# Nationwide House Energy Rating Scheme NatHERS Certificate No. 0006661649-01

Generated on 19 Jan 2022 using BERS Pro v4.4.0.6 (3.21)

### **Property**

Address Unit 1, Ingleside Road , Ingleside , NSW ,

2101

**Lot/DP** 9/12130

NCC Class\* 1A

Type New Dwelling

### **Plans**

Main Plan BROWN

Prepared by Stothard Projects

### Construction and environment

Assessed floor are	ea (m²)*	Exposure Type
Conditioned*	273.0	Suburban
Unconditioned*	52.0	NatHERS climate zone
Total	325.0	56
Garage	37.0	



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Business name Energi Thermal Assessors Pty Ltd

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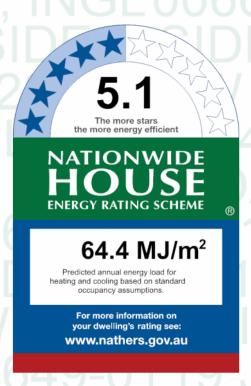
Phone 0452504125

Accreditation No. 101182

Assessor Accrediting Organisation

ABSA

Declaration of interest Declaration completed: no conflicts



### Thermal performance

 Heating
 Cooling

 39.5
 24.9

 MJ/m²
 MJ/m²

### About the rating

NatHERS software models the expected thermal energy loads using information about the design and construction, climate and common patterns of household use. The software does not take into account appliances, apart from the airflow impacts from ceiling fans.

### Verification

To verify this certificate, scan the QR code or visit

hstar.com.au/QR/Generate? p=qDanjxQEX.

When using either link, ensure you are visiting hstar.com.au

#### National Construction Code (NCC) requirements

The NCC's requirements for NatHERS-rated houses are detailed in 3.12.0(a)(i) and 3.12.5 of the NCC Volume Two. For apartments the requirements are detailed in J0.2 and J5 to J8 of the NCC Volume One.

In NCC 2019, these requirements include minimum star ratings and separate heating and cooling load limits that need to be met by buildings and apartments through the NatHERS assessment. Requirements additional to the NatHERS assessment that must also be satisfied include, but are not limited to: insulation installation methods, thermal breaks, building sealing, water heating and pumping, and artificial lighting requirements. The NCC and NatHERS Heating and Cooling Load Limits (Australian Building Codes Board Standard) are available at www.abcb.gov.au.

State and territory variations and additions to the NCC may also apply.



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### Certificate check

Ensure the dwelling is designed and then built as per the NatHERS Certificate. While you need to check the accuracy of the whole Certificate, the following spot check covers some important items impacting the dwelling's rating.

#### Genuine certificate

Does this Certificate match the one available at the web address or QR code in the verification box on the front page? Does the set of NatHERS-stamped plans for the dwelling have a Certificate number on the stamp that matches this Certificate?

#### Ceiling penetrations\*

Does the 'number' and 'type' of ceiling penetrations (e.g. downlights, exhaust fans, etc) shown on the stamped plans or installed, match what is shown in this Certificate?

#### Windows

Does the installed window meet the substitution tolerances (SHGC and U-value) and window type, of the window shown on this Certificate?

#### Apartment entrance doors

Does the 'External Door Schedule' show apartment entrance doors? Please note that an "external door" between the modelled dwelling and a shared space, such as an enclosed corridor or foyer, should not be included in the assessment (because it overstates the possible ventilation) and would invalidate the Certificate.

#### Exposure\*

Has the appropriate exposure level (terrain) been applied? For example, it is unlikely that a ground-floor apartment is "exposed" or a top floor high-rise apartment is "protected".

#### Provisional\* values

Have provisional values been used in the assessment and, if so, noted in "additional notes" below?

