IDAS form 1—Application details

(Sustainable Planning Act 2009 version 4.3 effective 5 December 2016)

This form must be used for ALL development applications.

You MUST complete ALL questions that are stated to be a mandatory requirement unless otherwise identified on this form.

For all development applications, you must:

- complete this form (IDAS form 1—Application details)
- complete any other forms relevant to your application
- provide any mandatory supporting information identified on the forms as being required to accompany your application.

Attach extra pages if there is insufficient space on this form.

All terms used on this form have the meaning given in the Sustainable Planning Act 2009 (SPA) or the Sustainable Planning Regulation 2009.

This form and any other IDAS form relevant to your application must be used for development applications relating to strategic port land and Brisbane core port land under the *Transport Infrastructure Act* 1994 and airport land under the *Airport Assets (Restructuring and Disposal) Act* 2008. Whenever a planning scheme is mentioned, take it to mean land use plan for the strategic port land, Brisbane core port land or airport land.

PLEASE NOTE: This form is not required to accompany requests for compliance assessment.

Mandatory requirements

Applicant details (Note: the applicant is the person responsible for making the application and need not be the owner of the land. The applicant is responsible for ensuring the information provided on all IDAS application forms is correct. Any development permit or preliminary approval that may be issued as a consequence of this application will be issued to the applicant.)

Name/s (individual or company name in full)	N	ostron 1	var-RI			
For companies, contact name						
Postal address	P.O. BOX 1334-					
	Suburb	mossimo	J			
	State	R	Postcode	4873		
	Country					
Contact phone number	0	4389840	251			
Mobile number (non-mandatory requirement)	4.					
Fax number (non-mandatory requirement)						



Department of Infrastructure, Local Government and Planning

En	mail address (non-mandatory requirement)	INFO 2 - March 10							
		nathonverry, com. au							
	pplicant's reference number (non-mandatory quirement)								
1,	1. What is the nature of the development proposed and what type of approval is being sought?								
Tal	Table A—Aspect 1 of the application (If there are additional aspects to the application please list in Table B—Aspect 2.)								
a)	What is the nature of the development? (Please of	only tick one box,}							
	Material change of use Reconfiguring	a lot Building work Operational work							
b)	What is the approval type? (Please only tick one	box.)							
	Preliminary approval Preliminary ap under s241 of SPA under s241 a of SPA								
c)	Provide a brief description of the proposal, includ applicable (e.g. six unit apartment building define	ing use definition and number of buildings or structures where d as a <i>multi-unit dwelling</i> , 30 lot residential subdivision etc.)							
	DWELLING	A Pool							
d)	What is the level of assessment? (Please only tick	: one box.)							
:	Impact assessment Code assessm	rent							
	able B—Aspect 2 of the application (If there are addi Iditional aspects of the application.)	tional aspects to the application please list in Table C—							
a)	What is the nature of development? (Please only	tick one box.)							
	Material change of use Reconfiguring	a lot Derational work Operational work							
b)	What is the approval type? (Please only tick one I	box.)							
	Preliminary approval Preliminary ap under s241 of SPA under s241 ar of SPA								
c)	c) Provide a brief description of the proposal, including use definition and number of buildings or structures where applicable (e.g. six unit apartment building defined as a <i>multi-unit dwelling</i> , 30 lot residential subdivision etc.)								
ď)	What is the level of assessment?								
	Impact assessment Code assessment	ient							
	ble C—Additional aspects of the application (If there parate table on an extra page and attach to this form	are additional aspects to the application please list in a n.)							
	Refer attached schedule Not required								

2. Location of the premises (Complete Table D and/or Table E as applicable. Identify each lot in a separate row.)

Table D—Street address and lot on plan for the premises or street address and lot on plan for the land adjoining or adjacent to the premises (Note: this table is to be used for applications involving taking or interfering with water.) (Attach/a separate schedule if there is insufficient space in this table.)

Street address and lot on plan (All lots must be listed.)

Street address and lot on plan for the land adjoining or adjacent to the premises (Appropriate for development in water but adjoining or adjacent to land, e.g. jetty, pontoon. All lots must be listed.)

Street address			Lot on plan description		Local government area		
Lot	Unit no.	Street no.	Street name and official suburb/ locality name	Post- code	Lot no.	Plan type and plan no.	(e.g. Logan, Cairns)
i)			THOMSON LOW	4872	16	SP	Douguns
ii)			DRIVE			192599	SHIPE
iii)			SHANNONVAUE				LOUNCIL

Planning scheme details (if the premises involves multiple zones, clearly identify the relevant zone/s for each lot in a separate row in the below table. Non-mandatory)

Lot	Applicable zone / precinct	Applicable local plan / precinct	Applicable overlay/s
i)			
ii)			
lii)			

Table E—Premises coordinates (Appropriate for development in remote areas, over part of a lot or in water not adjoining or adjacent to land e.g. channel dredging in Moreton Bay.) (Attach a separate schedule if there is insufficient space in this table.)

Coordinates (Note: place each set of coordinates in a separate row)		Zone reference	Datum	Local government area (if applicable)		
Easting	Northing	Latitude	Longitude			
					GDA94 WGS84 other	

3. Total area of land on which the development is proposed (indicate square metres)

ACRE

4. Current use/s of the premises (e.g. vacant land, house, apartment building, cane farm etc.)

VACANT

5. Are there any current approvals (e.g. a preliminary approval) associated with this application? (Non- mandatory requirement)
No Yes-provide details below
List of approval reference/s Date approved (dd/mm/yy) Date approval lapses (dd/mm/yy)
6. Is owner's consent required for this application? (Refer to notes at the end of this form for more information.
Yes—complete either Table F, Table G or Table H as applicable
Table F
Name of owner/s of the land KAYE PRIEM AND PETER PRIEM
I/We, the above-mentioned owner/s of the land, consent to the making of this application.
Signature of owner/s of the land Raye Priem Priem
Date 18th January 2017
Table G
Name of owner/s of the land
The owner's written consent is attached or will be provided separately to the assessment manager.
Table H
Name of owner/s of the land
By making this application, I, the applicant, declare that the owner has given written consent to the making of the application.
7. Identify if any of the following apply to the premises (Tick applicable box/es.)
Adjacent to a water body, watercourse or aquifer (e.g. creek, river, lake, canal)-complete Table I
On strategic port land under the Transport Infrastructure Act 1994—complete Table J
In a tidal water area—complete Table K
On Brisbane core port land under the Transport Infrastructure Act 1994 (No table requires completion.)
On airport land under the Airport Assets (Restructuring and Disposal) Act 2008 (no table requires completion)
Listed on either the Contaminated Land Register (CLR) or the Environmental Management Register (EMR) under the Environmental Protection Act 1994 (no table requires completion)
Table I
Name of water body, watercourse or aquifer

Table J			
Lot on plan description for strategic port land	1	Port author	ority for the lot
Table K			
Name of local government for the tidal area ((if applicable)	Port autho	prity for the tidal area (if applicable)
8. Are there any existing easements o water etc)		e.g. for vehic	
No Z Yes-ensure the type, loca	ation and dimension	i of each ea	sement is included in the plans submitted
9. Does the proposal include new buil services)	ding work or oper		k on the premises? (Including any
No Yes-ensure the nature, lo	cation and dimensi	on of propos	sed works are included in plans submitted
10. Is the payment of a portable long se end of this form for more information.)	ervice leave levy aj	177 181 A. M.	• this application? (Refer to notes at the
No-go to question 11 Yes			
10a. Has the portable long service leave information.)	levy been paid? (F		es at the end of this form for more
No			
Yes—complete Table L and submit, wit accepted QLeave form	h this application, t	ne local gov	ernment/private certifier's copy of the
Table L			
Amount paid		ate paid id/mm/yy)	QLeave project number (6 digit number starting with A, B, E, L, P or S)
11. Has the local government agreed to	apply a supersed	ed planning	scheme to this application under
section 96 of the Sustainable Planni	ing Act 2009?		
No No			
Yes-please provide details below			
Name of local government	Date of written no by local governme (dd/mm/yy)		Reference number of written notice given by local government (if applicable)

.

escription of attachment or title of attachment	Method of lodgement to assessment manager
FORMS 1 #2	······

By making this application, I declare that all information in this application is true and correct (Note: it is unlawful to provide false or misleading information)

Notes for completing this form

• Section 261 of the Sustainable Planning Act 2009 prescribes when an application is a properly-made application. Note, the assessment manager has discretion to accept an application as properly made despite any noncompliance with the requirement to provide mandatory supporting information under section 260(1)(c) of the Sustainable Planning Act 2009

Applicant details

· Where the applicant is not a natural person, ensure the applicant entity is a real legal entity.

Question 1

Schedule 3 of the Sustainable Planning Regulation 2009 identifies assessable development and the type of
assessment. Where schedule 3 identifies assessable development as "various aspects of development" the
applicant must identify each aspect of the development on Tables A, B and C respectively and as required.

Question 6

Section 263 of the Sustainable Planning Act 2009 sets out when the consent of the owner of the land is required for an application. Section 260(1)(e) of the Sustainable Planning Act 2009 provides that if the owner's consent is required under section 263, then an application must contain, or be accompanied by, the written consent of the owner, or include a declaration by the applicant that the owner has given written consent to the making of the application. If a development application relates to a state resource, the application is not required to be supported by evidence of an allocation or entitlement to a state resource. However, where the state is the owner of the subject land, the written consent of the state, as landowner, may be required. Allocation or entitlement to the state resource is a separate process and will need to be obtained before development commences.

Question 7

 If the premises is listed on either the Contaminated Land Register (CLR) or the Environmental Management Register (EMR) under the *Environmental Protection Act 1994* it may be necessary to seek compliance assessment. Schedule 18 of the Sustainable Planning Regulation 2009 identifies where compliance assessment is required.

Question 10

- The Building and Construction Industry (Portable Long Service Leave) Act 1991 prescribes when the portable long service leave levy is payable.
- The portable long service leave levy amount and other prescribed percentages and rates for calculating the levy are prescribed in the Building and Construction Industry (Portable Long Service Leave) Regulation 2013.

Question 10a

- The portable long service leave levy need not be paid when the application is made, but the Building and Construction Industry (Portable Long Service Leave) Act 1991 requires the levy to be paid before a development permit is issued.
- Building and construction industry notification and payment forms can be completed on the QLeave website at www.qleave.qld.gov.au. For further information contact QLeave on 1800 803 481.

Privacy—The information collected in this form will be used by the Department of Infrastructure, Local Government and Planning (DILGP), assessment manager, referral agency and/or building certifier in accordance with the processing and assessment of your application. Your personal details should not be disclosed for a purpose outside of the IDAS process or the provisions about public access to planning and development information in the *Sustainable Planning Act 2009*, except where required by legislation (including the *Right to Information Act 2009*) or as required by Parliament. This information may be stored in relevant databases. The information collected will be retained as required by the *Public Records Act 2002*.

OFFICE USE ONLY Date received Reference numbers

NOTIFICATION OF ENGAGEMENT OF A PRIVATE CERTIFIER

То		Council. I have been engaged as the private certifier for the
		building work referred to in this application
	k omon 1020 m n n n n n n n n n n n n n n n n n n 	

Date of engagement	Name	BSA Certification license number	Building classification/s

QLEAVE NOTIFICATION AND PAYMENT (For completion by assessment manager or private certifier if applicable.)

Description of the work	QLeave project number	Amount paid (\$)	Date paid	Date receipted form sighted by assessment manager	Name of officer who sighted the form

The Sustainable Planning Act 2009 is administered by the Department of Infrastructure, Local Government and Planning. This form and all other required application materials should be sent to your assessment manager and any referral agency.

IDAS form 5—Material change of use assessable against a planning scheme

(Sustainable Planning Act 2009 version 3.1 effective 3 August 2015)

This form must be used for development applications for a material change of use assessable against a planning scheme.

You MUST complete ALL questions that are stated to be a mandatory requirement unless otherwise identified on this form.

For all development applications, you must:

- complete IDAS form 1—Application details
- complete any other forms relevant to your application
- provide any mandatory supporting information identified on the forms as being required to accompany your application.

Attach extra pages if there is insufficient space on this form.

All terms used on this form have the meaning given in the Sustainable Planning Act 2009 (SPA) or the Sustainable Planning Regulation 2009.

This form must also be used for material change of use on strategic port land and Brisbane core port land under the Transport Infrastructure Act 1994 and airport land under the Airport Assets (Restructuring and Disposal) Act 2008 that requires assessment against the land use plan for that land. Whenever a planning scheme is mentioned, take it to mean land use plan for the strategic port land, Brisbane core port land or airport land.

