

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

## Single Dwelling

Certificate number: 1273080S 03

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 Definitions" dated 10/09/2020 published by the Department. This document is available at www.basix.nsw.gov.au

Secretary

**BASIX** 

Date of issue: Monday, 30 May 2022

To be valid, this certificate must be lodged within 3 months of the date of issue.



Project summary					
Project name	155 Suzanne Road Tallawang_0	155 Suzanne Road Tallawang_03			
Street address	155 Suzanne Road Tallawang 2	852			
Local Government Area	Mid-Western Regional Council				
Plan type and plan number	deposited 253275				
Lot no.	14				
Section no.	n/a	n/a			
Project type	separate dwelling house	separate dwelling house			
No. of bedrooms	4				
Project score					
Water	<b>✓</b> 40 Tar	get 30			
Thermal Comfort	✓ Pass Tar	get Pass			
Energy	<b>✓</b> 95 Tar	get 45			

Certificate Prepared by	
Name / Company Name: Certified Energy 1	

ABN (if applicable): 95164564210

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# **Description of project**

BASIX

Project address	
Project name	155 Suzanne Road Tallawang_03
Street address	155 Suzanne Road Tallawang 2852
Local Government Area	Mid-Western Regional Council
Plan type and plan number	Deposited Plan 253275
Lot no.	14
Section no.	n/a
Project type	
Project type	separate dwelling house
No. of bedrooms	4
Site details	
Site area (m²)	260000
Roof area (m²)	181
Conditioned floor area (m2)	165.2
Unconditioned floor area (m2)	6.2
Total area of garden and lawn (m2)	300

Assessor details and thermal loads					
Assessor number	10056				
Certificate number	0006977938-03				
Climate zone	48				
Area adjusted cooling load (MJ/m².year)	50				
Area adjusted heating load (MJ/m².year)	87				
Ceiling fan in at least one bedroom	Yes				
Ceiling fan in at least one living room or other conditioned area	Yes				
Project score					
Water	✓ 40 Target 30				
Thermal Comfort	✓ Pass Target Pass				
Energy	✓ 95 Target 45				

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## **Schedule of BASIX commitments**

The commitments set out below regulate how the proposed development is to be carried out. It is a condition of any development consent granted, or complying development certificate issued, for the proposed development, that BASIX commitments be complied with.

Water Commitments	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
Fixtures	<u>'</u>		
The applicant must install showerheads with a minimum rating of 4 star (> 6 but <= 7.5 L/min plus spray force and/or coverage tests) in all showers in the development.		~	~
The applicant must install a toilet flushing system with a minimum rating of 3 star in each toilet in the development.		~	~
The applicant must install taps with a minimum rating of 3 star in the kitchen in the development.		~	
The applicant must install basin taps with a minimum rating of 3 star in each bathroom in the development.		~	
Alternative water			
Rainwater tank			
The applicant must install a rainwater tank of at least 100000 litres on the site. This rainwater tank must meet, and be installed in accordance with, the requirements of all applicable regulatory authorities.	•	~	~
The applicant must configure the rainwater tank to collect rain runoff from at least 100 square metres of the roof area of the development (excluding the area of the roof which drains to any stormwater tank or private dam).		~	~
The applicant must connect the rainwater tank to:			
all toilets in the development		<b>✓</b>	•
the cold water tap that supplies each clothes washer in the development		•	•
<ul> <li>at least one outdoor tap in the development (Note: NSW Health does not recommend that rainwater be used for human consumption in areas with potable water supply.)</li> </ul>		•	•
all hot water systems in the development		<b>-</b>	
all indoor cold water taps (not including taps that supply clothes washers) in the development		V	•

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Thermal Comfort Commitments	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
Simulation Method			
The applicant must attach the certificate referred to under "Assessor Details" on the front page of this BASIX certificate (the "Assessor Certificate") to the development application and construction certificate application for the proposed development (or, if the applicant is applying for a complying development certificate for the proposed development, to that application). The applicant must also attach the Assessor Certificate to the application for an occupation certificate for the proposed development.			
The Assessor Certificate must have been issued by an Accredited Assessor in accordance with the Thermal Comfort Protocol.			
The details of the proposed development on the Assessor Certificate must be consistent with the details shown in this BASIX certificate, including the Cooling and Heating loads shown on the front page of this certificate.			
The applicant must show on the plans accompanying the development application for the proposed development, all matters which the Assessor Certificate requires to be shown on those plans. Those plans must bear a stamp of endorsement from the Accredited Assessor to certify that this is the case. The applicant must show on the plans accompanying the application for a construction certificate (or complying development certificate, if applicable), all thermal performance specifications set out in the Assessor Certificate, and all aspects of the proposed development which were used to calculate those specifications.	~	~	~
The applicant must construct the development in accordance with all thermal performance specifications set out in the Assessor Certificate, and in accordance with those aspects of the development application or application for a complying development certificate which were used to calculate those specifications.		~	~
The applicant must show on the plans accompanying the development application for the proposed development, the locations of ceiling fans set out in the Assessor Certificate. The applicant must show on the plans accompanying the application for a construction certificate (or complying development certificate, if applicable), the locations of ceiling fans set out in the Assessor Certificate.	~	~	~
The applicant must construct the floors and walls of the dwelling in accordance with the specifications listed in the table below.	~	~	~

Floor and wall construction	Area
floor - suspended floor/open subfloor	All or part of floor area square metres

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Energy Commitments	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
Hot water	<u>'</u>		
The applicant must install the following hot water system in the development, or a system with a higher energy rating: solar (electric boosted).	~	<b>✓</b>	~
Cooling system			
The applicant must install the following cooling system, or a system with a higher energy rating, in at least 1 living area: 1-phase airconditioning; Energy rating: EER 3.0 - 3.5		<b>✓</b>	~
The applicant must install the following cooling system, or a system with a higher energy rating, in at least 1 bedroom: 1-phase airconditioning; Energy rating: EER 3.0 - 3.5		<b>✓</b>	•
Heating system			
The applicant must install the following heating system, or a system with a higher energy rating, in at least 1 living area: wood heater; Energy rating: n/a		<b>✓</b>	~
The bedrooms must not incorporate any heating system, or any ducting which is designed to accommodate a heating system.		<b>✓</b>	~
The wood heater must have a compliance plate confirming that it complies with the relevant Australian standards, and must be installed in accordance with the requirements of all applicable regulatory authorities.			•
Ventilation			
The applicant must install the following exhaust systems in the development:			
At least 1 Bathroom: individual fan, not ducted; Operation control: manual switch on/off		<b>✓</b>	•
Kitchen: individual fan, not ducted; Operation control: manual switch on/off		_	<b>-</b>
Laundry: individual fan, not ducted; Operation control: manual switch on/off		•	-
Artificial lighting	·		
The applicant must ensure that the "primary type of artificial lighting" is fluorescent or light emitting diode (LED) lighting in each of the following rooms, and where the word "dedicated" appears, the fittings for those lights must only be capable of accepting fluorescent or light emitting diode (LED) lamps:			
at least 4 of the bedrooms / study; dedicated		<b>✓</b>	-
at least 4 of the living / dining rooms; dedicated			

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Energy Commitments	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
the kitchen; dedicated		<b>~</b>	
all bathrooms/toilets; dedicated		•	-
the laundry; dedicated		•	-
all hallways; dedicated		<b>✓</b>	-
Natural lighting			
The applicant must install a window and/or skylight in 3 bathroom(s)/toilet(s) in the development for natural lighting.	~	~	~
Alternative energy			
The applicant must install a photovoltaic system with the capacity to generate at least 10 peak kilowatts of electricity as part of the development. The applicant must connect this system to the development's electrical system.	~	~	~
Other			
The applicant must install a gas cooktop & electric oven in the kitchen of the dwelling.		<b>~</b>	
The applicant must construct each refrigerator space in the development so that it is "well ventilated", as defined in the BASIX definitions.		•	
The applicant must install a fixed outdoor clothes drying line as part of the development.			

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## 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 \_\_\_ in the "Show on CC/CDC plans and 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(either interim or final) for the development may be issued.

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# Nationwide House Energy Rating Scheme NatHERS Certificate No. 0006977938-03

Generated on 30 May 2022 using BERS Pro v4.4.1.5 (3.21)

## **Property**

Address 155 Suzanne Road , Tallawang , NSW ,

2852

**Lot/DP** 14/253275

NCC Class\* 1A

Type New Dwelling

**Plans** 

Main Plan Rev C - Issued on - 05.10.2022

Prepared by Imagine Kit Homes

## Construction and environment

Assessed floor area (m <sup>2</sup> )*		Exposure Type
Conditioned*	165.0	Open
Unconditioned*	6.0	NatHERS climate zone
Total	171.0	48
Garage	0.0	



Name Jamie Bonnefin

Business name Certified Energy

**Email** jobs@certifiedenergy.com.au

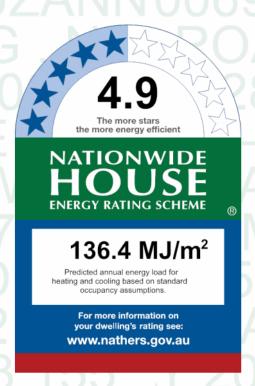
Phone 1300 443 674

Accreditation No. 10056

**Assessor Accrediting Organisation** 

HERA

Declaration of interest None



## Thermal performance

Heating Cooling 86.5 49.9 MJ/m<sup>2</sup> MJ/m<sup>2</sup>

## 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=qrojMtecD.

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.



## **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? Substituted values must be based on the Australian Fenestration Rating Council (AFRC) protocol.

### 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

\*The dwelling has been assessed without recessed light fittings as no lighting or electrical plan has been

provided.

\*Obscure glazing has been modelled as clear glass as it has similar thermal properties.

I have not modeled the shading, no shading is applicable

## Window and glazed door type and performance

### Default\* windows

Window ID	Window Description	Maximum U-value*	SHGC*	Substitution tolerance ranges	
				SHGC lower limit	SHGC upper limit
ALM-004-04 A	ALM-004-04 A Aluminium B DG Air Fill Low Solar Gain low-E -Clear	4.9	0.33	0.31	0.35

## Custom\* windows

Window ID	Window	Maximum <sub>SU</sub>	SHGC*	Substitution tolerance ranges		
	Description	U-value*	энчс	SHGC lower limit	SHGC upper limit	
No Data Availab	le					

\* Refer to glossary.

Generated on 30 May 2022 using BERS Pro v4.4.1.5 (3.21) for 155 Suzanne Road, Tallawang, NSW, 2852



## Window and glazed door schedule

Location	Window ID	Window no.	Height (mm)	Width (mm)	Window type	Opening %	Orientation	Window shading device*
Kitchen/Living	ALM-004-04 A	n/a	1500	525	n/a	00	NE	No
Kitchen/Living	ALM-004-04 A	n/a	1500	750	n/a	00	E	No
Kitchen/Living	ALM-004-04 A	n/a	1500	525	n/a	00	SE	No
Kitchen/Living	ALM-004-04 A	n/a	1800	1500	n/a	35	E	No
Kitchen/Living	ALM-004-04 A	n/a	1500	525	n/a	00	NE	No
Kitchen/Living	ALM-004-04 A	n/a	1500	750	n/a	00	E	No
Kitchen/Living	ALM-004-04 A	n/a	1500	525	n/a	00	SE	No
Kitchen/Living	ALM-004-04 A	n/a	2100	4800	n/a	45	S	No
Kitchen/Living	ALM-004-04 A	n/a	1800	2100	n/a	35	W	No
Media	ALM-004-04 A	n/a	600	1800	n/a	45	W	No
Bedroom 4	ALM-004-04 A	n/a	1800	2100	n/a	35	S	No
Bedroom 2	ALM-004-04 A	n/a	900	1800	n/a	45	N	No
Bedroom 3	ALM-004-04 A	n/a	900	1800	n/a	45	N	No
Bath	ALM-004-04 A	n/a	1200	1200	n/a	45	N	No
Retreat	ALM-004-04 A	n/a	1200	2400	n/a	45	E	No
Retreat	ALM-004-04 A	n/a	1200	2400	n/a	45	N	No
Bedroom 1	ALM-004-04 A	n/a	2100	3200	n/a	65	S	No
ENS	ALM-004-04 A	n/a	2100	900	n/a	30	E	No
ENS	ALM-004-04 A	n/a	2100	1800	n/a	35	S	No
WC	ALM-004-04 A	n/a	600	600	n/a	45	Е	No
Stairs-FF	ALM-004-04 A	n/a	1800	300	n/a	00	N	No
Stairs-FF	ALM-004-04 A	n/a	1800	300	n/a	00	N	No

## Roof window type and performance

Default\* roof windows

 Window ID
 Window Description
 Maximum U-value\*
 SHGC\*
 Substitution tolerance ranges

 No Data Available
 SHGC lower limit
 SHGC upper limit

Custom\* roof windows

Window ID Window Description Maximum U-value\* SHGC\* Substitution tolerance ranges

SHGC\* SHGC lower limit SHGC upper limit

## Roof window schedule

Opening Window Window Height Width Outdoor Indoor Location Orientation % shade shade ID no. (mm) (mm) No Data Available



## Skylight type and performance

Skylight ID	Skylight description	
GEN-04-008a	Double-glazed clear, Timber and Aluminium Frame	

## Skylight schedule

Location	Skylight ID	Skylight No.	Skylight shaft length (mm)	Area (m²)	Orientation	Outdoor shade	Diffuser	Skylight shaft reflectance
Bedroom 1	GEN-04-008a	n/a	50	1.40	W	None	No	0.50
Bedroom 1	GEN-04-008a	n/a	50	1.40	W	None	No	0.50

## **External door** schedule

Location	Height (mm)	Width (mm)	Opening %	Orientation
Kitchen/Living	2100	820	90	W
Laundry	2100	820	90	N

