

## 8 CORPORATE AND COMMUNITY SERVICES

**8.1 REEVER AND OCEAN PTY LTD - RECONFIGURING A LOT - SUBDIVISION (5 LOTS INTO 49 LOTS) IN TWO STAGES - LOTS 17, 18 & 19 ON SP296830, LOT 22 ON SP304952 AND LOT 20 ON N157423 - 112 BARNWELL ROAD, KURANDA - RAL/18/0002**

**Date Prepared:** 14 October 2019

**Author:** Senior Planner

**Attachments:**

1. Proposal Plan [↓](#)
2. Department of State Development, Manufacturing, Infrastructure and Planning referral response - 27 September 2019 [↓](#)

### APPLICATION DETAILS

APPLICATION		PREMISES	
<b>APPLICANT</b>	Reever and Ocean Pty Ltd	<b>ADDRESS</b>	112 Barnwell Road, Kuranda
<b>DATE LODGED</b>	18 January 2018 Change Application made 29 August 2019	<b>RPD</b>	Lots 17, 18, 19 on SP296830, Lot 22 on SP304952 and Lot 20 on N157423
<b>TYPE OF APPROVAL</b>	Development Permit		
<b>PROPOSED DEVELOPMENT</b>	Reconfiguring a Lot - Subdivision (5 lots into 49 lots) in two stages		
<b>FILE NO</b>	RAL/18/0002	<b>AREA</b>	Lot 17 - 63.12 hectares Lot 18 - 69.814 hectares Lot 19 - 43.4993 hectares Lot 20 - 70.618 hectares Lot 22 - 107.7 hectares
<b>CONSULTANT</b>	wildPLAN	<b>OWNER</b>	Reever and Ocean Pty Ltd
<b>PLANNING SCHEME</b>	Mareeba Shire Planning Scheme 2004 (Amendment No. 01/11)		
<b>ZONE</b>	Lot 20 on N157423 - Rural zone Lots 17, 18, 19 on SP296830 & Lot 22 on SP304952 - Myola zone		
<b>LEVEL OF ASSESSMENT</b>	Code Assessment		
<b>SUBMISSIONS</b>	n/a		

### EXECUTIVE SUMMARY

Council is in receipt of a development application described in the above application details.

The application is code assessable and was not required to undergo public notification.

It has been assessed against the relevant statutory planning instruments, including the Regional Plan, State Planning Policy and the Superseded Mareeba Shire Planning Scheme 2004. The application does not conflict with any relevant planning instrument.

The proposed development has been purposefully designed to restrict most new lots to the existing cleared areas of the subject site. Where proposed lots do contain vegetation, these lots are generally larger in size to accommodate this vegetation, whilst also containing existing cleared areas to allow for future development. Minimal further clearing will be required as a result of this development.

The site's existing cleared areas are consistently identified by the State Planning Policy Matters of State Environmental Significance mapping and the FNQ Regional Plan 2031 Areas of Ecological Significance mapping as being one of the least environmentally significant areas in the Kuranda/Myola region.

It is acknowledged that the site does likely contain areas of critical habitat that will be identified through a comprehensive ecological assessment and protected by statutory covenants, with Council being a registered party to the covenant.

It is recommended that the application be approved in full with conditions.

#### OFFICER'S RECOMMENDATION

- That in relation to the following development application:

APPLICATION		PREMISES	
<b>APPLICANT</b>	Reever and Ocean Pty Ltd	<b>ADDRESS</b>	112 Barnwell Road, Kuranda
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<b>TYPE OF APPROVAL</b>	Development Permit		
<b>PROPOSED DEVELOPMENT</b>	Reconfiguring a Lot - Subdivision (5 lots into 49 lots) in two stages		

and in accordance with the Planning Act 2016, the applicant be notified that the application for a development permit for the development specified in (A) is:

Approved by Council in accordance with the approved plans/documents listed in (B), subject to assessment manager conditions in (C), assessment manager's advice in (D), concurrence agency conditions in (E), relevant period in (F), further permits in (G), and further approvals from Council listed in (H);

And

The assessment manager does not consider that the assessment manager's decision conflicts with a relevant instrument.

(A) APPROVED DEVELOPMENT: Development Permit for Reconfiguring a Lot - Subdivision ( 5 lots into 49 lots) in two stages

(B) APPROVED PLANS:

Plan/Document Number	Plan/Document Title	Prepared by	Dated
HRP16299-003-MP-08 J	Non Urban Residential Proposed Lot Layout and Staging Plan	Cardno	28/08/2019

(C) ASSESSMENT MANAGER'S CONDITIONS (COUNCIL)

(a) Development assessable against the Planning Scheme

1. Development must be carried out generally in accordance with the approved plans and the facts and circumstances of the use as submitted with the application, subject to any alterations:
  - found necessary by Council's delegated officer at the time of examination of the engineering plans or during construction of the development because of particular engineering requirements; and
  - to ensure compliance with the following conditions of approval.
2. Timing of Effect
  - 2.1 The conditions of the development permit, as applicable to each stage, must be complied with to the satisfaction of Council's delegated officer prior to the endorsement of the plan of survey for the respective stage, except where specified otherwise in these conditions of approval.
3. General
  - 3.1 The development approval would not have been issued if not for the conditions requiring the construction of infrastructure or the payment of infrastructure charges within the conditions of approval.
  - 3.2 The applicant/developer is responsible for the cost of necessary alterations to existing public utility mains, services or installations required by works in relation to the proposed development or any works required by condition(s) of this approval.
  - 3.3 All payments or bonds required to be made to the Council pursuant to any condition of this approval or the Adopted Infrastructure Charges Notice must be made prior to the endorsement of the plan of survey and at the rate applicable at the time of payment.

- 3.4 The developer must relocate (in accordance with FNQROC standards) any services such as water, sewer, drainage, telecommunications and electricity that are not wholly located within the lots that are being created/serviced where required by the relevant authority unless approved by Council's delegated officer.
- 3.5 Where utilities (such as sewers on non-standard alignments) traverse lots to service another lot, easements must be created in favour of Council for access and maintenance purposes. The developer is to pay all costs (including Council's legal expenses) to prepare and register the easement documents.
- 3.6 Where approved existing buildings and structures are to be retained, setbacks to any new property boundaries are to be in accordance with Planning Scheme requirements for the relevant structure and/or Queensland Development Code. If any existing building/structures are in proximity to any new property boundary, a plan demonstrating compliance must be submitted prior to endorsement of the plan of survey.
- 3.7 All works must be designed, constructed and carried out in accordance with FNQROC Development Manual requirements and to the satisfaction of Council's delegated officer.
- 3.8 Charges
- All outstanding rates, charges and expenses pertaining to the land are to be paid in full.
- 3.9 Ecological Assessment Report - Stage 1
- Prior to an application for operational works being made for Stage 1 of the development, the applicant/development is to submit to Council an Ecological Assessment Report prepared generally in accordance with the methodology outlined within *Planning Scheme Policy 2 - Ecological Assessment Reports* of the Mareeba Shire Council Planning Scheme 2016.
- In particular, the Ecological Assessment Report must establish the extent of *Litoria Myola* habitat within the development site.
- 3.10 Environmental Covenants
- The applicant shall be responsible for the preparation and registration of a statutory covenant with Council pursuant to S97A of the Land Title Act for the purposes of preserving native animals, plants and their habitat.
- The covenant will be of a form that is acceptable to the Registrar of Titles and Council's delegated officer and will apply to the following areas of the development site:
- All land mapped as Category R Regulated Vegetation except for where this land is within a Drainage Reserve under the control of Council;
  - All land mapped as State and Regional Conservation Corridor (FNQ Regional Plan 2031 - Areas of Ecological Significance) where this land is not within a Drainage Reserve under the control of Council;
  - All land identified as habitat of *Litoria Myola* in the Ecological Assessment Report (Condition 3.9); and



- All other essential/critical habitat identified in the Ecological Assessment Report (Condition 3.9)

The covenant must stipulate that the covenant area must be protected, preserved and conserved, including by strictly adhering to the following non-exhaustive conditions (which may be varied by written agreement between the parties):

- (a) no existing living native vegetation or hereafter existing in the covenant area, may be cut down, damaged or destroyed;
- (b) no fixtures, fences or improvements other than those approved by the Council shall be erected on site;
- (c) to prohibit the construction of any dams or other structures or undertaking of any activities which may interrupt the natural hydrology, on any part of the site at any time.
- (d) no native animals within the covenant area shall be killed or interfered with;
- (e) no domestic dogs (except dogs registered under the Guide Dogs Act) or domestic cats are to be kept within the covenant area at any time;
- (f) no other acts may be carried out on or in respect of the covenant area which, in the opinion of the Council, acting reasonably may have a detrimental impact on the covenant area;

Notwithstanding clause (a) to (f), if any native or indigenous animal on the covenant area/s poses a risk to human safety the native or indigenous animal may be removed with the prior written consent of the Council and any other approvals which might be required by law.

The covenant agreement/s shall be signed by the registered owner prior to endorsement of the survey plan by Council and the signed covenant shall be jointly lodged for registration with the survey plan, in the Department of Natural Resources, Mines and Energy.

The covenant document shall be to the satisfaction of Council's delegated officer, and the applicant shall be responsible for the cost of preparation and registration of the covenant/s.

#### 4. Infrastructure Services and Standards

##### 4.1 Access

An access crossover must be constructed to each lot (from the edge of the road pavement servicing the lot to the property boundary) in accordance with FNQROC Development Manual standards, to the satisfaction of Council's delegated officer.

##### 4.2 Stormwater Drainage

- (a) The applicant/developer must take all necessary steps to ensure a non-worsening effect on surrounding land as a consequence of the development.

- (b) Prior to works commencing the applicant must submit a Stormwater Management Plan and Report prepared and certified by a suitably qualified design engineer (RPEQ) that meets or exceeds the standards of design and construction set out in the Queensland Urban Drainage Manual (QUDM) and the FNQROC Development Manual to the satisfaction of Council's delegated officer.
- (c) Prior to works commencing the applicant must submit a Stormwater Quality Management Plan and Report prepared and certified by a suitably qualified design engineer (RPEQ) that meets or exceeds the standards of design and construction set out in the Urban Stormwater Quality Planning Guideline and the Queensland Water Quality Guideline to the satisfaction of Council's delegated officer.
- (d) At minimum the Stormwater Quality Management must identify:
  - (i) any stormwater quality improvement devices;
  - (ii) first flush run off;
  - (iii) demonstrating no adverse effect on surrounding or downstream water quality; and
  - (iv) utilisation of sediment control and other pollution control devices.
- (e) The applicant/developer must construct the stormwater drainage infrastructure in accordance with the approved Stormwater Management Plan and/or Stormwater Quality Management Plan and Report.
- (f) Temporary drainage is to be provided and maintained during the construction phase of the development, discharged to a lawful point and not onto the construction site.
- (g) Drainage reserves must be dedicated over those areas identified as Drainage Reserve on Drawing No. HRP 16299-003-MP-08 F.
- (h) All stormwater channels through private property must be registered, with the easement for drainage purposes in favour of Council. All documentation leading to the registration of the easement must be completed at no cost to Council.
- (i) All stormwater drainage must be discharged at a lawful point of discharge.

#### 4.3 Roadworks – Internal

- (i) The alignment of Road A must be amended to eliminate the three (3) bends in proximity to entrance to the Kur-Cow facility on proposed Lot 44.
- (ii) Road A and Road B shall be constructed to Access Street standards (Table D1.1) in accordance with the FNQROC Development Manual (as amended) to the satisfaction of Council's delegated officer.

Prior to works commencing, plans for the abovementioned works must be approved as part of a subsequent application for operational works.

#### 4.4 Roadworks - Barnwell Road - Stage 1

The applicant/developer must upgrade the full length of Barnwell Road to the following standard:

- a. **Formation:** 8 metres
- b. **Pavement Width:** 6.5 metres
- c. **Seal Width:** 6.5 metres
- d. **Shoulders:** 0.75 metres gravel
- e. Myola Road / Barnwell Road intersection upgrade (as required), likely pavement widening on the left in to Barnwell Road.

Prior to works commencing, plans for the abovementioned works must be approved as part of a subsequent application for operational works.

#### 4.5 Water Supply

- (a) Where the existing reticulated water supply does not currently service the site or is not at an adequate capacity, the developer is required to extend or upgrade the reticulated water supply infrastructure to connect the site to Council's existing infrastructure at a point that has sufficient capacity to service the development in accordance with FNQROC Development Manual standards (as amended).
- (b) A water service connection must be provided to each proposed lot in accordance with FNQROC Development Manual standards (as amended) to the satisfaction of Council's delegated officer.

#### 4.6 On-Site Wastewater Management

At the time of construction of a new building on any lot, any associated on-site effluent disposal system must be constructed in compliance with the latest version On-Site Domestic Wastewater Management Standard (ASNZ1547) to the satisfaction of the Council's delegated officer.

#### 4.7 Electricity Provision/Supply

The applicant/developer must ensure that an appropriate level of electricity supply is provided to each allotment in accordance with FNQROC Development Manual standards (as amended), to the satisfaction of Council's delegated officer.

Written advice from an Electricity Service Provider is to be provided to Council indicating that an agreement has been made for the provision of underground power reticulation to each lot.

#### 4.8 Telecommunications

The applicant/developer must enter into an agreement with a telecommunication carrier to provide telecommunication services to each allotment and arrange provision of necessary conduits and enveloping pipes.

Alternatively, the applicant/developer must provide satisfactory evidence that each lot can be effectively serviced by the National Broadband Network Scheme, to the satisfaction of Council's delegated officer.

### (D) ASSESSMENT MANAGER'S ADVICE

- (a) An Adopted Infrastructure Charges Notice has been issued with respect to the approved development. The Adopted Infrastructure Charges Notice details the type of

infrastructure charge/s, the amount of the charge/s and when the charge/s are payable.

- (b) The Adopted Infrastructure Charges Notice does not include all charges or payments that are payable with respect to the approved development. A number of other charges or payments may be payable as conditions of approval. The applicable fee is set out in Council's Fees & Charges Schedule for each respective financial year.

- (c) Easement Documents

Council has developed standard easement documentation to assist in the drafting of formal easement documents for Council easements. Contact the Planning Section for more information regarding the drafting of easement documents for Council easements.

- (d) Endorsement Fees

Council charges a fee for the endorsement of a Survey Plan, Community Management Statements, easement documents, and covenants. The fee is set out in Council's Fees & Charges Schedule applicable for each respective financial year.

- (e) Compliance with applicable codes/policies

The development must be carried out to ensure compliance with the provisions of Council's Local Laws, Planning Scheme Policies, Planning Scheme and Planning Scheme Codes to the extent they have not been varied by a condition of this approval.

- (f) Notation on Rates Record

A notation will be placed on Council's Rate record with respect to each lot regarding the following conditions:

- a registered covenant

- (g) *Environmental Protection and Biodiversity Conservation Act 1999*

The applicant is advised that referral may be required under the *Environmental Protection and Biodiversity Conservation Act 1999* if the proposed activities are likely to have a significant impact on a matter of national environmental significance. Further information on these matters can be obtained from [www.environment.gov.au](http://www.environment.gov.au).

- (h) Cultural Heritage

In carrying out the activity the applicant must take all reasonable and practicable measures to ensure that no harm is done to Aboriginal cultural heritage (the "cultural heritage duty of care"). The applicant will comply with the cultural heritage duty of care if the applicant acts in accordance with gazetted cultural heritage duty of care guidelines. An assessment of the proposed activity against the duty of care guidelines will determine whether or to what extent Aboriginal cultural heritage may be harmed by the activity. Further information on cultural heritage, together with a copy of the

duty of care guidelines and cultural heritage search forms, may be obtained from [www.datsip.qld.gov.au](http://www.datsip.qld.gov.au).

(E) REFFERAL AGENCY CONDITIONS

Department of State Development, Manufacturing, Infrastructure and Planning conditions dated 27 September 2019.

(F) RELEVANT PERIOD

When approval lapses if development not started (s.85)

- Reconfiguring a Lot – four (4) years (starting the day the approval takes effect);

(G) OTHER NECESSARY DEVELOPMENT PERMITS AND/OR COMPLIANCE PERMITS

- Development Permit for Operational Works

(H) OTHER APPROVALS REQUIRED FROM COUNCIL

- Nil

2. That an Adopted Infrastructure Charges Notice be issued for the following infrastructure charge/s for:

Development Type	Rate	Measure	Charge	Credit Detail	Balance
	<i>\$ per Lot</i>	<i>Lots</i>		<i>Lots</i>	
Stage 1	\$15,040.00 (water supply, stormwater, transport and public parks networks)	7 Lots	\$105,280.00	5 Lots x \$15,040.00	\$30,080.00
Stage 2	\$15,040.00 (water supply, stormwater, transport and public parks networks)	42 Lots	\$631,680.00	Nil	\$631,680.00
<b>TOTAL CURRENT AMOUNT OF CHARGE</b>					<b>\$661,760.00</b>

**THE SITE**

The subject land comprises five (5) adjoining allotments situated at 112 Barnwell Road, Kuranda, and described as Lots 17, 18, 19 on SP296830, Lot 22 on SP304952 and Lot 20 on N157423.

The subject land has a combined area of approximately 354.75 hectares and with the exception of Lot 20 on N157423 (Rural zone), the land is zoned Myola under the Mareeba Shire Planning Scheme 2004 (Amendment No. 01/11).

The land is accessed via Barnwell Road with the constructed section of the road terminating within the road reserve adjacent Lot 22.

The extent to which Lot 19 on SP296830 and Lot 20 on N157423 form part of the application is for the purpose of being amalgamated with the post development balance areas of Lots 17, 18 on SP296830 and Lot 22 on SP304952. No non-urban residential subdivision is being proposed with the existing boundaries of Lot 19 on SP296830 and Lot 20 on N157423.

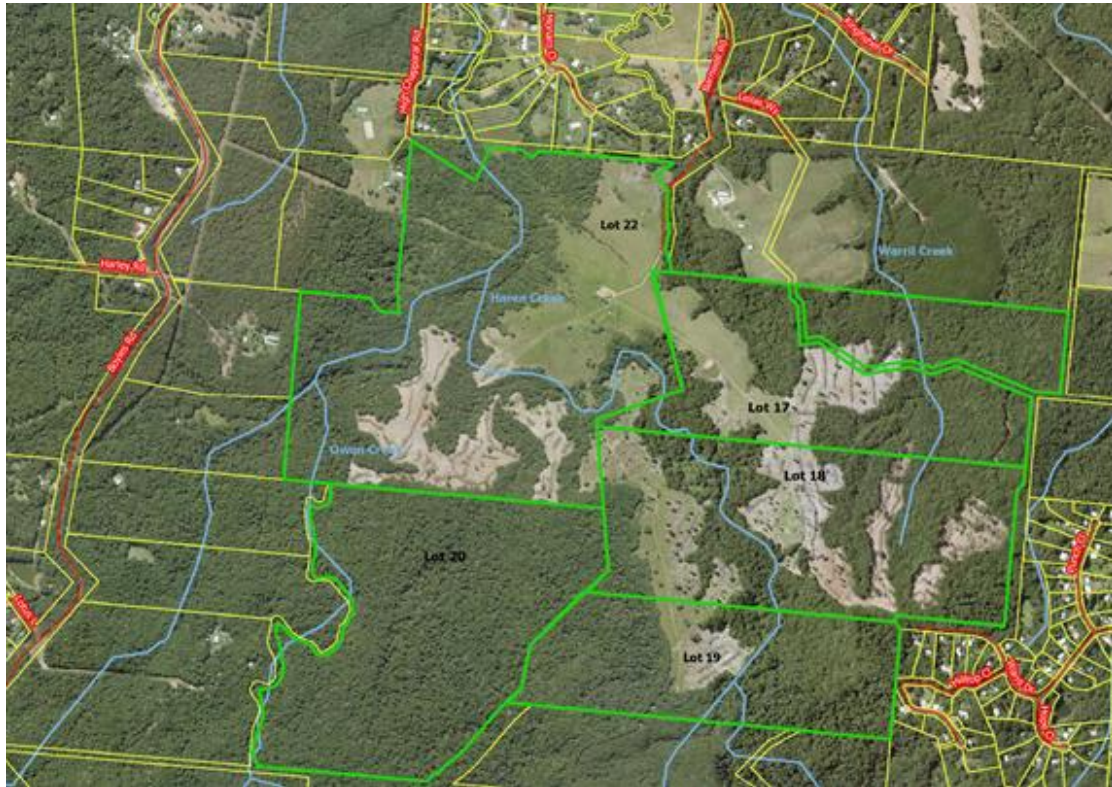
Of the five (5) land parcels subject to this application, Lots 17 and 22 are the only parcels that contains any known built improvements. These parcels are presently used for the following rural land uses:

- KUR-Cow: The site is used for the grazing and husbandry of beef cattle as part of the KUR-Cow business, that provides for the exporting of beef;
- KUR-Organics: Part of the site is used for the growing of organic produce;
- Animal Keeping: Part of the site is used for the keeping of animals including (but not limited to) donkeys, alpacas, goats and horses;
- Tourist Attraction: Part of the site has approval for up to 300 tourists per day for tourist activities associated with the rural and environmental features of the site; and
- Rural Workers' Accommodation (Lot 17).

