

DA Form 1 – Development application details

Approved form (version 1.1 effective 22 JUNE 2018) made under section 282 of the Planning Act 2016.

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

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

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

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

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

This form and any other form relevant to the development application must be used to make a development application relating to strategic port land and Brisbane core port land under the *Transport Infrastructure Act 1994*, and airport land under the *Airport Assets (Restructuring and Disposal) Act 2008*. For the purpose of assessing a development application relating to strategic port land and Brisbane core port land, any reference to a planning scheme is taken to mean a land use plan for the strategic port land, Brisbane port land use plan for Brisbane core port land, or a land use plan for airport land.

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

PART 1 – APPLICANT DETAILS

1) Applicant details	
Applicant name(s) (individual or company full name)	DEPARTMENT OF STATE DEVELOPMENT MANUFACTURING INFRASTRUCTURE AND PLANNING (REGIONAL ECONOMIC DEVELOPMENT) c/o RPS Australia East Pty Ltd
Contact name (only applicable for companies)	Ian Doust, RPS Australia East Pty Ltd
Postal address (P.O. Box or street address)	PO Box 1949
Suburb	Cairns
State	Queensland
Postcode	4870
Country	Australia
Contact number	(07) 4031 1336
Email address (non-mandatory)	ian.doust@rpsgroup.com.au
Mobile number (non-mandatory)	
Fax number (non-mandatory)	
Applicant's reference number(s) (if applicable)	PR140748

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

PART 2 – LOCATION DETAILS

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

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

3.1) Street address and lot on plan

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

a)	Unit No.	Street No.	Street Name and Type	Suburb
	Postcode	Lot No.	Plan Type and Number (e.g. RP, SP)	Local Government Area(s)
		211	SP241404	Aurukun Shire Council
b)	Unit No.	Street No.	Street Name and Type	Suburb
	Postcode	Lot No.	Plan Type and Number (e.g. RP, SP)	Local Government Area(s)
			Archer River	Aurukun Shire Council

3.2) Coordinates of premises (appropriate for development in remote areas, over part of a lot or in water not adjoining or adjacent to land e.g. channel dredging in Moreton Bay)

Note: Place each set of coordinates in a separate row. Only one set of coordinates is required for this part.

Coordinates of premises by longitude and latitude

Longitude(s)	Latitude(s)	Datum	Local Government Area(s) (if applicable)
141°39'57.27"E	13°28'52.42"S,	<input checked="" type="checkbox"/> WGS84 <input type="checkbox"/> GDA94 <input type="checkbox"/> Other:	Aurukun Shire Council

Coordinates of premises by easting and northing

Easting(s)	Northing(s)	Zone Ref.	Datum	Local Government Area(s) (if applicable)
572054.906	8509543.603	<input checked="" type="checkbox"/> 54 <input type="checkbox"/> 55 <input type="checkbox"/> 56	<input type="checkbox"/> WGS84 <input checked="" type="checkbox"/> GDA94 <input type="checkbox"/> Other:	Aurukun Shire Council

3.3) Additional premises

- Additional premises are relevant to this development application and their details have been attached in a schedule to this application
 Not required

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

In or adjacent to a water body or watercourse or in or above an aquifer
Name of water body, watercourse or aquifer: Archer River

On strategic port land under the *Transport Infrastructure Act 1994*
Lot on plan description of strategic port land:
Name of port authority for the lot:

In a tidal area
Name of local government for the tidal area (if applicable): Aurukun Shire Council
Name of port authority for tidal area (if applicable): NA

On airport land under the *Airport Assets (Restructuring and Disposal) Act 2008*
Name of airport:

Listed on the Environmental Management Register (EMR) under the *Environmental Protection Act 1994*

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

5) Are there any existing easements over the premises?

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

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

PART 3 – DEVELOPMENT DETAILS

Section 1 – Aspects of development

6.1) Provide details about the first development aspect

a) What is the type of development? *(tick only one box)*

- Material change of use Reconfiguring a lot Operational work Building work

b) What is the approval type? *(tick only one box)*

- Development permit Preliminary approval Preliminary approval that includes a variation approval

c) What is the level of assessment?

- Code assessment Impact assessment *(requires public notification)*

d) Provide a brief description of the proposal *(e.g. 6 unit apartment building defined as multi-unit dwelling, reconfiguration of 1 lot into 3 lots):*

Operational Work (prescribed Tidal Work) Barge Ramp on the Archer River

e) Relevant plans

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

- Relevant plans of the proposed development are attached to the development application

6.2) Provide details about the second development aspect

a) What is the type of development? *(tick only one box)*

- Material change of use Reconfiguring a lot Operational work Building work

b) What is the approval type? *(tick only one box)*

- Development permit Preliminary approval Preliminary approval that includes a variation approval

c) What is the level of assessment?

- Code assessment Impact assessment *(requires public notification)*

d) Provide a brief description of the proposal *(e.g. 6 unit apartment building defined as multi-unit dwelling, reconfiguration of 1 lot into 3 lots):*

Operational Works (Prescribed Tidal Works)

e) Relevant plans

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

- Relevant plans of the proposed development are attached to the development application

6.3) Additional aspects of development

- Additional aspects of development are relevant to this development application and the details for these aspects

that would be required under Part 3 Section 1 of this form have been attached to this development application
 Not required

Section 2 – Further development details

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

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

Division 1 – Material change of use

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

8.1) Describe the proposed material change of use

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

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

<input type="checkbox"/> Yes		
<input checked="" type="checkbox"/> No		

Division 2 – Reconfiguring a lot

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

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

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

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

10) Subdivision

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

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

10.2) Will the subdivision be staged?

<input type="checkbox"/> Yes – provide additional details below
<input type="checkbox"/> No
How many stages will the works include?
What stage(s) will this development application apply to?

11) Dividing land into parts by agreement – how many parts are being created and what is the intended use of the parts?

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

12) Boundary realignment

12.1) What are the current and proposed areas for each lot comprising the premises?

Current lot		Proposed lot	
Lot on plan description	Area (m ²)	Lot on plan description	Area (m ²)

12.2) What is the reason for the boundary realignment?

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13) What are the dimensions and nature of any existing easements being changed and/or any proposed easement? (attach schedule if there are more than two easements)

Existing or proposed?	Width (m)	Length (m)	Purpose of the easement? (e.g. pedestrian access)	Identify the land/lot(s) benefitted by the easement

Division 3 – Operational work

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

14.1) What is the nature of the operational work?

<input checked="" type="checkbox"/> Road work	<input type="checkbox"/> Stormwater	<input type="checkbox"/> Water infrastructure
<input type="checkbox"/> Drainage work	<input checked="" type="checkbox"/> Earthworks	<input type="checkbox"/> Sewage infrastructure
<input type="checkbox"/> Landscaping	<input type="checkbox"/> Signage	<input checked="" type="checkbox"/> Clearing vegetation
<input checked="" type="checkbox"/> Other – please specify:	Prescribed tidal works	

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

<input type="checkbox"/> Yes – specify number of new lots:	
<input checked="" type="checkbox"/> No	

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

\$

PART 4 – ASSESSMENT MANAGER DETAILS

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

Aurukun Shire Council

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

<input type="checkbox"/> Yes – a copy of the decision notice is attached to this development application
<input type="checkbox"/> Local government is taken to have agreed to the superseded planning scheme request – relevant documents attached
<input checked="" type="checkbox"/> No

PART 5 – REFERRAL DETAILS

17) Do any aspects of the proposed development require referral for any referral requirements?

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

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

Matters requiring referral to the **Chief Executive of the Planning Regulation 2017:**

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

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

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

Matters requiring referral to the chief executive of the distribution entity or transmission entity: <input type="checkbox"/> Electricity infrastructure
Matters requiring referral to: <ul style="list-style-type: none"> • The Chief executive of the holder of the licence, if not an individual • The holder of the licence, if the holder of the licence is an individual <input type="checkbox"/> Oil and gas infrastructure
Matters requiring referral to the Brisbane City Council: <input type="checkbox"/> Brisbane core port land
Matters requiring referral to the Minister under the <i>Transport Infrastructure Act 1994</i>: <input type="checkbox"/> Brisbane core port land (inconsistent with Brisbane port LUP for transport reasons) <input type="checkbox"/> Strategic port land
Matters requiring referral to the relevant port operator: <input type="checkbox"/> Land within Port of Brisbane's port limits (below high-water mark)
Matters requiring referral to the Chief Executive of the relevant port authority: <input type="checkbox"/> Land within limits of another port (below high-water mark)
Matters requiring referral to the Gold Coast Waterways Authority: <input type="checkbox"/> Tidal works, or work in a coastal management district in Gold Coast waters
Matters requiring referral to the Queensland Fire and Emergency Service: <input type="checkbox"/> Tidal works marina (<i>more than six vessel berths</i>)

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

PART 6 – INFORMATION REQUEST

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

PART 7 – FURTHER DETAILS

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

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

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

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

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

Amount paid	Date paid (dd/mm/yy)	QLeave levy number
\$		

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

- Yes – show cause or enforcement notice is attached
 No

23) Further legislative requirements

Environmentally relevant activities

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

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

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

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

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

Hazardous chemical facilities

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

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

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

Clearing native vegetation

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

section 22A of the *Vegetation Management Act 1999*?

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

No

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

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

Environmental offsets

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

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

No

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

Koala conservation

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

Yes

No

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

Water resources

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

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

No

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

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

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

Waterway barrier works

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

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

No

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

Marine activities

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

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

No

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

Quarry materials from a watercourse or lake

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

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

No

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

Quarry materials from land under tidal waters

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

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

No

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

Referable dams

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

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

No

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

Tidal work or development within a coastal management district

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

Yes – the following is included with this development application:

Evidence the proposal meets the code for assessable development that is prescribed tidal work (*only required if application involves prescribed tidal work*)

A certificate of title

No

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

Queensland and local heritage places

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

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

No

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

Name of the heritage place:		Place ID:	
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Brothels

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

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

No

Decision under section 62 of the Transport Infrastructure Act 1994

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

Yes - this application will be taken to be an application for a decision under section 62 of the *Transport Infrastructure Act 1994* (subject to the conditions in section 75 of the *Transport Infrastructure Act 1994* being satisfied)

No

PART 8 – CHECKLIST AND APPLICANT DECLARATION

24) Development application checklist

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

Yes

Note: See the Planning Regulation 2017 for referral requirements

If building work is associated with the proposed development, Parts 4 to 6 of *DA Form 2 – Building work details* have been completed and attached to this development application

Yes

Not applicable

Supporting information addressing any applicable assessment benchmarks is with development application

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

Yes

Relevant plans of the development are attached to this development application

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

Yes

The portable long service leave levy for QLeave has been paid, or will be paid before a development permit is issued (see 21))

Yes

Not applicable

25) Applicant declaration

By making this development application, I declare that all information in this development application is true and correct

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

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

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

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

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

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

PART 9 – FOR OFFICE USE ONLY

Date received:

Reference number(s):

Notification of engagement of alternative assessment manager

Prescribed assessment manager

Name of chosen assessment manager

Date chosen assessment manager engaged

Contact number of chosen assessment manager

Relevant licence number(s) of chosen assessment manager

QLeave notification and payment

Note: For completion by assessment manager if applicable

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



Ngan Aak-Kunch Aboriginal Corporation

ICN 4097

25 May 2018

Annette Tranent
Principal Project Officer
Regional Economic Development
Department of State Development, Manufacturing, Infrastructure and Planning

By Email: Annette.Tranent@dsmip.qld.gov.au

Dear Annette,

Re: Aurukun Barge Landing

Thank you for attending the meeting of the board of Ngan Aak-Kunch Aboriginal Corporation RNTBC (NAK) on 23 May 2018 to discuss construction of the Aurukun barge landing and other associated infrastructure.

Reproduced below is a copy of the resolution passed at that meeting:

The board resolve to:

- (a) Provide formal approval to the Aurukun barge ramp and road construction project including providing a letter of support on condition that:
 - That NAK is informed at every step of the project including, but not limited to, tendering, advertising, employment opportunities, native title holder engagement and cultural heritage related issues; and
 - APN is responsible for its ongoing maintenance.

Moved by: Roy Chevathen
Seconded by: Llyle Kawangka
Carried

This correspondence is provided as the letter of the support referred to in the resolution above.

Yours faithfully

A handwritten signature in black ink, appearing to read 'Barbara Bandicootcha', is written over a thin red horizontal line.

Barbara Bandicootcha
Chairperson, Ngan Aak-Kunch Aboriginal Corporation RNTBC

CURRENT TITLE SEARCH

NATURAL RESOURCES, MINES AND ENERGY, QUEENSLAND

Request No: 29898917

Search Date: 01/11/2018 07:53

Title Reference: 50925478

Date Created: 01/10/2013

Previous Title: 40066955

REGISTERED OWNER

Dealing No: 715341200 01/10/2013

NGAN AAK-KUNCH ABORIGINAL CORPORATION RNTBC
TRUSTEE

FOR THE NATIVE TITLE HOLDERS OF THE LAND, THE WIK AND WIK
WAY PEOPLES, AND UNDER THE ABORIGINAL LAND ACT 1991

ESTATE AND LAND

Estate in Fee Simple

LOT 39 SURVEY PLAN 239441
Local Government: AURUKUN
LOT 40 SURVEY PLAN 239441
Local Government: AURUKUN
LOT 211 SURVEY PLAN 241404
Local Government: AURUKUN
LOT 213 SURVEY PLAN 241407
Local Government: AURUKUN

EASEMENTS, ENCUMBRANCES AND INTERESTS

1. Rights and interests reserved to the Crown by
Deed of Grant No. 40066955 (Lot 39 on SP 239441)
(Lot 40 on SP 239441)
(Lot 211 on SP 241404)
(Lot 213 on SP 241407)
2. NOTING No 715341199 01/10/2013 at 10:00
IN ACCORDANCE WITH SECTION (44) OF THE ABORIGINAL LAND ACT
1991 THIS DEED OF GRANT TAKES EFFECT AS FROM 11:10AM ON THE
18TH SEPTEMBER 2013

ADMINISTRATIVE ADVICES

Dealing	Type	Lodgement Date	Status
713004652	VEG NOTICE VEGETATION MANAGEMENT ACT 1999	19/01/2010 15:53	CURRENT
713412322	NT DETERM NATIVE TITLE ACT 1993 (CTH)	17/08/2010 14:33	CURRENT
718376086	CON COM AGMT MINERAL AND ENERGY RESOURCES (COMMON PROVISIONS) ACT 2014	03/11/2017 11:37	CURRENT
718893492	CON COM AGMT MINERAL AND ENERGY RESOURCES (COMMON PROVISIONS) ACT 2014	26/07/2018 14:14	CURRENT

UNREGISTERED DEALINGS - NIL

CERTIFICATE OF TITLE ISSUED - No

CURRENT TITLE SEARCH

NATURAL RESOURCES, MINES AND ENERGY, QUEENSLAND

Request No: 29898917

Search Date: 01/11/2018 07:53

Title Reference: 50925478

Date Created: 01/10/2013

Caution - Charges do not necessarily appear in order of priority

** End of Current Title Search **

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Requested By: D-ENQ URBIS PRO

Author: Tanya Murphy
File / Ref number: 2018/006885
Directorate / Unit: State Land Asset Management
Phone: (07) 4794 8910



Department of
Natural Resources,
Mines and Energy

19 February 2019

Attn: Ian Doust
RPS Australia East Pty Ltd
PO Box 1949
Cairns QLD 4870

Email: ian.doust@rpsgroup.com.au

Dear Ian

Reference is made to the request for owners consent required to accompany the development application for operational work (prescribed tidal work) for the construction of the Mipwun barge ramp within the Archer River adjoining lot 211 on SP241404.

The department hereby gives owner's consent to the above development application for operational work (prescribed tidal work) for the construction of the Mipwun barge ramp within the Archer River adjoining lot 211 on SP241404.

Although owner's consent to the development application has been provided and no tenure under the Land Act is required, your client is to undertake works on the land only if and when the development application has been approved by the assessment manager or responsible entity, and in accordance with the conditions of that approval.

A copy of this letter is to be attached to your client's DA Form 1 as the required evidence of owners consent.

Your client will also need to comply with all other legislative and regulatory requirements which may also include approvals that are not part of the assessment of the development application under the *Planning Act 2016* e.g. a marine park permit if in a marine park.

Further, please note that the above consent will expire on 18 August 2019. Should the development application not be lodged with the assessment manager prior to this date, you or your client will be required again to lodge the DA Form 1 and any attachments with this Department with a further request for owner's consent - any further request will need to be reconsidered by the Department.

It is also advised that any land use activities must comply with the *Aboriginal Cultural Heritage Act 2003* or the *Torres Strait Islander Heritage Act 2003*.

Finally, owner's consent is required under the *Planning Act 2016* to enable the application to be considered properly made for lodging with the assessment manager and is a completely separate process to assessment of the application under the *Planning Act 2016*.

Accordingly, the State may act at a later date as assessment manager in the assessment of the development application - providing owner's consent will not influence any role the State may have in this development assessment.

Postal :
DNRME Cloncurry
PO Box 5318
Townsville
4810 QLD

Telephone : (07) 4794 8910
Fax: (07) 4742 0214

All future correspondence relative to this matter is to be referred to the contact Officer at the address below or by email to townsville.slams@dnrme.qld.gov.au. Any hard copy correspondence received will be electronically scanned and filed. For this reason, it is recommended that any attached plans, sketches or maps be no larger than A3-sized.

If you wish to discuss this matter please contact Tanya Murphy on (07) 4794 8910.

Please quote reference number 2018/006885 in any future correspondence.

Yours sincerely

A handwritten signature in black ink, appearing to read 'D Holder'.

