

10/10/2023

Chief Executive Officer
Douglas Shire Council
PO Box 723
Mossman QLD 4873

Dear Sir/Madam,

MCU application for a Dwelling and Garage located at 50 Lower Cassowary Road, Cassowary QLD 4873 (1 RP718119)

Please find attached our Material Change of Use application and report which demonstrates compliance with the relevant performance requirements of Douglas Shire Planning Scheme 2018 for a proposed Dwelling and Garage located at 50 Lower Cassowary Road, Cassowary QLD 4873 (Lot 1 RP718119)

The subject property had an existing dwelling house which has recently been demolished with a proposed new house to be constructed in the same location. The allotment is within the Rural Zone under the Douglas Shire Planning Scheme 2018. Within this zone, building work is self-assessable development, provided the development meets all the acceptable outcomes of the self-assessable criteria of the relevant Codes. As such, an assessment against the relevant acceptable outcomes has revealed one departure from the acceptable outcomes. Given the departure, the building work is deemed code assessable development requiring compliance with the applicable performance requirements.

This referral agency application is in relation to the non-compliance issues with the Douglas Shire Planning Scheme 2018: -

- Rural Zone Code

Please find below our code assessment of the building work which demonstrates compliance with the applicable performance criteria.

If you have any queries or require any additional information, please do not hesitate to contact Scott Dillon on 07 4222 9888

Yours faithfully,



Scott Dillon



The Building Approval Company

DA Form 1 – Development application details

Approved form (version 1.3 effective 28 September 2020) made under section 282 of the Planning Act 2016.

This form **must** be used to make a development application **involving code assessment or impact assessment**, except when applying for development involving only building work.

For a development application involving **building work only**, use *DA Form 2 – Building work details*.

For a development application involving **building work associated with any other type of assessable development (i.e. material change of use, operational work or reconfiguring a lot)**, use this form (*DA Form 1*) and parts 4 to 6 of *DA Form 2 – Building work details*.

Unless stated otherwise, all parts of this form **must** be completed in full and all required supporting information **must** accompany the development application.

One or more additional pages may be attached as a schedule to this development application if there is insufficient space on the form to include all the necessary information.

This form and any other form relevant to the development application must be used to make a development application 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*. For the purpose of assessing a development application relating to strategic port land and Brisbane core port land, any reference to a planning scheme is taken to mean a land use plan for the strategic port land, Brisbane port land use plan for Brisbane core port land, or a land use plan for airport land.

Note: All terms used in this form have the meaning given under the Planning Act 2016, the Planning Regulation 2017, or the Development Assessment Rules (DA Rules).

PART 1 – APPLICANT DETAILS

1) Applicant details	
Applicant name(s) (individual or company full name)	Austart Homes C/- The Building Approval Company
Contact name (only applicable for companies)	Scott Dillon
Postal address (P.O. Box or street address)	PO Box 74
Suburb	Redlynch
State	QLD
Postcode	4870
Country	Australia
Contact number	07 4222 9833
Email address (non-mandatory)	sdillon@tbac.com.au
Mobile number (non-mandatory)	0499 620 082
Fax number (non-mandatory)	
Applicant's reference number(s) (if applicable)	232087/01

2) Owner's consent	
2.1) Is written consent of the owner required for this development application?	
<input type="checkbox"/> Yes – the written consent of the owner(s) is attached to this development application	
<input checked="" type="checkbox"/> No – proceed to 3)	

PART 2 – LOCATION DETAILS

3) Location of the premises (complete 3.1) or 3.2), and 3.3) as applicable)

Note: Provide details below and attach a site plan for any or all premises part of the development application. For further information, see [DA Forms Guide: Relevant plans](#).

3.1) Street address and lot on plan

☒ Street address **AND** lot on plan (all lots must be listed), **or**

☐ Street address **AND** lot on plan for an adjoining or adjacent property of the premises (appropriate for development in water but adjoining or adjacent to land e.g. jetty, pontoon. All lots must be listed).

a)	Unit No.	Street No.	Street Name and Type	Suburb
		50	Lower Cassowary Road	Cassowary
	Postcode	Lot No.	Plan Type and Number (e.g. RP, SP)	Local Government Area(s)
	4873	1	RP718119	Douglas Shire Council
b)	Unit No.	Street No.	Street Name and Type	Suburb
	Postcode	Lot No.	Plan Type and Number (e.g. RP, SP)	Local Government Area(s)

3.2) Coordinates of premises (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)

Note: Place each set of coordinates in a separate row.

☐ Coordinates of premises by longitude and latitude

Longitude(s)	Latitude(s)	Datum	Local Government Area(s) (if applicable)
		<input type="checkbox"/> WGS84 <input type="checkbox"/> GDA94 <input type="checkbox"/> Other:	

☐ Coordinates of premises by easting and northing

Easting(s)	Northing(s)	Zone Ref.	Datum	Local Government Area(s) (if applicable)
		<input type="checkbox"/> 54 <input type="checkbox"/> 55 <input type="checkbox"/> 56	<input type="checkbox"/> WGS84 <input type="checkbox"/> GDA94 <input type="checkbox"/> Other:	

3.3) Additional premises

- ☐ Additional premises are relevant to this development application and the details of these premises have been attached in a schedule to this development application
- ☐ Not required

4) Identify any of the following that apply to the premises and provide any relevant details

☐ In or adjacent to a water body or watercourse or in or above an aquifer

Name of water body, watercourse or aquifer:

☐ On strategic port land under the *Transport Infrastructure Act 1994*

Lot on plan description of strategic port land:

Name of port authority for the lot:

☐ In a tidal area

Name of local government for the tidal area (if applicable):

Name of port authority for tidal area (if applicable):

☐ On airport land under the *Airport Assets (Restructuring and Disposal) Act 2008*

Name of airport:	
<input type="checkbox"/> Listed on the Environmental Management Register (EMR) under the <i>Environmental Protection Act 1994</i>	
EMR site identification:	
<input type="checkbox"/> Listed on the Contaminated Land Register (CLR) under the <i>Environmental Protection Act 1994</i>	
CLR site identification:	

5) Are there any existing easements over the premises?

Note: Easement uses vary throughout Queensland and are to be identified correctly and accurately. For further information on easements and how they may affect the proposed development, see [DA Forms Guide](#).

- ☐ Yes – All easement locations, types and dimensions are included in plans submitted with this development application
- ☒ No

PART 3 – DEVELOPMENT DETAILS

Section 1 – Aspects of development

6.1) Provide details about the first development aspect
a) What is the type of development? <i>(tick only one box)</i>
<input checked="" type="checkbox"/> Material change of use <input type="checkbox"/> Reconfiguring a lot <input type="checkbox"/> Operational work <input type="checkbox"/> Building work
b) What is the approval type? <i>(tick only one box)</i>
<input checked="" type="checkbox"/> Development permit <input type="checkbox"/> Preliminary approval <input type="checkbox"/> Preliminary approval that includes a variation approval
c) What is the level of assessment?
<input checked="" type="checkbox"/> Code assessment <input type="checkbox"/> Impact assessment <i>(requires public notification)</i>
d) Provide a brief description of the proposal <i>(e.g. 6 unit apartment building defined as multi-unit dwelling, reconfiguration of 1 lot into 3 lots):</i>
Dwelling and Garage
e) Relevant plans
Note: <i>Relevant plans are required to be submitted for all aspects of this development application. For further information, see DA Forms guide: Relevant plans.</i>
<input checked="" type="checkbox"/> Relevant plans of the proposed development are attached to the development application
6.2) Provide details about the second development aspect
a) What is the type of development? <i>(tick only one box)</i>
<input type="checkbox"/> Material change of use <input type="checkbox"/> Reconfiguring a lot <input type="checkbox"/> Operational work <input type="checkbox"/> Building work
b) What is the approval type? <i>(tick only one box)</i>
<input type="checkbox"/> Development permit <input type="checkbox"/> Preliminary approval <input type="checkbox"/> Preliminary approval that includes a variation approval
c) What is the level of assessment?
<input type="checkbox"/> Code assessment <input type="checkbox"/> Impact assessment <i>(requires public notification)</i>
d) Provide a brief description of the proposal <i>(e.g. 6 unit apartment building defined as multi-unit dwelling, reconfiguration of 1 lot into 3 lots):</i>
e) Relevant plans
Note: <i>Relevant plans are required to be submitted for all aspects of this development application. For further information, see DA Forms Guide: Relevant plans.</i>
<input type="checkbox"/> Relevant plans of the proposed development are attached to the development application
6.3) Additional aspects of development

- ☐ Additional aspects of development are relevant to this development application and the details for these aspects that would be required under Part 3 Section 1 of this form have been attached to this development application
- ☐ Not required

Section 2 – Further development details

7) Does the proposed development application involve any of the following?

Material change of use	<input checked="" type="checkbox"/> Yes – complete division 1 if assessable against a local planning instrument
Reconfiguring a lot	<input type="checkbox"/> Yes – complete division 2
Operational work	<input type="checkbox"/> Yes – complete division 3
Building work	<input checked="" type="checkbox"/> Yes – complete <i>DA Form 2 – Building work details</i>

Division 1 – Material change of use

Note: This division is only required to be completed if any part of the development application involves a material change of use assessable against a local planning instrument.

8.1) Describe the proposed material change of use

Provide a general description of the proposed use	Provide the planning scheme definition (include each definition in a new row)	Number of dwelling units (if applicable)	Gross floor area (m ²) (if applicable)
Dwelling and Garage			167

8.2) Does the proposed use involve the use of existing buildings on the premises?

☐ Yes

☐ No

Division 2 – Reconfiguring a lot

Note: This division is only required to be completed if any part of the development application involves reconfiguring a lot.

9.1) What is the total number of existing lots making up the premises?

9.2) What is the nature of the lot reconfiguration? (tick all applicable boxes)

<input type="checkbox"/> Subdivision (complete 10))	<input type="checkbox"/> Dividing land into parts by agreement (complete 11))
<input type="checkbox"/> Boundary realignment (complete 12))	<input type="checkbox"/> Creating or changing an easement giving access to a lot from a constructed road (complete 13))

10) Subdivision

10.1) For this development, how many lots are being created and what is the intended use of those lots:

Intended use of lots created	Residential	Commercial	Industrial	Other, please specify:
Number of lots created				

10.2) Will the subdivision be staged?

☐ Yes – provide additional details below

☐ No

How many stages will the works include?

What stage(s) will this development application apply to?

11) Dividing land into parts by agreement – how many parts are being created and what is the intended use of the parts?				
Intended use of parts created	Residential	Commercial	Industrial	Other, please specify:
Number of parts created				

12) Boundary realignment			
12.1) What are the current and proposed areas for each lot comprising the premises?			
Current lot		Proposed lot	
Lot on plan description	Area (m ²)	Lot on plan description	Area (m ²)
12.2) What is the reason for the boundary realignment?			

13) What are the dimensions and nature of any existing easements being changed and/or any proposed easement? (attach schedule if there are more than two easements)				
Existing or proposed?	Width (m)	Length (m)	Purpose of the easement? (e.g. pedestrian access)	Identify the land/lot(s) benefitted by the easement

Division 3 – Operational work

Note: This division is only required to be completed if any part of the development application involves operational work.

14.1) What is the nature of the operational work?	
<input type="checkbox"/> Road work <input type="checkbox"/> Drainage work <input type="checkbox"/> Landscaping <input type="checkbox"/> Other – please specify:	<input type="checkbox"/> Stormwater <input type="checkbox"/> Earthworks <input type="checkbox"/> Signage <input type="checkbox"/> Water infrastructure <input type="checkbox"/> Sewage infrastructure <input type="checkbox"/> Clearing vegetation
14.2) Is the operational work necessary to facilitate the creation of new lots? (e.g. subdivision)	
<input type="checkbox"/> Yes – specify number of new lots:	
<input type="checkbox"/> No	
14.3) What is the monetary value of the proposed operational work? (include GST, materials and labour)	
\$ \$0.00	

PART 4 – ASSESSMENT MANAGER DETAILS

15) Identify the assessment manager(s) who will be assessing this development application
Cairns Regional Council
16) Has the local government agreed to apply a superseded planning scheme for this development application?
<input type="checkbox"/> Yes – a copy of the decision notice is attached to this development application <input type="checkbox"/> The local government is taken to have agreed to the superseded planning scheme request – relevant documents attached <input checked="" type="checkbox"/> No

PART 5 – REFERRAL DETAILS

17) Does this development application include any aspects that have any referral requirements?