The remainder of the subject land is undeveloped and is best described as undulating acreage with a mix of large cleared grassed areas and a network of vegetated gullies and watercourses. The site is traversed by Owen Creek, Cain Creek and Haren Creek and also tributaries of Owen Creek, Cain Creek, Warril Creek and Haren Creek.

Remnant and regrowth vegetation is present on the site. Regrowth vegetation extends along the creek corridors that traverse the site.

Land surrounding the site is developed for a mix of rural residential/rural living and comprises a mix of smaller rural residential allotments containing single detached dwellings and larger rural holdings that remain predominately vegetated and are predominately used as large lifestyle lots with some used for low intensity livestock grazing.

**Map Disclaimer:**

Based on or contains data provided by the State of Queensland (Department of Environment and Resource Management) (2009). In consideration of the State permitting use of this data you acknowledge and agree that the State gives no warranty in relation to the data (including accuracy, reliability, completeness, currency or suitability) and accepts no liability (including without limitation, liability in negligence) for any loss, damage or costs (including consequential damage) relating to any use of the data. Data must not be used for direct marketing or be used in breach of the privacy laws.

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**BACKGROUND AND CONTEXT**

This application is for development under the Superseded Mareeba Shire Planning Scheme 2004 (Amendment No. 1/11).

The application was originally lodged by Cardno on behalf of Reeve and Ocean Pty Ltd on 18 January 2018. The original application sought a development permit for Reconfiguring a Lot - Subdivision (12 into 191 lots in 8 stages).

Since original lodgement, several amendments/change applications have been made to the application with the last Change Application being made on 29 August 2019.

The 29 August 2019 Change Application reduced the scale of the proposed development to Reconfiguring a Lot - Subdivision (5 into 49 lots in 2 stages). The reduction to 49 lots had the effect of removing the State Transport Infrastructure referral trigger which applies to developments of 50 or more lots.

The applicant's consultant planner has also changed from Cardno to wildPLAN.

**PREVIOUS APPLICATIONS & APPROVALS**OW/16/0001 - Operational Works - Earthworks (Water Storage Dam)

Council, at its Ordinary Meeting on 20 July 2016 approved an application made by Civil Walker on behalf of the landowners, Reeve and Ocean Pty Ltd, seeking a development permit for operational works - earthworks (water storage dam) on land described as Lot 22 on N157227, situated at Barnwell Road, Kuranda. The Decision Notice was issued on 26 July 2016.

On 9 June 2017, Council, under delegated authority, approved a minor amendment to development approval OW/16/0001.

The water storage dam subject to development approval OW/16/0001 has been constructed in accordance with the conditions of approval and is considered to be lawfully established.

DA/16/0065 - Material Change of Use - Animal Keeping

On 9 February 2017, Council, under delegated authority, approved an application made by Cardno on behalf of the landowners, Reeve and Ocean Pty Ltd, seeking a development permit for material change of use - animal keeping on land described as Lot 22 on N157227, situated at Barnwell Road, Kuranda. The Decision Notice was issued on 9 February 2017.

Development approval DA/16/0065 has been acted upon and it is considered that the use is occurring in compliance with the conditions of approval.

MCU/17/0012 - Material Change of Use - Nature Based Tourism

On 27 November 2017, Council, under delegated authority, approved an application made by Cardno on behalf of the landowners, Reeve and Ocean Pty Ltd, seeking a development permit for material change of use - nature based tourism on land described as Lot 16, 17, 18, 22 on N157227, Lot 19 on N157452 and Lots 1 & 2 on RP703984 situated at 77 and 112 Barnwell Road, Kuranda. The Decision Notice was issued on 28 November 2017.

The use authorised under development approval MCU/17/0012 has now lapsed.

RAL/18/0015 - Reconfiguring a Lot - Boundary Realignment

On 16 May 2018, Council approved an application made by Cardno on behalf of the landowners, Reeve and Ocean Pty Ltd, seeking a development permit for reconfiguring a lot - boundary



realignment of land described as Lot 16 on N157227 and Lot 22 on SP296830 situated at 77 and 112 Barnwell Road, Kuranda. The Decision Notice was issued on 18 May 2018.

MCU/18/0006 - Material Change of Use - Tourist Attraction

On 16 May 2018, Council approved an application made by Cardno on behalf of Reeve and Ocean Pty Ltd, seeking a development permit for material change of use - nature based tourism on land described as part of Lot 16 on N157227, Lot 17 on SP296830, Lot 18 on SP296830, Lot 19 on SP296830 and Lot 22 on SP296830 situated at 77 and 112 Barnwell Road, Kuranda. The Decision Notice was issued on 18 May 2018.

MCU/18/0017 - Material Change of Use - Rural Workers' Accommodation

On 15 August 2018, Council approved an application made by Cardno on behalf of Reeve and Ocean Pty Ltd, seeking a development permit for material change of use - rural workers' accommodation on land described as part of Lot 16 on N157227, Lots 17, 18, 19 & 22 on SP296830, Lot 20 on N157423, Lot 95 on N157452, Lot 129 on NR456, Lot 131 on N157491, Lot 290 on N157480 and Lot 43 on N157359, situated at 77 and 112 Barnwell Road, Kuranda. The Decision Notice was issued on 16 August 2018.

KUR-World Coordinated Project

The subject land is also the site of the proposed KUR-World Integrated Eco-Resort. This proposal is currently being investigated by the Queensland Coordinator General.

**DESCRIPTION OF PROPOSED DEVELOPMENT**

The development application seeks a Development Permit for Reconfiguring a Lot - Subdivision (5 lots into 49 lots) in two stages in accordance with the plan shown in **Attachment 1**.

The final development would comprise 46 non-urban residential lots and three (3) rural balance area lots. The minimum lot size within the development is 4,000m<sup>2</sup>.

The proposed development staging is as follows:

- **Stage 1 - comprising 7 lots and the Stage 2 balance area lot**

Lot 1 - 6.1 hectares - non-urban residential lot

Lot 17 - 59.32 hectares - rural lot

Lot 19 on SP296830 - 47.64 hectares - rural lot

Lot 22 - 130.66 hectares - rural lot

Lot 44 - 26.85 hectares - non-urban residential lot

Lot 45 - 7.14 hectares - non-urban residential lot

Lot 46 - 27.11 hectares - non-urban residential lot

Balance area lot for Stage 2 - non-urban residential lot

- **Stage 2 - comprising 42 non-urban residential lots**

Lot 2 - 1.2 hectares

Lot 3 - 4,903m<sup>2</sup>

Lot 4 - 4,862m<sup>2</sup>

Lot 5 - 4,821m<sup>2</sup>

Lot 6 - 6,773m<sup>2</sup>  
Lot 7 - 5,791m<sup>2</sup>  
Lot 8 - 7,614m<sup>2</sup>  
Lot 9 - 9,652m<sup>2</sup>  
Lot 10 - 9,296m<sup>2</sup>  
Lot 11 - 9,001m<sup>2</sup>  
Lot 12 - 9,489m<sup>2</sup>  
Lot 13 - 4,182m<sup>2</sup>  
Lot 14 - 4,000m<sup>2</sup>  
Lot 15 - 4,159m<sup>2</sup>  
Lot 16 - 7,783m<sup>2</sup>  
Lot 17 - 5,108m<sup>2</sup>  
Lot 18 - 5,828m<sup>2</sup>  
Lot 19 - 1.03 hectares  
Lot 20 - 5,334m<sup>2</sup>  
Lot 21 - 6,830m<sup>2</sup>  
Lot 22 - 4,400m<sup>2</sup>  
Lot 23 - 4,400m<sup>2</sup>  
Lot 24 - 4,000m<sup>2</sup>  
Lot 25 - 4,800m<sup>2</sup>  
Lot 26 - 5,182m<sup>2</sup>  
Lot 27 - 4,000m<sup>2</sup>  
Lot 28 - 4,000m<sup>2</sup>  
Lot 29 - 4,000m<sup>2</sup>  
Lot 30 - 4,033m<sup>2</sup>  
Lot 31 - 6,467m<sup>2</sup>  
Lot 32 - 5,546m<sup>2</sup>  
Lot 33 - 4,192m<sup>2</sup>  
Lot 34 - 4,325m<sup>2</sup>  
Lot 35 - 4,292m<sup>2</sup>  
Lot 36 - 5,531m<sup>2</sup>  
Lot 37 - 6,307m<sup>2</sup>  
Lot 38 - 4,317m<sup>2</sup>  
Lot 39 - 4,887m<sup>2</sup>  
Lot 40 - 8,496m<sup>2</sup>

Lot 41 - 2.08 hectares

Lot 42 - 1.14 hectares

Lot 43 - 13.74 hectares

Access to the development will be provided from Barnwell Road with new local roads provided throughout the site to provide access to individual lots. All roads, including Barnwell Road, will be constructed in accordance with the FNQROC Regional Development Manual relevant standard (bitumen sealed). No new local road will connect to Warril Drive.

Infrastructure services will be provided to all lots as follows:

- **Water:** The applicant has requested that the development be conditioned to allow for either connections to the existing reticulated water network, or on-site water supplies (rainwater harvesting and/or bores). The applicant proposes that the development be conditioned to require a Water Supply Reticulation Analysis to be undertaken as part of Operational Works stage for any allotment to be connected to the Kuranda reticulated water network.
- **Sewer:** The applicant has requested that the development be conditioned to allow for either connections to the existing reticulated sewerage network, or on-site sewerage treatment.
- **Electricity:** A connection to the electricity transmission network will be provided to each lot.
- **Telecommunications:** A telecommunications connection will be provided to each proposed lot in accordance with relevant service provider standards.
- **Stormwater:** Appropriate stormwater infrastructure will be provided. The site is benefited with a numbers of waterways that provide an established natural drainage system. The applicant proposes that a stormwater analysis be required as a condition of approval.

The proposed lot layout and internal road network has been designed to generally fit within the existing cleared areas, minimising the need for further vegetation clearing.

The applicant further states that the development has been designed to respond to areas of potential *Litoria Myola* habitat with fewer lots adjoining the more sensitive parts of the site in consideration of the *Environmental Protection and Biodiversity Conservation Act 1999* ( ‘the EPBC Act’ ) Listing Status for *Litoria Myola* having increased from Endangered to Critically Endangered on 4 July 2019.

The development will also provide for the retention of remnant vegetation within the proposed lots, while drainage reserves are proposed to allow for the retention of regrowth vegetation associated with established waterways.

An ecological assessment is proposed as a condition of approval to identify all habitat areas which would be secured by way of statutory covenants and to identify constraint areas which the development should avoid.

The application acknowledges that it will be necessary for the applicant to seek relevant approvals (as may be required) pursuant to the *Nature Conservation Act 1992* and the *Environment Protection and Biodiversity Conservation Act 1999*.

## REGIONAL PLAN DESIGNATION

The subject site is included within the Regional Landscape and Rural Production Area land use category in the Far North Queensland Regional Plan 2009-2031. The Regional Plan Map 3 - ‘Areas of Ecological Significance’ also identifies the site is:

- *Strategic Rehabilitation Area*
- *State & Regional Conservation Corridors*
- *Terrestrial Area of High Ecological Significance*
- *Terrestrial Area of General Ecological Significance*

## PLANNING SCHEME DESIGNATIONS

Strategic Framework:	Short to Medium Term Growth Area (Myola)
Zone:	Myola zone (Lots 17, 18, 19 and 22 on SP296830) Rural zone (Lot 20 on N157423)
Precinct:	Myola zone (Precincts A and C)
Overlays:	Natural and Cultural Heritage Features Overlay Significant Vegetation Overlay Natural Disaster Bushfire Overlay

## RELEVANT PLANNING INSTRUMENTS

Assessment of the proposed development against the relevant planning instruments is summarised as follows: -

### (A) Far North Queensland Regional Plan 2009-2031

Assessment against the Regional Plan is required because the plan is not reflected in the planning scheme. The application is assessed as being capable of complying with the relevant provisions of the Regional Plan, provided reasonable and relevant conditions are applied.

The following Desired Regional Outcome Land Use Policies are relevant to the assessment of the application:

DRO 1.1 Biodiversity Conservation			
Land Use Policy		Complies	Comments
1.1.1	<i>Urban development within the regional landscape and rural production area is located outside of areas of high ecological significance (see map 3).</i>	✓	<p>The subject land is within the RLRPA and the proposed development is located outside the mapped area of high ecological significance.</p> <p>The applicant states that <i>"the proposed development has been designed to avoid impacts on ecological values. This includes via siting, limiting clearing to Category R (regrowth) and Category X vegetation only, as well as through the provision of larger lots and covenants, which will provide for the protection of Litoria Myola habitat areas.</i></p> <p><i>In addition to the avoidance of ecological values via the location of lots, buffers have been provided to waterways within the site and to Category B vegetation, to remove opportunities for accepted operational work (clearing) to be undertaken.</i></p> <p><i>In accordance with the above, development will achieve the objectives of the Biodiversity Conservation DRO with respect to protecting the region's natural assets to maintain ecological integrity and processes."</i></p>

			The development complies.
1.1.3	<i>Urban development adjacent to areas of high ecological significance (see map 3) is located, designed, operated and setback to avoid adverse impacts on the area's ecological values.</i>	✓	<p>The proposed development is adjacent to areas of high ecological significance.</p> <p>The development has been designed to avoid these areas. Statutory covenants will be conditioned to protect all important habitat areas, which will be identified through an independent ecological assessment to be required as a condition of approval.</p> <p>At minimum, statutory covenants will be required over all areas of the subject land mapped as State &amp; Regional Conservation Corridors.</p>
1.1.4	<i>Urban development in or adjacent to areas of general ecological significance (see map 3) is located, designed and operated to avoid or, where avoidance is not possible, minimise any adverse impacts on ecological values where possible.</i>	✓	<p>The proposed development is adjacent to areas of general ecological significance.</p> <p>The development has been designed to avoid these areas. Statutory covenants will be conditioned to protect all important habitat areas, which will be identified through an independent ecological assessment to be required as a condition of approval.</p> <p>At minimum, statutory covenants will be required over all areas of the subject land mapped as State &amp; Regional Conservation Corridors.</p>
1.1.5	<i>Urban development on a lot that is within a strategic rehabilitation area results in improved ecological connectivity or habitat extent within that lot.</i>	✓	<p>The proposed development area is mapped as strategic rehabilitation area.</p> <p>Statutory covenants will be conditioned to protect all important habitat areas, which will be identified through an independent ecological assessment to be required as a condition of approval.</p> <p>At minimum, statutory covenants will be required over all areas of the subject land mapped as State &amp; Regional Conservation Corridors.</p>

### DRO 1.3 Air and Acoustic Environment Protection

Land Use Policy		Complies	Comments
1.3.3	<i>Sensitive land uses should be separated from activities that generate noise and air emissions including commercial, recreational activities such as motor sports, intensive agricultural land uses, major transport facilities and industrial developments to ensure that existing air and noise emitters are not affected by the encroachment of sensitive land uses.</i>	✓	<p>The Kuranda Pet Resort is established on Lot 4 on RP749637 which adjoins the western boundary of Lot 22 on SP304952.</p> <p>The proposed development will achieve a separation distance greater than 500 metres to the Kuranda Pet Resort. This separation distance exceeds the current separation distance between the Kuranda Pet Resort and several established dwelling houses on Boyles Road.</p>

### DRO 2.1 Regional Landscape Values

Land Use Policy		Complies	Comments
2.1.1	<i>The value of the landscape for nature conservation, primary production, renewable energy resource areas, priority carbon sequestration, cultural heritage, outdoor recreation and scenic amenity is given appropriate recognition in land use planning and development assessment.</i>	✓	<p>The development has been designed to fit into the existing cleared areas of the subject land and will not result in further significant visual disturbance.</p> <p>Statutory covenants will be conditioned over large areas of the remaining vegetation to secure its habitat and scenic values for perpetuity.</p>
2.1.2	<i>The significance of cultural landscapes is given appropriate recognition in land use planning and development assessment.</i>		

DRO 2.3 Scenic Amenity, Outdoor Recreation and Inter-Urban Breaks			
Land Use Policy		Complies	Comments
2.3.1	<i>The visual amenity of the region's landscapes and seascapes is protected and enhanced by assessing proposed developments on landscapes that are vulnerable to visual impact due to their prominence, topography or degree of naturalness.</i>	✓	<p>The development has been designed to fit into the existing cleared areas of the subject land and will not result in further significant visual disturbance.</p> <p>Statutory covenants will be conditioned over large areas of the remaining vegetation to secure its habitat and scenic values for perpetuity.</p>

DRO 2.4 Primary Production & Fisheries			
Land Use Policy		Complies	Comments
2.4.1	<i>Good quality agricultural land is protected from urban development outside the urban footprint.</i>	n/a	The subject land is not mapped as good quality agricultural land.
2.4.2	<i>Appropriate buffer distances between incompatible uses and agricultural operations on good quality agricultural land are provided through sensitive land use planning in accordance with State Planning Policy 1/92.</i>	n/a	The subject land is not mapped as good quality agricultural land.

DRO 2.6 Rural Subdivision			
Land Use Policy		Complies	Comments
2.6.1	<i>Further fragmentation of agricultural land in the regional landscape and rural production area is avoided to maintain economically viable farm lot sizes.</i>	✓	<p>As stated for 2.4.1 above, the land is not mapped as good quality agricultural land.</p> <p>The existing use of the Myola zoned portion of the subject land for animal husbandry - intensive is a historic use right that is able to continue. In the absence of existing use rights, animal husbandry - intensive is an impact assessable inconsistent use in the Myola zone.</p> <p>The Myola zone is not an agricultural land area and should not be given any significant planning protection for this purpose.</p>

DRO 3.1 Social Planning			
Land Use Policy		Complies	Comments
3.1.5	<i>Appropriate levels of infrastructure and services are provided to rural towns and villages, consistent with the preferred settlement pattern and network of regional activity centres for FNQ (see Part D and Section 4.2)</i>	✓	<p>Appropriate levels of infrastructure are available in Kuranda and Myola.</p> <p>The proposed development will have convenient access to this infrastructure.</p>

DRO 3.2 Social Infrastructure			
Land Use Policy		Complies	Comments
3.2.1	<i>The coordination of community services and facilities is considered and incorporated in land use planning.</i>	✓	Appropriate levels of infrastructure are available in Kuranda and Myola.  The proposed development will have convenient access to this infrastructure.

DRO 3.3 Healthy and Safe Communities			
Land Use Policy		Complies	Comments
3.3.1	<i>Crime prevention through environmental design principles are considered in the design and layout of Greenfield communities and redevelopment areas.</i>	✓	<p>The applicant's response is as follows:</p> <p><i>"In respect of CPTED principles, the proposed lot layout facilitates casual surveillance of the internal road network and does not create opportunities for concealment. On this basis, development is considered to comply with land use policy 3.3.1.</i></p> <p><i>Buffers are provided to waterways, therefore providing a barrier between development and biting insects as well as promoting the ecological health of waterways that are known to stock vertebrates (fish) that control the larval stage of select biting insects. Features that have the potential to provide a breeding ground for biting insects are not proposed. On this basis, the proposed development is considered to comply with land use policy 3.3.3.</i></p> <p><i>Development is not proposed on land that is recognised to be subject to impacts of climate change (such as an erosion prone area) and therefore, land use policy 3.3.2 is not considered to be relevant to the application."</i></p> <p>The development complies.</p>
3.3.2	<i>State and local government and developers consider community health and safety issues in the planning and development of new urban areas and redevelopment sites including from the impacts of climate change.</i>		
3.3.3	<i>Developments are designed, located and operated to mitigate the health impacts of biting insects.</i>		
3.3.A	<i>Community health and safety in urban and rural environments is improved by providing appropriate social infrastructure, places for community activity, and involving local communities in planning processes.</i>		
3.3.B	<i>Best practice urban design is utilised to create built environments that enhance community health and safety.</i>		

DRO 4.1 Compact Urban Form			
Land Use Policy		Complies	Comments
4.1.1	<i>Urban development is contained within the urban footprint</i>	n/a	See comments for 4.6.1 below.

