

 Our ref: PR143947/OLD/SD/L78710
 135 Abbott Street

 Cairns QLD 4870
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Date: 21 August 2019

Attn: Mr Brian Millard Chief Executive Officer Mareeba Shire Council PO Box 154 Mareeba QLD 4880

Dear Sir,

# RE: DEVELOPMENT APPLICATION FOR MATERIAL CHANGE OF USE - AIR SERVICES FACILITY (AVIATION TRAINING CENTRE) LOCATED AT 578 RAY ROAD, MAREEBA, FORMALLY DESCRIBED AS LOT 1 ON RP734348

RPS Australia East Pty Ltd confirms that we act on behalf of MAF International (the 'applicant') in respect of the preparation and lodgement of the abovementioned Development Application with Mareeba Shire Council. This application replaces the previous Development Application for Material Change of Use (Air Services Facility) lodged with Mareeba Shire Council on 18 July 2019.

This application seeks development approval for a Material Change of Use (Air Services Facility) in order to facilitate establishment of an Aviation Training Centre and ancillary services on Lot 1 on RP734348. In support of this application, please find attached the following:

- Planning Report for MAF International, included as Attachment 1;
- Completed Development Application Form 1, included as Attachment 2.

RPS notes that the applicable application fee for this proposed development - \$8,205.00, has previously been paid to Mareeba Shire Council by the applicant.

Given the Not-For-Profit status afforded by MAF International, the applicant further requests that Council give due consideration to either a full or partial fee waiver of the application fees, on the grounds that MAF International is charitable organisation that relies solely on sponsorship and community donations to fund and support its extensive aid and flight operations to some of the world's poorest communities. Application fees such as this require the diversion of valuable funds away from air service operations that contribute to wider community benefit.

Taking these factors into consideration, we respectfully request that Council agree to a request to waive the application fee applicable to the proposed development, which is reflective of the charitable status of the applicant.

#### Our ref: PR143947/OLD/SD/L78617

We trust this submission is sufficient for your purposes, however, should you require any additional information, please do not hesitate to contact the undersigned.

Yours sincerely,

for RPS Australia East Pty Ltd

Owen Dalton Principal Planner

owen.dalton@rpsgroup.com.au

enc: Attachment 1: Planning Report

Attachment 2: DA Form 1

Our ref: PR143947/OLD/SD/L78617

## **Attachment 1**

**Planning Report** 

RPS Australia East Pty Ltd. Registered in Australia No. 44 140 292 762



# **MCU - MAREEBA FLIGHT SCHOOL**

**Town Planning Report in Support of Application for Material Change of Use** 



Document status					
Version	Purpose of document	Authored by	Reviewed by	Approved by	Review date
Final	Planning Report	S.Devaney	O.Dalton	O.Dalton	17 July 2019
Amend	Planning Report	S.Devaney	O.Dalton	O.Dalton	
Amend	Planning Report	S.Devaney	O.Dalton	O.Dalton	

Approval for issue	
Owen Dalton	17 July 2019

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Prepared by: Prepared for:

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PR143947/OLD/SD/R78590 | MCU - Mareeba Flight School | Final | 02 July 2019

# **Contents**

Sum	mary .	<sup>1</sup>	1
1	INTR	RODUCTION	2
2	CITE	E DETAILS	3
2	2.1	Site particulars	
	2.2	Planning context	
	2.3	Site characteristics	
	2.3	Search Results	
	2.5	Surrounding land uses	
•		· ·	
3		OPOSAL	
	3.1	Background	
	3.2	Proposed Development	
		3.2.1 Offices/Classrooms	
		3.2.2 Workshops	
		3.2.3 Non-Self-Contained Units	
		3.2.4 Self Contained Dwellings	
		3.2.5 Caretaker Accommodation	
		3.2.6 Other Elements	7
4	KEY	Y PLANNING ISSUES	8
	4.1	Detailed Plan	8
	4.2	Staging	
	4.3	Environmental Assessment	8
	4.4	Service Provision	8
		4.4.1 Overview	8
		4.4.2 Electricity	9
		4.4.3 Water	9
		4.4.4 Sewer	9
	4.5	Traffic and Access	
		4.5.1 Internal Roadways	10
5	LEG	GISLATIVE REQUIREMENTS	11
	5.1	Assessment manager	11
	5.2	Categories of assessment	
	5.3	Referrals	
	5.4	Public notification	
•	_	ATUTORY PLANNING ASSESSMENT	
6	6.1	State and Regional Assessment Benchmarks	
	0.1	6.1.1 Regional Plan	
		<ul><li>6.1.2 State Planning Policy</li><li>6.1.3 State Development Assessment Provisions (SDAP)</li></ul>	
	6.2	Planning Scheme	
	0.2	6.2.1 Codes	
7	CON	NCLUSION	15
Tab	lee		
ıau	163		
		Summary	
		ite particulars	
Table	3: Pla	Planning context	4

#### **REPORT**

Table 4: Site characteristics	,
Table 5: Search Results	ļ
Table 6: Surrounding uses	)
Table 7: Categories of assessment	
Figures	
Figure 1: Site Location	í
Appendices	
Appendix A: Certificate(s) of title and Owner's Consent	
Appendix B: RPS Drawing No. PR143894-06 D Concept Plan	
Appendix C: CodeAssessments	
Appendix D: EVNT Survey Report	
Appendix E: RPS DrawingNo.PR143947-7Photos	

# **SUMMARY**

## **Table 1: Summary**

Details				
Site Address:	578 Ray Road, Mareeb	а		
Real Property Description:	Lot 1 on RP734348			
Site Area:	5.3 ha			
Zone:	Rural			
Owner(s):	Victor Angelo Bonaccorsi and Maria Bonccorsi			
Proposal				
Brief Description/ Purpose of Proposal:	MCU – 'Air Services Facility (incorporating pilot and aircraft technician education, training and accommodation facilities, service/maintenance workshops and caretaker accommodation)'			
Development Staging				
Application Details				
Aspect of Development	Preliminary appr	oval	Development permit	
Material change of use				
Building Work				
Operational Work				
Reconfiguration of a Lot				
Assessment Category	☐ Code		⊠ Impact	
Public Notification	□ No		⊠ Yes:	
Superseded Planning Scheme Application	☐ Yes		⊠ No	
Referral Agencies				
Agency	Concurrence	Advice	Pre-lodgement response	
Department of Natural Resources, Mines & Energy			⊠ Yes □ No	
Pre-lodgement				
Entity		Date	Contact Name	
Council DA Team	⊠ Yes □ No	5 July 2019	B.Millard & C.Ewin	
Other				
Council officer/s previously involved:	Brian Millard and Carl E	Ewin		
Applicant contact person	Owen Dalton Principal Planner D: +61 7 42761028 E: owen.dalton@rpsgro	oup.com.au		

### 1 INTRODUCTION

RPS has been engaged by MAF International to seek development approval for establishment of an Air Services Facility (Flight Training Centre) adjacent to the Mareeba Airport Aviation Industrial Park. Services proposed to be provided by the proposed Mareeba Air Services Facility will compliment existing and proposed expansion of the services provided within the Aviation Industrial Park. The proposed development encompasses the development of "Caretaker Accommodation", "Air Services", "Educational Establishment", "Multiple Dwelling", "Offices" and "Rooming Accommodation" facilitating establishment of an Aviation Training Centre to expand MAF International's existing operations that support flight operations focused upon delivering aid, development and mission organisations to remote communities.

The proposed development is to be located at 578 Ray Road, Mareeba, on land formally described as Lot 1 on RP734348. Under Mareeba Shire Council's Planning Scheme, the subject site is currently zoned "Rural", as such the proposal involves a change in the current land use to "Air Services Facility".

During preparation of this application and supporting documents, RPS has undertaken assessment of the proposal against a range of matters considered relevant to Council's consideration of the application, including provisions of the Planning Scheme, identification of potential conflict issues (and responsive measures intended to mitigate any adverse impacts), and general site suitability issues.

Based on these assessments, the proposal is recommended for approval subject to reasonable and relevant conditions.

PR143947/OLD/SD/R78590 | MCU - Mareeba Flight School | Final | 02 July 2019

# 2 SITE DETAILS

# 2.1 Site particulars

Key details of the subject site are as follows:

**Table 2: Site particulars** 

Site Particulars		
Site Address	578 Ray Road, Mareeba	
Real Property Description	Lot 1 on RP734348	
Site Area	5.3 ha	
Land Owner(s)	Victor Angelo Bonaccorsi and Maria Bonccorsi	

The site location and its extent are shown in Figure 1 below respectively.

Certificate/s of title confirming site ownership details are included at Appendix A.



Figure 1 Site Location

Source: Google Earth

# 2.2 Planning context

The planning context of the site includes the following:

**Table 3: Planning context** 

Mareeba Shire Council Planning Scheme 2017

Zoning	Rural Zone
Overlays	Agricultural Land Overlay (Class A)     Airport Environs Overlay Code
	Bushfire Hazard Overlay (Medium Potential Bushire Intensity and Potential Impact Buffer)
	Transport Infrastructure Overlay Code (Minor Rural Road)

## 2.3 Site characteristics

Site inspection and searches of local and state government records indicate that key site characteristics include:

**Table 4: Site characteristics** 

Site Features	Details		
Existing use of the site	The site currently contains a residential dwelling,		
	fronting Ray Road. The balance of the site is vacant.		
Topography	The site is relatively flat with minor undulations.		
Vegetation	The majority of the site us classified as Category X		
	and has been historically cleared. The balance		
	contains "Category B – Remnant Vegetation",		
	predominantly consisting of Eucalyptus open		
	woodland of least concern.		
Road Frontages and Length	Lot 1 on RP734348 has road frontage of		
	approximately 140 metres to Ray Road.		
Services	Electricity, water and telecommunication services		
	are already provided to the existing premises.		
Waterways	There are no waterways traversing the site.		

Aerial photograph / site photographs of the site and its context provided in **Appendix E** to this report.

## 2.4 Search Results

The following searches of local and state records have been undertaken.

**Table 5: Searches** 

Search materials	Details	
DA Mapping System	Category B – Remnant Vegetation (Least Concern Regional Ecosystems)	

Copies of search results are included at Appendix C.

# 2.5 Surrounding land uses

Immediately surrounding land uses comprise the following.

Table 6: Surrounding uses

Direction	Commentary	
North Existing banana farm		
East	Mareeba Airport Aviation Industrial Park	
South	Vacant lot – "Category B Remnant Vegetation"	
West	Dwelling and ancillary farm buildings surrounded by remnant vegetation.	

## 3 PROPOSAL

## 3.1 Background

Mission Aviation Fellowship (MAF) is an international Christian not for profit organisation whose mission is to fly light aircraft and to use other technologies to bring help and hope to people in some of the world's poorest countries and/or communities.

To achieve this mission, MAF currently operate a global fleet of over 130 light aircraft and employ 1,250 staff in over 25 countries. To ensure that its fleet of aircraft and staff are operating to the highest levels of maintenance and safety, MAF operate a number of service and training centres around the world. These operations include aircraft service and maintenance facilities, as well as education and training facilities, not only for pilots and flight crews but also for ground based aircraft maintenance and system technicians.

Within the Australian – Asia Pacific Region, these services are provided via MAF's Mareeba operations, which are currently located within leased premises at the eastern end of the Mareeba airport. These facilities however utilise hangers and ancillary buildings that are somewhat outdated and not specifically "built for purpose".

At the same time, MAF lease a number of residential properties within the district, used to accommodate staff participating in training courses. The location of these properties remote from the airport however gives rise to certain logistical issues, associated with the need to transport trainees and staff to and from the current centre of operations.

Using the recent completion of the Mareeba Airport Aviation Industrial Park as a catalyst, MAF is seeking to relocate and consolidate its local operations into "built for purpose" facilities to be located both within and adjacent to the Aviation Industrial Park.

Some operations which are dependent upon direct access to the actual runway, including flight operations, aircraft hangers and "in situ" aircraft services, are intended to be located within Stage 2 of the Aviation Industrial Park development, situated on the southern side of the runway at the western end of the Aviation Industrial Park and on the eastern side of Ray Road. MAF is in negation with Mareeba Shire Council, who manage the airport, to secure long-term leases of up to six (6) hangers and associated buildings to be developed within the Stage 2 area.

A number of other elements of MAF's current (and proposed-to-be-expanded) operations, whilst benefiting from being located in close proximity to air side operations, are not dependent upon having direct access to the air side of the airport. At the same time, it would not be desirable or appropriate to locate some of these elements within the boundaries of the Aviation Industrial Park, due to conflicts / adverse impacts associated within ongoing air side operations. This is particularly so with the intended residential component of the proposed expansion, particularly in respect to noise impacts.

Accordingly, MAF is in the process of acquiring a separate parcel of freehold land upon which they intend to develop a range of facilities that, whilst integrated to MAF's overall operations, are not dependent upon having direct access to the air side of the airport. This parcel of land (Lot 1 on RP734348) is located on the western side of Ray Road and adjacent to the access into the new Aviation Industrial Park. The location of this land is considered to be ideal, in that it remains in close proximity to proposed air side operations but avoids potential conflicts with air side operations, not only those associated with MAF activities but also other existing and likely future aircraft operators. The following sections of this report provides further details as to the nature and extent of facilities proposed to be developed upon this land.