Note: A development application will require referral if prescribed by the Planning Regulation 2017.

- ☒ No, there are no referral requirements relevant to any development aspects identified in this development application – proceed to Part 6

Matters requiring referral to the **Chief Executive of the Planning Act 2016**:

- ☐ Clearing native vegetation
- ☐ Contaminated land (*unexploded ordnance*)
- ☐ Environmentally relevant activities (ERA) (*only if the ERA has not been devolved to a local government*)
- ☐ Fisheries – aquaculture
- ☐ Fisheries – declared fish habitat area
- ☐ Fisheries – marine plants
- ☐ Fisheries – waterway barrier works
- ☐ Hazardous chemical facilities
- ☐ Heritage places – Queensland heritage place (*on or near a Queensland heritage place*)
- ☐ Infrastructure-related referrals – designated premises
- ☐ Infrastructure-related referrals – state transport infrastructure
- ☐ Infrastructure-related referrals – State transport corridor and future State transport corridor
- ☐ Infrastructure-related referrals – State-controlled transport tunnels and future state-controlled transport tunnels
- ☐ Infrastructure-related referrals – near a state-controlled road intersection
- ☐ Koala habitat in SEQ region – interfering with koala habitat in koala habitat areas outside koala priority areas
- ☐ Koala habitat in SEQ region – key resource areas
- ☐ Ports – Brisbane core port land – near a State transport corridor or future State transport corridor
- ☐ Ports – Brisbane core port land – environmentally relevant activity (ERA)
- ☐ Ports – Brisbane core port land – tidal works or work in a coastal management district
- ☐ Ports – Brisbane core port land – hazardous chemical facility
- ☐ Ports – Brisbane core port land – taking or interfering with water
- ☐ Ports – Brisbane core port land – referable dams
- ☐ Ports – Brisbane core port land – fisheries
- ☐ Ports – Land within Port of Brisbane's port limits (*below high-water mark*)
- ☐ SEQ development area
- ☐ SEQ regional landscape and rural production area or SEQ rural living area – tourist activity or sport and recreation activity
- ☐ SEQ regional landscape and rural production area or SEQ rural living area – community activity
- ☐ SEQ regional landscape and rural production area or SEQ rural living area – indoor recreation
- ☐ SEQ regional landscape and rural production area or SEQ rural living area – urban activity
- ☐ SEQ regional landscape and rural production area or SEQ rural living area – combined use
- ☐ Tidal works or works in a coastal management district
- ☐ Reconfiguring a lot in a coastal management district or for a canal
- ☐ Erosion prone area in a coastal management district
- ☐ Urban design
- ☐ Water-related development – taking or interfering with water
- ☐ Water-related development – removing quarry material (*from a watercourse or lake*)
- ☐ Water-related development – referable dams
- ☐ Water-related development – levees (*category 3 levees only*)

<input type="checkbox"/> Wetland protection area
Matters requiring referral to the local government :
<input type="checkbox"/> Airport land
<input type="checkbox"/> Environmentally relevant activities (ERA) <i>(only if the ERA has been devolved to local government)</i>
<input type="checkbox"/> Heritage places – Local heritage places
Matters requiring referral to the Chief Executive of the distribution entity or transmission entity :
<input type="checkbox"/> Infrastructure-related referrals – Electricity infrastructure
Matters requiring referral to:
<ul style="list-style-type: none"> • The Chief Executive of the holder of the licence, if not an individual • The holder of the licence, if the holder of the licence is an individual
<input type="checkbox"/> Infrastructure-related referrals – Oil and gas infrastructure
Matters requiring referral to the Brisbane City Council :
<input type="checkbox"/> Ports – Brisbane core port land
Matters requiring referral to the Minister responsible for administering the Transport Infrastructure Act 1994 :
<input type="checkbox"/> Ports – Brisbane core port land <i>(where inconsistent with the Brisbane port LUP for transport reasons)</i>
<input type="checkbox"/> Ports – Strategic port land
Matters requiring referral to the relevant port operator , if applicant is not port operator:
<input type="checkbox"/> Ports – Land within Port of Brisbane's port limits <i>(below high-water mark)</i>
Matters requiring referral to the Chief Executive of the relevant port authority :
<input type="checkbox"/> Ports – Land within limits of another port <i>(below high-water mark)</i>
Matters requiring referral to the Gold Coast Waterways Authority :
<input type="checkbox"/> Tidal works or work in a coastal management district <i>(in Gold Coast waters)</i>
Matters requiring referral to the Queensland Fire and Emergency Service :
<input type="checkbox"/> Tidal works or work in a coastal management district <i>(involving a marina (more than six vessel berths))</i>

18) Has any referral agency provided a referral response for this development application?		
<input type="checkbox"/> Yes – referral response(s) received and listed below are attached to this development application		
<input checked="" type="checkbox"/> No		
Referral requirement	Referral agency	Date of referral response
Identify and describe any changes made to the proposed development application that was the subject of the referral response and this development application, or include details in a schedule to this development application <i>(if applicable)</i> .		

PART 6 – INFORMATION REQUEST

19) Information request under Part 3 of the DA Rules
<input checked="" type="checkbox"/> I agree to receive an information request if determined necessary for this development application
<input type="checkbox"/> I do not agree to accept an information request for this development application
Note: <i>By not agreeing to accept an information request I, the applicant, acknowledge:</i>
<ul style="list-style-type: none"> • that this development application will be assessed and decided based on the information provided when making this development application and the assessment manager and any referral agencies relevant to the development application are not obligated under the DA Rules to accept any additional information provided by the applicant for the development application unless agreed to by the relevant parties • Part 3 of the DA Rules will still apply if the application is an application listed under section 11.3 of the DA Rules.

PART 7 – FURTHER DETAILS

20) Are there any associated development applications or current approvals? (e.g. a preliminary approval)

- ☐ Yes – provide details below or include details in a schedule to this development application
☒ No

List of approval/development application references	Reference number	Date	Assessment manager
<input type="checkbox"/> Approval <input type="checkbox"/> Development application			
<input type="checkbox"/> Approval <input type="checkbox"/> Development application			

21) Has the portable long service leave levy been paid? (only applicable to development applications involving building work or operational work)

- ☒ Yes – a copy of the receipted QLeave form is attached to this development application
☐ No – I, the applicant will provide evidence that the portable long service leave levy has been paid before the assessment manager decides the development application. I acknowledge that the assessment manager may give a development approval only if I provide evidence that the portable long service leave levy has been paid
☐ Not applicable (e.g. building and construction work is less than \$150,000 excluding GST)

Amount paid	Date paid (dd/mm/yy)	QLeave levy number (A, B or E)
\$		

22) Is this development application in response to a show cause notice or required as a result of an enforcement notice?

- ☐ Yes – show cause or enforcement notice is attached
☒ No

23) Further legislative requirements

Environmentally relevant activities

23.1) Is this development application also taken to be an application for an environmental authority for an **Environmentally Relevant Activity (ERA)** under section 115 of the *Environmental Protection Act 1994*?

- ☐ Yes – the required attachment (form ESR/2015/1791) for an application for an environmental authority accompanies this development application, and details are provided in the table below
☒ No

Note: Application for an environmental authority can be found by searching “ESR/2015/1791” as a search term at www.qld.gov.au. An ERA requires an environmental authority to operate. See www.business.qld.gov.au for further information.

Proposed ERA number:		Proposed ERA threshold:	
Proposed ERA name:			

- ☐ Multiple ERAs are applicable to this development application and the details have been attached in a schedule to this development application.

Hazardous chemical facilities

23.2) Is this development application for a **hazardous chemical facility**?

- ☐ Yes – Form 69: Notification of a facility exceeding 10% of schedule 15 threshold is attached to this development application
☒ No

Note: See www.business.qld.gov.au for further information about hazardous chemical notifications.

Clearing native vegetation

23.3) Does this development application involve **clearing native vegetation** that requires written confirmation that the chief executive of the *Vegetation Management Act 1999* is satisfied the clearing is for a relevant purpose under section 22A of the *Vegetation Management Act 1999*?

☐ Yes – this development application includes written confirmation from the chief executive of the *Vegetation Management Act 1999* (s22A determination)

☒ No

Note: 1. Where a development application for operational work or material change of use requires a s22A determination and this is not included, the development application is prohibited development.

2. See <https://www.qld.gov.au/environment/land/vegetation/applying> for further information on how to obtain a s22A determination.

Environmental offsets

23.4) Is this development application taken to be a prescribed activity that may have a significant residual impact on a **prescribed environmental matter** under the *Environmental Offsets Act 2014*?

☐ Yes – I acknowledge that an environmental offset must be provided for any prescribed activity assessed as having a significant residual impact on a prescribed environmental matter

☒ No

Note: The environmental offset section of the Queensland Government's website can be accessed at www.qld.gov.au for further information on environmental offsets.

Koala habitat in SEQ Region

23.5) Does this development application involve a material change of use, reconfiguring a lot or operational work which is assessable development under Schedule 10, Part 10 of the Planning Regulation 2017?

☐ Yes – the development application involves premises in the koala habitat area in the koala priority area

☐ Yes – the development application involves premises in the koala habitat area outside the koala priority area

☒ No

Note: If a koala habitat area determination has been obtained for this premises and is current over the land, it should be provided as part of this development application. See koala habitat area guidance materials at www.des.qld.gov.au for further information.

Water resources

23.6) Does this development application involve **taking or interfering with underground water through an artesian or subartesian bore, taking or interfering with water in a watercourse, lake or spring, or taking overland flow water under the Water Act 2000**?

☐ Yes – the relevant template is completed and attached to this development application and I acknowledge that a relevant authorisation or licence under the *Water Act 2000* may be required prior to commencing development

☒ No

Note: Contact the Department of Natural Resources, Mines and Energy at www.dnrme.qld.gov.au for further information.

DA templates are available from <https://planning.dsdmip.qld.gov.au/>. If the development application involves:

- Taking or interfering with underground water through an artesian or subartesian bore: complete DA Form 1 Template 1
- Taking or interfering with water in a watercourse, lake or spring: complete DA Form 1 Template 2
- Taking overland flow water: complete DA Form 1 Template 3.

Waterway barrier works

23.7) Does this application involve **waterway barrier works**?

☐ Yes – the relevant template is completed and attached to this development application

☒ No

DA templates are available from <https://planning.dsdmip.qld.gov.au/>. For a development application involving waterway barrier works, complete DA Form 1 Template 4.

Marine activities

23.8) Does this development application involve **aquaculture, works within a declared fish habitat area or removal, disturbance or destruction of marine plants**?

☐ Yes – an associated *resource* allocation authority is attached to this development application, if required under the *Fisheries Act 1994*

☒ No

Note: See guidance materials at www.daf.qld.gov.au for further information.

Quarry materials from a watercourse or lake

23.9) Does this development application involve the **removal of quarry materials from a watercourse or lake** under the *Water Act 2000*?

☐ Yes – I acknowledge that a quarry material allocation notice must be obtained prior to commencing development

☒ No

Note: Contact the Department of Natural Resources, Mines and Energy at www.dnrme.qld.gov.au and www.business.qld.gov.au for further information.

Quarry materials from land under tidal waters

23.10) Does this development application involve the **removal of quarry materials from land under tidal water** under the *Coastal Protection and Management Act 1995*?

☐ Yes – I acknowledge that a quarry material allocation notice must be obtained prior to commencing development

☒ No

Note: Contact the Department of Environment and Science at www.des.qld.gov.au for further information.

Referable dams

23.11) Does this development application involve a **referable dam** required to be failure impact assessed under section 343 of the *Water Supply (Safety and Reliability) Act 2008* (the *Water Supply Act*)?

