

Ref: 1057

5 October 2022

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

Attention: Environment & Planning

Dear Sir/Madam

**DEVELOPMENT APPLICATION FOR OPERATIONAL WORKS (EARTHWORKS)
BONNIE DOON ROAD, BONNIE DOON – LOT 2 ON RP718188**

We refer to the above and advise that MD Land Surveys acts on behalf of the Applicant, Cooya Properties Pty Ltd in relation to this matter.

On behalf of the Applicant, we submit to Council an application seeking a Development Permit for Operational Works for Earthworks at Bonnie Doon Road, Bonnie Doon, being properly described as Lot 2 on RP718188. The Earthworks are required to establish a building pad on the subject allotment to allow for the future construction of a new farm machinery shed (Rural Activity).

In accordance with Council's Schedule of Fees and Charges, as the application is for Excavation and Filling Works (Bulk Earthworks) up to 1,000m³ the Application Fee payable to Council is a total of \$828.00.

The following provides a review of the of the subject land, a detailed description of the proposed development, a review of the legislative provisions and an assessment of the proposed development against the relevant provisions the Douglas Shire Planning Scheme 2018.

PROPOSAL

The Applicant is seeking a Development Permit for Operational Works for Earthworks (Excavation and Filling >50m³) at Bonnie Doon Road, Bonnie Doon.

The Earthworks are required to establish a building pad on the subject allotment to allow for the future construction of a new farm machinery shed (Rural Activity). The material required for the construction of the proposed building pad will be obtained by undertaking of shallow excavations on another part of the site.

Council's storm tide information nominates a Finished Floor Level (FFL) height 3.58m AHD for the subject land.

A level survey has been undertaken over the subject land, which has confirmed ground levels in the vicinity of where the farm machinery shed is to be located are between 4.9m AHD and 5.1m AHD.

It is proposed to construct the farm machinery shed on a pad that will have a height of 5.25m AHD (see enclosed plans). Accordingly, the farm machinery shed will be approximately 1.7m above nominated finished floor level for storm tide inundation.

The proposed building pad will have a footprint of approximately 495m² and be approximately 300mm above the existing ground levels. The material required for the construction of the proposed building pad will be obtained by undertaking of shallow excavations (a depth between 1 to 2 metres) on another part of the site. The enclosed plan (included at *Attachment B*) provides details on the location and nature of the proposed Earthworks for the construction of the building pad.

PLANNING SCHEME REQUIREMENTS

Douglas Shire Planning Scheme 2018 is the applicable Local Categorising Instrument for this development application. The following sections of this report provide an assessment of the proposed development against the relevant provisions of the Douglas Shire Planning Scheme 2018.

Zone	Rural Zone
Overlays	
<i>Acid Sulfate Soils</i>	Land below 5m AHD
<i>Coastal Processes</i>	Within Coastal Management District
<i>Flood and Inundations Hazards</i>	Flood Plain Assessment Overlay
<i>Landscape Values</i>	Medium Landscape Values
<i>Transport Network</i>	Located on a Collector Road and Major Rural Road

The Table of Assessment for the Rural Zone (Table 5.6.j) identifies that Operational Works for Excavation and Filling >50m³ is Code Assessable. The Table of Assessment also identifies the assessment benchmarks that the application is to be assessed against. An assessment against the applicable Codes is included at Attachment C.

CONCLUSION

This report supports the Development Application made by Cooya Properties Pty Ltd, who is seeking approval from Douglas Shire Council for Operational Works (Excavation and Filling >50m³) at Bonnie Doon Road, Bonnie Doon.

The earthworks are required to establish a building pad on the subject allotment to allow for the future construction of a farm machinery shed to be located above the nominated finished floor level for storm tide inundation.

Overall, it is considered that the subject to the imposition of reasonable and relevant conditions, Council can issue a Development Permit for Operational Works (Excavation and Filling >50m³).

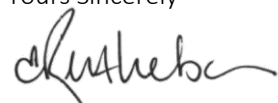
SUPPORTING DOCUMENTS

The following supporting documents are enclosed to assist with Council's assessment of the application:

- Attachment A: DA Form 1;
- Attachment B: Plan of Proposed Earthworks; and
- Attachment C: Assessment Against Douglas Shire Planning Scheme 2018 Codes.

We trust that the enclosed documentation is sufficient to allow Council's assessment, however, should you have any further queries or wish to discuss please do not hesitate to contact the undersigned on 0402 806 016 or erin@mdlandsurveys.com.au.

Yours Sincerely



Erin Berthelsen
Senior Planner

ATTACHMENT A

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)	Cooya Properties Pty Ltd
Contact name (only applicable for companies)	C/- MD Land Surveys (Erin Berthelsen)
Postal address (P.O. Box or street address)	25 Gouldian Street
Suburb	Bayview Heights
State	QLD
Postcode	4868
Country	Australia
Contact number	0402 806 016
Email address (non-mandatory)	erin@mdlandsurveys.com.au
Mobile number (non-mandatory)	
Fax number (non-mandatory)	
Applicant's reference number(s) (if applicable)	1057-02

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
			Bonnie Doon Road	Bonnie Doon
	Postcode	Lot No.	Plan Type and Number (e.g. RP, SP)	Local Government Area(s)
	4873	2	RP718188	Douglas
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="text"/>
<input type="checkbox"/> Listed on the Contaminated Land Register (CLR) under the <i>Environmental Protection Act 1994</i>
CLR site identification: <input type="text"/>

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 type="checkbox"/> Material change of use <input type="checkbox"/> Reconfiguring a lot <input checked="" 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>
Operational Works for Earthworks (Excavation and Filling >50m3)
e) Relevant plans <i>Note: 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 <i>Note: 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
<input type="checkbox"/> 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
<input checked="" type="checkbox"/> Not required

Section 2 – Further development details

7) Does the proposed development application involve any of the following?	
Material change of use	<input 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 checked="" type="checkbox"/> Yes – complete division 3
Building work	<input 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)
8.2) Does the proposed use involve the use of existing buildings on the premises?			
<input type="checkbox"/> Yes			
<input type="checkbox"/> 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?				
<input type="checkbox"/> Yes – provide additional details below				
<input type="checkbox"/> 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?

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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"/> Stormwater | <input type="checkbox"/> Water infrastructure |
| <input type="checkbox"/> Drainage work | <input checked="" type="checkbox"/> Earthworks | <input type="checkbox"/> Sewage infrastructure |
| <input type="checkbox"/> Landscaping | <input type="checkbox"/> Signage | <input type="checkbox"/> Clearing vegetation |
| <input type="checkbox"/> Other – please specify: <table border="1" style="display: inline-table; width: 300px; height: 20px;"></table> | | |

14.2) Is the operational work necessary to facilitate the creation of new lots? (e.g. subdivision)

☐ Yes – specify number of new lots:

☒ No

14.3) What is the monetary value of the proposed operational work? (include GST, materials and labour)

\$n/a

PART 4 – ASSESSMENT MANAGER DETAILS

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

Douglas Shire Council

16) 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

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*)
- ☐ Wetland protection area

Matters requiring referral to the **local government**:

- ☐ Airport land
- ☐ Environmentally relevant activities (ERA) (*only if the ERA has been devolved to local government*)
- ☐ Heritage places – Local heritage places

Matters requiring referral to the **Chief Executive of the distribution entity or transmission entity**:

- ☐ 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 <i>Transport Infrastructure Act 1994</i> : <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: By not agreeing to accept an information request I, the applicant, acknowledge: <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. Further advice about information requests is contained in the DA Forms Guide .

PART 7 – FURTHER DETAILS

20) Are there any associated development applications or current approvals? (e.g. a preliminary approval)			
<input type="checkbox"/> Yes – provide details below or include details in a schedule to this development application <input checked="" type="checkbox"/> 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

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](#).

☒ Yes

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](#).