DRO 4.6 Rural Residential Development			
Land Use Policy		Complies	Comments
4.6.1	<i>New rural residential development is located in rural living areas.</i>	✓	<p>The proposed development (excluding Lot 20 on N157323 - Rural zone) is within the Myola zone.</p> <p>The Mareeba Shire Planning Scheme 2004 was adopted in 2004. At this time, Council made reconfiguring a lot applications within the Myola zone code assessable development. An officer assessment of the proposed development against the applicable planning scheme codes demonstrates that the proposed development can be reasonably conditioned to comply with the codes.</p> <p>In 2008, the FNQ Regional Plan and associated State Planning Regulatory Provisions were introduced. Despite Council's request</p>

			<p>to the contrary, the Myola zone was not included in the Rural Living Area. On 26 October 2012, the State repealed the Regulatory Provisions with the stated objective of:</p> <p><i>The removal of the SPRP will return decision-making power to local governments so they may determine if a development proposal is an appropriate outcome for their area.</i></p> <p>In respect of the land use categories:</p> <p><i>In the absence of the SPRP, the Urban Footprint, Rural Living Area and Regional Landscape and Rural Production Area are as defined in the regional plan mapping. Local governments are responsible for the interpretation of the boundary of these areas when preparing or amending their planning schemes or assessing development proposals.</i></p> <p>With the repeal of the SPRP, the Mareeba Shire Planning Scheme 2004 (Amendment No. 01/11) is the appropriate planning instrument to determine compliance with this particular land use policy.</p> <p>The development complies.</p>
4.6.2	<i>Future demand for rural residential housing is provided from within the existing stock of land zoned for this purpose.</i>	✓	Complies. See comments for 4.6.1 above.
4.6.3	<i>Construction of residential dwellings and ancillary structures within rural residential zoned land is confined to a building footprint which reduces the exposure to natural hazards and avoids and minimises the loss of native vegetation through locating structures in existing cleared areas and co-locating service corridors.</i>	✓	The proposed development has been designed to substantially fit within the existing cleared areas of the site. Minimal further clearing is likely as a consequence of the development.
4.6.4	<i>Rural residential subdivision along watercourses should be designed to minimise the impact of rural residential water use on current and future water resources.</i>	✓	The development will be conditioned to require all lots to be connected to the Kuranda reticulated water network.

**DRO 4.7 Mitigation of Hazards**

Land Use Policy		Complies	Comments
4.7.1	<i>Measures to mitigate potential adverse impacts of floods, storm tide inundation, bushfires, cyclones and landslides are implemented through identifying natural hazard management areas in planning schemes and appropriate planning scheme strategies and measures.</i>	✓	The subject site is not at significant risk from the adverse impacts of bushfire, landslide or flooding.

**DRO 5.4 Primary Industries**

Land Use Policy		Complies	Comments
5.4.2	<i>Threats to primary production from incompatible development are identified and managed through land use planning and where appropriate, by developer established buffers.</i>	✓	The animal husbandry - intensive use currently occurring on the subject site is the only significant primary production occurring in the locality.



DRO 6.1 Infrastructure, Planning & Coordination			
Land Use Policy		Complies	Comments
6.1.2	<i>Infrastructure is supplied in a coordinated, efficient and orderly way, and encourages urban development in areas where adequate infrastructure exists or can be provided efficiently.</i>	✓	The developer will be required to extend the existing infrastructure networks to service the proposed development.

DRO 6.3 Energy			
Land Use Policy		Complies	Comments
6.3.4	<i>Underground electricity is provided in new urban areas where appropriate.</i>	✓	The development will be conditioned to comply.

DRO 7.1 Protection of Waterways, Wetlands and Water Quality			
Land Use Policy		Complies	Comments
7.1.1	<i>Development is planned, designed, constructed and managed in accordance with best practice environmental management to protect environmental values and meet water quality objectives of the Environmental Protection Policy (Water) 1997 (EPP Water) for regional surface water, groundwater and wetlands.</i>	✓	The development will be conditioned to comply.  Buffers will be maintained to waterways and a Stormwater Analysis for the development will be required as a condition of approval.
7.1.3	<i>Urban development, other than for required community infrastructure is set back from wetlands through the adoption of appropriate buffer zones, to maintain water quality and ecological functions and services of wetlands.</i>		
7.1.4	<i>Urban development, other than for required community infrastructure, is set back from waterways through the adoption of appropriate buffer zones, to maintain water quality and ecological functions and services of waterways.</i>		
7.1.5	<i>In certain waterway areas urban development, other than for required community infrastructure, is set back from waterways through the adoption of appropriate waterway envelopes rather than by buffer zones, to maintain water quality and ecological functions and services of waterways.</i>		

DRO 8.1 Integrated Transport & Land Use Planning			
Land Use Policy		Complies	Comments
8.1.4	<i>Subdivisions are planned so the road and pathway network caters for walking and cycling in all directions, and efficient public</i>	✓	The development will comply.

	<i>transport coverage, where available, is facilitated.</i>		
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## (B) State Planning Policy

The most recent version of the Queensland State Planning Policy (SPP) is not reflected in the Mareeba Shire Planning Scheme 2004 and is therefore applicable to the assessment of the application.

An officer assessment of the proposed development against the relevant provisions contained within the SPP has been undertaken and the proposed development is not considered to be in conflict with any relevant aspect of the SPP.

The SPP separates the State interests into the following five (5) themes. The applicant's response to the relevant State interests are included for completeness. Additional Council Officer's comments are only provided where the applicant's response is insufficient.

### 1 Planning for liveable communities and housing.

- *Housing supply and diversity*
  - (2) *The development of residential land is facilitated to address and cater for all groups in the current and projected demographic, economic and social profile of the local government area, including households on low to moderate incomes.*

#### Applicant's Response

The proposed development provides for the delivery of additional residential lots within the greater Kuranda locality, supporting greater availability and diversity in housing supply.

- (3) *A diverse, affordable and comprehensive range of housing options in accessible and well-serviced locations, is facilitated through:*
  - (a) *appropriate, responsive and proactive zoning*
  - (b) *supporting an appropriate mix of lot sizes and dwelling types, including housing for seniors and people requiring assisted living*
  - (c) *considering incentives to promote affordable and social housing outcomes, particularly in areas in close proximity to services and amenities.*

#### Applicant's Response

The proposed development provides a variety of lot sizes and supports the provision of a range of housing options which complement, whilst further diversifying, the available housing options within the local area.

- *Liveable communities*
  - (1) *High quality urban design and place making outcomes are facilitated and promote:*
    - (a) *affordable living and sustainable and complete communities*
    - (b) *attractive, adaptable, accessible and inclusive built environments*
    - (c) *personal safety and security*
    - (d) *functional, accessible, legible and connected spaces*

- (e) *community identity through considering local features, character, needs and aspirations.*

Applicant's Response

The proposed development has been designed in a manner that is responsive to its local context and character. This is evident in the retention of areas of significance vegetation and other environmental features, allowing a sense of place and community to be developed. The proposed development provides a functional and legible road network.

- (2) *Vibrant places and spaces, and diverse communities that meet lifestyle needs are facilitated by:*
- (a) *good neighbourhood planning and centre design*
  - (b) *a mix of land uses that meet the diverse demographic, social, cultural, economic and lifestyle needs of the community*
  - (c) *consolidating urban development in and around existing settlements*
  - (d) *higher density development in accessible and well-serviced locations*
  - (e) *efficient use of established infrastructure and services*
  - (f) *supporting a range of formal and informal sporting, recreational and community activities.*

Applicant's Response

The proposed development supports the use of well located land proximate to the established centre of Kuranda for residential purposes. The proposal will maximise the efficient use of existing services and facilities in and around Kuranda. The proposed development provides for the further diversification of the type of residential development provided around Kuranda, whilst complementing the existing land uses on adjoining and nearby land.

- (3) *Development is designed to:*
- (a) *value and nurture local landscape character and the natural environment*
  - (b) *maintain or enhance important cultural landscapes and areas of high scenic amenity, including important views and vistas that contribute to natural and visual amenity*
  - (c) *maintain or enhance opportunities for public access and use of the natural environment.*

Applicant's Response

The proposed development has been designed to integrate into the natural environment to allow for the retention of areas of environmental significance such as waterway corridors, actual and potential Myola frog habitat and important vegetation. The proposed development, once fully complete, will provide a number of drainage reserves to allow for the retention of the natural environment. The proposed development allows greater access to these areas, with them potentially being suitable for active transport/recreational usage if deemed appropriate.

- (4) *Connected pedestrian, cycling and public transport infrastructure networks are facilitated and provided.*

Applicant's Response

The proposed development provides a legible and functional road network that supports the movement of cars, cyclists and pedestrians and is sufficient to accommodate the future delivery of public transport, if considered appropriate. The proposed development retains a number of important environmental corridors within the site that may be suitable for future use as active transport corridors.

- (5) *Community facilities and services, including education facilities (state and non-state providers), health facilities, emergency services, arts and cultural infrastructure, and sport, recreation and cultural facilities are well-located, cost-effective and multi-functional.*

Applicant's Response

The proposed development is well-located to maximise the efficient use of a range of community services currently provided in the Kuranda area.

- (6) *Connection to fibre-optic telecommunications infrastructure (e.g. broadband) is supported in greenfield areas.*

Council Officer's Response

The subject land is within the NBN fixed wireless service area.

**2 Planning for economic growth.**

- *Agriculture*

Not relevant.

- *Development and construction*

- (2) *Appropriate infrastructure required to support all land uses is planned for and provided.*

Applicant's Response

Appropriate infrastructure will be provided to service the proposed lots.

- (4) *An appropriate mix of lot sizes and configurations for residential, retail, commercial, mixed use and industrial development is provided for in response to the diverse needs of these uses and ancillary activities.*

Applicant's Response

The proposed development supports the provision of a range of residential lots which facilitate a further diversification of the offering of residential land within the local area.

- (6) *Land uses are consistent with the purpose of the zone.*

Council Officer's Response

The Mareeba Shire Planning Scheme 2004 was adopted in 2004. At this time, Council made reconfiguring a lot applications within the Myola zone code assessable development. An officer assessment of the proposed development against the applicable planning scheme codes demonstrates that the proposed development can be reasonably conditioned to comply with the codes.

- *Mining and extractive resources*

Not relevant.

- *Tourism*

- (2) *Existing and potential opportunities, localities or areas appropriate for tourism development are identified and protected.*

Applicant's Response

The proposed development is located proximate to the township of Kuranda, which supports a high level of locally, regionally and nationally significant tourist activity. The proposed development will increase the population within the immediate catchment of the Kuranda township, providing conditions that are conducive to the development of further services and infrastructure within Kuranda which may also serve tourists and tourism activities.

### **3 Planning for the environment and heritage.**

- *Biodiversity*

- (1) *Development is located in areas to avoid significant impacts on matters of national environmental significance and considers the requirements of the Environment Protection and Biodiversity Conservation Act 1999.*

Applicant's Response

The proposed development has been designed to protect areas of environmental significance including regulated vegetation, waterway corridors and actual and potential Myola frog habitat. Covenants are proposed over frog habitat areas to ensure they are protected.

The proposed development will be referred to the Commonwealth Department of the Environment and Energy in accordance with the requirements of the *Environment Protection and Biodiversity Conservation Act 1999*, for determination of whether the development involves a controlled action and therefore requires Commonwealth approval. The approval process under the EPBC Act is separate to the development approval process to which this development application relates. The potential need for a Commonwealth approval to be obtained, or at the least advice in relation to a controlled action, does not prevent the issuing of a development approval pursuant to the *Planning Act 2016*.

- (2) *Matters of state environmental significance are identified and development is located in areas that avoid adverse impacts; where adverse impacts cannot be reasonably avoided, they are minimised.*

Applicant's Response

The proposed development has been designed to protect areas of environmental significance including regulated vegetation, waterway corridors and actual and potential frog habitat. Covenants are proposed over frog habitat areas to ensure they are protected.

- (3) *Matters of local environmental significance are identified and development is located in areas that avoid adverse impacts; where adverse impacts cannot be reasonably avoided, they are minimised.*

Applicant's Response

The proposed development has been designed to protect areas of environmental significance including regulated vegetation, waterway corridors and actual and potential

frog habitat. Covenants are proposed over frog habitat areas to ensure they are protected.

- (4) *Ecological processes and connectivity is maintained or enhanced by avoiding fragmentation of matters of environmental significance.*

Applicant's Response

Key environmental corridors, such as along waterways, have been protected to ensure environmental connectivity is retained and ecological processes can continue. The proposed development involves the provision of large residential lots in a non-urban setting, which is conducive to the retention of further vegetation and the provision of extensive landscaping that may further enhance environmental connectivity in the area.

- *Coastal environment*

Not applicable.

- *Cultural heritage*

Council Officer's Response

The development will be required to comply with all legislative requirements.

- *Water quality*

Council Officer's Response

The development will be conditioned to comply.

**4 Planning for safety and resilience to hazards.**

- *Emissions and hazardous activities*

Not applicable.

- *Natural hazards, risk and resilience*

Council Officer's Response

The subject site is not at significant risk from the adverse impacts of bushfire, landslide, flooding, storm tide inundation and coastal erosion.

**5 Planning for infrastructure.**

- *Energy and water supply*

- (1) *Existing and approved future major electricity infrastructure locations and corridors (including easements and electricity substations), and bulk water supply infrastructure locations and corridors (including easements) are protected from development that would compromise the corridor integrity, and the efficient delivery and functioning of the infrastructure.*

Applicant's Response

The proposed development does not compromise the corridor integrity, or the efficient delivery and functioning of any existing or future energy or water supply infrastructure.

- (2) *Major electricity infrastructure and bulk water supply infrastructure such as pump stations, water quality facilities and electricity substations, are protected from encroachment by sensitive land uses where practicable.*

Applicant's Response

The proposed development is not located within the vicinity of major electricity infrastructure or bulk water supply infrastructure.

- *Infrastructure integration*
  - (2) *Development achieves a high level of integration with infrastructure planning to:*
    - (a) *promote the most efficient, effective and flexible use of existing and planned infrastructure*
    - (b) *realise multiple economic, social and environmental benefits from infrastructure investment*
    - (c) *ensure consideration of future infrastructure needed to support infill and greenfield growth areas*
    - (d) *optimise the location of future infrastructure within communities to provide greater access to facilities and services and enable productivity improvements.*

Applicant's Response

The proposed development is appropriately located and designed to maximise the use of existing infrastructure and provide efficiencies in the delivery of new infrastructure.

- (3) *Development occurs:*
  - (a) *in areas currently serviced by state and/or local infrastructure and associated services; or*
  - (b) *in a logical and orderly location, form and sequence to enable the cost effective delivery of state and local infrastructure to service development.*

Applicant's Response

The proposed development forms a logical extension of the existing greater Kuranda area, with adjoining and nearby land used for residential purposes of a variety of types, sizes and densities. Appropriate infrastructure connections, commensurate with the nature and scale of the development, are proposed to be provided.

Council Officer's Response

The Kuranda/Myola locality is serviced by the following significant infrastructure:

- Combined State Primary/High School
- Private School (Cairns Hinterland Steiner School)
- Kuranda Pool
- Kuranda Pet Resort
- Council water infrastructure extending to the Kuranda Pool/School
- State funded sewerage infrastructure extending along Myola/Oakforest Road to Kowrowa
- Several modern communications towers
- *Transport infrastructure*

- (1) *Transport infrastructure and existing and future transport corridors are reflected and supported through compatible land uses.*

Council Officer's Response

The proposed development represents 44 additional allotments which may upon their ultimate development each generate 10 vehicle movements per day. The development therefore equates to an additional 440 vehicle movements per day.

The Mareeba Shire Council LGIP supporting documents project a demand for 279 additional dwellings in Kuranda in the next 12 years. The 44 additional dwellings catered for by this development represents 16% of the projected dwelling demand for Kuranda.

The size of the proposed development is modest and is in keeping with the projected growth of Kuranda. Accordingly, it is not considered to be an incompatible land use.

- (2) *Development is located in areas currently serviced by transport infrastructure, and where this cannot be achieved, development is facilitated in a logical and orderly location, form and sequence to enable cost-effective delivery of new transport infrastructure to service development.*

Applicant's Response

The proposed development, through the provision of new local roads, provides a logical extension of the road network, stemming from Barnwell Road and Myola Road.

- (3) *Development achieves a high level of integration with transport infrastructure and supports public passenger transport and active transport as attractive alternatives to private transport.*

Applicant's Response

The proposed development is located proximate to the Kuranda township. It increases the population located to the west of the town in order to provide conditions that are conducive to the operation of public passenger transport services. The local road network is designed in a manner that allows direct and efficient connectivity to all lots and is also supportive of active transport. Key waterway corridors have been retained as drainage reserves within the proposed lot layout and may be suitable for future use as active transport corridors.

- (4) *Development is located and designed to mitigate adverse impacts on development from environmental emissions generated by transport infrastructure*

Applicant's Response

The proposed development is located proximate to the Kuranda township to reduce resident travel for key services.

- (5) *A road hierarchy is identified that reflects the role of each category of road and effectively manages all types of traffic.*

Applicant's Response

The proposed development establishes an appropriate network of local roads to service the proposed new lots and provide access to the major road network.

- (7) *The safety and efficiency of existing and future state transport infrastructure, corridors, and networks is not adversely affected by development.*



Council Officer's Response

The proposed development represents 44 additional allotments which may upon their ultimate development each generate 10 vehicle movements per day. The development therefore equates to an additional 440 vehicle movements per day.

The Mareeba Shire Council LGIP supporting population assumptions project a demand for 279 additional dwellings in Kuranda in the next 12 years. The 44 additional dwellings catered for by this development represents 16% of the projected dwelling demand for Kuranda.

The size of the proposed development is modest and is in keeping with the projected growth of Kuranda.

- *Strategic airports and aviation facilities*

The development complies.

- *Strategic ports*

Not applicable.

**(C) Mareeba Shire Planning Scheme 2004 (amendment no. 01/11)****Relevant Developments Codes**

The following Development Codes are considered to be applicable to the assessment of the application:

Part 4, Division 14	Rural Zone Code
Part 4, Division 22	Myola Zone Code
Part 5, Division 2	Natural and Cultural Heritage Features Overlay Code
Part 5, Division 8	Natural Disaster - Bushfire Overlay Code
Part 6, Division 12	Reconfiguring a Lot Code

The application included a planning report and assessment against the planning scheme. An officer assessment has found that the application satisfies the relevant acceptable solutions (or probable solutions/performance criteria where no acceptable solution applies) of the relevant codes set out below, provided reasonable and relevant conditions are attached to any approval.

Relevant Codes	Comments
Rural Zone Code	The application can be conditioned to comply with the code's relevant acceptable/probable solutions and/or specific outcome (where no acceptable/probable solution is provided).
Myola Zone Code	The application can be conditioned to comply with the code's relevant acceptable/probable solutions and/or specific outcome (where no acceptable/probable solution is provided).
Natural and Cultural Heritage Features Overlay Code	The application can be conditioned to comply with the code's relevant acceptable/probable solutions and/or specific outcome (where no acceptable/probable solution is provided).

Natural Disaster - Bushfire Overlay Code	The application can be conditioned to comply with the code's relevant acceptable/probable solutions and/or specific outcome (where no acceptable/probable solution is provided).
Reconfiguring a Lot Code	The application can be conditioned to comply with the code's relevant acceptable/probable solutions and/or specific outcome (where no acceptable/probable solution is provided).

#### (D) Planning Scheme Policies

The following planning scheme policies are relevant to the application:

##### No. 4 - Development Manual

All aspects of the development will be conditioned to require relevant development works to be designed and constructed in accordance with FNQROC Development Manual Standards.