☐ Yes – the 'Notice Accepting a Failure Impact Assessment' from the chief executive administering the *Water Supply Act* is attached to this development application

☒ No

Note: See guidance materials at www.dnrme.qld.gov.au for further information.

Tidal work or development within a coastal management district

23.12) Does this development application involve **tidal work or development in a coastal management district**?

☐ Yes – the following is included with this development application:

- ☐ Evidence the proposal meets the code for assessable development that is prescribed tidal work (*only required if application involves prescribed tidal work*)
- ☐ A certificate of title

☒ No

Note: See guidance materials at www.des.qld.gov.au for further information.

Queensland and local heritage places

23.13) Does this development application propose development on or adjoining a place entered in the **Queensland heritage register** or on a place entered in a local government's **Local Heritage Register**?

☐ Yes – details of the heritage place are provided in the table below

☒ No

Note: See guidance materials at www.des.qld.gov.au for information requirements regarding development of Queensland heritage places.

Name of the heritage place:		Place ID:	
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Brothels

23.14) Does this development application involve a **material change of use for a brothel**?

☐ Yes – this development application demonstrates how the proposal meets the code for a development application for a brothel under Schedule 3 of the *Prostitution Regulation 2014*

☒ No

Decision under section 62 of the *Transport Infrastructure Act 1994*

23.15) Does this development application involve new or changed access to a state-controlled road?

- ☐ Yes – this application will be taken to be an application for a decision under section 62 of the *Transport Infrastructure Act 1994* (subject to the conditions in section 75 of the *Transport Infrastructure Act 1994* being satisfied)
- ☒ No

Walkable neighbourhoods assessment benchmarks under Schedule 12A of the Planning Regulation

23.16) Does this development application involve reconfiguring a lot into 2 or more lots in certain residential zones (except rural residential zones), where at least one road is created or extended?

- ☐ Yes – Schedule 12A is applicable to the development application and the assessment benchmarks contained in schedule 12A have been considered
- ☒ No

Note: See guidance materials at www.planning.dsdmip.qld.gov.au for further information.

PART 8 – CHECKLIST AND APPLICANT DECLARATION

24) Development application checklist

I have identified the assessment manager in question 15 and all relevant referral requirement(s) in question 17 ☒ Yes

Note: See the *Planning Regulation 2017* for referral requirements

If building work is associated with the proposed development, Parts 4 to 6 of [DA Form 2 – Building work details](#) have been completed and attached to this development application ☒ Yes
☐ Not applicable

Supporting information addressing any applicable assessment benchmarks is with the development application ☒ Yes

Note: This is a mandatory requirement and includes any relevant templates under question 23, a planning report and any technical reports required by the relevant categorising instruments (e.g. local government planning schemes, State Planning Policy, State Development Assessment Provisions). For further information, see [DA Forms Guide: Planning Report Template](#).

Relevant plans of the development are attached to this development application ☒ Yes

Note: Relevant plans are required to be submitted for all aspects of this development application. For further information, see [DA Forms Guide: Relevant plans](#).

The portable long service leave levy for QLeave has been paid, or will be paid before a development permit is issued (see 21) ☒ Yes
☐ Not applicable

25) Applicant declaration

- ☒ By making this development application, I declare that all information in this development application is true and correct
- ☒ Where an email address is provided in Part 1 of this form, I consent to receive future electronic communications from the assessment manager and any referral agency for the development application where written information is required or permitted pursuant to sections 11 and 12 of the *Electronic Transactions Act 2001*

Note: It is unlawful to intentionally provide false or misleading information.

Privacy – Personal information collected in this form will be used by the assessment manager and/or chosen assessment manager, any relevant referral agency and/or building certifier (including any professional advisers which may be engaged by those entities) while processing, assessing and deciding the development application. All information relating to this development application may be available for inspection and purchase, and/or published on the assessment manager's and/or referral agency's website.

Personal information will not be disclosed for a purpose unrelated to the *Planning Act 2016*, *Planning Regulation 2017* and the *DA Rules* except where:

- such disclosure is in accordance with the provisions about public access to documents contained in the *Planning Act 2016* and the *Planning Regulation 2017*, and the access rules made under the *Planning Act 2016* and *Planning Regulation 2017*; or
- required by other legislation (including the *Right to Information Act 2009*); or
- otherwise required by law.

This information may be stored in relevant databases. The information collected will be retained as required by the *Public Records Act 2002*.

PART 9 – FOR COMPLETION OF THE ASSESSMENT MANAGER – FOR OFFICE USE ONLY

Date received:

Reference number(s):

Notification of engagement of alternative assessment manager

Prescribed assessment manager	
Name of chosen assessment manager	
Date chosen assessment manager engaged	
Contact number of chosen assessment manager	
Relevant licence number(s) of chosen assessment manager	

QLeave notification and payment

Note: For completion by assessment manager if applicable

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

DA Form 2 – Building work details

Approved form (version 1.2 effective 7 February 2020) made under Section 282 of the Planning Act 2016.

This form **must** be used to make a development application **involving building work**.

For a development application involving **building work only**, use this form (DA Form 2) only. The DA Forms Guide provides advice about how to complete this form.

For a development application involving **building work associated and any other type of assessable development** (i.e. material change of use, operational work or reconfiguring a lot), use *DA Form 1 – Development application details* and parts 4 to 6 of this form (DA Form 2).

Unless stated otherwise, all parts of this form **must** be completed in full and all required supporting information **must** accompany the development application.

One or more additional pages may be attached as a schedule to this development application if there is insufficient space on the form to include all the necessary information.

This form and any other form relevant to the development application must be used to make a development application 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*. For the purpose of assessing a development application relating to strategic port land and Brisbane core port land, any reference to a planning scheme is taken to mean a land use plan for the strategic port land, Brisbane port land use plan for Brisbane core port land, or a land use plan for airport land.

Note: All terms used in this form have the meaning given under the Planning Act 2016, the Planning Regulation 2017, or the Development Assessment Rules (DA Rules).

PART 1 – APPLICANT DETAILS

1) Applicant details	
Applicant name(s) (individual or company full name)	Austart Homes C/- The Building Approval Company
Contact name (only applicable for companies)	Scott Dillon
Postal address (PO Box or street address)	PO Box 74
Suburb	Redlynch
State	QLD
Postcode	4870
Country	Australia
Contact number	07 4222 9833
Email address (non-mandatory)	sdillon@tbac.com.au
Mobile number (non-mandatory)	0499 620 082
Fax number (non-mandatory)	
Applicant's reference number(s) (if applicable)	232087/01

PART 2 – LOCATION DETAILS

2) Location of the premises (complete 2.1 and 2.2 if applicable)	
Note: Provide details below and attach a site plan for any or all premises part of the development application. For further information, see DA Forms Guide: Relevant plans .	
2.1) Street address and lot on plan	
<input checked="" type="checkbox"/> Street address AND lot on plan (all lots must be listed), or	
<input type="checkbox"/> Street address AND lot on plan for an adjoining or adjacent property of the premises (appropriate for development in water but adjoining or adjacent to land e.g. jetty, pontoon. All lots must be listed).	

Unit No.	Street No.	Street Name and Type	Suburb
	50	Lower Cassowary Road	Cassowary
Postcode	Lot No.	Plan Type and Number (e.g. RP, SP)	Local Government Area(s)
4873	1	RP718119	Douglas Shire Council

2.2) Additional premises

- ☐ Additional premises are relevant to this development application and the details of these premises have been attached in a schedule to this development application
- ☒ Not required

3) Are there any existing easements over the premises?

Note: Easement uses vary throughout Queensland and are to be identified correctly and accurately. For further information on easements and how they may affect the proposed development, see the [DA Forms Guide](#)

- ☐ Yes – All easement locations, types and dimensions are included in plans submitted with this development application
- ☒ No

PART 3 – FURTHER DETAILS

4) Is the application only for building work assessable against the building assessment provisions?

- ☐ Yes – proceed to 8)
- ☒ No

5) Identify the assessment manager(s) who will be assessing this development application

Scott Dillon – The Building Approval Company

6) Has the local government agreed to apply a superseded planning scheme for this development application?

- ☐ Yes – a copy of the decision notice is attached to this development application
- ☐ The local government is taken to have agreed to the superseded planning scheme request – relevant documents attached
- ☒ No

7) Information request under Part 3 of the DA Rules

- ☒ I agree to receive an information request if determined necessary for this development application
- ☐ I do not agree to accept an information request for this development application

Note: By not agreeing to accept an information request I, the applicant, acknowledge:

- that this development application will be assessed and decided based on the information provided when making this development application and the assessment manager and any referral agencies relevant to the development application are not obligated under the DA Rules to accept any additional information provided by the applicant for the development application unless agreed to by the relevant parties.
- Part 3 of the DA Rules will still apply if the application is an application listed under section 11.3 of the DA Rules.

Further advice about information requests is contained in the [DA Forms Guide](#).

8) Are there any associated development applications or current approvals?

- ☐ Yes – provide details below or include details in a schedule to this development application
- ☒ No

List of approval/development application	Reference	Date	Assessment manager
<input type="checkbox"/> Approval			
<input type="checkbox"/> Development application			

<input type="checkbox"/> Approval			
<input type="checkbox"/> Development application			

9) Has the portable long service leave levy been paid?

- ☐ Yes – a copy of the receipted QLeave form is attached to this development application
- ☒ No – I, the applicant will provide evidence that the portable long service leave levy has been paid before the assessment manager decides the development application. I acknowledge that the assessment manager may give a development approval only if I provide evidence that the portable long service leave levy has been paid
- ☐ Not applicable (e.g. building and construction work is less than \$150,000 excluding GST)

Amount paid	Date paid (dd/mm/yy)	QLeave levy number (A, B or E)
-------------	----------------------	--------------------------------

10) Is this development application in response to a show cause notice or required as a result of an enforcement notice?

- ☐ Yes – show cause or enforcement notice is attached
- ☒ No

11) Identify any of the following further legislative requirements that apply to any aspect of this development application

- ☐ The proposed development is on a place entered in the **Queensland Heritage Register** or in a local government's **Local Heritage Register**. See the guidance provided at www.des.qld.gov.au about the requirements in relation to the development of a Queensland heritage place

Name of the heritage place:		Place ID:	
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PART 4 – REFERRAL DETAILS

12) Does this development application include any building work aspects that have any referral requirements?

- ☒ Yes – the *Referral checklist for building work* is attached to this development application
- ☐ No – proceed to Part 5

13) Has any referral agency provided a referral response for this development application?

- ☐ Yes – referral response(s) received and listed below are attached to this development application
- ☒ No

Referral requirement	Referral agency	Date referral response
	Douglas Shire Council	

Identify and describe any changes made to the proposed development application that was the subject of the referral response and this development application, or include details in a schedule to this development application (if applicable)

PART 5 – BUILDING WORK DETAILS

14) Owner's details

- ☐ Tick if the applicant is also the owner and proceed to 15). Otherwise, provide the following information.

Name(s) (individual or company full name)	Douglas McCormack
Contact name (applicable for companies)	Charmaine Matthews
Postal address (P.O. Box or street address)	PO Box 179

Suburb	Mossman
State	QLD
Postcode	4873
Country	Australia
Contact number	0417 765 711
Email address (non-mandatory)	doug.mccormack@hotmail.com
Mobile number (non-mandatory)	0417 765 711
Fax number (non-mandatory)	

15) Builder's details

☐ Tick if a builder has not yet been engaged to undertake the work and proceed to 16). Otherwise provide the following information.

Name(s) (individual or company full name)	Austart Homes
Contact name (applicable for companies)	Charmaine Matthews
QBCC licence or owner – builder number	1200115
Postal address (P.O. Box or street address)	PO Box 1077
Suburb	Smithfield
State	QLD
Postcode	4878
Contact number	(07) 4038 3855
Email address (non-mandatory)	ruth@austarthomes.com.au
Mobile number (non-mandatory)	
Fax number (non-mandatory)	

16) Provide details about the proposed building work

What type of approval is being sought?

- ☐ Development permit
☒ Preliminary approval

b) What is the level of assessment?