Mandatory requirements

 Describe the proposed use. (Note: this is to provide additional detail to the information provided in question 1 of IDAS form 1—Application details. Attach a separate schedule if there is insufficient space in this table.)

General explanation of the proposed use	Planning scheme definition (include each definition in a new row) (non-mandatory)	No. of dwelling units (if applicable) or gross floor area (if applicable)	Days and hours of operation (if applicable)	No. of employees (if applicable)
PROPOSED DWELLING	House			

2.

Are there any current approvals associated with the proposed material change of use? (e.g. a preliminary approval.)

1 No

Yes-provide details below

List of approval reference/s	Date approved (dd/mm/yy)	Date approval lapses (dd/mm/yy)
		······································



The reuse of existing buildings on the premises	No No	Yes	·
New building work on the premises	No	Yes	
The reuse of existing operational work on the premises	No No	Yes	
New operational work on the premises	No No	Yes	

4. Confirm that the following mandatory supporting information accompanies this application

Mandatory supporting information	Confirmation of lodgement	Method of lodgement
All applications		
A site plan drawn to an appropriate scale (1:100, 1:200 or 1:500 are recommended scales) which shows the following:	Confirmed	
 the location and site area of the land to which the application relates (<i>relevant land</i>) the north point the boundaries of the relevant land any road frontages of the relevant land, including the name of the road the location and use of any existing or proposed buildings or structures on the relevant land (note: where extensive demolition or new buildings are proposed, two separate plans [an existing site plan and proposed site plan] may be appropriate) any existing or proposed easements on the relevant land and their function the location and use of buildings on land adjoining the relevant land all vehicle access points and any existing or proposed car parking areas on the relevant land. Car parking spaces for persons with disabilities and any service vehicle access and parking should be clearly marked for any new building on the relevant land, the location of refuse storage the location of any proposed landscaping on the relevant land and their height 		
A statement about how the proposed development addresses the local government's planning scheme and any other planning instruments or documents relevant to the application.	Confirmed	
A statement about the intensity and scale of the proposed use (e.g. number of visitors, number of seats, capacity of storage area etc.).		
Information that states:		
 the existing or proposed floor area, site cover, maximum number of storeys and maximum height above natural ground level for existing or new buildings (e.g. information regarding existing buildings but not being reused) 	Not applicable	
 the existing or proposed number of on-site car parking bays, type of vehicle cross-over (for non-residential uses) and vehicular servicing arrangement (for non-residential uses). 		

A statement addressing the relevant part(s) of the State Development Assessment Provisions (SDAP).	☐ ©onfirmed ☑ Not applicable			
When the application involves the reuse of existing buildings				
Plans showing the size, location, existing floor area, existing site cover, existing maximum number of storeys and existing maximum height above natural ground level of the buildings to be reused.	Confirmed Not applicable			
When the application involves new building work (including extensions)	<i></i>			
Floor plans drawn to an appropriate scale (1:50, 1:100 or 1:200 are recommended scales) which show the following:	Confirmed			
 the north point the intended use of each area on the floor plan (for commercial, industrial or mixed use developments only) the room layout (for residential development only) with all rooms clearly labelled the existing and the proposed built form (for extensions only) the gross floor area of each proposed floor area. 				
Elevations drawn to an appropriate scale (1:100, 1:200 or 1:500 are recommended scales) which show plans of all building elevations and facades, clearly labelled to identify orientation (e.g. north elevation)	Confirmed			
Plans showing the size, location, proposed site cover, proposed maximum number of storeys, and proposed maximum height above natural ground level of the proposed new building work.	Confirmed Not applicable			
When the application involves reuse of other existing work				
Plans showing the nature, location, number of on-site car parking bays, existing area of landscaping, existing type of vehicular cross-over (non- residential uses), and existing type of vehicular servicing arrangement (non- residential uses) of the work to be reused.	Confirmed Not applicable			
When the application involves new operational work				
Plans showing the nature, location, number of new on-site car parking bays, proposed area of new landscaping, proposed type of new vehicle cross-over (non-residential uses), proposed maximum new vehicular servicing arrangement (non-residential uses) of the proposed new operational work.	Confirmed Not applicable			

Privacy-Please refer to your assessment manager, referral agency and/or building certifier for further details on the use of information recorded in this form.

OFFICE USE ONLY

Date received

Reference numbers

The Sustainable Planning Act 2009 is administered by the Department of Infrastructure, Local Government and Planning. This form and all other required application materials should be sent to your assessment manager and any referral agency.

GMA Certification Group Pty Ltd BUILDING SURVEYORS

Queensland's leaders in Building Certification Services

17 January 2017

The Chief Executive Officer Douglas Shire Council PO Box 723 MOSSMAN Q 4873

Attention: Development Assessment

Dear Sir/Madam,

Re: Material Change of Use Lot 16 SP192599 Thomson Low Drive, Shannonvale

GMA Certification Group has been engaged to assess an application for the construction of a dwelling on the abovementioned allotment. A preliminary assessment of the proposal has revealed the property is zoned Rural Settlement under the Douglas Shire Planning Scheme.

Accordingly, the application for Material Change of Use is enclosed for Council's assessment, which includes:

- 1. Forms 1 & 5
- 2. Planning Assessment, &
- 3. 1 x copy of plans

A waste water assessment will be forwarded under separate cover when received.

Should you require any further information or wish to discuss the application, please contact me on 4098 5150 or by email jevans@gmacert.com.au

Kind Regards,

of Frans

GMA Certification Group Encl.

BUILDING CERTIFICATION

(07) 4091 4196





PORT DOUGLAS OFFICE

PHONE: (07) 4098 5150 FAX: (07) 4098 5180

Lot 9 Unit 5 Craiglie Business Park Owen Street CRAIGLIE QLD 4877

POSTAL: P.O. Box 831, PORT DOUGLAS QLD 4877

E-Mail: adminpd@gmacert.com.au Web: <u>www.gmacert.com.au</u>



Planning Report

Application for a Development Permit for a Material Change of Use for the purpose of a Dwelling on land described as

Lot 16 on SP192599 Thomson Low Drive, Shannonvale

January 2017

1.0 Application Details

Table 1. Summary of relevant details of the application.

Applicant	Kay & Peter Priem	
Registered Owner of Land	Kay & Peter Priem	
Contact	Jeff Evans	
	GMA Certification Group Pty Ltd	
	PO Box 831	
	PORT DOUGLAS Q 4877	
	Ph 07 4098 5150	
	Fax 07 4098 5180	
	Email Jevans@gmacert.com.au	
Real Property Description	Lot 16 SP192599	
Location	Thomson Low Drive, Shannonvale	
Tenure	Free Hold	
Total Area	7638 sqm	
Present Use	Vacant	
Contaminated Lands or Environmental	Nil	
Management Registers		
Easements and Encumbrances	None	
Proposal	Development Permit for a Material Change of Use for a	
	Dwelling	
Local Government Authority	Douglas Shire Council	
Planning Scheme	2008 Douglas Shire Planning Scheme	
Planning Area	Rural Settlement	
Overlays	Medium Bushfire Risk	

2.0 Proposed Development

The application seeks a Development Permit for a Material Change of Use for the purpose of a Dwelling on the subject allotment.

The attached plans illustrate:

- Site plan, indicating the location of the proposed dwelling; and,
- Architectural plans including floor plans and elevations.

3.0 Level of Assessment

The proposed development is 'assessable development' under the Douglas Shire Planning Scheme and as defined in the Sustainable Planning Act, 2009 [SPA].

Under the provisions of the SPA and the Douglas Shire Planning Scheme, the following level of assessment is applicable, in accordance with the IDAS process:

• 'Code Assessable" – Material Change of Use for the purpose of a house within the Rural Settlement locality.

4.0 Planning Considerations

The Sustainable Planning Act 2009, provides a legislative framework within Queensland for local and state authorities to assess development applications. Relevant matters within the SPA with respect to the application are considered below.

4.1 Douglas Shire Planning Scheme Code Assessment

Table 3 provides an assessment of the proposal with regard to the Douglas Shire Planning Scheme's associated Codes. The proposal generally complies with the Acceptable Solutions of the Scheme.

Table 3. Assessment Against the Douglas Shire Planning Scheme Codes

Rural Areas and Rural Settlement Locality Code

General Requirements

	PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
P1	Buildings and structures complement the Height of surrounding development and are subservient to the surrounding environment and are in keeping with the unique character of the Locality.	A1.1 In all Planning Areas in this Locality the maximum Height of Buildings/structures is 6.5 metres and 2 Storeys. In addition, the roof or any ancillary roof features do not exceed a maximum Height of 3.5 metres.	The maximum height of the proposed single storey dwelling is approximately 4.5m from natural ground level.
P2	Development is connected to all urban services or to sustainable on site infrastructure.	A2.1 Development is connected to available urban services by underground connections, wherever possible. AND/OR	Power, water and telecommunications services will be provided to the dwelling.
		Contributions are paid when applicable in accordance with the requirements of Planning Scheme Policy No 11 – Water Supply and Sewerage Headworks and Works External Contributions.	N/A
		OR	
		Water storage tank/s with a minimum capacity of not less than 30 000 litres to service the proposed use, including fire fighting capacity and Access to the tank/s for fire trucks. Tank/s to be fitted with a 50 mm ball valve with a camlock fitting and installed and connected prior to occupation and screened with Dense Planting.	Water storage, shown on plan will be in excess of 30,000 litres.
		AND An environmentally acceptable and energy efficient power supply is constructed and connected prior to occupation and sited so as to be visually unobtrusive.	N/A
		AND On-site sewerage facilities are provided in accordance with the On- site Sewerage Code and screened with Dense Planting.	A compliance permit will be issued by Council prior to the issue of the Development permit for Building Work.

Р3	Landscaping of development Sites complements the existing rural character of the Locality.	A3.1 Landscaping incorporates the requirements of Planning Scheme Policy No 7 – Landscaping with particular emphasis on appropriate species for this Locality	Landscaping shall be provided over time while the owners reside on the property.
		AND A minimum of 60%of the total proposed species are endemic or native species.	
P4	Development Sites are provided with efficient and safe vehicle Access and manoeuvring areas on Site and to the Site, to an acceptable standard for the Locality.	A4.1 All Roads, driveways and manoeuvring areas on Site and adjacent to the Site are designed and maintained to comply with the specifications set out in the Planning Scheme Policy No 6 – FNQROC Development Manual.	An additional compliant cross-over will be installed providing access to the property and the on-site driveways will be gravel.

Protecting Rural/Rural Settlement Amenity – General

	PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
P5	Industrial development in a rural area relies on or has a strong nexus with the primary rural activity undertaken on Site or in the surrounding area.	A5.1 Any industrial development is limited to rural industrial activities which, by necessity, are related to primary industries in the surrounding area and require a rural location and where an urban location is inappropriate.	None proposed.
P6	Any community facilities or service infrastructure located in a rural area or rural settlement areas are sited to protect the general amenity and the visual amenity of the surrounding rural area/rural settlement area.	 A6.1 Community facilities are only sited in a rural area or a rural settlement area by necessity and where an urban location is inappropriate. A6.2 Community facilities are screened from adjacent Roads by landscape buffers of Dense Planting a minimum of 5 metres in width. AND All side and rear boundaries are provided with Dense Planting for a minimum width of 1.5 metres. 	N/A
P7	Rural settlement areas are visually unobtrusive in the rural landscape to protect the integrity of the rural areas as a dominant landscape element of high quality.	 A7.1 The old Rocky Point School Site is developed for residential purposes in accordance with the following: reconfiguration is in accordance with the Rural Settlement Planning Area requirements specified in Table 1 of the Reconfiguring a Lot Code and all the relevant requirements of the Reconfiguring a Lot Code, taking account of the existing topography of the Site. 	N/A

		AND	
		The remnant vegetation on the western boundary of the Site is dedicated as public park.	
P8	Areas at Rocky Point included in the Residential 1 Planning Area	A8.1 The minimum lot size in this area is 3500 m2.	N/A
	maintain the integrity of the dominant landscape qualities of	AND	
	the area and ensure safe Access onto Mossman-Daintree Road.	Any proposed reconfiguration of existing lots in this area only occurs utilising the Access driveway servicing the existing lot, by including reciprocal Access easements over the existing Access driveway for any additional lots.	
		A8.2 Any new lots are included in a Designated Development Area (DDA) identified on the proposal plan of reconfiguration and ultimately, on the registered survey plan.	
		A8.3 Development located within a Designated Development Area is sited where Clearing is limited to a maximum area of 800 m2 of the Site or 4% Site Coverage of the Site, whichever is the lesser. (The 800m2 area of Clearing does not include an access driveway.)	
		OR, ALTERNATIVELY	
		If a greater part of the Site is to be cleared, that part of a Site not cleared is to be included in a Conservation Covenant to protect the integrity of the natural environment.	
		A8.4 Clearing is limited to the DDA and the DDA is sited on that part of the lot which is least constrained by slope, vegetation or Access constraints, and does not require extensive cut and fill and/or complex geotechnical solutions.	
		A8.5 The DDA is sited so that the development of a House does not obstruct the views from any adjacent existing Houses.	
		AND	
		Ensures the new House is not visually prominent from adjacent public viewing points, such as Mossman- Daintree Road and Rocky Point.	