#### (E) Adopted Infrastructure Charges Notice

In accordance with Council's Adopted Infrastructure Charges Resolution (No. 2) 2019, a charge of \$18,800.00 applies to each additional residential allotment created. A 20% deduction to the charge is applicable where the sewerage network is not available.

The applicable charge for this proposed development will be \$15,040.00 per additional residential lot.

The application proposes the creation of 44 additional residential lots. A credit of \$15,040.00 will be applied for each of the 5 existing lots.

$\$15,040.00 \times 44 \text{ (lots)} = \underline{\underline{\$661,760.00}}$

#### REFERRALS

The application triggered referral to the Department of State Development, Manufacturing, Infrastructure and Planning for a *development application for a reconfiguring a lot which involves operational work for the clearing of native vegetation*.

That Department advised in a letter dated 27 September 2019 that they require the conditions to be attached to any approval (**Attachment 2**).

#### Third Party Advice

The application was referred to the Department of State Development, Manufacturing, Infrastructure and Planning (SARA) for Third Party Advice.

Due to a change in the Department's internal policy, no third party advice was provided to Council.

#### Internal Consultation

Technical Services

**PLANNING DISCUSSION**

Compliance with the relevant specific outcomes contained within the relevant development codes are summarised below. Where the development does not comply with an acceptable solution/probable solution, compliance with the higher order specific outcome can be achieved.

***Myola Zone Code******4.126 Reconfiguring a Lot***

*For Myola Precinct A:*

**S1** *Each new lot intended for residential use has adequate area to allow for:*

- (i) a dwelling house and ancillary buildings and structures to be erected in a location that is convenient and, as far as practicable, avoids placing people and works at risk from flooding or other hazard; and*
- (ii) protection of ridgelines and waterways as identified on Map N1, and*
- (iii) minimal clearing of vegetation; and*
- (iv) reasonable vehicular access for a car from the road to the dwelling site.*

**PS1.2** *If the site:*

- (a) is located within Category B vegetation area as identified on Significant Vegetation Overlay Map V1; or*
  - (b) includes ridgelines, waterways or scenic areas as identified on Map N1; and*
  - (c) has a gradient greater than 15%; and*
- each new lot intended for residential use, has the following:*
- (i) a minimum area of 4,000m<sup>2</sup>; and*
  - (ii) a minimum frontage of 50m.*

**Comment**

PS1.2 - Each lot will have an area in excess of 4,000m<sup>2</sup>, however, some lots will have frontages less than 50 metres. Proposed Lots 32, 33 and 43 will have frontages significantly less than 50 metres.

Despite having frontages of less than 50 metres, in all cases the lesser frontages provided will not impact on the provision of safe and convenient access for any future dwelling house. As such, the development complies with S1 (iv).

**S2** *Each new lot is capable of being connected to the following:*

- (i) reticulated water supply;*
- (ii) reticulated sewerage infrastructure;*
- (iii) urban drainage system;*
- (iv) underground power supply; and telecommunications.*

**Comment**

Will be conditioned to comply where relevant.

Connecting all residential lots to Council's reticulated water supply is considered reasonable given the uncertainties experienced with ground water supplies. All recent 4,000m<sup>2</sup> lot residential development Shire wide have been required to provide reticulated water supply.

While the lots are capable of being connected to reticulated sewerage infrastructure, all lots are large enough to accommodate on-site wastewater disposal which is preferred in this instance.

*For Myola Precinct C:*

**S1** *Each new lot intended for residential use has adequate area to allow for:*

- (i) a dwelling house and ancillary buildings and structures to be erected in a location that is convenient and, as far as practicable, avoids placing people and works at risk from flooding or other hazard; and*
- (ii) protection of ridgelines and waterways as identified on Map N1, and*
- (iii) minimal clearing of vegetation; and*
- (iv) reasonable vehicular access for a car from the road to the dwelling site.*

**PS1.2** *If the site:*

- (a) is located within Category B vegetation area as identified on Significant Vegetation Overlay Map V1; or*
  - (b) includes ridgelines, waterways or scenic areas as identified on Map N1; and*
  - (c) has a gradient greater than 15%; and*
- each new lot intended for residential use, has the following:*
- (i) a minimum area of 4,000m<sup>2</sup> to 2 hectares with an average of 8000 m<sup>2</sup>; and*
  - (ii) a minimum frontage of 50m.*

#### Comment

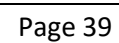
PS1.2 - Each lot will achieve an area in excess of 4,000m<sup>2</sup>, with an average lot size greater than 8,000m<sup>2</sup>. However, proposed Lots 17 and 18 may have frontages less than 50 metres.

Each proposed lot will have adequate usable space for the convenient erection of a dwelling house and outbuildings outside any mapped flood hazard area.

No significant further clearing will occur on any mapped ridgeline. Some minor clearing is necessary to construct proposed Roads A and B, provide access to proposed Lot 43 and to provide a building site on proposed Lots 6 & 7.

The lesser frontages for Lots 17 and 18 will not impact on the provision of safe and convenient access for any future dwelling house on either lot.

The development complies with all relevant aspects of S1



RA6-N



Department of  
**State Development,  
Manufacturing,  
Infrastructure and Planning**

SARA reference: 1802-4193 SRA  
Council reference: RAL/18/0002  
Applicant reference: HRP16299/003

27 September 2019

Chief Executive Officer  
Mareeba Shire Council  
PO Box 154  
MAREEBA QLD 4880  
planning@msc.qld.gov.au

Attention: Brian Millard

Dear Mr. Millard

## SARA response—301 Boyles Road, Kuranda QLD 4881

(Referral agency response given under section 56 of the *Planning Act 2016*)

The development application described below was confirmed as properly referred by the Department of State Development, Manufacturing, Infrastructure and Planning on 18 June 2018.

### Response

Outcome:	Referral agency response – with conditions
Date of response:	27 September 2019
Conditions:	The conditions in <b>Attachment 1</b> must be attached to any development approval.
Advice:	Advice to the applicant is in <b>Attachment 2</b> .
Reasons:	The reasons for the referral agency response are in <b>Attachment 3</b> .

### Development details

Description:	Development permit	Reconfiguring a lot for 5 Lots into 49 lots
SARA role:	Referral Agency	
SARA trigger:	Schedule 10, Part 3, Division 4, Table 2, Item 1 (Planning Regulation 2017)	

Development application for a reconfiguring a lot which involves operational work for the clearing of native vegetation

DA Advisory Team (DAAT)  
Level 13, 1 William Street  
BRISBANE QLD 4000  
PO Box 15009 CITY EAST QLD 4002

Page 1 of 7

1802-4193 SRA

SARA reference: 1802-4193 SRA  
Assessment Manager: Mareeba Shire Council  
Street address: 301 Boyles Road, Kuranda QLD 4881  
Real property description: Lots 17, 18 and 19 on SP296830, Lot 22 on SP296830 (now described as Lot 22 SP304952) and Lot 20 on N157423  
Applicant name: Reeve and Ocean Pty Ltd  
Applicant contact details: c/- Wild Plan Pty Ltd  
PO Box 8028  
CAIRNS QLD 4870  
dominic@wildplan.com.au

## Representations

An applicant may make representations to a concurrence agency, at any time before the application is decided, about changing a matter in the referral agency response (s.30 Development Assessment Rules) Copies of the relevant provisions are in **Attachment 4**.

A copy of this response has been sent to the applicant for their information.

For further information please contact Duncan Livingstone, Principal Planner, on 3452 7180 or via email DAAT@dsmip.qld.gov.au who will be pleased to assist.

Yours sincerely



Kate Wall  
Acting Executive Director

cc Reeve and Ocean Pty Ltd, c/- Wild Plan Pty Ltd dominic@wildplan.com.au

enc Attachment 1 - Referral agency conditions  
Attachment 2 - Advice to the applicant  
Attachment 3 - Reasons for referral agency response  
Attachment 4 - Representations provisions  
Attachment 5 - Approved plans and specifications

1802-4193 SRA

**Attachment 1—Referral agency conditions**

(Under section 56(1)(b)(i) of the *Planning Act 2016* the following conditions must be attached to any development approval relating to this application) (Copies of the plans and specifications referenced below are found at Attachment 5)

No.	Conditions	Condition timing
<b>Reconfiguring a lot which involves operational work for the clearing of native vegetation</b>		
Clearing native vegetation - The chief executive administering the <i>Planning Act 2016</i> nominates the Director-General of the Department of Natural Resources and Mines to be the enforcement authority for the development to which this development approval relates for the administration and enforcement of any matter relating to the following conditions:		
1.	No clearing of vegetation is to occur within areas identified as: a) Area A (Parts A <sup>1</sup> -A <sup>6</sup> ) as shown on the attached Technical Agency Response (Vegetation) Plan, reference, TARP 1802-4193 SRA, Sheets 1 – 4, Date 10 <sup>th</sup> September 2019 b) Derived coordinate points for GPS listed in Attachment to Technical Agency Response (Vegetation) Plan, reference, TARP 1802-4193 SRA, Sheets 1 – 4, Date 10 <sup>th</sup> September 2019.	At all times
2.	No built structure, other than for fences, roads and underground services is to be established, constructed or located within areas identified as Area B (Parts B <sup>1</sup> -B <sup>5</sup> ) as shown on attached TARP 1802-4193 SRA dated 10 September 2019.	At all times
3.	Any person(s) engaged or employed to carry out the clearing of vegetation under this development approval must be provided with a full copy of this development approval, and must be made aware of the full extent of clearing authorised by this development approval.	Prior to clearing



1802-4193 SRA

**Attachment 2—Advice to the applicant**

<b>General advice</b>	
1.	Terms and phrases used in this document are defined in the <i>Planning Act 2016</i> its regulation or the State Development Assessment Provisions (SDAP) [v2.1]. If a word remains undefined it has its ordinary meaning.
<b>Category C and Category R Areas</b>	
3.	Please note, clearing vegetation to the extent the clearing is in any category C areas or category R areas is not for a relevant purpose under the <i>Vegetation Management Act 1999</i> . Accordingly clearing of vegetation in these areas cannot be approved under a development approval. If your proposed development includes clearing vegetation in any category C areas or category R areas you should ensure this clearing can be undertaken as exempt clearing work or in accordance with an Accepted Development Vegetation Clearing Code (ADVCC). Clearing vegetation in any category C areas or category R areas that is not exempt or in accordance with an ADVCC is prohibited development. Information on exempt clearing work or ADVCCs is available online at <a href="http://www.qld.gov.au">www.qld.gov.au</a> (search 'exempt clearing work' or 'accepted development vegetation clearing codes').
<b>Digital Data</b>	
4.	To request an electronic file of the Derived Points (Attached to Plan: 1802-4193 SRA) as contained in this response, email a request to the Department of Natural Resources, Mines and Energy (DNRME) at <a href="mailto:northvegetation@dnrme.qld.gov.au">northvegetation@dnrme.qld.gov.au</a> and include application reference (1802-4193 SRA).

1802-4193 SRA

**Attachment 3—Reasons for referral agency response**

(Given under section 56(7) of the *Planning Act 2016*)

**The reasons for the department's decision are:**

- The proposal complies with *State code 16: Native vegetation clearing*.
- The proposal mitigates the impacts associated with vegetation clearing.

**Material used in the assessment of the application:**

- The development application material and submitted plans
- *Planning Act 2016*
- Planning Regulation 2017
- The *State Development Assessment Provisions* (version [2.1]), as published by the department
- The Development Assessment Rules
- SARA DA Mapping system
- State Planning Policy mapping system

1802-4193 SRA

#### **Attachment 4—Change representation provisions**

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1802-4193 SRA

### **Attachment 5—Approved plans and specifications**

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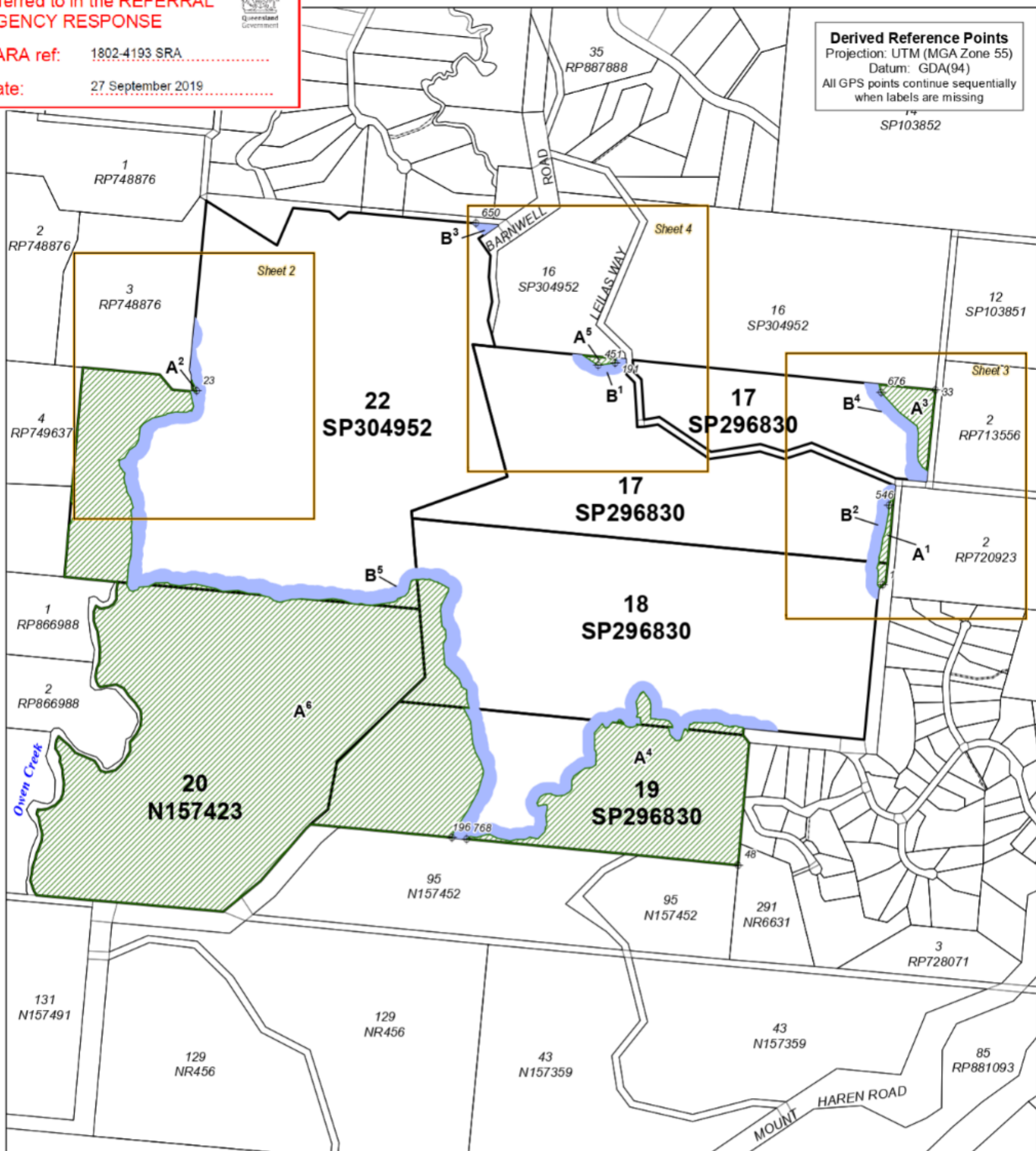
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**PLANS AND DOCUMENTS  
referred to in the REFERRAL  
AGENCY RESPONSE**



**SARA ref:** 1802-4193 SRA

**Date:** 27 September 2019



**Derived Reference Points**  
Projection: UTM (MGA Zone 55)  
Datum: GDA(94)  
All GPS points continue sequentially  
when labels are missing

1:11000 @ A3 size  
0 125 250 500 750 m

**Projection: UTM (MGA Zone 55) Datum: GDA94**

Note: Derived Reference Points are provided to assist in the location of the Technical Agency Response boundaries. Responsibility for locating these boundaries lies solely with the landholder and delegated contractor(s).

*The property boundaries shown on this plan are APPROXIMATE ONLY. They are NOT an accurate representation of the legal boundaries.*

LEGEND		
◆	Derived Reference Points for GPS (see Attachment to plan) (Area start points shown only)	
□	Subject Lot(s)	
▨	Area A (Parts A <sup>1</sup> - A <sup>6</sup> )	
■	Area B (Parts B <sup>1</sup> - B <sup>5</sup> )	
Note: This is a colour plan and should only be reproduced in colour.		
Technical Agency Response (Vegetation) Plan		
eLVAS. 2018/004234		
CENTRE: MAREEBA LOCALITY OF KURANDA		REGION: NORTH LOCAL GOVT: MAREEBA SHIRE
		Date: 10th September 2019
		reference, TARP 1802-4193 SRA Sheet 1 of 4



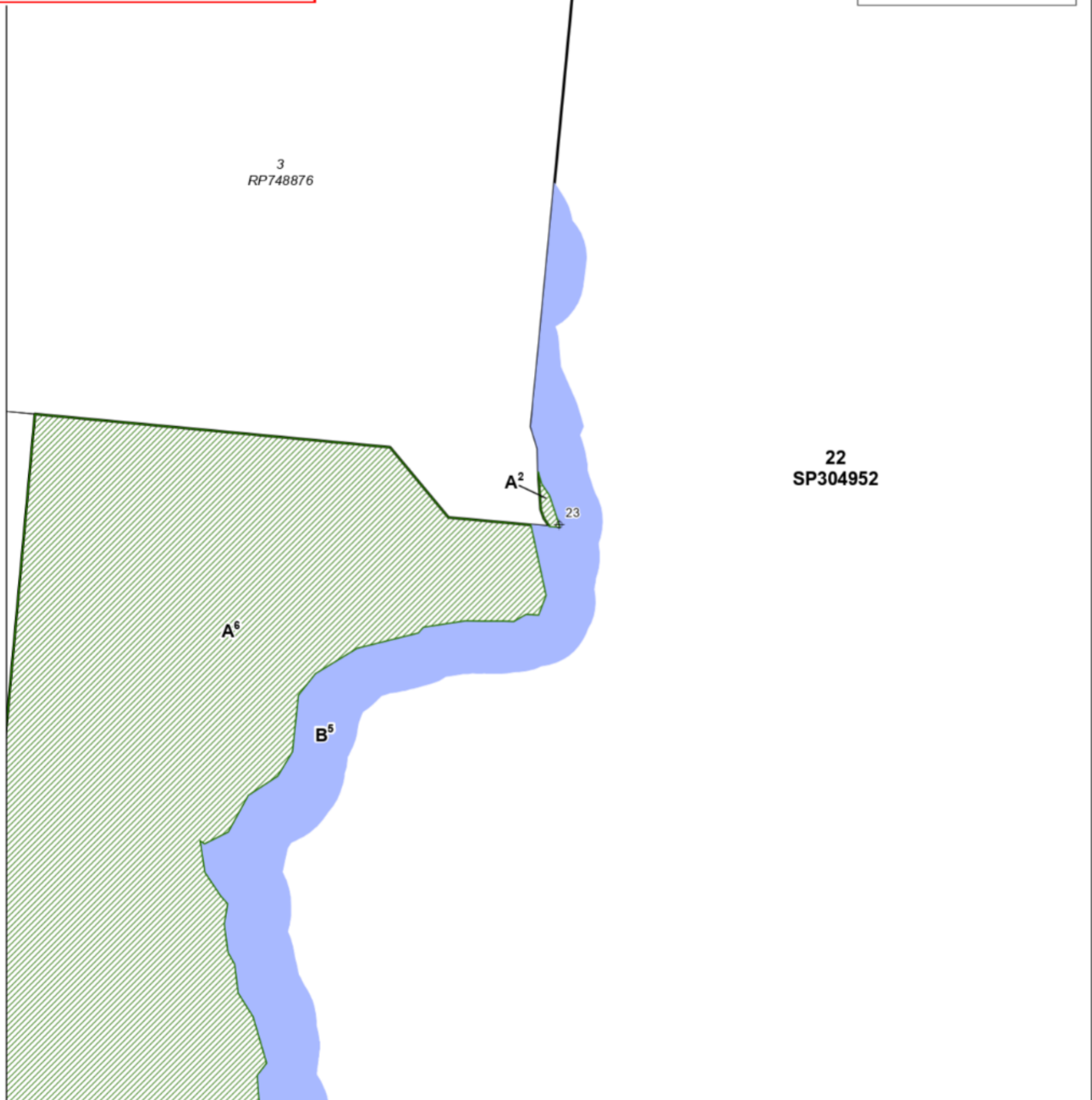


**PLANS AND DOCUMENTS  
referred to in the REFERRAL  
AGENCY RESPONSE**



**SARA ref:** 1802-4193 SRA  
**Date:** 27 September 2019


**Derived Reference Points**  
Projection: UTM (MGA Zone 55)  
Datum: GDA(94)  
All GPS points continue sequentially  
when labels are missing