- ☒ Code assessment
☐ Impact assessment (requires public notification)

c) Nature of the proposed building work (tick all applicable boxes)

- | | |
|--|--|
| <input checked="" type="checkbox"/> New building or structure | <input type="checkbox"/> Repairs, alterations or additions |
| <input type="checkbox"/> Change of building classification (involving building work) | <input type="checkbox"/> Swimming pool and/or pool fence |
| <input type="checkbox"/> Demolition | <input type="checkbox"/> Relocation or removal |

d) Provide a description of the work below or in an attached schedule.

Dwelling and Garage

e) Proposed construction materials

External walls	<input type="checkbox"/> Double brick	<input type="checkbox"/> Steel	<input type="checkbox"/> Curtain glass
	<input type="checkbox"/> Brick veneer	<input type="checkbox"/> Timber	<input type="checkbox"/> Aluminium
	<input checked="" type="checkbox"/> Stone/concrete	<input type="checkbox"/> Fibre cement	<input type="checkbox"/> Other
Frame	<input checked="" type="checkbox"/> Timber	<input type="checkbox"/> Steel	<input type="checkbox"/> Aluminium
	<input type="checkbox"/> Other		
Floor	<input checked="" type="checkbox"/> Concrete	<input type="checkbox"/> Timber	<input type="checkbox"/> Other

Roof covering	<input type="checkbox"/> Slate/concrete <input type="checkbox"/> Aluminium	<input type="checkbox"/> Tiles <input checked="" type="checkbox"/> Steel	<input type="checkbox"/> Fibre cement <input type="checkbox"/> Other
f) Existing building use/classification? <i>(if applicable)</i>			
g) New building use/classification? <i>(if applicable)</i>			
Class 1a, 10a			
h) Relevant plans Note: Relevant plans are required to be submitted for all aspects of this development application. For further information, see DA Forms Guide: Relevant plans .			
<input checked="" type="checkbox"/> Relevant plans of the proposed works are attached to the development application			

17) What is the monetary value of the proposed building work?
\$0.00

18) Has Queensland Home Warranty Scheme Insurance been paid?		
<input type="checkbox"/> Yes – provide details below		
<input checked="" type="checkbox"/> No		
Amount paid	Date paid (dd/mm/yy)	Reference number

PART 6 – CHECKLIST AND APPLICANT DECLARATION

19) Development application checklist	
The relevant parts of <i>Form 2 – Building work details</i> have been completed	<input checked="" type="checkbox"/> Yes
This development application includes a material change of use, reconfiguring a lot or operational work and is accompanied by a completed <i>Form 1 – Development application details</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not applicable
Relevant plans of the development are attached to this development application Note: Relevant plans are required to be submitted for all aspects of this development application. For further information, see DA Forms Guide: Relevant plans .	<input checked="" type="checkbox"/> Yes
The portable long service leave levy for QLeave has been paid, or will be paid before a development permit is issued (<i>see 9</i>)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> Not applicable

20) Applicant declaration
<input checked="" type="checkbox"/> By making this development application, I declare that all information in this development application is true and correct
<input checked="" type="checkbox"/> Where an email address is provided in Part 1 of this form, I consent to receive future electronic communications from the assessment manager and any referral agency for the development application where written information is required or permitted pursuant to sections 11 and 12 of the <i>Electronic Transactions Act 2001</i> Note: It is unlawful to intentionally provide false or misleading information.
<p>Privacy – Personal information collected in this form will be used by the assessment manager and/or chosen assessment manager, any referral agency and/or building certifier (including any professional advisers which may be engaged by those entities) while processing, assessing and deciding the development application. All information relating to this development application may be available for inspection and purchase, and/or published on the assessment manager's and/or referral agency's website. Personal information will not be disclosed for a purpose unrelated to the <i>Planning Act 2016</i>, Planning Regulation 2017 and the DA Rules except where:</p> <ul style="list-style-type: none"> such disclosure is in accordance with the provisions about public access to documents contained in the <i>Planning Act 2016</i> and the Planning Regulation 2017, and the access rules made under the <i>Planning Act 2016</i> and Planning Regulation 2017; or required by other legislation (including the <i>Right to Information Act 2009</i>); or otherwise required by law.

This information may be stored in relevant databases. The information collected will be retained as required by the *Public Records Act 2002*.

PART 7 – FOR COMPLETION BY THE ASSESSMENT MANAGER – FOR OFFICE USE ONLY

Date received: Reference numbers:

For completion by the building certifier

Classification(s) of approved building work

Class 1a, 10a

Name	QBCC Certification Licence number	QBCC Insurance receipt number
Scott Dillon	A1091920	

Notification of engagement of alternative assessment manager

Prescribed assessment manager	
Name of chosen assessment manager	
Date chosen assessment manager engaged	
Contact number of chosen assessment manager	
Relevant licence number(s) of chosen assessment manager	

Additional information required by the local government

Confirm proposed construction materials:

External walls	<input type="checkbox"/> Double brick <input type="checkbox"/> Brick veneer <input checked="" type="checkbox"/> Stone/concrete	<input type="checkbox"/> Steel <input type="checkbox"/> Timber <input type="checkbox"/> Fibre cement	<input type="checkbox"/> Curtain glass <input type="checkbox"/> Aluminium <input type="checkbox"/> Other
Frame	<input checked="" type="checkbox"/> Timber <input type="checkbox"/> Other	<input type="checkbox"/> Steel	<input type="checkbox"/> Aluminium
Floor	<input checked="" type="checkbox"/> Concrete	<input type="checkbox"/> Timber	<input type="checkbox"/> Other
Roof covering	<input type="checkbox"/> Slate/concrete <input type="checkbox"/> Aluminium	<input type="checkbox"/> Tiles <input checked="" type="checkbox"/> Steel	<input type="checkbox"/> Fibre cement <input type="checkbox"/> Other

QLeave notification and payment

Note: For completion by assessment manager if applicable

Description of the work		Dwelling and Garage	
QLeave project number		N/A	
Amount paid (\$)		Date paid (dd/mm/yy)	
Date receipted form sighted by assessment manager			
Name of officer who sighted the form			

Additional building details required for the Australian Bureau of Statistics

Existing building use/classification? <i>(if applicable)</i>			
New building use/classification?		Class1a, 10a	
Site area (m²)	6055m²	Floor area (m²)	167m²



Site Classification

And

Wastewater Management System

For

Austart Homes

At

50 Lower Cassowary Road

Mossman

INTRODUCTION:

Earth Test has been engaged by Austart Homes to assess, design and report on Site Classification and a Domestic Wastewater Management System at 50 Lower Cassowary Road, Mossman.

Real Property Description:-

Lot 1, on RP 718119

Local Authority: Douglas Shire Council.

It is understood the intention is to construct a new dwelling at the site.

A site and soil evaluation was carried out in August 2023.

SITE FACTORS:

The site was identified during a meeting with the owner on-site.

The Lot has an area of 6055 square metres and is predominantly covered with grass.

The water supply to the site is reticulated.

It was noted that a dwelling has been removed from the site.

An intermittent watercourse flows at the rear of the property.

Two Dynamic Cone Penetrometer tests were performed at locations DCP1 & DCP2, two boreholes BH1 and BH2 and one constant head soil permeability test P1 as shown on the site plan.

Atterberg Limits tests were performed on a disturbed sample from Borehole1.



Site testing at 50 Lower Cassowary Road, Mossman



SITE INVESTIGATION REPORT

BOREHOLE LOG

CLIENT: Austart Homes.		DATE SAMPLED: 10/08/2023 Sampled by: G. Negri
PROJECT: 50 Lower Cassowary Road, Mossman.		
REPORT DATE: 28/08/2023		
BOREHOLE No: BH1		
DEPTH (m)	DESCRIPTION	COMMENTS
0.0-0.1	Topsoil	Disturbed sample 0.6- 0.9m. Watertable not encountered
0.1-0.8	Brown Sandy Gravelly Clay FILL	
0.8-1.5	Yellow-Brown Sandy Gravelly Clay FILL	
BOREHOLE No: BH2		
DEPTH (m)	DESCRIPTION	COMMENTS
0.0-0.5	Brown Sandy Gravelly Clay FILL	Watertable not encountered
0.5-0.8	Grey Sandy Silty-Clay	
0.8-1.5	Yellow Sandy Silty-Clay	



ATTERBERG LIMITS TEST REPORT

CLIENT: Austart Homes

SAMPLE No: SI 482-23

PROJECT: 50 Lower Cassowary Road, Mossman

DATE SAMPLED: 10/08/2023

SAMPLE DETAILS: BH1 0.6-0.9m

Sampled by: G. Negri

REPORT DATE: 28/08/2023

Tested By: K. Hodgson

TEST METHOD	RESULT
Liquid Limit: AS 1289.3.1.2	38%
Plastic Limit: AS 1289.3.2.1	27%
Plasticity Index: AS 1289.3.3.1	11%
Linear Shrinkage: AS 1289.3.4.1	4.0%
Length Of Mould:	125mm
Cracking, Crumbling, Curling, Number Of Breaks:	Nil
Sample History:	Oven Dried
Preparation Method:	Dry Sieved
Insitu Moisture Content:	19.0%
% Passing 0.075mm:	



DYNAMIC CONE PENETROMETER REPORT

AS 1289.6.3.2

CLIENT: Austart Homes

SAMPLE No: SI 482-23

PROJECT: 50 Lower Cassowary Road, Mossman.

DATE SAMPLED: 10/08/2023

SAMPLE DETAILS: Sites "DCP1 & DCP2" as per site plan.

Tested By: G. Negri

REPORT DATE: 28/08/2023

DEPTH (Metres)	Site: DCP1	Site: DCP2
	No Blows	No Blows
0.0 – 0.1	2	3
0.1 – 0.2	3	2
0.2 – 0.3	2	2
0.3 – 0.4	1	2
0.4 – 0.5	2	3
0.5 – 0.6	2	3
0.6 – 0.7	2	3
0.7 – 0.8	2	2
0.8 – 0.9	3	3
0.9 – 1.0	4	3
1.0 – 1.1	5	4
1.1 – 1.2	5	3
1.2 – 1.3	4	3
1.3 – 1.4		
1.4 – 1.5		
1.5 – 1.6		
1.6 – 1.7		
1.7 – 1.8		
1.8 – 1.9		
1.9 – 2.0		



SITE CLASSIFICATION

50 Lower Cassowary Road, Mossman.

The Dynamic Cone Penetrometer test results indicate soft conditions to depths up to 0.9m.

The Atterberg Limits test results indicate a slightly reactive soil.

Due to the presence of soft conditions and “Un-Controlled Deep Fill >0.4m” the site must be classified **CLASS-“P”**.

To comply with the “Building Services Board Subsidence Policy” advice should be sought from a Registered Professional Engineer for footing design.

All site works must be carried out in accordance with AS 3798-2007 “Guidelines on earthworks for commercial and residential developments”

If the depth of any cut exceeds 0.5m or uncontrolled fill exceeds 0.4m the classification shall be reconsidered.

Because this investigation is limited in scope and extent, it is possible that areas may exist which differ from those shown on the test hole records and used in the site classification. Should any variation from the reported conditions be encountered during excavation work, this office must be notified immediately so that reappraisal of the classification can be made.

Gavin Negri
Earth Test



SITE AND SOIL EVALUATION

50 Lower Cassowary Road, Mossman.

The site and soil evaluation carried out on 10/08/2023 provided the following results.

Site Assessment

<u>Site Factor</u>	<u>Result</u>
Slope	Overall – Predominately Level
Shape	Linear-Planar
Aspect	Nil
Exposure	Good.
Erosion/land slip	Not noted.
Boulders/rock outcrop	Nil
Vegetation	Grass.
Watercourse/Bores	As shown on site plan.
Water table	Not encountered during investigation.
Fill	As shown in borehole logs.
Flooding	Not likely.
Channelled run-off	Not found
Soil surface conditions	Soft, Moist
Other site specific factors	Nil

Soil Assessment

<u>Soil Property</u>	<u>Result</u>
Colour	Brown
Texture	Sandy-Loam
Structure	Weak
Coarse Fragments	10%
Measured Permeability Ksat (m/d)	Indicative Permeability 0.08-0.5
Dispersion	Slakes
Soil Category	3-4
Resultant Design Load Rate, DLR (mm/day)	15

WASTEWATER MANAGEMENT SYSTEM

An “All-Waste” septic tank discharging into an “Advanced Enviro-Septic” bed is considered suitable for this site.