#### Additional notes

### Window and glazed door type and performance

#### Default\* windows

Window ID	Window	Maximum	SHGC*	Substitution to	lerance ranges
WITIGOW ID	Description	U-value*	энвс	SHGC lower limit	SHGC upper limit
No Data Availal	ole				

#### Custom\* windows

Window ID	Window	Maximum	SHGC*	Substitution tolerance ranges		
WITIGOW ID	Description	U-value*	SIGC	SHGC lower limit	SHGC upper limit	
WID-012-11 A	WID-012-11 A Aluminium Awning Window SG 6mmCS	4.8	0.54	0.51	0.57	
WID-026-05 A	WID-026-05 A BSDI Sliding Door SG 6mmCS	4.5	0.57	0.54	0.60	
WID-006-13 A	WID-006-13 A Al Residential Sliding Window SG 6CS_CIr	4.9	0.62	0.59	0.65	
WID-001-04 A	WID-001-04 A AI Residential Awning Window SG 638mm Comfort Plus	5.0	0.40	0.38	0.42	

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Custom\* windows

Window ID	Window	Maximum	SHGC*	Substitution to	lerance ranges
WII IGOW ID	Description	U-value*	31160	SHGC lower limit	SHGC upper limit
WID-004-13 A	WID-004-13 A Al Residential Entry Frame / Door SG 6CS	4.7	0.50	0.48	0.53

# Window and glazed door schedule

Location	Window ID	Window no.	Height (mm)	Width (mm)	Window type	Opening %	Orientation	Window shading device*
Media	WID-012-11 A	n/a	1800	4210	n/a	90	NW	No
Kitchen/Living	WID-012-11 A	n/a	600	3610	n/a	00	SW	No
Kitchen/Living	WID-026-05 A	n/a	2700	3576	n/a	60	NW	No
Kitchen/Living	WID-026-05 A	n/a	2700	3576	n/a	60	NW	No
Kitchen/Living	WID-012-11 A	n/a	2050	1210	n/a	45	NE	No
Scullery	WID-006-13 A	n/a	600	1450	n/a	45	SW	No
Entry	WID-012-11 A	n/a	2400	400	n/a	00	SE	No
Entry	WID-012-11 A	n/a	600	1700	n/a	00	SE	No
Laundry	WID-026-05 A	n/a	2400	1810	n/a	45	NE	No
Bedroom 1	WID-026-05 A	n/a	2100	3216	n/a	90	SE	No
Bedroom 1	WID-026-05 A	n/a	2100	2410	n/a	45	NE	No
Bedroom 1	WID-001-04 A	n/a	761	3216	n/a	00	SE	No Shading
Ensuite	WID-006-13 A	n/a	600	1450	n/a	45	SW	No
FF Living	WID-012-11 A	n/a	1414	2650	n/a	90	NE	No
FF Living	WID-026-05 A	n/a	2100	3216	n/a	90	SE	No
FF Living	WID-001-04 A	n/a	761	3216	n/a	00	SE	No Shading
Study/Upper Hal	WID-006-13 A	n/a	1457	1450	n/a	90	NE	No
Bedroom 2	WID-012-11 A	n/a	1414	2650	n/a	30	NW	No
Bath	WID-012-11 A	n/a	1414	850	n/a	90	NW	No
Bedroom 3	WID-006-13 A	n/a	1457	2410	n/a	45	NW	No
Bedroom 4	WID-006-13 A	n/a	1457	2410	n/a	45	NW	No
Bedroom 5	WID-006-13 A	n/a	1200	2050	n/a	45	SW	No
GF Living	WID-004-13 A	n/a	3000	2650	n/a	90	SE	No
Bedroom 6	WID-006-13 A	n/a	1457	1450	n/a	45	SW	No

# Roof window type and performance

Default\* roof windows

Window ID	Window	Maximum	SHGC*	Substitution to	SHGC upper limit
WITIGOW ID	Description	U-value*	31100	SHGC lower limit	SHGC upper limit
No Data Availab	le				



Custom\* roof windows

Window ID	Window	Maximum	SHGC*	Substitution tolerance ranges	
WITHOUT ID	Description	U-value*	31190	SHGC lower limit	SHGC upper limit
VEL-011-01 W	Glass	2.6	0.24	0.23	0.25

### Roof window schedule

Location	Window ID	Window no.	Opening %	Height (mm)	Width (mm)	Orientation	Outdoor shade	Indoor shade
Kitchen/Living	VEL-011-01 W	n/a	0	900	700	SW	No	No
Kitchen/Living	VEL-011-01 W	n/a	0	900	700	SW	No	No
Ensuite	VEL-011-01 W	n/a	0	900	700	SW	No	No
Study/Upper Hal	VEL-011-01 W	n/a	0	700	700	NE	No	No
Study/Upper Hal	VEL-011-01 W	n/a	0	900	700	NW	No	No
GF Living	VEL-011-01 W	n/a	0	900	700	SW	No	No
GF Living	VEL-011-01 W	n/a	0	900	700	SW	No	No