Deanna Holder
Senior Land Officer
A duly authorised delegate of the Minister
under the current Land Act (Ministerial) Delegation

DA Form 1 – Development application details

Approved form (version 1.1 effective 22 JUNE 2018) made under section 282 of the Planning Act 2016.

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

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

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

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

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

This form and any other form relevant to the development application must be used to make a development application relating to strategic port land and Brisbane core port land under the *Transport Infrastructure Act 1994*, and airport land under the *Airport Assets (Restructuring and Disposal) Act 2008*. For the purpose of assessing a development application relating to strategic port land and Brisbane core port land, any reference to a planning scheme is taken to mean a land use plan for the strategic port land, Brisbane port land use plan for Brisbane core port land, or a land use plan for airport land.

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

PART 1 – APPLICANT DETAILS

1) Applicant details	
Applicant name(s) (individual or company full name)	DEPARTMENT OF STATE DEVELOPMENT MANUFACTURING INFRASTRUCTURE AND PLANNING (REGIONAL ECONOMIC DEVELOPMENT) c/o RPS Australia East Pty Ltd
Contact name (only applicable for companies)	Ian Doust, RPS Australia East Pty Ltd
Postal address (P.O. Box or street address)	PO Box 1949
Suburb	Cairns
State	Queensland
Postcode	4870
Country	Australia
Contact number	(07) 4031 1336
Email address (non-mandatory)	ian.doust@rpsgroup.com.au
Mobile number (non-mandatory)	
Fax number (non-mandatory)	
Applicant's reference number(s) (if applicable)	PR140748

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

PART 2 – LOCATION DETAILS

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

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

3.1) Street address and lot on plan

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

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

a)	Unit No.	Street No.	Street Name and Type	Suburb
	Postcode	Lot No.	Plan Type and Number (e.g. RP, SP)	Local Government Area(s)
		211	SP241404	Aurukun Shire Council
b)	Unit No.	Street No.	Street Name and Type	Suburb
	Postcode	Lot No.	Plan Type and Number (e.g. RP, SP)	Local Government Area(s)
			Archer River	Aurukun Shire Council

3.2) Coordinates of premises (appropriate for development in remote areas, over part of a lot or in water not adjoining or adjacent to land e.g. channel dredging in Moreton Bay)

Note: Place each set of coordinates in a separate row. Only one set of coordinates is required for this part.

Coordinates of premises by longitude and latitude

Longitude(s)	Latitude(s)	Datum	Local Government Area(s) (if applicable)
141°39'57.27"E	13°28'52.42"S,	<input checked="" type="checkbox"/> WGS84 <input type="checkbox"/> GDA94 <input type="checkbox"/> Other:	Aurukun Shire Council

Coordinates of premises by easting and northing

Easting(s)	Northing(s)	Zone Ref.	Datum	Local Government Area(s) (if applicable)
572054.906	8509543.603	<input checked="" type="checkbox"/> 54 <input type="checkbox"/> 55 <input type="checkbox"/> 56	<input type="checkbox"/> WGS84 <input checked="" type="checkbox"/> GDA94 <input type="checkbox"/> Other:	Aurukun Shire Council

3.3) Additional premises

Additional premises are relevant to this development application and their details have been attached in a schedule to this application

Not required

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

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

Name of water body, watercourse or aquifer:

Archer River

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

Lot on plan description of strategic port land:

Name of port authority for the lot:

In a tidal area

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

Aurukun Shire Council

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

NA

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

Name of airport:

Listed on the Environmental Management Register (EMR) under the *Environmental Protection Act 1994*

EMR site identification:

Listed on the Contaminated Land Register (CLR) under the *Environmental Protection Act 1994*

CLR site identification:

5) Are there any existing easements over the premises?

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

Yes – All easement locations, types and dimensions are included in plans submitted with this development application

No

PART 3 – DEVELOPMENT DETAILS

Section 1 – Aspects of development

6.1) Provide details about the first development aspect

a) What is the type of development? *(tick only one box)*

Material change of use

Reconfiguring a lot

Operational work

Building work

b) What is the approval type? *(tick only one box)*

Development permit

Preliminary approval

Preliminary approval that includes a variation approval

c) What is the level of assessment?

Code assessment

Impact assessment *(requires public notification)*

d) Provide a brief description of the proposal *(e.g. 6 unit apartment building defined as multi-unit dwelling, reconfiguration of 1 lot into 3 lots):*

Operational Work (prescribed Tidal Work) Barge Ramp on the Archer River

e) Relevant plans

Note: Relevant plans are required to be submitted for all aspects of this development application. For further information, see DA Forms guide: Relevant plans.

Relevant plans of the proposed development are attached to the development application

6.2) Provide details about the second development aspect

a) What is the type of development? *(tick only one box)*

Material change of use

Reconfiguring a lot

Operational work

Building work

b) What is the approval type? *(tick only one box)*

Development permit

Preliminary approval

Preliminary approval that includes a variation approval

c) What is the level of assessment?

Code assessment

Impact assessment *(requires public notification)*

d) Provide a brief description of the proposal *(e.g. 6 unit apartment building defined as multi-unit dwelling, reconfiguration of 1 lot into 3 lots):*

Operational Works (Prescribed Tidal Works)

e) Relevant plans

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

Relevant plans of the proposed development are attached to the development application

6.3) Additional aspects of development

Additional aspects of development are relevant to this development application and the details for these aspects

that would be required under Part 3 Section 1 of this form have been attached to this development application
 Not required

Section 2 – Further development details

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

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

Division 1 – Material change of use

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

8.1) Describe the proposed material change of use

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

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

<input type="checkbox"/> Yes		
<input checked="" type="checkbox"/> No		

Division 2 – Reconfiguring a lot

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

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

--

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

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

10) Subdivision

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

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

10.2) Will the subdivision be staged?

Yes – provide additional details below
 No

How many stages will the works include?

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

11) Dividing land into parts by agreement – how many parts are being created and what is the intended use of the parts?

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

12) Boundary realignment

12.1) What are the current and proposed areas for each lot comprising the premises?

Current lot		Proposed lot	
Lot on plan description	Area (m ²)	Lot on plan description	Area (m ²)

12.2) What is the reason for the boundary realignment?

13) What are the dimensions and nature of any existing easements being changed and/or any proposed easement? (attach schedule if there are more than two easements)

Existing or proposed?	Width (m)	Length (m)	Purpose of the easement? (e.g. pedestrian access)	Identify the land/lot(s) benefitted by the easement

Division 3 – Operational work

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

14.1) What is the nature of the operational work?

- | | | |
|--|--|---|
| <input checked="" type="checkbox"/> Road work | <input type="checkbox"/> Stormwater | <input type="checkbox"/> Water infrastructure |
| <input type="checkbox"/> Drainage work | <input checked="" type="checkbox"/> Earthworks | <input type="checkbox"/> Sewage infrastructure |
| <input type="checkbox"/> Landscaping | <input type="checkbox"/> Signage | <input checked="" type="checkbox"/> Clearing vegetation |
| <input checked="" type="checkbox"/> Other – please specify: Prescribed tidal works | | |

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

Yes – specify number of new lots:

No

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

\$

PART 4 – ASSESSMENT MANAGER DETAILS

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

Aurukun Shire Council

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

Yes – a copy of the decision notice is attached to this development application

Local government is taken to have agreed to the superseded planning scheme request – relevant documents attached

No

PART 5 – REFERRAL DETAILS

17) Do any aspects of the proposed development require referral for any referral requirements?

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

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

Matters requiring referral to the Chief Executive of the Planning Regulation 2017:

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

Matters requiring referral to the local government:

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

Matters requiring referral to the chief executive of the distribution entity or transmission entity: <input type="checkbox"/> Electricity infrastructure
Matters requiring referral to: <ul style="list-style-type: none"> • The Chief executive of the holder of the licence, if not an individual • The holder of the licence, if the holder of the licence is an individual <input type="checkbox"/> Oil and gas infrastructure
Matters requiring referral to the Brisbane City Council: <input type="checkbox"/> Brisbane core port land
Matters requiring referral to the Minister under the <i>Transport Infrastructure Act 1994</i>: <input type="checkbox"/> Brisbane core port land (inconsistent with Brisbane port LUP for transport reasons) <input type="checkbox"/> Strategic port land
Matters requiring referral to the relevant port operator: <input type="checkbox"/> Land within Port of Brisbane's port limits (below high-water mark)
Matters requiring referral to the Chief Executive of the relevant port authority: <input type="checkbox"/> Land within limits of another port (below high-water mark)
Matters requiring referral to the Gold Coast Waterways Authority: <input type="checkbox"/> Tidal works, or work in a coastal management district in Gold Coast waters
Matters requiring referral to the Queensland Fire and Emergency Service: <input type="checkbox"/> Tidal works marina (<i>more than six vessel berths</i>)

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

PART 6 – INFORMATION REQUEST

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

PART 7 – FURTHER DETAILS

20) Are there any associated development applications or current approvals? (e.g. a preliminary approval)			
<input type="checkbox"/> Yes – provide details below or include details in a schedule to this development application <input checked="" type="checkbox"/> No			
List of approval/development application references	Reference number	Date	Assessment manager
<input type="checkbox"/> Approval <input type="checkbox"/> Development application			
<input type="checkbox"/> Approval <input type="checkbox"/> Development application			

21) Has the portable long service leave levy been paid? (only applicable to development applications involving building work or operational work)		
<input type="checkbox"/> Yes – a copy of the receipted QLeave form is attached to this development application <input checked="" type="checkbox"/> No – I, the applicant will provide evidence that the portable long service leave levy has been paid before the assessment manager decides the development application. I acknowledge that the assessment manager may give a development approval only if I provide evidence that the portable long service leave levy has been paid <input type="checkbox"/> Not applicable (e.g. building and construction work is less than \$150,000 excluding GST)		
Amount paid	Date paid (dd/mm/yy)	QLeave levy number
\$		

22) Is this development application in response to a show cause notice or required as a result of an enforcement notice?	
<input type="checkbox"/> Yes – show cause or enforcement notice is attached <input checked="" type="checkbox"/> No	

23) Further legislative requirements			
<u>Environmentally relevant activities</u>			
23.1) Is this development application also taken to be an application for an environmental authority for an Environmentally Relevant Activity (ERA) under section 115 of the <i>Environmental Protection Act 1994</i> ?			
<input type="checkbox"/> Yes – the required attachment (form ESR/2015/1791) for an application for an environmental authority accompanies this development application, and details are provided in the table below <input checked="" type="checkbox"/> No			
<i>Note: Application for an environmental authority can be found by searching "ESR/2015/1791" as a search term at www.qld.gov.au. An ERA requires an environmental authority to operate. See www.business.qld.gov.au for further information.</i>			
Proposed ERA number:		Proposed ERA threshold:	
Proposed ERA name:			
<input type="checkbox"/> Multiple ERAs are applicable to this development application and the details have been attached in a schedule to this development application.			

<u>Hazardous chemical facilities</u>	
23.2) Is this development application for a hazardous chemical facility?	
<input type="checkbox"/> Yes – Form 69: Notification of a facility exceeding 10% of schedule 15 threshold is attached to this development application <input checked="" type="checkbox"/> No	
<i>Note: See www.business.qld.gov.au for further information about hazardous chemical notifications.</i>	

<u>Clearing native vegetation</u>	
23.3) Does this development application involve clearing native vegetation that requires written confirmation that the chief executive of the <i>Vegetation Management Act 1999</i> is satisfied the clearing is for a relevant purpose under	

section 22A of the *Vegetation Management Act 1999*?

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

No

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

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

Environmental offsets

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

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

No

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

Koala conservation

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

Yes

No

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

Water resources

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

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

No

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

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

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

Waterway barrier works

23.7) Does this application involve waterway barrier works?

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

No

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

Marine activities

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

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

No

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

Quarry materials from a watercourse or lake

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

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

No

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

Quarry materials from land under tidal waters

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

Yes – I acknowledge that a quarry material allocation notice must be obtained prior to commencing development
 No

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

Referable dams

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

Yes – the 'Notice Accepting a Failure Impact Assessment' from the chief executive administering the Water Supply Act is attached to this development application
 No

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

Tidal work or development within a coastal management district

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

Yes – the following is included with this development application:
 Evidence the proposal meets the code for assessable development that is prescribed tidal work (only required if application involves prescribed tidal work)
 A certificate of title
 No

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

Queensland and local heritage places

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

Yes – details of the heritage place are provided in the table below
 No

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

Name of the heritage place:		Place ID:	
-----------------------------	--	-----------	--

Brothels

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

Yes – this development application demonstrates how the proposal meets the code for a development application for a brothel under Schedule 3 of the *Prostitution Regulation 2014*
 No

Decision under section 62 of the Transport Infrastructure Act 1994

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

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

PART 8 – CHECKLIST AND APPLICANT DECLARATION

24) Development application checklist

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

Yes

Note: See the Planning Regulation 2017 for referral requirements

If building work is associated with the proposed development, Parts 4 to 6 of DA Form 2 – Building work details have been completed and attached to this development application

Yes

Not applicable

Supporting information addressing any applicable assessment benchmarks is with development application

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

Yes

Relevant plans of the development are attached to this development application

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

Yes

The portable long service leave levy for QLeave has been paid, or will be paid before a development permit is issued (see 21))

Yes

Not applicable

25) Applicant declaration

By making this development application, I declare that all information in this development application is true and correct

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

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

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

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

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

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

PART 9 – FOR OFFICE USE ONLY

Date received:

Reference number(s):

Notification of engagement of alternative assessment manager

Prescribed assessment manager

Name of chosen assessment manager

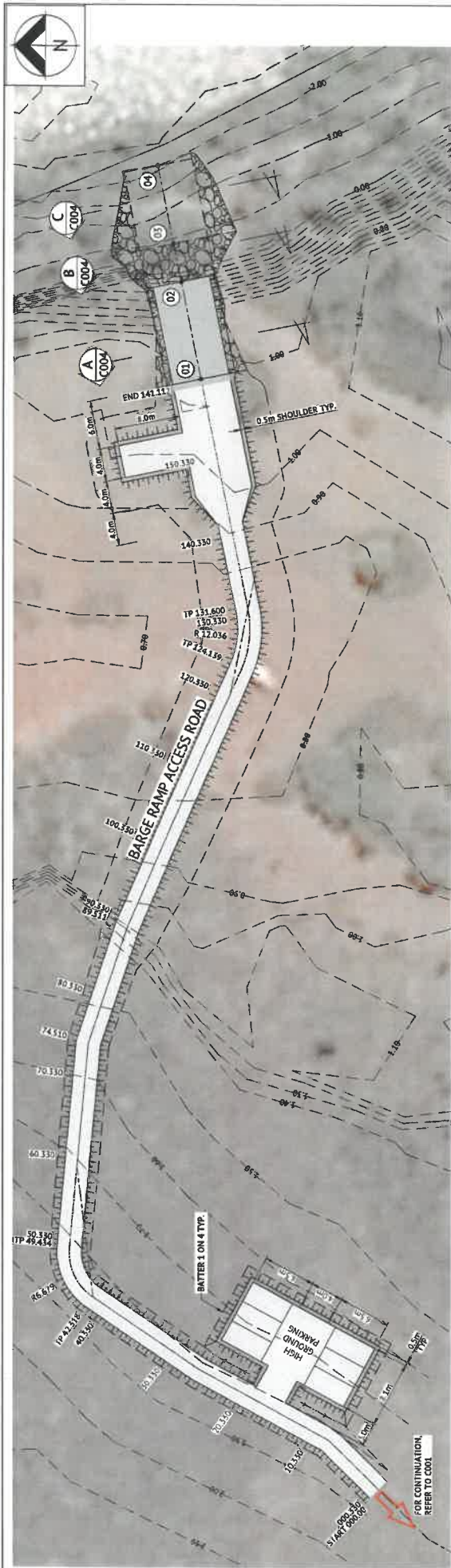
Date chosen assessment manager engaged

Contact number of chosen assessment manager

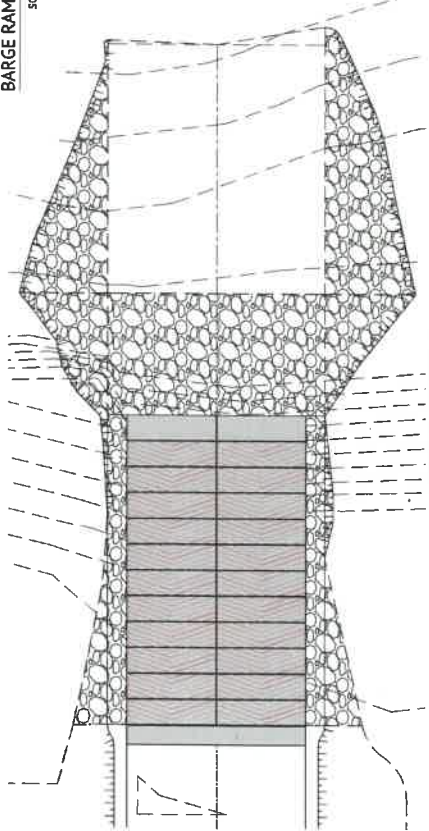
Relevant licence number(s) of chosen assessment manager

QLeave notification and payment*Note: For completion by assessment manager if applicable*

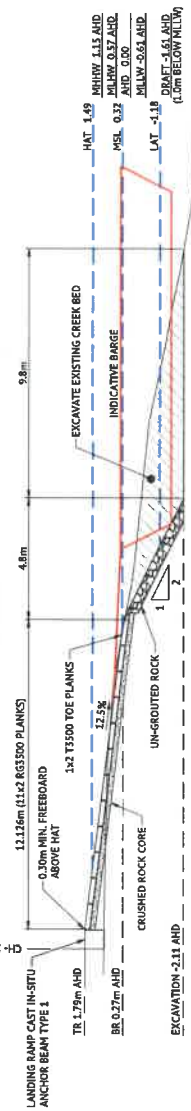
Description of the work	
QLeave project number	
Amount paid (\$)	
Date paid	
Date received form sighted by assessment manager	
Name of officer who sighted the form	



BARGE RAMP LAYOUT PLAN
SCALE 1:250



BARGE RAMP DETAIL
SCALE 1:100



BARGE RAMP - TYPICAL RAMP LONG SECTION
SCALE 1:100

GENERAL NOTES

1. ALL DIMENSIONS ON THE DRAWINGS ARE IN METRES UNLESS OTHERWISE STATED.
2. LEVELS AND GRADIENTS AT JUNCTIONS WITH EXISTING WORKS MAY BE VARIED AS REQUIRED TO ACHIEVE SATISFACTORY CONNECTIONS.
3. ALL ROAD PAVEMENT MATERIAL TO BE LOCALLY SOURCED.
4. FINAL PAVEMENT DEPTHS SHALL PROVIDE FLOOD IMMUNITY FOR THE HIGHEST ASTRONOMICAL TIDE.
5. THE CONTRACTOR SHALL VERIFY LOCATIONS OF EXISTING SERVICES WITH ALL RELEVANT AGENCIES PRIOR TO ANY WORKING.
6. REFER TO OTHER STANDARD DRAWINGS FOR BARGE RAMP CONSTRUCTION DETAILS.