# 3.2 Proposed Development

As indicated, MAF International is seeking approval, via an application to Mareeba Shire Council seeking a Development Permit for Material Change of Use of the subject land, to facilitate development upon that land of a dedicated Air Services Facility targeted at supporting and expanding MAF's ongoing aviation services activities in the region. This development will incorporate a number of elements, as illustrated upon the Concept Plan prepared by RPS and provided for reference as **Appendix B** to this report

A summary of the various elements within the proposed development is provided below:

#### 3.2.1 Offices/Classrooms

It is intended that the existing dwelling upon the site will be converted to enable use for offices and classrooms, primarily by students undertaking pilot training.

#### 3.2.2 Workshops

A total of three (3) workshops are proposed to be developed upon the site. These workshops, having a combined maximum floor area of approximately 2,260m², will allow for on-site aircraft, engine and flight systems servicing and maintenance operations, either of complete aircraft or component parts, as well as training facilities for technicians and apprentices. The height of these proposed workshops will be less than the maximum permissible height of 10 metres as applicable to the Rural Zone. One workshop (being the one in the south eastern most corner of the site) is likely to be fitted out for spray painting, either of component parts or whole aircraft, whilst the remaining two (2) workshops are proposed to be dedicated to less-specialised engine and parts maintenance, servicing etc

#### 3.2.3 Non-Self-Contained Units

A maximum of twenty (20), single storey, non-self-contained units are proposed, along with a central facilities building that will provide central kitchen, dining and recreational opportunities for residents of the units.

It is intended that these units will be occupied by short-stay guests to the facility, as well as technicians and apprentices who are likely to reside during the working week but return to local places of residence on weekends.

#### 3.2.4 Self Contained Dwellings

A maximum of seven (7) single storey, self-contained dwelling houses are proposed to be developed upon the western portion of the site. It is intended that these dwellings will be occupied on a longer-term basis, principally by those undertaking pilot training, which generally extends over a period of up to 12 months or more. Many of those undertaking pilot training have family commitments and it is intended that these commitments be preserved by allowing family members, often from overseas areas of operations, to reside together during the course of training

#### 3.2.5 Caretaker Accommodation

Single storey, self-contained accommodation for an on-site caretaker is also proposed. This person(s) will be responsible for general site maintenance and other management duties.

#### 3.2.6 Other Elements

As well as the above-described principle site elements, a number of other elements are proposed upon the site. These include:

- Agricultural buffer/green space, proposed to mitigate potential conflicts between the proposed development and on-going agricultural production (bananas) on the norther adjacent property, as well as between the self-contained dwelling component and other elements of the proposed development
- Solar farm MAF is intending for the proposed development to be as self-sufficient and sustainable as
  possible. It is intended that each structure will incorporate roof mounted solar panels and that these, in
  conjunction with a central storage battery system, will be interconnected to form a micro electricity grid.
  However, should the generating capacity of this network prove to be insufficient to meet overall demands,
  it is intended to develop an in-situ solar farm in order to meet these demands

## 4 KEY PLANNING ISSUES

#### 4.1 Detailed Plan

Given the extensive amount of works involved (and hence cost) it was agreed during pre-lodgement negotiations with Council officers that it would not be necessary to provide detailed floor plans of each element of the proposed development at this stage. Rather, it was agreed that it would be acceptable if "upper limits" to each of these elements were to be incorporated into the application and/or supporting documents, and that Council could / would impose these limits via appropriate conditions upon an approval, if granted.

We have responded to this agreement by seeking to define these upper limits to development upon the submitted Concept Plan (**Appendix B**), and/or within the supporting Planning Report. Accordingly, we suggest that it would be appropriate and acceptable if Council, in granting approval, were to impose as a condition upon that approval which stipulates that development not exceed those levels identified upon the approval Concept Plan. However, if Council were to require final "sign off" of the detailed design and layout of each element of the development, it would be acceptable to the applicant if Council were to impose a requirement that detailed plans for each element of the approval development, including floor plans and elevations, be submitted to and approved by Council prior to seeking a Development Permit for Building Works for each element.

# 4.2 Staging

It is intended that the proposed development will proceed in stages, rather than in one overall development, with the extent and timing of each stage to be dictated by a number of as-yet-unknown factors, such as demand and finance availability. In addition, it is likely that each element of the proposed development will also proceed in stages – that is to say that, rather than construct the seven (7) detached dwellings and/or the 20 (maximum) non-self-contained units in one stage, it is likely that each of these elements will also be completed in stages.

For instance, it may be that Stage 1 of the overall development may incorporate one workshop building, one "wing" of non-self-contained units (i.e. 5 units) and one or two detached dwellings, with the balance of each element to be developed progressively during successive stages.

## 4.3 Environmental Assessment

RPS was engaged by MAF International to conduct a flora survey, given that the subject site is mapped as being located within a high-risk area on Protected Plant Mapping. The resulting Endangered, Vulnerable or Near Threatened (EVNT) Survey Report is provided for reference as **Appendix D**. The subject site contains both Category B remnant vegetation and non-remnant vegetation. The proposed development intends to allow for the progressive staging of development, with proposed building envelopes to be "micro sited" at the detailed design stage so as to minimise disturbance to existing vegetation. The EVNT Survey identified that no EVNT species were present on the subject site, nor were any located within the 100m area.

The EVNT Survey initially involved a desktop review of existing vegetation, followed by on-site assessment of terrestrial habitats present on the site. The report identified that existing vegetation communities were highly modified, with remnant vegetation pockets located amongst non-remnant vegetation. It was evident that historical clearing associated with the existing dwelling has contributed to this modification of the natural environment. Photos of the existing remnant and non-remnant vegetation are provided for reference as **Appendix E**.

## 4.4 Service Provision

#### 4.4.1 Overview

MAF International is committed to minimising the environmental footprint associated with their support and aid service operations. As such, MAF intend to incorporate a number of sustainable energy and water saving

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initiatives to demonstrate their commitment to more sustainable development. These initiatives are discussed in further detail below.

## 4.4.2 Electricity

In order to supply renewable energy for the proposed facility and significantly lower the environmental impact of the proposal, MAF intends to generate as much power on site as necessary to meet total project demands. This intent will be achieved via a proposal to install roof-mounted solar panels upon each structure within the development. These structures will then be interconnected to form an electricity reticulation micro-grid, with battery storage capacity, that will allow cross-use of generated power.

However, should the total generated capacity of this roof top system be insufficient to supply total site demand, it is intended to provide additional on-site generating capacity via an ancillary solar farm, as shown on the Concept Plan. Whilst there is potential that any surplus power generated on site **may** be exported into the broader electricity grid, this is not the primary or intended function of the solar farm – its primary purpose will be to meet on-site electricity demands and any export would be a side benefit.

Although still in the planning stage of the development, it is envisaged that the panels will be constructed of non-reflective (low glare) glass and mounted on fixed structures inclined in a northerly direction, so as not to create a potential hazard for the adjacent airport. Furthermore, the solar farm will be sufficiently screened by the proposed vegetated buffer located along the northern boundary.

#### 4.4.3 Water

The site is located within the Mareeba Airport Water Reticulation Area. Investigation has revealed that there is an existing pump station, intake and reservoir located on land adjacent to the Kennedy Highway to service the airport and local area.

As previously outlined, MAF intends to incorporate water saving initiatives with a view to producing an environmentally sustainable operation that is as self-sufficient as possible. Accordingly, the proposed development intends to be self-sufficient with respect to water requirements and will require provision of water tanks, envisaged to be 20,000 litre capacity for each of the eight (8) proposed residential dwellings. The water supply requirements for the non-self-contained units is expected to be 2 x 20,000 litre tanks, whilst water storage of 5,000 litres will be positioned adjacent to each workshop for general usage and for fire-fighting purposes, if required. The applicant will ensure compliance with Australian Standards and the Queensland Plumbing and Wastewater Code for the installation of water tanks. It is proposed that water reticulation infrastructure will be designed in accordance with the FNQROC Development Manual to enable provision of reticulated water supply to "top up" water tanks in periods of low rainfall, or as required and permitted.

#### 4.4.4 Sewer

It is intended that on-site sewerage treatment and effluent disposal for each element of the proposed development will be provided via individual septic tank and absorption trench systems to service each dwelling / building, on the basis that there is sufficient total site area available (i.e. 5.3 ha) to safely accommodate multiple septic systems. It is proposed that, if considered necessary by Council, prior to lodgement of a building application, a site-based assessment be undertaken to identify appropriate areas for construction of each dwelling and placement and construction of on-site effluent disposal systems. It is proposed that effluent disposal areas will be nominated and provided for sufficient setbacks from both boundaries and adjoining dwellings. The applicant will ensure that septic tanks comply with AS/NZS 1546.1 as well as the Queensland Plumbing and Wastewater Code.

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## 4.5 Traffic and Access

## 4.5.1 Internal Roadways

The site is located immediately adjacent to the Mareeba Airport under Council's Trunk Infrastructure Plan (PFTI13). Ray Road is designated under the Planning Scheme as a "Minor Rural Road". The predominate means of access to the site will be from the Kennedy Highway via George Fabris Road and Ray Road. The expected traffic volume generated by the proposed development is not expected to be significant and will not require any upgrading of intersections or access ways to meet current design standards. Internal roads constructed within the subject site will be designed to meet the requirements of the FNQROC development Manual.

PR143947/OLD/SD/R78590 | MCU - Mareeba Flight School | Final | 02 July 2019

## 5 LEGISLATIVE REQUIREMENTS

# 5.1 Assessment manager

In accordance with Schedule 8 of the *Planning Regulation 2017*, the assessment manager for this application is Mareeba Shire Council.

# 5.2 Categories of assessment

The table below summarises the categorising instruments and categories of assessment applicable to this application.

**Table 7: Categories of assessment** 

Aspect of development	Categorising instrument	Category of assessment	
Development Permit for Material Change of Use	Mareeba Shire Council Planning Scheme 2016	Impact	

#### 5.3 Referrals

A review of Schedule 10 of the *Planning Regulation 2017*, indicates that no referral is triggered by the proposed development, on the basis that, whilst part of the site is mapped as containing 'Category B - Remnant Vegetation', no clearing of native vegetation is proposed. Rather, it is intended that no elements of the proposed development will be located within mapped vegetation areas, the proposed development will be fully contained within an area designated as 'Category X' – not containing any regulated vegetation.

Review of State Code 16: Native Vegetation Clearing indicates that clearing the result of a material change of use, that will be become exempt clearing work, requires the provision of a firebreak/safety buffer with a width of 20 metres or 1.5 times the height of the tallest adjacent tree to the infrastructure. Tree assessment conducted of the subject site identified maximum adjacent tree heights of 10 – 12 metres, which equates to a firebreak/safety buffer of 15 – 18 metres. RPS have adopted the minimum firebreak/safety buffer of 20 metres, as detailed in the State Code, as such all built infrastructure is located 20 metres from the extent of Category B – Remnant Vegetation, thus removing the trigger for referral.

### 5.4 Public notification

This application requires public notification as it is subject to impact assessment.

## 6 STATUTORY PLANNING ASSESSMENT

# 6.1 State and Regional Assessment Benchmarks

#### 6.1.1 Regional Plan

A review of the proposal against the relevant policies of the FNQ2013 Regional Plan reveals no significant conflicts.

## 6.1.2 State Planning Policy

Section 30(2)(a)(ii) of the Planning Regulation 2017 requires assessment of this application must be carried out against the State Planning Policy. The current Mareeba Shire Planning Scheme 2016 details that requirements of the State Planning Policy (SPP) up to the version April 2016, have been integrated into the Planning Scheme. Since this date, a newer version of the SPP has come into force with the most recent version being July 2017, therefore assessment against matters within the current SPP may be required, where it is considered to not have been adequately integrated in the Planning Scheme.

The applicant has investigated which matters are relevant for the application considering the following:

- Matters which have changed since the April 2016 and July 2017 version of the SPP;
- Matters which the site is impacted by the relevant SPP mapping layers for various State Interest; and
- State Interests to which the proposed development is relevant for.

This investigation has concluded the relevant changes to State interests have no impact on the proposed development.

# 6.1.3 State Development Assessment Provisions (SDAP)

As the proposed development does not trigger referral to the State Assessment and Referral Agency, assessment against the State Development Assessment Provisions (SDAP) is not required for this application.

# 6.2 Planning Scheme

Under the Mareeba Shire Council Planning Scheme 2016, the subject site is included within the "Rural" Zone. Whilst the proposed development does not necessarily achieve the zone's overall outcomes, RPS notes that the subject site is also positioned adjacent to the Mareeba Airport Aviation Industrial Park. The current area of the subject site (5.3 ha) presents limitations in terms of being economically viable for primary production. However, proximity to the existing airport provides a unique opportunity to establish a use that requires isolation from urban areas and is in keeping with adjacent land uses.

#### 6.2.1 Codes

The following codes are applicable to this application:

- Rural Zone Code;
- Agricultural Land Overlay (Class A)
- Airport Environs Overlay Code
- Bushfire Hazard Overlay (Medium Potential Bushire Intensity and Potential Impact Buffer)
- Accommodation Activities Code;

- Parking and Access Code; and
- Works, Services and Infrastructure Code.

Given the nature of this application, it is the considered opinion of RPS that this proposal does not require detailed assessment against all applicable code provisions, on the grounds that the proposal is generally considered compliant with the relevant "Acceptable Solutions" and/or "Performance Criteria" of these codes. Consequently, where the proposed development is deemed to be generally compliant with the relevant code, a summary of this assessment is provided below. Alternatively, where strict compliance with the Acceptable Measures is not achieved, a detailed assessment has been provided as **Appendix C** to demonstrate compliance with the corresponding assessment benchmarks.