☒ Yes

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	

ATTACHMENT B

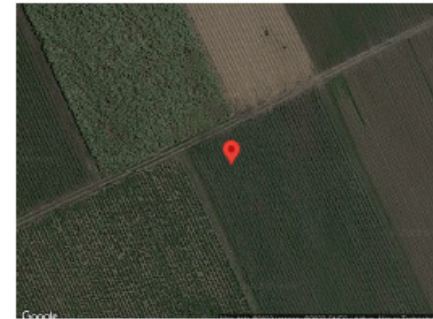


The proposed site for the extraction of 200 m3 of fill area to 5 m wide by 50 m long with a depth of 1 to 2 m area to act as drain proposed building pad to be 300mm above existing ground level and to have top 200 mm of topsoil and plant matter removed to allow for a compacted sand building pad to have a finish high of 5.25 AHD

proposed building pad to be 300mm above existing ground level and to have top 200 mm of topsoil and plant matter removed to allow for a compacted sand building pad to have a finish high of 5.25 AHD

spoil dump location - pit to be dug and 100 m3 of clean sand to be removed for building pad and overburden from pad scraping to be laid in to pit and compacted

PROPOSAL# 23671_MCNELL-6	05 September 2022	gpm
NAME glen Mcnell	SITE ADDRESS lot 2 boonie doon rd boonie doon QLD 4873	CONTACT 0414485657 glenmcnell56@gmail.com



SITE CLASSIFICATION	
SITE ADDRESS	lot 2 boonie doon rd boonie doon QLD 4873
LOT NO/ PLAN	
LAT/LONG/ELEVATION	-16.455798 145.404354 5.00m
REGION /ULTIMATE VR	C 66m
ENGINEER SUMMARY	AS/NZS 1170 All:500YEARS Haight:10m Critical Direction:East M6:0.90 TC:2.0000 Muzac:0.9100 M6:1.0000 M6:1.0000 M6:1.0000 M6:1.0000 M6:1.0000
WIND SPEED	57.53m/s

Drawn	Ben Berthelsen	Date	PROJECT	Drawing Title	Dwg. No.	Notes		SEAL
checked	Ben Berthelsen	9/3/2022	Glen Mcnell lot 2 boonie doon rd cooya beach	Shed location	A110	1. All dimensions are in millimetres. 2. All dimensions are to be checked on site. 3. Any discrepancy between the architectural drawing and other drawings relevant for construction should be notified before commencement.		
Scale								

ATTACHMENT C

6.2.10 Rural zone code

6.2.10.1 Application

- (1) This code applies to assessing development in the Industry zone.
- (2) When using this code, reference should be made to Part 5.

6.2.10.2 Purpose

- (1) The purpose of the Rural zone code is to provide for:
 - (a) provide for rural uses including cropping, intensive horticulture, intensive animal industries, animal husbandry, animal keeping and other primary production activities;
 - (b) provide opportunities for non-rural uses, such as ancillary tourism activities that are compatible with agriculture, the environmental features, and landscape character of the rural area where the uses do not compromise the long-term use of the land for rural purposes;
 - (c) protect or manage significant natural resources and processes to maintain the capacity for primary production.
- (2) The local government purpose of the code is to:
 - (a) implement the policy direction set in the Strategic Framework, in particular:
 - (i) Theme 2 : Environment and landscape values, Element 3.5.5 – Scenic amenity.
 - (ii) Theme 3 : Natural resource management, Element 3.6.2 – Land and catchment management, Element 3.6.3 Primary production, forestry and fisheries, Element 3.6.4 – Resource extraction.
 - (iii) Theme 5 Economy, Element 3.8.2 – Economic growth and diversification, Element 3.8.4 – Primary production.
 - (iv) Theme 6 : Infrastructure and transport, Element 3.9.4 – Transport.
 - (b) recognise the primacy of rural production, in particular sugar cultivation, and other farming practices in rural areas;
 - (c) provide protection to areas of ecological significance and scenic amenity significance where present.
- (3) The purpose of the code will be achieved through the following overall outcomes:
 - (a) Areas for use for primary production are conserved and fragmentation is avoided.
 - (b) Development embraces sustainable land management practices and contributes to the amenity and landscape of the area.
 - (c) Adverse impacts of land use, both on-site and on adjoining areas, are avoided and any unavoidable impacts are minimised through location, design, operation and management.
 - (d) Areas of remnant and riparian vegetation are retained or rehabilitated.

Criteria for assessment**Table 6.2.10.3.a – Rural 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.	AO1.1 Dwelling houses are not more than 8.5 metres 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.	Not applicable. The proposed development is for Operational Works for Earthworks – no buildings or structures are proposed.
Setbacks		
PO2 Buildings and structures are setback to maintain the rural character of the area and achieve separation from buildings on adjoining properties.	AO2 Buildings are setback not less than: (a) 40 metres from the property boundary and a State-controlled road; (b) 25 metres from the property boundary adjoining Cape Tribulation Road; (c) 20 metres from the boundary with any other road; (d) 6 metres from side and rear property boundaries.	Not applicable. The proposed development is for Operational Works for Earthworks – no buildings or structures are proposed.
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.	Not applicable. The proposed development is for Operational Works for Earthworks – no buildings or structures are proposed.
For assessable development		
PO4 The establishment of uses is consistent with the outcomes sought for the Rural zone and protects the zone from the intrusion of inconsistent uses.	AO4 Uses identified in Table 6.2.10.3.b are not established in the Rural zone.	Complies with PO4. The proposed development is for Operational Works for earthworks to establish a building pad on the subject



Performance outcomes	Acceptable outcomes	Applicant response
		allotment to allow for the future construction of a farm machinery shed. The future farm machinery shed (Rural Activity) is consistent with the purposes and overall outcomes for the Rural Zone.
Performance outcomes	Acceptable outcomes	Applicant response
PO5 Uses and other development include those that: <ul style="list-style-type: none"> (a) promote rural activities such as agriculture, rural enterprises and small scale industries that serve rural activities; or (b) promote low impact tourist activities based on the appreciation of the rural character, landscape and rural activities; or (c) are compatible with rural activities. 	A05 No acceptable outcomes are prescribed.	Complies with PO5. The proposed development is for Operational Works for earthworks to establish a building pad on the subject allotment to allow for the future construction of a farm machinery shed. The future farm machinery shed (Rural Activity) will be compatible with any rural activities that may occur on the subject land.
PO6 Existing native vegetation along watercourses and in, or adjacent to areas of environmental value, or areas of remnant vegetation of value is protected.	A06 No acceptable outcomes are prescribed.	Not Applicable The proposed building pad is not located in proximity to the existing native vegetation or areas of environmental value.
PO7 The minimum lot size is 40 hectares, unless <ul style="list-style-type: none"> (a) the lot reconfiguration results in no additional lots (e.g. amalgamation, boundary realignments to resolve encroachments); or (b) the reconfiguration is limited to one additional lot to accommodate: <ul style="list-style-type: none"> (i) Telecommunications facility; (ii) Utility installation. 	A07 No acceptable outcomes are prescribed.	Not applicable. The proposed development is not for a Reconfiguration of a Lot.

Table 6.2.10.3.b - Inconsistent uses within the Rural zone.

Inconsistent uses		
<ul style="list-style-type: none">• Adult store• Bar• Brothel• Car wash• Child care centre• Club• Community care centre• Community residence• Detention facility,• Dual occupancy• Dwelling unit• Food and drink outlet• Hardware and trade supplies• Health care services• High impact industry	<ul style="list-style-type: none">• Hotel• Indoor sport and recreation• Low impact industry• Medium impact industry• Multiple dwelling• Nightclub entertainment facility• Non-resident workforce accommodation• Office• Outdoor sales• Parking station• Permanent plantation• Port services• Relocatable home park• Renewable energy facility, being a wind farm	<ul style="list-style-type: none">• Residential care facility• Resort complex• Retirement facility• Rooming accommodation• Sales office• Service station• Shop• Shopping centre• Short-term accommodation• Showroom• Special industry• Theatre• Warehouse

Note – This table does not imply that all other uses not listed in the table are automatically consistent uses within the zone. Assessable development must still demonstrate consistency through the assessment process.

8.2.1 Acid sulfate soils overlay code

8.2.1.1 Application

- (1) This code applies to assessing a material change of use, reconfiguring a lot, operational work or building work within the Acid sulfate soils overlay, if:
 - (a) self-assessable or assessable development where the code is identified as being applicable in the Assessment criteria for the Overlay Codes contained in the Levels of Assessment Tables in section 5.6;
 - (b) impact assessable development.
- (2) Land in the Acid sulphate soils overlay is identified on the Acid sulfate soils overlay map in Schedule 2 and includes the following sub-categories:
 - (a) Land at or below the 5m AHD sub-category;
 - (b) Land above the 5m AHD and below the 20m AHD sub-category.
- (3) When using this code, reference should be made to Part 5.

8.2.1.2 Purpose

- (1) The purpose of the acid sulfate soils overlay code is to:
 - (a) implement the policy direction in the Strategic Framework, in particular:
 - (i) Theme 2: Environment and landscape values, Element 3.5.4 Coastal zones.
 - (ii) Theme 3: Natural resource management, Element 3.6.2 land and catchment management, Element 3.6.3 Primary production, forestry and fisheries.
- (2) enable an assessment of whether development is suitable on land within the Acid sulfate soils overlay sub-categories.
- (3) The purpose of the code will be achieved through the following overall outcomes:
 - (a) Development ensures that the release of any acid and associated metal contaminant is avoided by not disturbing acid sulfate soils when excavating, removing soil or extracting ground water or filling land;
 - (b) Development ensures that disturbed acid sulfate soils, or drainage waters, are treated and, if required, on-going management practices are adopted that minimise the potential for environmental harm from acid sulfate soil and protect corrodible assets from acid sulfate soil.