RAMP SETOUT DETAILS

POINT	EASTING	NORTHING
01	572065893	8509547398
02	572075773	8509500430
03	572080444	8509551386
04	572091001	8509553342

LEGEND

- ROAD AND HARDSTAND PAVEMENT
- CONCRETE BARGE RAMP

FOR CONSTRUCTION

TOWNSVILLE OFFICE
84 DENHAM STREET
PO BOX 1110
TOWNSVILLE QLD 4810
PH: (07) 4773 0666
WEB: www.premise.com.au



DESIGNED G. CAMPBELL
CHECKED M. GRIFFEY
ENGINEERING CLIENT/CHECKED BY R. PERKINS RPEQ 2319

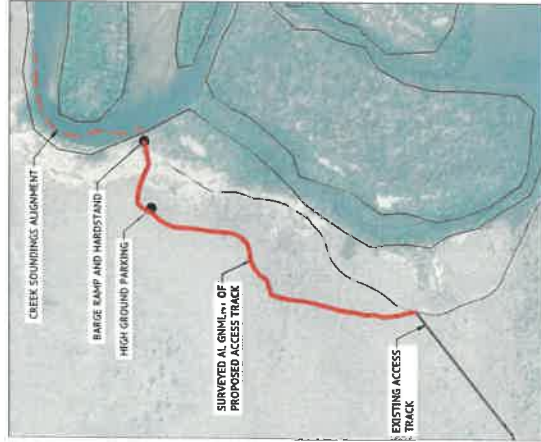
SCALE
0 2 4 6m
SCALE 1:100 (A1)
0 5 10 15m
SCALE 1:250 (A1)
ORIGINAL SHEET SIZE A

CLIENT THE DEPARTMENT OF STATE DEVELOPMENT
PROJECT MIPWUN BARGE RAMP
LOCATION MIPWUN
SHEET TITLE GENERAL ARRANGEMENT

FILE CODE ALL-0006
SHEET NUMBER C003
REV A

NO.	DATE	BY	CHK	APP

MIPWUN BARGE RAMP MIPWUN FOR THE DEPARTMENT OF STATE DEVELOPMENT



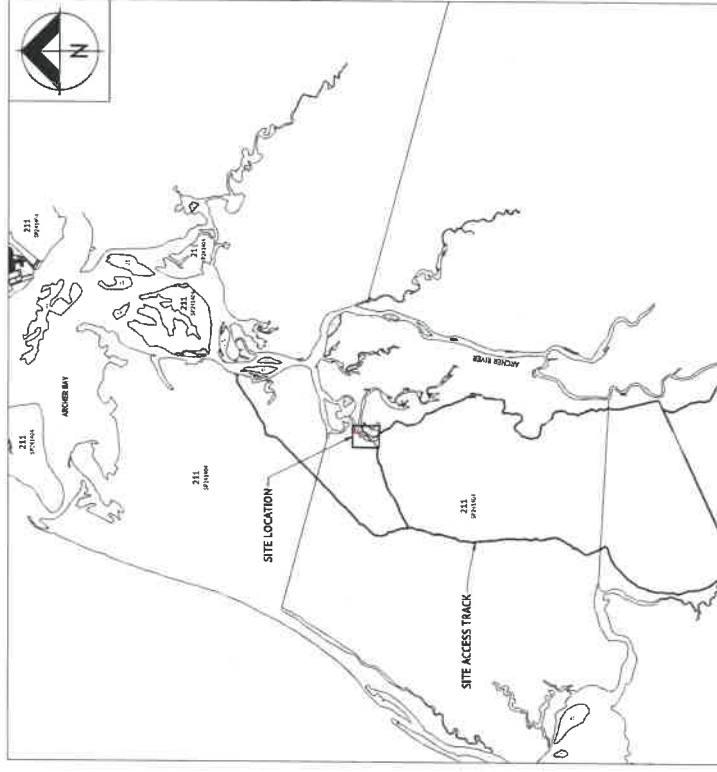
SITE ACCESS PLAN

Station Number	Existing	Northing
BENCHMARK C1	572054.906	8309545.613
BENCHMARK C2	572005.805	8309544.138
BENCHMARK C3	571986.084	8309659.511

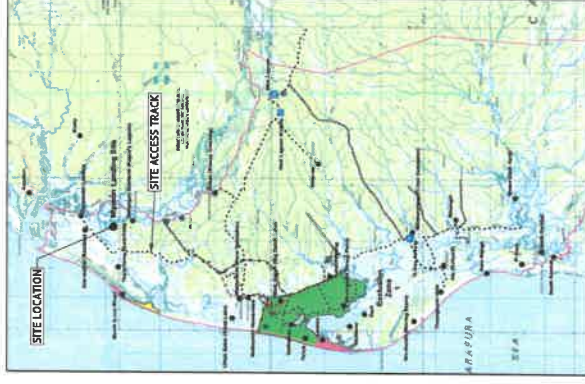
COORDINATES ARE MGA ZONE 54 WIDE GNSS HEIGHTS ARE AND DERIVED WIDE AUSGEODID 09'

INDEMNITY - EXISTING SERVICES

NOTWITHSTANDING THAT EXISTING SERVICES MAY OR MAY NOT BE SHOWN ON THESE DRAWINGS, NO RESPONSIBILITY IS TAKEN BY THE ENGINEER OR THE PRINCIPAL FOR THIS INFORMATION WHICH HAS BEEN SUPPLIED BY OTHERS. THE DETAILS ARE PROVIDED FOR INFORMATION ONLY. THE ENGINEER AND/OR PRINCIPAL SHALL BE RESPONSIBLE FOR UNDERGROUND SERVICES PRIOR TO EXCAVATION AND SHALL BE RESPONSIBLE FOR THE COST OF REPAIRS TO DAMAGES CAUSED AS A RESULT OF THE WORKS.



LOCALITY PLAN



SITE MAP

Sheet Number	Sheet Title
C001	COVER SHEET, LOCALITY PLAN AND DRAWING SCHEDULE
C002	SAFETY IN DESIGN
C003	GENERAL ARRANGEMENT
C004	TYPICAL SECTIONS

Drawing Number	Drawing Description
4000	PRECAST PLANS FOR BOAT RAMP TYPE RG4000 AND RG5500
4002	PRECAST PLANS FOR BOAT RAMP TYPES T4000 AND T3500
4020	BOAT RAMP CONSTRUCTION - PRECAST PLANK INSTALLATION AND ANCHOR BEAM - TYPES 1 AND 2
4021	BOAT RAMP CONSTRUCTION - EARTHWORKS AND CRUSHED ROCK CORE DETAILS
4022	BOAT RAMP CONSTRUCTION - FULLY GROUTED SHOULDERS AND UNGROUTED SHOULDERS

FOR CONSTRUCTION

REAL PROPERTY DESCRIPTION
LOT 211 ON SP241404

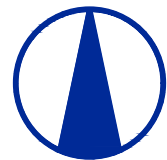
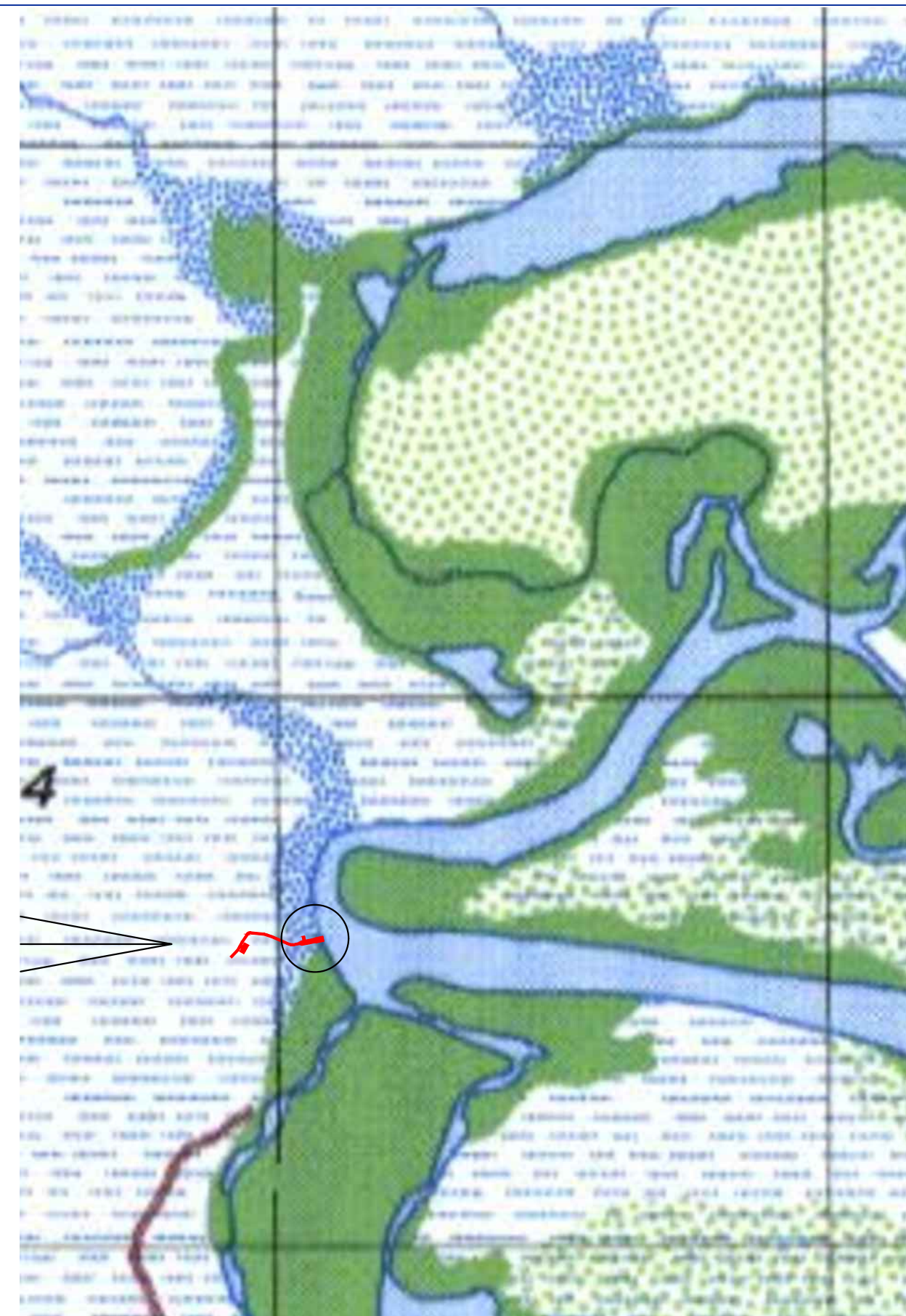
PROJECT NUMBER
M.GRIFFEY

ENGINEERING CERTIFICATION
E-PERKINS RREQ 2319

JOB CODE
ALL-0006

SHEET NUMBER
C001

REVISION
A



ARCHER RIVER (MIPWUN) Barge Ramp

LOCATION PLAN



PRELIMINARY - FOR DISCUSSION PURPOSES ONLY



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135 Abbott St
PO Box 1949
CAIRNS QLD 4870

T +61 7 4031 1336 F +61 7 4031 2942 W rpsgroup.com.au

Scale nts @ A3 | Date 10-01-2019 | Drawing PR140748-1

5 DECEMBER 2018

Archer River (Mipwun) Barge Ramp

Town Planning Report

Development Permit for

- Operational Works (Prescribed Tidal Works)

Document status

Version	Purpose of document	Authored by	Reviewed by	Review date
2	Application	SD	ID	5 Dec 2018

Approval for issue

Name	Signature	Date
Ian Doust		6 Dec 2018

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Version: 2
Date: 5 December 2018

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Appendices

Appendix A	DA form1
Appendix B	Land Owners consent and title Lot 211 SP241404
Appendix C	Owners Consent Archer River
Appendix D	DAMS & Vegetation Searches
Appendix E	20180818 ForConstruction-Engineering Plans combined
Appendix F	Project Specification Archer River barge ramp
Appendix G	1811-8190 SPL PA6-L Pre-lodgement advice
Appendix H	Confirmation from DSDMIP 5-12-2018
Appendix I	Assessment against SDAP State Code 8 Coastal Development and Tidal Works

Summary

Table 1 Project Summary

Details

Site Address: Archer River (Mipwun)	13°28'52.42"S, 141°39'57.27"E
Real Property Description:	Lot 211 SP241404 706,400 ha
Site Area:	Approx 1.4 ha, 105 m x 135m
Regional Plan Land Use Designation:	No Regional Plan
Zone	Environmental Management and Conservation Zone
Owner(s):	Archer River - State (land below HWM) Lot 211 - Ngan Aak-Kunch Aboriginal Corporation as trustee

Proposal

Brief Description/ Purpose of Proposal:	Construction of a barge ramp
Development Staging:	No Staging

Application Details

Aspect of Development	Preliminary approval	Development permit
Operational works		<input checked="" type="checkbox"/>
Assessment Category	<input checked="" type="checkbox"/> Code	
Public Notification	<input checked="" type="checkbox"/> No	
Superseded Planning Scheme Application:		<input checked="" type="checkbox"/> No

Referral Agencies

Agency	Concurrence Agency	Advice Agency	Pre-lodgement Response
Dept of Environment and Science	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Prelodgement/Consultation

Entity	Yes	No	Date	Contact Name
SARA DSDMIP	<input checked="" type="checkbox"/>		12-11-2018	Jo Manson

1 Introduction

RPS has been engaged by Department of State Development, Manufacturing, Infrastructure and Planning (DSDMIP) to seek development approval for establishment of the Archer River barge ramp on land at Mipwun approximately 18 klm upstream of Aurukun. The proposed site is located on the Archer River and also within and adjacent to Lot 211 on SP241404 at 13°28'52.42"S, 141°39'57.27"E

This development application seeks:

- Development Permit for carrying out Operational Works (Prescribed Tidal Works).

The proposal involves:

- construction of the carpark, access and barge ramp
- minor excavation and embankment construction, rock seawall, road works and stormwater drainage.
- dredging of approximately 320m³ of material
- removal of approximately 420m² of vegetation
- No removal, destruction or damage to marine plants

Under Aurukun Shire Council Planning Scheme, the subject site has a *Conservation* strategic plan designation and an *Environmental Management and Conservation* zoning.

The infrastructure is being delivered and funded by the State via DSDMIP and is therefore State-owned or State-controlled transport infrastructure and **Government supported transport infrastructure**.

Based on the project being Government Supported Transport Infrastructure, DSDMIP have confirmed our conclusion that the development cannot be made assessable against the Aurukun Planning Scheme.

This removes the need for the Material Change of Use (for a "landing") component to be assessed by Council, and also removes the need for the impact (public notification) process.

2 Site details

2.1 Site particulars

Table 2 Site Particulars

Site Particulars	Details
Address	within and adjacent to Lot 211 on SP241404 at 13°28'52.42"S, 141°39'57.27"E
Real Property Description	Lot 211 on SP241404 706,400 ha
Site Area	Approx 1.4 ha, 105 m x 135m
Land Owner	Archer River - State (land below HWM) Lot 211 - Ngan Aak-Kunch Aboriginal Corporation as trustee

The site location and its extent are shown in **Figure 1** and **Figure 2** below respectively.

DA form 1 is included at **Appendix A**.

Certificate/s of title confirming site ownership details and owners consent for Lot 211 SP241404 are included at **Appendix B**.

Owners consent for Archer River is included at **Appendix C**.