#### **Rural Zone Code**

Whilst the subject site is located within the Rural Zone, the proposed development also adjoins the Mareeba Airport Aviation Industrial Park, which is in keeping with the intent of the proposal. The 5.3 ha site currently vacant except for a dwelling, adjoins an existing banana farm, however areas to the west and south are currently vacant. The site's location adjoining the airport and size limitation, presents significant challenges in terms of future economically viable agricultural operations. Assessment against the Rural Zone Code is provided for reference as **Appendix C**.

#### **Agricultural Land Overlay**

The applicant acknowledges that the subject site is designated as Class A Agricultural Land, however the 5.3 ha site and positioning adjacent to the existing Mareeba Airport significantly reduces its primary production potential. RPS notes that the site is currently vacant, with the exception of a residential dwelling. The site poses a unique opportunity to establish an Air Services Facility adjacent to the existing airport without significantly impacting the primary production opportunities of adjoining properties and will not lead to fragmentation of viable agricultural land.

#### **Airport Environs Overlay Code**

The proposed development is located adjacent to the Mareeba Airport Aviation Industrial Park and therefore within the Obstacle Limitation Surface (OLS). The permissible height of any building or structure within the limits imposed under the OLS is 47.0m, however all buildings and structures forming part of the proposed development will be located well below this nominated height, being restricted to a maximum of 10 metres. It is not envisaged that the Australian Noise Exposure Forecast contours nominated within the overlay will any concerns for the proposed accommodation aspects of the development, given that the proposal relates to a flight school.

#### **Bushfire Hazard Overlay Code**

Given the subject sites location partially within a 'Medium Potential Hazard' are and within the 'Potential Impact Buffer", the applicant will ensure that whilst on-site water storages are available to service both the air service activities and ancillary accommodation, adequate reticulated water supply will be available for additional resources as well as fire-fighting purposes, if required. RPS notes that the existing dwelling is located within an area designated as 'Medium Potential Hazard'. It is noted that whilst the submitted Concept Plan (**Appendix B**) indicates proposed location of the multiple dwellings and classroom facilities within the 'Medium Potential Hazard' area of the site, it is envisaged that the proposed development will have sufficient measures in place to minimise the potential for fire hazards and in the unlikely event of a fire, appropriate fire-fighting measures will be in place to management adequately.

#### **Accommodation Activities Code**

Refer to **Appendix C** for assessment against the benchmarks.

#### **Parking and Access Code**

Refer to **Appendix C** for assessment against the benchmarks.

#### Works, Services and Infrastructure Code

As outlined previously, MAF intends to provide an environmentally sustainable development with renewable energy sources, independent water supply, on-site water treatment facilities and adequate stormwater management measures that mitigate adverse impacts upon water quality and ecological processes. Water reticulation infrastructure will be designed and implemented to provide for reliable water supply to supplement proposed on-site water storage tanks when required and ensure adequate fire-fighting resources.

PR143947/OLD/SD/R78590 | MCU - Mareeba Flight School | Final | 02 July 2019

# 7 CONCLUSION

This submission has been prepared on behalf of MAF International to seek approval for a Material Change of Use (Air Services Facility with ancillary accommodation) over land located at 578 Ray Road, Mareeba, formally described as Lot 1 on RP734348.

In summary, we submit that the proposed development is unlikely to have any significant impacts upon infrastructure, environment or community given that the purpose of the development is to establish an Air Services Facility upon the subject site, in close proximity to the established Mareeba Airport Aviation Industrial Park. The proposal seeks to provide learning and training facilities, ancillary administration as well as varying forms of accommodation for pilots, cadets, technicians and staff. It is envisaged that the proposed development is unlikely to present any significant impacts that cannot be adequately controlled through the application of relevant and reasonable conditions as part of approval. We therefore commend the development for Council approval.

PR143947/OLD/SD/R78590 | MCU - Mareeba Flight School | Final | 02 July 2019

# Appendix A

Certificate(s) of title and Owner's Consent

## **CURRENT TITLE SEARCH**

#### NATURAL RESOURCES, MINES AND ENERGY, QUEENSLAND

Request No: 31554065

Search Date: 28/06/2019 12:12 Title Reference: 21100193

Date Created: 31/08/1979

Previous Title: 21100038

21100039 21100040

#### REGISTERED OWNER

Dealing No: 701637519 04/11/1996

VICTOR ANGELO BONACCORSI

MARIA BONACCORSI JOINT TENANTS

#### ESTATE AND LAND

Estate in Fee Simple

LOT 1 REGISTERED PLAN 734348
Local Government: MAREEBA

#### EASEMENTS, ENCUMBRANCES AND INTERESTS

- 1. Rights and interests reserved to the Crown by Deed of Grant No. 20357249 (POR 158)
- 2. MORTGAGE No 715183800 04/07/2013 at 11:43 BENDIGO AND ADELAIDE BANK LIMITED A.B.N. 11 068 049 178

ADMINISTRATIVE ADVICES - NIL UNREGISTERED DEALINGS - NIL

#### CERTIFICATE OF TITLE ISSUED - No

Caution - Charges do not necessarily appear in order of priority

\*\* End of Current Title Search \*\*

COPYRIGHT THE STATE OF QUEENSLAND (NATURAL RESOURCES, MINES AND ENERGY) [2019] Requested By: D-ENQ GLOBALX TERRAIN

# Individual owner's consent for making a development application under the *Planning Act 2016*

We, Victor Angelo Bonaccorsi and Maria Bonccorsi	
	[Insert full name.]
as owner of the premises identified as follows:	
Lot I on RP734348	
consent to the making of a development application under the <i>Plannin</i>	g Act 2016 by:
RPS Australia East Pty Ltd	
on the premises described above for:	
Material Change of Use for Mareeba Flight School (encompassing "Care Establishment", "Multiple Dwelling", "Offices" and "Rooming Accommoda	etaker Accommodation", "Educational ation").
0 0	[signature of cymers and (auou date signed]
Ve Donamer. M. Bon	auon date signed] 8/7/19

# Appendix B

RPS Drawing No. PR143947-06D Concept

Plan



# Appendix C

**Code Assessments** 

#### **Rural Zone Code Assessment**



	Performance outcomes	Acceptable outcomes	Solution	Comments
	For self-assessable and assessable	development		
Heigh	nt			
	ding height takes into consideration and ects the following: the height of existing buildings on adjoining premises; the development potential, with respect to height, on adjoining premises; the height of buildings in the vicinity of the site; access to sunlight and daylight for the site and adjoining sites; privacy and overlooking; and site area and street frontage length.	AO1.1  Development, other than buildings used for rural activities, has a maximum building height of:  (a) 8.5 metres; and  (b) 2 storeys above ground level.  AO1.2  Buildings and structures associated with a rural activity including machinery, equipment, packing or storage buildings do not exceed 10 metres in height.	A/S	The proposed development refers to Material Change of Use, building approval will be sought at a later stage. However, no proposed dwellings will exceed the permissible height of 10m, commensurate with the form of built development on the land in the locality, particularly that within the adjoining Aviation Industrial Park.  The proposed development refers to an application for Material Change of Use, building approval will be sought at a later stage.
Sitin	g, where not involving a Dwelling House			
	elopment is sited in a manner that siders and respects: the siting and use of adjoining premises; access to sunlight and daylight for the site and adjoining sites; privacy and overlooking; air circulation and access to natural breezes; appearance of building bulk; and	AO2.1 Buildings and structures include a minimum setback of:  (a) 40 metres from a frontage to a State- controlled road; and  (b) 10 metres from a boundary to an adjoining lot.  AO2.2 Buildings and structures, where for a	√ N/A	Proposal complies. The Concept Plan, RPS Drawing No. PR143947-06B, depicts the setbacks from the boundary.
(f)	relationship with road corridors.	Roadside stall, include a minimum		

## Name of Code e.g. Advertising Devices Code



Performance outcomes	Acceptable outcomes	Solution	Comments
	setback of 0 metres from a frontage to a road that is not a State-controlled road.		
	AO2.3  Buildings and structures, except where a Roadside stall, include a minimum setback of:  (a) 10 metres from a frontage to a sealed road that is not a State-controlled road; and  (b) 100 metres from a frontage to any other road that is not a State-controlled road;	<b>√</b>	Proposal complies.
Accommodation density			
PO3 The density of Accommodation activities: (a) respects the nature and density of surrounding land use; (b) is complementary and subordinate to the rural and natural landscape values of the area; and (c) is commensurate to the scale and frontage of the site.	AO3.1 Residential density does not exceed one dwelling house per lot.  AO3.2 Residential density does not exceed two dwellings per lot and development is for: (a) a secondary dwelling; or (b) Caretaker's accommodation and includes building work or minor building work with a maximum gross floor area of 100m²; or (c) Rural worker's accommodation.	Alternative Solution  Alternative Solution	The application seeks an MCU to establish a flight school with ancillary accommodation, adjacent to the existing Mareeba Airport Aviation Industrial Park.  The application seeks an MCU to establish a flight school with ancillary accommodation, adjacent to the existing Mareeba Airport Aviation Industrial Park.
Site cover			

## Name of Code e.g. Advertising Devices Code



	Performance outcomes	Acceptable outcomes	Solution	Comments
manne (a) r (b) is c	gs and structures occupy the site in a r that: makes efficient use of land; s consistent with the bulk and scale of buildings in the surrounding area; and appropriately balances built and natural features.	AO4 No acceptable outcome is provided.	✓	Proposal will provide sufficient vegetated screening along the northern boundary with the existing banana farm. The bulk and scale of buildings will be appropriately sited and balance with natural features and are consistent with buildings located on the adjacent airport.
with the Rural z (a) r (b) e (c) b	pment complements and integrates e established built character of the cone, having regard to: roof form and pitch; eaves and awnings; building materials, colours and extures; and window and door size and location.	AO5 No acceptable outcome is provided.	✓	Proposal complies. Buildings and structures will the appropriately designed to complement the established built character.
Amenity	/			
amenity (a) r (b) r (c) t (d) a (e) v (f) p	pment must not detract from the y of the local area, having regard to: noise; nours of operation; raffic; advertising devices; visual amenity; privacy; ighting;	AO6 No acceptable outcome is provided.		Proposal complies. The proposed development will be consistent with the adjoining Mareeba Airport.

## Name of Code e.g. Advertising Devices Code



	Performance outcomes	Acceptable outcomes	Solution	Comments
(h) (i)	odour; and emissions.			
seek	elopment must take into account and a to ameliorate any existing negative conmental impacts, having regard to: noise; hours of operation; traffic; advertising devices; visual amenity; privacy; lighting; odour; and emissions.	AO7 No acceptable outcome is provided.	<b>✓</b>	Proposal complies. The provision of significant vegetation screening, limited hours of operation and the provision of on-site accommodation will seek to ameliorate environmental impacts associated with the proposal.

#### **Accommodation Code Assessment**



	Performance outcomes	Acceptable outcomes	Solution	Comments
	For accepted development subject to	requirements and assessable development		
	All accommodation activities, apart from	Dwelling house		
PO1 Acco inclu (a)	ommodation activities are located on a site that ded sufficient area:  To accommodate all buildings, structures, open space and infrastructure associated with the use; and  To avoid adverse impacts on the amenity or privacy of nearby land uses.	AO1.1  Development is located on a site which provides the applicable minimum site area and minimum road frontage specified in Table 9.3.1.3B.	<b>✓</b>	Proposal complies.
	All accommodation activities, apart from	Tourist Park and Dwelling House		
PO2 Accc refus (a) (b)	ommodation activities are provided with on-site se storage areas that are:  Sufficient to meet the anticipated demand for refuse storage; and;  Appropriately located on the site having regard to potential odour and noise impact on uses on the site and adjoining sites.	<ul> <li>(a) Includes a water connection;</li> <li>(b) Is of a size and configuration to accommodate 2X240 litre bins per dwelling or accommodation unit where involving a use other than a residential care facility or retirement facility; and</li> <li>(c) Is of a size and configuration to accommodate a minimum of two bulk refuse bins where involving a residential care facility or retirement facility.</li> </ul>	V N/A	Proposal complies.
	All Accommodation activities, except for	Dwelling House		
	mmodation activities are designed to avoid poking or loss of privacy for adjoining uses.	AO3 The windows or habitable rooms:	✓	Proposal complies. The proposed development will the adequately screened or located a sufficient distance away from adjoining dwellings

# **Parking and Access Code**



	Performance outcomes	Acceptable outcomes	Solution	Comments
	·	n) Do not overlook the windows of a habitable room in an adjoining dwelling or accommodation unit; or not accommodation to the windows of a habitable room in an adjoining dwelling or accommodation unit by a distance greater than:	✓	Proposal complies.
	(c	<ul> <li>(i) 2m at ground level; and</li> <li>(ii) 8m above ground level; or</li> <li>are treated with:</li> <li>(i) a minimum sill height of 1.5m above floor level; or</li> <li>(ii) fixed opaque glass installed below 1.5m; or</li> <li>(iii) fixed external screens; or</li> <li>(iv) a 1.5m high screen fence along the common boundary.</li> </ul>	N/A	
PO4		AO4.1		
Accomn private a (a)	nodation activities are provided with sufficient and communal open space areas which: accommodate a range of landscape treatments, including soft and hard landscaping; provide a range of opportunities for passive and active recreation;	Development, except for Caretaker's accommodation, dwelling house, Dual occupancy or home based business, include communal open space which meets or exceed the minimum area, dimension and design parameters specified in <b>Table 9.3.1.3C.</b>	<b>✓</b>	Proposal complies. Sufficient area will be provided for communal open space for the non self-contained units.
(c)	provide a positive outlook and high quality of amenity to residents;	AO4.2	✓	Proposal complies. Given the dimensions of the subject site, there is sufficient area available to
(d)	in conveniently located and easily accessible to all residents; and	Development includes private open space for each dwelling or accommodation unit which		ensure that each dwelling or accommodation unit has sufficient private open space available.
(e)	contribute to an active and attractive streetscape.	meets or exceeds the minimum area, dimension and design parameters specified in <b>Table 9.3.1.3D.</b>		

