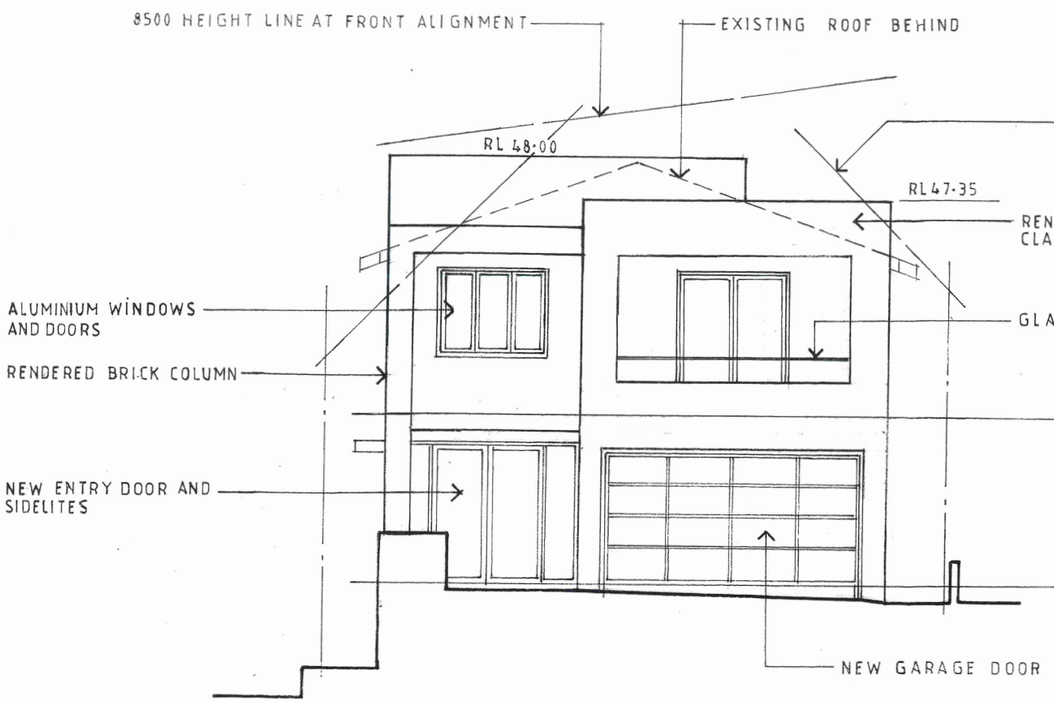
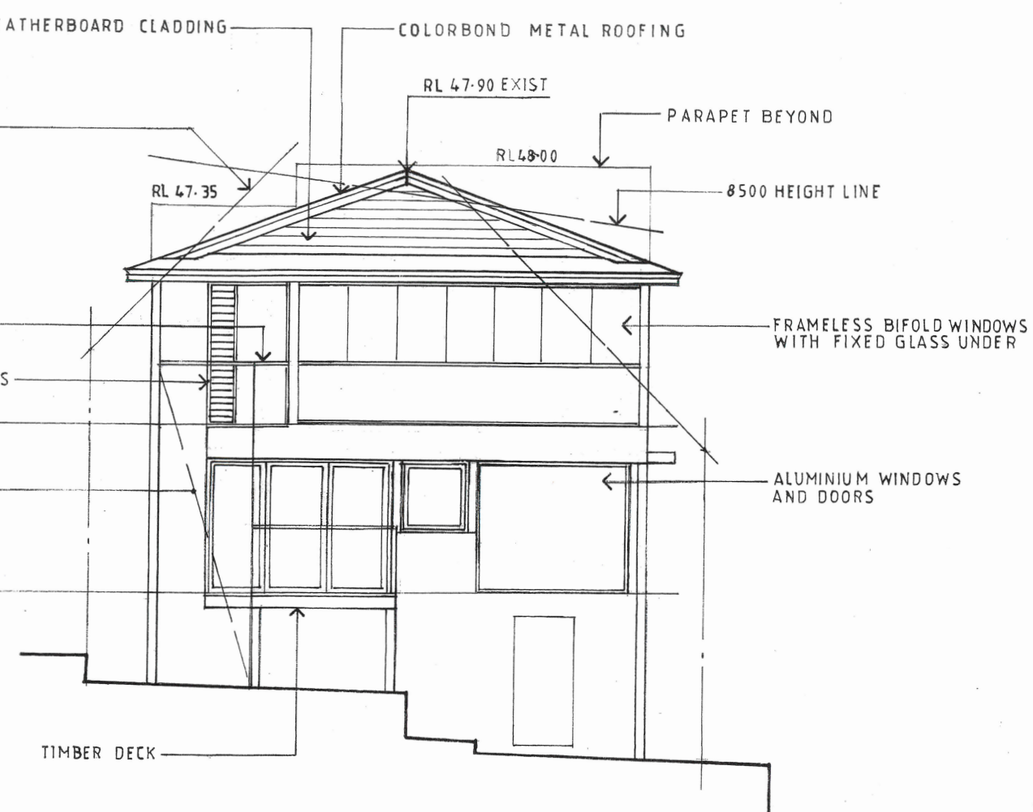