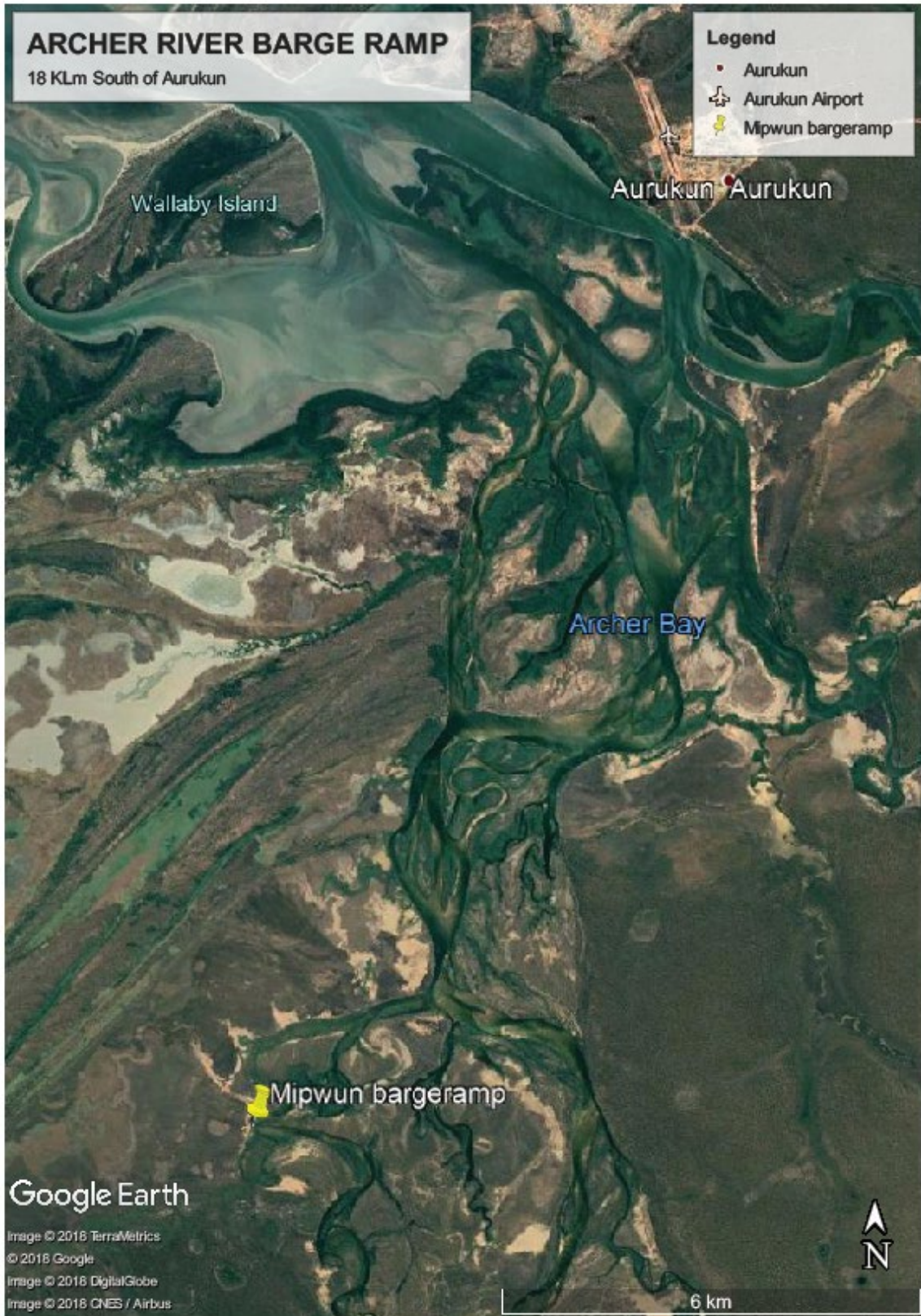
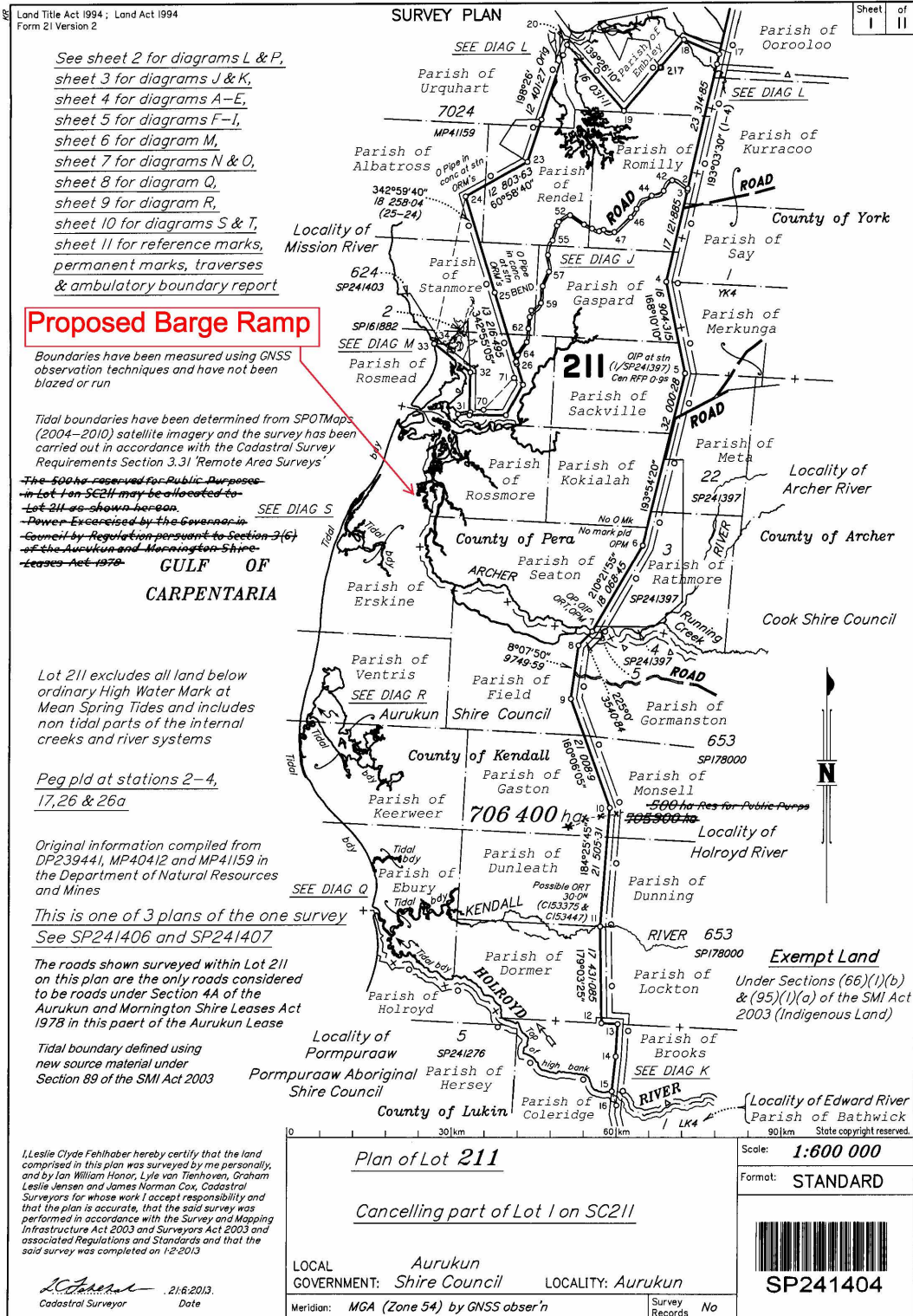


Figure 1 Site Location

Source: Google



Copyright protects the plan/s being ordered by you. Unauthorised reproduction or amendments are not permitted.

Figure 2 Cadastral Plan

Source: Qld Government

2.2 Planning context

The planning context of the site includes the following.

Table 3 Planning Context

Instrument	Designation
Aurukun Planning Scheme	
Strategic Plan designation	Conservation
Zoning	<i>Environmental Management and Conservation</i>
Overlays	<ul style="list-style-type: none"> • Aurukun Shire Coastal Protection Overlay <ul style="list-style-type: none"> • Coastal Zone • Aurukun Shire Flood Hazard Overlay <ul style="list-style-type: none"> • Flooding and inundation

Zoning of the subject site and surrounding lands is shown on **Figure 3**.

Other relevant mapping, including overlays, regional plan and state interests by DAMS is provided at **Appendix D**.

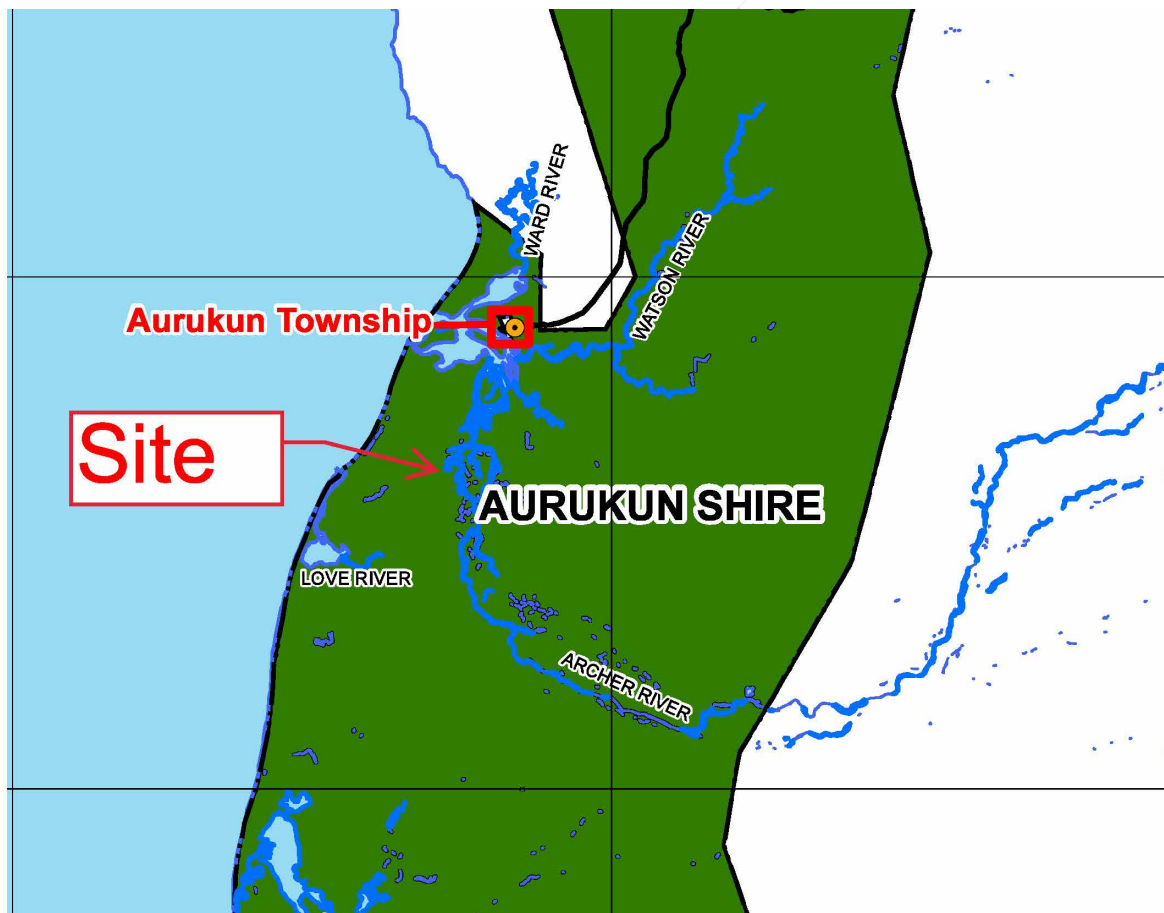


Figure 3 Zoning

Source: Aurukun Planning Scheme (2014),

2.3 Site characteristics

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

Table 4 Site characteristics

Site Features	Details
Existing use of site	Informal Boat access
Existing gross floor area	NA
Topography	Floodplain on edge of river
Vegetation	Sparse
Road Frontages and Length	None
Services	None
Waterways	Archer River
Acid Sulfate Soils	Not known

Aerial photograph / site photographs of the site and its context are shown in **Figure 4** below.



Figure 4 Aerial

Source: Google / Globe NRME / RPS)



Figure 5 Barge Ramp Location



Figure 6 Barge ramp looking north

2.4 Search results

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

Table 5 Searches

Search material	Details
DA Mapping System	DAMS-211SP241404
Contaminated land register	Not searched
Regional ecosystems	No concern at present

Copies of search results are included at **Appendix D**.

2.5 Surrounding land uses

Immediately surrounding land uses comprise the following.

Table 6 Surrounding uses

Direction	Commentary
North	Traditional land
East	Traditional land
South	Traditional land
West	Traditional land

2.6 Previous approvals

The following existing approvals over the site are relevant to this development application.

Table 7 Relevant Approvals

Reference	Approval detail	Date
	None known	

3 Prelodgement history

3.1 Referral agency pre-lodgement meeting

A pre-lodgement response was obtained from DSDMIP dated 12 November 2018 reference no 1811-8190 SPL. The key outcomes of this advice were:

- The Department of Natural Resources, Mines and Energy has confirmed that Lot 221 on SP241404 is freehold tenure (Indigenous, *Aboriginal Land Act 1991*). Tenure under the *Land Act 1994* will not be required for the proposed works if the construction of the barge ramp within the Archer River is authorised under the *Coastal Protection and Management Act 1995*.XX
- As part of the proposed development is located within the tidal reaches of Archer River owner's consent from NRME will be required for the development application.
- Clearing vegetation for the construction or maintenance of infrastructure stated in Schedule 5 of the Planning Regulation 2017 is not considered assessable development if the clearing is for government supported transport infrastructure.

The department and its technical agency, the Department of Natural Resources, Mines and Energy, are of the opinion the proposed development meets the definition of Schedule 5 infrastructure and government supported transport infrastructure as defined under Schedule 21, part 1, item 14(b) of the Planning Regulation 2017. On the basis the proposed development is government supported transport infrastructure, the proposal will not trigger referral agency assessment for native vegetation clearing.

- works involving the removal, destruction or damage of marine plants must be undertaken in accordance with the Department of Agriculture and Fisheries relevant accepted development requirements or under a development approval (assessable development).

Note: since the prelodgement meeting an investigative report into the vegetation and plants affected by the proposed works has concluded that there are no marine plants in the area, and this trigger is no longer applicable.

- The proposed development triggers referral agency assessment for tidal works or works in coastal management district. The development application should include a response against the current SDAP, State code 8: Coastal development and tidal works.
- As the proposed development is considered government supported transport infrastructure, the development application does not trigger referral agency assessment for Tidal works or works in a coastal management district (navigable waterways).

The department's technical agency, the Department of Transport and Main Roads (Maritime Safety QLD) advises that it has no requirements for the proposed development. However, the construction of the barge ramp must not impede the safe navigation of vessels in Archer River.

- The proposed development may trigger referral agency assessment for an Environmentally Relevant Activity if the proposed dredging involves a material change of use ERA16(1) – Dredging.

Note: since the prelodgement meeting the proposed development does not trigger referral agency assessment for an Environmentally Relevant Activity as the volumes of material to be removed are less than 1000 tonnes.

- The Department of Environment and Science recommends determining if the proposed removal of quarry material is able to meet the requirements of a reasonable excuse for removal of material without an allocation notice prior to lodging an application.

Note: since the prelodgement meeting the following circumstances is considered to constitute a reasonable excuse for removing quarry material without an allocation notice—

- The material is removed as a necessary part of the construction of an approved tidal work (e.g. excavation or boring of footings), and
 - is of no commercial value or commercial benefit, and
 - is not required for maintaining coastal processes in adjacent areas and cannot be returned to tidal water.

DSDMIP Pre-lodgement Advice is at **E1 and E2**.

4 Proposal

4.1 Overview

As a summary, the proposed Barge Landing Facility involves the construction of a barge ramp, associated carpark and access road adjacent to the barge ramp. The proposed works entail minor excavation and embankment construction, rock seawall, road works and stormwater drainage.

The Department of State Development, Manufacturing, Infrastructure and Planning (DSDMIP) have, as part of a joint State and Federal Government initiative, investigated the proposal for improving movement amongst traditional owner clan groups of the Aurukun Shire.

The intent of the proposed development is to construct a **barge landing facility**, thus enabling direct access from the Aurukun Township to the outstations within the shire, increasing access to country on the western side of the Archer River. Currently wet season floods result in most areas of the Shire becoming impassable.

The Mipwun site was determined to be the preferred site given the proximity of flood free land, suitable for an access road upgrade allowing for adequate wet weather access.

DSDMIP has prepared **Engineering plans** and **Project Specification** for construction of the carpark, access and barge ramp are provided for reference as **Appendix E and F**.

The proposal is to develop a Barge Landing Facility on Archer's River south of Aurukun.

4.2 Vegetation and Protected Plant Survey

The proposed barge landing facility will also involve the removal of approximately 420m² of vegetation.

A survey for protected plants at the proposed barge ramp site was undertaken by Eda Addicott and Mark Newton of the Queensland Herbarium. A desktop assessment of Wildnet Online and the Australian Virtual Herbarium databases determined that only one EVNT plant had been collected within a 4km radius of the site, *Dendrobium bigibbum* (Cooktown Orchid).

However, the Vegetation Management Report for Lot 211 on SP241404 shows no EVNT plants located on the site itself.

The survey's conclusion was that no EVNT plants within the area of the proposed barge ramp.

4.3 Marine Plant Survey

A survey for marine plants at the proposed site was undertaken by Eda Addicott – Principal Botanist and Mark Newton – Senior Technical Officer with the Queensland Herbarium.

During the site survey *Hakea pedunculata* and *Melaleuca acacioides* were identified lining the river bank and possibly being inundated at very high tide, however the species were thought of as freshwater species associated with alluvial deposits, not intertidal species associated with the intertidal zone. Approximately five (5) individual mangrove plants were observed within close proximity to the proposed site, three (3) to the north and two (2) to the south.

After an in-depth discussion between the botanists and Tristram Richardson – Environmental Scientist and Marine Biologist with RPS, it was concluded that *Hakea pedunculata* and *Melaleuca acacioides* characteristics symbolized low salinity tolerances not associated with the ability to exist in a marine environment, and were only able to persist in this location due to being on elevated mounds above the tidal influence, on salt plains that may be marginally inundated possibly once or twice a year on the highest tides.

Therefore, after conducting a marine and protected plant survey of the proposed site, Eda and Mark concluded that there were no marine plants located within the area of the proposed site.