# **Parking and Access Code**



Performance outcomes	Acceptable outcomes	Solution	Comments
	AO4.3  Clothes drying areas are provided at the side or rear of the site so that they are not visible from the street.	<b>√</b>	Proposal complies. Adequate clothes drying facilities may be located at the rear of the proposed dwellings.
	AO4.4  If for Dual occupancy, Multiple dwelling, Residential care facility or Retirement facility development provides a secure storage area for each dwelling or accommodation unit which:		Proposal complies. There is sufficient area at the rear of the proposed dwellings to allow for a lockable storage facility.
	<ul> <li>(a) is located to facilitate loading and unloading from a motor vehicle;</li> <li>(b) is separate to, and does not obstruct, on-site vehicle parking or manoeuvring areas;</li> </ul>		
	<ul> <li>(c) has a minimum space of 2.4m² per dwelling or accommodation unit;</li> <li>(d) has a minimum height of 2.1m</li> <li>(e) has minimum dimensions to enable secure bicycle storage;</li> </ul>		
	(f) is weather proof; and (g) is lockable.		
If for Caretaker's Accommodation			
PO5 Caretaker's Accommodation is o a scale and intensity which is consistent with that of the surrounding area.	AO5.1 Only one caretaker's accommodation is established on the title of the non-residential use.	✓	Proposal complies.
Note-Where Caretaker's Accommodation is assessable development additional assessment benchmarks are provided under "for assessable development".	AO5.2 In the Rural zone, Caretaker's accommodation has a maximum gross floor area of 200m².	✓	Proposal complies.

# **Parking and Access Code**



Performance outcomes	Acceptable outcomes	Solution	Comments
If for Dwelling house			
PO6 Where a dwelling house involves a secondary dwelling, it is designed and located to: (a) not dominate the site;	AO6.1  The secondary dwelling is located within:  (a) 10m of the primary dwelling where on a lot that has an area of 2 hectares or less; or	N/A	
<ul><li>(b) remain subservient to the primary dwelling; and;</li><li>(c) be consistent with the character of the surrounding area.</li></ul>	(b) 20m of the primary dwelling where on a lot that has an area of greater than 2 hectares.	N/A	
	AO6.2 A secondary dwelling has a maximum gross floor area of 100m <sup>2</sup> .	N/A	
For assessable development			
If for Caretaker's Accommodation			
PO15 The inclusion of Caretaker's accommodation on the site is necessary for the operation of the primary use, having regard to: (a) Hours of operation; (b) Nature of the use; (c) Security requirements; (d) Site location and access; and (e) Proximity to the other and uses.	AO15 (a) No acceptable outcome is provided.	✓	Proposal complies.

#### **Accommodation Code Assessment**



	Performance outcomes	Acceptable outcomes	Solution	Comments
	For accepted development subject to	requirements and assessable development		
	All accommodation activities, apart from	Dwelling house		
PO1 Acco includ (a)	mmodation activities are located on a site that ded sufficient area:  To accommodate all buildings, structures, open space and infrastructure associated with the use; and  To avoid adverse impacts on the amenity or privacy of nearby land uses.	AO1.1  Development is located on a site which provides the applicable minimum site area and minimum road frontage specified in Table 9.3.1.3B.	<b>✓</b>	Proposal complies.
	All accommodation activities, apart from	Tourist Park and Dwelling House		
PO2 Acco refus (a)	mmodation activities are provided with on-site e storage areas that are: Sufficient to meet the anticipated demand for refuse storage; and; Appropriately located on the site having regard to potential odour and noise impact on uses on the site and adjoining sites.	A refuse area is provided that:  (a) Includes a water connection;  (b) Is of a size and configuration to accommodate 2X240 litre bins per dwelling or accommodation unit where involving a use other than a residential care facility or retirement facility; and  (c) Is of a size and configuration to accommodate a minimum of two bulk refuse bins where involving a residential care facility or retirement facility.	√ N/A	Proposal complies.
	All Accommodation activities, except for	Dwelling House		
	nmodation activities are designed to avoid poking or loss of privacy for adjoining uses.	AO3 The windows or habitable rooms:	✓	Proposal complies. The proposed development will the adequately screened or located a sufficient distance away from adjoining dwellings



	Performance outcomes	Acceptable outcomes	Solution	Comments
	·	n) Do not overlook the windows of a habitable room in an adjoining dwelling or accommodation unit; or not accommodation to the windows of a habitable room in an adjoining dwelling or accommodation unit by a distance greater than:	✓	Proposal complies.
	(c	<ul> <li>(i) 2m at ground level; and</li> <li>(ii) 8m above ground level; or</li> <li>are treated with:</li> <li>(i) a minimum sill height of 1.5m above floor level; or</li> <li>(ii) fixed opaque glass installed below 1.5m; or</li> <li>(iii) fixed external screens; or</li> <li>(iv) a 1.5m high screen fence along the common boundary.</li> </ul>	N/A	
PO4		AO4.1		
Accomn private a (a)	nodation activities are provided with sufficient and communal open space areas which: accommodate a range of landscape treatments, including soft and hard landscaping; provide a range of opportunities for passive and active recreation;	Development, except for Caretaker's accommodation, dwelling house, Dual occupancy or home based business, include communal open space which meets or exceed the minimum area, dimension and design parameters specified in <b>Table 9.3.1.3C.</b>	<b>✓</b>	Proposal complies. Sufficient area will be provided for communal open space for the non-self-contained units.
(c)	provide a positive outlook and high quality of amenity to residents;	AO4.2	✓	Proposal complies. Given the dimensions of the subject site, there is sufficient area available to
(d)	in conveniently located and easily accessible to all residents; and	Development includes private open space for each dwelling or accommodation unit which		ensure that each dwelling or accommodation unit has sufficient private open space available.
(e)	contribute to an active and attractive streetscape.	meets or exceeds the minimum area, dimension and design parameters specified in <b>Table 9.3.1.3D.</b>		



Performance outcomes	Acceptable outcomes	Solution	Comments
	AO4.3 Clothes drying areas are provided at the side or rear of the site so that they are not visible from the street.	<b>√</b>	Proposal complies. Adequate clothes drying facilities may be located at the rear of the proposed dwellings.
	AO4.4  If for Dual occupancy, Multiple dwelling, Residential care facility or Retirement facility, development provides a secure storage area for each dwelling or accommodation unit which:		Proposal complies. There is sufficient area at the rear of the proposed dwellings to allow for a lockable storage facility.
	<ul><li>(a) is located to facilitate loading and unloading from a motor vehicle;</li><li>(b) is separate to, and does not obstruct, on-site vehicle parking or manoeuvring areas;</li></ul>		
	<ul> <li>(c) has a minimum space of 2.4m² per dwelling or accommodation unit;</li> <li>(d) has a minimum height of 2.1m</li> <li>(e) has minimum dimensions to enable</li> </ul>		
If for Caretaker's Accommodation	secure bicycle storage; (f) is weather proof; and (g) is lockable.		
ii ioi Caretaker's Accommodation			
PO5 Caretaker's Accommodation is o a scale and intensity which is consistent with that of the surrounding area.	AO5.1 Only one caretaker's accommodation is established on the title of the non-residential use.	✓	Proposal complies.
Note-Where Caretaker's Accommodation is assessable development additional assessment benchmarks are provided under "for assessable development".	AO5.2 In the Rural zone, Caretaker's accommodation has a maximum gross floor area of 200m².	✓	Proposal complies.



	Performance outcomes	Acceptable outcomes	Solution	Comments
If for D	Welling house			
seco	re a dwelling house involves a ndary dwelling, it is designed and ed to: not dominate the site; remain subservient to the primary dwelling; and;	AO6.1  The secondary dwelling is located within:  (a) 10m of the primary dwelling where on a lot that has an area of 2 hectares or less; or  (b) 20m if two way.	N/A	
(c)	be consistent with the character of the surrounding area.	AO6.2 For a Tourist Park, internal road design avoids the use of cul-de-sacs in favour of circulating roads, where unavoidable, cul-de-sacs provide a full turning circle or vehicles towing caravans.	N/A	
		AO6.3 Internal roads are imperviously sealed and drained, apart from those for an Energy and infrastructure activity or Rural activity.	<b>✓</b>	Proposal complies.
		AO6.4  Speed control devices are installed along all internal roads, apart from those for an Energy and infrastructure activity or Rural activity, in accordance with Complete Streets.	N/A	
		AO6.5 Internal roads, apart from those for an Energy and infrastructure activity or Rural	<b>√</b>	Proposal will be progressive staged dependent upon demand generated by the education aspects of the proposed facility. Street lighting may by provided at the appropriate stage of the proposed future development.



Performance outcomes	Acceptable outcomes	Solution	Comments
	activity, are illuminated in accordance with AS 4282 (as amended) – Control of Obtrusive effects of outdoor lighting.		
	AO6.6 Where involving an accommodation activity, internal roads facilitate unobstructed access to every dwelling, accommodation site and building by emergency service vehicles.	<b>√</b>	Proposal will comply as part of a progressive staged development.
	AO6.7  For an Energy and infrastructure activity or Rural activity, internal road gradients:  (a) Are no steeper than 1.5; or  (b) Are steeper than 1:5 and are sealed.	N/A	
Servicing			
PO7 Development provides access, maneuvering and servicing areas on site that:  (a) Accommodate a service vehicle commensurate with the likely demand generated by the use;  (b) Do not impact on the safety or efficiency o internal car parking or maneuvering areas;  (c) Do not adversely impact on the safety or efficiency of the road network;	AO7.1  All unloading, loading, service and waste disposal areas are located:  (a) On the site;  (b) To the side or rear of the building, behind the main building line;  (c) Not adjacent to a site boundary where the adjoining property is used for a sensitive use.	<b>√</b>	Proposal complies.
<ul><li>(d) Provide for all servicing functions associated with the use; and</li></ul>	AO7.2	✓	Proposal complies.



Performance outcomes	Acceptable outcomes	Solution	Comments
(e) Are located and designed to minimize their impacts on adjoining sensitive land uses and streetscape quality.	Unloading, loading, service and waste disposal areas allow service vehicles to enter and exit the site in a forward gear.		
	AO7.3  Development provides a servicing area, site access and manoeuvring areas to accommodate the applicable minimum servicing vehicle specified in <b>Table 9.4.3.3B.</b>	<b>✓</b>	Proposal complies.
Maintenance			
PO8 Parking areas are used and maintained for their intended purpose.	AO8.1 Parking areas are kept and used exclusively or parking and are maintained in a suitable condition for parking and circulation of vehicles.	<b>✓</b>	Proposal complies.
	AO8.2 All parking areas will be compacted, sealed, drained, line marked and maintained until such time as the development ceases.	<b>√</b>	Proposal complies.

Appendix D EVNT Survey Report



# **EVNT FLORA SURVEY REPORT**

Lot 1 on RP734348



Document status						
Version	Purpose of document	Authored by	Reviewed by	Approved by	Review date	
0	EVNT Survey Report	T. Richardson	M. Davis	M. Davis	1/07/2019	

#### **Approval for issue**

Megan Davis

1 July 2019

This report was prepared by RPS within the terms of RPS' engagement with its client and in direct response to a scope of services. This report is supplied for the sole and specific purpose for use by RPS' client. The report does not account for any changes relating the subject matter of the report, or any legislative or regulatory changes that have occurred since the report was produced and that may affect the report. RPS does not accept any responsibility or liability for loss whatsoever to any third party caused by, related to or arising out of any use or reliance on the report.

Prepared by: Prepared for:

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# **Contents**

1	INTR	ODUCTION	1
	1.1	Site Description	2
	1.2	Survey Area	
	1.3	Suitably Qualified Person Evidence	3
2	DES	(TOP ASSESSMENT	4
_	2.1	Listed EVNT Species	
	2.2	Habitats Present	
3		RA SURVEY METHODS	
	3.1	Methodology	
	3.2 3.3	Results	
		Survey Timing	
4	CON	CLUSION AND RECOMMENDATIONS	11
Tabl			
Tab	les		
Table	1	Protected plants with a 10km vicinity of the proposed site.	4
<b>Plat</b>	es		
Diete	4	Madified site on disconnect de maintaining grand accer	7
Plate :		Modified site environment via maintaining ground cover.	
Plate :	_	Modified site environment via horticulture production and maintaining ground cover	
Plate	_	Weed dominated understory.	
Plate	-	Open woodland dominated by grass species.	
Plate	_	Open woodland dominated by grass species.	
i late	J	Open woodiand dominated by grass species.	
Figu	ıres		
Figure		Proposed Site Location Bordered in Orange (Queensland Globe, cited 27 June 2019)	
Figure		Protected Plant Trigger Map (Vegetation Management Property Report, Blue Shading)	
Figure		Site Survey Area	
Figure	4	Survey Meanders.	10
App	and	ices	
whh	GIIU		
Anner	div Δ	EVNT Survey Record	12

## 1 INTRODUCTION

RPS Australia East Pty Ltd has been engaged by MAF International (MAF) to undertake a flora survey for Lot 1 on RP734348, hereafter referred to as "the site", refer to **Figure 1** below.