This system has been designed to conform to the requirements of the following codes, acts, regulations and standards. All work to be carried out in accordance with the following codes.

- AS/NZ 1547:2012 On-site domestic-wastewater management.
- Queensland PLUMBING AND DRAINAGE ACT 2018.
- Queensland STANDARD PLUMBING AND DRAINAGE REGULATION 2019.
- Queensland PLUMBING AND WASTEWATER CODE.

SYSTEM SIZING FACTORS.

A population equivalent of five (5) persons has been chosen for the proposed three bedroom dwelling.

The site is connected to a reticulated water supply system.

Standard water-reduction fixtures must be used to ensure the integrity of the system. They shall include:-

- Dual flush 6/3 Litre water closets.
- Shower-flow restrictors.
- Aerator faucets (taps).
- Water-conserving automatic washing machines.

Note: - Garbage grinders are not permitted.

As per AS/NZ 1547:2012 Appendix H, Table H1 the “Typical wastewater design flow” for a “Reticulated water supply” gives a flow allowance of 150 L/Person/day.

The daily flow for the dwelling (5 persons @ 150 L/person/day) will be 750 L/day.

From AS/NZ 1547:2012 Table J1 the minimum capacity of the All-Waste septic tank required is 3000 L.

The tank must NOT be fitted with an outlet filter.



LAND-APPLICATION SYSTEM

DISPOSAL AREA SIZING

From AS/NZ 1547:2012 APPENDIX L, L4 DESIGN AREA SIZING, L4.2 Sizing

$$L = Q / (DLR \times W)$$

Where:

L = length in m

Q = design daily flow in L/day

DLR = Design Loading Rate in mm/d

W = Width in m

$$\begin{aligned} L &= 750 / (15 \times 1.8) \\ &= 3.21\text{m.} \end{aligned}$$

Use one 15.6m long by 3.21m wide Advanced Enviro-Septic bed.

See site plan and detail cross-section.

1kg gypsum per m² shall be applied to the base before laying the aggregate

SYSTEM SAND

All configurations of Advanced Enviro-Septic® require a minimum of 150mm of system sand surrounding the circumference of the pipe. This sand, typically gravelly coarse sand, must adhere to the following percentage and quality restrictions.

AS Sieve Size (mm)	Percent Passing %
9.50	100
4.75	95-100
2.36	80-100
1.18	50-85
0.600	25-60
0.300	5-30
0.150	0-10
0.075	0-2

If there is any doubt if the sand media will pass requirements please contact Earth Test for further advice.



SYSTEM INSTALLATION

Avoid compaction by keeping people and machinery off the finished trench or bed floor.
The system shall be installed by a licensed plumber in accordance with the manufacturer's recommendations and the relevant Australian Standards.

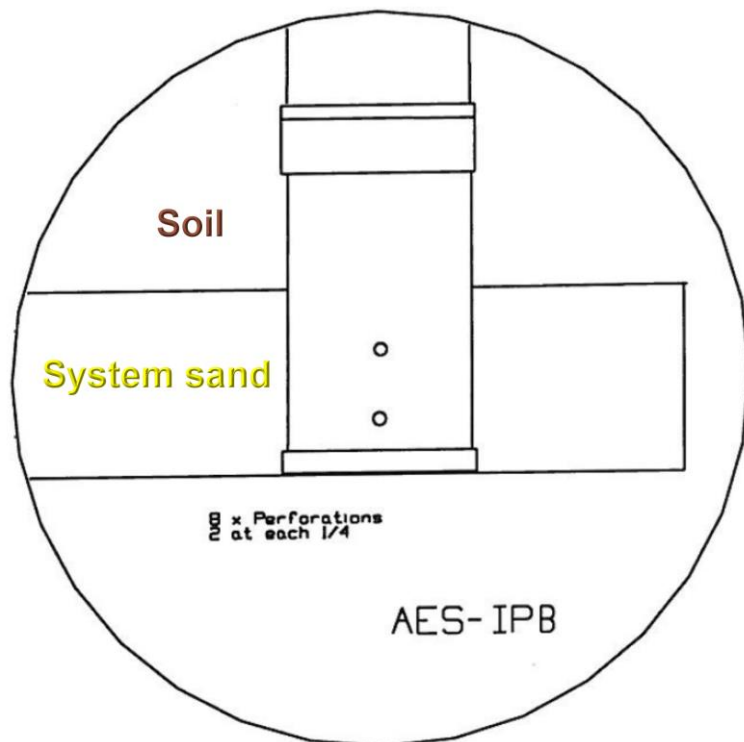
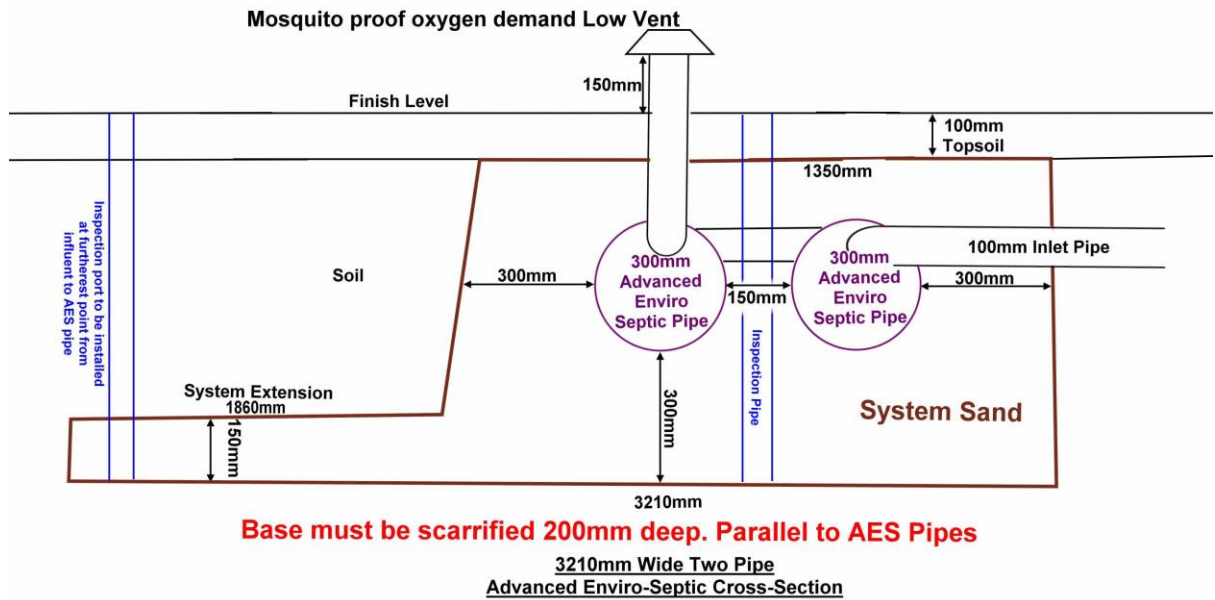
Operation and Maintenance

Homeowners should be fully informed of the proper operation and maintenance requirements of the on-site wastewater system.

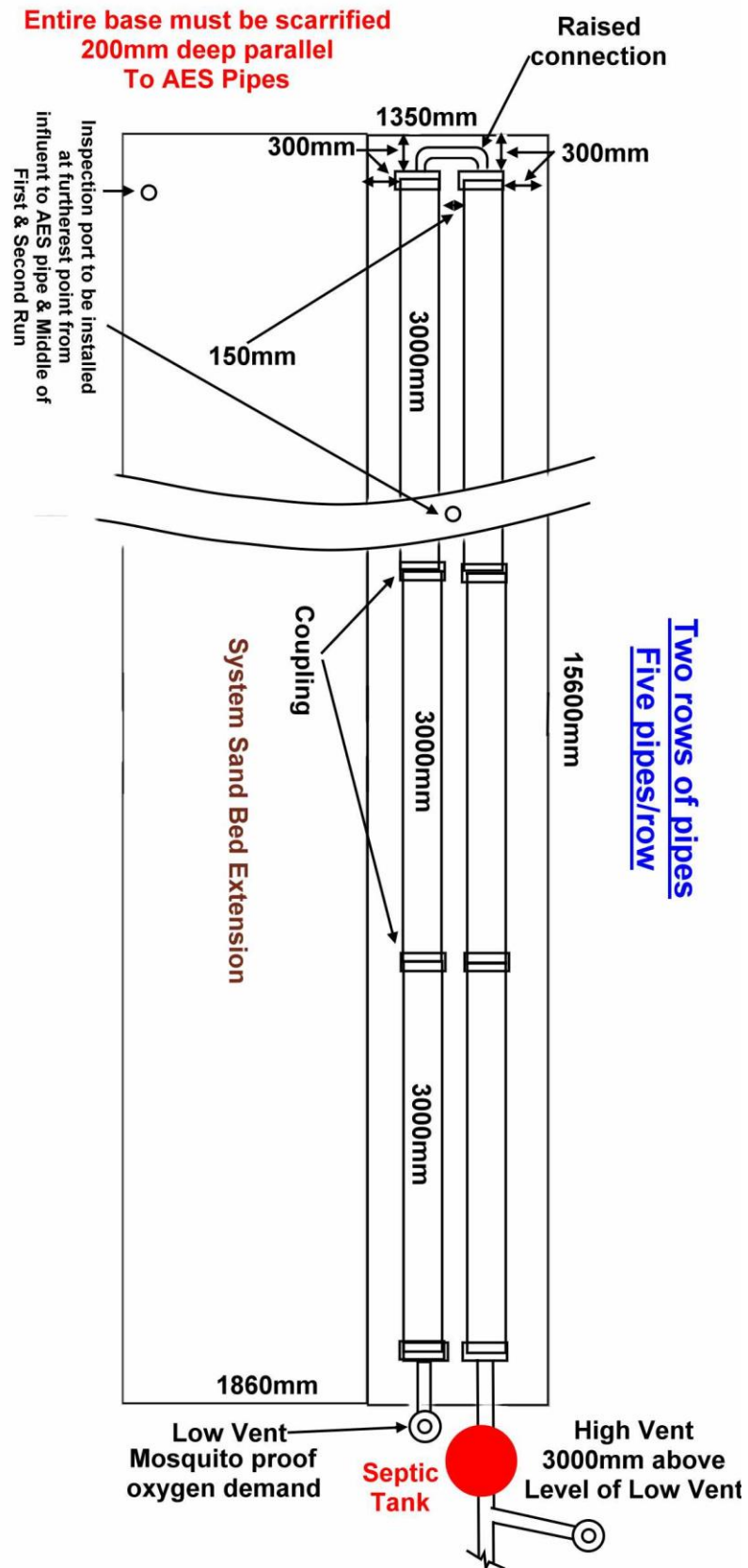
Gavin Negri
Earth Test

SITE PLAN
50 Lower Cassowary Road, Mossman.
NOT TO SCALE





AES Inspection point detail



AES The World Leader in Passive Solutions ©

Site Address	50 Lower Cassowary Road, Mossman	State	QLD	Post Code	
Client Name	Austart Homes	Date of Site Visit			
Designers Name	Earth Test	Designers Ph Number	07 4095 4734	Designer Lic (e.gQBCC)	15092731
Lic Plumber	TBA	Plumber Ph Number	TBA	Plumb / Drainer Lic Number	TBA
Council Area	Douglas Shire Council	Designers AES Cert Number	1164	Date	

This Calculator is a guide only, receiving soil classification, surface water, water tables and all other site constraints addressed by the qualified designer.