Criteria for assessment**Table 8.2.1.3.a – Acid sulfate soils overlay code – assessable development**

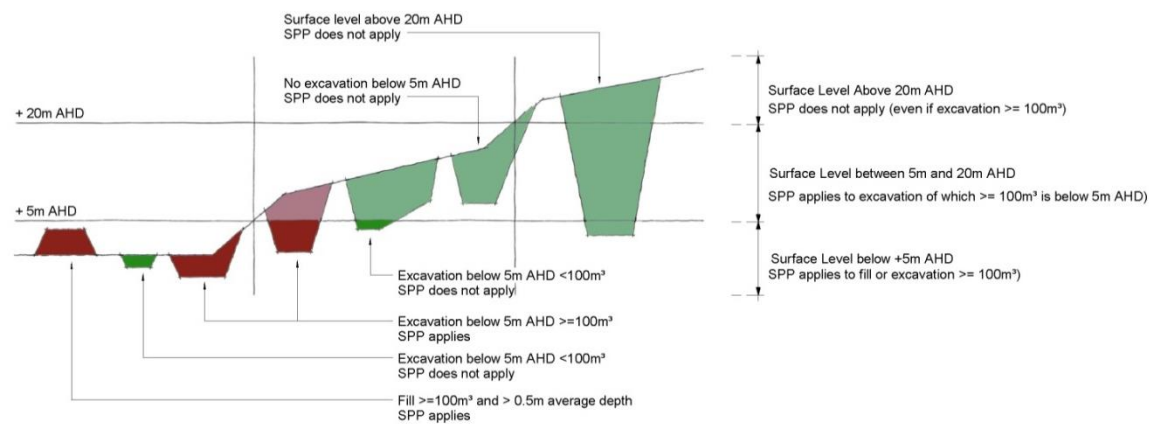
Performance outcomes	Acceptable outcomes	Applicant response
For assessable development		
PO1 The extent and location of potential or actual acid sulfate soils is accurately identified.	AO1.1 No excavation or filling occurs on the site. or AO1.2 An acid sulfate soils investigation is undertaken. Note - Planning scheme policy SC 6.12– Potential and actual acid sulfate soils provides guidance on preparing an acid sulfate soils investigation.	Complies PO1 The subject land is identified as being below 5m AHD. Field survey in the area has confirmed that the existing ground levels where the building pad is proposed are between 4.9m AHD and 5.1m AHD. The Earthworks are required to establish a building pad on the subject allotment to allow for the future construction of a farm machinery shed. The material required for the construction of the proposed building pad will be obtained by undertaking of shallow excavations (a depth between 1 to 2 metres) on another part of the site. Given the existing ground levels, it is unlikely that any shallow excavations to obtain the material to construct the building pad will result in acid sulfate soils being encountered.
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;	Complies PO2 Given the existing ground levels, it is unlikely that any shallow excavations to obtain the material to construct the building pad will result in acid sulfate soils being encountered.



Performance outcomes	Acceptable outcomes	Applicant response
	<p>(c) not undertaking filling that results in:</p> <p>(i) actual acid sulfate soils being moved below the water table;</p> <p>(ii) previously saturated acid sulfate soils being aerated.</p> <p>or</p> <p>AO2.2 The disturbance of potential acid sulfate soils or actual acid sulfate soils is undertaken in accordance with an acid sulfate soils management plan and avoids the release of metal contaminants by:</p> <p>(a) neutralising existing acidity and preventing the generation of acid and metal contaminants;</p> <p>(b) preventing the release of surface or groundwater flows containing acid and metal contaminants into the environment;</p> <p>(c) preventing the in situ oxidisation of potential acid sulfate soils and actual acid sulfate soils through ground water level management;</p> <p>(d) appropriately treating acid sulfate soils before disposal occurs on or off site;</p> <p>(e) documenting strategies and reporting requirements in an acid sulfate soils environmental management plan.</p> <p>Note - Planning scheme policy SC 6.12 – Acid sulfate soils provides guidance on preparing an acid sulfate soils management plan.</p>	
<p>PO3 No environmental harm is caused as a result of exposure to potential acid sulfate soils or actual acid sulfate soils.</p>	<p>AO3 No acceptable outcomes are prescribed.</p>	<p>Complies PO3 Given the existing ground levels, it is unlikely that any shallow excavations to obtain the material to construct the building pad will result in acid sulfate soils being encountered</p>

Performance outcomes	Acceptable outcomes	Applicant response
		and therefore, there will be no environmental harm caused.

Figure 8.2.1.3.a – Acid sulfate soils (SPP triggers)



8.2.3 Coastal environment overlay code

8.2.3.1 Application

- (1) This code applies to assessing a material change of use, reconfiguring a lot, operational work or building work within the Coastal environment overlay, if:
 - (a) self assessable or assessable development where the code is identified as being applicable in the Assessment criteria for the Overlay Codes contained in the Levels of Assessment Tables in section 5.6;
 - (b) impact assessable development.
- (2) Land in the Coastal hazard overlay is identified on the Coastal environment overlay map in Schedule 2 and includes the following sub-categories:
 - (a) Coastal management district sub-category;
 - (b) Erosion prone area sub-category.
- (3) When using this code, reference should be made to Part 5.

8.2.3.2 Purpose

- (1) The purpose of the Coastal environment overlay code is to:
 - (a) implement the policy direction in the Strategic Framework, in particular:
 - (i) Theme 1 Settlement pattern: Element 3.4.7 Mitigation of hazards;
 - (ii) Theme 2 Environment and landscape values: Element 3.5.4 Coastal zones;
 - (iii) Theme 3 Natural resource management: Element 3.6.2 Land and catchment management.
 - (b) enable an assessment of whether development is suitable on land within the Coastal processes sub-categories.
- (2) The purpose of the code will be achieved through the following overall outcomes:
 - (a) facilitate the protection of both coastal processes and coastal resources;
 - (b) facilitating coastal dependent development on the foreshore over other development;
 - (c) public access to the foreshore protects public safety;
 - (d) maintain the erosion prone area as a development free buffer zone (other than for coastal dependent, temporary or relocatable development);
 - (e) require redevelopment of existing permanent buildings or structures in an erosion prone area to avoid coastal erosion risks, manage coastal erosion risks through a strategy of planned retreat or mitigate coastal erosion risks;

- (f) require development to maintain or enhance natural processes and the protective function of landforms and vegetation that can mitigate risks associated with coastal erosion;
- (g) locate and design community infrastructure to maintain the required level of functionality during and immediately after a coastal hazard event.

Criteria for assessment

Table 8.2.3.3.a – Coastal environment overlay code – self-assessable and assessable development

Performance outcomes	Acceptable outcomes	Applicant response
For self-assessable and assessable development		
PO1 No works other than coastal protection works extend seaward of the coastal building line.	AO1.1 Development (including all buildings and other permanent structures such as swimming pools and retaining walls) does not extend seaward of a coastal building line. Note – Coastal building lines are declared under the Coastal Protection and Management Act 1995 and are administered by the State Department of Environment and Heritage Protection. AO1.2 Coastal protection works are only undertaken as a last resort where coastal erosion presents an immediate threat to public safety or existing buildings or structures and the property cannot be relocated or abandoned. AO1.3 Coastal protection works are as far landward as practicable on the lot containing the property to the maximum extent reasonable. AO1.4 Coastal protection work mitigates any increase in the coastal hazard.	Not Applicable There is no coastal building line identified on the subject lot.



Performance outcomes	Acceptable outcomes	Applicant response
For self-assessable and assessable development		
PO2 Where a coastal building line does not exist on a lot fronting the coast or a reserve adjoining the coast, development is setback to maintain the amenity and use of the coastal resource.	AO2 Where a coastal building line does not exist on a lot fronting the coast or a reserve adjoining the coast, development (including all buildings and structures such as swimming pools) and retaining walls are set back not less than 6 metres from the seaward boundary of the lot.	Complies PO2 The proposed works are setback a significant distance from the coast.
For assessable development		
Erosion prone areas		
PO3 Development identifies erosion prone areas (coastal hazards).	AO3 No acceptable outcomes are prescribed.	Not Applicable The proposed works are not located within the erosion prone area.
PO4 Erosion prone areas are free from development to allow for natural coastal processes.	AO4.1 Development is not located within the Erosion prone area, unless it can be demonstrated that the development is for: <ul style="list-style-type: none"> (a) community infrastructure where no suitable alternative location or site exists for this infrastructure; or (b) development that reflects the preferred development outcomes in accordance with the zoning of the site (i.e. in the Low density residential zone, a dwelling house is a preferred development outcome in accordance with the zoning of the site) 	Not Applicable The proposed works are not located within the erosion prone area.
	AO4.2 Development involving existing permanent buildings and structures within an erosion prone area does not increase in intensity of its use by: <ul style="list-style-type: none"> (a) adding additional buildings or structures; or 	Not Applicable The proposed works are not located within the erosion prone area.



Performance outcomes	Acceptable outcomes	Applicant response
	(b) incorporating a land use that will result in an increase in the number of people or employees occupying the site.	
Coastal management districts		
PO5 Natural processes and protective functions of landforms and vegetation are maintained.	PO5.1 Development within the coastal management district: <ul style="list-style-type: none"> (a) maintains vegetation on coastal land forms where its removal or damage may: <ul style="list-style-type: none"> (i) destabilise the area and increase the potential for coastal erosion, or (ii) interrupt the natural sediment trapping processes or dune or land building processes; (b) maintains sediment volumes of dunes and near-shore coastal landforms, or where a reduction in sediment volumes cannot be avoided, increased risks to development from coastal erosion are mitigated by location, design and construction and operating standards; (c) minimises the need for erosion control structures or riverine hardening through location, design and construction standards; (d) maintains physical coastal processes outside the development footprint for the development, including longshore transport of sediment along the coast; (e) reduces the risk of shoreline erosion for areas adjacent to the development footprint to the maximum extent feasible in the case of erosion control structures. 	Complies with PO5. The proposed development is for Operational Works for earthworks to establish a building pad on the subject allotment to allow for the future construction of a farm machinery shed. The proposed works are setback a significant distance from the coast and will not result in any impacts on the natural processes, vegetation or landforms of the coast.