P9	Development of Lot 32 on RP 850495, Vixies Road, Wonga Beach is connected to urban services.	A9.1 Any future reconfiguration of Lot 32 on RP 850495 for Rural Settlement purposes only occurs in association with connection to reticulated sewerage and water supply servicing Wonga Beach.	N/A
P10	The development of part of Lots 10 and 11 on SP 132055 for residential purposes is undertaken to protect the environmental values of the site and the scenic amenity of the local area.	A10.1 Residential development occurs on the more gently sloping part of the site, elevated above the steep bank adjacent to Mossman- Daintree Road. AND The area appropriate for residential development is determined on the basis of contour and vegetation surveys of the site. AND Only one access point from the site to the State-Controlled Road is permitted. AND At reconfiguration stage a broad vegetation screen is provided along the elevated frontage of the site to the Mossman-Daintree Road so that the residential development is screened from the road. AND The balance of the site is protected from clearing to maintain the forested mountain landscape and no further reconfiguration of the balance area occurs.	N/A

Protection of Scenic Amenity and Natural Values

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
P11 Development does not adversely impact on areas of sensitive natural vegetation, foreshore areas, Watercourse and areas of tidal inundation which contribute to the Scenic Amenity and natural values of the Locality.	No Acceptable Solution. (Information that the Council may request to demonstrate compliance with the Performance Criteria is outlined in Planning Scheme Policy No 10 – Reports and Information the Council May Request, for code and impact assessable development).	N/A

Indigenous Interests

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
5 5	A12.1 Development is consistent with any ILUA relating to the land and the relevant provisions of the Planning Scheme.	N/A

Landscaping Code

Landscape Design

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
P1 Landscape design satisfies the purpose and the detailed requirements of this Code.	A1.1 Landscaping is undertaken in accordance with a Landscape Plan drawn to scale which complies with and illustrates all the relevant requirements of this Code and Planning Scheme Policy No 7 – Landscaping. AND	Landscaping shall be provided over time while the owners reside on the property.
	Landscaping is maintained in accordance with the requirements specified in this Code and Planning Scheme Policy No 7 – Landscaping.	

Landscape Character and Planting

	PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
P2	Landscaping contributes to a sense of place, is functional to the surroundings and provides dominant visual interest and form.	 A2.1 A minimum of 80% of the proposed landscape area is open to the sky for sunlight and ventilation. A2.2 The percentage of native or endemic species utilised in the Landscaping is as specified in the Locality Code. 	Landscaping shall be provided over time while the owners reside on the property.
		OR	
		Where not specified in the Locality Code, in accordance with Planning Scheme Policy No. 7 – Landscaping.	
		A2.3 Landscaping includes planting layers comprised of canopy, middle storey, screening and groundcovers,	

		with palm trees used as accent plants only.	
Р3	Landscaping is consistent with the existing landscape character of the	A3.1 Existing native vegetation on Site is retained and incorporated into the Site design, wherever possible.	There is currently no vegetation on-site.
	area and native vegetation existing on the Site is to be retained wherever possible and integrated with new Landscaping.	A3.2 Any mature vegetation on the Site which is removed or damaged during development of the Site is replaced with advanced native species.	
		A3.3 Where there is an existing landscape character in a street or locality which results from existing vegetation, similar species are planted on Site or on the street.	
		A3.4 Street trees are 100% native species which enhance the landscape character of the streetscape, with species chosen from the Plant Species Schedule in Planning Scheme Policy No 7 – Landscaping.	
Ρ4	Plant species are selected with consideration to the scale and form of development, screening, buffering, streetscape, shading and the locality of the area.	A4.1 Species are selected in accordance with the Plant Species Schedule in Planning Scheme Policy No 7 – Landscaping.	N/A
Ρ5	Shade planting is provided in car parking areas where uncovered or open, and adjacent to driveways and internal Roadways.	A5.1 Where car parking areas are uncovered or open, shade trees are planted at regular intervals (a minimum of 1 shade tree is provided for every 5 car parks) throughout the car parking areas, and adjacent to driveways and internal Roadways.	N/A
		A5.2 A minimum of 1 shade tree is provided for every 10 metres along a driveway or internal Roadway.	
		A5.3 Landscape beds and trees are protected by garden edging, bollards or wheel stops.	
		A5.4 Trees within car parking areas have a minimum planting area the equivalent of 1 car parking bay, with a minimum topsoil depth of 0.8 metre.	

Screening

F	PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
P6	Fences along street Frontages are articulated with appropriate Landscaping.	 A6.1 Perimeter fencing to any street Frontage complies with the relevant Planning Area Code. A6.2 Trees, shrubs and groundcovers are planted within any recessed areas along the fence line. 	No additional fencing is proposed at this time.
P7	Landscaping within Recreation Areas of residential development are functional, well designed and enhance the residential amenity.	 A7.1 One shade tree is provided for each private open space or private Recreation Area. A7.2 Tree species provide 30% shade over the area within 5 years. A7.3 A minimum of 50% of the Landscaping and Recreational Area is landscaped, with trees, shrubs, groundcovers, minimising large expanses of hardstand areas and structures. A7.4 Plants are located to provide shelter and shade to Habitable Rooms and outdoor Recreation Areas from the hot summer sun. 	N/A
P8	Undesirable features are screened with Landscaping.	A8.1 Landscaping of Dense Planting is planted along and near retaining walls, long blank walls of Buildings, mechanical and air-conditioning units, clothes drying areas, bin enclosures and other utility structures with appropriate trees, shrubs and groundcovers.	Landscaping shall be provided over time while the owners reside on the property.
P9	The environmental values of the Site and adjacent land are enhanced.	A9.1 Landscaping using similar endemic or native species, is planted on-Site on land adjoining an area of natural environmental value.	N/A

Streetscape and Site Amenity

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
		Landscaping shall be provided over time while the owners reside on the property.

[]	within E years of planting:]
	within 5 years of planting;	
	 landscape screening of blank walls; 	
	 low shrubs, groundcovers and mulch to completely cover unsealed ground. 	
	A10.2 Dense Planting to the rear of the Site incorporates:	
	• 1 shade tree for an average of every 75 m2, growing to the Building eave Height within 5 years of planting;	
	 screening shrubs to grow to 3 metres in Height within 2 years of planting; 	
	 low shrubs, groundcovers and mulch to completely cover unsealed ground. 	
	A10.3 Dense Planting to the side boundaries incorporates:	
	 trees planted for an average of every 10 metres where adjacent to a Building; 	
	 low shrubs, groundcovers and mulch to completely cover unsealed ground. 	
P11 Landscaping for non- residential development enhances the streetscape and the visual appearance	A11.1 Dense Planting along the front boundary of the Site where a Building is Setback from the front alignment, incorporates:	Landscaping shall be provided over time while the owners reside on the property.
of the development.	 shade canopy trees to provide shade to the Frontage of the Site within 5 years of planting where appropriate; 	
	 landscape screening of blank walls; 	
	 low shrubs, groundcovers and mulch to completely cover unsealed ground. 	
	A11.2 Dense Planting to the rear of the Site where a Building is Setback from the rear alignment, incorporates:	
	• 1 shade tree for an average of every 75 m2 growing to the Building eave Height within 5 years of planting;	

 screening shrubs to grow to 3 metres in Height within 2 years of planting; 	
• low shrubs, groundcovers and mulch to completely cover unsealed ground.	
A11.3 Dense Planting to the side boundaries where visible from the street or adjoining a boundary to a different Planning Area, and where a Building is Setback from the side boundary, incorporates:	
• trees planted for an average of every 10 metres where adjacent to a Building;	
• screening shrubs, low shrubs and groundcover appropriate for the amount of space, light and ventilation of the area;	
 low shrubs, groundcovers and mulch to completely cover unsealed ground. 	
A11.4 A minimum of 20% of shade trees and shrubs is incorporated in all areas of Landscaping growing to the Building eave Height within 5 years.	

Maintenance and Drainage

P	PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
P12	Landscaped areas are designed in order to be maintained in an efficient manner.	A12.1 A maintenance program is undertaken in accordance with the Maintenance Schedule in Planning Scheme Policy No 7 – Landscaping.	Landscaping shall be provided over time while the owners reside on the property.
		A12.2 A reticulated irrigation system is provided to common Landscaping and Recreation Areas and planter boxes in accordance with Australian	

	Standards, with 1 hose cock within	
	each area.	
	A12.3 Turf areas are accessible by standard lawn maintenance equipment.	
	A12.4 Plant species are selected with long life expectancy and minimal maintenance requirements where on-Site management will be limited.	
	A12.5 Mulching is provided to all garden beds to reduce weed growth and to retain water, and is to be replenished every year in the ongoing maintenance program.	
P13 Stormwater runoff is minimised and reused in	A13.1 Adequate drainage is provided to all paving, turf and garden beds, including the use of swales, spoon	N/A
Landscaping through water infiltration, where appropriate.	drains, subsurface drainage, field gullies, rock or pebble lined Watercourses and stormwater connections.	
water infiltration, where	drains, subsurface drainage, field gullies, rock or pebble lined Watercourses and stormwater	

Safety

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
P14 Tree species and their location accommodate vehicle and pedestrian sight lines.	A14.1 Trees located near pathways, driveways, Access points, parking areas and street corners have a minimum 3.0 metres of clear trunk.	N/A
P15 The landscape design enhances personal safety and reduces the potential for crime and vandalism.	 A15.1 Security and foot lighting is provided to all common areas, including car parks, entries, driveways and pathways. A15.2 Hard surfaces are stable, nonslippery and useable in all weathers. 	N/A
	A15.3 Bushfire hazard is minimised with planting of bushfire resistant species near bushfire prone areas,	

(refer to the Bushfire Risk Overlay on the relevant Locality Map).	
A15.4 Lighting for bicycle paths is provided in accordance with the relevant Australian Standards	

Utilities and Services

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
P16 The location and type of plant species does not adversely affect the function and accessibility of services and facilities and service areas.	 A16.1 Plant species are selected and sited with consideration to the location of overhead and underground services. A16.2 All underground services are to be located under pathways and below the eaves of the Building. 	N/A
	A16.3 Irrigation control devices are located in the common Landscaping and Recreation Area.	
	A16.4 Landscaping is located to enable trade persons to Access and view meters and other mechanical equipment within the Site.	
	A16.5 Landscaping does not limit Access for service vehicles or rubbish trucks to utility areas, bin enclosures or docking areas.	
	A16.6 Landscaping near electric lines or substations is designed and developed so that any vegetation at maturity or Landscaping structures or works do not exceed 40 metres in Height on land:	
	 in an electric line shadow; or 	
	• within 5.0 metres of an electric line shadow; or within 5.0 metres of a substation boundary.	
	A16.7 Elsewhere, vegetation is planted at a distance that is further from the nearest edge of an electric line shadow or substation boundary than the expected maximum Height at maturity of the vegetation.	
	A16.8 On a Site adjoining an electricity substation boundary, the vegetation foliage at maturity is not	

within 3.0 metres of the substation boundary.	
However, where a substation has a solid wall along any part of its boundary, foliage may extend to, but not above or beyond, that solid wall.	

Vehicle Parking and Access Code

Vehicle Parking Numbers

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
 P1 Sufficient parking spaces are provided on the Site to accommodate the amount and type of vehicle traffic expected to be generated by the use or uses of the Site, having particular regard to: the desired character of the area in which the Site is located; 	A1.1 The minimum number of vehicle parking spaces provided on the Site is not less than the number prescribed in Schedule 1 of this Code for the particular use or uses. Where the number of spaces calculated from the Schedule is not a whole number, the number of spaces provided is the next highest whole number.	There is adequate area on-site for vehicle parking.
 the nature of the particular use and its specific characteristics and scale; 		
 the number of employees and the likely number of visitors to the Site; 		
 the level of local accessibility; 		
 the nature and frequency of any public transport serving the area; 		
 whether or not the use involves the retention of an existing Building and the previous requirements for car parking for the Building; 		
 whether or not the use involves an identified Valuable Conservation Feature and Valuable Site; 		

and	
• whether or not the use	
involves the retention of	
significant vegetation.	

