# **BASIX**<sup>°</sup>Certificate

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

# Alterations and Additions

Certificate number: A354522\_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

Secretary Date of issue: Thursday, 24, October 2019 To be valid, this certificate must be lodged within 3 months of the date of issue.

NSW	Planning & Environment
GOVERNMENT	Environment

Project name	EC 3003 - 8 Phillip Avenue_02
Street address	8 Phillip Avenue Seaforth 2092
Local Government Area	Northern Beaches Council
Plan type and number	Deposited Plan 35319
Lot number	98
Section number	
Project type	
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).

# Fixtures and systems

### 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 fluores light-emitting-diode (LED) lamps.

Fixtures

The applicant must ensure new or altered showerheads have a flow rate no greater than 9 litres p

The applicant must ensure new or altered toilets have a flow rate no greater than 4 litres per aver

The applicant must ensure new or altered taps have a flow rate no greater than 9 litres per minut

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

Name / Company Name: Eco Certificates Pty Ltd

ABN (if applicable): 166705488

Construction			Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
Insulation requirements					
	ation is not required where the area of new con	<li>s) in accordance with the specifications listed in struction is less than 2m2, b) insulation specified</li>	~	~	~
Construction	Additional insulation required (R-value)	Other specifications			
concrete slab on ground floor.	nil				
floor above existing dwelling or building.	nil				
external wall: brick veneer	R1.16 (or R1.70 including construction)				
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	dark (solar absorptance > 0.70)			

Γ			Head Office: 26 Sydney Street, Marrickville, NSW 2204	R	EV / DATE	DESCRIPTION	TITLE	SCALE		@ A3	NORTH POINT	NOTES
		D+A		А	21.08.2019	DA SUBMISSION		DRAWN B	MD+A			· ALL WORKS TO COMF RELEVANT AUSTRALIA
		HITECTS	tel +61 1300-424-329	В	24.10.2019	DA RESUBMISSION	BASIX CERTIFICATE (1 of 2)	DATE	24.10	.2019		· ALL WORKS ARE TO E
								PROJECT	# 0000			ACCORDANCE WITH TH THE BUILDING CODE O
H	Residential / Co	ommercial / Interiors	-					DWG #		REVISION		. ALL DIMS TO BE VERIF
	Member Australian Institute of Architects	THIS DRAWING AND DESIGN IS SUBJECT TO COPYRIGHT AND SHALL	Email: info@mdaarchitects.com.au				PETER HUA					PRIOR TO CONSTRUCT . BOUNDARY DIMENSIO
	minated Architect - B.Marvin	NOT BE COPIED IN WHOLE OR IN PART WITHOUT THE WRITTEN	Browse: www.mdaarchitects.com.au				PROPOSED ADDITIONS AND ALTERATIONS	DA-0	JIA	В		SUBJECT TO CONFIRMA . USE FIGURED DIMENSI
	W ARB 7462 N 59 150 319 878	PERMISSION OF MD&A ARCHITECTS AUSTRALIA PTY LTD OR ITS AGENT	Mail to: P.O. Box 157, Marrickville, NSW 2204				8 PHILLIP AVENUE, SEAFORTH, NSW 2029					SCALE FROM PLANS.

	Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
	1		
5.	$\checkmark$	$\checkmark$	$\checkmark$
rescent, compact fluorescent, or		~	$\checkmark$
s per minute or a 3 star water rating.		$\checkmark$	~
erage flush or a minimum 3 star water rating.		$\checkmark$	~
ute or minimum 3 star water rating.		$\checkmark$	
	1	1	

	LEGEND
MPLY WITH THE IAN STANDARDS D BE CARRIED OUT IN THE REQUIREMENTS OF OF AUSTRALIA.	
RIFIED BY BUILDER ICTION. SIONS & ALL LEVELS RMATION BY BUILDER. NSIONS ONLY, DO NOT	

Glazing requi	irements						Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
Window / door	Orientation	Area of	Oversha	adowing	Shading device	Frame and glass type			
no.		glass inc. frame (m2)	Height (m)	Distance (m)					
		()				U-value: 7.63, SHGC: 0.75)			
W4 Toilet	s	0.81	0	0	none	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)			
W3 FR	s	1.62	0	0	none	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)			
D1 FR	E	1.89	0	0	projection/height above sill ratio >=0.43	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)			
D3 Dining	E	7.35	0	0	projection/height above sill ratio >=0.43	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)			
W2 Kitchen	E	2.16	0	0	projection/height above sill ratio >=0.43	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)			
W3 Kitchen	N	1.62	0	0	projection/height above sill ratio >=0.43	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)			
W7 LR	N	2.16	0	0	projection/height above sill ratio >=0.43	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)			
W1 LR	W	2.7	0	0	external louvre/blind (adjustable)	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)			
W2 Bed2	W	2.16	0	0	external louvre/blind (adjustable)	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)			
W2 Ensuite	W	2.16	0	0	external louvre/blind (adjustable)	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)			
W4 WIR	N	0.81	0	0	projection/height above sill ratio >=0.43	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)			
W3 MainBed	N	1.62	0	0	projection/height above sill ratio >=0.43	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)			
W2 MainBed	E	2.16	0	0	projection/height above sill ratio	standard aluminium, single clear, (or			

Glazing requ	irements						Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
Window / door	Orientation	Area of	Oversha	dowing	Shading device	Frame and glass type			
no.		glass inc. frame (m2)	Height (m)	Distance (m)					
		-			>=0.43	U-value: 7.63, SHGC: 0.75)			
W5 Bath	E	1.08	0	0	projection/height above sill ratio >=0.43	standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75)			
W2 Bed3	E	2.16	0	0	projection/height above sill ratio >=0.43	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 " $\checkmark$ " 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 " $\checkmark$ " in the "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.

	Head Office: 26 Sydney Street, Marrickville, NSW 2204	REV / D	DATE DESCRIPTION	TITLE		SCALE	@ A3	NORTH POINT	NOTES	LEGEND
MD+A		A 21.0	08.2019 DA SUBMISSION		$(0 \circ f \circ)$	DRAWN BY MD+A			· ALL WORKS TO COMPLY WITH THE RELEVANT AUSTRALIAN STANDARDS	
A R C H I T E C T S	tel +61 1300-424-329	B 24.1	0.2019 DA RESUBMISSION	BASIX CERTIFICATE	(2012)	DATE 24.10.	2019		ALL WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF	
Residential / Commercial / Inte	riore					<b>PROJECT #</b> 0000			THE BUILDING CODE OF AUSTRALIA.	
						DWG #	REVISION		. ALL DIMS TO BE VERIFIED BY BUILDER PRIOR TO CONSTRUCTION.	
Member Autober Subject To CoPYRGHT of Administration Subject To CoPYRGHT				PETER HUA					BOUNDARY DIMENSIONS & ALL LEVELS SUBJECT TO CONFIRMATION BY BUILDER.	
Nominated Architect - B.Marvin PART WITHOUT THE WRIT	En Browse: www.mdaarchitects.com.au			PROPOSED ADDITIONS AND A		DA-01B	B		. USE FIGURED DIMENSIONS ONLY, DO NOT	
NSW ARB 7462 PERMISSION OF MD&A AF ABN 59 150 319 878 AUSTRALIA PTY LTD OR IT	SAGENT MAIL TO: P.O. BOX 157, MAILTOKVIIIE, NSVV 2204			8 PHILLIP AVENUE, SEAFORTH,	NSW 2029				SCALE FROM PLANS.	