Performance outcomes	Acceptable outcomes	Applicant response
	<p>PO5.2 Where development proposes the construction of an erosion control structure:</p> <ul style="list-style-type: none"> (a) it is demonstrated that it is the only feasible option for protecting permanent structures from coastal erosion; and (b) those permanent structures cannot be abandoned or relocated in the event of coastal erosion occurring <p>PO5.3 Development involving reclamation:</p> <ul style="list-style-type: none"> (a) does not alter, or otherwise minimises impacts on, the physical characteristics of a waterway or the seabed near the reclamation, including flow regimes, hydrodynamic forces, tidal water and riverbank stability; (b) is located outside active sediment transport area, or otherwise maintains sediment transport processes as close as possible to their natural state; (c) ensures activities associated with the operation of the development maintain the structure and condition of vegetation communities and avoid wind and water run-off erosion. 	<p>Not Applicable The proposed works do not involve construction of an erosion control structure or reclamation works.</p>
<p>PO6 Development avoids or minimises adverse impacts on coastal resources and their values to the maximum extent reasonable.</p>	<p>AO6.1 Coastal protection work that is in the form of beach nourishment uses methods of placement suitable for the location that do not interfere with the long-term use of the locality, or natural values within or neighbouring the proposed placement site.</p> <p>And</p>	<p>Not Applicable The proposed works do not involve coastal protection work that is in the form of beach nourishment.</p>



Performance outcomes	Acceptable outcomes	Applicant response
	<p>AO6.2 Marine development is located and designed to expand on or redevelop existing marine infrastructure unless it is demonstrated that it is not practicable to co-locate the development with existing marine infrastructure;</p> <p>and</p> <p>AO6.3 Measures are incorporated as part of siting and design of the development to maintain or enhance water quality to achieve the environmental values and water quality objectives outlined in the Environmental Protection (Water) Policy 2009.</p> <p>and</p> <p>AO6.4 Development avoids the disturbance of acid sulfate soils, or where it is demonstrated that this is not possible, the disturbance of acid sulfate soils is carefully managed to minimise and mitigate the adverse effects of disturbance on coastal resources.</p> <p>and</p> <p>AO6.4 Design and siting of development protects and retains identified ecological values and underlying ecosystem processes within the development site to the greatest extent practicable.</p>	<p>Not Applicable The proposed development does not involve marine development.</p> <p>The proposed works are appropriately located and designed to ensure there are no impacts to water quality.</p> <p>Given the existing ground levels, it is unlikely that any shallow excavations to obtain the material to construct the building pad will result in acid sulfate soils being encountered.</p> <p>The proposed works are appropriately located to ensure there are no impacts on any ecological values.</p>



Performance outcomes	Acceptable outcomes	Applicant response
P07 Development is to maintain access to and along the foreshore for general public access.	A07.1 Development provides for regular access points for pedestrians including approved walking tracks, boardwalks and viewing platforms. and A07.2 Development provides for regular access points for vehicles including approved roads and tracks. or A07.3 Development demonstrates an alternative solution to achieve an equivalent standard of performance.	Complies P07 The Earthworks are required to establish a building pad on the subject allotment to allow for the future construction of a farm machinery shed, on privately owned land. The proposed works will not restrict access to the foreshore.
P08 Public access to the coast is appropriately located, designed and operated.	A08.1 Development maintains or enhances public access to the coast. or A08.2 Development is located adjacent to state coastal land or tidal water and minimises and offsets any loss of access to and along the foreshore within 500 metres. or A08.3 Development adjacent to state coastal land or tidal water demonstrates an alternative solution to achieve an equivalent standard and quality of access	Complies P07 The Earthworks are required to establish a building pad on the subject allotment to allow for the future construction of a farm machinery shed, on privately owned land. The proposed works will not restrict access to the foreshore.



Performance outcomes	Acceptable outcomes	Applicant response
<p>PO9 Development adjacent to state coastal land or tidal water is located, designed and operated to:</p> <ul style="list-style-type: none"> (a) maintain existing access to and along the foreshore; (b) minimise any loss of access to and along the foreshore, or (c) offset any loss of access to and along the foreshore by providing for enhanced alternative access in the general location. 	<p>AO9.1 Development adjacent to state coastal land or tidal water:</p> <ul style="list-style-type: none"> (a) demonstrates that restrictions to public access are necessary for: <ul style="list-style-type: none"> (i) the safe and secure operation of development; (ii) the maintenance of coastal landforms and coastal habitat; or (b) maintains public access (including public access infrastructure that has been approved by the local government or relevant authority) through the site to the foreshore for: <ul style="list-style-type: none"> (i) pedestrians via access points including approved walking tracks, boardwalks and viewing platforms; (ii) vehicles via access points including approved roads or tracks. <p>AO9.2 Development adjacent to state coastal land or tidal water:</p> <ul style="list-style-type: none"> (a) is located and designed to: <ul style="list-style-type: none"> (i) allow safe unimpeded access to, over, under or around built infrastructure located on, over or along the foreshore, for example through the provision of esplanades or easement corridors to preserve future access; (ii) ensure emergency vehicles can access the area near the development. <p>or</p>	<p>Not Applicable The proposed development is not located in proximity to state coastal land or tidal water.</p>



Performance outcomes	Acceptable outcomes	Applicant response
	<p>(b) minimises and offsets any loss of access to and along the foreshore within 500m of existing access points and development is located and designed to:</p> <p>(i) allow safe unimpeded access to, over, under or around built infrastructure located on, over or along the foreshore, and</p> <p>(ii) ensure emergency vehicles can access the area near the development.</p>	
<p>AO10 Development that involves reconfiguring a lot for urban purposes adjacent to the coast is designed to ensure public access to the coast in consideration of public access demand from a whole-of-community basis and the maintenance of coastal landforms and coastal habitat.</p>	<p>AO10.1 Development complies if consideration of public access demand from a whole-of-community basis and the maintenance of coastal landforms and coastal habitat is undertaken.</p> <p>or</p> <p>AO10.2 Development demonstrates an alternative solution to achieve an equivalent standard and quality of access.</p>	<p>Not Applicable The proposed development does not involve reconfiguring a lot.</p>
<p>PO11 Development maintains public access to State coastal land by avoiding private marine development attaching to, or extending across, non-tidal State coastal land.</p>	<p>AO11 Private marine access structures and other structures such as decks or boardwalks for private use do not attach to or extend across State coastal land that is situated above high water mark</p>	<p>Not Applicable The proposed development does not involve marine access structures.</p>
<p>PO12 Development in connection with an artificial waterway enhances public access to coastal waters.</p>	<p>AO12 The artificial waterway avoids intersecting with or connection to inundated land or leased land where the passage, use or movement of vessels in water on the land could be restricted or prohibited by the registered proprietor of the inundated land or leased land.</p>	<p>Not Applicable The proposed development does not involve an artificial waterway.</p>



Performance outcomes	Acceptable outcomes	Applicant response
Coastal landscapes, views and vistas		
PO13 Development maintains and / or enhances natural coastal landscapes, views and vistas.	AO13 No acceptable outcomes are prescribed.	Complies PO13 The proposed works are setback a significant distance from the coast and is screened by existing vegetation.
PO14 Coastal settlements are consolidated through the concentration of development within the existing urban areas through infill and conserving the natural state of the coastal area outside existing urban areas.	AO14 No acceptable outcomes are prescribed.	Not Applicable The proposed development is located on within an existing established area.
Private marine development		
PO15 Private marine development is to avoid attaching to, or extending across, non-tidal State coastal land.	AO15 Private marine development and other structures such as decks or boardwalks for private use do not attach to, or extend across, State coastal land that is situated above high water mark. Note – For occupation permits or allocations of State land, refer to the <i>Land Act 1994</i> .	Not Applicable
PO16 The location and design of private marine development does not adversely affect the safety of members of the public access to the foreshore.	AO16 Private marine development does not involve the erection or placement of any physical barrier preventing existing access, along a public access way to the foreshores.	Not Applicable
PO17 Private marine development is of a height and scale and size compatible with the character and amenity of the location.	AO17 Private marine development has regard to: (a) the height, scale and size of the natural features of the immediate surroundings and locality; (b) the height, scale and size of existing buildings or other structures in the immediate surroundings and the locality;	Not Applicable



Performance outcomes	Acceptable outcomes	Applicant response
	<p>(c) if the relevant planning scheme states that desired height, scale or size of buildings or other structures in the immediate surroundings or locality – the stated desired height, scale or size.</p> <p>Note – The prescribed tidal works code in the <i>Coastal Protection and Management Regulation 2003</i> outlines design and construction requirements that must be complied with.</p>	
PO18 Private marine development avoids adverse impacts on coastal landforms and coastal processes.	AO18 Private marine development does not require the construction of coastal protection works, shoreline or riverbank hardening or dredging for marine access.	Not Applicable
For dry land marinas and artificial waterways		
PO19 Dry land marinas and artificial waterways: <ul style="list-style-type: none"> (a) avoid impacts on coastal resources; (b) do not contribute to the degradation of water quality; (c) do not increase the risk of flooding; (d) do not result in the degradation or loss of MSES; (e) do not result in an adverse change to the tidal prism of the natural waterway to which development is connected. (f) does not involve reclamation of tidal land other than for the purpose of: <ul style="list-style-type: none"> (i) coastal dependent development, public marine development; or (i) community infrastructure, where there is no feasible alternative; or 	AO19 No acceptable solutions are prescribed.	Not Applicable

Performance outcomes		Acceptable outcomes	Applicant response
(iii)	strategic ports, boat harbours or strategic airports and aviation facilities in accordance with a statutory land use plan; or		
(iv)	coastal protection works or works necessary to protect coastal resources and processes.		