Figure 1 Proposed Site Location Bordered in Orange (Queensland Globe, cited 27 June 2019)

As the proposed clearing area is mapped as within a high-risk area on the Protected Plant Map (refer to **Figure 2** below), under section 256 of the *Nature Conservation (Wildlife) Regulation 2006*, a protected plant flora survey and report are required to be submitted to the Department of Environment and Science prior to clearing.

rpsgroup.com Page 1

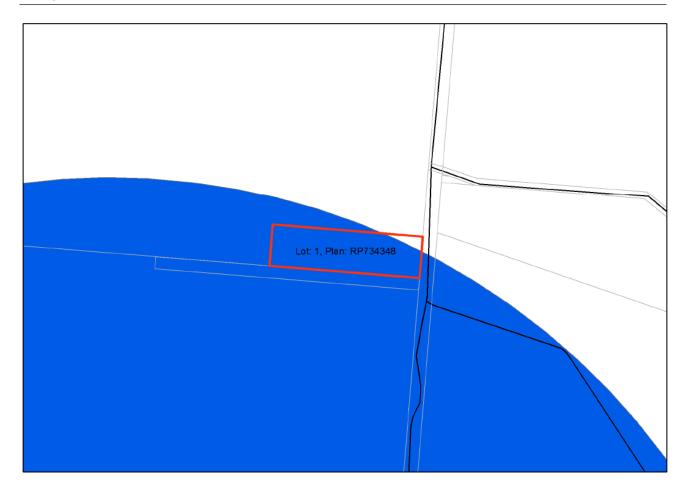


Figure 2 Protected Plant Trigger Map (Vegetation Management Property Report, Blue Shading)

A field survey was conducted by Daniel Collins, Botanist and Tristam Richardson, Environmental Scientist on 14 June 2019. This report outlines the details of this survey in accordance with the *Flora Survey Guidelines – Protected Plants (2016)*.

# 1.1 Site Description

Lot 1 is located approximately 8 km south west from the centre of Mareeba. It is a freehold lot approximately 5.12Ha in area, located opposite the Mareeba Aerodrome (centred on the coordinate -17.0682°, 145.4124°). The site is mapped within remnant and non-remnant vegetation, on an Armraynald Bed surface geological profile, consisting of older alluvial deposits including black clay soils, silts, minor sands, and travertine. Basalt outcrops were also present.

PR143947 R78582 | EVNT Flora Survey Report | 0 | 01 July 2019

rpsgroup.com Page 2

## 1.2 Survey Area

The survey area, which includes all proposed clearing areas buffered by 100m (not including previously cleared areas or inaccessible properties) totalled an area of approximately 7.7Ha, refer to **Figure 3** below.



Figure 3 Site Survey Area

**Figure 3** above demonstrates the 100m buffer around Lot 1 on RP734348 in black, with the total accessible survey area outlined in orange. Areas within the black 100m buffer area that have not been included in the orange survey area were not surveyed due to access restrictions and due to the improbability of the presence of protected plants found in environments that have been maintained, sealed, or have horticultural land use practices such as banana farming.

# 1.3 Suitably Qualified Person Evidence

This survey was undertaken by Daniel Collins and Tristam Richardson of RPS Australia East. Mr Collins is a Principal Environmental Scientist/Ecologist with over 15 years' experience in the field of terrestrial botany and is considered a 'suitably qualified person' under the Flora Survey Guidelines, refer to **Appendix A** for a record of Daniel's experience. Mr Richardson is an environmental scientist with over 5 years' experience in the field of terrestrial and aquatic botany and is considered a 'suitably qualified person' under the Flora Survey Guidelines, refer to **Appendix A** for a record of Tristam's EVNT plant experience.

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## 2 DESKTOP ASSESSMENT

# 2.1 Listed EVNT Species

A desktop assessment of Wildlife Online identified five (5) EVNT plants that have been recorded within a 10km radius of the site, listed below in **Table 1**.

Table 1 Protected plants with a 10km vicinity of the proposed site.

Species	Description/Habitat	Record Location <sup>1</sup>	NC Act (Qld)	EPBC Act	Likelihood of Occurrence on Site
Goodenia stirlingii	Herb/shrub to 50-75cm high sometimes to 1.1m, single stem or multiple stems on upper third of plant, corolla yellow, calyx green, light brown seed. Found in open eucalypt woodland on skeletal granite ridge/metamorphic ridge.	1/1	V	N/A	Possible, However the understory environment was highly competitive with various grass and weed species.
Plectranthus amoenus	Open shrub to 1m, flowers with lower lobe white with faint purplish blush, lateral lobes white with purple margin, upper lobe purplish in centre with whitish margins, anther orange, leaves yellow-green. Found eucalypt woodland with grass understory and granite derived gravel.	5/5	V	N/A	Possible, However the woodland was very open and dominated by various weed and grass species, with lack of granite gravels.
Phaius australis	Terrestrial to 2 m high; pseudobulbs ovoid, 2–7 cm diam. Leaves 4–8 per shoot, 30–70 cm long, 3–10 cm wide; lamina usually oblanceolate, apex acute. Inflorescences 1 or 2, from the axils of the lower leaves, 70–110 cm long, 5–20-flowered, stiffly erect. Sepals and lateral petals white on the outside, red-brown with yellow veins on the inside. Sepals 3.5–6 cm long, 0.8–1.0 mm wide, oblong-acuminate. Lateral petals 3.3–4.5 cm long, 0.8–1.3 mm wide. Labellum lamina 2.8–5.5 mm long, 1.7–4.5 mm wide, red-brown with a yellow keel inside; spur 5–10 mm long. Most flowers usually setting fruit. Grows in Melaleuca swamps and in sclerophyll forest, on the coast, at or near sea level.	5/5	E	E	Not Probable, The site had a lack of Melaleuca due to dry conditions and lack of any swamp like environments.

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Species	Description/Habitat	Record Location <sup>1</sup>	NC Act (Qld)	EPBC Act	Likelihood of Occurrence on Site
Peristylus banieldii	A tuberous, perennial herb with between four and six leaves with wavy margins at its base. The leaves are 50–125 mm long and 40–80 mm wide, the largest leaves uppermost. Between fifteen and fifty cream-coloured to yellow, cup-shaped flowers about 5 mm long and 6 mm wide are borne on a hairy flowering stem 300–500 mm tall. The dorsal sepal is about 5–7 mm long and 3–4 mm wide, partly forming a hood over the column. The lateral sepals are a similar size to the dorsal sepal and spread widely apart from each other. The petals are 4–5 mm long and about 2 mm wide. The labellum is 5–8 mm long and 4–7 mm wide with its tip divided into three. Grows in moist places in open forest and on rainforest margins.	1/1	E	N/A	Not Probable, The site lacks soaks and moist depressions and the presence of rainforest margins or ecotones between open forest and rainforest.
Spathoglottis paulinae	Terrestrial herb forming tall grass-like clumps. Pseudobulbs crowded, erect, ovoid, 3-5 cm x 3-5 cm, shallowly subterranean, fibrous. Leaves 4-7, erect, whorled, petioles 6-12 cm long; lamina lanceolate, 80-180 cm x 3-5 cm, dark green to yellowish, pleated, apex acuminate. Inflorescence an axillary raceme, 30-120 mm long, from base of pseudobulb; pedicels 15-30 mm long. Flowers 6-30, resupinate, porrect to nodding, star-shaped, 20-30 mm x 20-30 mm, mauve to purple, rarely white, sometimes hardly opening. Dorsal sepal erect to incurved, obovate, 12-20 mm x 5-7 mm. Lateral sepals free, divergent, obovate, 12-20 mm x 5-7 mm. Petals widely spreading, broadly ovate, 10-18 mm x 8-9 mm. Labellum 9-12 mm x 9-10 mm, projected forward, base hairy, 3-lobed; lateral lobes narrow, erect; midlobe spathulate, base with 2 yellow, sparsely hairy calli, often fused. Column 6-9 mm long. Column foot short. Capsules porrect to pendulous, hairy, dehiscent. Occurs in open forests in wet situations, growing among grass. It is frequently found in soaks and moist depressions, often in heavy clay soils. The plants can become deciduous in drought, but quickly regrow their leaves with the first rains.	1/1	NT	N/A	Not Probable, The site lacks soaks and moist depressions. The site was open woodland however the understory was dominated by weed and grass species.

<sup>&</sup>lt;sup>1</sup>Record locations from Wildlife Online Search.

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#### 2.2 Habitats Present

The survey area consisted of a highly modified terrestrial environment with varying land uses such as residential, horticultural, maintained areas, and drains.

The vegetation community of the survey area was observed to be a highly modified environment with small patches of remnant vegetation amongst non-remnant vegetation communities. The tree canopy consisted of eucalypt species associated with Regional Ecosystem 9.3.3 which is described as woodland to low open woodland with the presence or absence of *Eucalyptus leptophleba* (Molloy red box), *E. platyphylla* (poplar gum), *Corymbia confertiflora* (broad-leaved carbeen), *E. crebra* (narrow-leaved ironbark), *E. cullenii* (Cullen's ironbark), or *C. clarksoniana* (Clarkson's bloodwood).

The subdominant species may be co-dominant in this community. The shrub layer is absent to sparse and contains juvenile canopy species, *Carissa lanceolata* (currantbush) and *Atalaya hemiglauca* (whitewood) may be present.

The ground cover consisted of a highly modified mixture of various weed and grass species, dominated by *Heteropogon contortus* (black speargrass) and *Bothriochloa spp.* (bluegrasses). Refer to **Plates 1** to **6** below.

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Page 6



Plate 1 Modified site environment for hay production.



Plate 2 Modified site environment for banana production.

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Plate 3 Modified site environment for residential land use.



Plate 4 Weed dominated understory.

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Plate 5 Open woodland dominated by grass species.



Plate 6 Open woodland dominated by grass species.

Page 9

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### 3 FLORA SURVEY METHODS

## 3.1 Methodology

The survey method adopted was the timed meander search, as outlined in **Section 6.2.2** of the Flora Survey Guidelines. Three (3) meanders were undertaken over a period of 2hrs, covering approximately 3km, over the approximately 7.7Ha area (refer to **Figure 4**). This was considered to be a comprehensive coverage of the relatively open and highly modified habitat present.



Figure 4 Survey Meanders.

#### 3.2 Results

EVNT species listed in **Table 1** were not found during the time meander surveys conducted on the site as shown in **Figure 4** above on the 14 June 2019 by Daniel Collins and Tristam Richardson.

# 3.3 Survey Timing

The survey timing was outside of the flowering season for the orchid species, however due to the modified condition of the site and the openness of the environment, the timing is considered appropriate as all species if present could have been located.

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Page 10

### 4 CONCLUSION AND RECOMMENDATIONS

A protected plant survey was undertaken of the proposed clearing area plus the 100m buffer within Lot 1 on RP734348 (approximately a seven-hectare area) on 14 June 2019 by Daniel Collins and Tristam Richardson, in accordance with the *Flora Survey Guidelines – Protected Plants (2016)*.

No EVNT species listed in **Table 1** of this report were identified on the site or within the 100m buffer area.

PR143947 R78582 | EVNT Flora Survey Report | 0 | 01 July 2019

# Appendix A EVNT Survey Record





# Principal Environmental Scientist and Senior Ecologist

#### **Role at RPS**

Principal Environmental Scientist and Ecologist

#### Location

Cairns, QLD, Australia

#### Qualifications

PhD Tropical Forest Ecology, Management & Climate Change, SCU (pending final assessment)

Bachelor of Science (Tropical Rainforest Ecology, Botany, Zoology and Environment), James Cook University, 2002

Science Degree (Ecology, Eco-forestry and Botany) (Hons), Charles Darwin University, 2006

Master of Science (Conservation Biology), University of Queensland, 2009

Associate Diploma in Tropical Horticulture, Charles Darwin University, 1996

Cert 4 Workplace, Training and Assessing, Success Training, 2003

Cert 3 in Horticulture (with focus on Revegetation), Innisfail TAFE, 1993

ACDC Safe Chemical Use Certificate.

Chainsaw and Tree Climbing Qualifications.

Senior First Aid.

#### Memberships

WWF, Tenkile Rainforest Conservation Project PNG, Coral Sea Foundation etc...

#### Why Daniel for this role

Daniel has many decades of experience in rainforest conservation, forestry, indigenous land and sea management, vegetation management, revegetation projects and many more specific conservation and land management projects.

As Principal Scientist, Daniel can readily assist in plant ID, plant and animal surveys, data collection, data analysis, and presenting concise results so they are easily understood by clients. He is also adept in planning revegetation and land rehabilitation projects, and the supervising and coordination of these operations. Daniel is very experienced at working with indigenous peoples.

Daniel has over 20 years' experience in co-ordinating, supervising, project management and training in natural resource management projects especially in North Queensland, Papua New Guinea, Oceania and South East Asia.