System Designers site and soil calculation data entry	IMPORTANT NOTES
---	-----------------

Enter AES L/m loading rate, "30" for ADV Secondary or "38" Secondary	30	>> This design is for an ADVANCED SECONDARY system
Is this a new installation Y or N	Y	>> Minimum single vent size is 80mm or 2 x 50mm house vents
Number of Bedrooms	3	>> This is not used in ANY Calculation. If not known use N/A or 0.
Number of persons	5	>> A septic tank outlet filter is NOT RECOMMENDED
Daily Design Flow Allowance Litre/Person/Day	150	
Number of rows required to suit site constraints	2	>> The maximum length of a single AES pipe run is 30m or 10 PIPES
Infiltration Soil Category from site/soil evaluation. CATEGORY	4	>> Catagory may require design considerations. Ref AS1547
Design Loading Rate based on site & soil evaluation DLR (mm/day)	15	>> Soil conditioning may be necessary. Ref AS1547 & Comments.
Bore log depth below system Basal area	1.5m	>> Min depth 1.5m. Check water table/restrictive layer
Is this design a GRAVITY system with no outlet filter? Y or N	Y	>> GRAVITY. A House Vent & LOW VENT required on this system

PLEASE CHECK YOU HAVE FALL FROM TANK TO AES SYSTEM PIPES

COMMENTS :- "The outcome must be important to everyone. "

- Ripping of receiving surface required in clay soil structures in Cat 4,5,6. In addition refer to AS 1547. Always excavate & rip parallel to the site slope/AES pipe.
- Specialist soils advice & special design techniques will be required for clay dominated soil having dispersive or shrink/swell behaviour. Refer AS1547
- Designers need to be familiar with special requirements of Local Authorities. ie - Minimum falls from Septic tank outlets to Land application areas etc
- Plumbers are reminded good construction techniques as per AS1547 are especially important in these soil types. Refer AS1547 & AES installation Instructions

AES System Calculator Outcomes			AES dimensions		
Total System load - litres / day (Q).	750	l/d		AES System	System Extension
Min Length of AES pipe rows to treat loading	12.50	lm	Length:(L)	15.60m	15.60m
Number of FULL AES Pipe lengths per row	5	lths	Width:(W)	1.35m	1.86m
Total Capacity of AES System pipe in Litres	2120	ltr.	Sand Depth	0.75m	0.15m
			Area m2	21.1 m^2	28.9 m^2


USE CUT LENGTHS OF PIPE IN THIS DESIGN? (ENTER Y)

IF YOU WISH TO USE A TRENCH EXTENSION DESIGN OPTION ENTER "Y"

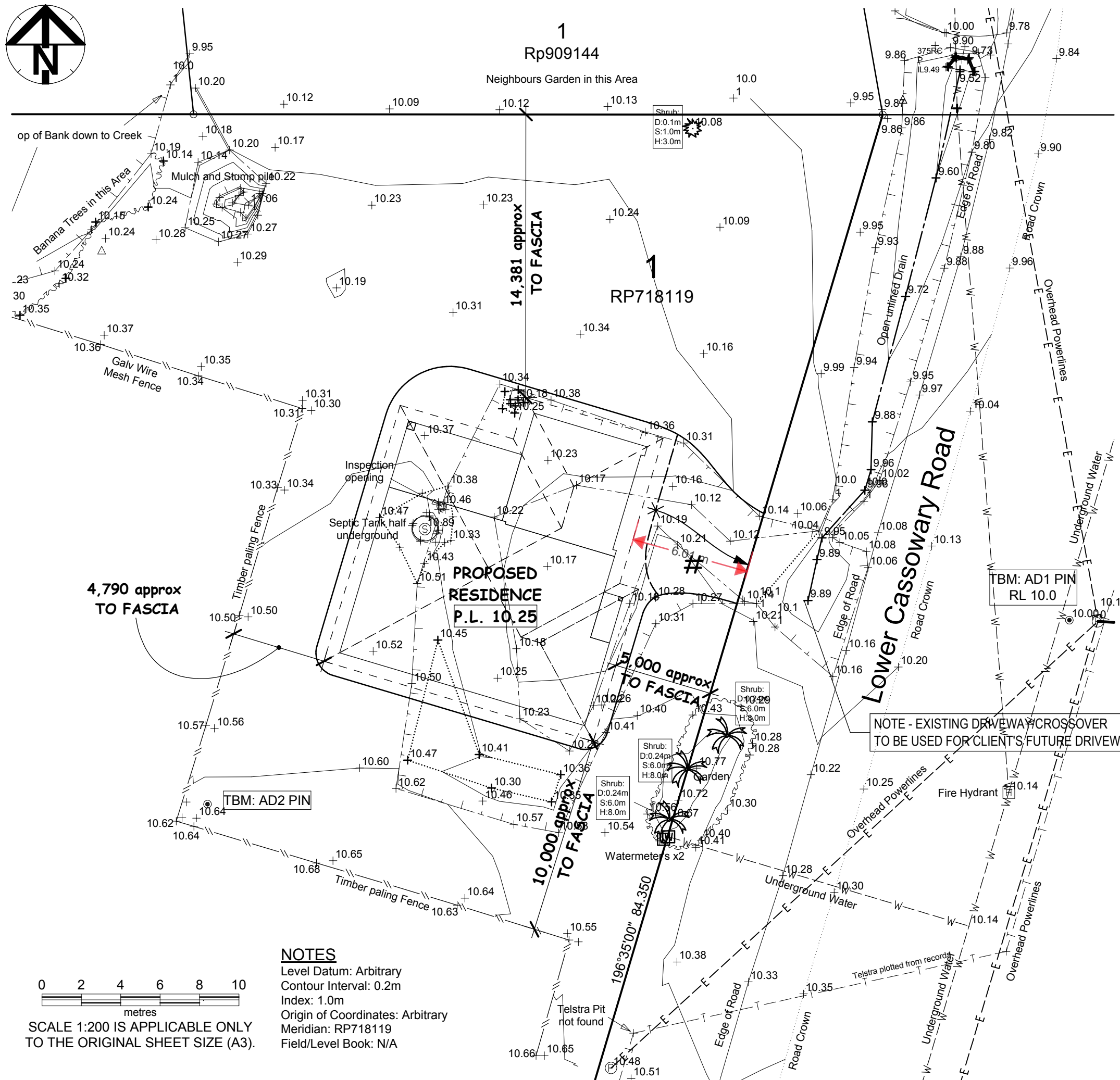
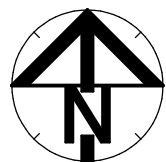
Enter Custom Width in metre

AES INFILTRATION FOOT PRINT AREA - $L = Q / (DLR \times W)$	Length	Width	Minimum AES foot print required	
for this Basic Serial design is	15.60m	x 3.21m	= 50.0	m2 total

AES pipes are best centered in the trench parallel to the site slope

Code	AES System Bill of Materials.		Chankar Environmental Use Only
AES-PIPE	AES 3 metre Lengths required	10 lths	 ADVANCED ENVIRO-SEPTIC™ <i>"Nature's Wastewater Solutions"</i> Digitally signed by Kane Dickson DN: cn=Kane Dickson, o=Chankar Environmental, ou=Design Review, email=designreview@enviro-septic.com.au, c=AU Date: 2023.08.28 15:12:22 +10'00' designreview@enviro-septic.com.au
AESC	AES Couplings required	8 ea	
AESO	AES Offset adaptors	4 ea	
AESODV	AES Oxygen demand vent	1 ea	
AES-IPB	AES 100mm Inspection point base	2 ea	
TD Kit 4	4 Hole Distribution Box Kit	ea	
TD Kit 7	7 Hole Distribution Box Kit	ea	
VS43-4	Sweet Air Filter VS43-4	ea	
AES DESO	Double Offset Adaptors	ea	
TOTAL SYSTEM SAND REQUIRED (Estimate Only)		24 m3	
Please email your AES Calculator (EXCEL FORMAT), Site Layout & AES Design to designreview@enviro-septic.com.au			

- > The AES Calculator is a design aid to allow checking of the AES components, configuration and is a guide only. Site and soil conditions referencing AS1547 are calculated and designed by a Qualified Wastewater Designer.
- > Chankar Environmental accepts no responsibility for the soil evaluation, loading calculations or DLR entered by the designer for this calculator.
- > AES pipes can be cut to length on site. They are supplied in 3 meter lengths only.
- > AES ONLY supply AES components as detailed in the Bill of Materials.
- > SEPTIC Tank & other components including SAND will need to be sourced from other suppliers. Refer to our WEBSITE www.enviro-septic.com.au OR 07 5474 4055



- * ALL EARTHWORKS BY CLIENT.
- * FINAL SETOUT OF HOUSE TO BE CONFIRMED BY CLIENT ON SITE WITH SURVEYOR.
- * STORMWATER TO FALL ON SITE.
- * DISCHARGE WASTE TO SEPTIC SYSTEM, TBC.

INTDICATIONS 400mm WIDE x 75mm DEEP GRADED 'V' SHAPED EARTH TABLE DRAIN

NOTES -

- ANY RETAINING REQUIRED. BY CLIENT
- ANY TREE REMOVAL REQUIRED. BY CLIENT
- POOLS MUST BE 2000mm MIN. FROM ANY SLAB EDGE OR PATIO COLUMNS. IF LESS THAN 2000mm, ENGINEER TO BE CONSULTED.
- REFER TO SHEET 10 of 10 FOR PLUMB. PLAN.

- * FILL BATTER @ 1:2 MAX
- * CUT BATTER @ 1:2 MAX

WIND-'XX' CONTOUR PLAN

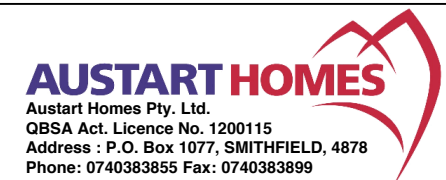
PRELIMINARY



SCALE 1:200 IS APPLICABLE ONLY TO THE ORIGINAL SHEET SIZE (A3).

NOTES

Level Datum: Arbitrary
Contour Interval: 0.2m
Index: 1.0m
Origin of Coordinates: Arbitrary
Meridian: RP718119
Field/Level Book: N/A



ACN 158 167 027 Pty. Ltd. DOUG
McCORMACK SUPER. FUND, LOT 1 -
LOWER CASSOWARY ROAD, MOSSMAN

N.B. ALL WRITTEN DIMENSIONS TAKE PRECEDENCE OVER
SCALED SIZES - THIS DESIGN IS THE EXCLUSIVE PROPERTY
OF AUSTART HOMES AUSTRALIA Pty. Ltd.

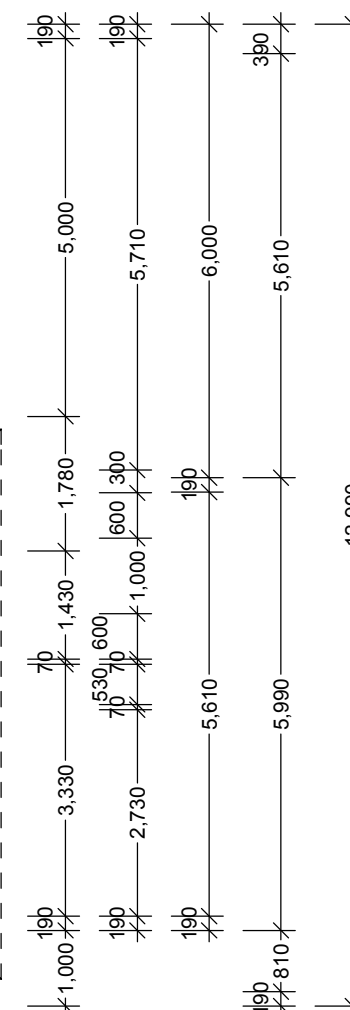
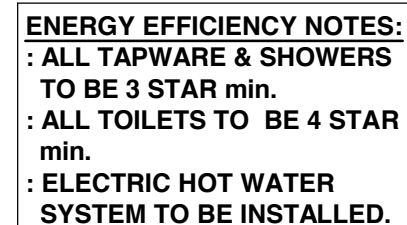
Design: TURN KEY 167 BLC2600 Drawn By:

Facade: TRADITIONAL Date: 11/09/2023

Inclusions: TURN KEY RANGE Scale: 1:200

Amendments:

Job Number: 666LOW Sheet Number: 1 of 10



**ALL DIMENSIONS SHOWN ARE TO FRAME
AND BLOCKWORK, EXCLUDES GYPROCK**

NOTE - Floating vanities. (Additional bracing and noggings will be required).

