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BASIX Certificate

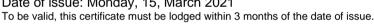
Building Sustainability Index www.basix.nsw.gov.au

Alterations and Additions

Certificate number: A409236

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

Secretarv Date of issue: Monday, 15, March 2021





Planning, Industry & Environment

Project address	
Project name	3 Melaleuca
Street address	3 Melaleuca Street Newport 2106
Local Government Area	Northern Beaches Council
Plan type and number	Deposited Plan 10423
Lot number	108
Section number	
Project type	
	Attached dwelling house

Certificate Prepared by (please complete before submitting to Council or PCA)

Name / Company Name: Amores Design

ABN (if applicable): 36152952562

Fixtures and systems	Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
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.		\checkmark	\checkmark
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.		\checkmark	\checkmark
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.		\checkmark	

Construction	Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check		
Insulation requirements			1		
The applicant must construct the new or altered the table below, except that a) additional insula is not required for parts of altered construction	~	~	~		
Construction	Additional insulation required (R-value)	Other specifications			
floor above existing dwelling or building.	nil				
external wall: framed (weatherboard, fibro, metal clad)	R1.30 (or R1.70 including construction)				
flat ceiling, pitched roof	ceiling: R2.50 (up), roof: foil/sarking	medium (solar absorptance 0.475 - 0.70)			

Glazing requ	uirements						Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
Windows and	d glazed do	ors							
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 r	equirements r	must also	be satisfi	ed in relatior	n to each window and glazed door:			\checkmark	\checkmark
have a U-value	and a Solar	Heat Gair	n Coefficie	ent (SHGC) r		ed glass may either match the description, or, le below. Total system U-values and SHGCs s.		~	~
For projections above the hea	described in dof the windo	millimetre w or glaz	es, the lea ed door a	ading edge of Ind no more t	f each eave, pergola, verandah, bal than 2400 mm above the sill.	cony or awning must be no more than 500 mm	\checkmark	~	~
Pergolas with polycarbonate roof or similar translucent material must have a shading coefficient of less than 0.35.								\checkmark	\checkmark
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.								~	~
Windows a	nd glazed o	doors g	lazing r	equireme	nts		-		
Window / doo		Area of			Shading device	Frame and glass type			
no.		glass inc. frame (m2)	Height (m)	Distance (m)					
W1	S	2	0	0	eave/verandah/pergola/balcony >=450 mm	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)			
W2	E	2	0	0	eave/verandah/pergola/balcony >=450 mm	timber or uPVC, single toned, (or U-value: 5.67, SHGC: 0.49)			
W3	E	0.24	0	0	eave/verandah/pergola/balcony >=450 mm	timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66)			
W4	E	0.24	0	0	eave/verandah/pergola/balcony >=450 mm	timber or uPVC, single toned, (or U-value: 5.67, SHGC: 0.49)			
	Е	0.6	0	0	eave/verandah/pergola/balcony	timber or uPVC, single toned, (or U-value:	1	1	1

Glazing requirements							Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
Window / door no.	Orientation	Area of glass inc. frame (m2)	Oversha Height (m)	dowing Distance (m)	Shading device	Frame and glass type			
W6	N	2	0	0	eave/verandah/pergola/balcony >=450 mm	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)			

Legend

In these commitments, "applicant" means the person carrying out the development.

Commitments identified with a " / " in the "Show on DA plans" column must be shown on the plans accompanying the development application for the proposed development (if a development application is to be lodged for the proposed development).

Commitments identified with a "
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Show on CC/CDC plans & specs" column must be shown in the plans and specifications accompanying the application for a construction certificate / complying development certificate for the proposed development.

Commitments identified with a " / " in the "Certifier check" column must be certified by a certifying authority as having been fulfilled, before a final occupation certificate for the development may be issued.