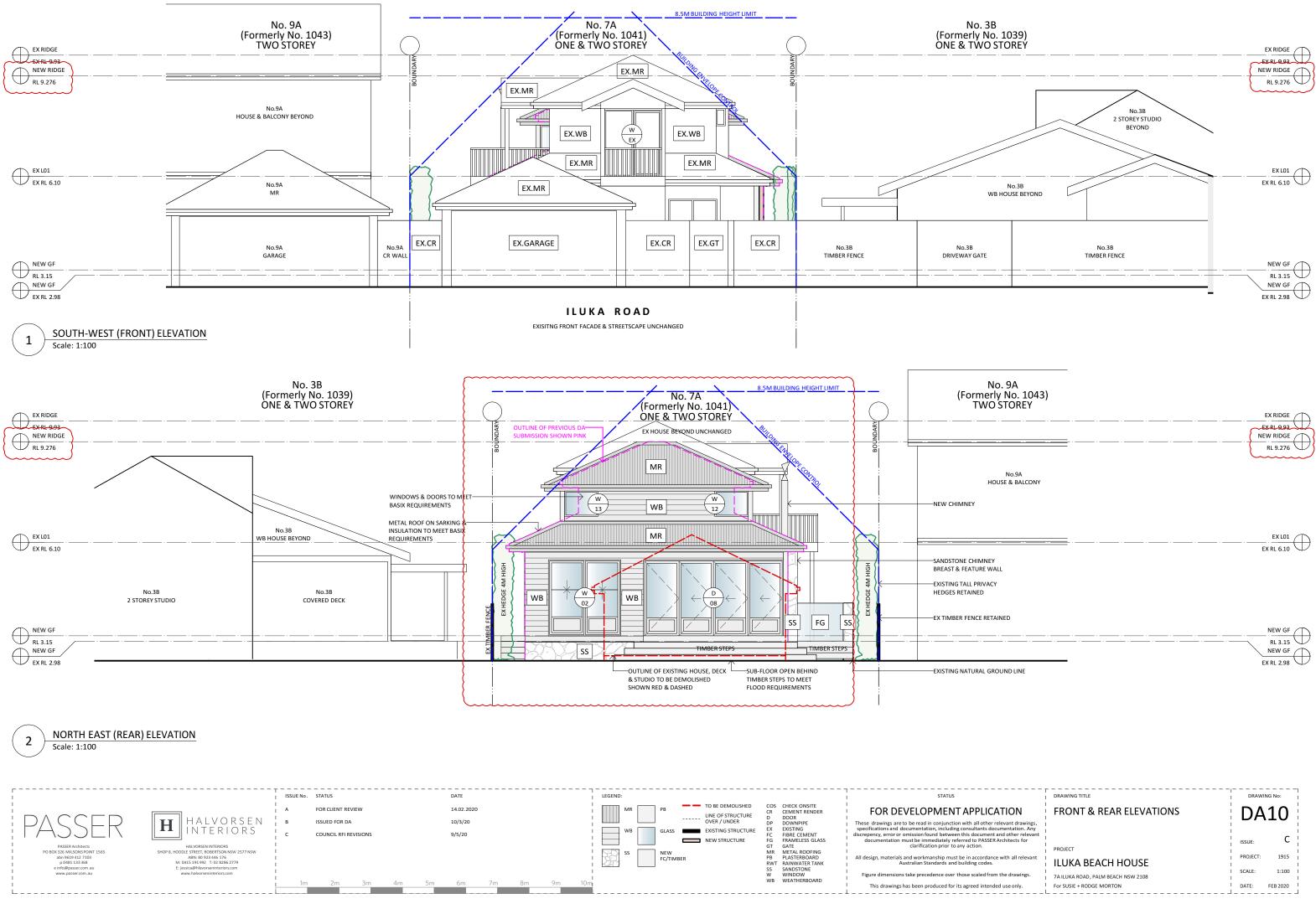




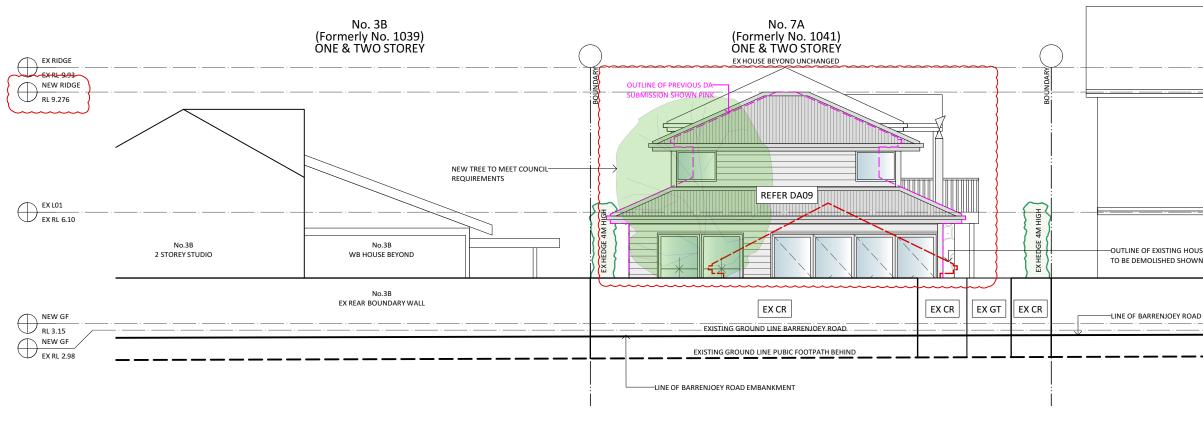


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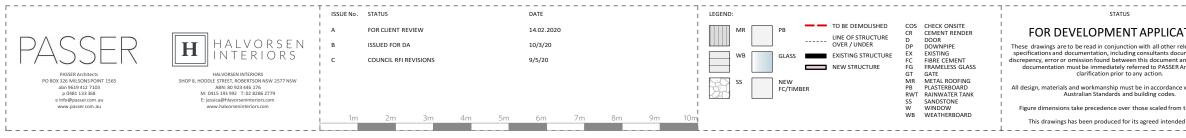