## External wall type

Wall ID	Wall type	Solar absorptance	Wall shade (colour)	Bulk insulation (R-value)	Reflective wall wrap*
EW-1	Fibro Cavity Panel Direct Fix	0.85	Dark	Anti-glare foil with bulk no gap R2.7	No
EW-2	Weatherboard Cavity Panel Direct Fix	0.85	Dark	Anti-glare foil with bulk no gap R2.7	No
EW-3	Fibro Cavity Panel Direct Fix	0.50	Medium	Bulk Insulation R5	No
EW-4	Fibro Cavity Panel Direct Fix	0.85	Dark	Bulk Insulation R5	No

## External wall schedule

Location	Wall ID	Height (mm)	Width (mm)	Orientation	Horizontal shading feature* maximum projection (mm)	Vertical shading feature (yes/no)
Kitchen/Living	EW-1	2440	3195	N	100	NO
Kitchen/Living	EW-1	2440	600	E	0	YES
Kitchen/Living	EW-1	2440	721	NE	0	YES
Kitchen/Living	EW-1	2440	900	E	0	NO
Kitchen/Living	EW-1	2440	781	SE	0	YES
Kitchen/Living	EW-1	2440	2900	E	0	YES
Kitchen/Living	EW-1	2440	781	NE	0	YES
Kitchen/Living	EW-1	2440	800	E	0	NO
Kitchen/Living	EW-1	2440	781	SE	0	YES
Kitchen/Living	EW-1	2440	595	E	0	YES
Kitchen/Living	EW-2	2440	6000	S	3800	YES
Kitchen/Living	EW-2	2440	4095	W	2200	YES



Location	Wall ID	Height (mm)	Width (mm)	Orientation	Horizontal shading feature* maximum projection (mm)	Vertical shading feature (yes/no)
Media	EW-1	2440	3995	S	500	NO
Media	EW-1	2440	3695	W	8200	YES
Bedroom 4	EW-1	2440	3695	E	0	NO
Bedroom 4	EW-1	2440	2995	S	500	NO
Bedroom 2	EW-1	2440	3090	N	100	NO
Bedroom 3	EW-1	2440	2995	N	100	NO
Bedroom 3	EW-1	2440	2200	S	7900	YES
Bedroom 3	EW-1	2440	3600	W	0	NO
Laundry	EW-1	2440	1690	N	100	NO
Bath	EW-1	2440	1590	N	100	NO
Sairs-GF	EW-1	2440	2590	N	100	NO
Retreat	EW-1	3300	3595	E	100	NO
Retreat	EW-1	3300	3295	N	0	NO
Bedroom 1	EW-2	3300	3795	S	3900	NO
Bedroom 1	EW-1	1140	4395	W	0	NO
Bedroom 1	EW-4	2160	4395	W	100	NO
WIR	EW-1	1890	1590	W	0	NO
WIR	EW-4	1410	1590	W	100	NO
ENS	EW-1	3300	3295	E	100	NO
ENS	EW-2	3300	1995	S	3900	NO
WC	EW-1	3300	1090	E	100	NO
Stairs-FF	EW-1	2700	1995	W	0	NO
Stairs-FF	EW-4	600	1995	W	100	NO
Stairs-FF	EW-1	3300	2495	N	0	NO

## Internal wall type

Wall ID	Wall type	Area (m²)	Bulk insulation
IW-1 - Cavity wall, direct fix plasterboard, single gap		166.00	No insulation

## Floor type

Location	Construction	Area Sub-floor (m²) ventilation	Added insulation n (R-value)	Covering
Kitchen/Living	Suspended Timber Floor 19mr		Bulk Insulation in Contact with Floor R4.5	
Media	Suspended Timber Floor 19mr	-	Bulk Insulation in Contact with Floor R4.5	
Bedroom 4	Suspended Timber Floor 19mr		Bulk Insulation in Contact with Floor R4.5	
Bedroom 2	Suspended Timber Floor 19mr	m 10.70 Very Open	Bulk Insulation in Contact with Floor R4.5	Carpet 10mm



Location	Construction		Sub-floor ventilation	Added insulation (R-value)	Covering
Bedroom 3	Suspended Timber Floor 19mm	10.60	Very Open	Bulk Insulation in Contact with Floor R4.5	
Corridor	Suspended Timber Floor 19mm	4.70	Very Open	Bulk Insulation in Contact with Floor R4.5	
Laundry	Suspended Timber Floor 19mm	2.50	Very Open	Bulk Insulation in Contact with Floor R4.5	
Bath	Suspended Timber Floor 19mm	3.70	Very Open	Bulk Insulation in Contact with Floor R4.5	
WIP	Suspended Timber Floor 19mm	2.70	Very Open	Bulk Insulation in Contact with Floor R4.5	Ceramic Tiles 8mm
Sairs-GF	Suspended Timber Floor 19mm	4.90	Very Open	Bulk Insulation in Contact with Floor R4.5	Cork Tiles or Parquetry 8mm
Retreat/Kitchen/Living	Timber Above Plasterboard 300mm	11.40		No Insulation	Ceramic Tiles 8mm
Bedroom 1/Kitchen/Living	Timber Above Plasterboard 300mm	15.70		No Insulation	Carpet 10mm
WIR/Kitchen/Living	Timber Above Plasterboard 300mm	0.90		No Insulation	Carpet 10mm
WIR/WIP	Timber Above Plasterboard 300mm	2.80		No Insulation	Carpet 10mm
ENS/Kitchen/Living	Timber Above Plasterboard 300mm	5.80		No Insulation	Ceramic Tiles 8mm
ENS/Bedroom 4	Timber Above Plasterboard 300mm	0.60		No Insulation	Ceramic Tiles 8mm
WC/Kitchen/Living	Timber Above Plasterboard 300mm	2.00		No Insulation	Ceramic Tiles 8mm
Stairs-FF/Sairs-GF	Timber Above Plasterboard 300mm	4.80		No Insulation	Cork Tiles or Parquetry 8mm

## Ceiling type

Location	Construction material/type	Bulk insulation R-value (may include edge batt values)	Reflective wrap*
Kitchen/Living	Plasterboard	Bulk Insulation R5	No
Kitchen/Living	Timber Above Plasterboard	No Insulation	No
Media	Plasterboard	Bulk Insulation R5	No
Bedroom 4	Plasterboard	Bulk Insulation R5	No
Bedroom 4	Timber Above Plasterboard	No Insulation	No
Bedroom 2	Plasterboard	Bulk Insulation R5	No
Bedroom 3	Plasterboard	Bulk Insulation R5	No
Corridor	Plasterboard	Bulk Insulation R5	No
Laundry	Plasterboard	Bulk Insulation R5	No
Bath	Plasterboard	Bulk Insulation R5	No
WIP	Timber Above Plasterboard	No Insulation	No
Sairs-GF	Timber Above Plasterboard	No Insulation	No
Retreat	Plasterboard	Bulk Insulation R5	No
Bedroom 1	Plasterboard	Bulk Insulation R5	No
WIR	Plasterboard	Bulk Insulation R5	No
ENS	Plasterboard	Bulk Insulation R5	No
WC	Plasterboard	Bulk Insulation R5	No



Location	Construction material/type	Bulk insulation R-value (may include edge batt values)	Reflective wrap*
Stairs-FF	Plasterboard	Bulk Insulation R5	No

## Ceiling penetrations\*

Location Quantity Type Diameter (mm²) Sealed/unsealed

No Data Available

## **Ceiling** fans

Location	Quantity	Diameter (mm)
Kitchen/Living	1	900
Bedroom 4	1	900
Bedroom 2	1	900
Bedroom 3	1	900
Bedroom 1	1	900

## Roof type

Construction	Added insulation (R-value)	Solar absorptance	Roof shade
Corrugated Iron	Bulk, Reflective Side Down, No Air Gap Above R1.8	0.85	Dark



## **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—RS 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, chimneys and flues. Excludes
Cenning perietrations	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).
	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. NatHERS 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 Nathers 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 heat gain coefficient (SHGC)	the fraction of incident solar radiation admitted through a window, both directly transmitted as well as absorbed and subsequently released
Solar fleat gain coefficient (Shoc)	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 shading features	provides shading to the building in the vertical plane and can be parallel or perpendicular to the subject wall/window. Includes privacy screens, other walls in the building (wing walls), fences, other buildings, vegetation (protected or listed heritage trees).
	Colora, Caro, Walle in the Sellining (Willig Walley), Fortices, Other Sellinings, Vogetation (protected or linear hallenge trees).

## **LOT 14, 155 SUZANNE RD TALLAWANG, NSW 2852**

NCC 2019-SPECIFICATIONS FOR RESIDENTIAL (CLASS 1 AND 10) BUILDINGS
NOTE: THE BUILDING WILL BE CONSTRUCTED IN ACCORDANCE WITH THE RELEVANT STANDARDS REFERRED TO BELOW, NOT ALL STANDARDS REFERENCED BELOW WILL BE APPLICABLE.

NINAUE.
All drainage works will be carried out in accordance with ASINZS 3500.5 – Domestic Installations – Stormwater Drainage or in accordance with Parts 3.1.2.3 to 3.1.2.5 of the BCA.

- MITE RSK MANAGEMENT
  Termits buries will be studied to minimise the risk of semile attack to primary building elements in accordance with AS
  3600.1 Termits Management New Building Work.
  Termits buries will be studied to minimise and of semile attack to primary building elements
  Termits buries will be installed to minimise and for semile attack to primary building elements or suspended floors in accordance with Part 3.13.4 of the SCA.
  Attachments buildings will be installed to minimise the risk of termite attack to primary building elements in accordance
  Will Part 3.13.5 of the SCA.

3.2 FOOTINGS AND SLABS

Footings and slabs will be designed and installed in accordance with AS 2870 - Residential Slabs and Footings Construction, except that for the purposes of Clause 5.3.3.1 of AS 2870 a damp-proofing membrane is required to be

provided; or,
Footings and slabs will be designed by a practising structural engineer in accordance with AS 2870 – Residential Slabs

Unteriforced masonry, reinforced masonry, masonry accessories and weatherproofing of masonry will be designed and installed in accordance with AS 3700 – Masonry Structures, or, AS 4773 – Masonry for Small Buildings, Parts 1 and 2. Earthwall construction will be designed and installed in accordance with CSIRO – NBTC Bulletin 5, Earthwall Construction 4th Edition 1987.

- EEL FRAMING
  Self-faming will be designed and constructed by a practising structural engineer in accordance with one of the following namulas:

   A5 4 (10) Steel structures:

   A5 4 (10) Steel structures:

   A5 4 (10) Steel structures:

   A5 MCS 4 (40) Closel structures:

   A5 MCS 4 (40) Closel formed steel structures:

   Residential and to-make steel famings, MSS 4 (10)
  Steel faming will be designed and constructed in accordance with Parts 3.4.2 in 0.3.4.2 in Quantum Construction Paractice) of the ECV.

- 3.4.3 TIMBLES FRAMING

  The Construction I will be designed and constructed in accordance with A5 1884.2 Residential Timbler Framed Construction Non-Cyolonic Areas or

  Timber framing will be designed and constructed in accordance with details provided by a practising structural engineer

  Predistrictude will frames and nod trusses will be designed and constructed in accordance with structural engineer's details support by the manufactural.

- UCTURAL STEEL MEMBERS

  Structural side members will be designed and constructed in accordance with the details provided by a practising structural engineer, or,

  Structural side financing will be designed and constructed in accordance with Parts 3.4.4.1 to 3.4.4.4 (Acceptable Construction Practice) of the BCA.

- FCLADOMG

  ROT lies will be installed in accordance with AS 2049 Roof Tiles & AS 2059 Installation of Roof Tiles.

  Most sheet roofing will be installed in accordance with AS 2049 Roof Tiles & AS 2059 Installation of sheet roof and wall cideding—Madi.

  Comungated flow-einforced cement roofing will be installed in accordance with AS NZS 1562 Design and installation of Sheet Roof and Wall Cauding—

  Office Hot Roof and Wall Cauding—

  Office Hot Roof and Wall Cauding—

  A priciale membranes underlay will be installed in accordance with AS NZS 4200 Installation of pitable membranes underlay will be installed in accordance with AS NZS 4200 Installation of pitable membranes.

Gutters and downpipes will be designed and installed in accordance with Parts 3.5.2.1 to 3.5.2.5 (Acceptable Construction Practice) of the BCA.

- ALL CLADONO

  Matter will addrig will be designed and constructed in accordance with AS 1562.1 Design and Installation of Sheet Roof & Wall Cloding—Metal.

  Wall Cloding—Metal.

  There westhereboard saidring will be installed in accordance with Part 3.5.3 (Acceptable Construction Practice) of the ECA.

  Openings in cladding will be fished in accordance with Part 3.5.3 in accordance with Part 3.5.3 (Acceptable Construction Practice) of the Construction of the content and produced free of the SCA. Openings in cladding will be installed in accordance with Part 3.5.3 (Acceptable Construction Practice) of the ECA.

  Exercise and Construction of the Construction of t

- 3.6 GLAZNO AND WINDOWS

  3.0 Glazing and vertokes will be designed and constructed in accordance with AS 2047 for the following special assembles in an external wait.

  5. Siding and windows and the second of the second second and the second second

  - It Adjustable lourses.
    It Numbow with with one piace framing. The following glazed assemblies will be designed and constructed in accordance with AS 1284—Class in buildings.—Selection and Installation:

    Adjustable lourses.
    It is a selected and installation:
    It is a selected and installation and It is a selected plane.
    It is a selected and installation and

## Heritage windows b) Glazing will be designed and constructed in accordance with AS 1288 for all glazed assemblies not covered by (a) and the following glazed assembles not an external wall. i. All glazed assembles not in an external wall. ii. Reinorlying doors. iii. Reinorlying doors.

- ii. Reviolving doors. iii. Fixed louvres. iv. Skylights, roof lights and windows in other than the vertical plane.
- v. Sliding and swinging doors without a frame.
  vi. Windows constructed on site and architectural one-off windows, which are not design
- tested in accordance with AS 2047.
  vii. Second-hand windows, re-used windows and recycled windows.
- viii. Heritage windows.
  ix. Glazing used in balustrades and sloping overhead glazing.