Parking for People with Disabilities

	PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
P2	Parking spaces are provided to meet the needs of vehicle occupants with disabilities.	A2.1 For parking areas with a total number of ordinary vehicle spaces less than 50, wheelchair accessible spaces are provided as follows:	N/A
		 Medical, higher education, entertainment facilities and shopping centres – 2 spaces; 	
		• All other uses – 1 space.	
		A2.2 For parking areas with 50 or more ordinary vehicle spaces, wheelchair accessible spaces are provided as follows:	
		• Medical, higher education, entertainment facilities and shopping centres – 3% (to the closest whole number) of the total number of spaces required;	
		 All other uses – 2% (to the closest whole number) of the total number of spaces required. 	

Motor Cycles

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
 P3 In recognition that motorcycles are low Roadspace transport, a proportion of the parking spaces provided may be for motorcycles. The proportion provided for motor cycles is selected so that: ordinary vehicles do not demand parking in the spaces reserved for motor cycles due to capacity constraints; and, 	parking to a maximum level of 2% per cent of total ordinary parking. AND The motorcycle parking complies with other elements of this Code.	N/A

 it is a reflection of the make-up of the likely vehicle fleet that uses the parking; and, 	
 it is not a reflection of the lower cost of providing motorcycle parking. 	

Compact Vehicles

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
 P4 A proportion of the parking spaces provided may be for compact vehicles. The proportion of total parking provided for compact vehicles is selected considering: compact vehicles spaces are not available to non-compact vehicles; and, it is a reflection of the proportion of the likely vehicle fleet that uses the parking; and, compact vehicle spaces are located so as to be proximate to pedestrian destinations such that they present significant inclination for use by users of compact vehicles; and, the scale of parking spaces, likely users and the likely degree of familiarity with the availability of such spaces 	 exceeding 100 spaces for short term users or 50 spaces for long-term users, parking is provided for compact vehicles as a substitute for ordinary vehicle parking so that: compact vehicle parking does not exceed 10% of total vehicle parking required; and, the parking location is proximate to the entry locations for parking users; and, the parking provided complies with other elements of this 	N/A

Bicycles Parking

	PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
Ρ5		bicycle parking spaces provided on Site is not less than the number prescribed in Schedule 1 of this	N/A

Vehicular Access to the Site

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
P6 The location of Access points minimises conflicts and is designed to operate efficiently and safely taking into account:	A6.1 The location of the Access points is in accordance with the provisions of the relevant Australian Standards.	Access will be provided from Thomson Low Drive as illustrated on the submitted plans.
 the amount and type of vehicular traffic; the type of use (eg long-stay, short-stay, regular, casual); Frontage Road traffic conditions; 	Where the Site has Frontage to more than one street, the Access is from the lowest order street. A6.2 All redundant Accesses must be removed and a suitable barrier Erected to prevent further use of the Access.	
 the nature and extent of future street or intersection improvements; 	A6.3 Only one Access point is to be provided to each Site unless stated otherwise in another Code.	
 current and future on- street parking arrangements; 		
 the capacity of the adjacent street system; and 		
 the available sight distance. 		

Accessibility and Amenity for Users

-	PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
P7	On-Site vehicle parking is provided where it is convenient, attractive and safe to use, and does not detract from an attractive or existing streetscape character.	A7.1 Short term visitor parking is provided at the front or on the main approach side of the Site, with easy Access to the Building entry, where such provision is in keeping with the desired character of the area in which the Site is located.	N/A
		AND	
		In mixed use premises that include residential or accommodation uses (excluding, Port Douglas – Tourist Centre), at least 50% of the required number	

		of parking spaces for the nonresidential use/s on the Site is provided in an easily accessible location on the premises, so as to be convenient to use for customers and other visitors.	
P8	The layout of parking areas provides a high degree of amenity and accessibility for different users.	 A8.1 The layout of the parking area provides for the accessibility and amenity of the following: People with Disabilities Cyclists Motorcyclists Compact Vehicles Ordinary Vehicles Service Delivery Vehicles. A8.2 Where covered parking areas are required in accordance with Schedule 1 of this Code, sails or other secure structural forms of covering provide shade and weather protection for vehicles and passengers. 	N/A

Access Driveways

P	PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
P9	The dimensions of Access driveways cater for all vehicles likely to enter the Site and minimises the disruption of vehicular, cyclist and pedestrian traffic.	A9.1 Access driveways are designed in accordance with the provisions of the relevant Australian Standards.	Access will be provided from Thomson Low Drive as illustrated on the submitted plans.
P10	The surface construction materials of Access driveways within the Road reserve contribute to the streetscape and alerts pedestrians to the location of the driveway.	A10.1 Surface construction materials are consistent with the current or intended future streetscape or character of the area and contrast with the surface construction materials of any adjacent footpath.	A gravel driveway is proposed at this time.

Access for People with Disabilities

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
disabilities is provided to the Building from the	A11.1 Access for people with disabilities is provided in accordance with the relevant provisions of the Australian Standards.	N/A

Access for Pedestrians

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
provided to the Building	A12.1 Defined, safe pedestrian pathways are provided to the Building entry from the parking area and from the street.	

Access for Cyclists

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
P13 Access for cyclists is provided to the Building or to bicycle parking area from the street.	A13.1 Access pathways for cyclists are provided in accordance with the relevant provisions of the Australian Standards.	N/A
	AND	
	Where Access for cyclists is shared with Access for pedestrians and vehicles, the shared use is identified by signage and linemarking.	

Dimensions of Parking Spaces

PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
P14 Parking spaces must have adequate areas and dimensions to meet user requirements.	A14.1 Car parking for the disabled, ordinary car parking spaces and motorcycle parking spaces meet the requirements of the relevant Australian Standards.	N/A
	AND	
	Parking spaces for special vehicles that are classified in accordance with the relevant Australian Standards meet the	

· · · · · · · · · · · · · · · · · · ·		
	requirements of that Standard.	
	AND	
	Parking spaces for standard sized buses have the following minimum dimensions:	
	• width: 4 metres	
	 length: 20 metres 	
	• clear Height: 4 metres.	
	AND	
	Parking spaces for compact vehicles have the following minimum dimensions:	
	• 15 per cent less in width measurements than required by Australian Standards for any ordinary vehicle; and,	
	• 20 per cent less in length measurements than required by Australian Standards for any ordinary vehicle.	
	AND	
	Parking spaces for special vehicles meet the requirements dictated by the vehicle dimensions and manoeuvring characteristics and provide sufficient clearance to obstructions and adjacent vehicles to achieve a level of service to users equivalent to that specified by the relevant Australian Standards.	
	A14.2 Parking spaces for bicycles meet the requirement of the relevant Australian Standard.	

On-Site Driveways, Manoeuvring Areas and Parking/Standing Areas

I	PERFORMANCE	CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
P15	areas are constructed	ing/standing designed, and	A15.1 On-Site driveways, vehicle manoeuvringand and loading/unloading areas:• are sealed in urban areas:	Gravel driveway will be suitably graded and drained.
	maintained su	ch that they:	AND	

 are at gradients suitable for intended vehicle use; consider the shared movements of pedestrians and cyclists; are effectively drained and surfaced; and are available at all times they are required. 	upgraded to minimise noise, dust and runoff in other areas of the Shire in accordance with the relevant Locality Code; • have gradients and other design features in accordance with the provisions of the relevant Australian Standards; and • drain adequately and in such a way that adjoining and downstream land is not adversely	
	affected. A15.2 Parking areas are kept and used exclusively for parking and are maintained in a suitable condition for parking.	

Vehicle Circulation, Queuing and Set Down Areas

P	PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
P16	Sufficient area or appropriate circulation arrangements are provided to enable all vehicles expected to use the Site to drive on and off the Site in forward gear.	A16.1 Circulation and turning areas comply with the provisions of the relevant Australian Standards.	N/A
P17	An on-Site circulation system provides safe and practical Access to all parking, loading/unloading and manoeuvring areas.	A17.1 Circulation driveways comply with the provisions of the relevant Australian Standards.	N/A
P18	Where vehicle queuing, set down or special vehicle parking is expected, sufficient queuing or parking area is provided to enable vehicles to stand without obstructing the free flow of moving traffic or pedestrian movement.	A18.1 Queuing and set down areas comply with the relevant Australian Standard and any relevant AUSTROAD Guidelines.	N/A

Rural Settlement Planning Area Code

Consistent and Inconsistent Uses

PERFORMANCE CRITE	RIA	ACCEPTABLE SOLUTIONS	COMMENTS
P1 The establishment of consistent with the o sought for the Settlement Planning	utcomes Rural	A1.1 Uses identified as inconsistent uses in the Assessment Table are not established in the Rural Settlement Planning Area.	The proposal is a consistent use according to the assessment table.

Site Coverage

	PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
P2	The built form is subservient to the natural environment or the rural character of the area.	 A2.1 The maximum Site Coverage for all Buildings (including Outbuildings) contained on an allotment is 450 m2. A2.2 An Outbuilding used for purposes ancillary to a House has a maximum Site Coverage not greater than 20% of the total Site Coverage specified in A2.1 above. 	The proposed dwelling has a floor area of 418sqm and a site cover of 5.47%. N/A

Building Setbacks

	PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
P3	Buildings/structures are Setback to:	A3.1 Buildings/structures are Setback not less than:	The proposed dwelling setbacks comply with the Scheme.
	 maintain the natural or rural character of the area; and achieve separation from 	• 40 metres from the property boundary adjoining a State-Controlled Road; or	
	neighbouring Buildings and from Road Frontages.	• 25 metres from the property boundary adjoining the Cape Tribulation Road; or	
		• 20 metres from the property boundary fronting any other Road; and	

	• 6 metres from the side and rear property boundaries of the Site.	
P4 Buildings/structures are screened from any adjacent Road to maintain the natural or rural character of the area.	A4.1 At the time that a Site is developed for any purpose, the Road Frontage Setback areas are landscaped so that 10 metres of the Setback area immediately adjacent to any Road Frontage, where the minimum total Setback required is 20 metres or greater, is landscaped with Dense Planting.	There is no vegetation currently on-site. The owners will provide vegetative screening to the dwelling if required.

Scenic Amenity

	PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
Ρ5	Buildings/structures are designed to maintain the low- density rural settlement character of the area and sited to minimise impacts on the environment and Scenic Amenity values of the area.	A5.1 White and shining metallic finishes are avoided on external surfaces in prominent view.	External colours include: Roof – Colorbond Wallaby Walls – Consistent with Colorbond Surfmist Trims – Colorbond Monumet
P6	Buildings/structures are sited to achieve the retention of native trees and protect existing Watercourses, riparian vegetation and wildlife corridors.	A6.1 No Acceptable Solution. (Information that the Council may request to demonstrate compliance with the Performance Criteria is outlined in Planning Scheme Policy No 10 – Reports and Information the Council May Request, for code and impact assessable development).	N/A

Sloping Sites

	PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
P7	Building/structures are designed and sited to be responsive to the constraints of sloping Sites.	A7.1 Building/structures are Erected on land with a maximum slope not exceeding 15%. OR	The existing building pad is level.
		Development proposed to be Erected on land with a maximum	

	slope between 15% and 33% is accompanied by a Geotechnical Report prepared by a qualified engineer at development application stage. OR	
	Development proposed to be Erected on land with a maximum slope above 33% is accompanied by a Specialist Geotechnical Report prepared by a qualified engineer at development application stage which includes signoff that the Site can be stabilised.	
	AND	
	Any Building/structures proposed to be Erected on land with a maximum slope above 15% are accompanied by an additional Geotechnical Report prepared by a qualified engineer at building application stage.	
	(Information that the Council may request as part of the Geotechnical Report are outlined in Planning Scheme Policy No 10 – Reports and Information the Council May Request, for code and impact assessable development.)	
P8 The building style and construction methods used for development on sloping Sites are preparative to the Site	A8.1 A split level building form is utilised.A8.2 A single plane concrete slab is	N/A
are responsive to the Site constraints.	not utilised.	
	A8.3 Any voids between the floor of the Building and Ground Level, or between outdoor decks and Ground Level, are screened from view by using lattice/batten screening and/or Landscaping.	
P9 Development on sloping land minimises any impact on the landscape character of the	A9.1 Buildings/structures are sited below any ridgelines and are sited to avoid protruding above the	N/A

	surrounding area.	surrounding tree level.	
P10	Development on sloping sites ensures that the quality and quantity of stormwater traversing the Site does not cause any detrimental impact to the natural environment or to any other Sites.	A10.1 All stormwater drainage discharges to a lawful point of discharge and does not adversely affect downstream, upstream, underground stream or adjacent properties.	Stormwater to be directed to the legal point of discharge, which is Thomson Low Drive

Land Use Code

House Code

General

	PERFORMANCE CRITERIA	ACCEPTABLE SOLUTIONS	COMMENTS
P1	Buildings on a lot have the appearance and bulk of a single House with ancillary Outbuildings.	 A1.1 A lot contains no more than one House. A1.2 Ancillary Outbuildings have a maximum Site Coverage of 10% of the balance area of the Site not otherwise taken up by the House. 	Complies
P2	The House is used for residential purposes.	A2.1 The House is used by one Household.	Complies
P3	Resident's vehicles are accommodated on Site and are sited to minimise the dominance of car accommodation on the streetscape.	 A3.1 A minimum of 2 vehicle spaces are provided on Site and may be provided in tandem. A3.2 At least one garage, carport or designated car space must be located at least 6 metres from the Main Street Frontage. 	Vehicle parking is adequate.