8.2.4 Flood and storm tide hazard overlay code

8.2.4.1 Application

- (1) This code applies to assessing a material change of use, reconfiguring a lot, operational work or building work within the Flood and storm tide hazard overlay, if:
 - (a) self assessable or assessable development where the code is identified as being applicable in the Assessment criteria for the Overlay Codes contained in the Levels of Assessment Tables in section 5.6;
 - (b) impact assessable development.
- (2) Land in the Flood and storm tide hazard overlay is identified on the Flood and storm tide hazard overlay map in Schedule 2 and includes the:
 - (a) Storm tide – high hazard sub-category;
 - (b) Storm tide – medium hazard sub-category;
 - (c) Flood plain assessment sub-category;
 - (d) 100 ARI Mossman, Port Douglas and Daintree Township Flood Studies sub-category.
- (3) When using this code, reference should be made to Part 5.

Note - The Flood and storm tide hazards overlay maps contained in Schedule 2 identify areas (Flood and storm tide inundation areas) where flood and storm tide inundation modelling has been undertaken by the Council. Other areas not identified by the Flood and inundation hazards overlay maps contained in Schedule 2 may also be subject to the defined flood event or defined storm tide event.

8.2.4.2 Purpose

- (1) The purpose of the Flood and storm tide hazard overlay code is to:
 - (a) implement the policy direction in the Strategic Framework, in particular:
 - (i) Theme 1 Settlement pattern: Element 3.4.7 Mitigation of hazards;
 - (ii) Theme 6 Infrastructure and transport: Element 3.9.2 Energy.
 - (b) enable an assessment of whether development is suitable on land within the Flood and storm tide hazard sub-categories.
- (2) The purpose of the code will be achieved through the following overall outcomes:
 - (a) development siting, layout and access responds to the risk of the natural hazard and minimises risk to personal safety;
 - (b) development achieves an acceptable or tolerable risk level, based on a fit for purpose risk assessment;
 - (c) the development is resilient to natural hazard events by ensuring siting and design accounts for the potential risks of natural hazards to property;



- (d) the development supports, and does not unduly burden disaster management response or recovery capacity and capabilities;
- (e) the development directly, indirectly and cumulatively avoids an unacceptable increase in severity of the natural hazards and does not significantly increase the potential for damage on site or to other properties;
- (f) the development avoids the release of hazardous materials as a result of a natural hazard event;
- (g) natural processes and the protective function of landforms and/or vegetation are maintained in natural hazard areas;
- (h) community infrastructure is located and designed to maintain the required level of functionality during and immediately after a hazard event.

Criteria for assessment

Table 8.2.4.3.a – Flood and storm tide hazards overlay code –assessable development

Performance outcomes	Acceptable outcomes	Applicant response
For self-assessable and assessable development		
<p>PO1 Development is located and designed to: ensure the safety of all persons; minimise damage to the development and contents of buildings; provide suitable amenity; minimise disruption to residents, recovery time, and rebuilding or restoration costs after inundation events.</p> <p>Note – For assessable development within the flood plain assessment sub-category, a flood study by a suitably qualified professional is required to identify compliance with the intent of the acceptable outcome.</p>	<p>AO1.1 Development is sited on parts of the land that is not within the Flood and Storm tide hazards overlay maps contained in Schedule 2;</p> <p>or</p> <p>For dwelling houses,</p> <p>AO1.2 Development within the Flood and Storm Tide hazards overlay maps (excluding the Flood plain assessment sub-category) is designed to provide immunity to the Defined Inundation Event as outlined within Table 8.2.4.3.b plus a freeboard of 300mm.</p>	<p>Complies PO1 The Earthworks are required to establish a building pad on the subject allotment to allow for the future construction of a new farm machinery shed (Rural Activity). The material required for the construction of the proposed building pad will be obtained by undertaking of shallow excavations on another part of the site.</p> <p>Council's storm tide information nominates a Finished Floor Level (FFL) height 3.58m AHD for the subject land.</p> <p>A level survey has been undertaken over the subject land, which has confirmed ground levels in the vicinity of where the farm machinery shed is to be located are between 4.9m AHD and 5.1m AHD.</p> <p>It is proposed to construct the farm machinery shed on a pad that will have a height of 5.25m</p>



Performance outcomes	Acceptable outcomes	Applicant response
		AHD (see enclosed plans). Accordingly, the farm machinery shed will be approximately 1.7m above nominated finished floor level for storm tide inundation.
Performance outcomes	Acceptable outcomes	Applicant response
	<p>AO1.3 New buildings are:</p> <ul style="list-style-type: none"> (a) not located within the overlay area; (b) located on the highest part of the site to minimise entrance of flood waters; (c) provided with clear and direct pedestrian and vehicle evacuation routes off the site. <p>AO1.4 In non urban areas, buildings and infrastructure are set back 50 metres from natural riparian corridors to maintain their natural function of reducing velocity of floodwaters.</p>	
For assessable development		
<p>P02 The development is compatible with the level of risk associated with the natural hazard.</p>	<p>AO2 The following uses are not located in land inundated by the Defined Flood Event (DFE) / Storm tide:</p> <ul style="list-style-type: none"> (a) Retirement facility; (b) Community care facility; (c) Child care centre. 	<p>Not Applicable The proposed development is not for a Retirement facility; Community care facility; or Child care centre.</p>
<p>P03 Development siting and layout responds to flooding potential and maintains personal safety</p>	<p>For Material change of use</p> <p>AO3.1 New buildings are:</p> <ul style="list-style-type: none"> (a) not located within the overlay area; 	<p>Not Applicable The proposed development is not for a Material Change of Use or Reconfiguration of a Lot.</p>



Performance outcomes	Acceptable outcomes	Applicant response
	<p>(b) located on the highest part of the site to minimise entrance of flood waters;</p> <p>(c) provided with clear and direct pedestrian and vehicle evacuation routes off the site.</p> <p>or</p> <p>AO3.2 The development incorporates an area on site that is at least 300mm above the highest known flood inundation level with sufficient space to accommodate the likely population of the development safely for a relatively short time until flash flooding subsides or people can be evacuated.</p> <p>or</p> <p>AO3.3 Where involving an extension to an existing dwelling house that is situated below DFE /Storm tide, the maximum size of the extension does not exceed 70m² gross floor area.</p> <p>Note – If part of the site is outside the Hazard Overlay area, this is the preferred location of all buildings.</p> <p>For Reconfiguring a lot</p> <p>AO3.4 Additional lots:</p> <p>(a) are not located in the hazard overlay area;</p> <p>or</p> <p>(b) are demonstrated to be above the flood level identified for the site.</p>	



Performance outcomes	Acceptable outcomes	Applicant response
	<p>Note - If part of the site is outside the Hazard Overlay area, this is the preferred location for all lots (excluding park or other open space and recreation lots).</p> <p>Note – Buildings subsequently developed on the lots will need to comply with the relevant building assessment provisions under the <i>Building Act 1975</i>.</p> <p>AO3.5 Road and/or pathway layout ensures residents are not physically isolated from adjacent flood free urban areas and provides a safe and clear evacuation route path:</p> <ul style="list-style-type: none"> (a) by locating entry points into the reconfiguration above the flood level and avoiding culs-de-sac or other non-permeable layouts; and (b) by direct and simple routes to main carriageways. <p>AO3.6 Signage is provided on site (regardless of whether the land is in public or private ownership) indicating the position and path of all safe evacuation routes off the site and if the site contains, or is within 100m of a floodable waterway, hazard warning signage and depth indicators are also provided at key hazard points, such as at floodway crossings or entrances to low-lying reserves.</p> <p>or</p> <p>AO3.7 There is no intensification of residential uses within the flood affected areas on land situated below the DFE/Storm tide.</p>	