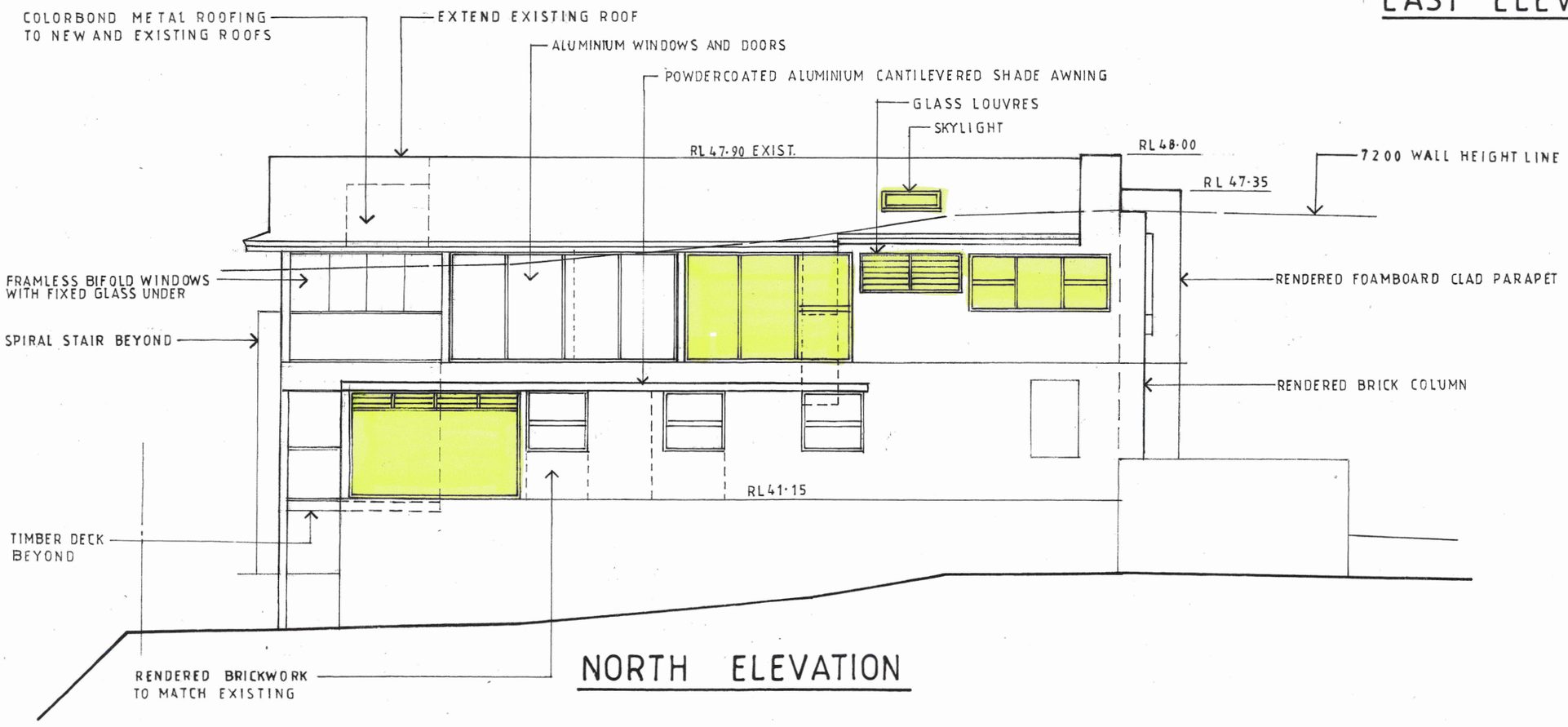