# Skylight type and performance

Skylight ID

**Skylight description** 

No Data Available

# Skylight schedule

Location	Skylight ID	Skylight No.	Skylight shaft length (mm)	Area (m²) Orientati	on Outdoor shade	Diffuser	Skylight shaft reflectance
No Data Av	ailable						

### **External door** schedule

Location	Height (mm)	Width (mm)	Opening %	Orientation
Entry	2400	1200	90	SE
Garage 1	2340	820	90	NE
Garage 1	3000	4940	90	SE

# External wall type

Wall ID	Wall type	Solar absorptance	Wall shade (colour)	Bulk insulation (R-value)	Reflective wall wrap*
EW-1	Brick Veneer	0.50	Medium	Bulk Insulation R2.5	No
EW-2	Single Skin Brick	0.50	Medium	No insulation	No
EW-3	Fibro Cavity Panel Direct Fix	0.50	Medium	Anti-glare foil with bulk no gap R2.5	No
EW-4	Brick Veneer	0.50	Medium	Bulk Insulation R2.5	No



### External wall schedule

Location	Wall ID	Height (mm)	Width (mm)	Orientation	Horizontal shading feature* maximum projection (mm)	Vertical shading feature (yes/no)
Media	EW-1	3000	4100	NE	100	NO
Media	EW-1	3000	2200	SE	100	YES
Media	EW-1	3000	4995	NW	100	YES
Kitchen/Living	EW-1	3000	7495	SW	100	NO
Kitchen/Living	EW-1	3000	9200	NW	4200	NO
Kitchen/Living	EW-1	3000	3700	NE	100	YES
Scullery	EW-1	3000	1690	SW	100	NO
Entry	EW-1	3429	2290	SE	2600	YES
Laundry	EW-1	3429	3090	NE	500	YES
Garage 1	EW-1	3429	500	NW	7300	YES
Garage 1	EW-1	3429	6100	NE	100	NO
Garage 1	EW-2	3429	6100	SE	1100	NO
Garage 1	EW-1	3429	1500	SW	6500	YES
Bedroom 1	EW-3	2600	3900	SE	600	NO
Bedroom 1	EW-3	2600	7795	SW	600	YES
Bedroom 1	EW-3	2600	2900	NE	4400	YES
Ensuite	EW-3	2600	2600	SE	100	YES
Ensuite	EW-3	2600	1695	SW	600	NO
FF Living	EW-3	2600	4195	NE	600	NO
FF Living	EW-3	2600	3795	SE	3500	YES
Study/Upper Hal	EW-3	2600	2095	NE	600	YES
Bedroom 2	EW-3	2600	3295	NW	600	NO
Bedroom 2	EW-3	2600	4100	NE	600	NO
Bedroom 2	EW-3	2600	1695	SE	600	YES
Bath	EW-3	2600	495	NE	5600	YES
Bath	EW-3	2600	1695	NW	600	YES
Bedroom 3	EW-3	2600	3795	NW	600	NO
Bedroom 3	EW-3	2600	3195	NE	600	NO
Bedroom 4	EW-3	2600	3695	SW	600	NO
Bedroom 4	EW-3	2600	3195	NW	600	NO
Bedroom 5	EW-3	2600	3790	SW	600	NO
GF Living	EW-4	3429	1500	NE	9000	YES
GF Living	EW-4	3429	4100	SE	1100	NO
GF Living	EW-4	3429	4095	SW	100	NO
Bedroom 6	EW-4	3429	3690	SW	100	NO



## Internal wall type

Wall ID	Wall type	Area (m²)	Bulk insulation
IW-1 - Cavity wall, direct fix plasterboard, single gap		266.00	No insulation
IW-2 - Cavity wall, direct fix plasterboard, single gap		35.00	Bulk Insulation, No Air Gap R2.5