1:2500 @ A3 size  
0 25 50 100 150 200 250 m  
Projection: UTM (MGA Zone 55) Datum: GDA94

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<div>LEGEND</div> <div><div><div>◆</div><div>Derived Reference Points for GPS <i>(see Attachment to plan)</i> <i>(Area start points shown only)</i></div></div><div><div><div></div></div><div>Subject Lot(s)</div></div><div><div><div></div></div><div>Area A (Parts A<sup>1</sup> - A<sup>6</sup>)</div></div><div><div><div></div></div><div>Area B (Parts B<sup>1</sup> - B<sup>5</sup>)</div></div></div> <div>Note: This is a colour plan and should only be reproduced in colour.</div>	<div>Technical Agency Response (Vegetation) Plan</div> <div><div></div><div>eLVAS. 2018/004234</div></div>	<div><div><div><div></div><div>N</div></div><div><div>Queensland Government</div></div></div></div>
	<div><div>CENTRE: MAREEBA LOCALITY OF KURANDA</div><div>REGION: NORTH LOCAL GOVT: MAREEBA SHIRE</div></div>	<div>reference, TARP 1802-4193 SRA Sheet 2 of 4</div>
	<div><div></div><div></div></div>	

**PLANS AND DOCUMENTS  
referred to in the REFERRAL  
AGENCY RESPONSE**



**SARA ref:** 1802-4193 SRA



**Date:** 27 September 2019



1:2500 @ A3 size  
0 25 50 100 150 200 250 m  
**Projection: UTM (MGA Zone 55) Datum: GDA94**

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<p><b>LEGEND</b></p> <ul style="list-style-type: none"> <li>Derived Reference Points for GPS (see Attachment to plan) (Area start points shown only)</li> <li>Subject Lot(s)</li> <li>Area A (Parts A<sup>1</sup> - A<sup>6</sup>)</li> <li>Area B (Parts B<sup>1</sup> - B<sup>6</sup>)</li> </ul> <p>Note: This is a colour plan and should only be reproduced in colour.</p>	<p><b>Technical Agency Response (Vegetation) Plan</b></p> <p>eLVAS. 2018/004234</p> <p><b>CENTRE: MAREEBA</b> <b>LOCALITY OF KURANDA</b></p> <p><b>REGION: NORTH</b> <b>LOCAL GOVT: MAREEBA SHIRE</b></p> <p>Date: 10<sup>th</sup> September 2019</p>	<p> <b>N</b></p> <p></p> <p><b>reference, TARP 1802-4193 SRA Sheet 3 of 4</b></p>
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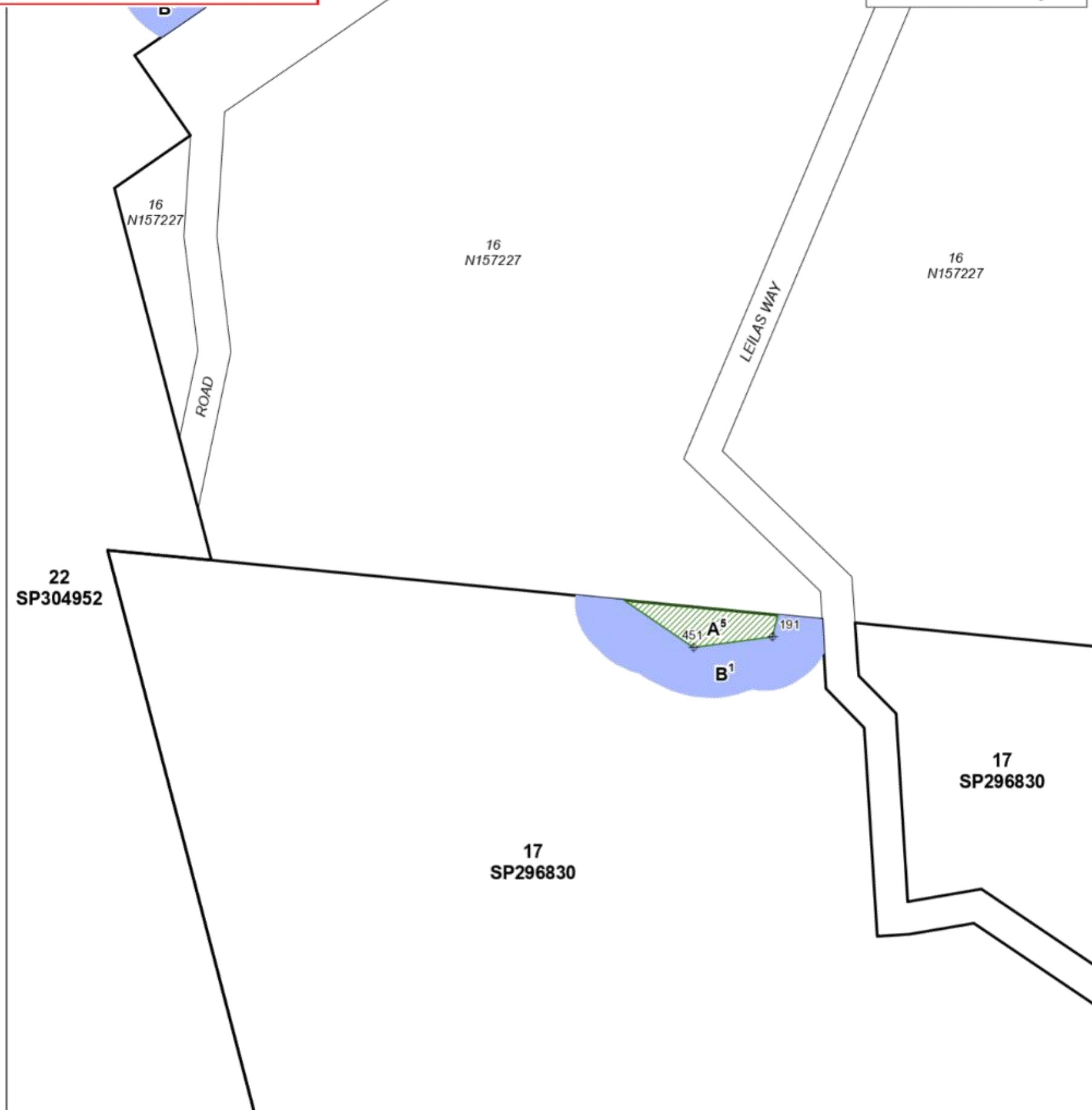
**PLANS AND DOCUMENTS  
referred to in the REFERRAL  
AGENCY RESPONSE**



**SARA ref:** 1802-4193 SRA

**Date:** 27 September 2019


**Derived Reference Points**  
Projection: UTM (MGA Zone 55)  
Datum: GDA(94)  
All GPS points continue sequentially  
when labels are missing



1:2500 @ A3 size  
0 25 50 100 150 200 250 m  
**Projection: UTM (MGA Zone 55) Datum: GDA94**

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<div>LEGEND</div> <div><div><div>✦</div><div>Derived Reference Points for GPS (see Attachment to plan) (Area start points shown only)</div></div><div><div><div></div></div><div>Subject Lot(s)</div></div><div><div><div></div></div><div>Area A (Parts A<sup>1</sup> - A<sup>6</sup>)</div></div><div><div><div></div></div><div>Area B (Parts B<sup>1</sup> - B<sup>5</sup>)</div></div></div> <div>Note: This is a colour plan and should only be reproduced in colour.</div>	<div>Technical Agency Response (Vegetation) Plan</div> <div><div></div><div>eLVAS. 2018/004234</div></div> <div><div><div>CENTRE: MAREEBA LOCALITY OF KURANDA</div><div>REGION: NORTH LOCAL GOVT: MAREEBA SHIRE</div></div><div><div></div><div>Date: 10<sup>th</sup> September 2019</div></div></div>	<div><div><div><div></div><div>N</div></div><div><div><div>Queensland Government</div></div></div></div><div><div>reference, TARP 1802-4193 SRA Sheet 4 of 4</div></div></div>
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**Attachment to Technical Agency Response (Vegetation) Plan, reference, TARP 1802-4193 SRA,  
Sheets 1 - 4  
Derived Reference Points for GPS  
Datum: GDA 1994, Projection: MGA Zone 55**

Notes: Derived Reference Points are provided to assist in the location of area boundaries.  
Responsibility for locating these boundaries lies solely with the landholder and delegated contractor(s).  
Coordinates start at a point indicated on the accompanying plan and proceed in a clockwise direction.

**PLANS AND DOCUMENTS  
referred to in the REFERRAL  
AGENCY RESPONSE**



SARA ref: 1802-4193 SRA  
Date: 27 September 2019

Part ID	Unique ID	Easting	Northing	Part ID	Unique ID	Easting	Northing	Part ID	Unique ID	Easting	Northing
A1	1	352343	8139362	A4	61	351266	8138623	A4	121	351594	8138960
A1	2	352334	8139355	A4	62	351274	8138624	A4	122	351606	8138952
A1	3	352328	8139364	A4	63	351285	8138627	A4	123	351621	8138951
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A1	6	352326	8139411	A4	66	351311	8138627	A4	126	351632	8138957
A1	7	352331	8139427	A4	67	351312	8138628	A4	127	351632	8138960
A1	8	352332	8139430	A4	68	351313	8138628	A4	128	351645	8138959
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A3	41	352446	8139802	A4	101	351515	8138878	A4	161	351800	8138964
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A4	60	351229	8138631	A4	120	351584	8138961	A4	180	351919	8138955

**Attachment to Technical Agency Response (Vegetation) Plan, reference, TARP 1802-4193 SRA,  
Sheets 1 - 4  
Derived Reference Points for GPS  
Datum: GDA 1994, Projection: MGA Zone 55**

**PLANS AND DOCUMENTS  
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AGENCY RESPONSE**



**SARA ref:** 1802-4193 SRA.....  
**Date:** 27 September 2019.....

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Part ID	Unique ID	Easting	Northing	Part ID	Unique ID	Easting	Northing	Part ID	Unique ID	Easting	Northing
A4	181	351920	8138954	A6	241	349992	8138899	A6	301	350339	8139867
A4	182	351926	8138952	A6	242	350011	8138878	A6	302	350334	8139863
A4	183	351940	8138950	A6	243	350036	8138867	A6	303	350332	8139862
A4	184	351941	8138950	A6	244	350065	8138855	A6	304	350326	8139862
A4	185	351939	8138929	A6	245	350075	8138840	A6	305	350312	8139862
A4	186	351957	8138906	A6	246	350083	8138826	A6	306	350301	8139863
A4	187	351943	8138749	A6	247	350098	8138820	A6	307	350275	8139858
A4	188	351940	8138719	A6	248	350127	8138827	A6	308	350272	8139855
A4	189	351930	8138614	A6	249	350139	8138839	A6	309	350234	8139845
A4	190	351925	8138552	A6	250	350154	8138855	A6	310	350208	8139830
A5	191	351569	8140004	A6	251	350169	8138883	A6	311	350197	8139816
A5	192	351520	8139998	A6	252	350168	8138908	A6	312	350193	8139781
A5	193	351477	8140027	A6	253	350189	8138934	A6	313	350193	8139780
A5	194	351572	8140018	A6	254	350199	8138954	A6	314	350184	8139766
A5	195	351569	8140004	A6	255	350201	8138975	A6	315	350166	8139753
A6	196	351099	8138632	A6	256	350200	8138998	A6	316	350153	8139731
A6	197	350773	8138663	A6	257	350183	8139022	A6	317	350148	8139728
A6	198	350750	8138665	A6	258	350165	8139042	A6	318	350138	8139723
A6	199	350690	8138671	A6	259	350151	8139063	A6	319	350136	8139725
A6	200	350677	8138659	A6	260	350129	8139075	A6	320	350139	8139705
A6	201	350545	8138506	A6	261	350092	8139070	A6	321	350148	8139691
A6	202	350490	8138461	A6	262	350082	8139068	A6	322	350153	8139686
A6	203	350438	8138418	A6	263	350076	8139073	A6	323	350151	8139677
A6	204	350131	8138445	A6	264	350071	8139085	A6	324	350151	8139673
A6	205	350061	8138451	A6	265	350069	8139098	A6	325	350153	8139655
A6	206	349898	8138465	A6	266	350073	8139124	A6	326	350157	8139648
A6	207	349894	8138472	A6	267	350079	8139139	A6	327	350159	8139630
A6	208	349892	8138477	A6	268	350081	8139153	A6	328	350169	8139615
A6	209	349886	8138489	A6	269	350082	8139178	A6	329	350177	8139586
A6	210	349880	8138509	A6	270	350074	8139230	A6	330	350171	8139579
A6	211	349884	8138526	A6	271	350067	8139245	A6	331	350174	8139548
A6	212	349885	8138545	A6	272	350064	8139259	A6	332	350174	8139547
A6	213	349894	8138570	A6	273	350064	8139287	A6	333	350171	8139529
A6	214	349899	8138588	A6	274	350071	8139302	A6	334	350174	8139507
A6	215	349908	8138608	A6	275	350084	8139293	A6	335	350171	8139447
A6	216	349913	8138625	A6	276	350107	8139298	A6	336	350163	8139418
A6	217	349914	8138643	A6	277	350120	8139307	A6	337	350159	8139369
A6	218	349910	8138661	A6	278	350129	8139321	A6	338	350159	8139363
A6	219	349907	8138679	A6	279	350129	8139348	A6	339	350164	8139352
A6	220	349905	8138690	A6	280	350133	8139371	A6	340	350166	8139347
A6	221	349899	8138701	A6	281	350125	8139372	A6	341	350174	8139344
A6	222	349902	8138713	A6	282	350113	8139373	A6	342	350188	8139348
A6	223	349912	8138712	A6	283	349979	8139386	A6	343	350191	8139349
A6	224	349930	8138716	A6	284	349990	8139512	A6	344	350195	8139357
A6	225	349953	8138726	A6	285	349992	8139534	A6	345	350223	8139358
A6	226	349968	8138743	A6	286	349995	8139538	A6	346	350231	8139363
A6	227	349974	8138758	A6	287	350001	8139554	A6	347	350242	8139369
A6	228	349977	8138788	A6	288	350007	8139561	A6	348	350260	8139369
A6	229	349974	8138810	A6	289	350005	8139593	A6	349	350277	8139369
A6	230	349974	8138821	A6	290	349998	8139607	A6	350	350285	8139364
A6	231	349973	8138829	A6	291	350001	8139642	A6	351	350311	8139360
A6	232	349969	8138841	A6	292	350001	8139648	A6	352	350326	8139362
A6	233	349966	8138851	A6	293	350002	8139653	A6	353	350356	8139365
A6	234	349967	8138865	A6	294	350033	8139992	A6	354	350360	8139364
A6	235	349959	8138881	A6	295	350254	8139971	A6	355	350389	8139358
A6	236	349953	8138889	A6	296	350291	8139927	A6	356	350415	8139353
A6	237	349954	8138902	A6	297	350342	8139923	A6	357	350434	8139345
A6	238	349956	8138914	A6	298	350342	8139922	A6	358	350435	8139344
A6	239	349962	8138925	A6	299	350352	8139878	A6	359	350436	8139345
A6	240	349974	8138914	A6	300	350347	8139866	A6	360	350436	8139345

**Attachment to Technical Agency Response (Vegetation) Plan, reference, TARP 1802-4193 SRA,  
Sheets 1 - 4  
Derived Reference Points for GPS  
Datum: GDA 1994, Projection: MGA Zone 55**

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Part ID	Unique ID	Easting	Northing	Part ID	Unique ID	Easting	Northing	Part ID	Unique ID	Easting	Northing
A6	361	350453	8139345	A6	421	351088	8139344	B1	481	351559	8139972
A6	362	350480	8139347	A6	422	351068	8139306	B1	482	351557	8139972
A6	363	350480	8139347	A6	423	351065	8139292	B1	483	351552	8139971
A6	364	350510	8139338	A6	424	351069	8139244	B1	484	351552	8139970
A6	365	350541	8139337	A6	425	351079	8139234	B1	485	351551	8139970
A6	366	350546	8139335	A6	426	351081	8139209	B1	486	351549	8139969
A6	367	350546	8139335	A6	427	351073	8139192	B1	487	351547	8139969
A6	368	350547	8139334	A6	428	351076	8139157	B1	488	351547	8139969
A6	369	350553	8139331	A6	429	351076	8139156	B1	489	351547	8139969
A6	370	350570	8139328	A6	430	351076	8139156	B1	490	351544	8139968
A6	371	350585	8139317	A6	431	351078	8139131	B1	491	351543	8139968
A6	372	350601	8139312	A6	432	351119	8139091	B1	492	351539	8139967
A6	373	350612	8139315	A6	433	351125	8139073	B1	493	351538	8139967
A6	374	350635	8139321	A6	434	351125	8139069	B1	494	351534	8139967
A6	375	350649	8139321	A6	435	351140	8139059	B1	495	351530	8139967
A6	376	350649	8139321	A6	436	351142	8139028	B1	496	351522	8139967
A6	377	350656	8139321	A6	437	351148	8139006	B1	497	351519	8139968
A6	378	350665	8139323	A6	438	351133	8139008	B1	498	351517	8139968
A6	379	350672	8139322	A6	439	351135	8139001	B1	499	351510	8139970
A6	380	350713	8139319	A6	440	351152	8138968	B1	500	351507	8139971
A6	381	350716	8139319	A6	441	351158	8138904	B1	501	351504	8139972
A6	382	350716	8139319	A6	442	351167	8138877	B1	502	351493	8139978
A6	383	350724	8139320	A6	443	351181	8138852	B1	503	351490	8139979
A6	384	350752	8139323	A6	444	351189	8138825	B1	504	351487	8139981
A6	385	350756	8139322	A6	445	351189	8138815	B1	505	351487	8139982
A6	386	350781	8139319	A6	446	351173	8138766	B1	506	351487	8139982
A6	387	350805	8139311	A6	447	351145	8138711	B1	507	351487	8139982
A6	388	350805	8139311	A6	448	351103	8138647	B1	508	351483	8139983
A6	389	350812	8139309	A6	449	351099	8138632	B1	509	351482	8139983
A6	390	350826	8139307	A6	450	351099	8138632	B1	510	351482	8139983
A6	391	350833	8139308	B1	451	351520	8139998	B1	511	351482	8139983
A6	392	350833	8139308	B1	452	351569	8140004	B1	512	351477	8139985
A6	393	350835	8139309	B1	453	351572	8140018	B1	513	351473	8139987
A6	394	350836	8139309	B1	454	351600	8140015	B1	514	351468	8139990
A6	395	350838	8139308	B1	455	351601	8139995	B1	515	351465	8139993
A6	396	350840	8139308	B1	456	351601	8139994	B1	516	351464	8139994
A6	397	350840	8139308	B1	457	351598	8139990	B1	517	351464	8139994
A6	398	350849	8139305	B1	458	351596	8139987	B1	518	351464	8139994
A6	399	350870	8139304	B1	459	351593	8139983	B1	519	351458	8140000
A6	400	350872	8139305	B1	460	351589	8139981	B1	520	351455	8140004
A6	401	350872	8139305	B1	461	351585	8139978	B1	521	351455	8140004
A6	402	350876	8139305	B1	462	351581	8139975	B1	522	351454	8140004
A6	403	350931	8139313	B1	463	351581	8139975	B1	523	351454	8140005
A6	404	350940	8139318	B1	464	351581	8139975	B1	524	351452	8140008
A6	405	350942	8139322	B1	465	351579	8139974	B1	525	351452	8140008
A6	406	350964	8139331	B1	466	351576	8139973	B1	526	351452	8140008
A6	407	350973	8139342	B1	467	351576	8139973	B1	527	351451	8140010
A6	408	350980	8139374	B1	468	351576	8139973	B1	528	351450	8140013
A6	409	350984	8139377	B1	469	351574	8139973	B1	529	351450	8140013
A6	410	350997	8139379	B1	470	351571	8139972	B1	530	351449	8140013
A6	411	350998	8139376	B1	471	351571	8139972	B1	531	351449	8140015
A6	412	350999	8139378	B1	472	351571	8139972	B1	532	351448	8140018
A6	413	351014	8139380	B1	473	351569	8139972	B1	533	351448	8140018
A6	414	351028	8139377	B1	474	351566	8139971	B1	534	351448	8140018
A6	415	351032	8139380	B1	475	351566	8139971	B1	535	351448	8140020
A6	416	351049	8139372	B1	476	351566	8139971	B1	536	351447	8140023
A6	417	351059	8139370	B1	477	351564	8139971	B1	537	351447	8140023
A6	418	351059	8139368	B1	478	351561	8139971	B1	538	351447	8140024
A6	419	351063	8139367	B1	479	351561	8139971	B1	539	351447	8140025
A6	420	351088	8139354	B1	480	351560	8139971	B1	540	351447	8140028