General Codes

Filling and Excavation Code

Further cut and fill is not proposed for the site, therefore this Code is not applicable.

Natural Areas and Scenic Amenity Code

Not applicable

Overlay Codes

Cultural Heritage and Valuable Sites

Overlay is not applicable

Natural Hazards

The subject site is mapped as being Medium Risk Hazard – Bushfire. A bushfire assessment will be considered at the building application stage.

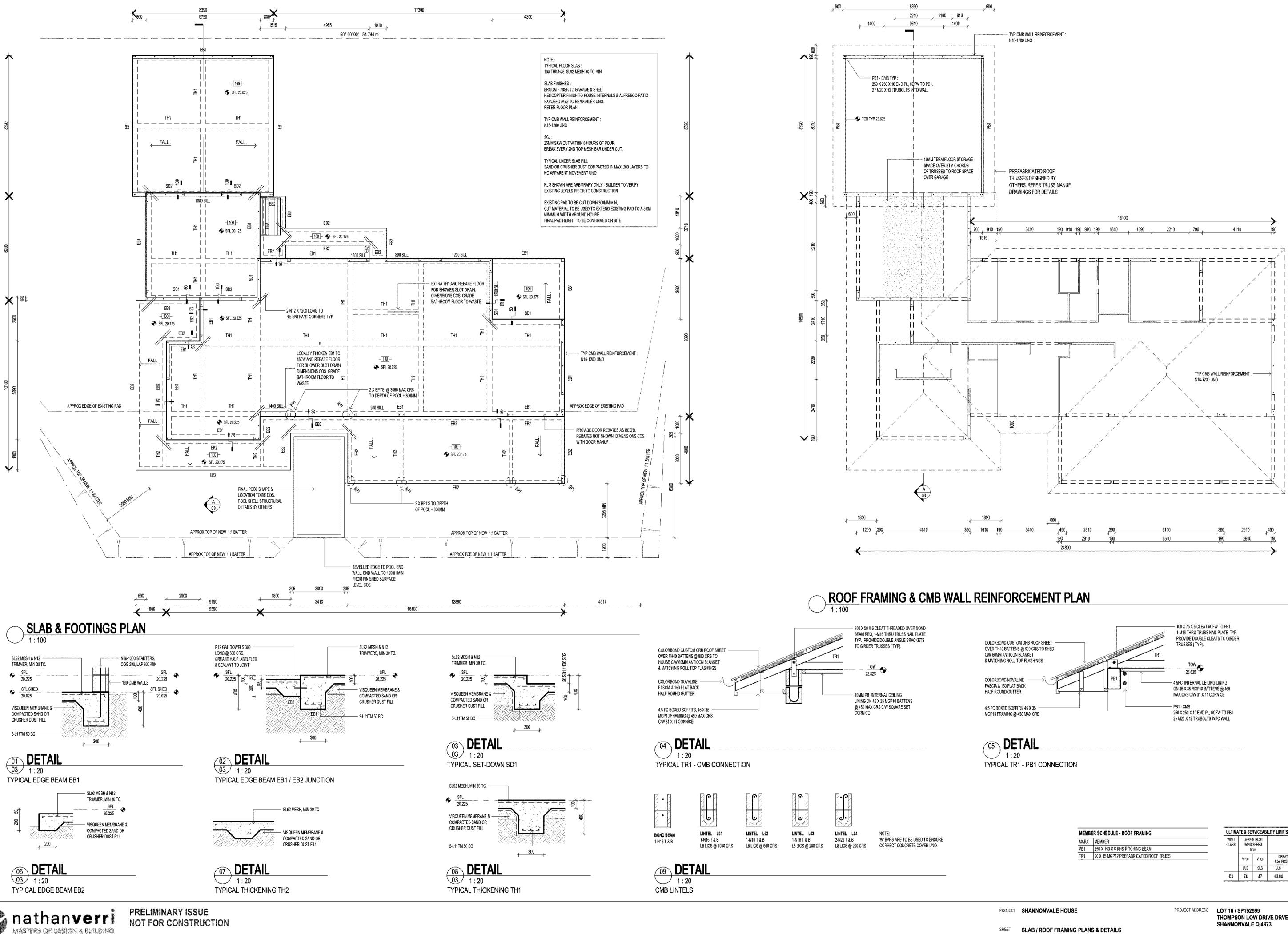
5.0 Conclusion

The development application seeks a Development Permit for Material Change of Use for the purpose of a dwelling on land describes as Lot 16 SP192599 Thomson Low Drive, Shannonvale.

The proposed development is considered consistent with the relevant Planning Scheme Codes and the surrounding locality.

In summary the report concludes:

- The proposal complies with the requirements for making a Development Application under the Sustainable Planning Act; &
- The proposal is consistent with the existing and future use of the property.



e : into@nathanverri.com REVISION Mossman Q 4873 ISO A1 02-Jan-17 1:59:46 PM

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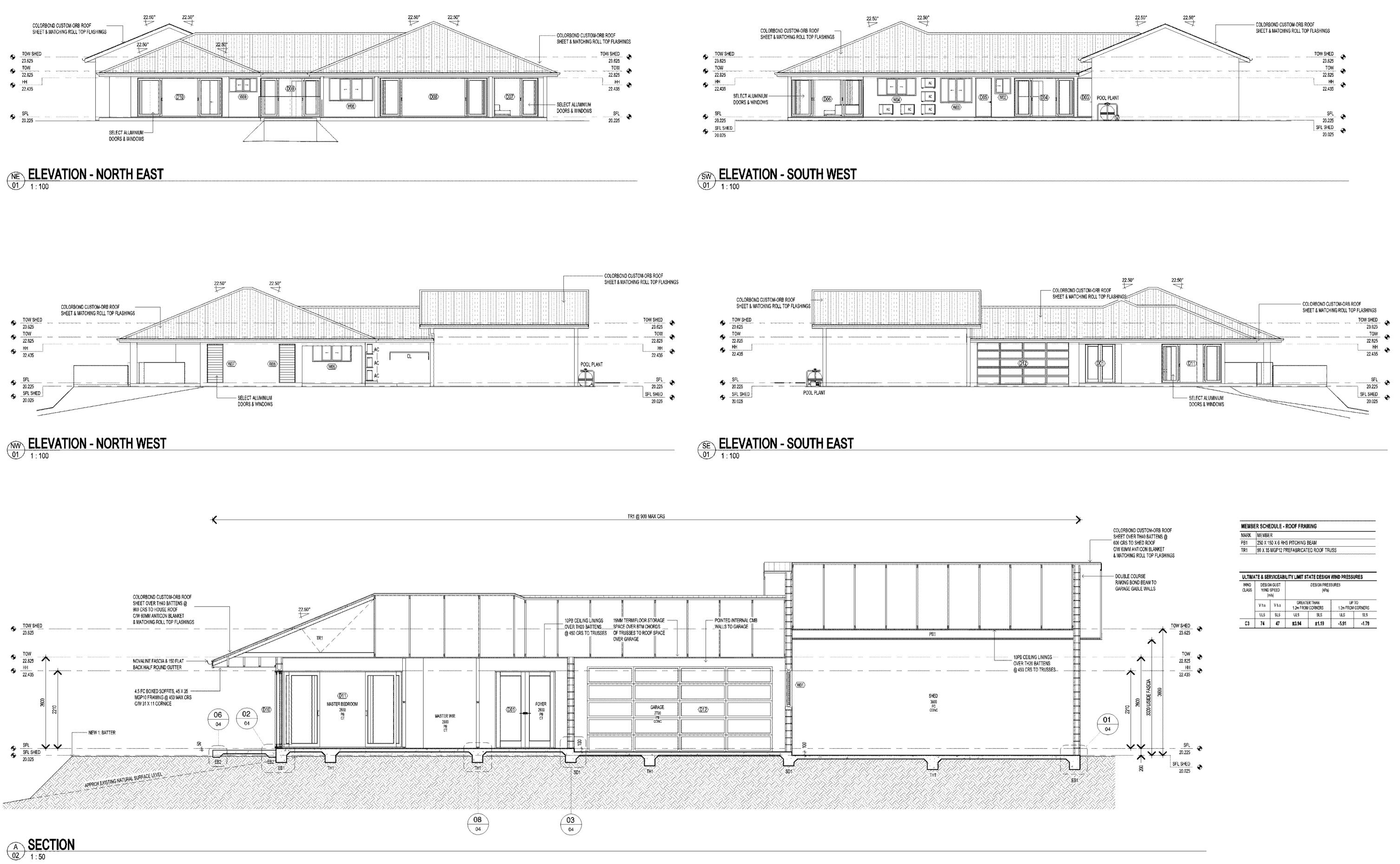
w : nathanverri.com PO Box 1334

MEMBER SCHEDULE - ROOF FRAMING					
MARK	MEMBER				
PB1	250 X 150 X 6 RHS PITCHING BEAM				
TR1	90 X 35 MGP12 PREFABRICATED ROOF TRUSS				

WIND Class	DESIGN GUST WIND SPEED (m/s)		DESIGN PRESSURES (KPa)			
	۷ħ,u	Vh,s	GREATE 1.2m FROM		UP 1.2m FROM	TO CORNERS
	ULS	SLS	ULS	SLS	ULS	SLS
C3	74	47	±3.94	±1 .19	-5.91	-1,79

11

THOMPSON LOW DRIVE DRVE SHANNONVALE Q 4873





PRELIMINARY ISSUE NOT FOR CONSTRUCTION

DESIGNER NV

MEMBE	R SCHEDULE - ROOF FRAMING

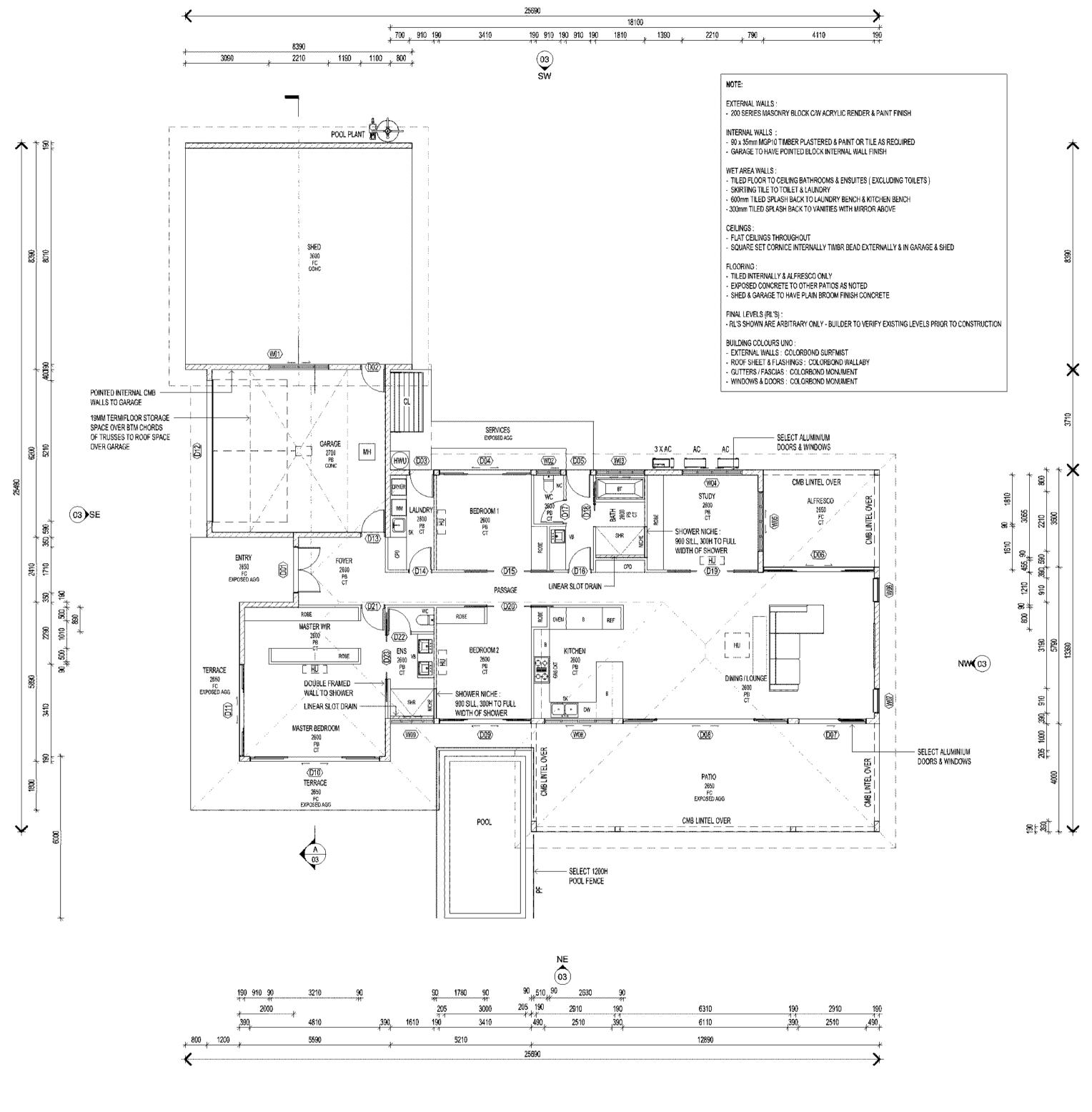
ULTIMA	ITE & SE	RVICEABI	LITY LIMIT S	TATE DESIGN	WIND PRESS	URES
wind Class	DESIGN GUST WIND SPEED (misj		DESIGN PRESSURES (KPa)			
	V h.u	V b.s		ER THAN I CORNERS		Y TO M CORNERS
	ULS	SLS	ULS	\$1,S	ULS	SLS
C3	74	47	±3.94	±1.19	-5.91	-1.79