# Floor type

Location	Construction	Area Sub-floo (m²) ventilati	r Added insulation on (R-value)	Covering
Media	Waffle pod slab 300 mm 100mm	20.20 None	Waffle Pod 300mm	Ceramic Tiles 8mm
Kitchen/Living	Waffle pod slab 300 mm 100mm	75.70 None	Waffle Pod 300mm	Ceramic Tiles 8mm
Powder	Waffle pod slab 300 mm 100mm	2.60 None	Waffle Pod 300mm	Carpet 10mm
Scullery	Waffle pod slab 300 mm 100mm	4.90 None	Waffle Pod 300mm	Carpet 10mm
Entry	Waffle pod slab 300 mm 100mm	11.90 None	Waffle Pod 300mm	Ceramic Tiles 8mm
Mudroom	Waffle pod slab 300 mm 100mm	4.40 None	Waffle Pod 300mm	Ceramic Tiles 8mm
Laundry	Waffle pod slab 300 mm 100mm	8.30 None	Waffle Pod 300mm	Carpet 10mm
Garage 1	Waffle pod slab 300 mm 100mm	36.80 None	Waffle Pod 300mm	Bare
Bedroom 1/Entry	AAC Above Plasterboard 75mm	9.90	No Insulation	Carpet+Rubber Underlay 18mm
Bedroom 1/Mudroom	AAC Above Plasterboard 75mm	1.50	No Insulation	Carpet+Rubber Underlay 18mm
Bedroom 1/Garage 1	AAC Above Plasterboard 75mm	12.20	Bulk Insulation R5	Carpet+Rubber Underlay 18mm
Bedroom 1	Suspended AAC (75mm) 75mm	2.40 Totally Open	Bulk Insulation in Contact with Floor R5	Carpet+Rubber Underlay 18mm
Ensuite/Kitchen/Living	AAC Above Plasterboard 75mm	2.60	No Insulation	Ceramic Tiles 8mm
Ensuite/Powder	AAC Above Plasterboard 75mm	2.80	No Insulation	Ceramic Tiles 8mm
Ensuite/Scullery	AAC Above Plasterboard 75mm	1.50	No Insulation	Ceramic Tiles 8mm
FF Living/Mudroom	AAC Above Plasterboard 75mm	3.10	No Insulation	Carpet+Rubber Underlay 18mm
FF Living/Laundry	AAC Above Plasterboard 75mm	2.70	No Insulation	Carpet+Rubber Underlay 18mm
FF Living/Garage 1	AAC Above Plasterboard 75mm	13.50	Bulk Insulation R5	Carpet+Rubber Underlay 18mm
FF Living	Suspended AAC (75mm) 75mm	0.50 Totally Open	Bulk Insulation in Contact with Floor R5	Carpet+Rubber Underlay 18mm
Study/Upper Hal/Media	AAC Above Plasterboard 75mm	4.00	No Insulation	Carpet+Rubber Underlay 18mm
Study/Upper Hal/Kitchen/Living	AAC Above Plasterboard 75mm	14.80	No Insulation	Carpet+Rubber Underlay 18mm
Study/Upper Hal/Laundry	AAC Above Plasterboard 75mm	5.60	No Insulation	Carpet+Rubber Underlay 18mm
Study/Upper Hal	Suspended AAC (75mm) 75mm	1.00 Totally Open	Bulk Insulation in Contact with Floor R5	Carpet+Rubber Underlay 18mm
Bedroom 2/Media	AAC Above Plasterboard 75mm	12.30	No Insulation	Carpet+Rubber Underlay 18mm
Bath/Media	AAC Above Plasterboard 75mm	3.50	No Insulation	Ceramic Tiles 8mm



Location	Construction	Area Sub-floor (m) ventilation	Added insulation (R-value)	Covering
Bath/Kitchen/Living	AAC Above Plasterboard 75mm	3.70	No Insulation	Ceramic Tiles 8mm
WC/Kitchen/Living	AAC Above Plasterboard 75mm	1.50	No Insulation	Ceramic Tiles 8mm
Bedroom 3/Kitchen/Living	AAC Above Plasterboard 75mm	10.70	No Insulation	Carpet+Rubber Underlay 18mm
Bedroom 4/Kitchen/Living	AAC Above Plasterboard 75mm	13.20	No Insulation	Carpet+Rubber Underlay 18mm
Bedroom 5/Kitchen/Living	AAC Above Plasterboard 75mm	11.00	No Insulation	Carpet+Rubber Underlay 18mm
GF Living	Waffle pod slab 300 mm 100mm	16.50 None	Waffle Pod 300mm	Carpet 10mm
Bedroom 6	Waffle pod slab 300 mm 100mm	16.50 None	Waffle Pod 300mm	60/40 Carpet 10mm/Ceramic

