

# NatHERS Assessor Certificate

## Multi Dwellings

Certificate Version 6.1. Prior versions not valid after 1 March 2006

Issued in accordance with

**BASIX** Thermal Comfort Simulation Method.



<b>Assessor</b>			
<b>Name:</b> Jacob Rziner	<b>Company:</b> Tutis Consulting		<b>Assessors #:</b> 10194
<b>Client</b>			
<b>Name:</b> Angelina Minawaty	<b>Company:</b> Mackenzie Architect International		
<b>Address:</b> Pacific Hway Gordon, NSW 2072			
<b>Phone:</b> (02) 9967 9966	<b>Fax:</b> -	<b>E-mail:</b> angelina@mainternational.com.au	
<b>Project</b>			
<b>Address:</b> 3 Gondola Rd, North Narrabeen NSW 2101 (Lot- 188 DP 16719)			
<b>Applicant:</b> Brett Crowther		<b>LGA:</b> Northern Beaches Council	
<b>Assessment</b>			
<b>Date:</b> 11/05/2022	<b>File ref:</b> 3 Gondola	<b>Software:</b> Frist Rate 5	<b>Version:</b> 5.3.0

### Documentation

All details, upon which this assessment has been based, are included in the project documentation that has been stamped and signed by the Assessor issuing this certificate, as identified below:

#### NatHERS Spec :

Attached, Affixed to first drawing

**Drawings:** (Title, Ref.#, Revision, Issue date, etc)

Drawings Prepared by: Mackenzie Architects

Date: - Issue :- Project no: -Drawing status: DA

		Certificate Number 0006179746	
<input type="checkbox"/> single-dwelling rating	<b>5.2</b> stars		
<input checked="" type="checkbox"/> multi-unit development (attach listing of ratings) <small>If selected, data specified is the average across the entire development</small>	heating	38.5 MJ/m <sup>2</sup>	
	cooling	21.6 MJ/m <sup>2</sup>	
Recessed downlights confirmation: <input type="checkbox"/> Rated with <input checked="" type="checkbox"/> Rated without			
Assessor Name/Number 10901			
Assessor Signature 		Date 11/04/2022	

Assessor Certificate		Assessor # 10194		Certificate # 0006179746		Issued: 11/05/2022	
Thermal performance specifications							
Room no	Predict. loads (MJ/M²/y)			Concessions	Qualify for ventilation bonus		
	Heat	Cool (Sens & Lat)	Star ratings				
101	37	23	5.3	n/a	n/a		
102	32	21	5.4	n/a	n/a		
103	45	25	5.1	n/a	n/a		
104	38	25	5.2	n/a	n/a		
201	39	24	5.3	n/a	n/a		
202	40	20	5.1	n/a	n/a		
203	34	21	5.6	n/a	n/a		
204	43	14	5.1	n/a	n/a		
Total(8)	308	173	42.1				
Average	38.5	21.6	5.2				

### Thermal Performance Specifications

These are the Specifications upon which the Certified Assessment is based. If details included in these Specifications vary from other drawings or written specifications, these Specifications shall take precedence. If only one specification option is detailed for a building element, that specification must apply to all instances of that element for the project. If alternate specifications are detailed for a building element, the location and extent of alternate specifications must be detailed below and / or clearly indicated on referenced documents

Windows	Glass	Frame	U value	SHGC	Detail
ALM-002-01 A	SG Clear	Aluminium	6.7	0.70	Throughout

Skylights	Product ID	Glass	Frame	U value	SHGC	Area M <sup>2</sup>	Detail
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Window and skylight U and SHGC values, if specified, are according to NFRC. Alternate products or specifications may be used if their U value is lower, and the SHGC value is less than 10% higher or lower, than the U and SHGC values of the product specified above.

External walls	Insulation	Colour – solar abs.	Detail
	R2.0	Medium (solar absorptance 0.475- 0.70)	Throughout

Internal walls	Construction	Insulation	Detail
	Plasterboard	None	Internal unit walls

Floors	Construction	Insulation	Covering	Detail
	Suspended concrete	None	Carpet	Bed rooms
	Suspended concrete	None	Tiles	Kitchen & Wet areas

Ceilings	Construction	Insulation	Detail
	Plasterboard	R2.0	Only for ceiling exposed direct to roof

Roof	Construction	Insulation	Colour – solar abs.	Detail
Concrete roof	-		Medium (solar absorptance 0.475- 0.70)	As per drawings

Window cover	Internal (curtains)	External (awnings, shutters, etc)
Holland Blinds		As per drawings


Fixed shading	Eaves (width - inc. gutters, h't above windows)	Verandahs, Pergolas (type, description)
As per plan		

Overshadowing	Overshadowing structures	Overshadowing trees
As per plan		

### Orientation, Exposure, Ventilation and Infiltration

Orientation of nominal north:	0°
Terrain category:	Suburban
Roof ventilation:	Ventilated >2% of area
Cross ventilation:	Standard
Subfloor:	Enclosed / Elevated
Living area open to entry:	Yes
Doors separate living areas:	No
Stair open to heated areas:	No
Seals to windows and doors:	Yes
Exhaust fans without dampers:	Yes
Ventilated skylights:	No
Open fire, unflued gas heat:	No
Vented downlights:	Yes
Wall and ceiling vents:	No

Assessor stamp


**Energy Rating**


Certificate Number 0006179746

☐ single-dwelling rating

☒ multi-unit development (attach listing of ratings)  
If selected, data specified is the average across the entire development

Recessed downlights confirmation: ☐ Rated with ☒ Rated without

Assessor Name/Number 10901

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Date 11/04/2022

5.2 stars  
heating 38.5 MJ/m<sup>2</sup>  
cooling 21.6 MJ/m<sup>2</sup>

=====end=====