### 3.7.2 FIRE SEPARATION

on will be designed and constructed in accordance with parts 3.7.1.1 to 3.7.1.10 (Acceptable Construction Practice) of the RCA

### 3.7.5 SMOKE ALARMS

240 volt smoke alarms will be designed and constructed and interconnected in accordance with Parts 3.7.2.1 to 3.7.2.5 (Acceptable Construction Practice) of the BCA.

SHREE PROTECTION.
The buildings will be constructed in accordance with the following:

- AS 31959, except for Section of Construction for Brustine Attack Level FZ (BAL-FZ); or

- ASS 4806, except for Section of Construction in Bustine Reads, except for buildings subject to Bushfre Attack Level FZ (BAL-FZ).

rz), or the requirements of (c) or (d) above as modified by the development consent following consultation with the NSW Rural Fire Service under section 79BA of the Environmental Planning and Assessment Act 1979; or the requirements of (c) or (d) above as modified by development consent with a bushfire safety authority issued under section

100B of the Rural Fires Act 1997 for the purposes of integrated development. 3.8.1 WET AREAS & EXTERNAL WATERPROOFING

Wet areas will be constructed to be waterproof or water resistant in accordance with AS3740 – Waterproofing of domestic wet

Waterproofing for external above ground membranes will comply with AS4654 Parts 1 & 2.

### 3.8.2 POOM HEIGHTS

Ceiling heights will be constructed in accordance with Part 3.8.2 (Acceptable Construction Practice) of the BCA.

3.8.3 SANITARY COMPARTMENTS nents will be constructed in accordance with part 3.8.3 (Acceptable Construction Practice) of the BCA

3.8.4 LIGHT
Lightfing will be provided in accordance with Part 3.8.4 (Acceptable Construction Practice) of the BCA.

Sound insulation will be provided in accordance with part 3.8.6 (Acceptable Construction Practice) of the BCA

STAIR CONSTRUCTION
Stairs will be constructed in accordance with Part 3.9.1.1 to 3.9.1.5 (Acceptable Construction Practice) of the BCA.
Stair treads will have a slip resistance classification in accordance with Table 3.9.1.1 of the BCA.

Barriers and handralls will be constructed in accordance with Part 3.9.2.1 to 3.9.2.4 (Acceptable Construction Practice) of the BCA.

Openable windows will be constructed and protected in accordance with Part 3.9.2.5 (Acceptable Construction Practice) of the BCA.

Where relevant the entire building will be designed and constructed in accordance with Part 3.10.2 (Earthquake Zones) of the BCA

- or the BLA.

  Where relevant the entire building will be designed and constructed in accordance with Part 3.10.3 (Flood Hazard Areas)
- Where relevant the entire building will be designed and constructed in accordance with Part 3.10.5 (Bushfire Prone

### 3.10.1 SWIMMING POOLS

WMMMN POOLS

Child prorb barriers around the swimming pool will comply with the Swimming Pools Act 1992 and regulations and AS
1926.1 - Swimming Pool Safety, Part 1: Safety Barriers for Swimming Pools and 8, 1926.2 - Swimming Pool Safety, Part 2: Location S4946 Barriers for Swimming Pools and 8, 1926.2 - Swimming Pool Safety, Part 2: Location S4946 Barriers for Swimming Pools.

Swimming pool valent recruciation systems shall comply with AS 1926.3 - Water Recruciation and Filtration Systems. Spa pool water recruciation systems shall comply with AS 1926.3 - Water Recruciation and Filtration Systems.

Systems except that the specified distance between two outlets connected to a common line must not be less than 600mm.

### 3.12.1 INSULATION Thermal insulation will be installed in the building fabric in accordance with Part 3.12.1.1 of the BCA.



CLIENT: KIRSTEN & DECLAN BOYCE





NOT TO SCALE - COLOURS ARE INDICATIVE ONLY SUBJECT TO CHANGE

## **Cover Page & General Construction Notes**





Phone: +61 73806 5100



NOT TO SCALE - COLOURS ARE INDICATIVE ONLY. SUBJECT TO CHANGE





## Illustration of Design

DESIGN:	JOB ADDRESS:	S.P:	ISSUE:	REV	DATE	DESCRIPTION	DRAWN	CHECKED
PROPOSED RESIDENCE	LOT 14, 155 SUZANNE RD	DP253275	C	A B	24.01.22 12.04.22 05.10.22	WORKING DRAWINGS STITING REL/CLADDING AMEND TO SUITS BALREPORT	AM	JAW JAW
STAGED PLAN:	TALLAWANG, NSW 2852	SCALE:	_		00.1022	NOTIFICIALDING AMEND TO SUITS BAL REPORT	AM	Jan
WORKING DRAWINGS	·	@ A2						
CLIENT: KIRSTEN & DECLAN BOYCE	USE FIGURED DIMENSIONS AT ALL TIMES. REFER ANY ENQUIRES TO BUILDING CONTRACTOR ALL DIMENSIONS TO BE VERIFIED ON SITE PRIOR TO CONSTRUCTION. ALL WORK TO COMPLY WITH LOCAL AUTHORITY REGULATIONS.	DWG No: 002	LAND AREA:					



ANY ELEMENT OF CONSTRUCTION OR SYSTEM THAT SATISFIES THE TEST CRITERIA OF AS 1530.8.1 MAY BE USED IN LIEU OF THE APPLICABLE REQUIREMENTS BELOW (SEE CLAUSE 3.8 OF THE STANDARD).

### 1.0 SARKING

SARKING, WHERE USED FOR BUSHFIRE PROTECTION SHALL BE A) NON-COMBUSTIBLE: OR

A) NON-COMBOSTIBLE, OR B) BREATHER-TYPE SARKING COMPLYING WITH ASINZS4200.1 AND WITH A FLAMMABILITY INDEX OF NOT MORE THAN 5 AND SARKED ON THE OUTSIDE OF THE FRAME: OR

C) AN INSULATION MATERIAL CONFORMING TO THE APPROPRIATE ALISTRALIAN STANDARD FOR THAT MATERIAL

### 2 A SUBEL OOR SUPPORTS

THIS STANDARD DOES NOT PROVIDE CONSTRUCTION REQUIREMENTS FOR SUBFLOOR SUPPORTS WHERE THE SUBFLOOR

1) A WALL THAT COMPLIES WITH THE REQUIREMENTS FOR AN EXTERNAL WALL BELOW: OR 2) A MESH OR PERFORATED SHEET WITH A MAXIMUM APERTURE OF 2 MM, MADE OF CORROSION RESISTANT STEEL BRONZE OR ALUMNIUM: OR 2) A COMPINATION OF ITEMS (A) AND (B) ADOVE

WHERE THE SUBFLOOR SPACE IS UNENCLOSED. THE SUPPORT POSTS, COLUMNS, STUMPS, PIERS AND POLES

(1) OF NON-COMBUSTIBLE MATERIAL; OR (2) OF BUSHFIRE-RESISTING TIMBER (REFER TO THE TABLE AT THE END OF THIS DOCUMENT); OR (3) A COMBINATION OF ITEMS (I) AND (II) ABOVE.

NOTE: THIS REQUIREMENT APPLIES TO THE PRINCIPAL BUILDING ONLY SEE REQUIREMENTS BELOW FOR VERANDAS DECKS STEPS RAMPS

### 3.0 FLOORS

1) FLEVATED FLOORS

A) ENCLOSED SUBELOOR SPACE

THE STANDARD DOES NOT PROVIDE CONSTRUCTION REQUIREMENTS FOR ELEVATED FLOORS INCLUDING BEARERS. JOISTS AND FLOORING, WHERE THE SUBELOOR SPACE IS ENCLOSED WITH-

> IVA WALL THAT COMPLIES WITH THE STANDARDS FOR AN EXTERNAL WALL RELOW- OR II) A MESH OR PERFORATED SHEET WITH A MAXIMUM APERTURE OF 2mm, MADI OF CORROSION RESISTANT STEEL BRONZE OR ALLIMINIUM: OR III) A COMBINATION OF ITEMS (A) AND (B) ABOVE

B) UNENCLOSED SUBFLOOR SPACE

WHERE THE SUBFLOOR SPACE IS UNENCLOSED, THE BEARERS, JOISTS AND FLOORING, LESS THAN 400mm ABOVE FINISHED GROUND LEVEL. SHALL BE ONE OF THE FOLLOWING:

> I) MATERIALS THAT COMPLY WITH THE FOLLOWING: (A) REARERS AND JOISTS SHALL RE-

I) NON-COMBUSTIBLE; OR II) BUSHFIRE-RESISTING TIMBER (REFER TO THE TABLE AT THE END OF THIS DOCUMENT); OR III) A COMBINATION OF ITEMS (I) AND (II) ABOVE.

I) NON-COMBUSTIBLE; OR III) BUSHFIRE-RESISTING TIMBER (REFER TO THE TABLE AT THE END OF THIS DOCUMENT); OR III) TIMBER (OTHER THAN BUSHFIRE-RESISTING TIMBER) PARTICLEBOARD OR PLYWOOD FLOORING WHERE THE UNDERSIDE IS LINED WITH SARKING-TYPE MATERIAL OR MINERAL WOOL INSULATION; OR

C) A COMBINATION OF ANY OF ITEMS (I). (II) OR (III) ABOVE: OR

THIS STANDARD DOES NOT PROVIDE CONSTRUCTION REQUIREMENTS FOR ELEMENTS OF ELEVATED FLOORS, INCLUDING BEARERS, JOISTS AND FLOORING, IF THE UNDERSIDE OF THE ELEMENT IS 400mm OR MORE ABOVE FINISHED GROUND LEVEL.

### 4.0 EXTERNAL WALLS

1) WALLS

THE EXPOSED COMPONENTS OF AN EXTERNAL WALL SHALL BE:

(A) NON-COMBUSTBLE MATERIAL SUCH AS CAVITY BRICK, MASONRY VENEER WALLS WITH AN OUTE LEAF OF CLAY, CONCRETE, CALCIUM SILICATE OR NATURAL STONE, PRECAST OR IN STUW ALLS OF CONCRETE OR A PRATETE O CONCRETE OR A PRATE AND MORE TE OR DEATH WALLING INCLUDING MUD BRICK, OR

(B) TIMBER LOGS OF A SPECIES WITH A DENSITY OF 680 KG/M3 OR GREATER AT A 12 PERCEN MOISTURE CONTENT; OF A MINIMUM MOMINAL OVERALL THICKNESS OF 90mm AND A MINIMUM THICKNESS OF 70mm (SEE CLAUSE 3.110° STANDARD); AND GAUGE PLANDE; OR

(I) FIBRE-CEMENT A MINIMUM OF 6mm IN THICKNESS; OR (II) BUSHFIRE-RESISTING TIMBER (REFER TO THE TABLE AT THE END OF THIS DOCUMENT); OR (IIV) A COMBINATION OF ANY OF ITEMS (I), (II) OR (III) ABOVE; OR

(D) A COMBINATION OF ANY OF ITEMS (A), (B) OR (C) ABOVE.

2) JOINTS

ALL JOINTS IN THE EXTERNAL SURFACE MATERIAL OF WALLS SHALL BE COVERED. SEALED. OVERLAPPED. BACKED OR

VENTS AND WEEDHOLES IN EXTERNAL WALLS SHALL BE SCREENED WITH A MESH WITH A MAXIMUM VENTS AND WEEPHOLES IN EXTERNAL WALLS SHALL DE SOCIEDINED WITH A MESH WITH A MACAMUM APERTURE OF Zmm, MADE OF CORROSION-RESISTANT STEEL, BRONZE OR ALUMINIUM, EXCEPT WHERE THE VENTS AND WEEPHOLES HAVE AN APERTURE LESS THAN Smm.

### 5.0 EXTERNAL WINDOWS AND DOORS

1) WINDOWS

WINDOW ASSEMBLIES SHALL COMPLY WITH ONE OF THE FOLLOWING:

(A) THEY SHALL BE COMPLETELY PROTECTED BY A BUSHFIRE SHUTTER THAT COMPLIES WITH NOTE 1 BELOW; OR (B) THEY SHALL COMPLY WITH THE FOLLOWING:

(I) WINDOW FRAMES AND WINDOW JOINERY SHALL BE MADE FROM:

(A) BUSHFIRE-RESISTING TIMBER; OR

(8) METAL: DIX (C) METAL-REINFORCED PVC-U. THE REINFORCING MEMBERS SHALL BE MADE FROM ALUMINIUM, STAINLESS STEEL, OR CORROSION-RESISTANT STEEL AND THE FRAME AND SASH SHALL SATISFY THE DESIGN LOAD, PERFORMANCE AND STRUCTURAL STRENGTH OF THE MEMBER

(II) EXTERNALLY FITTED HARDWARE THAT SUPPORTS THE SASH IN ITS FUNCTIONS OF OPENING AND CLOSING SHALL BE METAL

(III) GLAZING SHALL BE A MINIMUM OF 5 MM TOUGHENED GLASS

NOTE: WHERE DOUBLE-CLAFED LINES ARE LISED. THE ABOVE REQUIREMENTS APPLY TO THE EXTERNAL FACE OF THE WINDOW ASSEMBLY ONLY

(IV) WHERE GLAZING IS LESS THAN 400mm FROM THE GROUND OR LESS THAN 400mm ABOVE DECKS, CARPORT ROOFS, AWNINGS AND SIMILAR ELEMENTS OR FITTINGS, HAVING AN ANGLE LESS THAN 18 DEGREES TO THE HORIZONTAL AND EXTENDING MORE THAN 110mm IN WIDTH FROM THE WINDOW FRAME, THAT PORTION SHALL BE SCREENED WITH A SCREEN THAT COMPLIES WITH NOTE 2 BELOW.
(IVITHE OPENABLE PORTION OF WINDOWS SHALL BE SCREENED WITH SCREENS COMPLYING WITH NOTE 2 BELOW.