He has excellent research skills, including designing, implementing, analysis and report writing of scientific style research regarding environmental, ecological, forestry and agricultural issues, Environmental Management Plans (EMP's) and Environmental Impact Assessments (EIA's).

#### Relevant projects

#### Ecological and Land Management Consultant, Papua New Guinea, 2010 +

Providing ecological advice and environmental planning in Papua New Guinea. Currently involved in tree kangaroo conservation efforts, revegetation proposals for East New Britain, and Eco-forestry and Agroforestry Plans in Bougainville.

#### Amazon Rainforest Expedition, September 2019

Daniel will be a team leader on an expedition into the more remote areas of the western Amazon Basin in September, investigating rainforest, indigenous villages and cave systems.

# Vegetation Manager and Curator of Cooktown Botanic Gardens, Cook Shire Council, 2008-2009

Coordinated staff throughout Cooktown, all regional areas of Cape York and assisted various stakeholders including Cape York Marine and Coastal Environment Group and Cape York Weeds and Ferals Inc.

Managed all vegetation issues across Cape York, including many new gardens throughout Cooktown and many new plantings in the Cooktown Botanic Gardens

#### Senior Botanist, Eastern Tree Service, 2006-2008

Managing all plant management issues, weed control contracts, revegetation projects and rare and threatened species management. Wrote environmental management plans, Plant ID Handbook, weed control reports and tropical timber proposals and reports. Trained staff in Plant ID and vegetation management.

# Trainer of Conservation and Land Management and Horticulture Certificates in North Queensland, Northern Skills Alliance, 2007-2008

Trained indigenous groups in Daintree region and undertook numerous field trips throughout the North Queensland Wet Tropics training the students.

Built a nursery with the students, undertook native seed collecting trips and propagated the seed for use in revegetation projects throughout the region.

# Laboratory Assistant, Charles Darwin University, 2005 (While completing Honours in Science)

Laboratory assistance and maintenance, also assisted on tropical forestry and fire management field trip to Nusa Tenggara Islands in Eastern Indonesia (Timor, Sumba and Flores etc).

#### Coordinator of Northern Cape York Peninsula Land and Sea Management Program, Natural Heritage Trust, 2003-2004

Coordinated and trained indigenous ranger program and land and sea management across indigenous lands, protected areas and other reserves in the northern section of Cape York Peninsula, North Queensland.

Wrote framework for land and sea management plan and a specific plan for the Lockerbie rainforest near the tip of Cape York. Also assisted Endeavour Straits and Torres Straits indigenous land and sea owners in cultural and environmental management.

#### Agroforestry Plan for Lockhart River Area, Cape York Peninsula, Wilderness Society, 2003

Compiled Agroforestry and Compatible Crops Framework for the Iron Range and Lockhart River area on Cape York. Included lists of viable species for agroforestry suitable to the region, possible locations for establishment, list of compatible crops, and an overall design for the agroforestry system.

# Supervisor of West Cairns Community Renewal and Revegetation Project, Cairns City Council, 2000-2002

Supervisor of West Cairns Rainforest Revegetation and Community Landscaping Project.

Supervised and trained a team of indigenous horticulture students in horticulture and revegetation. Replanted many areas in West Cairns, around Manoora, Moody Creek and the Cairns foothills, North Queensland.

#### **Additional Projects:**

# Lead Presenter in Rainforest Documentary: "Back to Earth", Mulong Productions, 2015

Adventured deep into the rainforest south of Cairns, North Queensland, meeting indigenous tribes and surviving off the land. https://vimeo.com/134871495





# **Environmental Scientist**

Bachelor of Science, James Cook University Master of Science, James Cook University

Rainforest Plant Identification, Australian Tropical Herbarium

Memberships: Environmental Institute of Australia and New Zealand

Locations: Cairns, QLD, 4870 Project role: Environmental Scientist

#### Overview

Qualifications:

Tristam has been employed by RPS in a graduate scientist role going on 1 year now. Tristam has over 5 years' experience within the environmental field, and during this time he has developed technical expertise and experience covering all aspects of environmental services including flora/fauna surveys, species identification, environmental quality sampling, and restoration projects. Tristam's knowledge and understanding of environmental legislation, along with scientific interpretation and reporting skills has resulted in a demonstrated ability to deliver high quality advice and results on projects of significant calibre and sensitivity.

#### **Experience**

#### **EVNT Newcastle Surveys, NSW, Ongoing**

Tristam has been involved with various endangered and vulnerable plant surveys within parts of New South Wales that included more than 140 species over various sites within

Newcastle, Blue Mountains, and Lithgow areas. This included the identification and data analysis of the species located to better understand the biodiversity and environmental condition of the sites surveyed.

#### Wetland Monitoring Program, TSIRC, Ongoing

Tristam was involved in producing the winter report for the Saibai wetland monitoring program. This report analysed results for monitoring the health of the High Ecological Significance (HES) Wetlands adjacent to the bund wall located on Saibai Island, within Torres Strait. Tristam's work involved statistical analysis, report writing, and ecological impact assessment and interpretation.

#### **Areas of Expertise**

- Ecology
- Botany
- Marine Biology
- Habitat Restoration
- Population and Density Analysis
- Species Identification
- Contamination

#### **Sectors**

- Environment
- Energy and Resources
- Infrastructure



#### Marine Plant Monitoring Program, TSIRC, Ongoing

Tristam is involved in conducting marine plant impact surveys and producing the Before/After Impact Survey Reports for the Jetty Upgrade Project located at Hammond Island, Torres Strait over 5 years. Tristam's work involves field work involving transects, GPS positioning, and photography, and data collection in terms of species diversity and density, species identification, report writing, and statistical analysis.

#### Regional Cajanus mareebensis Survey, PNQ, 2018

Tristam was involved with a regional EVNT search for *Cajanus mareebensis*. This included the identification and population density analysis of the species to better understand its location and population density within the areas and townships surrounding Mareeba.

#### Prince of Wales Psydrax reticulata Survey, TSIRC, 2018

Tristam was involved with an EVNT search for *Psydrax reticulata*. This included the identification and population density analysis of the species to better understand its location and population density located on Price of Wales Island.

#### Prince of Wales Marine Plant Survey, TSIRC, 2018

Tristam undertook the marine plant survey on Prince of Wales Island. This search involved identifying areas within the project site inhabited by marine plants and their extent and density across the proposed site.

#### Regional Myrmecodia beccarii Survey, PNQ, 2018

Tristam created and preformed an EVNT population survey for *Myrmecodia beccarii* or as it is commonly known, the Ant Plant. This involved creating a modified EVNT search methodology for the identification and population assessment of the species located on the project site.

It should be noted that Tristam spent 2015, 2016, and most of 2017 identifying and restoring marine flora species which are regarded as endangered and protected flora species under the *Fisheries Act 1994*.

A table detailing the endangered, vulnerable, and near threatened terrestrial plant search experience Tristam has acquired as per the specifications listed in section 6.2.2 of the Flora Survey Guidelines in regard to the *Nature Conservation (Wildlife) Regulation 2006* and *Environment Protection and Biodiversity Conservation Act 1999* within Queensland and New South Wales has been presented below.



	Status/Listing				
Species	Act/Legislation	Location	Year		
Myrmecodia	Endangered	Palm Cove,	Multiple Surveys ove		
beccarii	(NCA)	Cairns, QLD	2017 & 2018		
Psydrax	Vulnerable	Prince of Wales Island,	Multiple Surveys ove		
reticulata	(NCA)	Torres Strait, QLD	2017 & 2018		
Cajanus	Near Threatened	Various Locations on the Tablelands,	Multiple Surveys ove		
mareebensis	(NCA)	Arriga, QLD	2017 & 2018		
Pterostylis	Endangered	Newcastle, NSW	Multiple Surveys ove		
chaetophora	(NCA)	Newcastle, NOW	2018 & 2019		
Maundia	Vulnerable	Newcastle, NSW	Multiple Surveys ove		
triglochinoides	(NCA)	Newcastle, NOW	2018 & 2019		
Phaius	Endangered	Newcastle, NSW	Multiple Surveys ove		
australis	(NCA)	Newcastle, NOW	2018 & 2019		
Acacia	Vulnerable	Plus Mountains NSW	Multiple Surveys ove		
baueri	(NCA)	Blue Mountains, NSW	2018 & 2019		
Grevillea	Vulnerable	Nowogatla NSW	Multiple Surveys ove		
parviflora	(NSW BCA & EPBC)	Newcastle, NSW	2018 & 2019		
Asperula	Vulnerable	Novegotle NCW	Multiple Surveys ove		
asthenes	(NSW BCA & EPBC)	Newcastle, NSW	2018 & 2019		
Angophora	Vulnerable	Newgootle NCW	Multiple Surveys ove		
inopina	(NSW BCA & EPBC)	Newcastle, NSW	2018 & 2019		
	Endangered				
Caladenia	(NSW BCA)	Newcastle, NSW	Multiple Surveys over		
tessellate	Vulnerable	rvewcastie, rvovv	2018 & 2019		
	(EPBC)				
Cryptostylis	Vulnerable	Newcastle, NSW	Multiple Surveys ove		
hunteriana	(NSA BCA & EPBC)	rvewcastie, rvovv	2018 & 2019		
Cynanchum	Endangered	Newcastle, NSW	Multiple Surveys over		
elegans	(NSW BCA & EPBC)	Newcastle, NOW	2018 & 2019		
Dichanthium	Vulnerable	Newcastle, NSW	Multiple Surveys ove		
setosum	(NSW BCA & EPBC)	Newcastle, NSVV	2018 & 2019		
Melaleuca	Vulnerable	Novegotle NCW	Multiple Surveys ove		
biconvexa	(NSW BCA & EPBC)	Newcastle, NSW	2018 & 2019		
	Endangered				
Syzygium	(NSW BCA)	Newcastle, NSW	Multiple Surveys over		
paniculatum	Vulnerable	Newcastle, NSVV	2018 & 2019		
	(EPBC)				
Tetratheca	Vulnerable	Newgoods NCW	Multiple Surveys ove		
juncea	(NSW BCA & EPBC)	Newcastle, NSW	2018 & 2019		
Eucalyptus	Endongered		Madeala C		
largeana	Endangered (NSW BCA & EPBC)	Newcastle, NSW	Multiple Surveys ove 2018 & 2019		



	Endangered, Vulnerab	le, and Near Threatened Searc	hes
Species	Status/Listing Act/Legislation	Location	Year
Corybas dowlingii	Endangered (NSW BCA) Endemic to NSW	Newcastle, NSW	Multiple Surveys over 2018 & 2019
Carex	Endangered	Blue Mountains, NSW	Multiple Surveys over
klaphakei	(NSW BCA)		2018 & 2019
Persoonia	Vulnerable	Blue Mountains, NSW	Multiple Surveys over
acerosa	(NSW BCA & EPBC)		2018 & 2019
Leionema	Endangered	Blue Mountains, NSW	Multiple Surveys over
lachnaeoides	(NSW BCA & EPBC)		2018 & 2019
Acacia	Vulnerable	Blue Mountains, NSW	Multiple Surveys over
flocktoniae	(NSW BCA & EPBC)		2018 & 2019
Persoonia	Endangered	Blue Mountains, NSW	Multiple Surveys over
hindii	(NSW BCA)		2018 & 2019
Caesia	Endangered	Blue Mountains, NSW	Multiple Surveys over
parviflora	(NSW BCA)		2018 & 2019
Pultenaea spp	Endangered	Blue Mountains, NSW	Multiple Surveys over
Olinda	(NSW BCA)		2018 & 2019
Pultenaea	Vulnerable	Blue Mountains, NSW	Multiple Surveys over
glabra	(EPBC)		2018 & 2019
Eucalyptus	Endangered	Blue Mountains, NSW	Multiple Surveys over
copulans	(NSW BCA & EPBC)		2018 & 2019
Isopogon	Vulnerable	Blue Mountains, NSW	Multiple Surveys over
fletcheri	(NSW BCA & EPBC)		2018 & 2019
Haloragodendron	Endangered	Blue Mountains, NSW	Multiple Surveys over
lucasii	(NSW BCA & EPBC)		2018 & 2019
Leucopogon	Vulnerable	Blue Mountains, NSW	Multiple Surveys over
exolasius	(NSW BCA & EPBC)		2018 & 2019
Zieria	Vulnerable	Blue Mountains, NSW	Multiple Surveys over
murphyi	(NSW BCA & EPBC)		2018 & 2019
Prostanthera cryptandroides	Vulnerable (NSW BCA & EPBC)	Blue Mountains, NSW	Multiple Surveys over 2018 & 2019
Leionema	Vulnerable	Blue Mountains, NSW	Multiple Surveys over
sympetalum	(NSW BCA & EPBC)		2018 & 2019
Kunzea cambagei	Vulnerable (NSW BCA & EPBC)	Blue Mountains, NSW	Multiple Surveys over 2018 & 2019
Veronica blakelyi	Vulnerable (NSW BCA)	Blue Mountains, NSW	Multiple Surveys over 2018 & 2019
Grevillea	Vulnerable	Blue Mountains, NSW	Multiple Surveys over
evansiana	(NSW BCA & EPBC)		2018 & 2019
Eucalyptus cannonii	Vulnerable (NSW BCA)	Blue Mountains, NSW	Multiple Surveys over 2018 & 2019