Performance outcomes	Acceptable outcomes	Applicant response
	<p>For Material change of use (Residential uses)</p> <p>AO3.8</p> <p>The design and layout of buildings used for residential purposes minimise risk from flooding by providing:</p> <p>(a) parking and other low intensive, non-habitable uses at ground level;</p> <p>Note - The high-set 'Queenslander' style house is a resilient low-density housing solution in floodplain areas. Higher density residential development should ensure only non-habitable rooms (e.g. garages, laundries) are located on the ground floor.</p>	
<p>PO4</p> <p>Development is resilient to flood events by ensuring design and built form account for the potential risks of flooding.</p>	<p>For Material change of use (Non-residential uses)</p> <p>AO4.2</p> <p>Non residential buildings and structures allow for the flow through of flood waters on the ground floor.</p> <p>Note - Businesses should ensure that they have the necessary contingency plans in place to account for the potential need to relocate property prior to a flood event (e.g. allow enough time to transfer stock to the upstairs level of a building or off site).</p> <p>Note - The relevant building assessment provisions under the <i>Building Act 1975</i> apply to all building work within the Hazard Area and need to take into account the flood potential within the area.</p> <p>AO4.3</p> <p>Materials are stored on-site:</p> <p>(a) are those that are readily able to be moved in a flood event;</p> <p>(b) where capable of creating a safety hazard by being shifted by flood waters, are contained in order to minimise movement in times of flood.</p> <p>Notes -</p> <p>(a) Businesses should ensure that they have the necessary contingency plans in place to account for the potential need to relocate property prior to a flood event (e.g. allow enough time to transfer stock to the upstairs level of a building or off site).</p>	<p>Not Applicable</p> <p>The proposed development is not for a Material Change of Use.</p>



Performance outcomes	Acceptable outcomes	Applicant response
	(b) Queensland Government Fact Sheet 'Repairing your House after a Flood' provides information about water resilient products and building techniques.	
<p>PO5 Development directly, indirectly and cumulatively avoids any increase in water flow velocity or flood level and does not increase the potential flood damage either on site or on other properties.</p> <p>Note – Berms and mounds are considered to be an undesirable built form outcome and are not supported.</p>	<p>For Operational works</p> <p>AO5.1 Works in urban areas associated with the proposed development do not involve:</p> <p>(a) any physical alteration to a watercourse or floodway including vegetation clearing; or</p> <p>(b) a net increase in filling (including berms and mounds).</p> <p>AO5.2 Works (including buildings and earthworks) in non urban areas either:</p> <p>(a) do not involve a net increase in filling greater than 50m³; or</p> <p>(b) do not result in any reductions of on-site flood storage capacity and contain within the subject site any changes to depth/duration/velocity of flood waters;</p> <p>or</p> <p>(c) do not change flood characteristics outside the subject site in ways that result in:</p> <p>(i) loss of flood storage;</p> <p>(ii) loss of/changes to flow paths;</p> <p>(iii) acceleration or retardation of flows or any reduction in flood warning times elsewhere on the flood plain.</p>	<p>Complies PO5 The proposed development is for Operational Works for earthworks to establish a building pad on the subject allotment to allow for the future construction of a farm machinery shed. The proposed building pad will have an footprint of approximately 495m² and be approximately 300mm above the existing ground levels.</p> <p>The material required for the construction of the proposed building pad will be obtained by undertaking of shallow excavations (a depth between 1 to 2 metres) on another part of the site.</p> <p>Given the nature of the proposed works and the subject land, it is considered that the proposed development will not result in changes to flood characteristics or potential flood damage either on site or on other properties.</p>



Performance outcomes	Acceptable outcomes	Applicant response
	<p>For Material change of use</p> <p>AO5.3 Where development is located in an area affected by DFE/Storm tide, a hydraulic and hydrology report, prepared by a suitably qualified professional, demonstrates that the development maintains the flood storage capacity on the subject site; and</p> <p>(a) does not increase the volume, velocity, concentration of flow path alignment of stormwater flow across sites upstream, downstream or in the general vicinity of the subject site; and</p> <p>(b) does not increase ponding on sites upstream, downstream or in the general vicinity of the subject site.</p> <p>For Material change of use and Reconfiguring a lot</p> <p>AO5.4 In non urban areas, buildings and infrastructure are set back 50 metres from natural riparian corridors to maintain their natural function of reducing velocity of floodwaters.</p> <p>Note – Fences and irrigation infrastructure (e.g. irrigation tape) in rural areas should be managed to minimise adverse the impacts that they may have on downstream properties in the event of a flood.</p>	<p>Not Applicable The proposed development is not for a Material Change of Use.</p>
<p>PO6 Development avoids the release of hazardous materials into floodwaters.</p>	<p>For Material change of use</p> <p>AO6.1 Materials manufactured or stored on site are not hazardous or noxious, or comprise materials that may cause a detrimental effect on the environment if discharged in a flood event;</p>	<p>Not Applicable The proposed development is not for a Material Change of Use.</p>



Performance outcomes	Acceptable outcomes	Applicant response
	<p>or</p> <p>AO6.2 If a DFE level is adopted, structures used for the manufacture or storage of hazardous materials are: (a) located above the DFE level; or (b) designed to prevent the intrusion of floodwaters.</p> <p>AO6.3 Infrastructure is designed and constructed to resist hydrostatic and hydrodynamic forces as a result of inundation by the DFE.</p> <p>AO6.4 If a flood level is not adopted, hazardous materials and their manufacturing equipment are located on the highest part of the site to enhance flood immunity and designed to prevent the intrusion of floodwaters.</p> <p>Note – Refer to <i>Work Health and Safety Act 2011</i> and associated Regulation and Guidelines, the <i>Environmental Protection Act 1994</i> and the relevant building assessment provisions under the <i>Building Act 1975</i> for requirements related to the manufacture and storage of hazardous materials.</p>	
<p>P07 The development supports, and does not unduly burden, disaster management response or recovery capacity and capabilities.</p>	<p>A07 Development does not: (a) increase the number of people calculated to be at risk of flooding; (b) increase the number of people likely to need evacuation; (c) shorten flood warning times; and</p>	<p>Complies A07 The proposed development is for Operational Works for earthworks to establish a building pad on the subject allotment to allow for the future construction of a farm machinery shed.</p> <p>The proposed development will not increase the number of people at risk of flooding or</p>



Performance outcomes	Acceptable outcomes	Applicant response
	(d) impact on the ability of traffic to use evacuation routes, or unreasonably increase traffic volumes on evacuation routes.	needing evacuation, shorten warning times or impact on the ability use evacuation routes.
PO8 Development involving community infrastructure: (a) remains functional to serve community need during and immediately after a flood event; is designed, sited and operated to avoid adverse impacts on the community or environment due to impacts of flooding on infrastructure, facilities or access and egress routes; retains essential site access during a flood event; is able to remain functional even when other infrastructure or services may be compromised in a flood event.	AO8.1 The following uses are not located on land inundated during a DFE/Storm tide: (a) community residence; and (b) emergency services; and (c) residential care facility; and (d) utility installations involving water and sewerage treatment plants; and (e) storage of valuable records or items of historic or cultural significance (e.g. archives, museums, galleries, libraries). or AO8.2 The following uses are not located on land inundated during a 1% AEP flood event: (a) community and cultural facilities, including facilities where an education and care service under the Education and care Services National law (Queensland) is operated or child care service under the <i>Child Care Act 2002</i> is conducted, (b) community centres; (c) meeting halls; (d) galleries; (e) libraries.	Not Applicable



Performance outcomes	Acceptable outcomes	Applicant response
	<p>The following uses are not located on land inundated during a 0.5% AEP flood event.</p> <ul style="list-style-type: none"> (a) emergency shelters; (b) police facilities; (c) sub stations; (d) water treatment plant <p>The following uses are not located on land inundated during a 0.2% AEP flood event:</p> <ul style="list-style-type: none"> (a) correctional facilities; (b) emergency services; (c) power stations; (d) major switch yards. <p>and/or</p> <p>AO8.3 The following uses have direct access to low hazard evacuation routes as defined in</p> <p>Table 8.2.4.3.c :</p> <ul style="list-style-type: none"> (a) community residence; and (b) emergency services; and (c) hospitals; and (d) residential care facility; and (e) sub stations; and (f) utility installations involving water and sewerage treatment plants. <p>AO8.4 Any components of infrastructure that are likely to fail to function or may result in contamination when inundated by flood, such as electrical switch gear and</p>	



Performance outcomes	Acceptable outcomes	Applicant response
	<p>motors, telecommunications connections, or water supply pipeline air valves are:</p> <p>(a) located above DFE/Storm tide or the highest known flood level for the site;</p> <p>(b) designed and constructed to exclude floodwater intrusion / infiltration.</p> <p>AO8.5 Infrastructure is designed and constructed to resist hydrostatic and hydrodynamic forces as a result of inundation by a flood.</p>	

Table 8.2.4.3.b - Minimum immunity (floor levels) for development

Minimum immunity to be achieved (floor levels)	Uses and elements of activities acceptable in the event
20% AEP level	<ul style="list-style-type: none"> • Parks and open space.
5% AEP level	<ul style="list-style-type: none"> • Car parking facilities (including car parking associated with use of land).
1% AEP level	<ul style="list-style-type: none"> • All development (where not otherwise requiring an alternative level of minimum immunity).
0.5% AEP level	<ul style="list-style-type: none"> • Emergency services (if for a police station); • Industry activities (if including components which store, treat or use hazardous materials); • Substation; • Utility installation.
0.2% AEP level	<ul style="list-style-type: none"> • Emergency services; • Hospital; • Major electricity infrastructure; • Special industry.