PROJECT SHANNONVALE HOUSE

SHEET ELEVATIONS & SECTIONS

DRAWN GL SCALE AS SHOWN @ A1

PROJECT ADDRESS LOT 16 / SP192599 THOMPSON LOW DRIVE DRVE SHANNONVALE Q 4873



FLOOR PLAN



PRELIMINARY ISSUE NOT FOR CONSTRUCTION

6310	190	2910	190
6110	390	2510	490
12890			· · ·

MARK	ТҮРЕ	HEIGHT	WIDTH	
	=			OTHER REQ'S
01	DOUBLE LEAF ENTRY DOOR	2210	1710	SELECT DOUBL
02	SINGLE LEAF ENTRY DOOR	2210	910	A-BOND SOLID
03	SINGLE LEAF ENTRY DOOR	2210	9 10	A-BOND SOLID
04	FXXF ALUMINIUM SLIDING DOOR	2210	3410	STANDARD INT
05	SINGLE LEAF ENTRY DOOR	2210	910	A-BOND SOLID
06	FXXF ALUMINIUM SLIDING DOOR	2210	4110	STANDARD INT
07	FXX ALUMINIUM SLIDING DOOR	2210	2510	STANDARD INT
08	FXXXXF ALUMINIUM SLIDING DOOR	2210	6110	STANDARD INT
09	FXXF ALUMINIUM SLIDING DOOR	2210	3410	STANDARD INT
10	FXXF ALUMINIUM SLIDING DOOR	2210	4810	STANDARD INT
11	FXXF ALUMINIUM SLIDING DOOR	2210	3410	STANDARD INT
12	PANEL LIFT EMBOSSED GARAGE DOOR	2410	5210	STANDARD CO
				REMOTE CONT
13	SINGLE LEAF INTERNAL DOOR	2210	910	STANDARD REI
14	SINGLE LEAF INTERNAL DOOR	2200	870	STANDARD RE
15	DOUBLE 820 LEAF CAVITY SLIDER	2040	3300	STANDARD RE
16	SINGLE LEAF INTERNAL DOOR	2200	870	STANDARD RE
17	SINGLE LEAF INTERNAL DOOR	2200	870	STANDARD RE
18	820 LEAF CAVITY SLIDER	2040	1660	STANDARD RE
19	DOUBLE 820 LEAF CAVITY SLIDER	2040	3300	STANDARD RE
20	DOUBLE 820 LEAF CAVITY SLIDER	2040	3300	STANDARD RE
21	SINGLE LEAF INTERNAL DOOR	2200	870	STANDARD REI
22	SINGLE LEAF INTERNAL DOOR	2200	870	STANDARD REI
23	DOUBLE 820 LEAF CAVITY SLIDER	2040	3300	STANDARD REI

SCHEDULE - WINDOWS

MARK	WINDOW TYPE	HEIGHT	WIDTH	OTHER REQS
01	FXXF ALUMINIUM SLIDING WINDOW	1010	2210	STANDARD INTEGRATED INSE
02	FX ALUMINIUM SLIDING WINDOW	910	910	STANDARD INTEGRATED INSI
03	FXXF ALUMINIUM SLIDING WINDOW	1410	1810	STANDARD INTEGRATED INSE
04	FXXF ALUMINIUM SLIDING WINDOW	1010	2210	STANDARD INTEGRATED INSI
05	FXXF ALUMINIUM SLIDING WINDOW	1010	2210	STANDARD INTEGRATED INSI
06	1 X BAY ALUMINIUM LOUVRE WINDOW	2210	910	LEFT HANDED OPERATION STANDARD INTEGRATED INSI
07	1 X BAY ALUMINIUM LOUVRE WINDOW	2210	910	RIGHT HANDED OPERATION STANDARD INTEGRATED INSI
80	FXXF ALUMINIUM SLIDING WINDOW	1310	2510	STANDARD INTEGRATED INSI
09	FXXF ALUMINIUM SLIDING WINDOW	810	1610	STANDARD INTEGRATED INSI

DOOR / WINDOW NOTES:

- REFER FLOOR PLAN FOR DOOR SWINGS - DOOR HARDWARE TO BE STANDARD BARRELS (NO MORTICE LOCKS), FURNITURE & FINISH AS SELECTED

- ALL FRAMES TO BE COLORBOND MONUMENT POWDERCOAT - ALL DIMENSIONS TO BE CONFIRMED ON SITE

- JOINERY TO AS2047-1999 FOR WATER PENETRATION & WIND LOAD REQUIREMENTS

- GLAZING TO AS1288-2006, CERTIFICATE TO BE SUPPLIED - SEAL ALL ROUND FRAMES.

- TRANSLUCENT GLAZING TO ENSUITE WINDOWS AND MAIN BATH RM & WC WINDOWS. - SECURITY SCREENS WHERE REQUIRED BY OWNER.

- INTERNAL DOORS TO BE 2040 X 820 REDICOAT STANDARD RANGE HUNG ON 112 X 19

FJP JAMBS, SIZES AS NOTED ON SCHEDULE. - EXTERNAL SWING DOORS HUNG ON 85 X 35 H3/HWD_FRAME

- POWDERCOAT REMOTE CONTROL PANELIFT DOOR TO GARAGE WITH 3 HANDSETS...

EXTERNAL DOORS IN STEEL OR HWD FRAMES??

NTRY DOOR IN HWD FRAME
RE DOOR
REDOOR
RATED INSECT SCREENS
RE DOOR
RATED INSECT SCREENS
BOND COLOR
•
DTE RANGE

CT SCREENS	
CT SCREEN	
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ECT	SCREEN
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CT	SCREENS

ULTIMATE & SERVICEABILITY LIMIT STATE DESIGN WIND PRESSURES				
WIND Class	DESIGN GUST WIND SPEED (m/s)	DESIGN PRESSURES (KPa)		

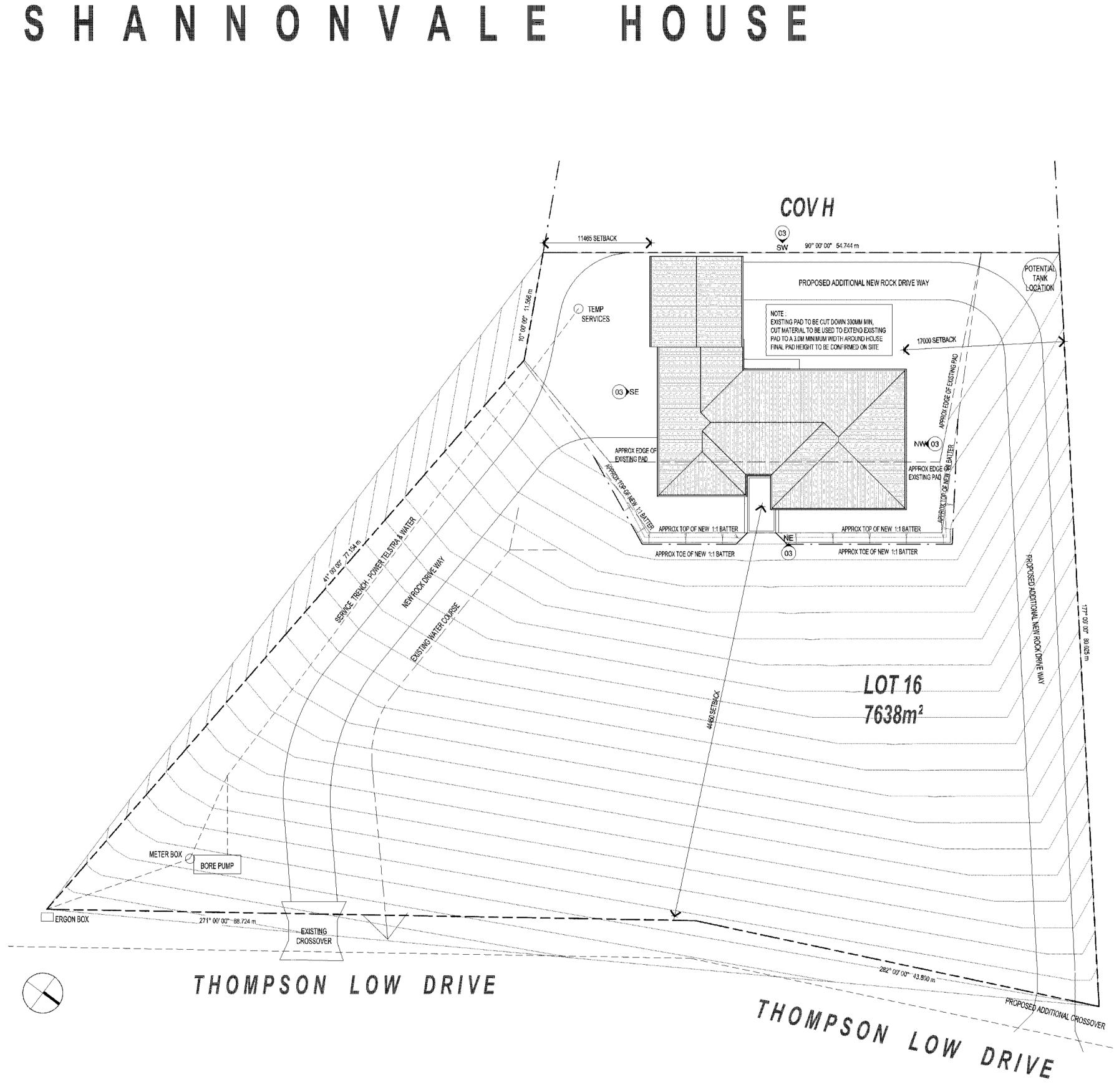
	V h,u	(m/s) V h,u V h,s GREATER THAN UP TO 1.2m FROM CORNERS 1.2m FROM CC				· •
	ULS	SLS	ULS	SLS	UE\$	SLS
C3	74	47	±3.94	±1.19	-5.91	-1.79

PROJECT SHANNONVALE HOUSE

SHEET FLOOR PLAN

THOMPSON LOW DRIVE DRVE SHANNONVALE Q 4873

PROJECT ADDRESS LOT 16 / SP192599







PRELIMINARY ISSUE NOT FOR CONSTRUCTION

Mossiman Q 4873 ISO A1 02-Jan-17 1:59:50 PM

GENERAL

- ALL WORKS SHALL BE IN STRICT ACCORDANCE WITH THE NATIONAL CONSTRUCTION CODE OF AUSTRALIA 2016 AND AMENDMENTS, A\$1684.3-2010 RESIDENTIAL TIMBER FRAMED CONSTRUCTION PART 3 AND AMENDMENTS.