2) CODEENS

SCREENING OF THE OPENABLE PORTIONS OF ALL WINDOWS IS REQUIRED IN ALL BALS TO PREVENT THE ENTRY OF EMBERS TO THE BUILDING WHEN THE WINDOW IS OPEN SCREENING OF THE OPENABLE AND EXED PORTIONS OF SOME WINDOWS IS REQUIRED IN SOME BALS TO REDUCE THE EFFECTS

IF THE SCREENING IS REQUIRED TO REDUCE THE EFFECTS OF RADIANT HEAT ON THE GLASS. THE SCREENING HAS TO BE EXTERNAL SO THAT THE GLASS IN THE OPENABLE PORTION OF THE WINDOW WILL BE 'PROTECTED' WHEN IT IS SHUT

IF THE SCREENING IS REQUIRED ONLYTO PREVENT THE ENTRY OF EMBERS. THE SCREENING MAY BE FITTED EXTERNALLY OR INTERNALLY.

SIDE-HUNG EXTERNAL DOORS. INCLUDING FRENCH DOORS. PANEL FOLD AND BLEGLD DOORS. SHALL COMPLY WITH ONE OF THE FOLLOWING.

OORS AND DOOR FRAMES SHALL BE PROTECTED BY BUSHFIRE SHUTTERS THAT COMPLY WITH NOTE 1; (B) DOORS AND DOOR FRAMES SHALL BE PROTECTED EXTERNALLY BY SCREENS THAT COMPLY WITH NOTE 2; OR (C) DOORS AND DOOR FRAMES SHALL COMPLY WITH THE FOLLOWING:

(A) NON-COMBUSTIBLE; OR

3) DOORS-SIDE-HUNG EXTERNAL DOORS (INCLUDING FRENCH DOORS, PANEL FOLD AND BI-FOLD DOORS)

(I) EXTERNALLY FITTED HARDWARE THAT SUPPORTS THE PANEL IN ITS FUNCTION OF OPENING AND CLOSING SHALL BE INETAL.

(III) WHERE DOORS INCOPPORATE GLAZING, THE GLAZING SHALL BE TOUGHERED GLASS WITHA MINIMAIN THICKNESS OF 8mm.

(IV) DOORS SHALL BE TEITH-FITTING TO THE DOOR FRAME AND TO AN ABUTTING DOOR, IFAPPULGABLE.

(V) DOOR FRAMES SHALL BE MADE FROM:

(B) INETAL OR

(C) INETAL REPORCED PVC.U. THE REINFORCING MEMBERS SHALL BE MADE FROM ALJAMINUM, STAINLESS STEEL, OR CORROSIONARESISTANT
STEEL AND THE DOOR ASSEMEN SHALL SATISTY THE DESIGN I CAD, PERFORMACE AND STRUCTURAL STRENGTH OF THE MEMBER

(V) INVEREE CLAZION LESS THAN 400mm FROUTHE GEOVILON CLESS THAN 400mm ADD/FE COCKS, CAPPORT ROOFS, ANYMINGS AND SMILLAR ELEMENTS
OR FITTINGS, HAVING AN ANGLE LESS THAN 18 DEGREES TO THE HORIZONTAL AND EXTENDING MORE THAN 110mm IN WIDTH FROM THE WINDOW FRAME, OR FIT INGS, HAVING AN ANOLE LESS THAN 18 DEGREES TO THE FLORECUNTAL AND EXTENDING MORE THAN TRUMM IN WIDTH FROM THE W THAT PORTION SHALL BE SCREENED WITH A SCREEN THAT COMPLIES WITH NOTE 2 BELOW. (VII) WEATHER STRIPS, DRAUGHT EXCLUDERS OR DRAUGHT SEALS SHALL BE INSTALLED AT THE BASE OF SIDE-HUNG EXTERNAL DOORS

(D) SI IDING DOORS

SLIDING DOORS SHALL COMPLY WITH ONE OF THE FOLLOWING:

(A) THEY SHALL BE COMPLETELY PROTECTED BY A BUSHERE SHUTTER THAT COMPLIES WITH NOTE 1: OR (B) THEY SHALL BE COMPLETELY PROTECTED EXTERNALLY BY SCREENS THAT COMPLY WITH NOTE 2; OR (C) THEY SHALL COMPLY WITH THE FOLLOWING:

II) ANY GLAZING INCORPORATED IN SLIDING DOORS SHALL BE TO LIGHENED GLASS WITH A MINIMUM THICKNESS OF 6mm (II) BOTH THE DOOR FRAME SUPPORTING THE SLIDING DOOR AND THE FRAMING SURROUNDING ANY GLAZING SHALL BE MADE FROM: (A) BUSHFIRE-RESISTING TIMBER: OR

(g) METAL; CR (C) METAL-REINFORCED PVC-U. THE REINFORCING MEMBERS SHALL BE MADE FROM ALUMINIUM, STAINLESS STEEL, OR CORROSION-RESISTANT STEEL AND THE FRAME AND THE SASH SHALL SATISFY THE DESIGN LOAD, PERFORMANCE AND STRUCTURAL STRENGTH OF THE MEMBER.

(III) THERE IS NO REQUIREMENT TO SCREEN THE OPENABLE PART OF THE SLIDING DOOR, HOWEVER, IF SCREENED, THE SCREENS SHALL

NOTE: THE CONSTRUCTION OF MANUFACTURED SLIDING DOORS SHOULD PREVENT THE ENTRY OF EMBERS WHEN THE DOOR IS CLOSED. THERE IS NO REQUIREMENT TO PROVIDE SCREENS TO THE OPENABLE PART OF THESE DOORS AS IT IS ASSUMED THAT A SLIDING DOOR WILL BE CLOSED IF OCCUPANTS ARE NOT PRESENT DURING A BUSHFIRE EVENT. SCREENS OF MATERIALS OTHER THAN THOSE SPECIFIED MAY NOT RESIST EMBER ATTACK.

(IV) EXTERNALLY FITTED HARDWARE THAT SUPPORTS THE PANEL IN ITS FUNCTION OF OPENING AND CLOSING SHALL BE METAL. (V) SLIDING DOORS SHALL BE TIGHT-FITTING IN THE FRAMES

(E) GARAGE DOORS

THE FOLLOWING APPLY TO VEHICLE ACCESS DOORS:
(A) THE LOWER PORTION OF A VEHICLE ACCESS DOOR THAT IS WITHIN 400mm OF THE GROUND WHEN THE DOOR IS CLOSED SHALL BE MADE FROM—

(I) NON-COMBUSTIBLE MATERIAL; OR (II) BUSHFIRE-RESISTING TIMBER; OR (III) FIBRE CEMENT SHEET. A MINIMUM OF 6mm IN THICKNESS: OR (V) A COMBINATION OF ANY OF ITEMS (I), (II) OR (III) ABOVE

(B) PANEL LIFT, TILT DOORS OR SIDE-HUNG DOORS SHALL BE FITTED WITH SUITABLE WEATHER STRIPS, DRAUGHT EXCLUDERS, DRAUGHT SEALS OR GUIDE TRACKS, AS APPROPRIATE TO THE DOOR TYPE, WITH A MAXIMUM GAP NO GREATER THAN 3mm. (C) ROLLER DOORS SHALL HAVE GUIDE TRACKS WITH A MAXIMUM GAP NO GREATER THAN 3mm AND SHALL BE FITTED WITH A NYLON BRUSH THAT IS IN CONTACT WITH THE DOOR.
(D) VEHICLE ACCESS DOORS SHALL NOT INCLUDE VENTILATION SLOTS

NOTE 1: WHERE FITTED, BUSHFIRE SHUTTERS SHALL BE MADE FROM

A) NON-COMBUSTIBLE MATERIAL, OR

(I) BE FIXED TO THE BULLDING AND SENDIN REBUSYABLE.

(II) WHEN THE CLOSED POSTION, HAVE OWAP GREATER THAN SIMB BETWEEN THE SHUTTER AND THE WALL, THE SILL OR THE HEAD;

(II) BE READLY MANUALLY DEFERBLE FROM EITHER INSIDE OR OUTSIDE:

(II) PROTECT THE BUTTER WINDOW ASSESSIBLY OR DOOR ASSESSIBLY:

(A) UNFORMLY DISTRIBUTED PERFORATIONS WITH A MAXIMUM APERTURE OF 3mm WHEN THE SHUTTER IS PROVIDING RADIANT HEAT PROTECTION OR 2 MM WHEN THE SHUTTER IS ALSO PROVIDING BUBER PROTECTION (SUCH AS WHERE THE OPENABLE PORTION OF THE WINDOW IS NOT SCREENED IN ACCORDANCE WITH THE REQUIREMENTS OF THE RESPECTIVE BULL, AND

(B) A PERFORATED AREA NO GREATER THAN 20% OF THE SHUTTER. IF BUSHFIRE SHUTTERS ARE FITTED TO ALL EXTERNAL DOORS THEN AT LEAST ONE OF THOSE SHUTTERS SHALL BE OPERABLE FROM THE INSIDE TO FACILITATE SAFE EGRESS FROM THE BUILDING.

NOTE 2: WHERE FITTED SCREENS FOR WINDOWS AND DOORS SHALL HAVE A MESH OR PERFORATED SHEET WITH A MAXIMUM APERTURE OF 2mm MADE OF CORROSION RESISTANT STEEL BRONZE OR ALUMNIUM, GAPS ENTIRED THE PERMETER OF THE SCREEN ASSEMBLY AND THE BUILDING ELEMENT TO WHICH IT IS FITTED SHALL NOT EXCEED 3mm. THE FRAME SUPPORT

NOTE 3: WHERE DOUBLE GLAZED LINITS ARE LISED THE ARRIVE REQUIREMENTS APPLY TO THE EXTERNAL FACE OF THE WINDOW ASSEMBLY ONLY

6.0 ROOFS (INCLUDING VERANDA AND ATTACHED CARPORT ROOFS, PENETRATIONS, EAVES, FASCIAS, GABLES, GUTTERS AND DOWNPPES)

1. GENERAL
THE FOLLOWING APPLY TO ALL TYPES OF ROOFS AND ROOFING SYSTEMS:

(ARBOT TILES NOT SHEETS AND TOOK-SCHEMBAL ACCESSIONES MET TOE SUN-COMBISTRIES.

OIL PERSON MALL MACTION BY TOE SECENT OF REPOST POPENSION FOR HIS WAY, AND THE REPORT HE USE OF FASCIA AND SAVES LINKINGS OR CHYSELAND BETWEEN THE FOR OF THE WALL. AND THE UMBERSING OF THE MORE AND RETWEEN THE REAFTERS AT THE LINE OF THE WALL.

(OF ROOT VEHILLAND OFFENDES SULFS OF AGREE AND ROOT SECTION FOR AND RETWEEN THE REAFTERS AT THE LINE OF THE WALL.

(A) AREST OF REPORTATED SHEET WITH A MAXIMUM APERTURE OF 2 mm, MADE OF CORROSON/RESISTRIST STEEL, BROWZE OR ALLIMINUM.

(O) A PERFORMATION HAT PERFORMED THE ROOT COVERNOR SHALL BE NANCOMBERSTRIE.

## **Bushfire Requirements**

DESIGN:	JOB ADDRESS:	S.P:	ISSUE:	REV	DATE	DESCRIPTION	DRAWN	CHECKED												
PROPOSED RESIDENCE															С	C	12.04.22 05.10.22	SETTING REL/CLACOING AMEND TO SUITS BAL REPORT	AM	JMI
STAGED PLAN:	TALLAWANG, NSW 2852	SCALE:	SCALE:																	
WORKING DRAWINGS		@ A2																		
CLIENT: KIRSTEN & DECLAN BOYCE	USE FIGURED DIMENSIONS AT ALL TIMES. REFER ANY ENQUIRES TO BUILDING CONTRACTOR ALL DIMENSIONS TO BE VERRIED ON SITE PRIOR TO CONSTRUCTION. ALL WORK TO COMPLY WITH LOCAL AUTHORITY REGULATIONS.	DWG No: 003	LAND AREA:																	
				•																

2. TILED ROOFS.
TILED ROOFS SHALL BE FULLY SARKED. THE SARKING SHALL—

(A) BE LOCATED ON TOP OF THE ROOF FRAMINO, EXCEPT THAT THE ROOF BATTENS MAY BE FIXED ABOVE THE SARKING (B) COVER THE ENTIRE ROOF AREA INCLUDING RIDGES AND HIPS; AND (C) EXTEND INTO GUTTERS AND VALLEYS.

3 SHEET ROOFS

QUEET DOOES QUALI

SHELE IN DUCH'S SHALL—
(A) BE FULLY SANGED, EXCEPT THAT FOIL BACKED INSULATION BLANKETS MAY BE INSTALLED OVER THE BATTENS; AND
(B) HAVE ANY GAPS GREATER THAN 3mm (SUCH AS UNDER CORRUGATIONS OR RBS OF SHEET ROOFING AND BETWEEN ROOF COMPONENTS) SEALED AT
THE FASCIA OR WAIL I INE AND IT ALL IF SHE PARE AND BRIGGER BY—

(I) A MESH OR PERFORATED SHEET WITH A MAXIMUM APERTURE OF 2mm. MADE OF CORROSION-RESISTANT STEEL BRONZE OR ALUMINIUM: OR (I) A MEST UK PERFUR JR DIJETIDI E MATEDIAI - AD

(II) OTHER NON-COMBOSTIBLE MATERIAL, OR (III) ABOVE.

NOTE: SARKING IS USED AS A SECONDARY FORM OF EMBER PROTECTION FOR THE ROOF SPACE TO ACCOUNT FOR MINOR GAPS THAT MAY DEVELOP IN SHEET ROOFING.

VERANDAH CARPORT AND AWNING ROOFS - THE FOLLOWING APPLY TO VERANDA CARPORT AND AWNING ROOFS:

(A) A VERANDA CARPORT OR AWNING ROLE FORMING PART OF THE MAIN ROLE SPACE SHALL MEET ALL THE RECLIREMENTS FOR THE MAIN ROLE (B) A VERANDA, CARPORT OR AWNING ROOF SEPARATED FROM THE MAIN ROOF SPACE BY A WALL THAT COMPLES WITH THE SPECIFICATION ABOVE FOR AN EXTERNAL WALL SHALL HAVE A NON-COMBUSTIBLE ROOF COVERING AND THE SUPPORT STRUCTURE SHALL BE—

(I) OF NON-COMBUSTIBLE MATERIAL: OR

(II) BUSHFIRE-RESISTING TIMBER, OR
(III) TIMBER RAFTERS LINED ON THE UNDERSIDE WITH FIBRE-CEMENT SHEETING A MINIMUM OF 6mm IN THICKNESS, OR WITH MATERIAL COMPLYING WITH AS 1530 8 1: OR

(IV) A COMBINATION OF ANY OF ITEMS (I), (II) OR (III) ABOVE.