# Ceiling type

Location	Construction material/type	Bulk insulation R-value (may include edge batt values)	Reflective wrap*
Media	AAC Above Plasterboard	No Insulation	No
Kitchen/Living	Plasterboard	Bulk Insulation R6	No
Kitchen/Living	AAC Above Plasterboard	No Insulation	No
Powder	AAC Above Plasterboard	No Insulation	No
Scullery	Plasterboard	Bulk Insulation R6	No
Scullery	AAC Above Plasterboard	No Insulation	No
Entry	Plasterboard	Bulk Insulation R6	No
Entry	AAC Above Plasterboard	No Insulation	No
Mudroom	AAC Above Plasterboard	No Insulation	No
Laundry	AAC Above Plasterboard	No Insulation	No
Garage 1	Plasterboard	No insulation	No
Garage 1	AAC Above Plasterboard	Bulk Insulation R5	No
Bedroom 1	Plasterboard	Bulk Insulation R6	No
Ensuite	Plasterboard	Bulk Insulation R6	No
FF Living	Plasterboard	Bulk Insulation R6	No
Study/Upper Hal	Plasterboard	Bulk Insulation R6	No
Bedroom 2	Plasterboard	Bulk Insulation R6	No
Bath	Plasterboard	Bulk Insulation R6	No
WC	Plasterboard	Bulk Insulation R6	No
Bedroom 3	Plasterboard	Bulk Insulation R6	No
Bedroom 4	Plasterboard	Bulk Insulation R6	No
Bedroom 5	Plasterboard	Bulk Insulation R6	No
GF Living	Plasterboard	Bulk Insulation R6	No
Bedroom 6	Plasterboard	Bulk Insulation R6	No



## **Ceiling** penetrations\*

Location	Quantity	Туре	Diameter (mm²)	Sealed/unsealed
Powder	1	Exhaust Fans	300	Sealed
WC	1	Exhaust Fans	300	Sealed

# **Ceiling** fans

Location	Quantity	Diameter (mm)
Media	1	1200
FF Living	1	1200

# Roof type

Construction	Added insulation (R-value)	Solar absorptance	Roof shade
Corrugated Iron	Bulk, Reflective Side Down, No Air Gap Above R1.3	0.50	Medium



### **Explanatory notes**

#### About this report

A NatHERS rating is a comprehensive, dynamic computer modelling evaluation of a home, using the floorplans, elevations and specifications to estimate an energy load. It addresses the building layout, orientation and fabric (i.e. walls, windows, floors, roofs and ceilings), but does not cover the water or energy use of appliances or energy production of solar panels.

Ratings are based on a unique climate zone where the home is located and are generated using standard assumptions, including occupancy patterns and thermostat settings. The actual energy consumption of a home may vary significantly from the predicted energy load, as the assumptions used in the rating will not match actual usage patterns. For example, the number of occupants and personal heating or cooling preferences will vary.

While the figures are an indicative guide to energy use, they can be used as a reliable guide for comparing different dwelling designs and to demonstrate that the design meets the energy efficiency requirements in the National Construction Code. Homes that are energy efficient use less energy, are warmer on cool days, cooler on hot days and cost less to run. The higher the star rating the more thermally efficient the dwelling is.

#### **Accredited assessors**

To ensure the NatHERS Certificate is of a high quality, always use an accredited or licenced assessor. NatHERS accredited assessors are members of a professional body called an Assessor Accrediting Organisation (AAO).

Australian Capital Territory (ACT) licensed assessors may only produce assessments for regulatory purposes using software for which they have a licence endorsement. Licence endorsements can be confirmed on the ACT licensing register

AAOs have specific quality assurance processes in place, and continuing professional development requirements, to maintain a high and consistent standard of assessments across the country. Non-accredited assessors do not have this level of quality assurance or any ongoing training requirements.

Any questions or concerns about this report should be directed to the assessor in the first instance. If the assessor is unable to address these questions or concerns, the AAO specified on the front of this certificate should be contacted.

#### **Disclaimer**

The format of the Nathers Certificate was developed by the Nathers Administrator. However the content of each individual certificate is entered and created by the assessor to create a Nathers Certificate. It is the responsibility of the assessor who prepared this certificate to use Nathers accredited software correctly and follow the Nathers Technical Notes to produce a Nathers Certificate.