- ALL RELEVANT STANDARDS, LOCAL AUTHORITY BY-LAWS AND REGULATIONS AND WORKPLACE HEALTH & SAFETY REGULATIONS. ACCREDITED BUILDING PRODUCTS REGISTER AND MANUFACTURERS

CURRENT WRITTEN SPECIFICATIONS AND RECOMMENDATIONS, BUILDER TO VERIFY ALL DIMENSIONS AND LEVELS ON SITE BEFORE COMMENCING ANY SITE WORKS OR WORKSHOP DRAWINGS.

- DO NOT SCALE DRAWINGS - TAKE FIGURED DIMENSIONS. - SUBSTITUTION OF ANY STRUCTURAL MEMBERS, AND OR ANY WILL VOID VARIATION TO ANY PART OF THE DESIGN & ANY RESPONSIBILITIES OF THE BUILDING DESIGNER FOR THE STRUCTURAL INTEGRITY AND PERFORMANCE OF THE BUILDING.

SITE PREPARATION:

- STRIP BUILDING SITE OF ALL TOPSOIL AND ORGANICS. - BUILDING PLATFORM AND PAVEMENT SUPPORT AREAS SHOULD BE UNIFORMLY COMPACTED BY HEAVY SURFACE ROLLING TO A MINIMUM DRY DENSITY RATIO OF 95% SRDD. SOFT SPOTS ENCOUNTED DURING COMPACTION TO BE TREATED BY

TYNING, DRYING AND RECOMPACTION. - THE USE OF VIBRATORY ROLLERS FOR EARTHWORKS COMPACTION MAY CAUSE SIGNIFICANT GROUND VIBRATION AND CAREFUL SITE CONTROL OR THE USE HEAVY STATIC COMPACTION PLANT WILL BE REQUIRED TO AVOID DAMAGE TO

ADJOINING MASONRY BUILDINGS. - ALL FILL MATERIAL TO BE OF LOW PLASTICITY (P1<15) GRANULAR SELECT FILL PLACED IN LAYERS NOT MORE THAN 200mm COMPACTED THICKNESS, AND UNIFORMLY COMPACTED TO A MINIMUM DRY DENSITY RATION OF 95% SRDD.

- BUILDER TO SURVEY SITE PRIOR TO COMMENCEMENT OF EARTHWORKS AND CONSTRUCT BUILDING PLATFORM TO A LEVEL SUCH THAT ALL SURFACE WATER IS DIRECTED AWAY FROM THE BUILDING

TO A SATISFACTORY DRAINAGE OUTLET. - BUILDER SHALL ENSURE THAT SUITABLE AND APPROPRIATE VEHICULAR ACCESS IS PROVIDED TO THE BUILDING.

- BUILDER SHALL ENSURE THAT SUITABLE SOIL EROSION BARRIERS ARE INSTALLED COMPLYING WITH EPA AND LOCAL AUTHORITY REQUIREMNETS.

- REFER TO SOIL TEST CLASSIFICATION CARRIED OUT BY DIRT PROFESSIONALS - REPORT No. 1B123 DATE: 19.08.2016

- SITE TO BE RE TESTED AFTER ROLLER COMPACTION FOLLOWED BY ENGINEER CONSULTATION AND POSSIBLE ENGINEERING AMENDMENTS DEPENDANT

SERVICE LOADS:

- THE STRUCTURAL WORK SHOWN ON THESE DRAWINGS HAS BEEN DESIGNED FOR THE FOLLOWING LIVE LOADS UNLESS NOTED OTHERWISE: 0.25 kPa ROOF 1.50 kPa INTERNAL SUSPENDED FLOORS 3.00 kPa EXTERNAL SUSPENDED FLOORS 1.50 kPa GROUND FLOORS LIVE LOADS TO AS 1170 PART 1 REGION C. DESIGN GUST WIND SPEED 50m/s PERMISSIBLE, 61/m ULTIMATE LIMIT STATE

FOOTINGS & SLABS :

- FOOTINGS HAVE BEEN DESIGNED FOR A MINIMUM ALLOWABLE BEARING PRESSURE OF 100KPA & CLASS 'M' SITE CLASSIFICATION ACCORDING TO A.S.

- BUILDER TO VERIFY SITE CONDITIONS PRIOR TO CONSTRUCTION - NATURAL FOUNDATIONS TO BE GRUBBED OUT & FREE OF ORGANIC MATTER & DEBRIS & COMPACTED TO A MIN. 95% SRDD AT -5% TO +2% OF OPTIMUM MOISTURE CONTENT OR NOT LESS THAN 70% DENSITY INDEXED FOR

COHESIONLESS SOILS. - FILL TO SLAB TO & FOUNDATIONS SHALL BE APPROVED NON-PLASTIC MATERIAL COMPACTED IN MIN 150mm LAYERS TO 95% SRDD AT -5% TO +2% OF THE OPTIMUM MOISTURE CONTENT OR NOT LESS THAN 70% SRDD FOR

- FOOTING TRENCHES SHALL BE CLEAN & DRY AT THE TIME OF CASTING WITH ANY SOFTENED MATERIAL REMOVED.BASE OF FOOTING TO BE FOUNDED ON FIRM NATURAL GROUND WITH MINIMUM SAFE BEARING CAPACITY OF 100KPA. - REMOVE GRASS & TOPSOIL CONTAINING ROOTS FROM SLAB SITE PROVIDE

- PROVIDE 0.2mm POLYTHENE MOISTURE BARRIER UNDER SLAB & FOOTINGS - CONCRETE TO SLAB & FOOTINGS TO BE N20, 80mm SLUMP, 20mm AGGREGATE VIBRATE ALL CONCRETE, CURE SLAB 7 DAYS MINIMUM.

- CONCRETE COVER TO BE MAINTAINED BY THE USE OF APPROVED BAR CHAIRS SPACED AT APPROX 750mm CRS. CONDUITS& PIPES SHALL NOT BE PLACED WITHIN COVER CONCRETE

NOTED:- N12 - 600mm, N16 - 800mm, N20 - 1000mm, N24 - 1200mm, N28 - 1400mm, REINFORCEMENT COVER: FOOTINGS - 50mm BOTTOM , SLABS - 40mm TOP / 50mm BOTTOM

- CAST-IN ITEMS SHALL BE HOT DIPPED GALVANISED - FOOTINGS SHALL NOT BE LOCATED CLOSER TO THE NEAREST EDGE OF A

SORMWATER/SEWER TRENCH THAN THE DEPTH OF THE TRCH. - SITE AREA TO BE GRADED TO READILY REMOVE SURFACE WATER & PREVENT PONDING ADJACENT TO FOUNDATIONS & DRIVEWAY

- EXECUTION & CONTROL TESTING OF EARTHWORKS & ASSOCIATED SITE PREPARATION WORKS SHALL COMPLY WITH A.S. 3798 CONCRETE STRENGTH:

- ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH AS3600. - N20 GRADE CONCRETE TO ALL FOOTINGS - N25 GRADE CONCRETE TO SLABS

- CONCRETE

REINFORCEMENT NOTATION:

- CONCRETE	GENERALLY IN ACC	ORDANCE WIT	TH AS 3600
- CONCRETE	SPECIFICATION UN	LESS NOTED C	THERWISE:
element	CLASS & GRADE	MAX, AGG,	MAX. SLUMP
GROUND SLA	B N25	20mm	80mm
FOOTINGS	N20	20mm	80mm
CORE FILL	S20	10mm	230mm

'N' DENOTES GRADE D500N HOT ROLLED REBAR TO AS4671. 'S' DENOTES GRADE D250N HOT ROLLED REBAR TO AS4671.

'R' DENOTED GRADE R500L COLD DRAWN ROUND WIRE TO A\$4671. W DENOTES GRADE R500L COLD DRAWN ROUND WIRE TO A\$4671. 'DW DENOTES GRADE D500L COLD DRAWN RIBBED WIRE TO A\$4671. 'RL', 'SL', 'L_TM' DENOTES FRAYED D500 DEFORMED WIRE MESHES TO A\$4671. - ADDITIVES SHALL NOT BE USED WITHOUT THE SUPERINTENDENT'S APPROVAL. - MECHANICALLY VIBRATE CONCRETE IN THE FORM TO GIVE MAXIMUM COMPACTION WITHOUT SEGREGATION OF THE CONCRETE. - CURE CONCRETE AS REQUIRED BY SECTION 19 OF AS3600.

- CONCRETE SIZES SHOWN ARE MINIMUM AND DO NOT INCLUDE APPLIED FINISHES. - DO NOT REDUCE OR HOLE CONCRETE WITHOUT SUPERINTENDENT'S APPROVAL. - DO NOT PLACE CONDUITS, PIPES AND THE LIKE WITHIN THE COVER CONCRETE. - FORMWORK SHALL GENERALLY COMPLY WITH AS3610

- STRIPPING OF FORMWORK SHALL COMPLY WITH SECTION 19 OF AS3600. CONCRETE MASONRY NOTES:

GENERAL WALLS U.N.O - 190 SERIES CONCIMASONRY BLOCKS IN ACCORDANCE WITH AS 3700 & AS 2733. MORTAR 1:1:6 (C:L:S) DOTS DENOTE N16 VERTICAL BARS (U.N.O.) AT ENDS, CORNERS, INTERSECTIONS, EACH SIDE OF ALL OPENINGS AND AT CRS NOTED ON PLANS. LAP VERTICAL BARS 500mm WITH N16 STARTER BARS COGGED 200mm INTO FOOTING PROVIDE ADDITIONAL N16 VERTICAL BAR EACH SIDE OF OPENINGS >1800 WIDE. - PROVIDE DOUBLE COURSE (U.N.O.) CONTINUOUS BOND BEAM TO TOP OF 190 SERIES WALLS. REINF. WITH 1-N16 BAR EACH COURSE - LAP 800mm MIN. - ALL EXTERNAL JOINTS TO BE 'FLUSHED' LEFT READY FOR RENDERING. - ALL CMB WALLS THAT ARE TO BE CONCRETE FILLED ARE TO BE WATER HOSED DURING THE WALL CONSTRUCTION TO REMOVE MORTAR DAGS IN THE MASONRY CORES.

WALL CONSTRUCTION - FRAMING: 90MM THICK WALLS :

 MGP12 (H2) - 90 x 35 STUDS @ MAX, 450mm CRS. - 90 x 35 BOTTOM PLATES. - 2 / 90 x 45 TOP PLATES. - M12 / M16 TIE-DOWN ROD POSITIONS AS SHOWN ON PLAN. - LINTELS AS PER SCHEDULE. - 2 STUDS BESIDE OPENINGS UP TO 1800mm

- 3 STUDS BESIDE OPENINGS UP TO 3600mm - 4 STUDS BESIDE OPENINGS UP TO 5000mm BRACING WALLS :

50mm CRS. TOP AND BOTTOM PLATE. 150mm CRS. TO VERTICAL EDGES. 300mm CRS, INTERMEDIATE STUDS. - ANCHOR ENDS OF WALLS TOP AND BOTTOM.

ROOF FRAMING

- PREFABRICATED ROOF TRUSSES DESIGNED BY THE TRUSS MANUFACTURER INCLUDING ALL NECESSARY BRACING AND CONNECTIONS. - J2 JOINT GROUP FOR HWD TRUSSES.

ROOF BRACING - METAL STRAP BRACING TO TRUSS MANUFACTURER'S DESIGN. ROOF SHEET & BATTEN FIXINGS

 LYSAGHT SHEETING OVER LYSAGHT BATTENS - ALL ROOF SHEETING AND BATTEN FIXINGS ARE TO BE IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATION FOR THE REQUIRED WIND SPEED. - THE FIXING SYSTEMS FOR THE WHOLE METAL ROOF ASSEMBLY SUPPLIED BY THE MANUFACTURER, ARE TO BE COMPLIANT WITH THE LOW-HIGH-LOW CYCLIC TESTING REQUIREMENTS OF THE BUILDING CODE OF AUSTRALIA (SPECIFICATION B1.2 VOLUME 1 FOR CLASS 2 TO 9 BUILDINGS OR (SECTION 3.10.1 VOLUME 2 FOR CLASS 1 & 10 BUILDINGS). - A 'COMPLIANCE CERTIFICATE' SHALL BE REQUESTED FROM

ROOF FIXING GENERAL :

THE MANUFACTURER' & THE 'INSTALLER'

WET AREA WALLS: - ALL WET AREA WALLS AND FLOORS TO BE WATERPROOFED WITH APPROVED MEMBRANES IN ACCORDANCE WITH AS/NZS 4858 - WET AREAS TO BE WATERPROOFED IN ACCORDANCE WITH NCC 2016 PART 3.8.1.2. - WALL/FLOOR COVERINGS: BUILDER TO CONSULT OWNER FOR FULL EXTENT OF FLOOR COVERING REQUIREMENTS. - SELECTED WALL TILES TO WET AREAS AND SPLASHBACKS. PROVIDE APPROVED ADHESIVE TO ALL TILES.