NORTH EAST (REAR) BARRENJOEY RD ELEVATION Scale: 1:100

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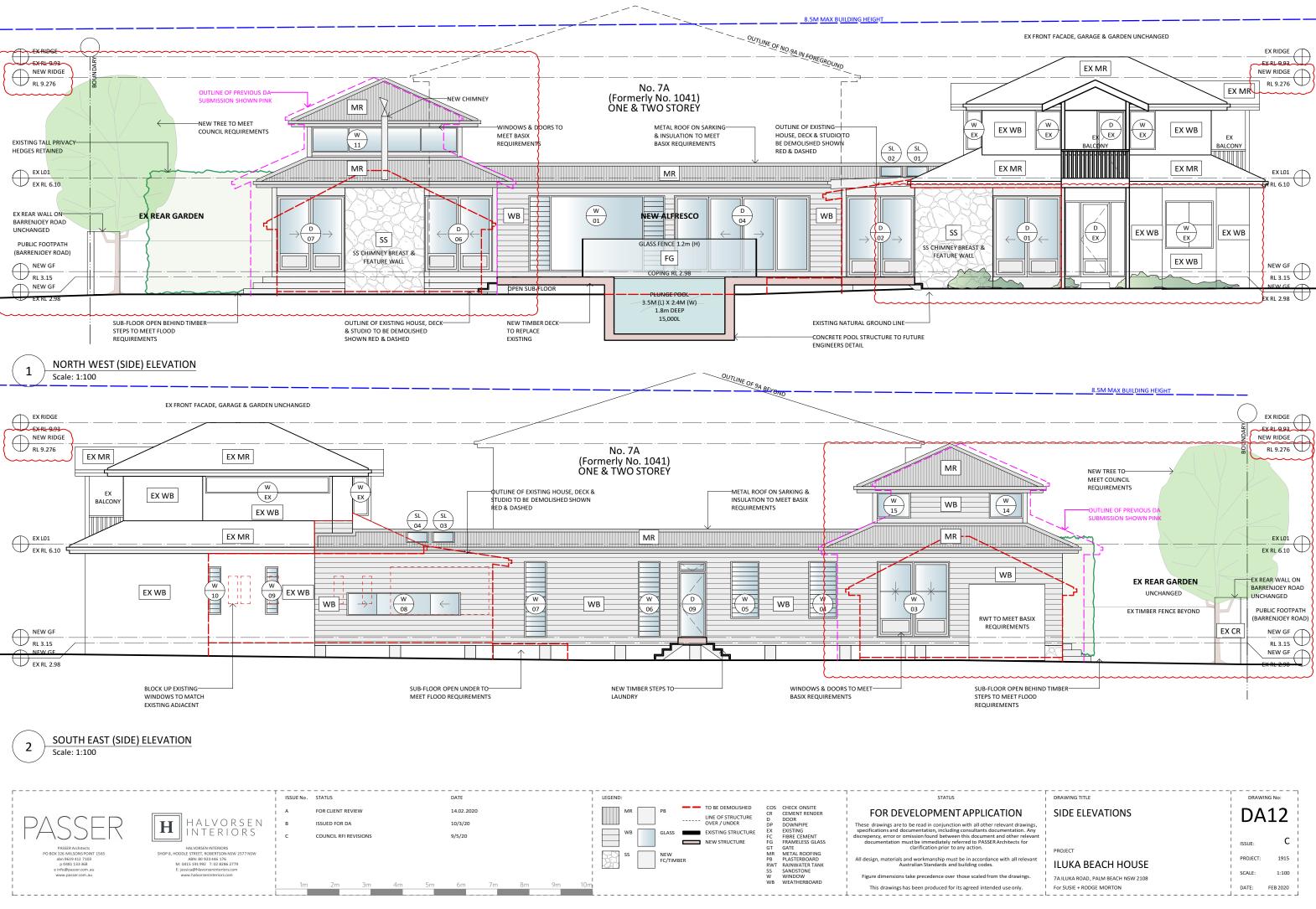
BARRENJOEY ROAD