WEST ELEVATION



EAST ELEVATION



NORTH ELEVATION

	DATE	REVISION
A	12-11-18	WINDOWS TO NORTH ELEVATION REVISED AND SKYLIGHT ADDED.

NETWORK DESIGN
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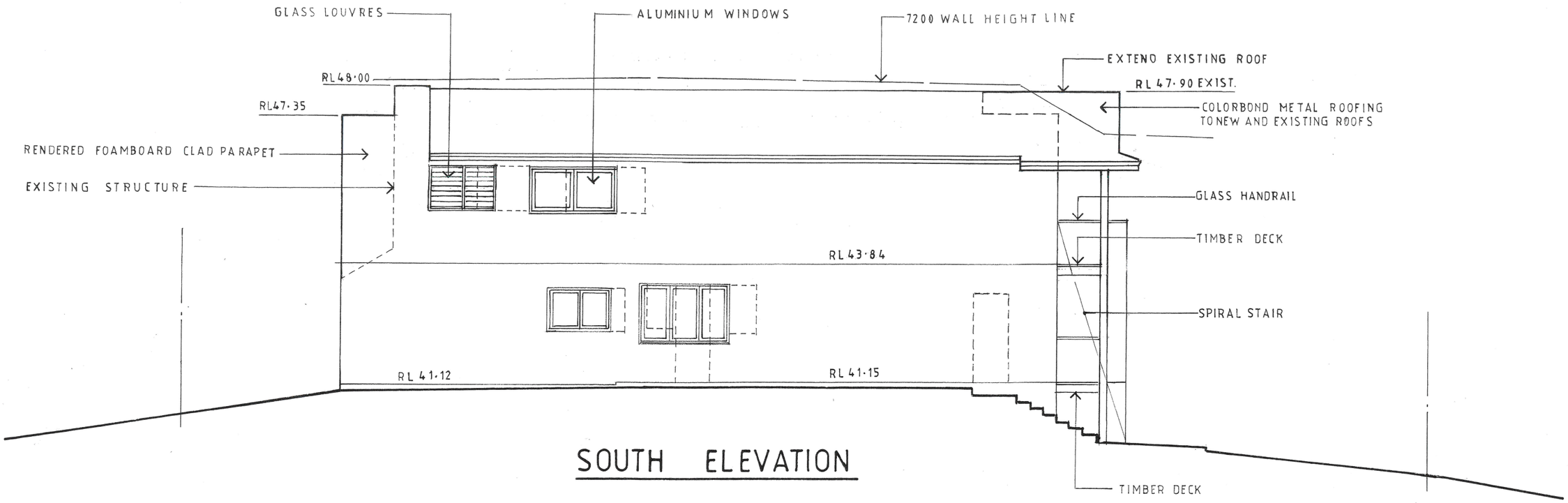
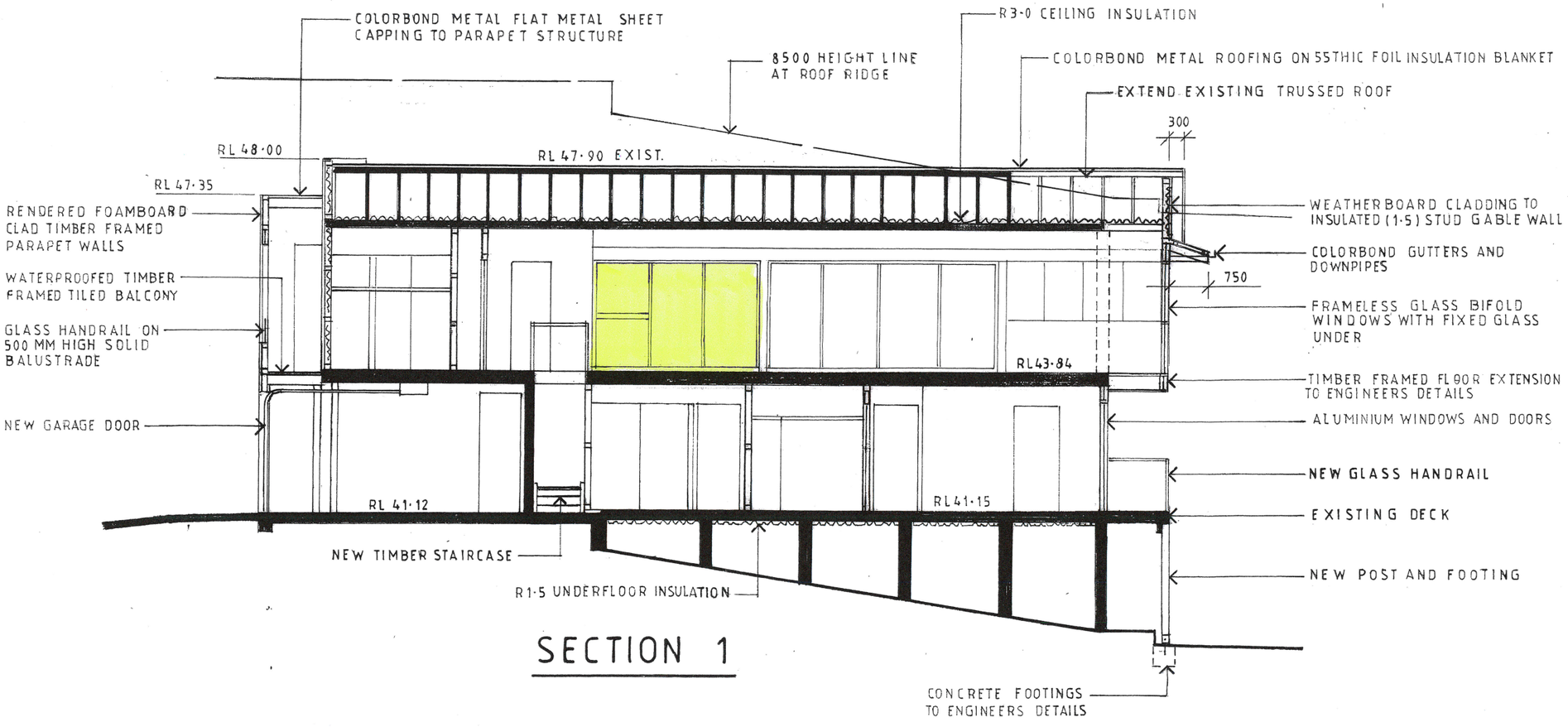
PROPOSED ALTERATIONS
40 MONASH PARADE, DEE WHY
FOR CARYN CAVANAGH LOT 53A DP 101690