4.4 Dredging

The proposal also involves the dredging of approximately 320m³ of material, however, given that the proposed extraction is less than 1,000t, the proposed dredging does not trigger referral as an Environmentally Relevant Activity.

5 Legislative requirements

5.1 Government supported transport infrastructure

The infrastructure is being delivered and funded by the State via DSDMIP and is therefore State-owned or State-controlled transport infrastructure and **Government supported transport infrastructure**.

Government supported transport infrastructure means infrastructure for transport that is for public use and is

- a) *funded, wholly or partly, by the State or Commonwealth; or*
- b) *provided by a person, other than under a development approval or infrastructure agreement, on conditions that –*
 - i) *are agreed to by the Government; and*
 - ii) *are intended to support the commercial viability of the infrastructure.*

Via the Planning Regulation Sch 24, transport infrastructure means—

- *active transport infrastructure as defined under the Transport Planning Act, section 8A(3); or*
- *air transport infrastructure; or*
- *busway transport infrastructure; or*
- *light rail transport infrastructure; or*
- *miscellaneous transport infrastructure as defined under the Transport Infrastructure Act, section 416; or*
- *other rail infrastructure; or*
- **public marine transport infrastructure** *as defined under the Transport Infrastructure Act, schedule 6;*
- *public passenger transport infrastructure as defined under the Transport Planning Act, schedule 1; or*
- *rail transport infrastructure; or*
- *a road on State toll road corridor land; or*
- *a State-controlled road.*

From Transport Planning Act Schedule 6 **public marine transport infrastructure** works means works done for—

- constructing public marine facilities or things associated with **public marine facilities**; or
- maintaining public marine facilities or things associated with public marine facilities; or
- facilitating the operation of public marine facilities.

From Transport Infrastructure Act 1994, Schedule 6

- **public marine facility** means public marine transport infrastructure, including—
 - land or waters associated with the infrastructure that are affected by its use; and
 - land or waters specified for the infrastructure under a regulation made with the objective of clarifying what are the land or waters associated with the infrastructure that are affected by its use.
 - Example—

- an area of land and waters, specified under a regulation, that constitutes a boat harbour
- breakwaters, jetties, landings, mooring piles, pontoons, carparks and land or waters affected by the use of the infrastructure
- **public marine transport infrastructure** means **State-owned** or State-controlled transport infrastructure relating to Queensland waters, other than port or miscellaneous transport infrastructure.

Refer to **Appendix H** Confirmation from DSDMIP 5-12-2018

5.2 Development local categorising instrument is prohibited from stating is assessable development

As the proposed development is *Government supported transport infrastructure* then it cannot be made assessable under a local categorising instrument (Aurukun Planning Scheme) via:

Planning Regulation Schedule 6 Part 5 Item 26 Development for infrastructure activities

- 1)
- 2) *Development for the construction of the following infrastructure, if the infrastructure is government supported transport infrastructure—*
 - a) *an aid to navigation;*
 - b) *a public marine facility;*
 - c) *road transport infrastructure;*
 - d) *transport infrastructure.*

This means that any component of the application relating to the Aurukun Planning Scheme (such as a Material Change of Use or Operational works under the Scheme) Is not assessable development under the Aurukun Planning Scheme.

5.3 Assessment manager

The remaining component of the works is Operational Works (Prescribed Tidal works) for which the Assessment is devolved to Aurukun Shire Council in accordance with Schedule 8 Table 2 Item 1 (c) of the *Planning Regulation 2017*,

However Council cannot impose any conditons and must only accept the State concurrence response for the approval.

5.4 Categories of assessment

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

Table 8 Categories of assessment

Aspect of development	Categorising instrument	Category of assessment
Development Permits for Operational Works (Prescribed Tidal Works)	<i>State Development Assessment Provisions</i>	Code

5.5 Referrals - Applicable

In accordance with Schedule 10 of the *Planning Regulation 2017*, the following referrals apply.

Table 9 Schedule 10 Referral Matters

Schedule 10	Referral topic and reason	Referral Agency
10.17.3.1	Operational work for tidal works or work in a coastal management district	SARA, DSDMIP

5.6 Referrals – Not Applicable

For information the following referrals do NOT apply.

5.6.1 Sch 10.3.3.2 Clearing Vegetation

Clearing vegetation for the construction or maintenance of infrastructure stated in Schedule 5 of the [Planning Regulation 2017](#) is not considered assessable development if the clearing is for *government supported transport infrastructure*.

The department and its technical agency, the Department of Natural Resources, Mines and Energy, are of the opinion the proposed development meets the definition of Schedule 5 infrastructure and government supported transport infrastructure as defined under Schedule 21, part 1, item 14(b) of the Planning Regulation 2017 for exemption for clearing of vegetation.

Refer to DSDMIP pre-lodgement advice in **Appendix G**

5.6.2 Sch 10.5.3.2 Maritime Safety Queensland

This referral trigger relates to Maritime Safety Queensland.

The proposed works constitute *government supported transport infrastructure* and therefore the proposal will not trigger referral agency assessment for maritime safety.

Refer to DSDMIP pre-lodgement advice in **Appendix G**

5.6.3 Sch 10.17.3.6 Material change of use involving work in a coastal management district

The works are in a Coastal Management District but they do not

- involve extracting, excavating or filling 1,000m³ or more, nor
- clearing native vegetation from an area of 1,000m² or more.

Hence no referral or application is required for an ERA.

5.6.4 ERA 16 extractive and screening Activities (Dredging)

ERA 16 (1) relates to dredging a total of 1,000t or more of material from the bed of naturally occurring surface waters, in a year.

The proposal also involves the dredging of approximately 320m³ of material, however, given that the proposed extraction is less than 1,000t, the proposed dredging does not trigger referral as an Environmentally Relevant Activity.

5.7 Public notification

This application **does not** require public notification as the MCU component (a change from vacant to “landing”) cannot be made assessable under a local categorising instrument (Aurukun Planning Scheme).

6 Statutory planning assessment

6.1 Overview

This section assesses the application against relevant assessment benchmarks.

6.2 State and regional assessment benchmarks

6.2.1 Regional Plan

There is no Regional Plan over the subject site

6.3 State Planning Policy

The *Planning Regulation* requires the assessment manager to assess the application against the assessment benchmarks stated in the State Planning Policy, Part E, to the extent Part E of the State Planning Policy is not identified in the planning scheme as being appropriately integrated into the planning scheme.

As detailed in Part 2.1 of the Scheme all aspects of the *State Planning Policy* have been adequately reflected in the *Aurukun Planning Scheme* and accordingly no further assessment against the *State Planning Policy* is required.

6.3.1 Development Assessment under Schedules 9 and 10 (SDAP)

Schedules 9 and 10 of the *Planning Regulation 2017* identify the matters that the assessment manager and/or referral agency assessment must have regard to.

The *State Development Assessment Provisions* (SDAP) nominate applicable State Codes based on the referral triggers. The State Codes applicable to the proposal are identified in the table below.

Table 10 Relevant SDAP State Codes

Schedule 10	Referral topic	State Code
10.17.3.1	Tidal works or work in a coastal management district Assessable development under s 28	State code 8 – Coastal development and tidal works

6.3.2 State Code 8: Coastal Development and Tidal Works

The proposed development is to be assessed against the State Development Assessment Provisions, State Code 8: Coastal Development and Tidal Works.

Refer to **Appendix I Assessment against SDAP State Code 8: Coastal Development and Tidal Works**

Development is for provision of a barge landing facility on the Archer River approximately 18klm upstream from Aurukun and is essential community infrastructure. There is currently no formal marine landing facility on the western side of the Archer river, with traditional owners restricted in their movements to and from outstations, particularly during the wet season. Alternative access to Aurukun by road can involve travel times of 7-8 hours.

Mipwun has been identified as a suitable location of the barge ramp as well as carpark and access road. The development does not contain hazardous materials.

6.4 Local authority assessment benchmarks

Local authority assessment benchmarks are not applicable as the proposed development is *Government supported transport infrastructure* and it cannot be made assessable under a local categorising instrument (Aurukun Planning Scheme) via *Planning Regulation Schedule 6 Part 5 Item 26 Development for infrastructure*.

7 Conclusion

This town planning report supports a development application made on behalf of **Department of State Development Manufacturing Infrastructure and Planning (Regional Economic Development)** to **Aurukun Shire Council** for development approval for establishment of the Archer River barge ramp on the Archer River at Mipwun approximately 18 klm upstream of Aurukun.

This development application seeks:

- Development Permit for carrying out Operational Works(prescribed Tidal Works).

The proposal involves:

- construction of the carpark, access and barge ramp
- minor excavation and embankment construction, rock seawall, road works and stormwater drainage.
- dredging of approximately 320m³ of material
- removal of approximately 420m² of vegetation
- No removal, destruction or damage to marine plants

The infrastructure is **Government supported transport infrastructure** and cannot be made assessible against the Aurukun Planning Scheme.

This report has demonstrated the proposal's consistency with the intents and code requirements of *State Development Assessment Provisions*.

Approval is sought subject to reasonable and relevant conditions.

Appendix A

DA form 1



DA Form 1 – Development application details

Approved form (version 1.1 effective 22 JUNE 2018) made under section 282 of the Planning Act 2016.

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

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

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

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

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

This form and any other form relevant to the development application must be used to make a development application relating to strategic port land and Brisbane core port land under the *Transport Infrastructure Act 1994*, and airport land under the *Airport Assets (Restructuring and Disposal) Act 2008*. For the purpose of assessing a development application relating to strategic port land and Brisbane core port land, any reference to a planning scheme is taken to mean a land use plan for the strategic port land, Brisbane port land use plan for Brisbane core port land, or a land use plan for airport land.

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

PART 1 – APPLICANT DETAILS

1) Applicant details	
Applicant name(s) (individual or company full name)	DEPARTMENT OF STATE DEVELOPMENT MANUFACTURING INFRASTRUCTURE AND PLANNING (REGIONAL ECONOMIC DEVELOPMENT) c/o RPS Australia East Pty Ltd
Contact name (only applicable for companies)	Ian Doust, RPS Australia East Pty Ltd
Postal address (P.O. Box or street address)	PO Box 1949
Suburb	Cairns
State	Queensland
Postcode	4870
Country	Australia
Contact number	(07) 4031 1336
Email address (non-mandatory)	ian.doust@rpsgroup.com.au
Mobile number (non-mandatory)	
Fax number (non-mandatory)	
Applicant's reference number(s) (if applicable)	PR140748

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

PART 2 – LOCATION DETAILS

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

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

3.1) Street address and lot on plan

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

a)	Unit No.	Street No.	Street Name and Type	Suburb
	Postcode	Lot No.	Plan Type and Number (e.g. RP, SP)	Local Government Area(s)
		211	SP241404	Aurukun Shire Council
b)	Unit No.	Street No.	Street Name and Type	Suburb
	Postcode	Lot No.	Plan Type and Number (e.g. RP, SP)	Local Government Area(s)
			Archer River	Aurukun Shire Council

3.2) Coordinates of premises (appropriate for development in remote areas, over part of a lot or in water not adjoining or adjacent to land e.g. channel dredging in Moreton Bay)

Note: Place each set of coordinates in a separate row. Only one set of coordinates is required for this part.

Coordinates of premises by longitude and latitude

Longitude(s)	Latitude(s)	Datum	Local Government Area(s) (if applicable)
141°39'57.27"E	13°28'52.42"S,	<input checked="" type="checkbox"/> WGS84 <input type="checkbox"/> GDA94 <input type="checkbox"/> Other:	Aurukun Shire Council

Coordinates of premises by easting and northing

Easting(s)	Northing(s)	Zone Ref.	Datum	Local Government Area(s) (if applicable)
572054.906	8509543.603	<input checked="" type="checkbox"/> 54 <input type="checkbox"/> 55 <input type="checkbox"/> 56	<input type="checkbox"/> WGS84 <input checked="" type="checkbox"/> GDA94 <input type="checkbox"/> Other:	Aurukun Shire Council

3.3) Additional premises

- Additional premises are relevant to this development application and their details have been attached in a schedule to this application
 Not required

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

In or adjacent to a water body or watercourse or in or above an aquifer
 Name of water body, watercourse or aquifer: Archer River

On strategic port land under the *Transport Infrastructure Act 1994*
 Lot on plan description of strategic port land:
 Name of port authority for the lot:

In a tidal area
 Name of local government for the tidal area (if applicable): Aurukun Shire Council
 Name of port authority for tidal area (if applicable): NA

On airport land under the *Airport Assets (Restructuring and Disposal) Act 2008*
 Name of airport:

Listed on the Environmental Management Register (EMR) under the *Environmental Protection Act 1994*

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

5) Are there any existing easements over the premises?

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

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

PART 3 – DEVELOPMENT DETAILS

Section 1 – Aspects of development

6.1) Provide details about the first development aspect

a) What is the type of development? *(tick only one box)*

- Material change of use Reconfiguring a lot Operational work Building work

b) What is the approval type? *(tick only one box)*

- Development permit Preliminary approval Preliminary approval that includes a variation approval

c) What is the level of assessment?

- Code assessment Impact assessment *(requires public notification)*

d) Provide a brief description of the proposal *(e.g. 6 unit apartment building defined as multi-unit dwelling, reconfiguration of 1 lot into 3 lots):*

Operational Work (prescribed Tidal Work) Barge Ramp on the Archer River

e) Relevant plans

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

- Relevant plans of the proposed development are attached to the development application

6.2) Provide details about the second development aspect

a) What is the type of development? *(tick only one box)*

- Material change of use Reconfiguring a lot Operational work Building work

b) What is the approval type? *(tick only one box)*

- Development permit Preliminary approval Preliminary approval that includes a variation approval

c) What is the level of assessment?

- Code assessment Impact assessment *(requires public notification)*

d) Provide a brief description of the proposal *(e.g. 6 unit apartment building defined as multi-unit dwelling, reconfiguration of 1 lot into 3 lots):*

Operational Works (Prescribed Tidal Works)

e) Relevant plans

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

- Relevant plans of the proposed development are attached to the development application

6.3) Additional aspects of development

- Additional aspects of development are relevant to this development application and the details for these aspects

that would be required under Part 3 Section 1 of this form have been attached to this development application
 Not required

Section 2 – Further development details

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

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

Division 1 – Material change of use

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

8.1) Describe the proposed material change of use

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

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

<input type="checkbox"/> Yes		
<input checked="" type="checkbox"/> No		

Division 2 – Reconfiguring a lot

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

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

--

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

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

10) Subdivision

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

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

10.2) Will the subdivision be staged?

<input type="checkbox"/> Yes – provide additional details below
<input type="checkbox"/> No
How many stages will the works include?
What stage(s) will this development application apply to?

11) Dividing land into parts by agreement – how many parts are being created and what is the intended use of the parts?

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

12) Boundary realignment

12.1) What are the current and proposed areas for each lot comprising the premises?

Current lot		Proposed lot	
Lot on plan description	Area (m ²)	Lot on plan description	Area (m ²)

12.2) What is the reason for the boundary realignment?

--

13) What are the dimensions and nature of any existing easements being changed and/or any proposed easement? (attach schedule if there are more than two easements)

Existing or proposed?	Width (m)	Length (m)	Purpose of the easement? (e.g. pedestrian access)	Identify the land/lot(s) benefitted by the easement

Division 3 – Operational work

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

14.1) What is the nature of the operational work?

<input checked="" type="checkbox"/> Road work	<input type="checkbox"/> Stormwater	<input type="checkbox"/> Water infrastructure
<input type="checkbox"/> Drainage work	<input checked="" type="checkbox"/> Earthworks	<input type="checkbox"/> Sewage infrastructure
<input type="checkbox"/> Landscaping	<input type="checkbox"/> Signage	<input checked="" type="checkbox"/> Clearing vegetation
<input checked="" type="checkbox"/> Other – please specify:	Prescribed tidal works	

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

<input type="checkbox"/> Yes – specify number of new lots:	
<input checked="" type="checkbox"/> No	

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

\$

PART 4 – ASSESSMENT MANAGER DETAILS

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

Aurukun Shire Council

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

<input type="checkbox"/> Yes – a copy of the decision notice is attached to this development application
<input type="checkbox"/> Local government is taken to have agreed to the superseded planning scheme request – relevant documents attached
<input checked="" type="checkbox"/> No

PART 5 – REFERRAL DETAILS

17) Do any aspects of the proposed development require referral for any referral requirements?

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

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

Matters requiring referral to the **Chief Executive of the Planning Regulation 2017:**

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

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

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

Matters requiring referral to the chief executive of the distribution entity or transmission entity: <input type="checkbox"/> Electricity infrastructure
Matters requiring referral to: <ul style="list-style-type: none"> • The Chief executive of the holder of the licence, if not an individual • The holder of the licence, if the holder of the licence is an individual <input type="checkbox"/> Oil and gas infrastructure
Matters requiring referral to the Brisbane City Council: <input type="checkbox"/> Brisbane core port land
Matters requiring referral to the Minister under the <i>Transport Infrastructure Act 1994</i>: <input type="checkbox"/> Brisbane core port land (inconsistent with Brisbane port LUP for transport reasons) <input type="checkbox"/> Strategic port land
Matters requiring referral to the relevant port operator: <input type="checkbox"/> Land within Port of Brisbane's port limits (below high-water mark)
Matters requiring referral to the Chief Executive of the relevant port authority: <input type="checkbox"/> Land within limits of another port (below high-water mark)
Matters requiring referral to the Gold Coast Waterways Authority: <input type="checkbox"/> Tidal works, or work in a coastal management district in Gold Coast waters
Matters requiring referral to the Queensland Fire and Emergency Service: <input type="checkbox"/> Tidal works marina (<i>more than six vessel berths</i>)

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

PART 6 – INFORMATION REQUEST

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

PART 7 – FURTHER DETAILS

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

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

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

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

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

Amount paid	Date paid (dd/mm/yy)	QLeave levy number
\$		

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

- Yes – show cause or enforcement notice is attached
 No

23) Further legislative requirements

Environmentally relevant activities

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

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

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

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

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

Hazardous chemical facilities

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

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

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

Clearing native vegetation

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

section 22A of the *Vegetation Management Act 1999*?