EXISITNG REAR BOUNDARY WALL UNCHANGED



No. 9A (Formerly No. 1043) TWO STOREY	
	EX RIDGE
No.9A HOUSE & BALCONY	RL 9.276
BEYOND	
	EX L01
USE, DECK & STUDIO VN RED & DASHED	
No.9A EX REAR BOUNDARY WALL	
D EMBANKMENT	NEW GF RL 3.15 NEW GF EX RL 2.98

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LIGHT GREY PAINT FINISH

WINDOWS & DOORS WHITE TO MATCH EXISTING



MR / EX MR LIGHT GREY ROOF WITH WHITE GUTTERS & DOWNPIPES TO MATCH EXISTING



SANDSTONE FEATURE WALLS

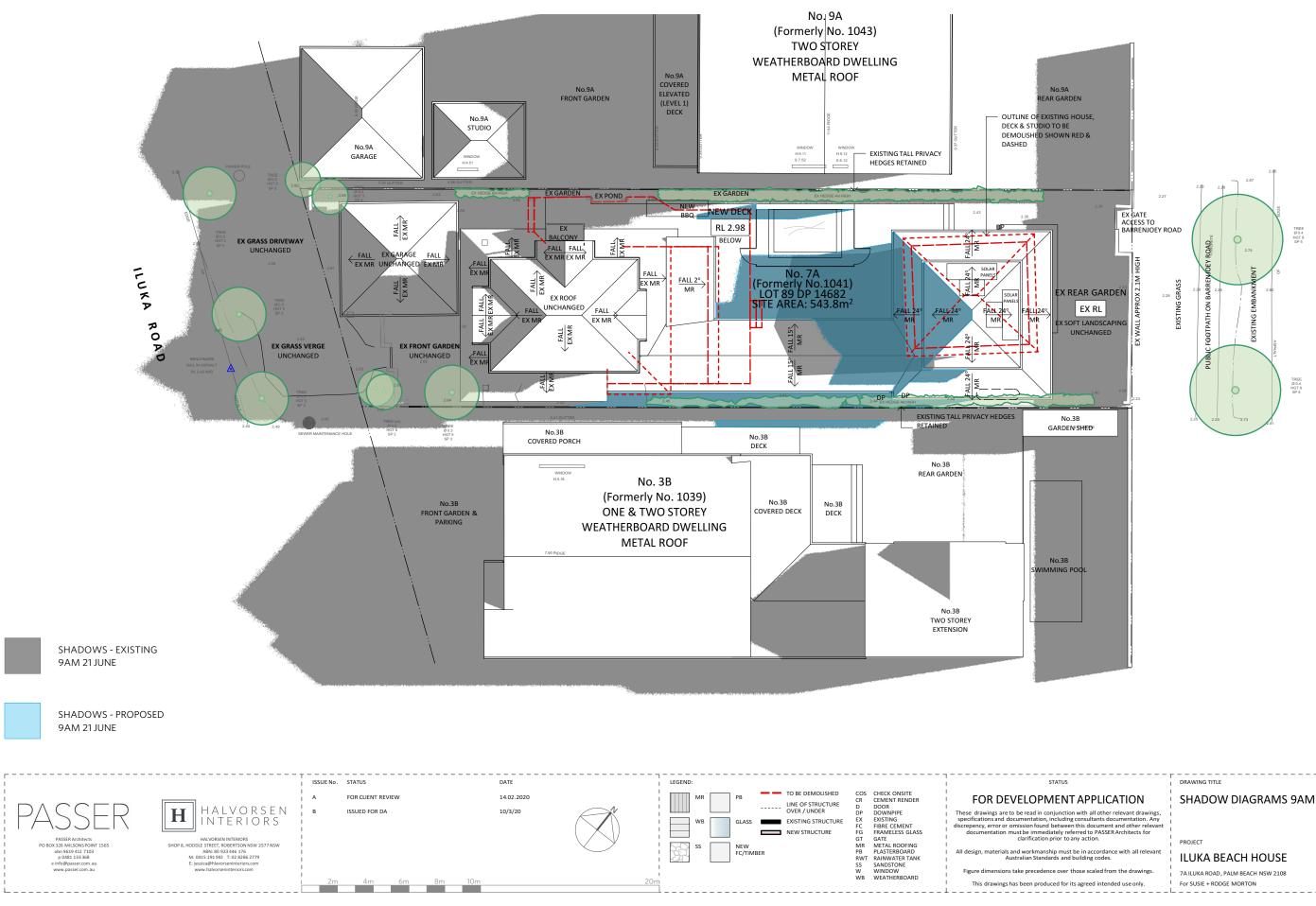


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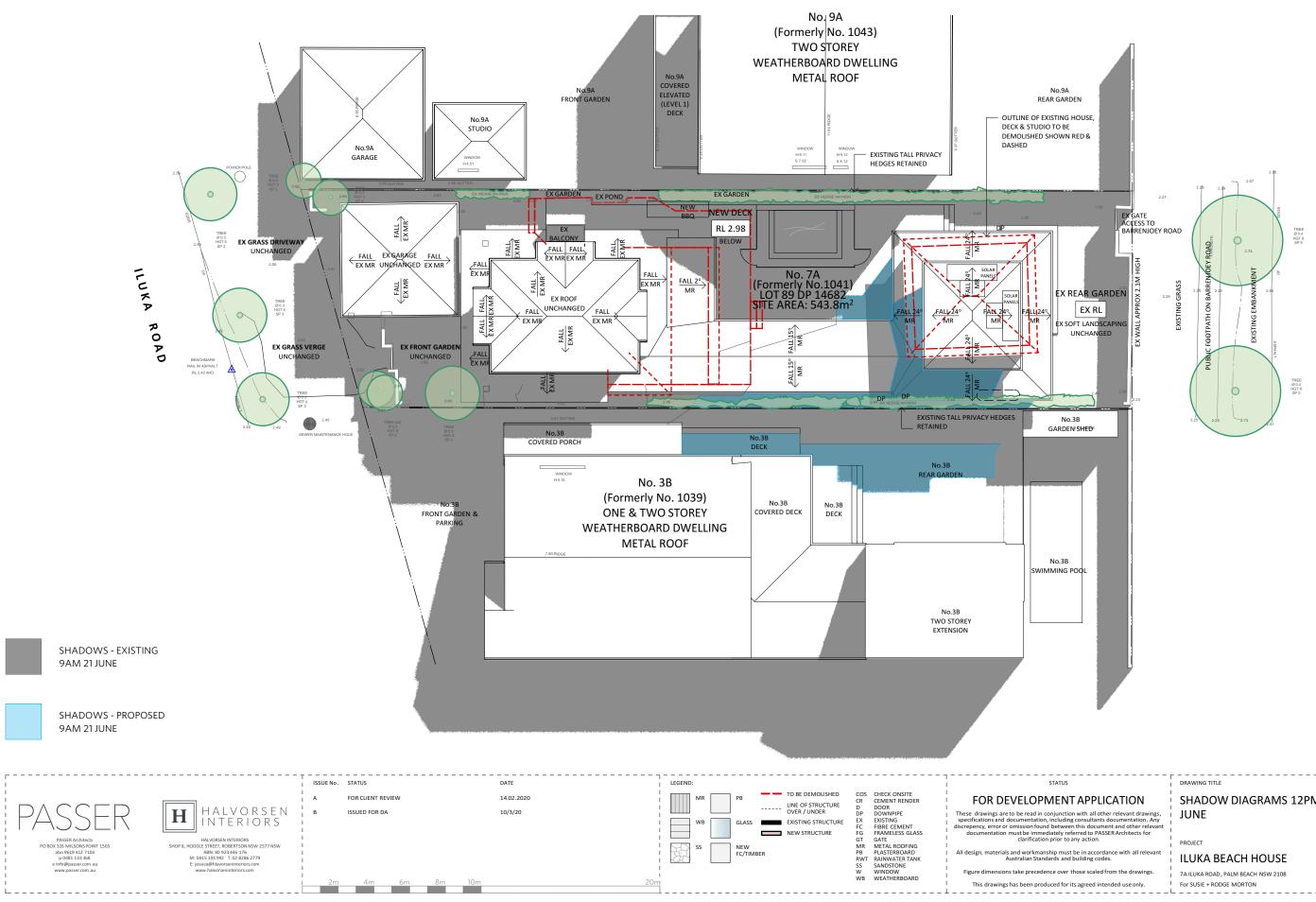
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## DRAWING No: SHADOW DIAGRAMS 9AM 21 JUNE **DA14** В ISSUE: PROJECT: 1915 SCALE: 1:200 DATE: FEB 2020





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