RODE PENETRATIONS - THE FOLLOWING APPLY TO RODE PENETRATIONS:

(A) DOOR PRICITANTONS INCLUDING ROOF LIGHTS ROOF VEHTLATORS ROOM MOUNTED EVAPORATIVE COCUMING LIGHTS. REPULLS YEST FREE AND SUPPORTS FOR SOLAR COLLECTORS, SHALLE ADEQUALEY SALED AT THE ROOF OF PREVENT AGE REPLETED HEAT THE MELTERAL USED TO SEAL THE PREFERENTION SHALLE REVIOLEMENT OF SEAL THE PREFERENTION SHALLE REVIOLEMENT OF SHALLE EFFICIE WITH INSERT CULRISON MADE FROM A MESH OF REPEROATED SHEET WITH ANALYMAN APPRITURE OF THE MAJOR OF CORROBOMENESTANT STEEL, REVIOUR OF AUXILIARY RECURRISENT OF SOLAR POUR FOR HEAD WITH A THAT OF COCKING DEVICES THE ADMINISTRATION OF COCKING DEVICES. WITH CLOSED COMBUSTION CHAMBERS. IN THE CASE OF GAS APPLIANCE FLUES. EMBER GUARDS SHALL NOT BE FITTED.

NOTE: GAS FITTERS ARE REQUIRED TO PROVIDE A METAL FLUE PIPE ABOVE THE ROOF AND TERMINATE WITH A CERTIFIED GAS FLUE COWL COMPLYING WITH AS 4566. ADVICE MAY BE OBTAINED FROM STATE GAS TECHNICAL REGULATORS.

(C) ALL OVERHEAD GLAZING SHALL BE GRADE A SAFETY GLASS COMPLYING WITH AS 1288. (C) ALL DYEMBERO GLAZNIG SHALL BE GRADE A SAFETY GLASS COMPLYING WITH AS 1288. (I) DIAZPE CLEARING IN COPIC OF THE COLUMN OF THE

EAVES LININGS FASCIAS AND GABLES - THE FOLLOWING APPLY TO FAVES LININGS FASCIAS AND GABLES:

A) GABLES SHALL COMPLY WITH THE REQUIREMENTS FOR AN EXTERNAL WALL

(B) FASCIAS AND BARGEBOARDS SHALL—
(I) WHERE TIMBER IS USED, BE MADE FROM BUSHFRE-RESISTING TIMBER; OR
(II) WHERE MADE FROM METAL. BE FIXED AT 450 MM CENTRES; OR
(III) BE A COMBINATION OF ITEMS (I) AND (II) ABOVE.

(C) EAVES LININGS SHALL BE—
(I) FIBRE-CEMENT SHEET, A MINIMUM 4.5mm IN THICKNESS; OR
(II) BUSHFIRE-RESISTING TIMBER (REFER TO THE TABLE AT THE END OF THIS DOCUMENT); OR
(III) A COMBINATION OF TEMS (I) AND (II) ABOVE.

(D) DAVES PRICTIPATIONS SMALL BE PROTECTED THE SAME AS FOR FIGH FOR PRICTIPATIONS.

(E) EARNES VEHTILATION OPENINGS GREATED THAN 3M MENALE BETTER WITH EMERGE OUR ARDS MIDGE OF NON-COMBUSTRELE MATERIAL OR A MESH OR PERFORATED SHEET WITH A MAXIMUM APERTURE OF 2mm, MADE OF CORPOSION-RESISTANT STEEL, BROWNER OR ALLIMINUM.

(F) JOHN'S IN EXEMSE KNINGS, FARCHES AND GALES BAWE SES EACH WITH PLASTIC JOHNING STRIPS OR TIMBER STORM MOULDS.

THE STANDARD DOES NOT PROVIDE MATERIAL REQUIREMENTS FOR DOWNPIPES IF INSTALLED GLITTER AND VALLEY LEAF GUARDS SHALL BE NON-COMBUSTIBLE WITH THE EXCEPTION OF BOX GUTTERS, GUTTERS SHALL BE METAL OR PVC-U. BOX GUTTERS SHALL BE NON-COMBUSTBLE, AND FLASHED AT THE JUNCTION WITH THE ROOF WITH NON COMBUSTBLE MATERIAL

7.0 VERANDAHS, DECKS, STEPS, RAMPS AND LANDINGS

A) MATERIALS TO ENCLOSE A SURFLOOR SPACE

AL.
DECKING MAY BE SPACED. THERE IS NO REQUIREMENT TO ENCLOSE THE SUBFLOOR SPACES OF VERANDAS, DECKS, STEPS, RAMPS OR LANDINGS.

2) ENCLOSED SUBFLOOR SPACES OF VERANDAS, DECKS, STEPS, RAMPS AND LANDINGS

THE SUBFLOOR SPACES OF VERANDAS, DECKS, STEPS, RAMPS AND LANDINGS ARE CONSIDERED TO BE 'ENCLOSED' WHEN -INTHE MATERIAL LISED TO ENCLOSE THE SUBELOOR SPACE COMPLIES WITH THE STANDARDS FOR EXTERNAL WALLS AROUS. AND

III ALL OPENINGS GREATER THAN 3 MM ARE SCREENED WITH A MESH OR PERFORATED SHEET WITH A MAXIMUM APERTURE OF 2mm, MADE OF CORROSION-RESISTANT STEEL BRONZE OR ALUMINIUM.

THE STANDARD DOES NOT PROVIDE CONSTRUCTION REQUIREMENTS FOR SUPPORT POSTS, COLUMNS, STUMPS, STRINGERS, PIERS AND POLES. THE STANDARD DOES NOT PROVIDE CONSTRUCTION REQUIREMENTS FOR THE FRAMING OF VERANDAS, DECKS, RAMPS OR LANDINGS (I.E., BEARERS AND JOISTS).

0006977938-03 30 May 2022

4.9

DI DECKING STAIR TREADS AND THE TRAFFICABLE SURFACES OF RAMPS AND LANDINGS E) DECKING, STAIR TREADS AND THE TRAFFICABLE SURFACES OF RAMPS AND LANDINGS SHALL BE-

I) OF NON-COMBUSTIBLE MATERIAL: OR II) OF BUSHFIRE-RESISTING TIMBER (REFER TO THE TABLE AT THE END OF THIS DOCUMENT); OR III) A COMBINATION OF ITEMS (I) AND (II) ABOVE.

3) UNENCLOSED SUBFLOOR SPACES OF VERANDAS, DECKS, STEPS, RAMPS AND LANDINGS

A) SUPPORTS SUPPORT POSTS, COLUMNS, STUMPS, STRINGERS, PIERS AND POLES SHALL BE—

ILOE MONLOOMBLISTIBLE MATERIAL- OR II) OF BUSHFIRE-RESISTING TIMBER; OR
III) A COMBINATION OF ITEMS (I) AND (II) ABOVE.

FRAMING OF VERANDAS, DECKS, RAMPS OR LANDINGS (I.E., BEARERS AND JOISTS) SHALL BE— I) OF NON-COMBUSTIBLE MATERIAL; OR II) OF BUSHFIRE-RESISTING TIMBER-OR

III) A COMBINATION OF ITEMS (I) AND (II) ABOVE. C) DECKING, STAIR TREADS AND THE TRAFFICABLE SURFACES OF RAMPSILANDINGS/DECKING, STAIR TREADS AND THE TRAFFICABLE SURFACES OF RAMPS AND LANDINGS SHALL BE—

S SHALL BE— I) OF NON-COMBUSTIBLE MATERIAL; OR II) OF BUSHFIRE-RESISTING TIMBER (REFER TO THE TABLE AT THE END OF THIS DOCUMENT); OR

III) A COMBINATION OF ITEMS (I) AND (II) ABOVE.

4) BALUSTRADES, HANDRAILS OR OTHER BARRIERS - THOSE PARTS OF THE HANDRAILS AND BALUSTRADES LESS THAN 125mm FROM ANY GLAZING OR ANY COMBUSTIBLE WALL I) OF NON-COMBUSTIBLE MATERIAL; OR
II) OF BUSHFIRE-RESISTING TIMBER (REFER TO THE TABLE AT THE END OF THIS DOCUMENT); OR

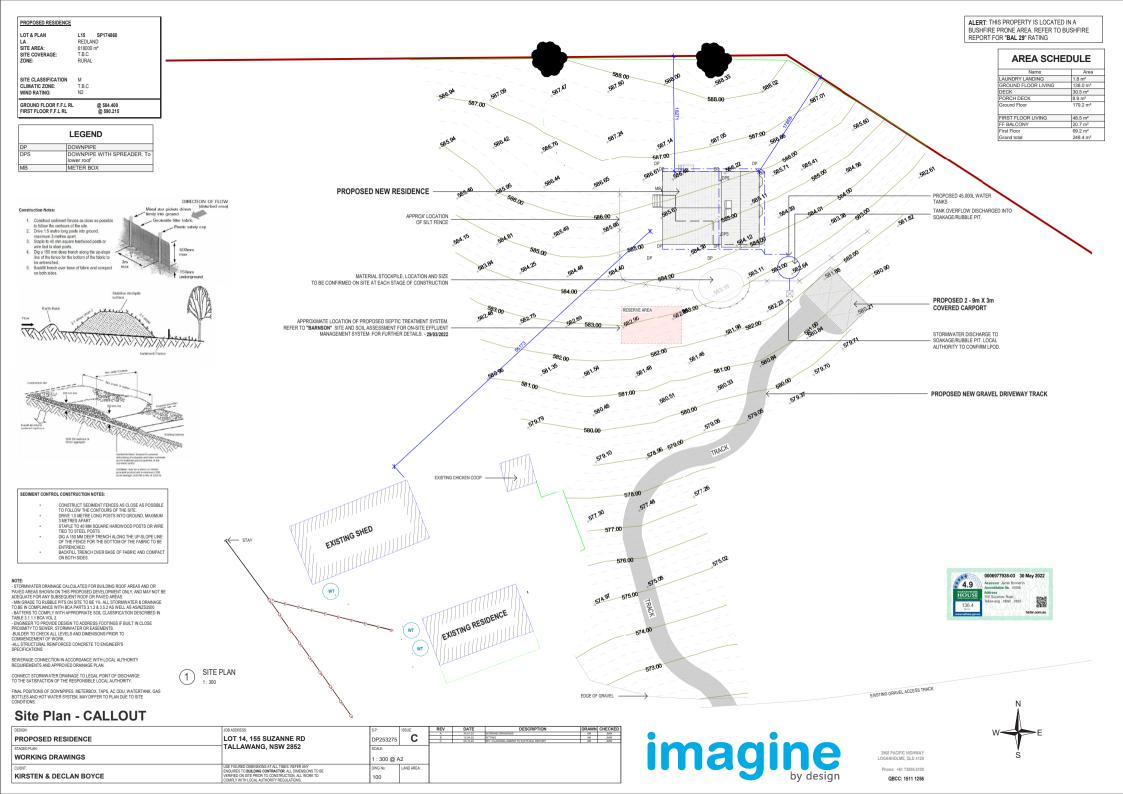
III) A COMBINATION OF ITEMS (I) AND (II) ABOVE. THOSE PARTS OF THE HANDRAILS AND BALLISTRADES THAT ARE 125mm OR MORE FROM THE BUILDING HAVE NO REQUIREMENTS.

### 8.0 WATER AND GAS SUPPLY PIPES

ABOVE-GROUND, EXPOSED WATER AND GAS SUPPLY PIPES ARE TO BE METAL.



LOGANHOLME, QLD 4129 Phone: +61 73806 5100 OBCC: 1511 1256



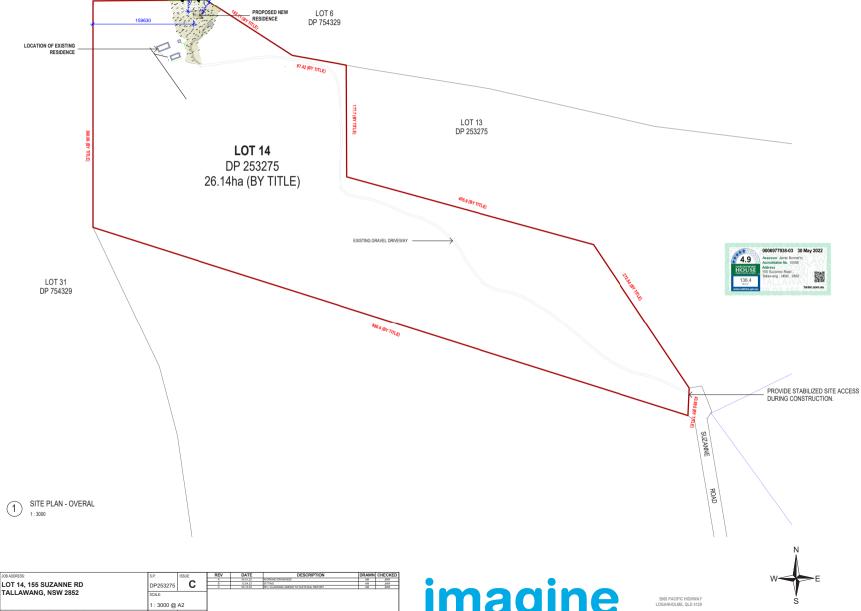
PROPOSED RESIDENCE

LOT & PLAN LA SITE AREA: SITE COVERAGE: ZONE: L15 SP174860 REDLAND 618000 m<sup>2</sup> T.B.C RURAI

SITE CLASSIFICATION CLIMATIC ZONE: WIND RATING: T.B.C

FIRST FLOOR F.F.L RL

AREA SCHEDULE						
Name	Area					
LAUNDRY LANDING	1.8 m²					
GROUND FLOOR LIVING	138.0 m²					
DECK	30.5 m²					
PORCH DECK	8.9 m²					
Ground Floor	179.2 m²					
FIRST FLOOR LIVING	48.5 m²					
FF BALCONY	20.7 m²					
First Floor	69.2 m²					
Grand total	248.4 m <sup>2</sup>					



NOTE:
- STORWATER DRAMAGE CALCILLATED FOR BULDING ROOF AREAS AND OR PAYED AREAS SHOWN ON THIS PROPOSED DEVELOPMENT ONLY, AND MAY NOT BE ADEQUARTED AREAS.
- MIN GOADET OR MEDER PISTO ON SITE OF IN ALL STORMANTER & DOWNLOGE.
- MIN GOADET OR MEDER PISTO ON SITE OF IN ALL STORMANTER & DOWNLOGE.
- BATTERS TO COMEN Y WITH APPROPRIATE SOIL CLASSFICATION DESCREED IN TABLE 3.1.1 SEA ONLOGE.
- ENONEES TO PROVIDE DESIGN TO ADDRESS POOTTIONS & BUILT IN ALOSE PROMINITY OF SWERF, SORMANTERS OF RESIDENTIANS.
- BUILDER TO CHECK ALL LEVELS AND DIMENSIONS PROR TO COMMENCEDING TO FROM

SEWERAGE CONNECTION IN ACCORDANCE WITH LOCAL AUTHORITY REQUIREMENTS AND APPROVED DRAINAGE PLAN.