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

No

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

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

Environmental offsets

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

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

No

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

Koala conservation

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

Yes

No

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

Water resources

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

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

No

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

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

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

Waterway barrier works

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

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

No

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

Marine activities

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

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

No

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

Quarry materials from a watercourse or lake

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

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

No

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

Quarry materials from land under tidal waters

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

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

No

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

Referable dams

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

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

No

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

Tidal work or development within a coastal management district

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

Yes – the following is included with this development application:

Evidence the proposal meets the code for assessable development that is prescribed tidal work (*only required if application involves prescribed tidal work*)

A certificate of title

No

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

Queensland and local heritage places

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

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

No

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

Name of the heritage place:		Place ID:	
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Brothels

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

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

No

Decision under section 62 of the Transport Infrastructure Act 1994

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

Yes - this application will be taken to be an application for a decision under section 62 of the *Transport Infrastructure Act 1994* (subject to the conditions in section 75 of the *Transport Infrastructure Act 1994* being satisfied)

No

PART 8 – CHECKLIST AND APPLICANT DECLARATION

24) Development application checklist

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

Yes

Note: See the Planning Regulation 2017 for referral requirements

If building work is associated with the proposed development, Parts 4 to 6 of *DA Form 2 – Building work details* have been completed and attached to this development application

Yes

Not applicable

Supporting information addressing any applicable assessment benchmarks is with development application

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

Yes

Relevant plans of the development are attached to this development application

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

Yes

The portable long service leave levy for QLeave has been paid, or will be paid before a development permit is issued (see 21))

Yes

Not applicable

25) Applicant declaration

By making this development application, I declare that all information in this development application is true and correct

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

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

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

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

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

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

PART 9 – FOR OFFICE USE ONLY

Date received:

Reference number(s):

Notification of engagement of alternative assessment manager

Prescribed assessment manager

Name of chosen assessment manager

Date chosen assessment manager engaged

Contact number of chosen assessment manager

Relevant licence number(s) of chosen assessment manager

QLeave notification and payment

Note: For completion by assessment manager if applicable

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

Appendix B
Land Owners consent and title Lot 211
SP241404



Ngan Aak-Kunch Aboriginal Corporation

ICN 4097

25 May 2018

Annette Tranent
Principal Project Officer
Regional Economic Development
Department of State Development, Manufacturing, Infrastructure and Planning

By Email: Annette.Tranent@dsmip.qld.gov.au

Dear Annette,

Re: Aurukun Barge Landing

Thank you for attending the meeting of the board of Ngan Aak-Kunch Aboriginal Corporation RNTBC (NAK) on 23 May 2018 to discuss construction of the Aurukun barge landing and other associated infrastructure.

Reproduced below is a copy of the resolution passed at that meeting:

The board resolve to:

- (a) Provide formal approval to the Aurukun barge ramp and road construction project including providing a letter of support on condition that:
 - That NAK is informed at every step of the project including, but not limited to, tendering, advertising, employment opportunities, native title holder engagement and cultural heritage related issues; and
 - APN is responsible for its ongoing maintenance.

Moved by: Roy Chevathen
Seconded by: Llyle Kawangka
Carried

This correspondence is provided as the letter of the support referred to in the resolution above.

Yours faithfully

A handwritten signature in black ink that reads 'Barbara Bandicootcha'.

Barbara Bandicootcha
Chairperson, Ngan Aak-Kunch Aboriginal Corporation RNTBC

CURRENT TITLE SEARCH

NATURAL RESOURCES, MINES AND ENERGY, QUEENSLAND

Request No: 29898917

Search Date: 01/11/2018 07:53

Title Reference: 50925478

Date Created: 01/10/2013

Previous Title: 40066955

REGISTERED OWNER

Dealing No: 715341200 01/10/2013

NGAN AAK-KUNCH ABORIGINAL CORPORATION RNTBC
TRUSTEE

FOR THE NATIVE TITLE HOLDERS OF THE LAND, THE WIK AND WIK
WAY PEOPLES, AND UNDER THE ABORIGINAL LAND ACT 1991

ESTATE AND LAND

Estate in Fee Simple

LOT 39 SURVEY PLAN 239441
Local Government: AURUKUN
LOT 40 SURVEY PLAN 239441
Local Government: AURUKUN
LOT 211 SURVEY PLAN 241404
Local Government: AURUKUN
LOT 213 SURVEY PLAN 241407
Local Government: AURUKUN

EASEMENTS, ENCUMBRANCES AND INTERESTS

1. Rights and interests reserved to the Crown by
Deed of Grant No. 40066955 (Lot 39 on SP 239441)
(Lot 40 on SP 239441)
(Lot 211 on SP 241404)
(Lot 213 on SP 241407)
2. NOTING No 715341199 01/10/2013 at 10:00
IN ACCORDANCE WITH SECTION (44) OF THE ABORIGINAL LAND ACT
1991 THIS DEED OF GRANT TAKES EFFECT AS FROM 11:10AM ON THE
18TH SEPTEMBER 2013

ADMINISTRATIVE ADVICES

Dealing	Type	Lodgement Date	Status
713004652	VEG NOTICE VEGETATION MANAGEMENT ACT 1999	19/01/2010 15:53	CURRENT
713412322	NT DETERM NATIVE TITLE ACT 1993 (CTH)	17/08/2010 14:33	CURRENT
718376086	CON COM AGMT MINERAL AND ENERGY RESOURCES (COMMON PROVISIONS) ACT 2014	03/11/2017 11:37	CURRENT
718893492	CON COM AGMT MINERAL AND ENERGY RESOURCES (COMMON PROVISIONS) ACT 2014	26/07/2018 14:14	CURRENT

UNREGISTERED DEALINGS - NIL

CERTIFICATE OF TITLE ISSUED - No

CURRENT TITLE SEARCH

NATURAL RESOURCES, MINES AND ENERGY, QUEENSLAND

Request No: 29898917

Search Date: 01/11/2018 07:53

Title Reference: 50925478

Date Created: 01/10/2013

Caution - Charges do not necessarily appear in order of priority

** End of Current Title Search **

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Requested By: D-ENQ URBIS PRO

Appendix C

Owners Consent Archer River



Appendix D

DAMS & Vegetation Searches

State Assessment and Referral Agency

Date: 25/05/2018



Department of State Development
Manufacturing, Infrastructure
and Planning

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Matters of Interest for all selected Lot Plans

Coastal management district

Coastal area - erosion prone area

Coastal area - medium storm tide inundation area

Coastal area - high storm tide inundation area

Queensland waterways for waterway barrier works

Great artesian water resource plan area

Regulated vegetation management map (Category A and B extract)

Matters of Interest by Lot Plan

Lot Plan: 211SP241404 (Area: 7064000000 m²)

Coastal management district

Coastal area - erosion prone area

Coastal area - medium storm tide inundation area

Coastal area - high storm tide inundation area

Queensland waterways for waterway barrier works

Great artesian water resource plan area

Regulated vegetation management map (Category A and B extract)



State Assessment and Referral Agency

Date: 25/05/2018



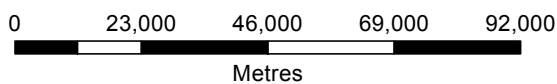
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Legend

Queensland waterways for waterway barrier works

This layer is not displayed at the current map scale



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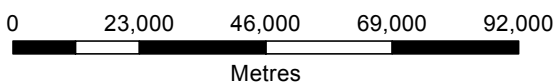
Department of State Development
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Legend

Regulated vegetation management map
(Category A and B extract)

This layer is not displayed at the current map scale



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Date: 25/05/2018



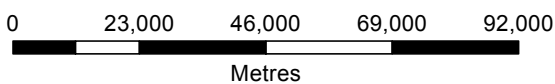
Department of State Development
Manufacturing, Infrastructure
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Legend

Great artesian water resource plan area

This layer is not displayed at the current map scale



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Date: 25/05/2018



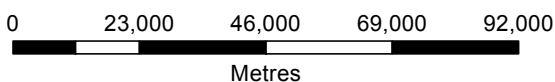
Department of State Development
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Legend

Coastal management district

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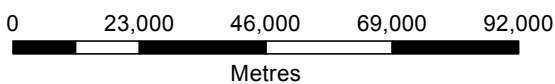
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Legend

Coastal area - erosion prone area

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State Assessment and Referral Agency

Date: 25/05/2018



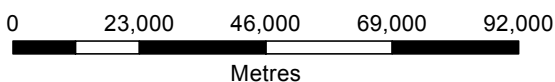
Department of State Development
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and Planning

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Legend

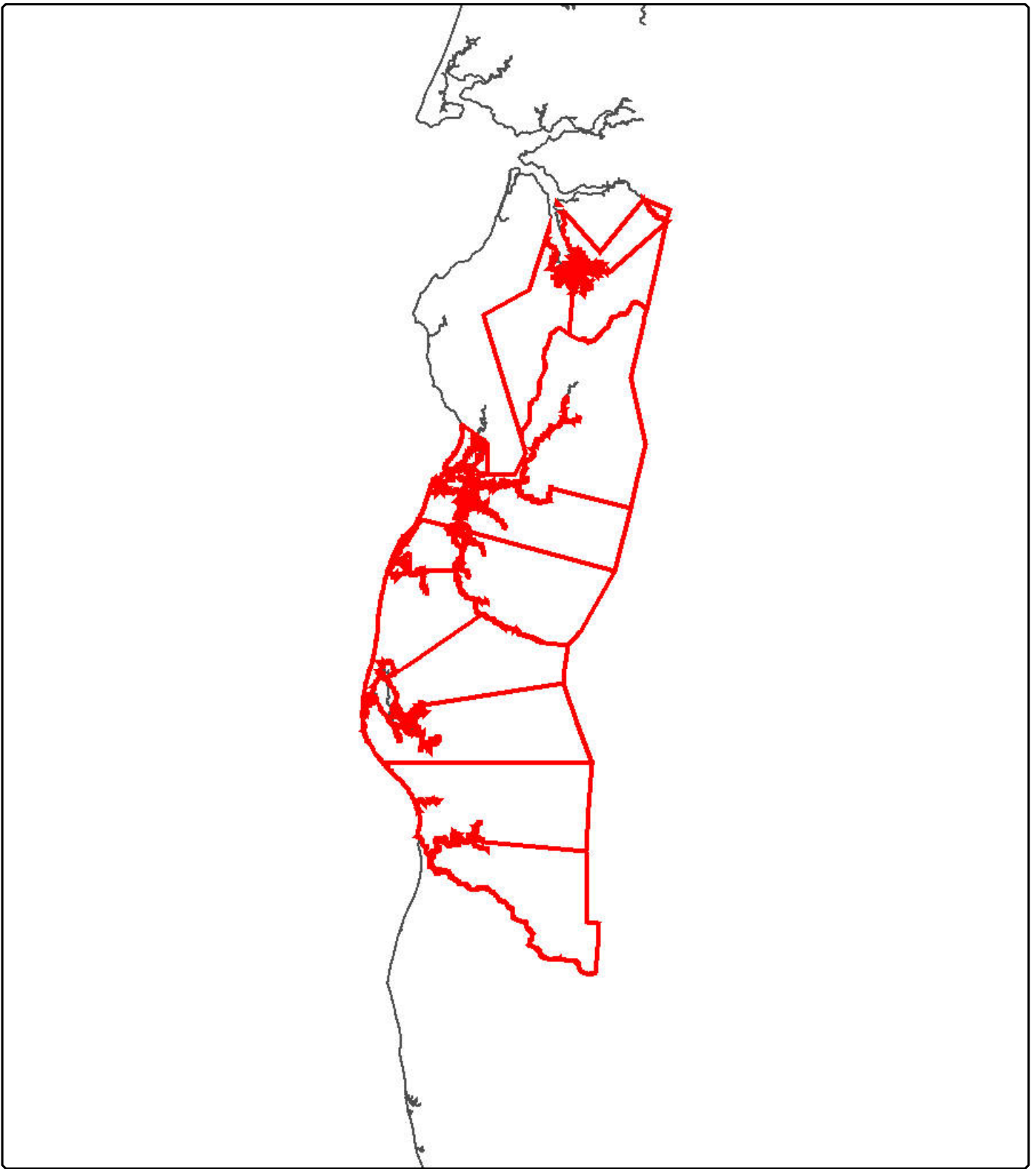
Coastal area - medium storm tide
inundation area

This layer is not displayed at the current map scale



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Date: 25/05/2018



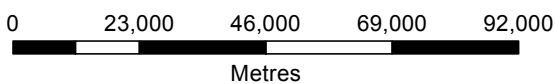
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Legend

Coastal area - high storm tide inundation area

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Disclaimer:

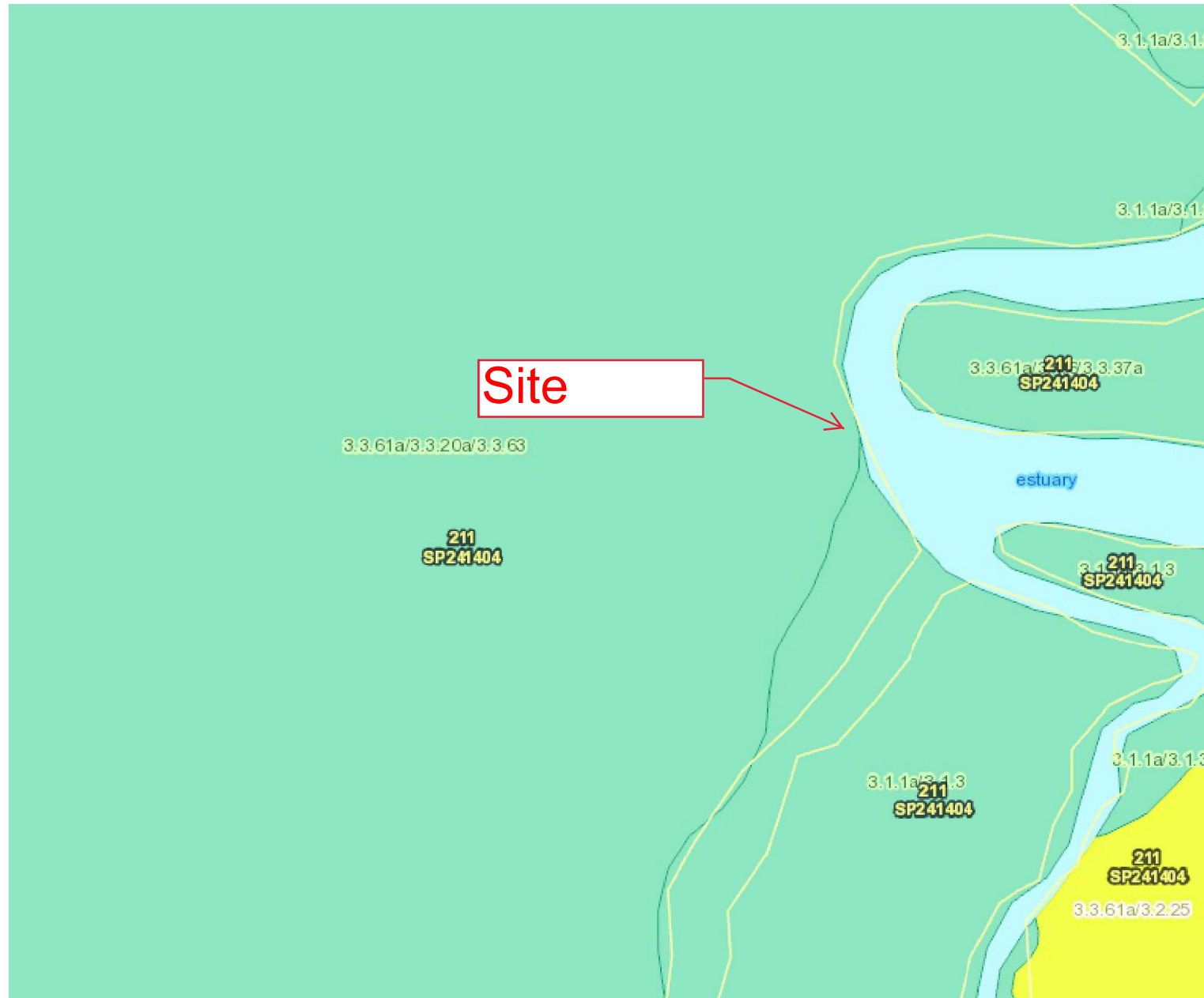
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Archer River Barge Ramp

remnant vegetation

13°28'36"S 141°39'27"E

13°28'36"S 141°40'9"E



13°29'10"S 141°39'27"E

13°29'10"S 141°40'9"E

A product of
 Queensland Globe



100 metres

Print Date: 3/12/2018

Paper Size: A4

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Appendix E

20180818 ForConstruction-Engineering Plans combined



DESIGN HAZARD SCHEDULE

ITEM	DESIGN HAZARD	POTENTIAL HAZARD	RISK	ELIMINATION / MINIMISATION OF HAZARD / RISK	RESIDUAL RISK
D1	THERE ARE NO UNUSUAL OR ATYPICAL DESIGN FEATURES. REFER TO CONSTRUCTION HAZARD SCHEDULE	N/A	N/A	N/A	N/A

CONSTRUCTION HAZARD SCHEDULE

ITEM	POTENTIAL HAZARD	POSSIBLE PREVENTATIVE ACTION
C1	THE WORK SITE IS IN AND IMMEDIATELY ADJACENT TO ARCHER RIVER	CONTRACTOR'S PERSONNEL TO BE SUITABLY TRAINED FOR WORKING IN OR ADJACENT TO WATER (TIDAL). CONTRACTOR'S WORK METHODS TO CONSIDER THE SAFETY AND STABILITY OF EXCAVATIONS, EARTHWORKS AND THE WORKING PLATFORM FOR PLANT AND EQUIPMENT.
C2	POTENTIAL VEHICLE HAZARD	SITE PERSONNEL SHALL BE ADVISED OF THE POTENTIAL HAZARDS AND THE APPROPRIATE PROCEDURES FOR WORKING ADJACENT TO WATERWAYS. APPROPRIATE SAFETY CLOTHING SHALL BE WORN AND THE REQUIRED SIGNAGE SHALL BE ERECTED. THE WORKS SHALL BE UNDERTAKEN IN A MANNER WHICH DOES NOT COMPROMISE THE SAFETY OF THE VEHICLE OCCUPANTS OR THE SITE PERSONNEL.
C3	WORKS ARE IN A CROCODILE INHABITED AREA	THE CONTRACTOR IS TO OBTAIN ADVICE FROM A SUITABLY QUALIFIED AND EXPERIENCED AUTHORITY FOR WORKING IN CROCODILE INHABITED AREAS.

