

CONCRETE FOOTINGS TO ENGINEERS DETAILS

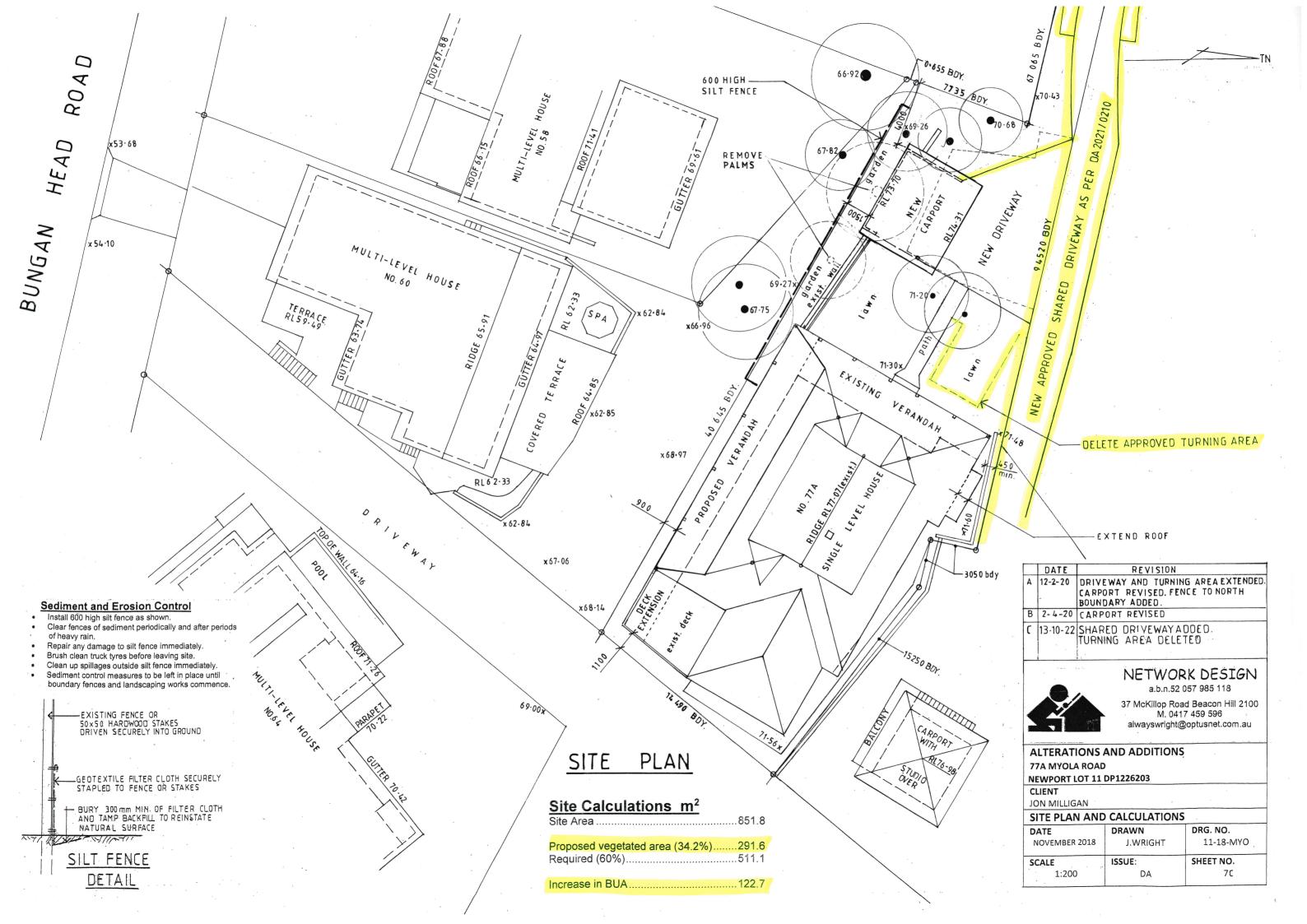
- 1. All dimensions to be checked on site by builder prior to the commencement of works. Figured dimensions to be used. Do not scale drawing. All dimensions in millimetres unless shown otherwise.
- 2. Concrete works to be in accordance with AS3600 and Engineers details.
- All timber framing to AS1684 & 1720 and Engineers details where relevant.
- All steelwork to AS4100 and Engineers details.