CONNECT STORMWATER DRAINAGE TO LEGAL POINT OF DISCHARGE TO THE SATISFACTION OF THE RESPONSIBLE LOCAL AUTHORITY.

FINAL POSITIONS OF DOWNPIPES, METERBOX, TAPS, AC ODU, WATERTANK, GAS BOTTLES AND HOT WATER SYSTEM, MAY DIFFER TO PLAN DUE TO SITE CONDITIONS.

## Site Plan Overal

<u>–</u>								
DESIGN:	JOB ADDRESS:	S.P:	ISSUE:	REV	DATE	DESCRIPTION	DRAWN	CHECKED
	l	l .	_	A	24.01.22	WORKING DRAWINGS	AM	JMV
PROPOSED RESIDENCE	LOT 14, 155 SUZANNE RD	DP253275	G		12.04.22	SITTING RFI / CLADDING AMEND TO SUITS BAL REPORT	AM	JMV MW
***************************************	TALL ANNANIO NOW COPO				00.1022	peri concesso resento roscersi sec nar-oci	746	2011
STAGED PLAN:	TALLAWANG, NSW 2852							- 1
WORKING DRAWINGS		1:3000 @ A2						
CUENT:	USE FIGURED DIMENSIONS AT ALL TIMES. REFER ANY ENQUIRES TO BUILDING CONTRACTOR. ALL DIMENSIONS TO BE	DWG No:	LAND AREA:					
KIRSTEN & DECLAN BOYCE		110						





QBCC: 1511 1256

### AREA SCHEDULE

Name	Area
LAUNDRY LANDING	1.8 m²
GROUND FLOOR LIVING	138.0 m²
DECK	30.5 m <sup>2</sup>
PORCH DECK	8.9 m²
Ground Floor	179.2 m²
FIRST FLOOR LIVING	48.5 m²
FF BALCONY	20.7 m <sup>2</sup>
First Floor	69.2 m²

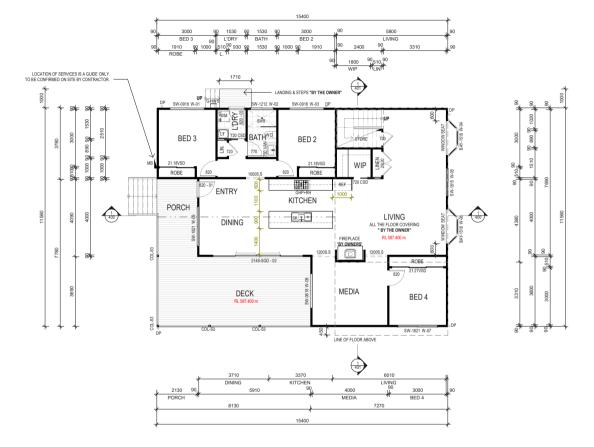
ALERT: THIS PROPERTY IS LOCATED IN A BUSHFIRE PRONE AREA. REFER TO BUSHFIRE REPORT FOR "BAL 29" RATING

### WINDOW SCHEDULE No. Type Height Width Description

01	SW-0918	900	1810	Sliding Window - XO
02	SW-1212	1200	1210	Sliding Window - XO
03	SW-0918	900	1810	Sliding Window - XO
04	BAY-1518	1500	1927	Bay Window
05	SW-1815	1800	1510	Sliding Window - XO-OO
06	BAY-1518	1500	1927	Bay Window
07	SW-1821	1800	2110	Sliding Window - XO-OO
08	SW-0618	600	1810	Sliding Window - XO
09	SW-1821	1800	2110	Sliding Window - XO-OO
10	FG-1803	1800	300	Fixed Glass - O
11	FG-1803	1800	300	Fixed Glass - O
12	SW-1224	1200	2410	Sliding Window - XOX
13	SW-1224	1200	2410	Sliding Window - XOX
14	SW-0606	600	610	Sliding Window - XO
15	SW-2109	2100	910	Sliding Window - XO-O
16	CIA/ 2110	2100	1910	Sliding Window VO OO

DOOR SCHEDULE.
----------------

Mark	Type	Height	Width	Comments
01	820	2040	820	820 External Door
02	2148-SGD	2100	4788	Sliding Glass Door _ XOOX
03	820	2040	820	820 Third Glass Door
0.4	2422 CTV	2400	2420	Ctaskes Dans VOO



- NOTES: —
  LIFT OF HINGES TO WC DOOR
   LINDER ROOF RISULATION—ANTICON BLANKET.
  —
  RISULATION TO SETEMEN, WALLS & SARWING.
  —
  RISULATION TO SETEMEN, WELLS & SARWING.
  —
  RISULATION TO SETEMEN, WELLS & SARWING.
  —
  LIFETIATION INSTALLED.
  —
  PROVIDE WATER AND POWER PROVISION TO DEHMASHER SPACE.
  —
  WINDOW, SOD & MYERINAL DOOR SIZES ARE NOMINAL ONLY & TO BE
  CORPRISE WITH WANHAPLECTURER.
  —
  ARTICULATION LORIS ARE TO BE LOCATED IN ACCORDANCE WITH
  —
  ARTICULATION LORIS ARE TO BE LOCATED IN THE GEORETIC SHOOL OF
- ENGINEER, STRUCTURAL ENGINEER & BUILDING SUPERVISOR.FLOOR WASTES SHOWN DIAGRAMMATICALLY ONLY.
- THIS DRAWINGS IS TO BE READ IN-CONJUNCTION WITH ENGINGEER'S DWGS'.
   FINAL HEIGHTS & FRAME THICKNESS TO BE CONFIRMED BY MANUFACTURER.
- PRIOR
  TO ORDERING.
  ALL APPLIANCES, PLUMBING FIXTURES & SPECIALTY EQUIPMENT SHOWN
  DIAGRAMMATICALLY ONLY, FINAL ARRANGEMENTS TO OWNERS REQUIREMENTS

## **Ground Floor Plan**

DESIGN:	JOB ADDRESS:	S.P:	ISSUE:	REV	DATE	DESCRIPTION		CHECKED
PROPOSED RESIDENCE	LOT 14, 155 SUZANNE RD TALLAWANG, NSW 2852  DP253275  SOKE 1: 100 @ A2		С	8	24.01.22 12.04.22 05.10.22	WORKING DRAWINGS STITING REL/CLADDING AMEND TO SUITS BALREPORT	AM AM	300
STAGED PLAN:								
WORKING DRAWINGS			A2					
CUBY: KIRSTEN & DECLAN BOYCE	USE FIGURED DIMENSIONS AT ALL TIMES. REFER ANY ENQUIRES TO BULDING CONTRACTOR. ALL DIMENSIONS TO BE VERRIFED ON SITE PRIOR TO CONSTRUCTION. ALL WORK TO COMPLY WITH LOCAL AUTHORITY REGULATIONS.	DWG No: 200	LAND AREA:					

GROUND FLOOR PLAN





LOGANHOLME, QLD 4129 QBCC: 1511 1256

	LEGEND
750 VAN	VANITY UNIT - 750 LONG
COL-S3	COLUMN - 90x90 SHS. REFER MANU. DWG'S
DP	DOWNPIPE
G-HWS	GAS HOT WATER SYSTEM
GHP+RH	GAS HOT PLATE AND RANGEHOOD
LT	LAUNDRY TUB
MB	METER BOX
SHR	SHOWER
SK	SINK
WC	WATER CLOSET
WM	WASHING MACHINE SPACE



AREA SCHE	DULE
Name	Area
LAUNDRY LANDING	1.8 m²
GROUND FLOOR LIVING	138.0 m²
DECK	30.5 m²
PORCH DECK	8.9 m²
Ground Floor	179.2 m²
FIRST FLOOR LIVING	48.5 m²
FF BALCONY	20.7 m²
First Floor	69.2 m²
Grand total	248.4 m²

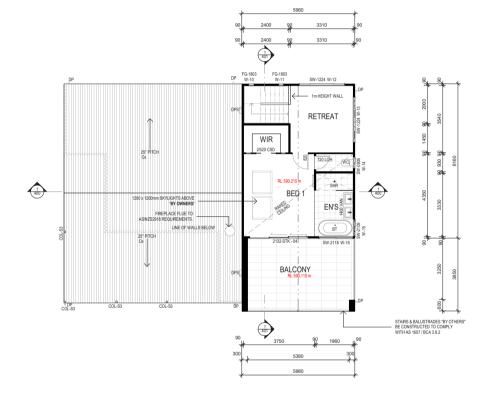
ALERT: THIS PROPERTY IS LOCATED IN A BUSHFIRE PRONE AREA. REFER TO BUSHFIRE REPORT FOR "BAL 29" RATING

	WINDOW SCHEDULE								
No.	Type	Height	Width	Description					
01	SW-0918	900	1810	Sliding Window - XO					
02	SW-1212	1200	1210	Sliding Window - XO					
03	SW-0918	900	1810	Sliding Window - XO					
04	BAY-1518	1500	1927	Bay Window					
05	SW-1815	1800	1510	Sliding Window - XO-OO					
06	BAY-1518	1500	1927	Bay Window					
07	SW-1821	1800	2110	Sliding Window - XO-OO					
08	SW-0618	600	1810	Sliding Window - XO					
09	SW-1821	1800	2110	Sliding Window - XO-OO					
10	FG-1803	1800	300	Fixed Glass - O					
11	FG-1803	1800	300	Fixed Glass - O					
12	SW-1224	1200	2410	Sliding Window - XOX					
13	SW-1224	1200	2410	Sliding Window - XOX					
14	SW-0606	600	610	Sliding Window - XO					
15	SW-2109	2100	910	Sliding Window - XO-O					
16	SW-2118	2100	1810	Sliding Window - XO-OO					
Gran	nd total: 16								

Grand total: 1

DOOR SCHEDULE.					
Mark	Type	Height	Width	Comments	
01	820	2040	820	820 External Door	
02	2148-SGD	2100	4788	Sliding Glass Door _ XOOX	
03	820	2040	820	820 Third Glass Door	
04	2132-STK	2100	3120	Stacker Door _ XOO	

Grand total: 4



1 FIRST FLOOR PLAN

NOTES:
- LIFT OFF HINGES TO WC DOOR.
- LIFT OFF HINGES TO WC DOOR.
- LINGER ROOF INSULATION - ANTICON BLANKET.
- INSULATION TO SCYERNAL WALLS & SARKNIG.
- ROOLIS WITH ON AN LIDEAL VIETHLAND TO HAVE MECHANICAL.
- PROVIDE WATER AND POWER PROVISION TO DISHWASHER SPACE.
- PROVIDE WATER AND POWER PROVISION TO DISHWASHER SPACE.
- WINDOW, SOD AN INTERNAL DOOR SEGS ARE MONIMAL ONLY AT DISE
- CONFIDENCE WITH ANNU FACTURER.
- ANTICULATION MONTS ARE! DISE LOCATED NA COORDANICE WITH
- ANTICULATION MONTS ARE! TO SELECTION OF THE SEGSTENHOLA
- BENCHING AND SEGSTENHOLA SEGSTENHOLA
- ENGINEER STRUCTURAL SEGNICIES BUILDING SUPERVISOR FLOOR WASTES
- SHOWN DIAGRAMMATICALLY ONLY.
- THIS DRAWINGS IS TO SE READ IN COONJUNCTION WITH ENGINEERS BWGS:
- FINAL RECEITS FARME TRICKNESS TOSE CONFINENCE SYMMAPPECTURER.
- TO ORDERING.
- ALL APPLANCES PLUMBING FITURES & SPECIALTY EOUPMENT SHOWN
DIAGRAMMATICALLY ONLY. F NAL ARRANGEMENTS TO OWNERS REQUIREMENTS.