AUSTART HOMES
Austart Homes Pty. Ltd.
QBSA Act. Licence No. 1200115
Address : P.O. Box 1077, SMITHFIELD, 4878
Phone: 0740383855 Fax: 0740383899

ACN 158 167 027 Pty. Ltd. DOUG
McCORMACK SUPER. FUND, LOT 1 -
LOWER CASSOWARY ROAD, MOSSMAN

**N.B. ALL WRITTEN DIMENSIONS TAKE PRECEDENCE OVER
SCALED SIZES - THIS DESIGN IS THE EXCLUSIVE PROPERTY
OF AUSTART HOMES AUSTRALIA Pty. Ltd.**

Design:	Drawn By:
TURN KEY 167 BLC2600	

Facade: **TRADITIONAL** Date: **11/09/2023**

Inclusions:	Scale:
TURN KEY RANGE	1:100

Amendments:

Job Number: **666LOW** Sheet Number: **2** Of **10**

FLOOR AREAS

LIVING - 109.09

GARAGE - 34.84

AL FRESCO - 21.00

PORCH - 2.40

TOTAL - 167.33m²

18.00 SQUARES

NOTE - ALL HOT and COLD WATER PIPING TO GO THROUGH CEILING DOWN TO STUD WALLS, OTHER THAN PIPING FOR ISLAND BENCH. ALSO GAS PIPING (IF APPLICABLE) TO RUN THROUGH CEILING and STUD WALLS.

GENERAL NOTES :

GENERAL NOTES :
: Tinted glass to all alum. framed glass doors and windows.

: Dishwasher prov. with SPP and cold water plumbing.

: Lift off hinges to wc.

: Mechanical exhaust to wc with no external opening.

: Niches-900H base with a 2100H head U.N.O.

: Hampers and Openings - 2100H head U.N.O.

: Bulkheads - 2200H U.N.O.



BLOCK DETAILS, FOOTING & SLAB DETAILS TO BE DESIGNED, CERTIFIED AND INSPECTED BY A RPEQ ENGINEER PRIOR TO WORK BEING CARRIED OUT FOR A 'X' CLASS SITE AND WIND-'XX' WIND RATING.

The requirements of the building code of Australia for the control of termites **provides that if the primary building elements are of termite resistant materials then a barrier does not need to be installed.** Austart Homes has elected to install the **primary building elements of termite resistant materials plus provide a termite barrier at all penetrations through the concrete slab.**

**FLY SCREENS WITH GRILLS
TO ALL OPENING WINDOWS
AND SLIDING GLASS DOORS,
INCLUDING FRONT DOOR.
(EXCLUDES GARAGE DOORS).**

WIND-'XX'

ELEVATIONS

AUSTART HOMES
Austart Homes Pty. Ltd.
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Address : P.O. Box 1077, SMITHFIELD, 4878
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McCORMACK SUPER. FUND, LOT 1 -
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**N.B. ALL WRITTEN DIMENSIONS TAKE PRECEDENCE OVER
SCALED SIZES - THIS DESIGN IS THE EXCLUSIVE PROPERTY
OF AUSTART HOMES AUSTRALIA Pty. Ltd.**

Design:
TURN KEY 167 BLC2600

Facade:	Date:
TRADITIONAL	11/09/2023

Inclusions:	Scale:
TURN KEY RANGE	1:100

Amendments:

Job Number: **666LOW** Sheet Number: **3** Of **10**

* GRADE SITE AWAY FROM THE BUILDING AT A MINIMUM SLOPE OF 1:20 FOR A MINIMUM DISTANCE OF 1000mm TO PERIMETER, SO THAT THE WATER DRAINS TO THE ROAD or UNDERGROUND DRAINAGE, NOT ONTO NEIGHBOURING PROPERTIES

PRELIMINARY

6.2.11 Rural zone code

6.2.11.1 Criteria for assessment

Table 6.2.11.3.a – Rural residential zone code – assessable development

Performance outcomes	Acceptable outcomes	Applicant response
For self-assessable and assessable development		
PO1 The height of buildings is compatible with the rural character of the area and must not detrimentally impact on visual landscape amenity.	AO1 Dwelling houses are not more than 8.5 metres and two storeys in height. Note – Height is inclusive of roof height. AO1.2 Rural farm sheds and other rural structures are not more than 10 metres in height	Complies with AO1 The proposed dwelling is single storey and has a maximum height of approximately 4.3m.
PO2 Buildings and structures are setback to maintain the rural residential character of the area and achieve separation from buildings on adjoining properties.	AO2 Buildings are setback not less than: (a) 40 metres from a property adjoining a State- controlled road; (b) a minimum of 25 metres from the property boundary adjoining Cape Tribulation Road; (c) 20 metres from front boundaries; (d) 6 metres from side and rear property boundaries.	Does not comply with AO2(d) Complies with PO2 The proposed dwelling is to be setback 5000mm from the front boundary at its outermost projection (OMP) This is believed to maintain the rural residential character of the area as the proposed dwelling will be replacing the old dwelling with similar setbacks. As such there is believed to be no change to the area or separation from adjoining buildings.
PO3 Buildings/structures are designed to maintain the rural character of the area.	AO3 White and shining metallic finishes are avoided on external surfaces of buildings. specified in AO3.1 above.	Able to Comply

9.4.1 Access, parking and servicing code

9.4.1.1 Criteria for assessment

Table 9.4.1.3.a – Access, parking and servicing code – assessable development

Performance outcomes	Acceptable outcomes	Applicant response
For self-assessable and assessable development		
<p>PO1 Sufficient on-site car parking is provided to cater for the amount and type of vehicle traffic expected to be generated by the use or uses of the site, having particular regard to:</p> <ul style="list-style-type: none"> (a) the desired character of the area; (b) the nature of the particular use and its specific characteristics and scale; (c) the number of employees and the likely number of visitors to the site; (d) the level of local accessibility; (e) the nature and frequency of any public transport serving the area; (f) of an existing building and the previous requirements for car parking for the building (g) whether or not the use involves a heritage building or place of local significance; (h) whether or not the proposed use involves the retention of significant vegetation. 	<p>AO1.1 The minimum number of on-site vehicle parking spaces is not less than the number prescribed in Table 9.4.1.3.b for that particular use or uses.</p> <p>Note - Where the number of spaces calculated from the table is not a whole number, the number of spaces provided is the next highest whole number.</p> <p>AO1.2 Car parking spaces are always freely available for the parking of vehicles and are not used for external storage purposes, the display of products or rented/sub-leased.</p> <p>AO1.3 Parking for motorcycles is substituted for ordinary vehicle parking to a maximum level of 2% of total ordinary vehicle parking.</p> <p>AO1.4 For parking areas exceeding 50 spaces parking, is provided for recreational vehicles as a substitute for ordinary vehicle parking to a maximum of 5% of total ordinary vehicle parking rate.</p>	<p>Complies with AO1.1</p>

Performance outcomes	Acceptable outcomes	Applicant response
PO2 Vehicle parking areas are designed and constructed in accordance with relevant standards.	AO2 Vehicle parking areas are designed and constructed in accordance with Australian Standard: (a) AS2890.1; (b) AS2890.3; (c) AS2890.6.	

9.3.8 Dwelling house code

9.3.8.1 Criteria for assessment

Table 9.3.8.3.a – Dwelling house code –assessable development

Performance outcomes	Acceptable outcomes	Applicant response
For self-assessable and assessable development		
PO1 Secondary dwellings: (a) are subordinate, small-scaled dwellings; (b) contribute to a safe and pleasant living environment; (c) are established on appropriate sized lots; (d) do not cause adverse impacts on adjoining properties.	AO1 The secondary dwelling: (a) has a total gross floor area of not more than 80m ² , excluding a single carport or garage; (b) is occupied by 1 or more members of the same household as the dwelling house.	N/A
PO2 Resident's vehicles are accommodated on- site	AO2 Development provides a minimum number of on-site car parking spaces comprising: (a) 2 car parking spaces which may be in tandem for the dwelling house; (b) 1 car parking space for any secondary dwelling on the same site.	Complies
PO3 Development is of a bulk and scale that: (a) is consistent with and complements the built form and front boundary setbacks prevailing in the street and local area; (b) does not create an overbearing development for adjoining dwelling houses and their private open space; (c) does not impact on the amenity and privacy of residents in adjoining dwelling houses; (d) ensures that garages do not dominate the appearance of the street.	AO3 Development meets the acceptable outcome for building height in the applicable Zone code associated with the site.	Complies

8.2.1 Acid sulfate soils overlay code

8.2.1.1 Criteria for assessment

Table 8.2.1.3.a – Acid sulfate soils overlay code – assessable development

Performance outcomes	Acceptable outcomes	Applicant response
For self-assessable and assessable development		
PO1 The extent and location of potential or actual acid sulfate soils is accurately identified.	AO1.1 No excavation or filling occurs on the site. or AO1.2 An acid sulfate soils investigation is undertaken. Note - Planning scheme policy SC 6.12– Potential and actual acid sulfate soils provides guidance on preparing an acid sulfate soils investigation.	Complies with AO1.1
PO2 Development avoids disturbing potential acid sulfate soils or actual acid sulfate soils, or is managed to avoid or minimise the release of acid and metal contaminants.	AO2.1 The disturbance of potential acid sulfate soils or actual acid sulfate soils is avoided by: (a) not excavating, or otherwise removing, soil or sediment identified as containing potential or actual acid sulfate soils; (b) not permanently or temporarily extracting groundwater that results in the aeration of previously saturated acid sulfate soils; (c) not undertaking filling that results in: (d) actual acid sulfate soils being moved below the water table; (e) previously saturated acid sulfate soils being aerated. Or AO2.2 The disturbance of potential acid sulfate soils or	Filling and excavation not required; development will be in an existing benched area

Performance outcomes	Acceptable outcomes	Applicant response
	<p>actual acid sulfate soils is undertaken in accordance with an acid sulfate soils management plan and avoids the release of metal contaminants by:</p> <ul style="list-style-type: none"> (a) neutralising existing acidity and preventing the generation of acid and metal contaminants; (b) preventing the release of surface or groundwater flows containing acid and metal contaminants into the environment; (c) preventing the in situ oxidisation of potential acid sulfate soils and actual acid sulfate soils through ground water level management; (d) appropriately treating acid sulfate soils before disposal occurs on or off site; (e) documenting strategies and reporting requirements in an acid sulfate soils environmental management plan. <p>Note - Planning scheme policy SC 6.12 – Acid sulfate soils provides guidance on preparing an acid sulfate soils management plan.</p>	
<p>PO3</p> <p>No environmental harm is caused as a result of exposure to potential acid sulfate soils or actual acid sulfate soils.</p>	<p>AO3</p> <p>No acceptable outcomes are prescribed.</p>	<p>Complies</p>

9.4.4 Filling and excavation code

9.4.4.1 Criteria for assessment

Table 9.4.4.3.a – Filling and excavation code – for self-assessable and assessable development

Performance outcomes	Acceptable outcomes	Applicant response
For self-assessable and assessable development		
Filling and excavation - General		
PO1 All filling and excavation work does not create a detrimental impact on the slope stability, erosion potential or visual amenity of the site or the surrounding area.	AO1.1 The height of cut and/or fill, whether retained or not, does not exceed 2 metres in height. and Cuts in excess of those stated in A1.1 above are separated by benches/ terraces with a minimum width of 1.2 metres that incorporate drainage provisions and screen planting. AO1.2 Cuts are supported by batters, retaining or rock walls and associated benches/terraces are capable of supporting mature vegetation. AO1.3 Cuts are screened from view by the siting of the building/structure, wherever possible. AO1.4 Topsoil from the site is retained from cuttings and reused on benches/terraces. AO1.5 No crest of any cut or toe of any fill, or any part of	Filling and excavation not required; development will be in an existing benched area