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Sheets 1 - 4  
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Part ID	Unique ID	Easting	Northing	Part ID	Unique ID	Easting	Northing	Part ID	Unique ID	Easting	Northing
B1	541	351447	8140028	B2	601	352306	8139476	B3	661	351173	8140391
B1	542	351447	8140029	B2	602	352306	8139476	B3	662	351172	8140392
B1	543	351448	8140030	B2	603	352307	8139482	B3	663	351172	8140392
B1	544	351477	8140027	B2	604	352308	8139489	B3	664	351168	8140396
B1	545	351520	8139998	B2	605	352308	8139489	B3	665	351168	8140397
B2	546	352360	8139592	B2	606	352309	8139495	B3	666	351167	8140398
B2	547	352360	8139572	B2	607	352310	8139502	B3	667	351165	8140400
B2	548	352352	8139527	B2	608	352311	8139505	B3	668	351164	8140401
B2	549	352350	8139516	B2	609	352312	8139507	B3	669	351163	8140402
B2	550	352344	8139499	B2	610	352317	8139522	B3	670	351161	8140404
B2	551	352338	8139461	B2	611	352318	8139525	B3	671	351160	8140405
B2	552	352332	8139444	B2	612	352318	8139529	B3	672	351160	8140405
B2	553	352332	8139436	B2	613	352319	8139530	B3	673	351159	8140407
B2	554	352332	8139430	B2	614	352320	8139535	B3	674	351158	8140409
B2	555	352331	8139427	B2	615	352321	8139546	B3	675	351166	8140408
B2	556	352326	8139411	B2	616	352322	8139547	B4	676	352338	8139920
B2	557	352328	8139409	B2	617	352323	8139552	B4	677	352391	8139862
B2	558	352330	8139396	B2	618	352323	8139557	B4	678	352442	8139822
B2	559	352328	8139364	B2	619	352324	8139558	B4	679	352446	8139802
B2	560	352334	8139355	B2	620	352325	8139563	B4	680	352444	8139739
B2	561	352331	8139351	B2	621	352326	8139574	B4	681	352444	8139735
B2	562	352328	8139323	B2	622	352327	8139577	B4	682	352446	8139721
B2	563	352325	8139323	B2	623	352327	8139592	B4	683	352448	8139719
B2	564	352321	8139325	B2	624	352327	8139596	B4	684	352458	8139703
B2	565	352319	8139326	B2	625	352328	8139599	B4	685	352459	8139703
B2	566	352319	8139326	B2	626	352329	8139602	B4	686	352472	8139694
B2	567	352318	8139326	B2	627	352330	8139605	B4	687	352468	8139663
B2	568	352318	8139326	B2	628	352331	8139610	B4	688	352418	8139667
B2	569	352315	8139328	B2	629	352332	8139610	B4	689	352416	8139670
B2	570	352314	8139328	B2	630	352333	8139615	B4	690	352414	8139673
B2	571	352314	8139329	B2	631	352335	8139618	B4	691	352411	8139677
B2	572	352314	8139329	B2	632	352336	8139623	B4	692	352409	8139681
B2	573	352311	8139332	B2	633	352337	8139623	B4	693	352408	8139685
B2	574	352309	8139334	B2	634	352338	8139628	B4	694	352407	8139689
B2	575	352306	8139337	B2	635	352339	8139630	B4	695	352407	8139693
B2	576	352304	8139340	B2	636	352341	8139633	B4	696	352407	8139694
B2	577	352302	8139343	B2	637	352343	8139636	B4	697	352407	8139698
B2	578	352299	8139347	B2	638	352346	8139638	B4	698	352408	8139702
B2	579	352297	8139351	B2	639	352351	8139643	B4	699	352409	8139707
B2	580	352296	8139355	B2	640	352354	8139646	B4	700	352411	8139710
B2	581	352295	8139359	B2	641	352358	8139649	B4	701	352414	8139714
B2	582	352295	8139363	B2	642	352361	8139650	B4	702	352413	8139717
B2	583	352295	8139372	B2	643	352365	8139652	B4	703	352412	8139720
B2	584	352295	8139375	B2	644	352370	8139653	B4	704	352411	8139727
B2	585	352296	8139386	B2	645	352371	8139653	B4	705	352411	8139732
B2	586	352296	8139397	B2	646	352378	8139650	B4	706	352411	8139753
B2	587	352294	8139402	B2	647	352375	8139621	B4	707	352410	8139757
B2	588	352293	8139406	B2	648	352369	8139615	B4	708	352410	8139761
B2	589	352293	8139411	B2	649	352360	8139592	B4	709	352410	8139762
B2	590	352293	8139413	B3	650	351166	8140408	B4	710	352410	8139766
B2	591	352293	8139417	B3	651	351230	8140402	B4	711	352411	8139770
B2	592	352294	8139420	B3	652	351226	8140399	B4	712	352412	8139774
B2	593	352295	8139423	B3	653	351196	8140379	B4	713	352412	8139802
B2	594	352297	8139431	B3	654	351191	8140375	B4	714	352412	8139802
B2	595	352298	8139434	B3	655	351190	8140376	B4	715	352412	8139803
B2	596	352299	8139447	B3	656	351186	8140379	B4	716	352410	8139805
B2	597	352300	8139451	B3	657	351182	8140382	B4	717	352409	8139805
B2	598	352301	8139455	B3	658	351180	8140383	B4	718	352406	8139807
B2	599	352305	8139469	B3	659	351177	8140386	B4	719	352404	8139809
B2	600	352306	8139470	B3	660	351176	8140387	B4	720	352401	8139811

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B4	721	352399	8139813	B5	781	351135	8139001	B5	841	350716	8139319
B4	722	352396	8139815	B5	782	351133	8139008	B5	842	350713	8139319
B4	723	352394	8139817	B5	783	351148	8139006	B5	843	350672	8139322
B4	724	352391	8139819	B5	784	351142	8139028	B5	844	350665	8139323
B4	725	352389	8139821	B5	785	351140	8139059	B5	845	350656	8139321
B4	726	352386	8139823	B5	786	351125	8139069	B5	846	350649	8139321
B4	727	352384	8139825	B5	787	351125	8139073	B5	847	350649	8139321
B4	728	352381	8139827	B5	788	351119	8139091	B5	848	350635	8139321
B4	729	352379	8139830	B5	789	351078	8139131	B5	849	350612	8139315
B4	730	352378	8139830	B5	790	351076	8139156	B5	850	350601	8139312
B4	731	352375	8139832	B5	791	351076	8139156	B5	851	350585	8139317
B4	732	352373	8139834	B5	792	351076	8139157	B5	852	350570	8139328
B4	733	352370	8139836	B5	793	351073	8139192	B5	853	350553	8139331
B4	734	352368	8139839	B5	794	351081	8139209	B5	854	350547	8139334
B4	735	352366	8139841	B5	795	351079	8139234	B5	855	350546	8139335
B4	736	352363	8139843	B5	796	351069	8139244	B5	856	350546	8139335
B4	737	352361	8139846	B5	797	351065	8139292	B5	857	350541	8139337
B4	738	352354	8139854	B5	798	351068	8139306	B5	858	350510	8139338
B4	739	352352	8139855	B5	799	351088	8139344	B5	859	350480	8139347
B4	740	352348	8139858	B5	800	351088	8139354	B5	860	350480	8139347
B4	741	352343	8139861	B5	801	351063	8139367	B5	861	350453	8139345
B4	742	352340	8139865	B5	802	351059	8139368	B5	862	350436	8139345
B4	743	352335	8139867	B5	803	351059	8139370	B5	863	350436	8139345
B4	744	352331	8139870	B5	804	351049	8139372	B5	864	350435	8139344
B4	745	352327	8139874	B5	805	351032	8139380	B5	865	350434	8139345
B4	746	352324	8139878	B5	806	351028	8139377	B5	866	350415	8139353
B4	747	352321	8139883	B5	807	351014	8139380	B5	867	350389	8139358
B4	748	352319	8139888	B5	808	350999	8139378	B5	868	350360	8139364
B4	749	352318	8139893	B5	809	350998	8139376	B5	869	350356	8139365
B4	750	352318	8139893	B5	810	350997	8139379	B5	870	350326	8139362
B4	751	352315	8139895	B5	811	350984	8139377	B5	871	350311	8139360
B4	752	352313	8139897	B5	812	350980	8139374	B5	872	350285	8139364
B4	753	352310	8139900	B5	813	350973	8139342	B5	873	350277	8139369
B4	754	352306	8139903	B5	814	350964	8139331	B5	874	350260	8139369
B4	755	352303	8139908	B5	815	350942	8139322	B5	875	350242	8139369
B4	756	352300	8139912	B5	816	350940	8139318	B5	876	350231	8139363
B4	757	352298	8139917	B5	817	350931	8139313	B5	877	350223	8139358
B4	758	352297	8139922	B5	818	350876	8139305	B5	878	350195	8139357
B4	759	352296	8139928	B5	819	350872	8139305	B5	879	350191	8139349
B4	760	352294	8139931	B5	820	350872	8139305	B5	880	350188	8139348
B4	761	352293	8139935	B5	821	350870	8139304	B5	881	350174	8139344
B4	762	352292	8139938	B5	822	350849	8139305	B5	882	350166	8139347
B4	763	352291	8139941	B5	823	350841	8139308	B5	883	350164	8139352
B4	764	352290	8139945	B5	824	350840	8139308	B5	884	350159	8139363
B4	765	352290	8139947	B5	825	350840	8139308	B5	885	350159	8139369
B4	766	352332	8139942	B5	826	350838	8139308	B5	886	350163	8139418
B4	767	352338	8139920	B5	827	350836	8139309	B5	887	350171	8139447
B5	768	351140	8138628	B5	828	350835	8139309	B5	888	350174	8139507
B5	769	351099	8138632	B5	829	350833	8139308	B5	889	350171	8139529
B5	770	351099	8138632	B5	830	350833	8139308	B5	890	350174	8139547
B5	771	351103	8138647	B5	831	350833	8139308	B5	891	350174	8139548
B5	772	351145	8138711	B5	832	350826	8139307	B5	892	350171	8139579
B5	773	351173	8138766	B5	833	350812	8139309	B5	893	350177	8139586
B5	774	351189	8138815	B5	834	350805	8139311	B5	894	350169	8139615
B5	775	351189	8138825	B5	835	350805	8139311	B5	895	350159	8139630
B5	776	351181	8138852	B5	836	350781	8139319	B5	896	350157	8139648
B5	777	351167	8138877	B5	837	350756	8139322	B5	897	350153	8139655
B5	778	351158	8138904	B5	838	350752	8139323	B5	898	350151	8139673
B5	779	351152	8138968	B5	839	350724	8139320	B5	899	350151	8139677
B5	780	351149	8138974	B5	840	350716	8139319	B5	900	350153	8139686

**Attachment to Technical Agency Response (Vegetation) Plan, reference, TARP 1802-4193 SRA,  
Sheets 1 - 4  
Derived Reference Points for GPS  
Datum: GDA 1994, Projection: MGA Zone 55**

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Date: 27 September 2019

Part ID	Unique ID	Easting	Northing	Part ID	Unique ID	Easting	Northing	Part ID	Unique ID	Easting	Northing
B5	901	350148	8139691	B5	961	350361	8140021	B5	1021	350362	8139838
B5	902	350139	8139705	B5	962	350370	8139999	B5	1022	350358	8139836
B5	903	350136	8139725	B5	963	350372	8139996	B5	1023	350353	8139835
B5	904	350138	8139723	B5	964	350372	8139994	B5	1024	350349	8139834
B5	905	350148	8139728	B5	965	350375	8139985	B5	1025	350344	8139833
B5	906	350153	8139731	B5	966	350375	8139984	B5	1026	350340	8139831
B5	907	350166	8139753	B5	967	350373	8139978	B5	1027	350335	8139831
B5	908	350184	8139766	B5	968	350374	8139974	B5	1028	350333	8139831
B5	909	350193	8139780	B5	969	350376	8139968	B5	1029	350332	8139831
B5	910	350193	8139781	B5	970	350376	8139965	B5	1030	350331	8139831
B5	911	350197	8139816	B5	971	350377	8139964	B5	1031	350327	8139830
B5	912	350208	8139830	B5	972	350377	8139960	B5	1032	350323	8139830
B5	913	350234	8139845	B5	973	350377	8139957	B5	1033	350320	8139830
B5	914	350272	8139855	B5	974	350378	8139955	B5	1034	350319	8139830
B5	915	350275	8139858	B5	975	350381	8139944	B5	1035	350318	8139830
B5	916	350301	8139863	B5	976	350382	8139942	B5	1036	350315	8139830
B5	917	350312	8139862	B5	977	350384	8139938	B5	1037	350312	8139830
B5	918	350326	8139862	B5	978	350386	8139933	B5	1038	350312	8139830
B5	919	350332	8139862	B5	979	350387	8139929	B5	1039	350311	8139830
B5	920	350334	8139863	B5	980	350387	8139924	B5	1040	350309	8139830
B5	921	350339	8139867	B5	981	350386	8139919	B5	1041	350306	8139830
B5	922	350347	8139866	B5	982	350386	8139917	B5	1042	350306	8139830
B5	923	350352	8139878	B5	983	350385	8139914	B5	1043	350303	8139830
B5	924	350342	8139922	B5	984	350384	8139911	B5	1044	350300	8139829
B5	925	350342	8139923	B5	985	350384	8139911	B5	1045	350291	8139828
B5	926	350354	8139921	B5	986	350384	8139910	B5	1046	350289	8139828
B5	927	350360	8139921	B5	987	350385	8139905	B5	1047	350285	8139825
B5	928	350360	8139922	B5	988	350385	8139905	B5	1048	350280	8139823
B5	929	350354	8139941	B5	989	350385	8139905	B5	1049	350276	8139822
B5	930	350349	8139948	B5	990	350385	8139903	B5	1050	350273	8139822
B5	931	350347	8139956	B5	991	350385	8139900	B5	1051	350270	8139821
B5	932	350347	8139970	B5	992	350385	8139900	B5	1052	350269	8139820
B5	933	350342	8139984	B5	993	350385	8139900	B5	1053	350267	8139820
B5	934	350343	8139991	B5	994	350385	8139898	B5	1054	350264	8139819
B5	935	350343	8139993	B5	995	350384	8139895	B5	1055	350264	8139819
B5	936	350344	8140002	B5	996	350384	8139895	B5	1056	350262	8139819
B5	937	350347	8140031	B5	997	350384	8139895	B5	1057	350260	8139818
B5	938	350357	8140136	B5	998	350384	8139893	B5	1058	350259	8139818
B5	939	350362	8140128	B5	999	350383	8139890	B5	1059	350256	8139818
B5	940	350364	8140124	B5	1000	350383	8139890	B5	1060	350254	8139818
B5	941	350366	8140121	B5	1001	350383	8139890	B5	1061	350254	8139818
B5	942	350367	8140117	B5	1002	350382	8139888	B5	1062	350253	8139817
B5	943	350368	8140112	B5	1003	350382	8139887	B5	1063	350249	8139816
B5	944	350370	8140109	B5	1004	350382	8139887	B5	1064	350248	8139815
B5	945	350373	8140105	B5	1005	350382	8139886	B5	1065	350245	8139811
B5	946	350375	8140100	B5	1006	350382	8139884	B5	1066	350242	8139810
B5	947	350376	8140095	B5	1007	350382	8139883	B5	1067	350240	8139808
B5	948	350377	8140089	B5	1008	350381	8139883	B5	1068	350239	8139807
B5	949	350376	8140085	B5	1009	350381	8139882	B5	1069	350239	8139807
B5	950	350375	8140072	B5	1010	350382	8139878	B5	1070	350238	8139807
B5	951	350375	8140071	B5	1011	350382	8139874	B5	1071	350237	8139806
B5	952	350373	8140066	B5	1012	350382	8139869	B5	1072	350237	8139805
B5	953	350371	8140061	B5	1013	350381	8139865	B5	1073	350237	8139805
B5	954	350369	8140057	B5	1014	350380	8139861	B5	1074	350237	8139805
B5	955	350365	8140053	B5	1015	350378	8139857	B5	1075	350237	8139804
B5	956	350361	8140049	B5	1016	350377	8139855	B5	1076	350235	8139799
B5	957	350357	8140046	B5	1017	350375	8139851	B5	1077	350234	8139796
B5	958	350358	8140044	B5	1018	350372	8139847	B5	1078	350233	8139792
B5	959	350359	8140041	B5	1019	350369	8139844	B5	1079	350232	8139788
B5	960	350359	8140038	B5	1020	350366	8139841	B5	1080	350231	8139784



**Attachment to Technical Agency Response (Vegetation) Plan, reference, TARP 1802-4193 SRA,  
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Date: 27 September 2019