WEST, EAST & NORTH ELEVATION			DRG. NO. 08-16-MON
DATE AUGUST 2016	DRAWN J.WRIGHT	SCALE 1:100	SHEET NO. 3A



SOUTH ELEVATION



SECTION 1

	DATE	REVISION
A	12-11-18	FIRST FLOOR NORTHERN WINDOWS REVISED

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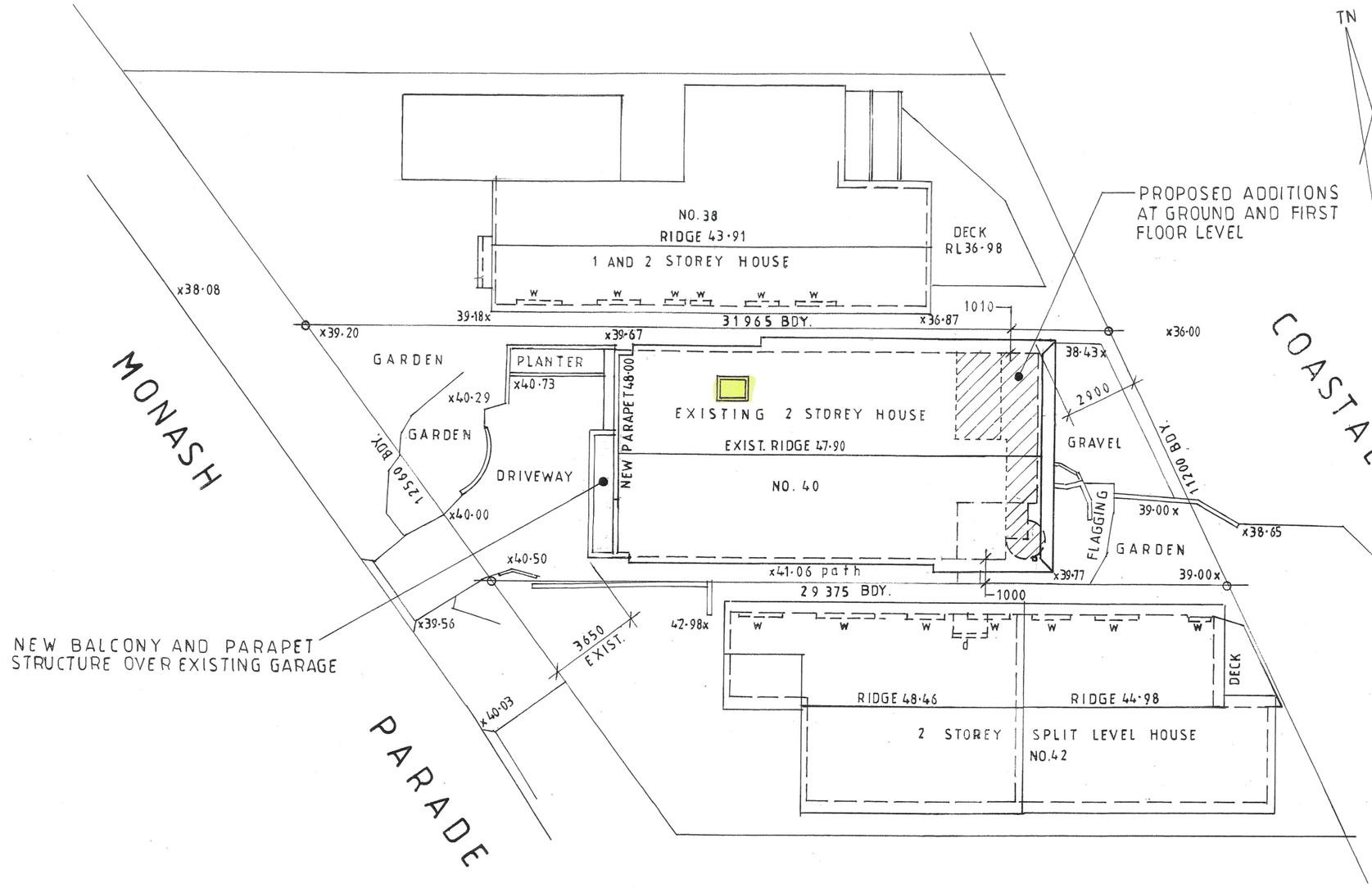
PROPOSED ALTERATIONS
40 MONASH PARADE, DEE WHY
FOR CARYN CAVANAGH LOT 53A DP 101690

SOUTH ELEVATION & SECTION			DRG. NO. 08-16-MON
DATE AUGUST 2016	DRAWN J.WRIGHT	SCALE 1:100	SHEET NO. 4A



SITE PLAN

Site Calculations m2

Site Area 308.5
Landscaped Open Space > 2m
Existing unchanged (15.2%) 46.9

	DATE	REVISION
A	12-11-18	SKYLIGHT ADDED

NETWORK DESIGN
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PROPOSED ALTERATIONS
40 MONASH PARADE, DEE WHY
FOR CARYN CAVANAGH LOT 53A DP101690

SITE PLAN & CALCULATIONS			DRG. NO. 08-16-MON
DATE AUGUST 2016	DRAWN J.WRIGHT	SCALE 1:200	SHEET NO. 5A

Glazing requirements

Windows and glazed doors

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.