STEELWORK:

STANDARDS 4100 STEEL STRUCTURES CODE - STEEL SHALL BE AS 3679 & 3678 GENERALLY GRADE 300 PLUS FOR HOT ROLLED SECTIONS AS 1163 GRADE 350 FOR HOLLOW SECTIONS - BOLTS SHALL BE COMMERCIAL GRADE 4.6/S SNUG TIGHTENED GENERALLY U.N.O. - BOLTS SHALL BE GALVANISED OR & OF SUFFICENT A SUITABLE WASHER SHALL BE USED UNDER ALL NUTS UNLESS OTHERWISE SPECIFIED - THE FOLLOWING TO APPL BEAM AND BEARER SPLICE TO BE FPBW TO AS 1554.1 CLASS SP WELDING 6MM CONTINUOUS FILLET WELD TO FULL PERIMETER

AT CONTACT 5PL END PL TO ALL HOLLOW SECTIONS - BOLT HOLE CLEARANCE TO BE 2mm HOLD DOWN BOLT CLEARANCE 2mm - GROUT OF 2:1 CEMENT/SAND, MORTAR OF DAMP EARTH CONSISTENCY UNDER ALL BASE PLATES 800 OR EQUILVALENT - ALL STEEL WORK NOT HOT DIPPED GALVANISED SHALL BE

PRIMER & TWO FINISH COATS + ALL CAST IN ITEMS TO BE HOT DIPPED GALVANIZED U.N.O

TERMITE TREATMENT:

APPENDIX C) OR CHEMICALLY TREATED TIMBERS IN ACCORDANCE WITH AS3660.1-APPENDIX D. TIMBERS USED IN ABOVE GROUND, DRY, WEATHER PROTECTED APPLICATIONS. EXPOSED TO WEATHER AREAS SUCH AS DECKING, FENCE

TECHNICIANS.

INDICATE: - METHOD OF PROTECTION. - DATE OF INSTALLATION OF THE SYSTEM USED.

FOR TERMITE ACTIVITY.

NCC 2016. NCC 2016 PART 3.1.3

COHESIONLESS SOILS.

COMPACTED SAND BEDDING UNDER SLAB.

- LAP SLAB MESH 2 CROSSWIRES MINIMUM LAPS UNLESS OTHERWISE

- 90 x 35 NOGS @ 1350 CRS GENERALLY, 900 CRS FOR CUSTOM ORB CLADDING.

- 4mm STRUCTURAL PLY FIXED WITH 2.8 x 30 GAL. FLATHEAD NAILS @ :

- USE 6mm VILLABOARD IN LIEU OF PLY TO WET AREAS. - FIX BRACE WALLS TO ROOF FRAMING WHERE NOT OTHERWISE CONNECTED. - USE 6mm VILLABOARD IN LIEU OF PLY IN WET AREAS

- JD4 JOINT GROUP FOR PINE TRUSSES.

· LAPS, FLASHINGS AND GENERAL INSTALLATION IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATION.

- ALL STEEL WORKS TO BE CARRIED OUT TO AUSTRALIAN

LENGTH TO EXCLUDE THE THREAD FROM THE SHEAR PLANE

CLEATS, BRACKETS, STIFFENERS ETC. TO BE 10mm PLATE

- CHEMSET ANCHORS TO BE RAMSET SPIN CAPSULES OR SERIES

ABRASIVE CLEANED TO CLASS 2.5 LEVEL & PAINTED - PAINTING SHALL CONSIST OF ONE COAT OF APPROVED METAL

- ALL TIMBER USED IN PROJECT TO BE EITHER NATURALLY RESISTANT TO TERMITE ATTACK (AS LISTED IN AS3660.1-- LOSP TREATED TIMBER TO BE TREATED TO H2 LEVEL FOR ALL

AREAS, SUCH AS TRUSSES, WALL FRAMING AND SUB-FLOOR - H3 LEVEL APPLICATIONS TO BE ABOVE GROUND, OUTSIDE,

PICKETS & RAILS. PERGOLAS, EXPOSED FLOOR JOISTS AND BEARERS AND EXTERNAL WALL CLADDINGS, DUE TO THE DYE PIGMENT CONTAINED IN LOSP TREATED TIMBERS, ALL INTERNAL ARCHITRAVES AND MOULDINGS TO BE EITHER NATURALLY RESISTANT TIMBERS OR H3 LEVEL LOSP TREATED TIMBERS. - ALL SLAB PENETRATIONS TO HAVE TERMIMESH MARINE GRADE STEEL COLLARS FITTED BY MANUFACTURER'S QUALIFIED

- BUILDER TO PROVIDE 2 DURABLE NOTICES PERMANENTLY FIXED IN PROMINENT LOCATIONS, SUCH AS THE ELECTRICITY METER BOX AND A KITCHEN CUPBOARD. THE NOTICE TO

- WHERE A CHEMICAL BARRIER IS USED, ITS LIFE EXPECTANCY AS LISTED ON THE NATIONAL REGISTRATION AUTHORITY LABEL. - THE INSTALLER'S OR MANUFACTURER'S RECOMMENDATIONS FOR THE SCOPE AND FREQUENCY OF FUTURE INSPECTIONS

THE BUILDER MAY PROVIDE AN ALTERNATIVE TERMITE TREATMENT SYSTEM PROVIDE SUCH SYSTEMIS CERTIFIED WITH THE AUSTRALIAN BUILDING CODES BOARD AS REQUIRED BY THE

GENERALLY, THE TERMITE TREATMENT SHALL COMPLY WITH

ELECTRICAL:

- A MINIMUM 80% OF THE TOTAL FIXED INTERNAL LIGHTING WILL BE FITTED WITH ENERGY EFFICIENT LIGHTING AS DEFINED BY QDC PART MP 4.1 (MIN. 27 LUMENS PER WATT). IF AIR CONDITIONERS ARE BEING INSTALLED THEY WILL HAVE A MINIMUM 4-STAR MINIMUM ENERGY PERFORMANCE STANDARD (MEPS) RATING, ELECTRICIAN TO PROVIDE FORM 16 CERTIFICATE FOR ALL ABOVE ITEMS HAVE BEEN COMPLIED WITH. PROVIDE ADDITIONAL DOCUMENTATION FROM LIGHT MANUFACTURER CONFIRMING THE LIGHT FITTINGS ACHIEVE THE MINIMUM 27 LUMENS PER WATT.

PLUMBING

- ALL SHOWER ROSES TO BE 3 STAR (WELS) RATED IN ACCORDANCE WITH AS/NZS 6400:2004: 4 STAR WATER EFFICENCY LABELING AND STANDARDS (WELS) SCHEME RATED CISTERNS WILL BE INSTALLED TO ALL WATER CLOSETS PREVIOUSLY 3-STAR WELS RATED. - MINIMUM 3-STAR WELS RATED TAP WARE WILL BE INSTALLED TO ALL KITCHEN SINKS, BATHROOM BASINS AND LAUNDRY TROUGHS. - PLUMBER TO PROVIDE FORM 16 COMPLIANCE CERTIFICATE FOR ALL ABOVE ITEMS - REFER TO WASTEWATER CONSULTANTS - DISPOSAL ASSESSMENT REPORT WC20647 DATE 12.03.2012

AIR CONDITIONING:

- BUILDER TO NOTE THAT SPLIT AIR CONDITIONING UNITS TO BE INSTALLED WHERE REQUIRED BY OWNER OR AS PER PLAN ONLY . ALLOWANCE TO BE MADE FOR THE INSTALLATION OF GAS PIPES AND CONDENSATION DRAINS AT TIME OF POURING SLAB AND ERECTING WALLS. - ALL PIPES TO BE INSULATED AS REQUIRED. - INSTALLATION TO BE IN ACCORDANCE WITH MANUFACTURERS SPECIFICATION.

______100

FALL.

-100

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LEGEND:	
@	AT
ACCORD. AS	ACCORDING AUSTRALIAN STANDARD CODES
NCC	NATIONAL CONSTRUCTION CODE
CMB	CONCRETE MASONRY BLOCK
CONC. COS	CONCRETE CONFIRM ON SITE
CRS	CENTRES
CS CDV	CAVITY SLIDER
CSK CT	COUNTERSUNK COOK TOP
CFW	CONTINUOUS FILLET WELD
dia. DPC	DIAMETER DAMP PROOF COURSE
DW	DISHWASTER
D.P	DOWN PIPE EQUAL ANGLE
EA EJ	EXPANSION JOINT
FC	FIBRE-CEMENT
FFL FH	FINISHED FLOOR LEVEL FLAT HEAD NAILS
g	GUAGE (BOLTS, SCREWS)
GAL	GALVANISING
HH HEX.	HEAD HEIGHT Hexagonal Head (Bolt)
HT	HEIGHT
HWD HWS	HARDWOOD HOT WATER SYSTEM
LOSP	LIGHT ORGANIC SOLVENT PRESERVATIVE
MM	MILLIMETRES
MANUF. MAX.	MANUFACTURER MAXIMUM
MIN.	MINIMUM
MGP MIC	MACHINE GRADED PINE MICROWAVE OVEN
MS	MILD STEEL
NGL OG	NATURAL GROUND LEVEL OBSCURE GLASS
PL	PLATE
PVC	POLYVINYL CHLORIDE
Reinf Rhs	REINFORCING Rectangular Hollow Section
SC	SAW CUT
SD SGD	SLIDING DOOR SLIDING GLASS DOOR
SGW	SLIDING GLASS DOOR
SHS	SQUARE HOLLOW SECTION
SS SPEC	STAINLESS STEEL SPECIFICATION
SHS	SQUARE HOLLOW SECTION
T&G TOS	TONGUE & GROOVE TOP OF SLAB
TOW	TOP OF WALL
UA.	
UB UNO	UNIVERSAL BEAM UNLESS NOTED OTHERWISE
	LINTEL NUMBER
(<u>D01</u>)	DOOR NUMBER
(WO1)	WINDOW NUMBER
SHEET REFERENCE	SECTION MARKER
VIEW DIRECTION SHEET REFERENCE	ELEVATION KEY
01 01 04 04 04 04 04 04 04 04 04 04	DETAIL CALLOUT
LOUNGE 2800 PB CT	ROOM NAME CEILING HEIGHT CEILING MATERIAL FLOOR FINISH
	BRACE WALL
	BEDNICED EVEL

REDUCED LEVEL SLAB SETDOWN

SLA8 FALL SLAB THICKNESS

ULTIMATE & SERVICEABILITY LIMIT STATE DESIGN WIND PRESSURES WIND DESIGN GUST DESIGN PRESSURE CLASS | WIND SPEED (kPa) (m/s)

	¥h,u	V ħ,s	GREATER THAN 1.2m FROM CORNERS			TO CORNERS
	ULS	SES	ULS	SLS	ULS	SLS
C3	74	47	±3.94	±1.19	-5.91	-1.79

DRAWING REGISTER

SHEET	TITLE	REV
01	SITE PLAN, GENERAL NOTES & LEGEND	
02	FLOOR PLAN	
03	ELEVATIONS & SECTIONS	
64	SLAB / ROOF FRAMING PLANS & DETAILS	
05	ELECTRICAL LAYOUTS	

FLOOR AREAS

INTERNAL	308m²
EXTERNAL UNDER COVER	110m²
GFA	418m²
SITE AREA	7638m²
COVERAGE %	5.47

PROJECT SHANNONVALE HOUSE

PROJECT NUMBER L16TLOWDV

THOMPSON LOW DRIVE DRVE SHANNONVALE Q 4873

GMA Certification Pty Ltd

A.B.N. 53 150 435 617

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Purchase No: 00028818 Date: 19/01/2017 BA NUMBER: 20164713

SITE ADDRESS:

LOT 16 Thompson Low Dr, Shannonvale

Douglas Shire Council PO Box 723 Mossman QLD 4873

TO:

	ION					AMOUNT	CC
S.C Plan	ining Applicati	on Fees				\$306.00	FI
our Invoi	ce No.:		Vendor AB	N: 71 241 237 800		ST: \$0.00	
our Invoi	ce No.: Rate	GST	Vendor AB Sale Amount	N: 71 241 237 800	Total inc G	ST: \$306.00	
Code FRE		GST \$0.00		N: 71 241 237 800		ST: \$306.00	
Code	Rate		Sale Amount	N: 71 241 237 800	Total inc G	ST: \$306.00	
Code FRE	Rate 0%	\$0.00	Sale Amount \$306.00	N : 71 241 237 800	Total inc G	ST: \$306.00 ed: \$0.00	

PLEASE QUOTE our Purchase Order Number on the Receipt.

Receipts can be emailed or posted to the address at the top of this Purchase Order.