DESIGN HAZARD NOTES:

- PREMISE AUSTRALIA PTY LTD (PREMISE), HAVING BEEN COMMISSIONED TO CARRY OUT DETAILED DESIGN AND DOCUMENTATION OF THESE WORKS, CONFIRM THAT THE PREMISE DRAWING SET HAS BEEN INTERNALLY REVIEWED FOR DESIGN SAFETY IN ACCORDANCE WITH SECTION 22 OF THE WORK HEALTH AND SAFETY ACT 2011 QLD.
- THIS REPORT SUMMARISES AN INTERNAL REVIEW OF THE PREMISE DETAILED DESIGN DRAWINGS FOR DESIGN SAFETY.
- THIS REPORT IN NO WAY RELIEVES THE PRINCIPAL, CONTRACTOR OR ANY OTHER PARTY OF THEIR OWN OBLIGATIONS AND RESPONSIBILITIES UNDER THE WORK HEALTH AND SAFETY ACT 2011 QLD, INCLUDING (BUT NOT LIMITED TO) CONSULTATION WITH THE DESIGNER UNDER SECTION 294 OF THE ACT, THE PREPARATION OF SATISFACTORY SAFE WORK METHOD STATEMENTS AND DUTIES OF CARE.
- IT IS A REQUIREMENT UNDER SECTION 296 OF THE WORK HEALTH AND SAFETY ACT 2011 QLD, THAT A COPY OF THIS REPORT BE PROVIDED TO THE CONTRACTOR BY THE ENTITY COMMISSIONING THE WORK SHOWN ON THE PREMISE DRAWINGS.
- AS PER THE DEPARTMENT OF JUSTICE AND THE ATTORNEY-GENERAL- WORKPLACE HEALTH AND SAFETY QUEENSLAND, A WRITTEN REPORT IS NOT REQUIRED FOR DESIGNS THAT HAVE TYPICAL FEATURES.

CONSTRUCTION HAZARD NOTES:

- UNDER THE QUEENSLAND WORK HEALTH AND SAFETY ACT 2011, THE WORK HEALTH AND SAFETY REGULATION 2011 AND OTHER LEGISLATION AND GUIDELINES, THE PRINCIPAL CONTRACTOR HAS SPECIFIC OBLIGATIONS IN RELATION TO THE SAFE OPERATION OF THE SITE AND OF THE WORKS. TO ASSIST THE PRINCIPAL CONTRACTOR IN COMPLYING WITH THESE OBLIGATIONS THE PROJECT DESIGNERS HAVE IDENTIFIED BY DRAWING NOTES, AREAS WHERE POTENTIAL HAZARDS MAY ARISE. THESE NOTES OR ADVICE, SHALL NOT NECESSARILY BE CONSIDERED COMPLETE AND ARE BASED UPON THE DESIGNERS' UNDERSTANDING OF THE SAFETY RISKS ASSOCIATED WITH THE WORKS. THESE NOTES OR ADVICE SHALL NOT RELIEVE THE PRINCIPAL CONTRACTOR OF ANY OBLIGATION UNDER THE RELEVANT LEGISLATION OR GUIDELINE. THE PRINCIPAL CONTRACTOR SHALL REMAIN RESPONSIBLE FOR THE PREPARATION OF AN APPROPRIATE WORK HEALTH SAFETY MANAGEMENT PLAN AND SAFE WORK METHOD STATEMENTS FOR THE SITE.
- PURSUANT TO THE WORK HEALTH AND SAFETY ACT 2011 WE HEREBY ADVISE THAT OUR DESIGN SAFETY REVIEW HAS IDENTIFIED UNUSUAL OR ATYPICAL DESIGN FEATURES THAT MAY PRESENT ADDITIONAL HAZARDS OR RISKS DURING THE CONSTRUCTION PHASE AND THESE ARE LISTED IN THE CONSTRUCTION HAZARD SCHEDULE.

CONSEQUENCE TABLE

LEVEL	CONSEQUENCE	COST/TIME
5 - CATASTROPHIC	FATALITY OR MULTIPLE PERSONS ONSITE WITH LIFE THREATENING HEALTH EFFECTS OR INABILITY TO CONTINUE	HUGE FINANCIAL OR TIME LOSS
4 - MAJOR	EXTENSIVE INJURIES, OR ONSET OF SEVERE OR LIFE THREATENING HEALTH EFFECTS TO SINGLE PERSON ONSITE. MULTIPLE PERSONS WITH ONSET OF IRREVERSIBLE HEALTH EFFECTS. PERMANENT INJURY TO PERSON ONSITE.	MAJOR FINANCIAL OR TIME LOSS
3 - MODERATE	MEDICAL TREATMENT REQUIRED. IRREVERSIBLE HEALTH EFFECT TO A SINGLE PERSON. MULTIPLE PERSONS ONSITE WITH REVERSIBLE HEALTH EFFECTS.	HIGH FINANCIAL OR TIME LOSS
2 - MINOR	FIRST AID, SINGLE OR MULTIPLE INJURIES AMONGST PERSONS ONSITE. SINGLE PERSON ONSITE WITH MODERATE SHORT TERM REVERSIBLE HEALTH EFFECTS.	MEDIUM FINANCIAL OR TIME LOSS
1 - INSIGNIFICANT	NO INJURIES, OVER EXPOSURE TO A SINGLE PERSON ONSITE, BUT NO REPORTED HEALTH EFFECTS.	LOW FINANCIAL OR TIME LOSS

LIKELIHOOD TABLE

LEVEL	DESCRIPTION	QUANTIFICATION GUIDE
A - ALMOST CERTAIN	THE EVENT <u>IS</u> EXPECTED TO OCCUR IN MOST CERTAIN CIRCUMSTANCES	MORE THAN ONCE PER YEAR
B - LIKELY	THE EVENT <u>WILL</u> PROBABLY OCCUR IN MOST CIRCUMSTANCES	AT LEAST ONCE IN 5 YEARS
C - POSSIBLE	THE EVENT <u>SHOULD</u> OCCUR AT SOME TIME	AT LEAST ONCE IN 10 YEARS
D - UNLIKELY	THE EVENT <u>COULD</u> OCCUR AT SOME TIME	AT LEAST ONCE IN 30 YEARS
E - RARE	THE EVENT <u>MAY</u> OCCUR IN EXCEPTIONAL CIRCUMSTANCES	LESS THAN ONCE IN 30 YEARS

RISK ANALYSIS MATRIX

		CONSEQUENCE				
		1 - INSIGNIFICANT	2 - MINOR	3 - MODERATE	4 - MAJOR	5 - CATASTROPHIC
LIKELIHOOD	A - ALMOST CERTAIN	MODERATE	HIGH	EXTREME	EXTREME	EXTREME
	B - LIKELY	MODERATE	HIGH	HIGH	EXTREME	EXTREME
	C - POSSIBLE	LOW	MODERATE	HIGH	EXTREME	EXTREME
	D - UNLIKELY	LOW	LOW	MODERATE	HIGH	EXTREME
	E - RARE	LOW	LOW	MODERATE	HIGH	HIGH

RISK EVALUATION TABLE

RISK LEVEL	ACTION REQUIRED
EXTREME	UNACCEPTABLE RISK. RE-DESIGN REQUIRED. DO NOT PROCEED WITHOUT ADDITIONAL CONTROLS.
HIGH	UNACCEPTABLE RISK. ADDITIONAL CONTROLS NEEDED. CONSIDER FURTHER REVIEW AND CONSIDER RE-DESIGN
MODERATE	RISK MAY BE ACCEPTABLE. MANAGEMENT TO DETERMINE ACTIONS REQUIRED
LOW	ACCEPTABLE. MANAGE RISK THROUGH ROUTINE PROCEDURES AND OTHER ADMINISTRATIVE CONTROLS

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
28/08/18	A	FOR CONSTRUCTION	GF	



TOWNSVILLE OFFICE
 84 DENHAM STREET
 PO BOX 1110
 TOWNSVILLE, QLD 4810
 PH: (07) 4772 0666
 WEB: www.premise.com.au

DESIGNED
G.CAMPBELL
 CHECKED
G.FYSH
 PROJECT MANAGER
M.GRIFFEY
 ENGINEERING CERTIFICATION
 R.PERKINS RPEQ 2319

SCALE
 ORIGINAL SHEET SIZE A1

CLIENT

THE DEPARTMENT OF STATE DEVELOPMENT

JOB CODE

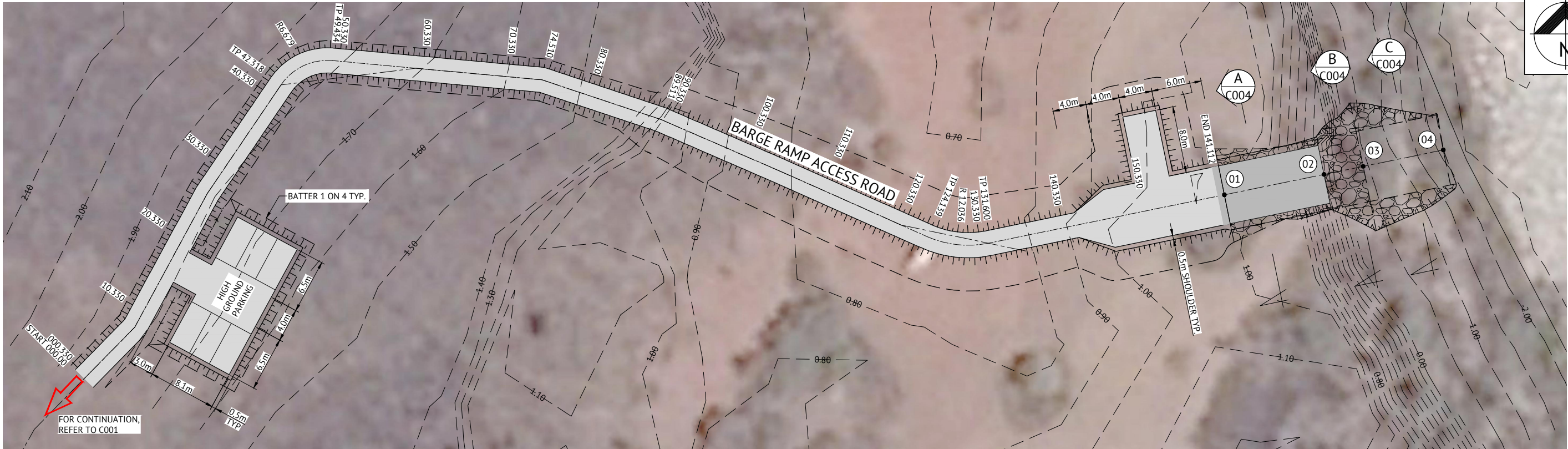
ALL-0006

PROJECT **MIPWUN BARGE RAMP**

LOCATION **MIPWUN**

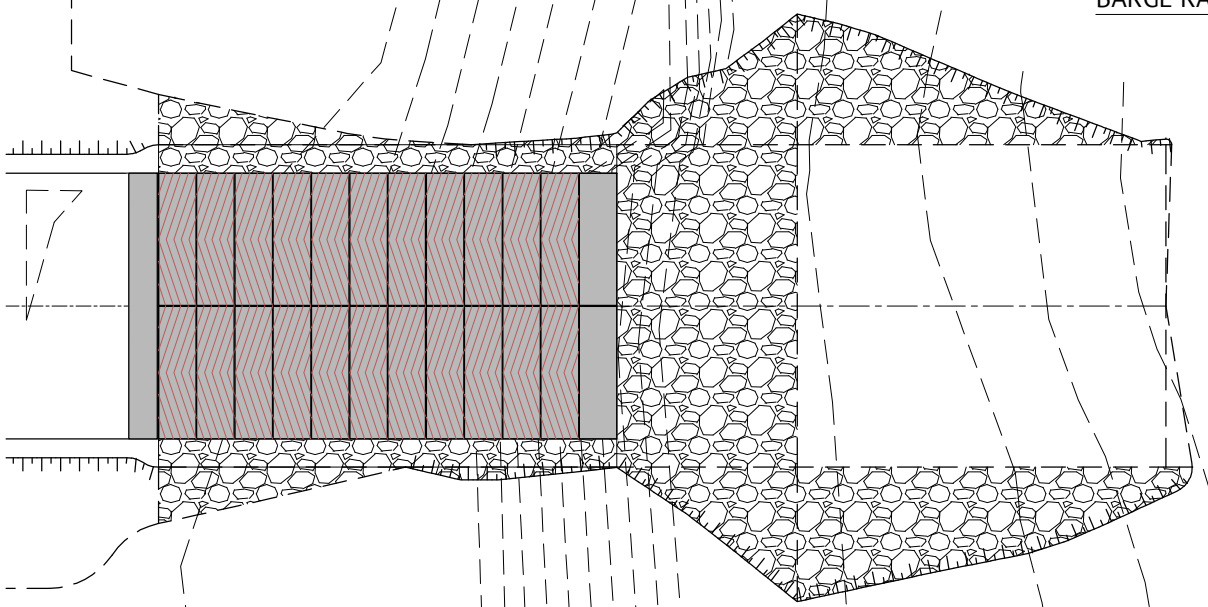
SHEET TITLE **SAFETY IN DESIGN**

SHEET NUMBER	REV
C002	A



BARGE RAMP LAYOUT PLAN

SCALE 1:250



BARGE RAMP DETAIL

SCALE 1:100

GENERAL NOTES

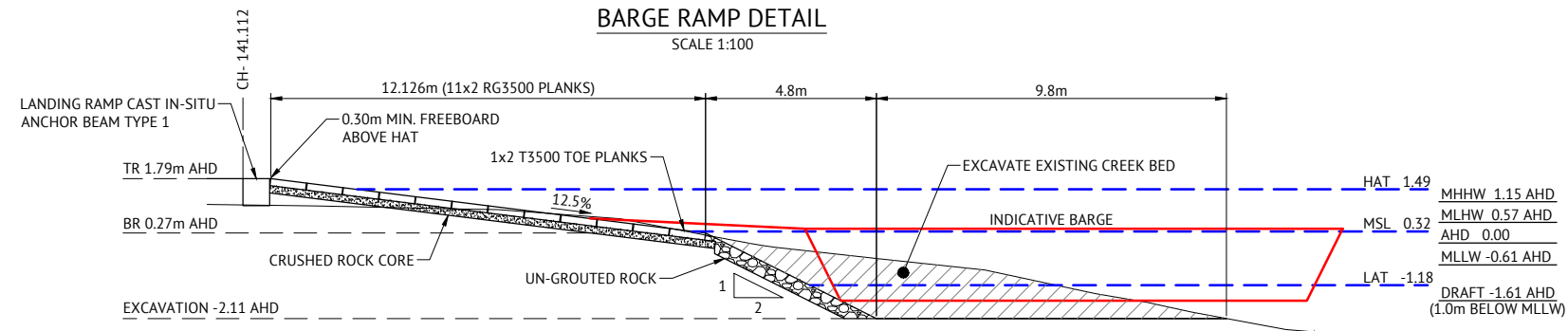
1. ALL DIMENSIONS ON THE DRAWINGS ARE IN METRES UNLESS SHOWN OTHERWISE.
2. LEVELS AND GRADIENTS AT JUNCTIONS WITH EXISTING WORKS MAY BE VARIED AS REQUIRED TO ACHIEVE SATISFACTORY CONNECTIONS.
3. ALL ROAD PAVEMENT MATERIAL TO BE LOCALLY SOURCED BAUXITE.
4. FINAL PAVEMENT DEPTHS SHALL PROVIDE FLOOD IMMUNITY FOR THE HIGHEST ASTRONOMICAL TIDE.
5. THE CONTRACTOR SHALL VERIFY LOCATIONS OF EXISTING SERVICES WITH ALL RELEVANT AUTHORITIES BEFORE COMMENCING WORK.
6. REFER TO DTMR STANDARD DRAWINGS FOR BARGE RAMP CONSTRUCTION DETAILS.