Table 8.2.4.3.c - Degree of flood

Criteria	Low	Medium	High	Extreme
Wading ability	If necessary children and the elderly could wade. (Generally, safe wading velocity depth product is less than 0.25)	Fit adults can wade. (Generally, safe wading velocity depth product is less than 0.4)	Fit adults would have difficulty wading. (Generally, safe wading velocity depth product is less than 0.6)	Wading is not an option.
Evacuation distances	< 200 metres	200-400 metres	400-600 metres	600 metres
Maximum flood depths	< 0.3 metre	< 0.6 metre	< 1.2 metres	1.2 metres
Maximum flood velocity	< 0.4 metres per second	< 0.8 metres per second	< 1.5 metres per second	1.5 metres per second
Typical means of egress	Sedan	Sedan early, but 4WD or trucks later	4WD or trucks only in early stages, boats or helicopters	Large trucks, boats or helicopters
Timing Note: This category cannot be implemented until evacuation times have been established in the Counter Disaster Plan (Flooding)	Ample flood forecasting. Warning and evacuation routes remain passable for twice as long as evacuation time.	Evacuation routes remain trafficable for 1.5 times as long as the evacuation.	Evacuation routes remain trafficable for only up to minimum evacuation time.	There is insufficient evacuation time.

Note: The evacuation times for various facilities or areas would (but not necessarily) be included in the Counter Disaster Plan.
Generally safe wading conditions assume even walking surfaces and no obstructions, steps, soft underfoot etc.

8.2.6 Landscape values overlay code

8.2.6.1 Application

- (1) This code applies to assessing a material change of use, reconfiguring a lot, operational work or building work within the Landscape values overlay, if:
 - (a) self-assessable or assessable development where the code is identified as being applicable in the Assessment criteria for the Overlay Codes contained in the Levels of Assessment Tables in section 5.6;
 - (b) impact assessable development.
- (2) Land in the Landscape values overlay is identified on the Landscape values overlay map in Schedule 2 and includes in following sub-categories:
 - (a) High landscape value sub-category;
 - (b) Medium landscape value sub-category;
 - (c) Scenic route buffer / view corridor area sub-category;
 - (d) Coastal scenery area sub-category.
- (3) When using this code, reference should be made to Part 5.

8.2.6.2 Purpose

- (1) The purpose of the Landscape values overlay code is to:
 - (a) implement the policy direction of the Strategic Framework, in particular:
 - (i) Theme 2: Environment and landscape values Element 3.5.5 Scenic amenity;
 - (ii) Theme 3: Natural resource management Element 3.6.4 – Resource extraction.
 - (b) enable an assessment of whether development is suitable on land within the Landscape values overlay sub-categories.
- (2) The purpose of the code will be achieved through the following overall outcomes:
 - (a) areas of High landscape value are protected, retained and enhanced;
 - (b) areas of Medium landscape value are managed to integrate and limit the visual impact of development;
 - (c) the landscape values of the Coastal scenery area are managed to integrate and limit the visual impact of development;
 - (d) development maintains and enhances the significant landscape elements and features which contribute to the distinctive character and identity of Douglas Shire;
 - (e) ridges and vegetated hillslopes are not developed in a way that adversely impacts on landscape values;

- (f) watercourses, forested mountains and coastal landscape character types remain predominantly natural in appearance in order to maintain the region's diverse character and distinctive tropical image, in particular:
 - (i) areas in the coastal landscape character type which are predominantly natural and undeveloped in appearance retain this natural landscape character;
 - (ii) watercourses which are predominantly natural and undeveloped in appearance retain this natural landscape character;
 - (iii) the rural character of cane fields and lowlands landscape character types which are predominantly rural or natural in appearance are maintained;
 - (iv) landscape values are maintained when viewed from lookouts, scenic routes, gateways and public places.
- (g) views towards High landscape value areas and the Coral Sea are not diminished;
- (h) development is consistent with the prevailing landscape character of its setting, and is neither visually dominant nor visually intrusive;
- (i) advertising devices do not detract from the landscape values, character types or amenity of an area.

Criteria for assessment

Table 8.2.6.3.z – Landscape values overlay code – assessable development

Performance outcomes	Acceptable outcomes	Applicant response
For assessable development		
Development in a High landscape value area		
PO1 Development within High landscape value areas identified on the Landscape values overlay maps contained in Schedule 2: <ul style="list-style-type: none"> (a) avoids detrimental impacts on the landscape values of forested skylines, visible hillslopes, ridgelines, the coastal foreshore or the shoreline of other water bodies through the loss of vegetation; (b) is effectively screened from view from a road, lookout or other public place by an existing natural landform or native vegetation, or will be effectively screened by native vegetation within 3 years of construction; 	AO1.1 Buildings and structures are not more than 8.5 metres and two storeys in height. Note - Height is inclusive of roof height. AO1.2 Buildings and structures are setback not less than 50 metres from ridgelines or peaks. AO1.3 Development is screened from view from roads or other public places by an existing natural landform or an existing native vegetation buffer.	Not Applicable



Performance outcomes	Acceptable outcomes	Applicant response
<p>(c) retains existing vegetation and incorporates new landscaping to enhance existing vegetation and visually soften built form elements;</p> <p>(d) incorporates development of a scale, design, height, position on site, construction materials and external finishes that are compatible with the landscape values of the locality;</p> <p>(e) avoids detrimental impacts on landscape values and excessive changes to the natural landform as a result of the location, position on site, scale, design, extent and alignment of earthworks, roads, driveways, retaining walls and other on-ground or in-ground infrastructure;</p> <p>(f) avoids detrimental impacts on landscape values and views as a result of the location, position on site, scale, design and alignment of telecommunications facilities, electricity towers, poles and lines and other tall infrastructure;</p> <p>(g) extractive industry operations are avoided.</p> <p>Note - A visual impact assessment is undertaken in accordance with Planning scheme policy SC6.6 – Landscape values in order to satisfy performance outcomes.</p>	<p>AO1.4 Where development on land steeper than 1 in 6 (16.6%) cannot be avoided: (a) development follows the natural; contours of the site; buildings are split level or suspended floor construction, or a combination of the two; lightweight materials are used to areas with suspended floors.</p> <p>Note - Examples of suitable lightweight materials include timber or fibre cement boards or sheeting for walls and factory treated metal sheeting for walls and roofs.</p> <p>AO1.5 The external features, walls and roofs of buildings and structures have a subdued and non-reflective palette.</p> <p>Note - Examples of suitable colours include shades of green, olive green, blue green, grey green, green blue, indigo, brown, blue grey, and green yellow.</p> <p>AO1.6 No clearing of native vegetation occurs on land with a slope greater than 1 in 6 (16.5%).</p> <p>AO1.7 Where for accommodation activities or reconfiguration of a lot in a High landscape value area, development demonstrates that the height, design, scale, positioning on-site, proposed construction materials and external finishes are compatible with the landscape values.</p> <p>Note - A visual impact assessment undertaken in accordance with Planning scheme policy SC6.6 – Landscape values may be required.</p>	<p>Not Applicable</p>



Performance outcomes	Acceptable outcomes	Applicant response
	AO1.8 Advertising devices do not occur.	
Development within the Medium landscape value area		
PO2 Development within Medium landscape value areas identified on the Landscape values overlay maps contained in Schedule 2: (a) avoids detrimental impacts on the landscape values of forested skylines, visible hillslopes, ridgelines, the coastal foreshore or the shoreline of other water bodies through the loss of vegetation; (b) is effectively screened from view from a road, lookout or other public place by an existing natural landform or native vegetation, or will be effectively screened by native vegetation within 5 years of construction; (c) retains existing vegetation and incorporates new landscaping to enhance existing vegetation and visually soften built form elements; (d) incorporates development of a scale, design, height, position on site, construction materials and external finishes that are compatible with the landscape values of the locality; (e) avoids detrimental impacts on landscape values and excessive changes to the natural landform as a result of the location, position on site, scale, design and alignment of earthworks, roads, driveways, retaining walls and other on-ground or in-ground infrastructure;	AO2.1 Buildings and structures are not more than 8.5 metres and two storeys in height. Note - Height is inclusive of the roof height. AO2.2 Development is screened from view from roads or other public places by an existing natural landform or an existing native vegetation buffer. AO2.3 Where development on land steeper than 1 in 6 (16.6%) cannot be avoided: (a) development follows the natural; contours of the site; (b) buildings are split level or suspended floor construction, or a combination of the two; (c) lightweight materials are used to areas with suspended floors. Note - Examples of suitable lightweight materials include timber or fibre cement boards or sheeting for walls and factory treated metal sheeting for walls and roofs. AO2.4 The external features, walls and roofs of buildings and structures have a subdued and non-reflective palette. Note - Examples of suitable colours include shades of green, olive green, blue green, grey green, green blue, indigo, brown, blue grey, and green yellow.	The proposed development is for Operational Works for earthworks to establish a building pad on the subject allotment to allow for the future construction of a farm machinery shed. No buildings or structures are proposed as part of this application. The building pad is centrally located within the allotment on flat land and the future farm machinery shed will be appropriately screened. The earthworks will not result in the removal of any vegetation. No, advertising devices are proposed.