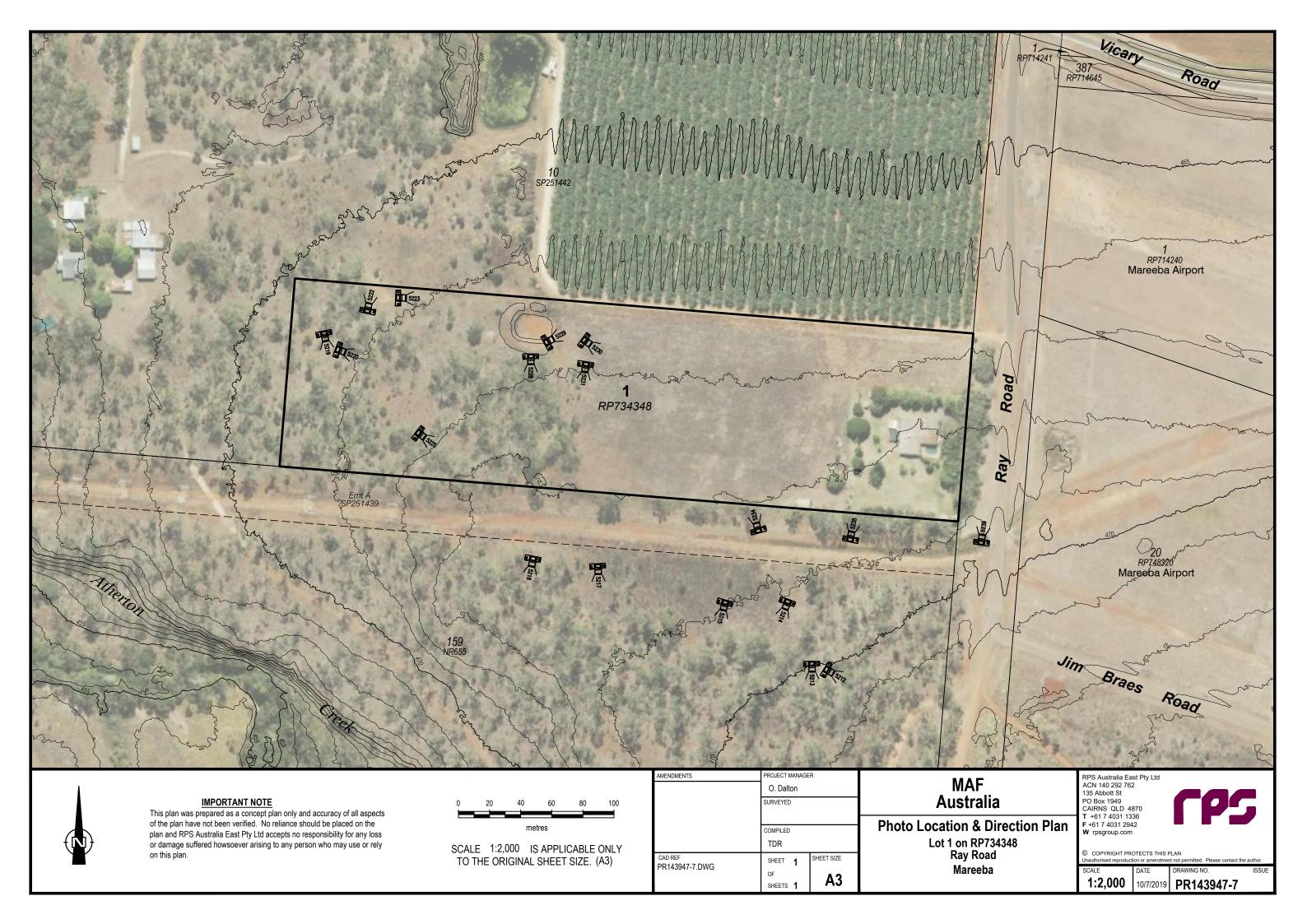
Endangered, Vulnerable, and Near Threatened Searches			
Species	Status/Listing Act/Legislation	Location	Year
Persoonia hirsuta	Endangered (NSW BCA & EPBC)	Blue Mountains, NSW	Multiple Surveys over 2018 & 2019
Darwinia peduncularis	Vulnerable (NSW BCA)	Blue Mountains, NSW	Multiple Surveys over 2018 & 2019
Epacris hamiltonii	Endangered (NSW BCA & EPBC)	Blue Mountains, NSW	Multiple Surveys over 2018 & 2019
Acacia bynoeana	Endangered (NSW BCA) Vulnerable (EPBC)	Blue Mountains, NSW	Multiple Surveys over 2018 & 2019
Eucalyptus pulverulenta	Vulnerable (NSW BCA & EPBC)	Blue Mountains, NSW	Multiple Surveys over 2018 & 2019
Astrotricha crassifolia	Vulnerable (NSW BCA & EPBC)	Blue Mountains, NSW	Multiple Surveys over 2018 & 2019
Xanthosia scopulicola	Vulnerable (NSW BCA)	Blue Mountains, NSW	Multiple Surveys over 2018 & 2019
Persoonia marginata	Vulnerable (NSW BCA & EPBC)	Blue Mountains, NSW	Multiple Surveys over 2018 & 2019
106 Various Species	Vulnerable Ecological Community (Threatened Species Conservation Act)	Blue Mountains Swamp, Lithgow, NSW	Multiple Surveys over 2018 & 2019

NCA refers to the Nature Conservation Act 1992, specifically the Nature Conservation (Wildlife) Regulation 2006

NSW BCA refers to the New South Wales Biodiversity Conservation Act 2016

EPBC refers to the Environment Protection and Biodiversity Conservation Act 1999

Appendix E Site Photos and Photo Location Plan RPS Drawing No. PR143947-7







































Our ref: PR143947/OLD/SD/L78617

## **Attachment 2**

DA Form 1

RPS Australia East Pty Ltd. Registered in Australia No. 44 140 292 762

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## DA Form 1 – Development application details

Approved form (version 1.1 effective 22 JUNE 2018) 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 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)	MAF International c/o RPS Australia East Pty Ltd
Contact name (only applicable for companies)	Owen Dalton – RPS Australia East Pty Ltd
Postal address (P.O. Box or street address)	PO Box 1949
Suburb	Cairns
State	Queensland
Postcode	4870
Country	Australia
Contact number	(07) 4276 1028
Email address (non-mandatory)	owen.dalton@rpsgroup.com.au
Mobile number (non-mandatory)	
Fax number (non-mandatory)	
Applicant's reference number(s) (if applicable)	PR143947

2) Owner's consent
2.1) Is written consent of the owner required for this development application?
<ul><li>✓ Yes – the written consent of the owner(s) is attached to this development application</li><li>✓ No – proceed to 3)</li></ul>



# PART 2 - LOCATION DETAILS

Note: P Forms (		elow and a <u>t plans.</u>	ttach a site pl		3) as applicable) premises part of the developi	nent application. For further information, see <u>DA</u>		
			•	lots must be liste				
					or adjacent property of must be listed).	the premises (appropriate for development in		
water be	Unit No.	Street N		et Name and	· · · · · · · · · · · · · · · · · · ·	Suburb		
		578		Road	. , , , ,	Mareeba		
a)	Postcode	Lot No.	-		ımber (e.g. RP, SP)	Local Government Area(s)		
	4880	1		34348	, ,	Mareeba Shire Council		
	Unit No.	Street N	lo. Stre	Street Name and Type Suburb				
					,			
b)	Postcode	Lot No.	Plan	Type and Nu	ımber (e.g. RP, SP)	Local Government Area(s)		
3.2) C	oordinates c	of premise	es (appropria	te for developme	ent in remote areas, over part	of a lot or in water not adjoining or adjacent to land		
e.g. cha	annel dredging l	in Moreton I	Bay)		set of coordinates is require			
				de and latitud	<u> </u>	a for this part.		
Longit		premises	Latitude(s		Datum	Local Government Area(s) (if applicable)		
Longit	uuo(o)		_amaao(o	/	□ WGS84			
					GDA94			
	☐ Other:							
☐ Co	ordinates of	premises	s by easting	and northing	)			
Eastin	g(s)	North	ing(s)	Zone Ref.	Datum	Local Government Area(s) (if applicable)		
				<u></u> 54	☐ WGS84			
□ 55 □ GDA94								
				□ 56	Other:			
	dditional pre							
	ditional prem ule to this ap			this developr	ment application and th	eir details have been attached in a		
	t required	phoation						
	'							
4) Ider	ntify any of t	he followi	ing that app	oly to the prer	nises and provide any i	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 po	rt land ur	nder the <i>Tr</i>	ansport Infras	structure Act 1994			
On strategic port land under the <i>Transport Infrastructure Act 1994</i> Lot on plan description of strategic port land:								
Name of port authority for the lot:								
	a tidal area							
Name of local government for the tidal area (if applicable):								
Name	of port auth	ority for ti	idal area (if	applicable):				
					cturing and Disposal) A	ict 2008		
Name	of airport:				,			

☐ Listed on the Environmental Management Register (EMR) under the Environmental Protection Act 1994					
EMR site identification:					
Listed on the Contaminated Land Register (CLR) under the Environmental	Protection Act 1994				
CLR site identification:					
5) Are there any existing easements over the premises?					
Note: Easement uses vary throughout Queensland and are to be identified correctly and accurate how they may affect the proposed development, see <u>DA Forms Guide</u> .	ely. For further information on easements and				
Yes – All easement locations, types and dimensions are included in plans application	submitted with this development				
⊠ No					

# PART 3 – DEVELOPMENT DETAILS

Section 1 – Aspects of development	opment		
6.1) Provide details about the first	st development aspect		
a) What is the type of developme	ent? (tick only one box)		
	Reconfiguring a lot	Operational work	☐ Building work
b) What is the approval type? (tid	ck only one box)		
□ Development permit	☐ Preliminary approval	<ul><li>☐ Preliminary approval the a variation approval</li></ul>	at includes
c) What is the level of assessme	nt?		
☐ Code assessment		ires public notification)	
d) Provide a brief description of t lots):	the proposal (e.g. 6 unit apartment	building defined as multi-unit dwelling	g, reconfiguration of 1 lot into 3
MCU – 'Air Services Facility (inconscillations, service/maintenance w			d accommodation
e) Relevant plans  Note: Relevant plans are required to be Relevant plans.  Relevant plans of the propose	·		
6.2) Provide details about the se	cond development aspect		
a) What is the type of developme	ent? (tick only one box)		
☐ Material change of use	Reconfiguring a lot	Operational work	☐ Building work
b) What is the approval type? (tid	ck only one box)		
Development permit	☐ Preliminary approval	☐ Preliminary approval the approval	at includes a variation
c) What is the level of assessme	nt?		
☐ Code assessment	☐ Impact assessment (requ	ires public notification)	
d) Provide a brief description of t lots):	the proposal (e.g. 6 unit apartment	building defined as multi-unit dwelling	g, reconfiguration of 1 lot into 3
e) Relevant plans  Note: Relevant plans are required to be Relevant plans.  Relevant plans of the propose	submitted for all aspects of this develoed telegraphs are attached t		

6.3) Additional aspects of develo	pment							
☐ Additional aspects of develop that would be required under Par ☐ Not required								
Section 2 Further developm	ont do	taile						
Section 2 – Further developm 7) Does the proposed developme			ve a	any of the follow	/ing?			
				sion 1 if assess		st a local	planning instru	ıment
Reconfiguring a lot	_	- complete o					1 . 3	
Operational work	_	- complete o						
Building work [	Yes -	- complete <i>l</i>	DA .	Form 2 – Buildi	ng work d	etails		
Division 1 – Material change of u Note: This division is only required to be co	JSE mpleted if	any part of the	dev	elonment annlicatio	on involves a	material ch	ange of use asses	ssable against a
local planning instrument.				огортот арриоан		material or	ange or acc acce	ousio againet a
8.1) Describe the proposed mate		_						
Provide a general description of proposed use	the		e planning scheme definition h definition in a new row)				er of dwelling if applicable)	Gross floor area (m²) (if applicable)
Air Services Facility		Air Service	es			10 Sta	iged	TBA
8.2) Does the proposed use invo	lve the ι	use of existi	ng t	ouildings on the	premises	?		
⊠ Yes								
□ No								
Division 2 – Reconfiguring a lot Note: This division is only required to be con	mpleted if	anv part of the	dev	elopment applicatio	on involves r	econfiguring	ı a lot.	
9.1) What is the total number of						<i>y</i> y		
9.2) What is the nature of the lot	reconfig	uration? (tic	k all	applicable boxes)				
Subdivision (complete 10))			Ш	Dividing land i	nto parts b	oy agreen	nent (complete 1	1))
☐ Boundary realignment (complete 12))			Creating or changing an easement giving access to a lot from a construction road (complete 13))					
10) 0 1 11 11								
10) Subdivision 10.1) For this development, how								
Intended use of lots created	Reside	ntial	Co	ommercial	Industria	ıl	Other, please	specify:
Number of lots created								
10.2) Will the subdivision be stag	red?							
Yes – provide additional detail		ı						
	10 501011	•						
How many stages will the works	include?	)						
What stage(s) will this developmed apply to?	ent appl	ication						