First Floor Plan

DESIGN:	JOB ADDRESS:	S.P:	ISSUE:	REV	DATE	DESCRIPTION		CHECKED
PROPOSED RESIDENCE	LOT 14, 155 SUZANNE RD	DP253275	C	A B	24.01.22 12.04.22	WORKING DRAWINGS SITTING	AM	JMV
FROFOSED RESIDENCE		DF233213	0		05.10.22	RFI / CLADDING AMEND TO SLITS BAL REPORT	AM	JMW
STAGED PLAN:	TALLAWANG, NSW 2852	SCALE:						
WORKING DRAWINGS		1:100@	A2					
CUBNT:	USE FIGURED DIMENSIONS AT ALL TIMES. REFER ANY ENQUIRES TO BUILDING CONTRACTOR. ALL DIMENSIONS TO BE	DWG No:	LAND AREA:					
KIRSTEN & DECLAN BOYCE	VERIFIED ON SITE PRIOR TO CONSTRUCTION, ALL WORK TO COMPLY WITH LOCAL AUTHORITY REGULATIONS.	201						

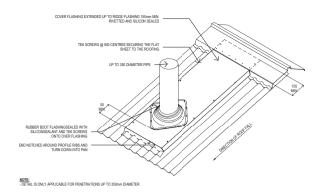




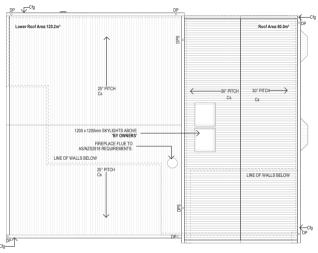












	LEGEND
25° PITCH	ROOF PITCH @ 25°
30° PITCH	ROOF PITCH @ 30°
Cfg	Colorbond Fascia & Gutter
Cs	Colorbond Steel Roofing
DP	DOWNPIPE
DPS	DOWNPIPE WITH SPREADER. To lower roof



Proposed:					
гторозец.	Single Dwelling				
	155 Suzanne Road Tallawang				
Lot No / DP:	14/253275				
Water					
Fixtures			Specification		
Shower head rati	ing		4 star (> 6 but <= 7.	5 L/min)	
Toilet rating			3 star		
Kitchen taps ratio	ne		3 star		
Bathroom taps ra			3 star		
Alternative water	r details				
Rainwater tank s	ize	Individual	100000L		
Connected to:	Garden and lawn areas		No		
	All toilets		Yes		
	Laundry		No		
Thermal Comfort	t	Accreditation Number:	HERA 10056		NatHERS Number: 0006977938-03
External walls			Requirements		
Fibro cavity pane	l direct fix		Dark colour	R2.7	Bulk + Anti-glare foil
Fibro cavity pane		Walls to ceiling	Dark colour	R5.0	Bulk insulation
Weatherboard			Dark colour	R2.7	Bulk + Anti-glare foil
Internal walls					
Cavity wall, direc	t fix plasterboard		No insulation		
Ceiling					
External ceiling -	Plasterboard		R5.0 Bulk insulation		
Internal ceiling -			No insulation		
Roof					
			Dark Colour (solar a	bsorotance of 701	
Corrugated iron					ir gap above (Anticon 75, 80mm)
					9-y
Floors					
Suspended timbe	ır		R4.5 Bulk insulation		
			NY.J DUIK INSUREDO		
Windows					
			Double air fill low e	elazing with H valu	ue 4.9 and SHGC 0.33 for Group B windows (double hung, fixed, louvres and
Aluminium frame	e ALM-004-04		sliding type window		
Downlights					
Downlight Cover	s		Approved fireproof	downlight covers n	nust be installed to all downlights in ceilings where insulation is installed.
Lighting specifica	ition		Dwelling is rated wi	thout downlight	
Overshadowing o	details		Adjoining units calc	ulated into model o	calculations
Site					
	ominal north elevation		As shown on plans		
Energy					
Hot water			Specification		Rating
Individual system	1		Solar (electric boos	ted)	Not specified
	-				···· specific
Ventilation					
Bathroom exhau	st		Individual fan, not i	ducted	
Control sw			Manual switch on/o		
Kitchen exhaust			Individual fan, not i		
Control sw	uitch		Manual switch on/o		
Laundry	******		Individual fan, not i		
Control sw	uitch		Manual switch on/o		
CONTROLS	*****		manual SWICCH ONLY	,,,	
Cooling					
Looning Individual system	or - Balan areas		Ceiling fans + 1-pha	se airmonditioning	EER 2 0 - 2 E
	is - Irving areas is - bedroom areas		Ceiling fans + 1-pha		
murviduai system	is - peuroom areas		Centrig tarts + 1-pha	- e-reundicioning	EER 3.0 - 3.3
Heating					
Heating Individual system	sr - Buing arear		Wood Heater		
Individual custom	is - Irving areas is - bedroom areas		N/A		
murridual system	is - dedroom areas		N/A		
Appliances					
			Gar cookton P -*	tric owno	
Cooktop/oven			Gas cooktop & elec	one over	
Ventilated fridge			Yes		
Private outdoor o	clothes drying line		Yes		
	sheltered clothes drying line		No		
			No		
Zoned Air-condit	noming				
Zoned Air-condit					
Coned Air-condit Alternative Energ Photovoltaic Syst	By		10kW		

LOGANHOLME, QLD 4129

Phone: +61 73806 5100

QBCC: 1511 1256

DOWNPIPES ARE TO SERVICE 12m MAXIMUM GUTTER DOWNIPPES ARE TO SERVICE 12M MAXIMUM GUTTER LENGTH & BE LOCATED AS CLOSE AS POSSIBLE TO VALLEY GUTTERS AND BE SELECTED IN ACCORDANCE WITH THE APPROPRIATE EAVES GUTTER SELECTION AS SHOWN IN (NCC VOL 2. TABLE 3.5.2.2)

GUTTERS DOWNPIPES & FLASHINGS FARRICATED WITH METAL ARE TO MEET ASINZ2179 REQUIREMENTS WHILE UPVC COMPONENTS ARE TO COMPLY WITH AS1273

ALL SARKING MATERIAL TO BE INSTALLED ACCORDING TO ALL SARKING MATERIAL TO BE INSTALLED ACCORDING TO MANUFACTURER'S INSTALLATION INSTRUCTIONS & ASINZS420 INSTALLATION OF PLIABLE MEMBRANE AND UNDERLAY (NCC VOL 2, P3.5.1(F)) & HAVE A MAXIMUM 5 FLAMMABILITY INEDX (NCC VOL 2, P3.7.1.9(A))

ANY FLEXIBLE DUCTING THAT HAS A SOURCE FROM A FLAME HAZARD MUST MEET AS4254 HAZARD PROPERTIES

DOWNPIPES ARE TO BE PROTECTED FROM POTENTIAL DOWN/FIES ARE LOSE PROLICED FOR MOTERNIA.
MECHANICAL DAMAGE, BE INSTALLED NO LESS THAN
100mm FROM ELECTRICAL CABLES & GAS PIPES & NO
LESS THAN \$50mm FROM OTHER SERVICES
(ASINZS3500.3.2 S4.11)

CONNECT STORMWATER DRAINAGE TO LEGAL POINT OF DISCHARGE TO THE SATISFACTION OF THE RESPONSIBLE LOCAL AUTHORITY

CALCULATED ROOF CATCHMENTS & ROOFING TO BE INSTALLED AS PER ASINZS3500.3

OVERFLOW MEASURERS IN ACCORDANCE WITH (NCC2016 VOL. 2 TABLE 3.5.2.4)

ROOF PLAN PROVIDED IS A GUIDE ONLY.

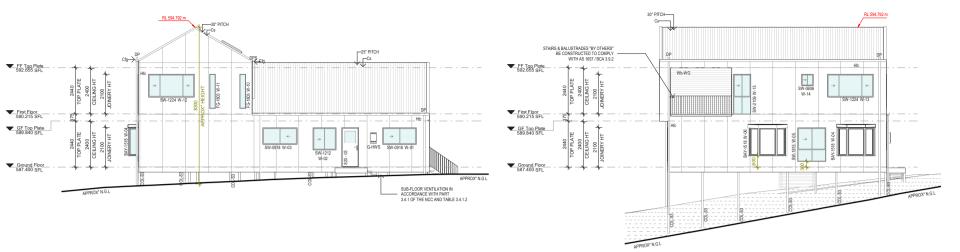
ROOF PLAN 1:100

## **Roof Plan**







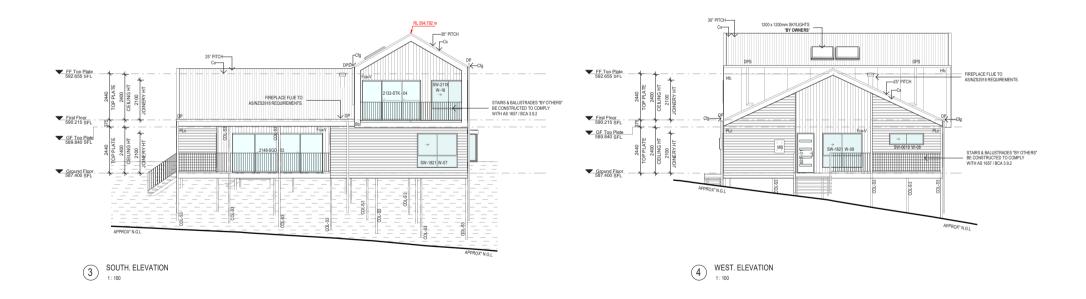


	LEGEND
25° PITCH	ROOF PITCH @ 25°
30° PITCH	ROOF PITCH @ 30°
Bbr	Hardietex Blue Board lining, Render Finish
Cfg	Colorbond Fascia & Gutter
COL-S3	COLUMN - 90x90 SHS. REFER MANU. DWG'S
Cs	Colorbond Steel Roofing
DP	DOWNPIPE
DPS	DOWNPIPE WITH SPREADER To lower roof
Fca-V	Scyon Axon Vertical Cladding
G-HWS	GAS HOT WATER SYSTEM
Hfc	James Hardie - 'Hardieflex' cladding.
MB	METER BOX
PLc	James Hardie - 'PrimeLine' Chamfer cladding.
Wb-WG	Weatherboard Cladding, Woodgrain



NORTH. ELEVATION

2 EAST. ELEVATION



### **Elevations**

ESIGN:	JOB ADDRESS:	S.P:	ISSUE:	REV	DATE		DRAWN	CHECKED
PROPOSED RESIDENCE	LOT 14, 155 SUZANNE RD	DP253275	С	B C	12.04.22	WORKING DRAWINGS SITTING SEL/CLADDING AMEND TO SUITS BAL REPORT	AM AM	JMI JMI
TAGED PLAN:	TALLAWANG, NSW 2852	SCALE:		1				
NORKING DRAWINGS		1:100@	A2					
บอก: KIRSTEN & DECLAN BOYCE	USE FIGURED DIMENSIONS AT ALL TIMES. REFER ANY  ENQUIRES TO BUILDING CONTRACTOR. ALL DIMENSIONS TO BE  VERIFIED ON SITE PRIOR TO CONSTRUCTION. ALL WORK TO  COMPLY WITH LOCAL AUTHORITY REGULATIONS.	DWG No: 300	LAND AREA:					



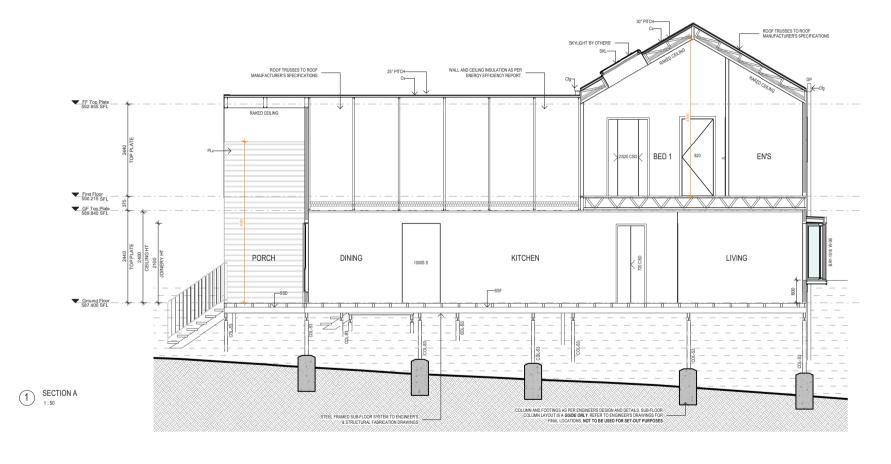
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NOTES:
- SELECTED ROOF FIXED IN ACCORDANCE WITH STRUCTURAL FABRICATION DRAWINGS.
- SOLD FAITENS FIXED IN ACCORDANCE WITH STRUCTURAL FABRICATION DRAWINGS.
- ROOF BAITENS FIXED BY ACCORDANCE WITH STRUCTURAL FABRICATION DRAWINGS.
- ROOF BAITENS AND ACCORDANCE WITH STRUCTURAL FABRICATION DRAWINGS.
- SLAB A FOOTINGS TO SIGNIFIES DETAIL.
- SLAB A FOOTINGS TO SIGNIFIES DETAIL.
- FLOORING SUBBERS TO STRUCTURAL FABRICATION DRAWINGS.
- TERMITE TREATMENT TO BE INSTALLED AS FOR MAINFACTURERS SPEC. & IN ACCORDANCE WITH AS 5806.1 BY LEGISLED SOLD TO STRUCTURE SECRET.