The predicted annual energy load in this NathERS Certificate is an estimate based on an assessment of the building by the assessor. It is not a prediction of actual energy use, but may be used to compare how other buildings are likely to perform when used in a similar way.

Information presented in this report relies on a range of standard assumptions (both embedded in NatHES accredited software and made by the assessor who prepared this report), including assumptions about occupancy, indoor air temperature and local climate

Not all assumptions that may have been made by the assessor while using the Nath—ERS accredited software tool are presented in this report and further details or data files may be available from the assessor.

### **Glossary**

Annual energy load	the predicted amount of energy required for heating and cooling, based on standard occupancy assumptions.
Assessed floor area	the floor area modelled in the software for the purpose of the NatHERS assessment. Note, this may not be consistent with the floor area in the design documents.
Ceiling penetrations	features that require a penetration to the ceiling, including downlights, vents, exhaust fans, rangehoods, chirmeys and flues. Excludes
Ceiling penetrations	fixtures attached to the ceiling with small holes through the ceiling for wiring, e.g. ceiling fans; pendant lights, and heating and cooling ducts.
Conditioned	a zone within a dwelling that is expected to require heating and cooling based on standard occupancy assumptions. In some circumstances it
Conditioned	will include garages.
Custom windows	windows listed in NatHERS software that are available on the market in Australia and have a WERS (Window Energy Rating Scheme) rating.
Default windows	windows that are representative of a specific type of window product and whose properties have been derived by statistical methods.
Entrance door	these signify ventilation benefits in the modelling software and must not be modelled as a door when opening to a minimally ventilated corridor
	in a Class 2 building.
Exposure category – exposed	terrain with no obstructions e.g. flat grazing land, ocean-frontage, desert, exposed high-rise unit (usually above 10 floors).
Exposure category – open	terrain with few obstructions at a similar height e.g. grasslands with few well scattered obstructions below 10m, farmland with scattered
Exposure category – open	sheds, lightly vegetated bush blocks, elevated units (e.g. above 3 floors).
Exposure category – suburban	terrain with numerous, closely spaced obstructions below 10me.g. suburban housing, heavily vegetated bushland areas.
Exposure category – protected	terrain with numerous, closely spaced obstructions over 10 me.g. city and industrial areas.
Horizontal shading feature	provides shading to the building in the horizontal plane, e.g. eaves, verandahs, pergolas, carports, or overhangs or balconies from upper levels.
National Construction Code	the NCC groups buildings by their function and use, and assigns a classification code. NatHEPS software models NCC Class 1, 2 or 4
(NOC) Class	buildings and attached Class 10a buildings. Definitions can be found at www.abcb.gov.au.
Opening percentage	the openability percentage or operable (moveable) area of doors or windows that is used in ventilation calculations.
	an assumed value that does not represent an actual value. For example, if the wall colour is unspecified in the documentation, a provisional
Provisional value	value of 'medium' must be modelled. Acceptable provisional values are outlined in the NatHERS Technical Note and can be found at
	www.nathers.gov.au
Reflective wrap (also known as foil)	can be applied to walls, roofs and ceilings. When combined with an appropriate airgap and emissivity value, it provides insulative properties.
Roof window	for NatHEPS this is typically an operable window (i.e. can be opened), will have a plaster or similar light well if there is an attic space, and
NOOI WIIIGOW	generally does not have a diffuser.
Shading device	a device fixed to windows that provides shading e.g. window awnings or screens but excludes eaves.
Shading features	includes neighbouring buildings, fences, and wing walls, but excludes eaves.
Solar host gain coefficient (SHCC)	the fraction of incident solar radiation admitted through a window, both directly transmitted as well as absorbed and subsequently released
Solar heat gain coefficient (SHGC)	inward. SHGC is expressed as a number between 0 and 1. The lower a window's SHGC, the less solar heat it transmits.
Skylight (also known as roof lights)	for Nathers this is typically a moulded unit with flexible reflective tubing (light well) and a diffuser at ceiling level.
U-value	the rate of heat transfer through a window. The lower the U-value, the better the insulating ability.
Unconditioned	a zone within a dwelling that is assumed to not require heating and cooling based on standard occupancy assumptions.
Vertical chading features	provides shading to the building in the vertical plane and can be parallel or perpendicular to the subject wall/window. Includes privacy
Vertical shading features	screens, other walls in the building (wing walls), fences, other buildings, vegetation (protected or listed heritage trees).