11) Dividing land in parts?	to parts by aç	greement – hov	w many parts	are bein	g created and wh	at is the i	intended use of the		
Intended use of par	ts created	Residential	Comm	nercial	al Industrial		Other, please specify:		
Number of parts cre	eated								
12) Boundary realig	nment								
12.1) What are the	<u> </u>	<u> </u>	for each lot	comprisir	•				
Latan alan dasaria	Curre					Proposed			
Lot on plan descript	tion	Area (m²)		LO	t on plan descripti	on	Area (m²)		
12.2) What is the re	ason for the	boundary reali	gnment?						
12) What are the di	monsions and	d nature of any	ovicting one	omonte h	voing changed and	d/or any	proposed easement?		
(attach schedule if there			existing eas	emems t	being changed and	u/OI ally	proposeu easement:		
Existing or proposed?	Width (m)	Length (m)	Purpose of the easement? pedestrian access)		ment? (e.g.		entify the land/lot(s) enefitted by the easement		
ргорозеа:			poucourair de	pedestriari access)		Derien	ned by the easement		
Division 2 On such						1			
Division 3 – Operati Note: This division is only r		mpleted if any par	t of the developr	ment applica	ation involves operatio	nal work.			
14.1) What is the na	ature of the o	perational worl							
☐ Road work☐ Drainage work		L	] Stormwater ] Earthworks		_	nfrastruc e infrastri			
☐ Landscaping			] Signage			g vegeta			
Other – please s	specify:								
44.0) la tha an anati			itata tha anns	tion of mo					
14.2) Is the operation  ☐ Yes – specify nu			itate the crea	tion of ne	ew IOIS? (e.g. subdiv	rision)			
□ No	difficer of ficw	1013.							
14.3) What is the m	onetary value	e of the propos	ed operation	al work?	(include GST, materia	als and labo	our)		
\$									
PART 4 – ASSE	ECCNIENI.	T MANACI	ED DETA	II C					
FART 4 – ASSI		I WANAGI	LNDLIA	IILO					
15) Identify the asse	essment mar	nager(s) who w	ill be assessi	ng this de	evelopment applic	ation			
Mareeba Shire Cou									
16) Has the local go			· ·			developn	nent application?		
Yes – a copy of				•	• •	uest – re	levant documents		
attached	tanon to	agrood t		zza piai	g conomo roq				
⊠ No									

## PART 5 - REFERRAL DETAILS

17) Do any aspects of the proposed development require referral for 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 Regulation 2017:
☐ Clearing native vegetation
Contaminated land (unexploded ordnance)
Environmentally relevant activities (ERA) (only if the ERA have not been devolved to a local government)
Fisheries – aquaculture
Fisheries – declared fish habitat area
Fisheries – marine plants
☐ Fisheries – waterway barrier works ☐ Hazardous chemical facilities
☐ Queensland heritage place (on or near a Queensland heritage place)
☐ Infrastructure – designated premises
☐ Infrastructure — state transport infrastructure
☐ Infrastructure – state transport corridors and future state transport corridors
☐ Infrastructure — state-controlled transport tunnels and future state-controlled transport tunnels
☐ Infrastructure – near a state-controlled road intersection
☐ On Brisbane core port land near a State transport corridor or future State transport corridor
☐ On Brisbane core port land – ERA
On Brisbane core port land – tidal works or work in a coastal management district
On Brisbane core port land – hazardous chemical facility
On Brisbane core port land – taking or interfering with water
On Brisbane core port land – referable dams
On Brisbane core port land - fisheries
Land within Port of Brisbane's port limits
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
<ul> <li>Water-related development – removing quarry material (from a watercourse or lake)</li> <li>Water-related development – referable dams</li> </ul>
☐ Water-related development – construction of new levees or modification of existing 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 have been devolved to local government)
Local heritage places

<u> </u>	ief executive of the distribution entit	y or transmission entity:					
Electricity infrastructure  Matters requiring referral to:							
	older of the licence, if not an individua	al					
	he holder of the licence is an individual						
Oil and gas infrastructure							
Matters requiring referral to <b>the Br</b> ☐ Brisbane core port land	isbane City Council:						
. •	nister under the <i>Transport Infrastruc</i> istent with Brisbane port LUP for transp						
Matters requiring referral to the <b>rel</b> Land within Port of Brisbane's p	evant port operator: port limits (below high-water mark)						
Matters requiring referral to the <b>Ch</b> Land within limits of another po	ief Executive of the relevant port aud rt (below high-water mark)	thority:					
Matters requiring referral to the <b>Gc</b> ☐ Tidal works, or work in a coasta	old Coast Waterways Authority: al management district in Gold Coast w	aters					
Matters requiring referral to the Qu	eensland Fire and Emergency Servi	ce:					
☐ Tidal works marina (more than six vessel berths)							
	led a referral response for this develop						
<ul><li>☐ Yes – referral response(s) rece</li><li>☐ No</li></ul>	ived and listed below are attached to the	nis development application					
Referral requirement	Referral agency	Date of referral response					
		oplication that was the subject of the n, or include details in a schedule to this					
PART 6 – INFORMATION	REQUEST						
19) Information request under Part	2 of the DA Bules						
	n request if determined necessary for t	his development application					

• 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

☐ I do not agree to accept an information request for this development application

• Part 3 of the DA Rules will still apply if the application is an application listed under section 11.3 of the DA Rules.

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

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)  Yes – provide details below or include details in a schedule to this development application  No  List of approval/development application references  Approval  Development application  Approval  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  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
☑ No       List of approval/development application references       Reference number       Date       Assessment manager         ☐ Approval       Development application       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         \$\text{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         ② No       23) Further legislative requirements         Environmentally relevant activities
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application references   manager
Approval 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  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
Development application  Approval 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  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  No  The provide evidence that the portable long service leave levy has been paid before the assessment manager may give a development approval only if I provide evidence that the portable long service leave levy has been paid before the assessment manager may give a development approval only if I provide evidence that the portable long service leave levy has been paid before the assessment manager may give a development approval only if I provide evidence that the portable long service leave levy has been paid before the assessment manager may give a development approval only if I provide evidence that the portable long service leave levy has been paid before the assessment manager may give a development application. I acknowledge that the assessment manager may give a development application. I acknowledge that the assessment manager may give a development application. I acknowledge that the assessment manager may give a development application. I acknowledge that the assessment manager may give a development application. I acknowledge that the assessment manager may give a development
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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   \$   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   No   No   No   No   No   No   No
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         \$         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
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         \$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
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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  ☐ 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
Amount paid  Date paid (dd/mm/yy)  QLeave levy number  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
\$  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
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  No  Purther legislative requirements  Environmentally relevant activities
notice?  ☐ Yes – show cause or enforcement notice is attached ☐ No  23) Further legislative requirements Environmentally relevant activities
notice?  ☐ Yes – show cause or enforcement notice is attached ☐ No  23) Further legislative requirements Environmentally relevant activities
<ul> <li>Yes – show cause or enforcement notice is attached</li> <li>No</li> <li>23) Further legislative requirements</li> <li>Environmentally relevant activities</li> </ul>
23) Further legislative requirements  Environmentally relevant activities
23) Further legislative requirements  Environmentally relevant activities
Environmentally relevant activities
Environmentally relevant activities
The thic development application also taken to be an application for an application and authority for an
23.1) Is this development application also taken to be an application for an environmental authority for an <b>Environmentally Relevant Activity (ERA)</b> under section 115 of the <i>Environmental Protection Act 1994</i> ?
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
<b>Note</b> : Application for an environmental authority can be found by searching "ESR/2015/1791" as a search term at <a href="www.qld.gov.au">www.qld.gov.au</a> . An ERA requires an environmental authority to operate. See <a href="www.business.qld.gov.au">www.business.qld.gov.au</a> 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.gld.gov.au for further information about hazardous chemical notifications.

23.3) Does this development application involve <b>clearing native vegetation</b> that requires written confirmation that the chief executive of the <i>Vegetation Management Act 1999</i> is satisfied the clearing is for a relevant purpose under section 22A of the <i>Vegetation Management Act 1999</i> ?
<ul> <li>Yes – this development application includes written confirmation from the chief executive of the Vegetation Management Act 1999 (s22A determination)</li> <li>No</li> </ul>
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.gld.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
<b>Note</b> : The environmental offset section of the Queensland Government's website can be accessed at <a href="https://www.qld.gov.au">www.qld.gov.au</a> for further information on environmental offsets.
Koala conservation
23.5) Does this development application involve a material change of use, reconfiguring a lot or operational work within an assessable development area under Schedule 10, Part 10 of the Planning Regulation 2017?
<ul> <li>☐ Yes</li> <li>☑ No</li> <li>Note: See guidance materials at www.des.qld.gov.au for further information.</li> </ul>
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 <i>Water Act 2000</i> ?
☐ Yes – the relevant template is completed and attached to this development application and I acknowledge that a relevant authorisation or licence under the <i>Water Act 2000</i> may be required prior to commencing development ☐ No
<b>Note</b> : Contact the Department of Natural Resources, Mines and Energy at <a href="www.dnrme.qld.gov.au">www.dnrme.qld.gov.au</a> for further information.
DA templates are available from <a href="https://planning.dsdmip.qld.gov.au/">https://planning.dsdmip.qld.gov.au/</a> . 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 Form1 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 <a href="https://planning.dsdmip.qld.gov.au/">https://planning.dsdmip.qld.gov.au/</a> . 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 <i>resource</i> allocation authority is attached to this development application, if required under the <i>Fisheries Act 1994</i>
No Note: See quidance materials at www.def ald gay au for further information
Note: See guidance materials at <u>www.daf.qld.gov.au</u> for further information.
Quarry materials from a watercourse or lake
23.9) Does this development application involve the <b>removal of quarry materials from a watercourse or lake</b> under the <i>Water Act 2000?</i>

☐ 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 <a href="https://www.dnrme.qld.gov.au">www.dnrme.qld.gov.au</a> and <a href="https://www.business.qld.gov.au">www.business.qld.gov.au</a> for further information.
Quarry materials from land under tidal waters
23.10) Does this development application involve the <b>removal of quarry materials from land under tidal water</b> under the <i>Coastal Protection and Management Act 1995?</i>
<ul><li>☐ Yes – I acknowledge that a quarry material allocation notice must be obtained prior to commencing development</li><li>☒ No</li></ul>
<b>Note</b> : Contact the Department of Environment and Science at <a href="www.des.qld.gov.au">www.des.qld.gov.au</a> for further information.
Referable dams  23.11) Does this development application involve a <b>referable dam</b> required to be failure impact assessed under section 343 of the <i>Water Supply (Safety and Reliability) Act 2008</i> (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 <a href="https://www.dnrme.gld.gov.au">www.dnrme.gld.gov.au</a> 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?
<ul> <li>☐ Yes – the following is included with this development application:</li> <li>☐ Evidence the proposal meets the code for assessable development that is prescribed tidal work (only required if application involves prescribed tidal work)</li> <li>☐ A certificate of title</li> </ul>
⊠ No
Note: See guidance materials at <a href="https://www.des.qld.gov.au">www.des.qld.gov.au</a> for further information.  Queensland and local heritage places
23.13) Does this development application propose development on or adjoining a place entered in the <b>Queensland</b>
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 <a href="https://www.des.gld.gov.au">www.des.gld.gov.au</a> for information requirements regarding development of Queensland heritage places.
Name of the heritage place:  Place ID:
Brothels
23.14) Does this development application involve a material change of use for a brothel?
<ul> <li>Yes – this development application demonstrates how the proposal meets the code for a development application for a brothel under Schedule 3 of the <i>Prostitution Regulation 2014</i></li> <li>No</li> </ul>
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?
<ul> <li>Yes - this application will be taken to be an application for a decision under section 62 of the <i>Transport Infrastructure Act 1994</i> (subject to the conditions in section 75 of the <i>Transport Infrastructure Act 1994</i> being satisfied)</li> <li>No</li> </ul>

# 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  Note: See the Planning Regulation 2017 for referral requirements	⊠ Yes	
If building work is associated with the proposed development, Parts 4 to 6 of <i>DA Form 2 – Building work details</i> have been completed and attached to this development application	- ☐ Yes ⊠ Not applicable	
Supporting information addressing any applicable assessment benchmarks is with 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 <a href="DAForms Guide: Planning Report Template">DAForms Guide: Planning Report Template</a> .	rt ⊠ 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 <a href="DA Forms Guide: Relevant plans">DA Forms Guide: Relevant plans</a> .	⊠ 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	
<ul> <li>∑5) Applicant declaration</li> <li>∑ By making this development application, I declare that all information in this development application is true and correct</li> <li>∑ Where an email address is provided in Part 1 of this form, I consent to receive future electronic communications from the assessment manager and any referral agency for the development application where written information is required or permitted pursuant to sections 11 and 12 of the <i>Electronic Transactions Act 2001</i></li> <li>Note: It is unlawful to intentionally provide false or misleading information.</li> <li>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.</li> <li>Personal information will not be disclosed for a purpose unrelated to the <i>Planning Act 2016</i>, Planning Regulation 2017 and the DA Rules except where:</li> <li>such disclosure is in accordance with the provisions about public access to documents contained in the <i>Planning</i></li> </ul>		
<ul> <li>Act 2016 and the Planning Regulation 2017, and the access rules made under the Plant Regulation 2017; or</li> <li>required by other legislation (including the Right to Information Act 2009); or</li> <li>otherwise required by law.</li> <li>This information may be stored in relevant databases. The information collected will be respublic Records Act 2002.</li> </ul>	-	
PART 9 – 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		

manager	
QLeave notification and payment  Note: For completion by assessment manager if applicable	
Description of the work	
QLeave project number	
Amount paid (\$)	
Date paid	
Date receipted form sighted by assessment manager	
Name of officer who sighted the form	