Performance outcomes	Acceptable outcomes	Applicant response
	<p>any retaining wall or structure is closer than 600mm to any boundary of the property, unless the prior written approval of the adjoining landowner has been obtained.</p> <p>AO1.6 Non-retained cut and/or fill on slopes are stabilised and protected against scour and erosion by suitable measures, such as grassing, landscaping or other protective/aesthetic measures.</p>	
Visual Impact and Site Stability		
<p>PO2 Filling and excavation are carried out in such a manner that the visual/scenic amenity of the area and the privacy and stability of adjoining properties is not compromised.</p>	<p>AO2.1 The extent of filling and excavation does not exceed 40% of the site area, or 500m² whichever is the lesser,</p> <p>except that AO2.1 does not apply to reconfiguration of 5 lots or more.</p> <p>AO2.2 Filling and excavation does not occur within 2 metres of the site boundary.</p>	<p>Filling and excavation not required; development will be in an existing benched area</p>
Visual Impact and Site Stability		
<p>PO2 Filling and excavation are carried out in such a manner that the visual/scenic amenity of the area and the privacy and stability of adjoining properties is not compromised.</p>	<p>AO2.1 The extent of filling and excavation does not exceed 40% of the site area, or 500m² whichever is the lesser,</p> <p>except that AO2.1 does not apply to reconfiguration of 5 lots or more.</p> <p>AO2.2 Filling and excavation does not occur within 2 metres of the site boundary.</p>	<p>Filling and excavation not required; development will be in an existing benched area</p>

Performance outcomes	Acceptable outcomes	Applicant response
Flooding and drainage		
PO3 Filling and excavation does not result in a change to the run off characteristics of a site which then have a detrimental impact on the site or nearby land or adjacent road reserves.	AO3.1 Filling and excavation does not result in the ponding of water on a site or adjacent land or road reserves. AO3.2 Filling and excavation does not result in an increase in the flow of water across a site or any other land or road reserves. AO3.3 Filling and excavation does not result in an increase in the volume of water or concentration of water in a watercourse and overland flow paths. AO3.4 Filling and excavation complies with the specifications set out in Planning Scheme Policy No SC5 – FNQROC Development Manual.	Filling and excavation not required; development will be in an existing benched area
Water quality		
PO4 Filling and excavation does not result in a reduction of the water quality of receiving waters.	AO4 Water quality is maintained to comply with the specifications set out in Planning Scheme Policy No SC5 – FNQROC Development Manual.	Filling and excavation not required; development will be in an existing benched area
Infrastructure		
PO5 Excavation and filling does not impact on Public Utilities.	AO5 Excavation and filling is clear of the zone of influence of public utilities.	Filling and excavation not required; development will be in an existing benched area

8.2.7 Natural areas overlay code

8.2.7.1 Criteria for assessment

Table 8.2.7.3.a – Natural areas overlay code – assessable development

Performance outcomes	Acceptable outcomes	Applicant response
For self-assessable and assessable development		
Protection of matters of environmental significance		
PO1 Development protects matters of environmental significance.	AO1.1 Development avoids significant impact on the relevant environmental values. or AO1.2 A report is prepared by an appropriately qualified person demonstrating to the satisfaction of the assessment manager, that the development site does not contain any matters of state and local environmental significance. or AO1.3 Development is located, designed and operated to mitigate significant impacts on environmental values. For example, a report certified by an appropriately qualified person demonstrating to the satisfaction of the assessment manager, how the proposed development mitigates impacts, including on water quality, hydrology and biological processes.	Complies with AO1.1 Vegetation removal is not required; development will be in an existing cleared area in the same location as the previous dwelling house.

Performance outcomes	Acceptable outcomes	Applicant response
Management of impacts on matters of environmental significance		
PO2 Development is located, designed and constructed to avoid significant impacts on matters of environmental significance.	AO2 The design and layout of development minimises adverse impacts on ecologically important areas by: <ul style="list-style-type: none"> (a) focusing development in cleared areas to protect existing habitat; (b) utilising design to consolidate density and preserve existing habitat and native vegetation; (c) aligning new property boundaries to maintain ecologically important areas; (d) ensuring that alterations to natural landforms, hydrology and drainage patterns on the development site do not negatively affect ecologically important areas; (e) ensuring that significant fauna habitats are protected in their environmental context; and (f) incorporating measures that allow for the safe movement of fauna through the site. 	Complies with AO2 Vegetation removal is not required; development will be in an existing cleared area in the same location as the previous dwelling house.
PO3 An adequate buffer to areas of state environmental significance is provided and maintained.	AO3.1 A buffer for an area of state environmental significance (Wetland protection area) has a minimum width of: <ul style="list-style-type: none"> (a) 100 metres where the area is located outside Urban areas; or (b) 50 metres where the area is located within a Urban areas. <p>or</p> AO3.2 A buffer for an area of state environmental	Not Applicable

Performance outcomes	Acceptable outcomes	Applicant response
	significance is applied and maintained, the width of which is supported by an evaluation of environmental values, including the function and threats to matters of environmental significance.	
PO4 Wetland and wetland buffer areas are maintained, protected and restored. Note – Wetland buffer areas are identified in AO3.1.	AO4.1 Native vegetation within wetlands and wetland buffer areas is retained. AO4.2 Degraded sections of wetlands and wetland buffer areas are revegetated with endemic native plants in patterns and densities which emulate the relevant regional ecosystem.	Not Applicable
PO5 Development avoids the introduction of non- native pest species (plant or animal), that pose a risk to ecological integrity.	AO5.1 Development avoids the introduction of non-native pest species. AO5.2 The threat of existing pest species is controlled by adopting pest management practices for long-term ecological integrity.	Not Applicable
Ecological connectivity		
PO6 Development protects and enhances ecological connectivity and/or habitat extent.	AO6.1 Development retains native vegetation in areas large enough to maintain ecological values, functions and processes. and AO6.2	Complies with AO6 Vegetation removal is not required; development will be in an existing cleared area in the same location as the previous dwelling house.

Performance outcomes	Acceptable outcomes	Applicant response
	<p>Development within an ecological corridor rehabilitates native vegetation.</p> <p>and</p> <p>AO6.3 Development within a conservation corridor mitigates adverse impacts on native fauna, feeding, nesting, breeding and roosting sites and native fauna movements.</p>	
<p>PO7 Development minimises disturbance to matters of state environmental significance (including existing ecological corridors).</p>	<p>AO7.1 Development avoids shading of vegetation by setting back buildings by a distance equivalent to the height of the native vegetation.</p> <p>and</p> <p>AO7.2 Development does not encroach within 10 metres of existing riparian vegetation and watercourses.</p>	Complies with AO7
Waterways in an urban area		
<p>PO8 Development is set back from waterways to protect and maintain:</p> <ul style="list-style-type: none"> (a) water quality; (b) hydrological functions; (c) ecological processes; (d) biodiversity values; (e) riparian and in-stream habitat values and connectivity; <p>in-stream migration.</p>	<p>AO8.1 Where a waterway is contained within an easement or a reserve required for that purpose, development does not occur within the easement or reserve;</p> <p>or</p> <p>AO8.2 Development does not occur on the part of the site affected by the waterway corridor.</p>	Not Applicable

Performance outcomes	Acceptable outcomes	Applicant response
	Note – Waterway corridors are identified within Table 8.2.7.3.b.	
PO9 Development is set back from waterways to protect and maintain: (a) water quality; (b) hydrological functions; (c) ecological processes; (d) biodiversity values; (e) riparian and in-stream habitat values and connectivity; in-stream migration.	AO9 Development does not occur on that part of the site affected by a waterway corridor. Note – Waterway corridors are identified within Table 8.2.7.3.b.	Not Applicable

8.2.9 Potential landslide hazard overlay code

8.2.9.1 Criteria for assessment

Table 8.2.9.3.a – Potential landslide hazard overlay code – assessable development

Performance outcomes	Acceptable outcomes	Applicant response
For self-assessable and assessable development		
<p>PO1</p> <p>The siting and design of development does not involve complex engineering solutions and does not create or increase the potential landslide hazard risk to the site or adjoining premises through:</p> <ul style="list-style-type: none"> (a) building design; (b) increased slope; (c) removal of vegetation; (d) stability of soil; (e) earthworks; (f) alteration of existing ground water or surface water paths; (g) waste disposal areas. 	<p>AO1.2</p> <p>Development is on an existing stable, benched site and requires no further earthworks</p> <p>or</p> <p>AO1.3</p> <p>A competent person certifies that:</p> <ul style="list-style-type: none"> (a) the stability of the site, including associated buildings and infrastructure, will be maintained during the course of the development and will remain stable for the life of the development; (b) development of the site will not increase the risk of landslide hazard activity on other land, including land above the site; (c) the site is not subject to the risk of landslide activity on other land; (d) any measures identified in a site-specific geotechnical report for stabilising the site or development have been fully implemented; (e) development does not concentrate existing ground water and surface water paths; (f) development does not incorporate on-site waste water disposal. 	<p>Complies with AO1.2</p> <p>Development is not located within the overlay area and the building will be located on an existing benched pad.</p>

Performance outcomes	Acceptable outcomes	Applicant response
	<p>Note – Planning scheme policy SC6.9 – Natural hazards provides guidance on preparing a site specific geo-technical assessment.</p> <p>Note – Development may alter the conditions of ground water and surface water paths in accordance with a site-specific geotechnical report, but should ensure that its final disbursement is as-per pre-developed conditions.</p> <p>Consideration for location, velocity, volume and quality should be given.</p>	
<p>PO2</p> <p>The siting and design of necessary retaining structures does not cause an adverse visual impact on landscape character or scenic amenity quality of the area.</p>	<p>AO2</p> <p>Excavation or fill:</p> <ul style="list-style-type: none"> (a) is not more than 1.2 metres in height for each batter or retaining wall; (b) is setback a minimum of 2 metres from property boundaries; (c) is stepped with a minimum 2 metre wide berm to incorporate landscaping in accordance with Planning scheme policy SC6.7 – Landscaping; (d) does not exceed a maximum of 3 batters and 3 berms (i.e. Not greater than 3.6 metres in height) on any one lot. 	<p>Not Applicable</p>
Additional requirements for Community infrastructure		
<p>PO3</p> <p>Development for community infrastructure:</p> <ul style="list-style-type: none"> (a) is not at risk from the potential landslide hazard areas; (b) will function without impediment from a landslide; (c) provides access to the infrastructure without impediment from the effects of a landslide; (d) does not contribute to an elevated risk of a landslide to adjoining properties. 	<p>AO3</p> <p>Development is designed in accordance with the recommendations of a site-specific geotechnical assessment which makes reference to the community infrastructure and its needs and function.</p> <p>Note - A site specific geotechnical assessment will detail requirements that will address the Acceptable Outcomes of this Performance Outcome. Planning scheme policy SC6.9 – Natural hazards provides guidance on preparing a site specific geotechnical assessment.</p>	<p>Not Applicable</p>

**Company owner's consent to the making of a development application
under the *Planning Act 2016***

I, Douglas Allan McCormack

[Insert name in full.]

Sole Director/Secretary of the company mentioned below.

Of ACN 158 1677 027 Pty Ltd Doug McCormack Superannuation Fund

[Insert name of company and ACN.]

the company being the owner of the premises identified as follows:

Lot 1 Lower Cassowary Road
Mossman Q 4873] Lot 1 RP718119 - 50 Lower Cassowary Road, Cassowary

consent to the making of a development application under the *Planning Act 2016* by:

Austart Homes C/- The Building Approval Company

on the premises described above for:

Replacement of house – previous house burnt down	Material Change of Use for Dwelling House
--	---

Company seal *[if used]*

[Delete the above where company owner's consent must come from both director and director/secretary.]

Company Name and ACN: 158 167 027 Pty Ltd Doug McCormack Superannuation Fund	
	<div>Signature of Director/Secretary</div> <div>Date</div>

[Delete the above where there is a sole director/secretary for the company giving the owner's consent.]