ALERT: THIS PROPERTY IS LOCATED IN A BUSHFIRE PRONE AREA. REFER TO BUSHFIRE REPORT FOR "BAL 29" RATING





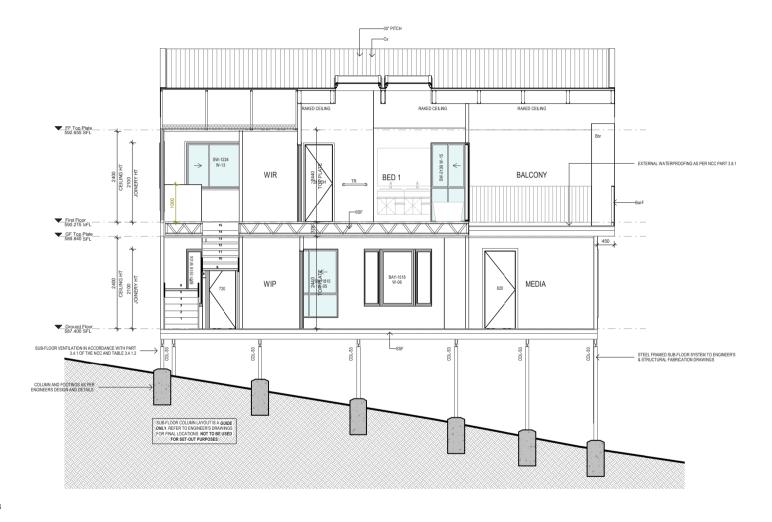


### Section

DESIGN:	JOB ADDRESS:	S.P:	ISSUE:	REV	DATE	DESCRIPTION	DRAWN	CHECKED
PROPOSED RESIDENCE	LOT 14. 155 SUZANNE RD	DP253275	C	A B	24.01.22 12.04.22	WORKING DRAWINGS SITTING	AM	JMV
PROPOSED RESIDENCE		DP253275			05.10.22	RFI / CLADDING AMEND TO SUITS BAL REPORT	AM	JMI
STAGED PLAN:	TALLAWANG, NSW 2852	SCALE:						
WORKING DRAWINGS		1:50 @ A	2					
CUENT:	USE FIGURED DIMENSIONS AT ALL TIMES. REFER ANY ENQUIRES TO BUILDING CONTRACTOR. ALL DIMENSIONS TO BE	DWG No:	LAND AREA:					
KIRSTEN & DECLAN BOYCE	VERIFIED ON SITE PRIOR TO CONSTRUCTION, ALL WORK TO COMPLY WITH LOCAL AUTHORITY REGULATIONS.	400						



ALERT: THIS PROPERTY IS LOCATED IN A BUSHFIRE PRONE AREA. REFER TO BUSHFIRE REPORT FOR "BAL 29" RATING



SECTION B

### Section

DESIGN:	JOB ADDRESS:	S.P:	ISSUE:	REV	DATE	DESCRIPTION		CHECKED
PROPOSED PEOUPENOS	LOT 44 ASS CUZANNE DD			A	24.01.22	WORKING DRAWINGS STTING	AM	JAW
PROPOSED RESIDENCE	LOT 14, 155 SUZANNE RD	DP253275	_ C	- c	05.10.22	RFI / CLADOING AMEND TO SUITS BAL REPORT	AM	JMII
STAGED PLAN:	TALLAWANG, NSW 2852	SCALE:		1				
WORKING DRAWINGS		1:50 @ A	12					
CLIENT:	USE FIGURED DIMENSIONS AT ALL TIMES. REFER ANY ENQUIRES TO BUILDING CONTRACTOR. ALL DIMENSIONS TO BE	DWG No:	LAND AREA:	1				
KIRSTEN & DECLAN BOYCE	ENQUIRES TO BLUING COUNTRACTOR ALL DIMENSIONS TO BE VERIFIED ON SITE PRIOR TO CONSTRUCTION, ALL WORK TO COMPLY WITH LOCAL AUTHORITY REGULATIONS.	401						



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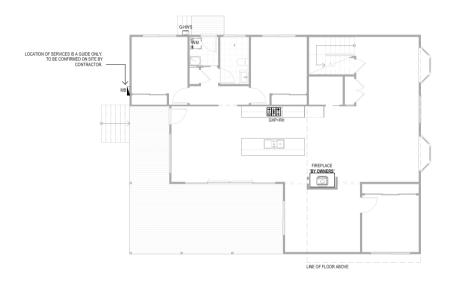
	LEGEND
30° PITCH	ROOF PITCH @ 30°
Bal-F	Feature Balustrade - (BCA Compliant)
Bbr	Hardietex Blue Board lining, Render Finish
COL-S3	COLUMN - 90x90 SHS. REFER MANU. DWG'S
Cs	Colorbond Steel Roofing
SSF	SUSPENDED STEEL FRAMED FLOOR, To Eng's Details
TR	TOWEL RAIL



ELECT	TRICAL LEGEND
(ŝ)	Smoke Detector
As	Singe Flood Light With Sensor
O>	Single Flood Light
<b>⊕</b>	Pendulum Light
+	Batten Light Fitting
(L)	LED Downlight
(F)	Fluorescent Ceiling Light
(EF)	Exhaust Fan
(EL)	Exhaust Fan with Light
$\infty$	3 in 1 Heater Fan Light
0	Wall Mounted light
=	Double Tube Fluorescent
	Single Tube Fluorescent
X	Ceiling Fan with Light (900mm minimun)
X	Ceiling Fan (900mm minimum)
$\nabla$	Single GPO
$\forall$	Double GPO
∇ <sub>CM</sub>	Ceiling Mounted GPO
	Single External GPO
$\boxtimes$	Double External GPO
-(₹	Telephone Point
<b>−</b> (₹	Data Point
- ++≥	Television Point
iso	Isolation Switch
ACC	Reverse Cycle AC Condenser
HWS	Water Heater
E	Underground Connection Point
[NTD]	NBN Network Termination Device with GPO as required
[PCD]	NBN Premises Connection Device
please 500m	ights with GPO attachments place outlet no further than m from light fitting location
	Rated Switches to Ensuite & Bathroom Switches at 1150mm AFFL
Light	Omitino di Trodilli Al LE

	LEGEND
G-HWS	GAS HOT WATER SYSTEM
GHP+RH	GAS HOT PLATE AND RANGEHOOD
MB	METER BOX
WM	WASHING MACHINE SPACE







G.F ELECTRICAL LAYOUT

F.F Electrical Plan

### NOTES:

ALL ELECTRICAL WIRING & ELECTRICAL INSTALLATIONS ARE TO COMPLY WITH ASINZS3000:2007 WIRING RULES

AIR CONDITIONING UNITS ARE TO MEET THE RELEVANT MEPs OF ASINESS823.1, ASINESS823.2 OR ASINESS823.3-2011 FOR BOTT SINGLE, AND THREE PHASE (http://www.anergyrating.gov.au)

ASINZS3000-2007 S6 2.42 REQUIRES NO ELECTRICAL SOCKET OUTLETS, SWITCHES OR ELECTRICAL ACCESSORIES TO BE INSTALLED WITHIN 300mm FROM A WET PLACE.

ALLOWANCE FOR NBN TO BE CONFIRMED

ALL ELECTRICAL DRAWINGS ARE PRELIMINARY. FINAL ARRANGEMENTS TO OWNERS REQUIREMENTS.

## **Electrical Plans**

DESIGN:	JOB ADDRESS:	S.P:	ISSUE:	REV	DATE	DESCRIPTION		CHECKED
PROPOSED RESIDENCE		DP253275	С	B C	24.01.22 12.04.22 05.10.22	WORKING ERWINGS SITTING SEL/CLADDING AMEND TO SLITS BALREPORT	AM AM	MII MII
STAGED PLAN:	TALLAWANG, NSW 2852	SCALE:						
WORKING DRAWINGS		1:100 @ A2						
KIRSTEN & DECLAN BOYCE	USE FIGURED DIMENSIONS AT ALL TIMES. REFER ANY ENQUIRES TO BULDING CONTRACTOR. ALL DIMENSIONS TO BE VERRIFED ON SITE PRIOR TO CONSTRUCTION. ALL WORK TO COMPLY WITH LOCAL AUTHORITY REGULATIONS.	DWG No: 600	LAND AREA:					



### LEGEND

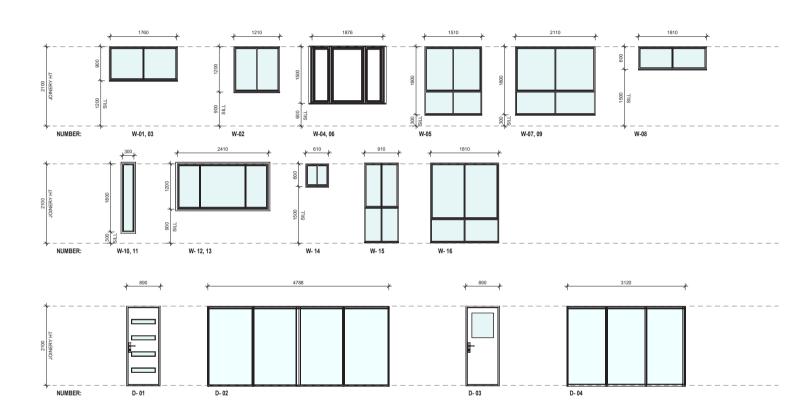
AL ALIMINIUM FRAME
CL CLEAR GLASS
BC BRUSHED CHROM
FO FINED GLASS
GL GLASS BIFLI
MF METAL FRAME
DOS OSSCURE GLASS
POF POWDERCOAT FINISH
FT TIMBER FRAME
TO TRANSLUCENT GLASS FINISH
MIRROR GLASS FINISH

ALERT: THIS PROPERTY IS LOCATED IN A
BUSHFIRE PRONE AREA. REFER TO BUSHFIRE
REPORT FOR "BAL 29" RATING

	DOOR SCHEDULE								
Mark	Type	Height	Width	Comments	Finish.	Glazing.			
01	820	2040	820	820 External Door	ALUMN.	CLEAR.			
02	2148-SGD	2100	4788	Sliding Glass Door _ XOOX	ALUMN.	CLEAR.			
03	820	2040	820	820 Third Glass Door	ALUMN.	CLEAR.			
04	2132-STK	2100	3120	Stacker Door _ XOO	ALUMN.	CLEAR.			
Grand	total: 4								

	WINDOW SCHEDULE.									
No.	Type	Height	Width	Level	Description	Finish	Glazing			
01	SW-0918	900	1810	Ground Floor	Sliding Window - XO	ALUMN.	CLEAR.			
02	SW-1212	1200	1210	Ground Floor	Sliding Window - XO	ALUMN.	CLEAR.			
03	SW-0918	900	1810	Ground Floor	Sliding Window - XO	ALUMN.	CLEAR.			
04	BAY-1518	1500	1927	Ground Floor	Bay Window	ALUMN.	CLEAR.			
05	SW-1815	1800	1510	Ground Floor	Sliding Window - XO-OO	ALUMN.	CLEAR.			
06	BAY-1518	1500	1927	Ground Floor	Bay Window	ALUMN.	CLEAR.			
07	SW-1821	1800	2110	Ground Floor	Sliding Window - XO-OO	ALUMN.	CLEAR.			
08	SW-0618	600	1810	Ground Floor	Sliding Window - XO	ALUMN.	CLEAR.			
09	SW-1821	1800	2110	Ground Floor	Sliding Window - XO-OO	ALUMN.	CLEAR.			
10	FG-1803	1800	300	First Floor	Fixed Glass - O	ALUMN.	CLEAR.			
11	FG-1803	1800	300	First Floor	Fixed Glass - O	ALUMN.	CLEAR.			
12	SW-1224	1200	2410	First Floor	Sliding Window - XOX	ALUMN.	CLEAR.			
13	SW-1224	1200	2410	First Floor	Sliding Window - XOX	ALUMN.	CLEAR.			
14	SW-0606	600	610	First Floor	Sliding Window - XO	ALUMN.	CLEAR.			
15	SW-2109	2100	910	First Floor	Sliding Window - XO-O	ALUMN.	CLEAR.			
16	SW-2118	2100	1810	First Floor	Sliding Window - XO-OO	ALUMN.	CLEAR.			





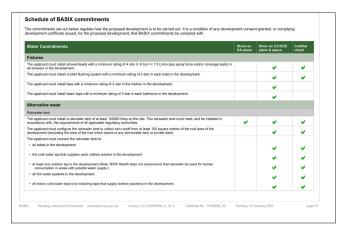
## Window & Door Schedule

DESIGN:	JOB ADDRESS:	S.P:	ISSUE:	REV	DATE	DESCRIPTION		CHECKED
PROPOSED RESIDENCE			P253275 C		24.01.22 12.04.22 05.10.22	WCRENG DRAWINGS SITTING RF1/CLADDING AMEND TO SLITS BAL REPORT	AM AM	MIII MIII
STAGED PLAN:	TALLAWANG, NSW 2852	SCALE:		1				
WORKING DRAWINGS			1:50 @ A2					
CLIENT: KIRSTEN & DECLAN BOYCE	USE FIGURED DIMENSIONS AT ALL TIMES. REFER ANY ENQUIRES TO BUILDING CONTRACTOR. ALL DIMENSIONS TO BE VERIFIED ON SITE PRIOR TO CONSTRUCTION. ALL WORK TO COMPLY WITH LOCAL AUTHORITY REGULATIONS.	DWG No: 700	LAND AREA:					

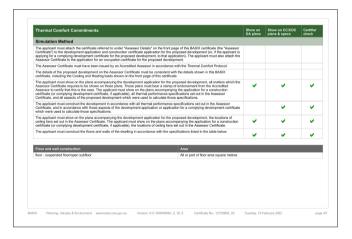


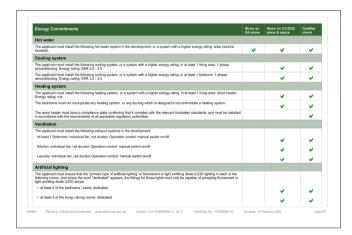












Energy Commitments	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
the kitcherr; dedicated			
all bathrooms/tollets; dedicated		Ü	
the laundry; dedicated		j	Ü
all hallways; dedicated		Ü	Ü
Natural lighting			
The applicant must install a window and/or skylight in 3 bathroom(s)/bollet(s) in the development for natural lighting.		~	_
Alternative energy			
The applicant must install a photovoltaic system with the capacity to generate at least 10 peak kilowatts of electricity as part of the development. The applicant must connect this system to the development's electrical system.	-	~	~
Other			
The applicant must install a gas cooktop & electric oven in the kitchen of the dwelling.		v	
The applicant must construct each refrigerator space in the development so that it is "well ventilated", as defined in the BASIX definitions.		~	
The applicant must install a fixed outdoor clothes drying line as part of the development.		~	

## **BASIX Requirments**

DESIGN:	JOB ADDRESS:	S.P:	ISSUE:	REV	DATE	DESCRIPTION		CHECKED
		l	_	0	12.04.22	SITING	AM	JMW
		DP253275	C	C	05.10.22	RFI / CLADDING AMEND TO SUITS BAL REPORT	AM	JMV
STAGED PLAN:	TALLAWANG, NSW 2852							
WORKING DRAWINGS								
CUENT:	USE FIGURED DIMENSIONS AT ALL TIMES, REFER ANY ENQUIRES TO BUILDING CONTRACTOR, ALL DIMENSIONS TO BE	DWG No:	LAND AREA:					
KIRSTEN & DECLAN BOYCE	VERIFIED ON SITE PRIOR TO CONSTRUCTION, ALL WORK TO COMPLY WITH LOCAL AUTHORITY REGULATIONS.	800						