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- All brick and blockwork to be in accordance with AS3700.
- All new glazing to be in accordance with AS1288. Windows and doors to be installed in accordance with manufacturers specifications. Flashing details to comply with the relevant exposure condition for each window or door.
- 7. All works generally to be in accordance with local council bylaws and the Building Code of Australia.
- 8. All work to be left in a safe and stable condition at the end of each day







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

Alterations and Additions

Certificate number: A348164_02

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 out 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

Date of issue: Thursday, 12, December 2019 To be valid, this certificate must be lodged within 3 months of the date of issue.

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Description	

J	Project address			
U U	Project name	77A Myola Road, Newport_02		
	Street address	77A Myola Road Newport 2106		
_	Local Government Area	Northern Beaches Council		
5	Plan type and number	Deposited Plan 715601		
	Lot number	1		
5	Section number			
	Project type			
0	Dwelling type	Separate dwelling house		
	Type of alteration and addition	My renovation work is valued at \$50,000 or more, and does not include a pool (and/or spa).		

NSW SUMPRESSOR	Planning, Industry & Environment
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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	
external wall: framed (weatherboard, fibro, metal clad)	R1.30 (or R1.70 including construction)		

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.

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

	Orientation		of Overshadowing		Shading device	Frame and glass type
no.		glass inc. frame (m2)	Height (m)	Distance (m)		
D1	NW	6.75	0	0	eave/verandah/pergola/balcony >=900 mm	improved aluminium, single clear, (U-value.44, SHGC: 0.75)
W2	NW	1.28	0	0	eave/verandah/pergola/balcony >=900 mm	improved aluminium, single clear, (U-value.44, SHGC: 0.75)
W3	SW	2.03	0	0	eave/verandah/pergola/balcony >=900 mm	improved aluminium, single clear, (U-value, 5.44, SHGC: 0.75)
D4	NW	5.67	0	0 .	eave/verandah/pergola/balcony >=900 mm	improved aluminium, single clear, (U-vali 6.44, SHGC: 0.75)
D5	NE	7.43	0	0	eave/verandah/pergola/balcony >=750 mm	improved aluminium, single pyrolytic low (U-value: 4.48, SHGC: 0.46)
W6	NE	2.25	1.9	1.4	none	improved aluminium, single pyrolytic low (U-value: 4.48, SHGC: 0.46)
W7	NE	2.64	2.2	0.9	none	improved aluminium, single pyrolytic low (U-value: 4.48, SHGC: 0.46)
D8	NE	1.81	2.7	1.55	none	improved aluminium, single pyrolytic low (U-value: 4.48, SHGC: 0.46)
D9	SW	8.78	0	0	eave/verandah/pergola/balcony >=900 mm	improved aluminium, single clear, (U-val 6.44, SHGC: 0.75)
D10	SE	5.4	0	0	eave/verandah/pergola/balcony >=900 mm	improved aluminium, single clear, (U-va 6.44, SHGC: 0.75)
D11	SW	7.92	0	0	eave/verandah/pergola/balcony >=900 mm	improved aluminium, single clear, (U-va 6.44, SHGC: 0.75)
D12	SW	6.71	0	0	eave/verandah/pergola/balcony >=900 mm	improved aluminium, single clear, (U-va 6.44, SHGC: 0.75)
W13	SW	1.8	0 ,	0	eave/verandah/pergola/balcony >=900 mm	improved aluminium, single clear, (U-va 6.44, SHGC: 0.75)
D14	SW	13.75	0	0 .	eave/verandah/pergola/balcony >=900 mm	improved aluminium, single clear, (U-va 6.44, SHGC: 0.75)
W15	SW	1.8	0	0	eave/verandah/pergola/balcony >=900 mm	improved aluminium, single clear, (U-va 6.44, SHGC: 0.75)
W16	NW	1.8	0	0	eave/verandah/pergola/balcony >=900 mm	improved aluminium, single clear, (U-va 6.44, SHGC: 0.75)
W17	NW	1.11	2.2	1.2	none	improved aluminium, single pyrolytic lov (U-value: 4.48, SHGC: 0.46)



NETWORK DESIGN

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ALTERATIONS AND ADDITIONS 77A MYOLA ROAD NEWPORT LOT 11 DP1226203

CLIENT JON MILLIGAN

BASIX COMMITMENTS DRG. NO. DRAWN DATE 11-18-MYO NOVEMBER 2018 J.WRIGHT SHEET NO. SCALE ISSUE: 1:100 DA 8