Part ID	Unique ID	Easting	Northing	Part ID	Unique ID	Easting	Northing	Part ID	Unique ID	Easting	Northing
B5	1081	350231	8139783	B5	1141	350192	8139664	B5	1201	350216	8139557
B5	1082	350229	8139780	B5	1142	350192	8139664	B5	1202	350217	8139553
B5	1083	350229	8139780	B5	1143	350192	8139663	B5	1203	350217	8139548
B5	1084	350228	8139779	B5	1144	350193	8139660	B5	1204	350217	8139547
B5	1085	350228	8139777	B5	1145	350195	8139652	B5	1205	350216	8139542
B5	1086	350228	8139777	B5	1146	350195	8139650	B5	1206	350216	8139542
B5	1087	350228	8139777	B5	1147	350196	8139648	B5	1207	350216	8139541
B5	1088	350227	8139772	B5	1148	350197	8139645	B5	1208	350216	8139536
B5	1089	350227	8139772	B5	1149	350197	8139642	B5	1209	350216	8139536
B5	1090	350227	8139771	B5	1150	350199	8139639	B5	1210	350216	8139535
B5	1091	350226	8139770	B5	1151	350199	8139638	B5	1211	350216	8139534
B5	1092	350226	8139767	B5	1152	350200	8139635	B5	1212	350215	8139530
B5	1093	350226	8139767	B5	1153	350203	8139631	B5	1213	350215	8139529
B5	1094	350226	8139766	B5	1154	350205	8139626	B5	1214	350215	8139529
B5	1095	350225	8139761	B5	1155	350205	8139626	B5	1215	350214	8139528
B5	1096	350225	8139761	B5	1156	350207	8139621	B5	1216	350214	8139525
B5	1097	350223	8139756	B5	1157	350208	8139617	B5	1217	350213	8139524
B5	1098	350221	8139751	B5	1158	350208	8139613	B5	1218	350213	8139524
B5	1099	350219	8139747	B5	1159	350208	8139610	B5	1219	350213	8139522
B5	1100	350216	8139743	B5	1160	350209	8139605	B5	1220	350212	8139521
B5	1101	350212	8139739	B5	1161	350209	8139605	B5	1221	350211	8139519
B5	1102	350209	8139735	B5	1162	350209	8139605	B5	1222	350211	8139518
B5	1103	350208	8139734	B5	1163	350210	8139603	B5	1223	350212	8139516
B5	1104	350204	8139731	B5	1164	350210	8139600	B5	1224	350212	8139514
B5	1105	350200	8139728	B5	1165	350210	8139600	B5	1225	350212	8139514
B5	1106	350196	8139726	B5	1166	350210	8139599	B5	1226	350212	8139513
B5	1107	350196	8139726	B5	1167	350210	8139598	B5	1227	350213	8139510
B5	1108	350196	8139726	B5	1168	350210	8139595	B5	1228	350213	8139509
B5	1109	350195	8139725	B5	1169	350210	8139595	B5	1229	350213	8139508
B5	1110	350193	8139724	B5	1170	350210	8139594	B5	1230	350213	8139508
B5	1111	350192	8139723	B5	1171	350210	8139592	B5	1231	350213	8139504
B5	1112	350192	8139723	B5	1172	350210	8139590	B5	1232	350213	8139503
B5	1113	350191	8139723	B5	1173	350209	8139589	B5	1233	350213	8139503
B5	1114	350191	8139722	B5	1174	350209	8139589	B5	1234	350213	8139502
B5	1115	350190	8139720	B5	1175	350209	8139588	B5	1235	350212	8139497
B5	1116	350187	8139706	B5	1176	350209	8139588	B5	1236	350212	8139496
B5	1117	350188	8139703	B5	1177	350209	8139587	B5	1237	350211	8139493
B5	1118	350189	8139701	B5	1178	350209	8139586	B5	1238	350210	8139491
B5	1119	350189	8139701	B5	1179	350209	8139584	B5	1239	350210	8139491
B5	1120	350189	8139701	B5	1180	350209	8139583	B5	1240	350210	8139488
B5	1121	350190	8139698	B5	1181	350208	8139581	B5	1241	350210	8139487
B5	1122	350191	8139696	B5	1182	350208	8139581	B5	1242	350210	8139487
B5	1123	350191	8139696	B5	1183	350208	8139581	B5	1243	350210	8139486
B5	1124	350191	8139696	B5	1184	350208	8139580	B5	1244	350209	8139482
B5	1125	350192	8139692	B5	1185	350208	8139579	B5	1245	350209	8139482
B5	1126	350192	8139690	B5	1186	350208	8139579	B5	1246	350209	8139482
B5	1127	350192	8139690	B5	1187	350209	8139578	B5	1247	350209	8139482
B5	1128	350192	8139690	B5	1188	350210	8139576	B5	1248	350207	8139477
B5	1129	350192	8139685	B5	1189	350211	8139575	B5	1249	350206	8139474
B5	1130	350192	8139681	B5	1190	350211	8139574	B5	1250	350206	8139473
B5	1131	350192	8139679	B5	1191	350211	8139574	B5	1251	350206	8139473
B5	1132	350192	8139678	B5	1192	350212	8139572	B5	1252	350206	8139473
B5	1133	350191	8139673	B5	1193	350213	8139570	B5	1253	350204	8139470
B5	1134	350191	8139673	B5	1194	350213	8139570	B5	1254	350204	8139469
B5	1135	350191	8139673	B5	1195	350213	8139570	B5	1255	350204	8139469
B5	1136	350191	8139671	B5	1196	350214	8139566	B5	1256	350204	8139468
B5	1137	350190	8139668	B5	1197	350215	8139565	B5	1257	350204	8139460
B5	1138	350190	8139668	B5	1198	350215	8139565	B5	1258	350204	8139459
B5	1139	350191	8139667	B5	1199	350215	8139565	B5	1259	350205	8139458
B5	1140	350192	8139665	B5	1200	350216	8139560	B5	1260	350205	8139458

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Part ID	Unique ID	Easting	Northing	Part ID	Unique ID	Easting	Northing	Part ID	Unique ID	Easting	Northing
B5	1261	350205	8139457	B5	1321	350244	8139406	B5	1381	350328	8139397
B5	1262	350205	8139454	B5	1322	350245	8139406	B5	1382	350329	8139397
B5	1263	350205	8139454	B5	1323	350245	8139406	B5	1383	350330	8139397
B5	1264	350205	8139449	B5	1324	350246	8139406	B5	1384	350331	8139397
B5	1265	350205	8139444	B5	1325	350246	8139406	B5	1385	350333	8139399
B5	1266	350204	8139439	B5	1326	350247	8139406	B5	1386	350334	8139399
B5	1267	350202	8139431	B5	1327	350248	8139407	B5	1387	350335	8139399
B5	1268	350202	8139431	B5	1328	350251	8139408	B5	1388	350335	8139400
B5	1269	350202	8139430	B5	1329	350251	8139408	B5	1389	350339	8139401
B5	1270	350202	8139428	B5	1330	350256	8139409	B5	1390	350340	8139401
B5	1271	350202	8139426	B5	1331	350260	8139409	B5	1391	350345	8139403
B5	1272	350202	8139426	B5	1332	350261	8139409	B5	1392	350345	8139403
B5	1273	350202	8139425	B5	1333	350265	8139409	B5	1393	350345	8139403
B5	1274	350202	8139423	B5	1334	350269	8139409	B5	1394	350347	8139403
B5	1275	350202	8139421	B5	1335	350269	8139409	B5	1395	350349	8139403
B5	1276	350202	8139421	B5	1336	350274	8139408	B5	1396	350350	8139403
B5	1277	350202	8139420	B5	1337	350274	8139408	B5	1397	350351	8139403
B5	1278	350202	8139418	B5	1338	350274	8139408	B5	1398	350352	8139403
B5	1279	350202	8139416	B5	1339	350275	8139408	B5	1399	350354	8139403
B5	1280	350202	8139414	B5	1340	350278	8139407	B5	1400	350355	8139403
B5	1281	350202	8139412	B5	1341	350279	8139407	B5	1401	350356	8139403
B5	1282	350203	8139412	B5	1342	350279	8139406	B5	1402	350358	8139403
B5	1283	350203	8139411	B5	1343	350280	8139406	B5	1403	350359	8139403
B5	1284	350203	8139408	B5	1344	350282	8139405	B5	1404	350361	8139402
B5	1285	350203	8139406	B5	1345	350283	8139404	B5	1405	350362	8139402
B5	1286	350203	8139406	B5	1346	350284	8139404	B5	1406	350363	8139402
B5	1287	350203	8139405	B5	1347	350285	8139403	B5	1407	350364	8139401
B5	1288	350203	8139402	B5	1348	350286	8139403	B5	1408	350366	8139401
B5	1289	350203	8139400	B5	1349	350288	8139402	B5	1409	350367	8139400
B5	1290	350203	8139400	B5	1350	350288	8139401	B5	1410	350368	8139400
B5	1291	350203	8139400	B5	1351	350291	8139400	B5	1411	350369	8139400
B5	1292	350202	8139394	B5	1352	350292	8139400	B5	1412	350375	8139399
B5	1293	350202	8139391	B5	1353	350292	8139400	B5	1413	350381	8139399
B5	1294	350204	8139393	B5	1354	350293	8139400	B5	1414	350381	8139399
B5	1295	350206	8139394	B5	1355	350294	8139400	B5	1415	350383	8139399
B5	1296	350206	8139394	B5	1356	350295	8139400	B5	1416	350384	8139399
B5	1297	350206	8139394	B5	1357	350297	8139400	B5	1417	350389	8139397
B5	1298	350208	8139395	B5	1358	350297	8139400	B5	1418	350393	8139396
B5	1299	350210	8139396	B5	1359	350298	8139400	B5	1419	350397	8139394
B5	1300	350210	8139396	B5	1360	350301	8139401	B5	1420	350398	8139393
B5	1301	350210	8139396	B5	1361	350302	8139401	B5	1421	350398	8139393
B5	1302	350213	8139396	B5	1362	350302	8139401	B5	1422	350399	8139393
B5	1303	350215	8139397	B5	1363	350303	8139401	B5	1423	350399	8139393
B5	1304	350215	8139397	B5	1364	350306	8139401	B5	1424	350402	8139394
B5	1305	350215	8139397	B5	1365	350307	8139401	B5	1425	350404	8139395
B5	1306	350218	8139397	B5	1366	350308	8139401	B5	1426	350404	8139395
B5	1307	350220	8139398	B5	1367	350308	8139401	B5	1427	350404	8139395
B5	1308	350220	8139398	B5	1368	350313	8139400	B5	1428	350407	8139396
B5	1309	350225	8139398	B5	1369	350315	8139399	B5	1429	350409	8139396
B5	1310	350225	8139398	B5	1370	350318	8139398	B5	1430	350409	8139396
B5	1311	350227	8139399	B5	1371	350319	8139398	B5	1431	350409	8139396
B5	1312	350229	8139400	B5	1372	350319	8139398	B5	1432	350413	8139396
B5	1313	350229	8139400	B5	1373	350320	8139398	B5	1433	350415	8139396
B5	1314	350229	8139400	B5	1374	350322	8139397	B5	1434	350415	8139396
B5	1315	350232	8139402	B5	1375	350322	8139397	B5	1435	350415	8139396
B5	1316	350235	8139403	B5	1376	350323	8139397	B5	1436	350419	8139396
B5	1317	350240	8139405	B5	1377	350324	8139397	B5	1437	350421	8139396
B5	1318	350240	8139405	B5	1378	350326	8139397	B5	1438	350421	8139396
B5	1319	350240	8139405	B5	1379	350327	8139397	B5	1439	350421	8139396
B5	1320	350242	8139405	B5	1380	350328	8139397	B5	1440	350426	8139395



**Attachment to Technical Agency Response (Vegetation) Plan, reference, TARP 1802-4193 SRA,  
Sheets 1 - 4  
Derived Reference Points for GPS  
Datum: GDA 1994, Projection: MGA Zone 55**

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SARA ref: 1802-4193 SRA  
Date: 27 September 2019

Part ID	Unique ID	Easting	Northing	Part ID	Unique ID	Easting	Northing	Part ID	Unique ID	Easting	Northing
B5	1441	350429	8139394	B5	1501	350557	8139378	B5	1561	350683	8139361
B5	1442	350434	8139392	B5	1502	350559	8139377	B5	1562	350684	8139361
B5	1443	350434	8139392	B5	1503	350560	8139377	B5	1563	350686	8139361
B5	1444	350434	8139392	B5	1504	350560	8139377	B5	1564	350687	8139361
B5	1445	350436	8139391	B5	1505	350563	8139375	B5	1565	350687	8139361
B5	1446	350440	8139390	B5	1506	350565	8139375	B5	1566	350690	8139361
B5	1447	350440	8139389	B5	1507	350565	8139374	B5	1567	350692	8139361
B5	1448	350440	8139389	B5	1508	350565	8139374	B5	1568	350692	8139361
B5	1449	350442	8139388	B5	1509	350570	8139371	B5	1569	350692	8139361
B5	1450	350444	8139386	B5	1510	350574	8139369	B5	1570	350696	8139361
B5	1451	350447	8139387	B5	1511	350576	8139368	B5	1571	350698	8139361
B5	1452	350448	8139387	B5	1512	350577	8139368	B5	1572	350698	8139361
B5	1453	350450	8139387	B5	1513	350577	8139368	B5	1573	350698	8139361
B5	1454	350454	8139387	B5	1514	350578	8139368	B5	1574	350703	8139360
B5	1455	350458	8139387	B5	1515	350580	8139368	B5	1575	350707	8139361
B5	1456	350462	8139386	B5	1516	350581	8139368	B5	1576	350711	8139361
B5	1457	350466	8139387	B5	1517	350582	8139368	B5	1577	350712	8139361
B5	1458	350470	8139387	B5	1518	350582	8139367	B5	1578	350717	8139360
B5	1459	350474	8139387	B5	1519	350585	8139367	B5	1579	350717	8139360
B5	1460	350478	8139388	B5	1520	350586	8139367	B5	1580	350717	8139360
B5	1461	350484	8139388	B5	1521	350586	8139367	B5	1581	350719	8139360
B5	1462	350489	8139387	B5	1522	350586	8139367	B5	1582	350722	8139359
B5	1463	350495	8139386	B5	1523	350590	8139365	B5	1583	350723	8139359
B5	1464	350500	8139384	B5	1524	350596	8139364	B5	1584	350723	8139359
B5	1465	350505	8139381	B5	1525	350601	8139362	B5	1585	350725	8139358
B5	1466	350505	8139381	B5	1526	350601	8139361	B5	1586	350727	8139357
B5	1467	350510	8139378	B5	1527	350605	8139359	B5	1587	350728	8139357
B5	1468	350510	8139378	B5	1528	350605	8139359	B5	1588	350729	8139357
B5	1469	350510	8139378	B5	1529	350606	8139359	B5	1589	350730	8139356
B5	1470	350511	8139378	B5	1530	350607	8139358	B5	1590	350732	8139355
B5	1471	350511	8139378	B5	1531	350608	8139357	B5	1591	350733	8139355
B5	1472	350512	8139378	B5	1532	350610	8139358	B5	1592	350734	8139355
B5	1473	350514	8139378	B5	1533	350611	8139358	B5	1593	350734	8139356
B5	1474	350516	8139378	B5	1534	350612	8139359	B5	1594	350735	8139356
B5	1475	350517	8139378	B5	1535	350612	8139359	B5	1595	350737	8139357
B5	1476	350517	8139378	B5	1536	350615	8139360	B5	1596	350738	8139357
B5	1477	350518	8139378	B5	1537	350616	8139360	B5	1597	350739	8139357
B5	1478	350520	8139378	B5	1538	350616	8139360	B5	1598	350740	8139357
B5	1479	350520	8139378	B5	1539	350617	8139360	B5	1599	350740	8139358
B5	1480	350521	8139378	B5	1540	350621	8139361	B5	1600	350744	8139358
B5	1481	350521	8139379	B5	1541	350622	8139362	B5	1601	350745	8139358
B5	1482	350524	8139379	B5	1542	350627	8139362	B5	1602	350750	8139359
B5	1483	350528	8139379	B5	1543	350632	8139362	B5	1603	350755	8139358
B5	1484	350531	8139379	B5	1544	350636	8139362	B5	1604	350760	8139357
B5	1485	350533	8139379	B5	1545	350641	8139361	B5	1605	350764	8139355
B5	1486	350536	8139380	B5	1546	350645	8139363	B5	1606	350765	8139354
B5	1487	350536	8139380	B5	1547	350650	8139364	B5	1607	350766	8139354
B5	1488	350536	8139380	B5	1548	350650	8139364	B5	1608	350767	8139354
B5	1489	350539	8139380	B5	1549	350650	8139364	B5	1609	350770	8139354
B5	1490	350542	8139380	B5	1550	350651	8139364	B5	1610	350777	8139352
B5	1491	350542	8139380	B5	1551	350656	8139365	B5	1611	350780	8139352
B5	1492	350542	8139380	B5	1552	350661	8139366	B5	1612	350784	8139351
B5	1493	350545	8139380	B5	1553	350666	8139365	B5	1613	350784	8139350
B5	1494	350548	8139380	B5	1554	350672	8139365	B5	1614	350787	8139349
B5	1495	350548	8139380	B5	1555	350672	8139364	B5	1615	350788	8139349
B5	1496	350548	8139380	B5	1556	350676	8139363	B5	1616	350791	8139350
B5	1497	350551	8139379	B5	1557	350676	8139363	B5	1617	350792	8139350
B5	1498	350554	8139379	B5	1558	350677	8139363	B5	1618	350792	8139350
B5	1499	350554	8139379	B5	1559	350678	8139363	B5	1619	350793	8139350
B5	1500	350554	8139379	B5	1560	350680	8139362	B5	1620	350796	8139351

**Attachment to Technical Agency Response (Vegetation) Plan, reference, TARP 1802-4193 SRA,  
Sheets 1 - 4  
Derived Reference Points for GPS  
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**SARA ref:** 1802-4193 SRA.....  
**Date:** 27 September 2019.....

Part ID	Unique ID	Easting	Northing	Part ID	Unique ID	Easting	Northing	Part ID	Unique ID	Easting	Northing
B5	1621	350797	8139351	B5	1681	350894	8139349	B5	1741	351020	8139412
B5	1622	350798	8139351	B5	1682	350898	8139350	B5	1742	351024	8139411
B5	1623	350799	8139350	B5	1683	350903	8139351	B5	1743	351024	8139411
B5	1624	350800	8139350	B5	1684	350908	8139352	B5	1744	351026	8139410
B5	1625	350802	8139350	B5	1685	350912	8139352	B5	1745	351027	8139410
B5	1626	350803	8139350	B5	1686	350917	8139351	B5	1746	351030	8139409
B5	1627	350804	8139350	B5	1687	350920	8139353	B5	1747	351033	8139408
B5	1628	350805	8139350	B5	1688	350920	8139353	B5	1748	351037	8139409
B5	1629	350807	8139349	B5	1689	350924	8139355	B5	1749	351042	8139409
B5	1630	350809	8139349	B5	1690	350924	8139355	B5	1750	351044	8139409
B5	1631	350809	8139349	B5	1691	350924	8139355	B5	1751	351046	8139410
B5	1632	350809	8139349	B5	1692	350925	8139356	B5	1752	351047	8139410
B5	1633	350814	8139347	B5	1693	350927	8139356	B5	1753	351047	8139410
B5	1634	350815	8139346	B5	1694	350928	8139357	B5	1754	351050	8139410
B5	1635	350816	8139347	B5	1695	350929	8139357	B5	1755	351052	8139410
B5	1636	350818	8139347	B5	1696	350931	8139358	B5	1756	351052	8139410
B5	1637	350818	8139347	B5	1697	350932	8139359	B5	1757	351053	8139410
B5	1638	350819	8139347	B5	1698	350933	8139359	B5	1758	351058	8139410
B5	1639	350822	8139347	B5	1699	350933	8139359	B5	1759	351059	8139410
B5	1640	350823	8139348	B5	1700	350937	8139361	B5	1760	351064	8139409
B5	1641	350823	8139348	B5	1701	350937	8139361	B5	1761	351070	8139407
B5	1642	350823	8139348	B5	1702	350938	8139361	B5	1762	351075	8139405
B5	1643	350828	8139348	B5	1703	350938	8139361	B5	1763	351080	8139402
B5	1644	350830	8139347	B5	1704	350942	8139362	B5	1764	351085	8139399
B5	1645	350834	8139347	B5	1705	350942	8139362	B5	1765	351085	8139399
B5	1646	350834	8139347	B5	1706	350942	8139362	B5	1766	351088	8139396
B5	1647	350834	8139347	B5	1707	350943	8139362	B5	1767	351089	8139395
B5	1648	350836	8139346	B5	1708	350944	8139362	B5	1768	351092	8139391
B5	1649	350839	8139346	B5	1709	350944	8139362	B5	1769	351092	8139391
B5	1650	350839	8139346	B5	1710	350944	8139362	B5	1770	351092	8139391
B5	1651	350839	8139346	B5	1711	350945	8139367	B5	1771	351094	8139390
B5	1652	350841	8139345	B5	1712	350946	8139369	B5	1772	351096	8139389
B5	1653	350844	8139344	B5	1713	350946	8139370	B5	1773	351097	8139389
B5	1654	350844	8139344	B5	1714	350947	8139372	B5	1774	351098	8139389
B5	1655	350844	8139344	B5	1715	350947	8139373	B5	1775	351099	8139388
B5	1656	350846	8139343	B5	1716	350947	8139374	B5	1776	351101	8139387
B5	1657	350848	8139342	B5	1717	350948	8139378	B5	1777	351102	8139387
B5	1658	350848	8139342	B5	1718	350949	8139381	B5	1778	351103	8139387
B5	1659	350848	8139342	B5	1719	350949	8139381	B5	1779	351103	8139386
B5	1660	350851	8139342	B5	1720	350951	8139385	B5	1780	351107	8139384
B5	1661	350854	8139342	B5	1721	350954	8139389	B5	1781	351112	8139381
B5	1662	350858	8139342	B5	1722	350957	8139392	B5	1782	351116	8139377
B5	1663	350863	8139343	B5	1723	350965	8139400	B5	1783	351119	8139373
B5	1664	350863	8139343	B5	1724	350969	8139403	B5	1784	351122	8139368
B5	1665	350866	8139343	B5	1725	350973	8139406	B5	1785	351124	8139363
B5	1666	350869	8139343	B5	1726	350978	8139408	B5	1786	351126	8139358
B5	1667	350870	8139343	B5	1727	350983	8139409	B5	1787	351127	8139353
B5	1668	350870	8139343	B5	1728	350986	8139410	B5	1788	351127	8139347
B5	1669	350873	8139344	B5	1729	350989	8139411	B5	1789	351127	8139342
B5	1670	350874	8139344	B5	1730	350989	8139411	B5	1790	351125	8139336
B5	1671	350878	8139345	B5	1731	350993	8139411	B5	1791	351124	8139332
B5	1672	350879	8139345	B5	1732	350995	8139411	B5	1792	351123	8139328
B5	1673	350881	8139346	B5	1733	350997	8139411	B5	1793	351122	8139326
B5	1674	350881	8139346	B5	1734	351001	8139410	B5	1794	351120	8139321
B5	1675	350882	8139346	B5	1735	351002	8139411	B5	1795	351120	8139321
B5	1676	350884	8139347	B5	1736	351005	8139411	B5	1796	351120	8139321
B5	1677	350885	8139347	B5	1737	351007	8139412	B5	1797	351119	8139320
B5	1678	350886	8139348	B5	1738	351012	8139412	B5	1798	351118	8139317
B5	1679	350886	8139348	B5	1739	351016	8139412	B5	1799	351118	8139317
B5	1680	350890	8139348	B5	1740	351017	8139412	B5	1800	351117	8139316

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**Date:** 27 September 2019.....