For projections described as a ratio, the ratio of the projection from the wall to the height above the window or glazed door sill must be at least that shown in the table below.

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.

Windows and glazed doors glazing requirements

Window / door no.	Orientation	Area of glass inc. frame (m2)	Overshadowing Height (m)	Overshadowing Distance (m)	Shading device	Frame and glass type
W1	N	1.32	1.85	4.1	projection/height above sill ratio >=0.36	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)
W2	N	1.32	1.85	4.1	projection/height above sill ratio >=0.36	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)
W3	N	1.32	1.85	4.1	projection/height above sill ratio >=0.36	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)
W4	N	7.14	0	0	projection/height above sill ratio >=0.23	improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46)
W5	E	5.25	0	0	eave/verandah/pergola/balcony >=900 mm	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)
W6	E	1.2	0	0	eave/verandah/pergola/balcony >=900 mm	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)
D7	E	6.45	0	0	eave/verandah/pergola/balcony >=900 mm	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)
W8	S	2.52	0	0	none	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)
W9	S	1.8	0	0	none	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)
D10	W	6.8	0	0	eave/verandah/pergola/balcony >=900 mm	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)
W11	N	3.3	0	0	projection/height above sill ratio >=0.36	improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46)
W12	N	1.4	0	0	projection/height above sill ratio >=0.43	improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46)
W13	N	7.14	0	0	projection/height above sill ratio >=0.29	improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46)
W14	N	10.1	0	0	projection/height above sill ratio >=0.29	improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46)
W15	N	6.51	0	0	projection/height above sill ratio >=0.29	improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46)
W16	E	11.51	0	0	projection/height above sill ratio >=0.36	improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46)
W17	S	3.72	0	0	eave/verandah/pergola/balcony >=900 mm	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)
W18	E	2.77	0	0	eave/verandah/pergola/balcony >=900 mm	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)
W19	S	1.8	0	0	projection/height above sill ratio >=0.23	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)
W20	S	1.35	0	0	projection/height above sill ratio >=0.23	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)
W21	W	3.8	0	0	eave/verandah/pergola/balcony >=900 mm	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)
W22	SW	1.62	0	0	projection/height above sill ratio >=0.23	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)

Fixtures and systems

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.

Construction

Insulation requirements

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.

Construction	Additional insulation required (R-value)	Other specifications
suspended floor with open subfloor: framed (R0.7).	R0.8 (down) (or R1.50 including construction)	
suspended floor with enclosed subfloor: framed (R0.7).	R0.60 (down) (or R1.30 including construction)	
external wall: external insulated façade system (EIFS)(façade panel: 75 mm)	nil	
external wall: brick veneer	R1.16 (or R1.70 including construction)	
internal wall shared with garage: plasterboard (R0.36)	nil	
raked ceiling, pitched/skillion roof: framed	ceiling: R2.24 (up), roof: foil backed blanket (55 mm)	medium (solar absorptance 0.475 - 0.70)

Skylights

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:

Each 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.

Skylights glazing requirements

Skylight number	Area of glazing inc. frame (m2)	Shading device	Frame and glass type
S1	1.3	no shading	timber, low-E internal/argon fill/clear external, (or U-value: 2.5, SHGC: 0.456)

	DATE	REVISION
A	12-11-18	W4, W11, W12, W13 REVISED SKYLIGHT S1 ADDED

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BASIX COMMITMENTS

DRG. NO. 08-16-MON

DATE	DRAWN	SCALE	SHEET NO.
AUGUST 2016	J.WRIGHT		6A