Performance outcomes	Acceptable outcomes	Applicant response
<p>(f) avoids detrimental impacts on landscape values and views as a result of the location, position on site, scale, design and alignment of telecommunications facilities, electricity towers, poles and lines and other tall infrastructure;</p> <p>(g) extractive industry operations are avoided, or where they cannot be avoided, are screened from view.</p> <p>Note - A visual impact assessment is undertaken in accordance with Planning scheme policy SC6.6 – Landscape values in order to satisfy performance outcomes.</p>	<p>AO2.5 No clearing of native vegetation occurs on land with a slope greater than 1 in 6 (16.6%).</p> <p>AO2.6 Advertising devices do not occur.</p>	
Development within a Scenic route buffer / view corridor area		
<p>P03 Development within a Scenic route buffer / view corridor area as identified on the Landscape values overlay maps contained in Schedule 2:</p> <p>(a) retains visual access to views of the surrounding landscape, the sea and other water bodies;</p> <p>(b) retains existing vegetation and incorporates landscaping to visually screen and soften built form elements whilst not impeding distant views or view corridors;</p> <p>(c) incorporates building materials and external finishes that are compatible with the visual amenity and the landscape character;</p> <p>(d) minimises visual impacts on the setting and views in terms of:</p> <p>(e) the scale, height and setback of buildings;</p> <p>(f) the extent of earthworks and impacts on the landform including the location and configuration of access roads and driveways;</p>	<p>AO3.1 Where within a Scenic route buffer / view corridor area, the height of buildings and structures is not more than identified within the acceptable outcomes of the applicable zone code.</p> <p>AO3.2 No clearing of native vegetation is undertaken within a Scenic route buffer area.</p> <p>AO3.3 Where within a Scenic route buffer / view corridor area development is set back and screened from view from a scenic route by existing native vegetation with a width of at least 10 metres and landscaped in accordance with the requirements of the landscaping code.</p> <p>AO3.4 Development does not result in the replacement of, or creation of new, additional, or enlarged advertising devices.</p>	Not Applicable



Performance outcomes	Acceptable outcomes	Applicant response
<p>(g) the scale, extent and visual prominence of advertising devices.</p> <p>Note - A visual impact assessment is undertaken in accordance with Planning scheme policy SC6.6 – Landscape values in order to satisfy performance outcomes.</p>		
Development within the Coastal scenery area		
<p>PO4 The landscape values of the Coastal scenery zone as identified on the Landscape values overlay maps contained in Schedule 2 are managed to integrated and limit the visual impact of development.</p> <p>Note - A visual impact assessment is undertaken in accordance with Planning scheme policy SC6.6 – Landscape values in order to satisfy performance outcomes.</p>	<p>AO4.1 The dominance of the natural character of the coast is maintained or enhanced when viewed from the foreshore.</p> <p>AO4.2 Where located adjacent to the foreshore buildings and structures are setback:</p> <p>(a) Where no adjoining development, a minimum of 50 metres from the coastal high water mark and the setback area is landscaped with a native vegetation buffer that has a minimum width of 25 metres; or</p> <p>(b) Where there is adjoining development, setbacks will be consistent with that of adjoining buildings and structures, but not less than 10 metres from the coastal high water mark. The setback area is landscaped in accordance with the requirements of the Landscaping code.</p> <p>AO4.3 Where separated from the foreshore by land contained within public ownership (e.g. unallocated State land, esplanade or other public open space), buildings and structures area setback:</p>	<p>Not Applicable</p>



Performance outcomes	Acceptable outcomes	Applicant response
	<p>(a) where no adjoining development, a minimum of 6 metres from the coastward property boundary. The setback area is landscaped in accordance with the requirements of the Landscaping code; or</p> <p>(b) where there is adjoining development, setbacks will be consistent with that of adjoining buildings and structures. The setback area is landscaped in accordance with the requirements of the Landscaping code.</p>	
<p>P05 Development is to maximise opportunities to maintain and/or enhance natural landscape values through the maintenance and restoration of vegetated buffers between development and coastal waters, where practical.</p> <p>Note – A visual impact assessment is undertaken in accordance with Planning scheme policy SC6.6 – Landscape values in satisfaction of a performance outcome.</p>	<p>A05 No clearing of native vegetation is undertaken within a Coastal scenery area zone, except for exempt vegetation damage undertaken in accordance with the Vegetation management code</p>	<p>Not Applicable</p>

9.4.4 Filling and excavation code

9.4.4.1 Application

(1) This code applies to assessing:

- (a) operational work for filling or excavation which is self-assessable or code assessable development if this code is an applicable code identified in the assessment criteria column of a table of assessment; or
- (b) a material change of use or reconfiguring a lot if:
 - i. assessable development where this code is identified as a prescribed secondary
 - ii. code in the assessment criteria column of a table of assessment; or
 - iii. impact assessable development, to the extent relevant.

Note—This code does not apply to building work that is regulated under the Building Code of Australia.

(2) When using this code, reference should be made to Part 5.

9.4.4.2 Purpose

(1) The purpose of the Filling and excavation code is to assess the suitability of development for filling or excavation.

(2) The purpose of the code will be achieved through the following overall outcomes:

- (a) filling or excavation does not impact on the character or amenity of the site and surrounding areas;
- (b) filling and excavation does not adversely impact on the environment;
- (c) filling and excavation does not impact on water quality or drainage of upstream, downstream or adjoining properties;
- (d) filling and excavation is designed to be fit for purpose and does not create land stability issues;
- (e) filling and excavation works do not involve complex engineering solutions.

9.4.4.3 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 accepted development subject to requirements and assessable development		
Filling and excavation - General		

<p>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.</p>	<p>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.</p> <p>AO1.2 Cuts are supported by batters, retaining or rock walls and associated benches/terraces are capable of supporting mature vegetation.</p> <p>AO1.3 Cuts are screened from view by the siting of the building/structure, wherever possible.</p> <p>AO1.4 Topsoil from the site is retained from cuttings and reused on benches/terraces.</p> <p>AO1.5 No crest of any cut or toe of any fill, or any part of 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>	<p>Complies The Earthworks are required to establish a building pad on the subject allotment to allow for the future construction of a farm machinery shed. The material required for the construction of the proposed building pad will be obtained by undertaking of shallow excavations on other parts of the site.</p> <p>The proposed building pad will have a footprint of approximately 495m² and be approximately 300mm above the existing ground levels.</p> <p>The material required for the construction of the proposed building pad will be obtained by undertaking of shallow excavations (a depth between 1 to 2 metres) on another part of the site.</p> <p>The filling and excavation work will not create a detrimental impact on the slope stability, erosion potential or visual amenity of the site or the surrounding area.</p>
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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, 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>Complies The Earthworks are required to establish a building pad on the subject allotment to allow for the future construction of a farm machinery shed. The building pad, including the batters will have an area of approximately 495m²., there will also additional areas where the shallow excavations will be occurring to obtain the material. It is also noted that the filling and excavation are not occurring within 2 metres of the site boundary.</p> <p>It is considered that the earthworks do not result adverse impacts on the amenity, privacy or function of the site or adjoining premises; and is not visually intrusive.</p>
Flooding and drainage		
<p>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.</p>	<p>AO3.1 Filling and excavation does not result in the ponding of water on a site or adjacent land or road reserves.</p> <p>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.</p> <p>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.</p> <p>AO3.4 Filling and excavation complies with the specifications set out in Planning Scheme Policy No SC5 – FNQROC Development Manual.</p>	<p>Complies The proposed development is for Operational Works for earthworks to establish a building pad on the subject allotment to allow for the future construction of a farm machinery shed. The proposed building pad will have a footprint of approximately 495m² and be approximately 300mm above the existing ground levels.</p> <p>The material required for the construction of the proposed building pad will be obtained by undertaking of shallow excavations (a depth between 1 to 2 metres) on another part of the site.</p> <p>Given the nature of the proposed works and the subject land, it is considered that the proposed development will not result in changes to flood characteristics or potential flood damage either on site or on other properties.</p>

Water quality		
PO4 Filling and excavation does not result in a reduction of the water quality of receiving waters.	A04 Water quality is maintained to comply with the specifications set out in Planning Scheme Policy No SC5 – FNQROC Development Manual.	Complies The proposed filling and excavation will not result in a reduction of water quality of receiving waters.
Infrastructure		
PO5 Excavation and filling does not impact on Public Utilities.	A05 Excavation and filling is clear of the zone of influence of public utilities.	Complies Excavation and filling will not impact on Public Utilities.