



BASIX*Certificate

Building Sustainability Index www basix nsw gov au

Alterations and Additions

Certificate number: A166108_06

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 18/09/2014 published by Planning & Infrastructure. This document is available at www basix nsw gov au

This certificate is a revision of certificate number A166108 lodged with the consent authority or certifier on 04 Jul 2013 with application DA2013/0768

Director General
Date of issue Friday 14 November 2014
To be valid this certificate must be lodged within 3 months of the date of issue



Project address	
Project name	Hoffman_06
Street address	20 Taylor Street North Curl Curl 2099
Local Government Area	Warringah Council
Plan type and number	Deposited Plan 27633
Lot number	5
Section number	0
Preject type	
Dwelling type	Separate dwelling house
Type of alteration and addition	My renovation work is valued at \$50 000 or more and includes a pool (and/or spa)

Certificate Prepared by (please complete before submitting to Council or PCA)			
Name / Company Name Architexture			
ABN (if applicable) 132171067			

RASIX Certificate number: A166108-06

Pool and Spa Rainwaler tank	Shew en DA Plans	Show on CC/CDC Plans & specs	Certifier / Check /
The applicant must install a ranwater tank of at least 1443 litres on the site. This rainwater tank must meet, and be installed in accordance with the requirements of all applicable regulatory authorities.	1	~	1
The applicant must configure the rainwater tank to collect rainwater runoff from at least 246.5 square metres of roof area	į.	1	1
The applicant must connect the rainwater tank to a tap located within 10 metres of the edge of the pool		1	1
Outdoor swimming pool		-	•
The swimming pool must be outdoors	1	1	✓
The swimming pool must not have a capacity greater than 41 3 kilolitres		✓	1
The applicant must install a pool pump timer for the swimming pool		✓	1
The applicant must install the following heating system for the swimming pool that is part of this development solar only		1	1

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	*	1
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	/	1
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	1	1
The applicant must ensure new or altered tans have a flow rate no greater than 9 litres per minute or minimum 3 star water rating	1	

BASIX Certificate number: A166108 06

Construction				Shew en DA Plans	Shew on CC/CDC. Plans & specs	Certifier # Check
Insulation requirements					,	
	d construction (floor(s) walls and ceilings/roofs) ation is not required where the area of new const where insulation already exists			✓	*	*
Censtruction	Additional insulation required (R-value)	Other specifications				
concrete slab on ground floor	nil					
suspended floor with enclosed subfloor concrete (R0 6)	R0 70 (down) (or R1 30 including construction)					
suspended floor above garage framed (R0 7)	nıl					
floor above existing dwelling or building	nil					
external wall framed (weatherboard fibro metal clad)	R1 30 (or R1 70 including construction)					
external wall external insulated façade system (EIFS)(façade panel 70 mm)	nil					
flat ceiling pitched roof	ceiling R1 95 (up) roof foil backed blanket (55 mm)	medium (solar absorptance 0 475	0 70)			
flat ceiling flat roof framed	ceiling R2 08 (up) roof foil backed blanket (55 mm)	medium (solar absorptance 0 475	0 70)			

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 Sam Coefficient (SHGC) no greater than that listed in the table below Total system U values and SHGCs must be calculated in accordance with National Fanastration 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 External louvres and blinds must fully shade the window or glazed door beside which they are situated when fully drawn or closed eave/verand >=900 mm improved aluminium 6 44 SHGC 0 75) eave/veran 6 44 SHGC 0 75) improved aluminium single clear (U-value 6 44 SHGC 0 75) eave/veran improved aluminium single clear (U-value 6 44 SHGC 0 75) xternal louvre/blind (fixed improved aluminium single clear (U-value 6 44 SHGC 0 75) improved aluminium single clear (U-value 6 44 SHGC 0 75) improved aluminium single clear (U-value 6 44 SHGC 0 75) improved aluminium single clear (U-value 6 44 SHGC 0 75) improved aluminium single clear (U-value 6 44 SHGC 0 75) eave/verandah/p >=900 mm improved aluminium single clear (U-value 6 44 SHGC 0 75) eave/verand >=450 mm improved aluminium single pyrolytic lo (U value 4 48 SHGC 0 46) eave/verand >=750 mm improved aluminium single pyrolytic low-e (U value 4 48 SHGC 0 46) >=750 mm improved aluminium single pyrolytic low-e (U value 4 48 SHGC 0 46) eave/veranda >=750 mm improved aluminium single clear (U-value 6 44 SHGC 0 75) improved aluminium single clear (U-value 6 44 SHGC 0 75) projectio >=0 43 W12A improved aluminium single clear (U-value 6 44 SHGC 0 75)

BASIX Certificate number: A166108_08

page 8 / 8

tments applicant" means the person carrying out the development nts 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 int application is to be lodged for the proposed development) commitments identified with a 🧹 in the Show on CC/CDC plans & specs column must be shown in the plans and specifications accompanying the application for a construction entificate / complying development certificate for the proposed development

standard aluminium single pyrolytic low-(U value 5.7 SHGC 0.47)

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 evelopment may be issued

All construction work to be performed in accordance with Australian Standards and Building Code of Australia 2007

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Dimensions shall not be obtained by scaling off drawings. All dimensions shall be site checked prior to commencement of works. All measurements on plans are subject to change due to site variances, engineering requirements and Council conditions

Architexture



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Alterations & Additions

>=900 mm

BASIX CERTIFICATE

Project Number HOF 1112 Client Name Catherine Hoffman

Client Address

20 Taylor Street, North Curl Curl, 2099, Site Area 610 7m2 LOT 5 DP 27633

Architect Darren Tye s96

Architexture

Plot Date Friday, November 14 2014

1 100 @ A3 Drawing No

CC16