Part ID	Unique ID	Easting	Northing	Part ID	Unique ID	Easting	Northing	Part ID	Unique ID	Easting	Northing
B5	1801	351116	8139315	B5	1861	351122	8139216	B5	1921	351147	8139114
B5	1802	351115	8139313	B5	1862	351122	8139215	B5	1922	351148	8139112
B5	1803	351114	8139313	B5	1863	351122	8139215	B5	1923	351149	8139112
B5	1804	351114	8139312	B5	1864	351122	8139215	B5	1924	351149	8139111
B5	1805	351113	8139311	B5	1865	351123	8139212	B5	1925	351150	8139109
B5	1806	351112	8139310	B5	1866	351123	8139210	B5	1926	351150	8139107
B5	1807	351111	8139309	B5	1867	351123	8139209	B5	1927	351153	8139104
B5	1808	351110	8139308	B5	1868	351123	8139208	B5	1928	351155	8139100
B5	1809	351109	8139307	B5	1869	351124	8139206	B5	1929	351155	8139100
B5	1810	351108	8139303	B5	1870	351124	8139205	B5	1930	351155	8139098
B5	1811	351107	8139299	B5	1871	351124	8139204	B5	1931	351156	8139095
B5	1812	351106	8139295	B5	1872	351124	8139202	B5	1932	351156	8139095
B5	1813	351103	8139290	B5	1873	351124	8139201	B5	1933	351156	8139095
B5	1814	351103	8139284	B5	1874	351124	8139199	B5	1934	351157	8139094
B5	1815	351102	8139280	B5	1875	351124	8139198	B5	1935	351158	8139091
B5	1816	351102	8139274	B5	1876	351124	8139197	B5	1936	351158	8139091
B5	1817	351103	8139270	B5	1877	351124	8139195	B5	1937	351158	8139091
B5	1818	351103	8139269	B5	1878	351123	8139194	B5	1938	351158	8139089
B5	1819	351103	8139269	B5	1879	351123	8139192	B5	1939	351158	8139087
B5	1820	351104	8139268	B5	1880	351123	8139191	B5	1940	351162	8139084
B5	1821	351104	8139265	B5	1881	351123	8139189	B5	1941	351165	8139080
B5	1822	351105	8139265	B5	1882	351122	8139188	B5	1942	351166	8139079
B5	1823	351105	8139265	B5	1883	351122	8139187	B5	1943	351167	8139077
B5	1824	351105	8139263	B5	1884	351122	8139186	B5	1944	351169	8139075
B5	1825	351105	8139261	B5	1885	351121	8139184	B5	1945	351169	8139073
B5	1826	351105	8139261	B5	1886	351120	8139179	B5	1946	351171	8139069
B5	1827	351105	8139260	B5	1887	351117	8139175	B5	1947	351172	8139065
B5	1828	351108	8139257	B5	1888	351115	8139171	B5	1948	351173	8139061
B5	1829	351108	8139257	B5	1889	351112	8139166	B5	1949	351173	8139056
B5	1830	351108	8139257	B5	1890	351112	8139164	B5	1950	351173	8139046
B5	1831	351109	8139256	B5	1891	351112	8139163	B5	1951	351174	8139043
B5	1832	351111	8139253	B5	1892	351111	8139163	B5	1952	351174	8139039
B5	1833	351111	8139252	B5	1893	351111	8139162	B5	1953	351174	8139036
B5	1834	351111	8139252	B5	1894	351111	8139158	B5	1954	351174	8139034
B5	1835	351112	8139251	B5	1895	351111	8139157	B5	1955	351175	8139033
B5	1836	351113	8139249	B5	1896	351112	8139157	B5	1956	351175	8139031
B5	1837	351114	8139248	B5	1897	351114	8139156	B5	1957	351176	8139027
B5	1838	351114	8139247	B5	1898	351114	8139155	B5	1958	351177	8139023
B5	1839	351114	8139246	B5	1899	351115	8139155	B5	1959	351177	8139018
B5	1840	351115	8139245	B5	1900	351117	8139153	B5	1960	351177	8139014
B5	1841	351115	8139244	B5	1901	351119	8139153	B5	1961	351176	8139010
B5	1842	351116	8139243	B5	1902	351119	8139152	B5	1962	351175	8139006
B5	1843	351116	8139242	B5	1903	351119	8139152	B5	1963	351177	8139003
B5	1844	351117	8139240	B5	1904	351123	8139149	B5	1964	351178	8139002
B5	1845	351118	8139238	B5	1905	351124	8139148	B5	1965	351181	8138997
B5	1846	351119	8139235	B5	1906	351124	8139148	B5	1966	351182	8138995
B5	1847	351119	8139235	B5	1907	351128	8139145	B5	1967	351184	8138991
B5	1848	351119	8139235	B5	1908	351131	8139142	B5	1968	351185	8138987
B5	1849	351120	8139233	B5	1909	351133	8139139	B5	1969	351186	8138983
B5	1850	351121	8139230	B5	1910	351134	8139139	B5	1970	351186	8138978
B5	1851	351121	8139230	B5	1911	351137	8139135	B5	1971	351186	8138974
B5	1852	351121	8139229	B5	1912	351139	8139130	B5	1972	351186	8138970
B5	1853	351121	8139227	B5	1913	351141	8139126	B5	1973	351188	8138966
B5	1854	351122	8139224	B5	1914	351142	8139121	B5	1974	351190	8138963
B5	1855	351122	8139224	B5	1915	351143	8139121	B5	1975	351191	8138958
B5	1856	351122	8139223	B5	1916	351143	8139120	B5	1976	351192	8138954
B5	1857	351122	8139221	B5	1917	351144	8139119	B5	1977	351193	8138950
B5	1858	351122	8139219	B5	1918	351146	8139117	B5	1978	351193	8138946
B5	1859	351122	8139218	B5	1919	351146	8139117	B5	1979	351194	8138943
B5	1860	351122	8139217	B5	1920	351146	8139116	B5	1980	351194	8138940



**Attachment to Technical Agency Response (Vegetation) Plan, reference, TARP 1802-4193 SRA,  
Sheets 1 - 4  
Derived Reference Points for GPS  
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**Date:** 27 September 2019

Part ID	Unique ID	Easting	Northing	Part ID	Unique ID	Easting	Northing	Part ID	Unique ID	Easting	Northing
B5	1981	351194	8138937	B5	2041	351177	8138701	B5	2101	351322	8138764
B5	1982	351194	8138936	B5	2042	351177	8138701	B5	2102	351324	8138767
B5	1983	351197	8138931	B5	2043	351177	8138700	B5	2103	351326	8138770
B5	1984	351198	8138925	B5	2044	351177	8138695	B5	2104	351329	8138772
B5	1985	351200	8138920	B5	2045	351176	8138690	B5	2105	351331	8138774
B5	1986	351200	8138914	B5	2046	351174	8138685	B5	2106	351333	8138777
B5	1987	351200	8138914	B5	2047	351172	8138681	B5	2107	351336	8138778
B5	1988	351201	8138909	B5	2048	351169	8138676	B5	2108	351345	8138784
B5	1989	351202	8138905	B5	2049	351166	8138672	B5	2109	351348	8138787
B5	1990	351203	8138901	B5	2050	351165	8138672	B5	2110	351350	8138788
B5	1991	351203	8138897	B5	2051	351163	8138668	B5	2111	351354	8138789
B5	1992	351203	8138896	B5	2052	351169	8138667	B5	2112	351358	8138790
B5	1993	351204	8138892	B5	2053	351185	8138672	B5	2113	351362	8138791
B5	1994	351204	8138887	B5	2054	351190	8138674	B5	2114	351373	8138792
B5	1995	351204	8138886	B5	2055	351195	8138674	B5	2115	351376	8138792
B5	1996	351204	8138884	B5	2056	351210	8138674	B5	2116	351386	8138792
B5	1997	351209	8138880	B5	2057	351215	8138674	B5	2117	351391	8138792
B5	1998	351212	8138876	B5	2058	351220	8138672	B5	2118	351396	8138790
B5	1999	351216	8138871	B5	2059	351225	8138671	B5	2119	351401	8138789
B5	2000	351219	8138865	B5	2060	351239	8138663	B5	2120	351405	8138787
B5	2001	351220	8138859	B5	2061	351260	8138658	B5	2121	351405	8138786
B5	2002	351222	8138853	B5	2062	351266	8138657	B5	2122	351407	8138787
B5	2003	351222	8138847	B5	2063	351266	8138657	B5	2123	351407	8138787
B5	2004	351222	8138846	B5	2064	351276	8138659	B5	2124	351411	8138787
B5	2005	351222	8138841	B5	2065	351279	8138660	B5	2125	351411	8138799
B5	2006	351221	8138836	B5	2066	351282	8138660	B5	2126	351412	8138804
B5	2007	351221	8138833	B5	2067	351304	8138661	B5	2127	351413	8138808
B5	2008	351222	8138833	B5	2068	351307	8138663	B5	2128	351414	8138813
B5	2009	351224	8138827	B5	2069	351312	8138664	B5	2129	351415	8138815
B5	2010	351226	8138821	B5	2070	351317	8138666	B5	2130	351418	8138818
B5	2011	351227	8138815	B5	2071	351322	8138666	B5	2131	351418	8138820
B5	2012	351227	8138809	B5	2072	351327	8138666	B5	2132	351420	8138824
B5	2013	351227	8138807	B5	2073	351330	8138666	B5	2133	351422	8138827
B5	2014	351227	8138802	B5	2074	351333	8138665	B5	2134	351424	8138830
B5	2015	351227	8138797	B5	2075	351335	8138665	B5	2135	351427	8138832
B5	2016	351226	8138791	B5	2076	351335	8138666	B5	2136	351430	8138835
B5	2017	351224	8138786	B5	2077	351336	8138669	B5	2137	351432	8138838
B5	2018	351224	8138785	B5	2078	351337	8138671	B5	2138	351435	8138839
B5	2019	351222	8138780	B5	2079	351337	8138674	B5	2139	351435	8138840
B5	2020	351220	8138775	B5	2080	351338	8138677	B5	2140	351439	8138842
B5	2021	351217	8138770	B5	2081	351338	8138678	B5	2141	351439	8138843
B5	2022	351217	8138766	B5	2082	351337	8138690	B5	2142	351443	8138845
B5	2023	351216	8138761	B5	2083	351337	8138692	B5	2143	351446	8138848
B5	2024	351214	8138756	B5	2084	351333	8138694	B5	2144	351450	8138850
B5	2025	351212	8138752	B5	2085	351328	8138696	B5	2145	351450	8138851
B5	2026	351211	8138750	B5	2086	351325	8138700	B5	2146	351454	8138853
B5	2027	351209	8138746	B5	2087	351324	8138701	B5	2147	351457	8138856
B5	2028	351207	8138741	B5	2088	351321	8138703	B5	2148	351461	8138858
B5	2029	351204	8138736	B5	2089	351319	8138706	B5	2149	351464	8138860
B5	2030	351200	8138732	B5	2090	351317	8138709	B5	2150	351468	8138863
B5	2031	351196	8138728	B5	2091	351316	8138711	B5	2151	351472	8138864
B5	2032	351193	8138724	B5	2092	351315	8138716	B5	2152	351477	8138866
B5	2033	351192	8138724	B5	2093	351313	8138722	B5	2153	351481	8138866
B5	2034	351191	8138721	B5	2094	351312	8138725	B5	2154	351481	8138870
B5	2035	351190	8138719	B5	2095	351311	8138728	B5	2155	351479	8138874
B5	2036	351188	8138716	B5	2096	351311	8138732	B5	2156	351478	8138878
B5	2037	351187	8138714	B5	2097	351311	8138733	B5	2157	351477	8138882
B5	2038	351185	8138711	B5	2098	351311	8138738	B5	2158	351477	8138886
B5	2039	351184	8138708	B5	2099	351313	8138743	B5	2159	351477	8138935
B5	2040	351181	8138705	B5	2100	351314	8138748	B5	2160	351477	8138940

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Sheets 1 - 4  
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Part ID	Unique ID	Easting	Northing	Part ID	Unique ID	Easting	Northing	Part ID	Unique ID	Easting	Northing
B5	2161	351479	8138945	B5	2221	351615	8139064	B5	2281	351734	8139001
B5	2162	351480	8138950	B5	2222	351621	8139070	B5	2282	351739	8139000
B5	2163	351481	8138952	B5	2223	351623	8139073	B5	2283	351741	8138999
B5	2164	351483	8138955	B5	2224	351626	8139075	B5	2284	351744	8138997
B5	2165	351485	8138958	B5	2225	351628	8139077	B5	2285	351747	8138995
B5	2166	351488	8138960	B5	2226	351633	8139080	B5	2286	351749	8138992
B5	2167	351490	8138963	B5	2227	351637	8139082	B5	2287	351750	8138991
B5	2168	351491	8138963	B5	2228	351642	8139083	B5	2288	351753	8138989
B5	2169	351492	8138966	B5	2229	351647	8139084	B5	2289	351754	8138986
B5	2170	351495	8138968	B5	2230	351648	8139084	B5	2290	351755	8138986
B5	2171	351496	8138970	B5	2231	351652	8139084	B5	2291	351757	8138982
B5	2172	351497	8138970	B5	2232	351656	8139083	B5	2292	351758	8138982
B5	2173	351498	8138973	B5	2233	351661	8139082	B5	2293	351760	8138980
B5	2174	351498	8138973	B5	2234	351665	8139081	B5	2294	351762	8138983
B5	2175	351501	8138975	B5	2235	351669	8139079	B5	2295	351765	8138986
B5	2176	351502	8138977	B5	2236	351673	8139077	B5	2296	351769	8138988
B5	2177	351503	8138977	B5	2237	351676	8139074	B5	2297	351773	8138990
B5	2178	351504	8138980	B5	2238	351679	8139071	B5	2298	351776	8138992
B5	2179	351507	8138982	B5	2239	351682	8139068	B5	2299	351780	8138994
B5	2180	351510	8138985	B5	2240	351682	8139067	B5	2300	351784	8138996
B5	2181	351513	8138988	B5	2241	351684	8139065	B5	2301	351788	8138997
B5	2182	351517	8138991	B5	2242	351685	8139063	B5	2302	351793	8138998
B5	2183	351520	8138992	B5	2243	351686	8139063	B5	2303	351795	8138999
B5	2184	351524	8138994	B5	2244	351686	8139062	B5	2304	351798	8138999
B5	2185	351529	8138995	B5	2245	351686	8139062	B5	2305	351802	8139000
B5	2186	351533	8138995	B5	2246	351687	8139061	B5	2306	351805	8139001
B5	2187	351534	8138995	B5	2247	351688	8139060	B5	2307	351809	8139001
B5	2188	351539	8138995	B5	2248	351688	8139059	B5	2308	351810	8139001
B5	2189	351543	8138994	B5	2249	351689	8139058	B5	2309	351815	8139001
B5	2190	351547	8138996	B5	2250	351690	8139057	B5	2310	351819	8139002
B5	2191	351552	8138998	B5	2251	351690	8139057	B5	2311	351824	8139003
B5	2192	351556	8138999	B5	2252	351691	8139056	B5	2312	351828	8139003
B5	2193	351561	8139000	B5	2253	351692	8139055	B5	2313	351830	8139003
B5	2194	351564	8139002	B5	2254	351693	8139053	B5	2314	351833	8139003
B5	2195	351568	8139004	B5	2255	351693	8139053	B5	2315	351841	8139002
B5	2196	351572	8139006	B5	2256	351694	8139052	B5	2316	351844	8139003
B5	2197	351577	8139007	B5	2257	351694	8139052	B5	2317	351847	8139003
B5	2198	351581	8139007	B5	2258	351695	8139050	B5	2318	351851	8139004
B5	2199	351582	8139007	B5	2259	351697	8139047	B5	2319	351856	8139004
B5	2200	351586	8139007	B5	2260	351697	8139047	B5	2320	351857	8139004
B5	2201	351590	8139006	B5	2261	351699	8139043	B5	2321	351861	8139004
B5	2202	351594	8139005	B5	2262	351701	8139039	B5	2322	351865	8139003
B5	2203	351598	8139004	B5	2263	351702	8139035	B5	2323	351868	8139002
B5	2204	351601	8139002	B5	2264	351702	8139033	B5	2324	351873	8139001
B5	2205	351601	8139004	B5	2265	351703	8139031	B5	2325	351878	8138999
B5	2206	351600	8139010	B5	2266	351703	8139028	B5	2326	351883	8138996
B5	2207	351600	8139011	B5	2267	351704	8139026	B5	2327	351883	8138996
B5	2208	351599	8139016	B5	2268	351704	8139023	B5	2328	351889	8138994
B5	2209	351598	8139021	B5	2269	351705	8139021	B5	2329	351894	8138992
B5	2210	351598	8139021	B5	2270	351705	8139018	B5	2330	351896	8138991
B5	2211	351599	8139025	B5	2271	351705	8139014	B5	2331	351899	8138989
B5	2212	351599	8139028	B5	2272	351705	8139011	B5	2332	351902	8138987
B5	2213	351600	8139032	B5	2273	351704	8139007	B5	2333	351903	8138987
B5	2214	351604	8139042	B5	2274	351704	8139006	B5	2334	351906	8138988
B5	2215	351605	8139044	B5	2275	351715	8139006	B5	2335	351910	8138988
B5	2216	351606	8139047	B5	2276	351720	8139005	B5	2336	351920	8138988
B5	2217	351607	8139049	B5	2277	351724	8139004	B5	2337	351925	8138988
B5	2218	351608	8139053	B5	2278	351726	8139004	B5	2338	351930	8138986
B5	2219	351610	8139056	B5	2279	351729	8139003	B5	2339	351935	8138985
B5	2220	351612	8139060	B5	2280	351731	8139002	B5	2340	351935	8138984

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Part ID	Unique ID	Easting	Northing	Part ID	Unique ID	Easting	Northing	Part ID	Unique ID	Easting	Northing
B5	2341	351939	8138984	B5	2401	351775	8138946	B5	2461	351444	8138798
B5	2342	351941	8138984	B5	2402	351770	8138947	B5	2462	351444	8138772
B5	2343	351945	8138984	B5	2403	351759	8138915	B5	2463	351438	8138764
B5	2344	351949	8138984	B5	2404	351755	8138914	B5	2464	351422	8138755
B5	2345	351953	8138983	B5	2405	351746	8138912	B5	2465	351412	8138754
B5	2346	351959	8138983	B5	2406	351728	8138929	B5	2466	351402	8138752
B5	2347	351964	8138983	B5	2407	351724	8138951	B5	2467	351393	8138755
B5	2348	351968	8138982	B5	2408	351736	8138950	B5	2468	351386	8138759
B5	2349	351972	8138980	B5	2409	351735	8138957	B5	2469	351385	8138759
B5	2350	351977	8138978	B5	2410	351726	8138969	B5	2470	351382	8138759
B5	2351	351980	8138976	B5	2411	351714	8138972	B5	2471	351370	8138758
B5	2352	351984	8138973	B5	2412	351708	8138973	B5	2472	351365	8138758
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