RAMP SETOUT DETAILS

POINT	EASTING	NORTHING
01	572063.893	8509547.998
02	572075.773	8509550.430
03	572080.444	8509551.386
04	572090.001	8509553.342

LEGEND

- ROAD AND HARDSTAND PAVEMENT
- CONCRETE BARGE RAMP



BARGE RAMP - TYPICAL RAMP LONG SECTION

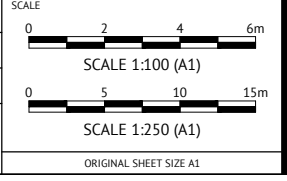
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FOR CONSTRUCTION				
DATE	REV	DESCRIPTION	REC	APP
28/08/18	A	FOR CONSTRUCTION		GF

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 84 DENHAM STREET
 PO BOX 1110
 TOWNSVILLE, QLD 4810
 PH: (07) 4772 0666
 WEB: www.premise.com.au

DESIGNED
G.CAMPBELL
 CHECKED
G.FYSH
 PROJECT MANAGER
M.GRIFFEY
 ENGINEERING CERTIFICATION

R.PERKINS RPEQ 2319



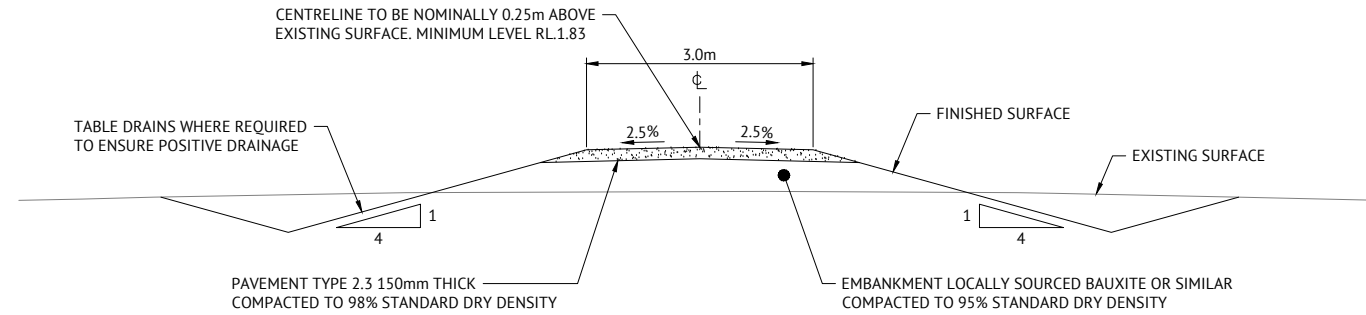
CLIENT **THE DEPARTMENT OF STATE DEVELOPMENT**

PROJECT **MIPWUN BARGE RAMP**

LOCATION **MIPWUN**

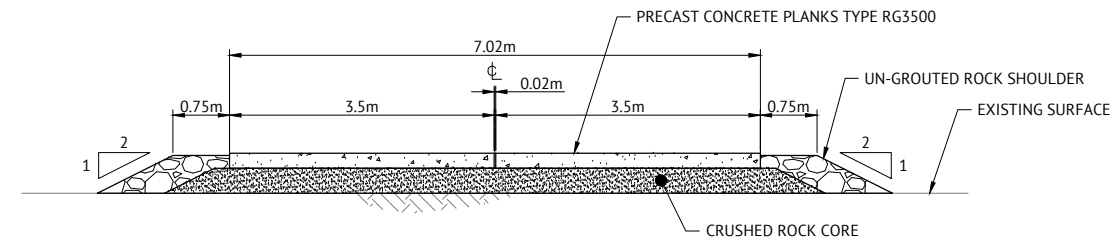
SHEET TITLE **GENERAL ARRANGEMENT**

JOB CODE	
ALL-0006	
SHEET NUMBER	REV
C003	A



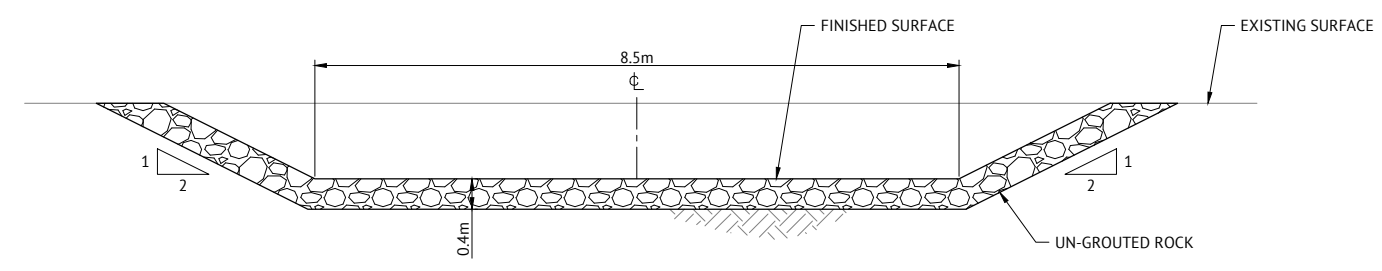
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SCALE 1:100



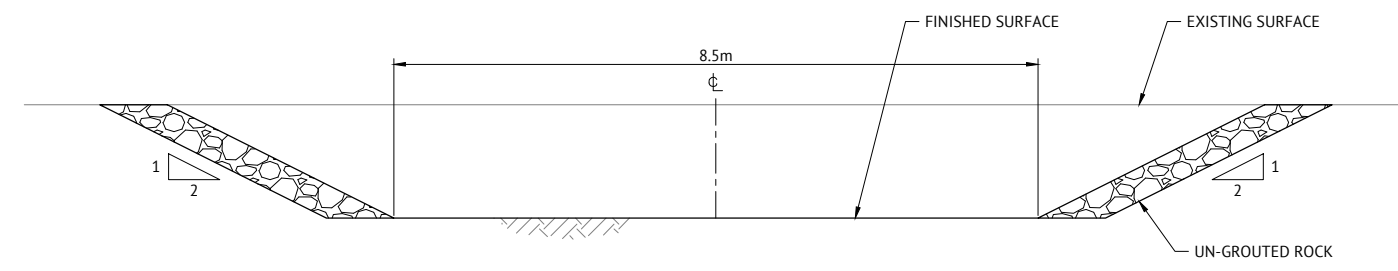
RAMP SECTION A

SCALE 1:100



RAMP SECTION B

SCALE 1:100



RAMP SECTION C

SCALE 1:100

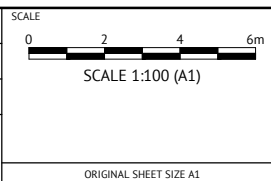
FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
28/08/18	A	FOR CONSTRUCTION	G.F.	



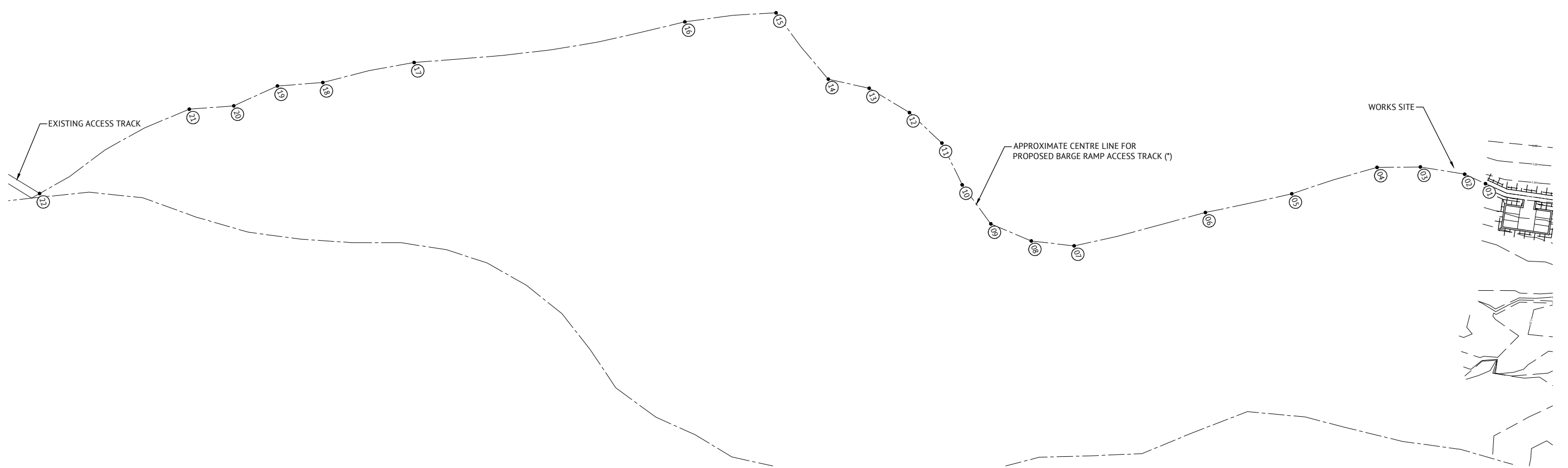
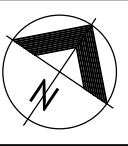
TOWNSVILLE OFFICE
84 DENHAM STREET
PO BOX 1110
TOWNSVILLE, QLD 4810
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DESIGNED
G.CAMPBELL
CHECKED
G.FYSH
PROJECT MANAGER
M.GRIFFEY
ENGINEERING CERTIFICATION
R.PERKINS RPEQ 2319



CLIENT THE DEPARTMENT OF STATE DEVELOPMENT
PROJECT MIPWUN BARGE RAMP
LOCATION MIPWUN
SHEET TITLE TYPICAL SECTIONS

JOB CODE	ALL-0006
SHEET NUMBER	C004
REV	A

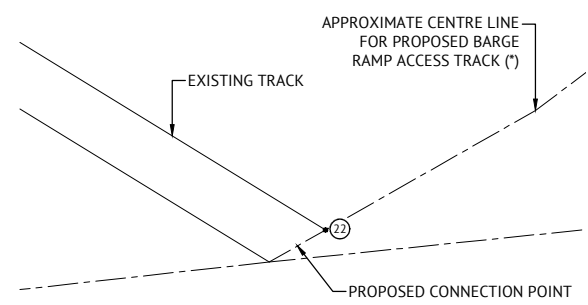


PROPOSED ACCESS TRACK PLAN
SCALE 1:750

SETOUT POINT DETAILS(#)

POINT	EASTING	NORTHING
01	571927.959	8509526.134
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02	571921.988	8509520.072
02	572075.773	8509550.430
03	571913.769	8509505.542
03	572080.444	8509551.386
04	571908.336	8509490.393
04	572090.001	8509553.342
05	571906.566	8509457.230
06	571901.986	8509424.684
07	571896.740	8509374.593
08	571889.503	8509360.258
09	571878.339	8509348.352
10	571861.061	8509343.382
11	571843.861	8509341.672
12	571829.074	8509334.271
13	571815.409	8509323.334
14	571806.995	8509310.242
15	571777.124	8509300.531
16	571768.532	8509267.546
17	571747.878	8509167.848
18	571743.118	8509133.422
19	571738.474	8509117.133
20	571739.801	8509099.357
21	571735.232	8509083.407
22	571745.385	8509020.316

NOTES:
(*) PROPOSED ACCESS TRACK ALIGNMENT BY SURVEYOR. ± 30m ACCURACY.
(#) TO BE CONFIRMED BY SURVEYOR PRIOR TO CONSTRUCTION.



PROPOSED ACCESS TRACK CONNECTION
SCALE 1:200

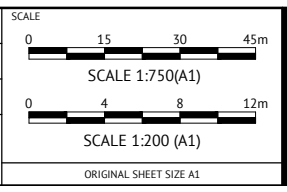
FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
28/08/18	A	FOR CONSTRUCTION	G.F	



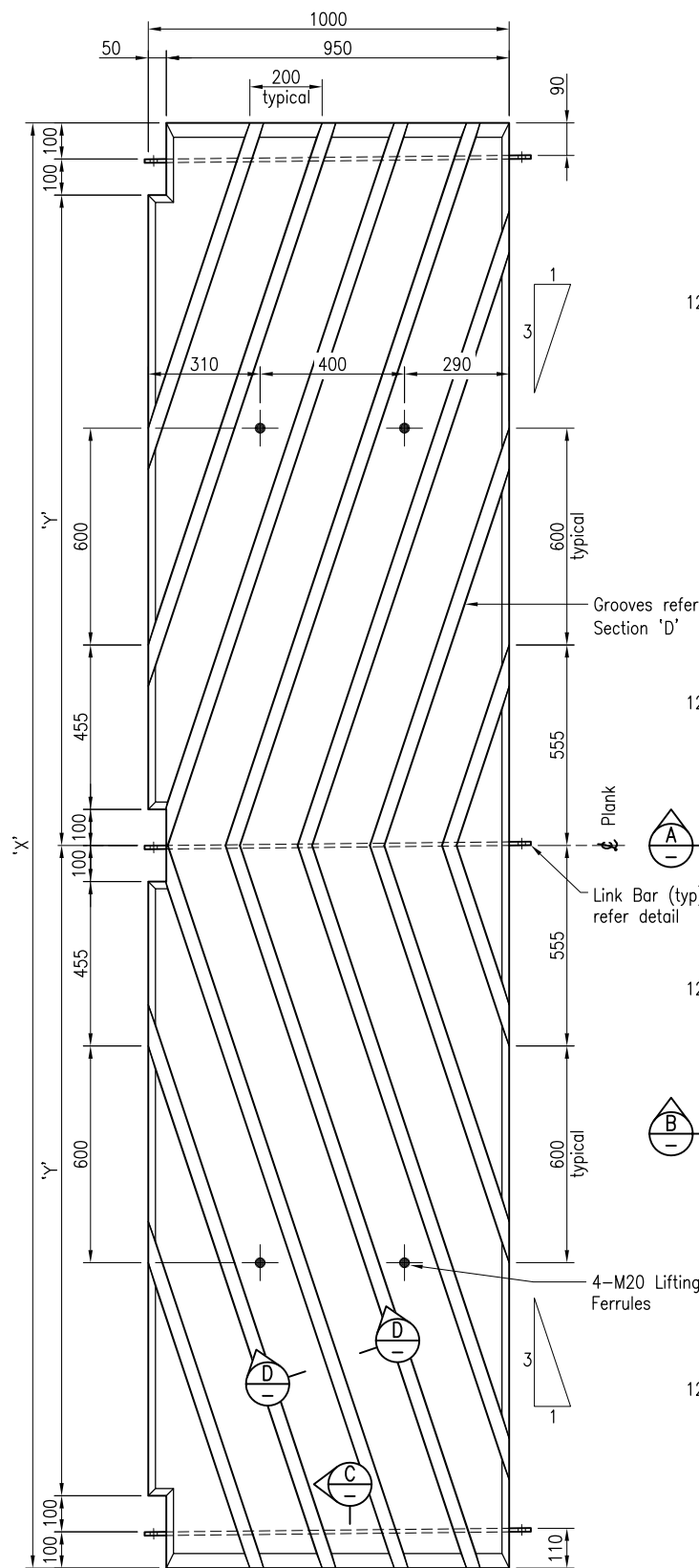
TOWNSVILLE OFFICE
84 DENHAM STREET
PO BOX 1110
TOWNSVILLE, QLD 4810
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PROJECT MANAGER
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ENGINEERING CERTIFICATION
R.PERKINS RPEQ 2319

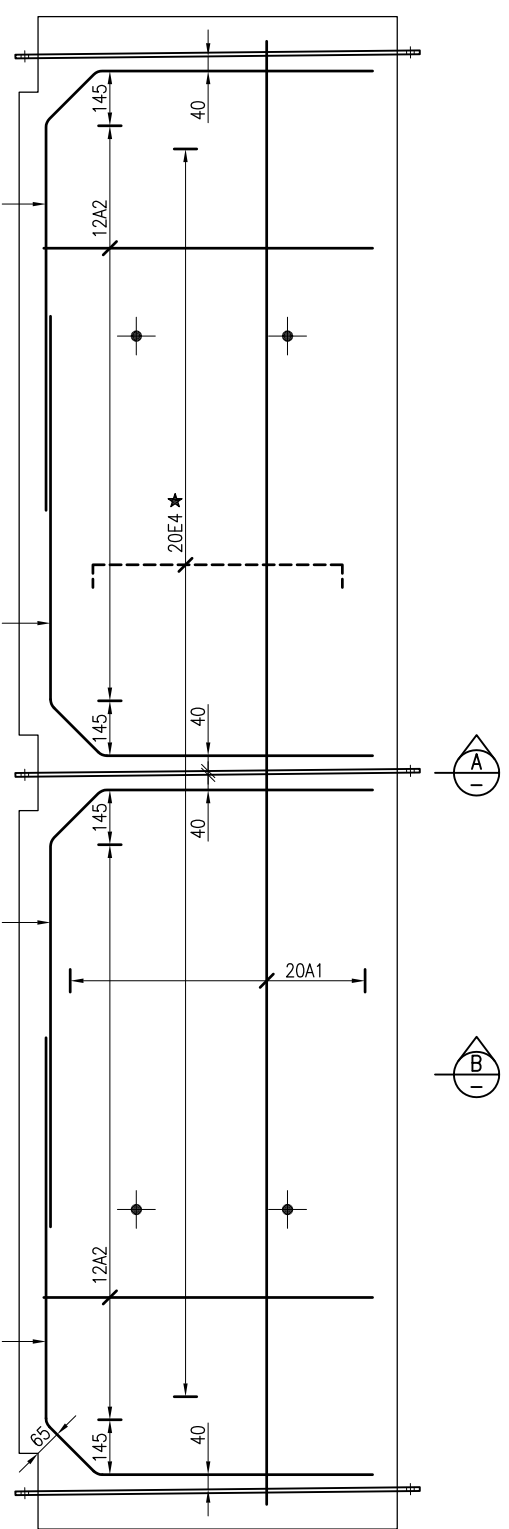


CLIENT **THE DEPARTMENT OF STATE DEVELOPMENT**
PROJECT **MIPWUN BARGE RAMP**
LOCATION **MIPWUN**
SHEET TITLE **INDICATIVE ALIGNMENT OF NEW TRACK**

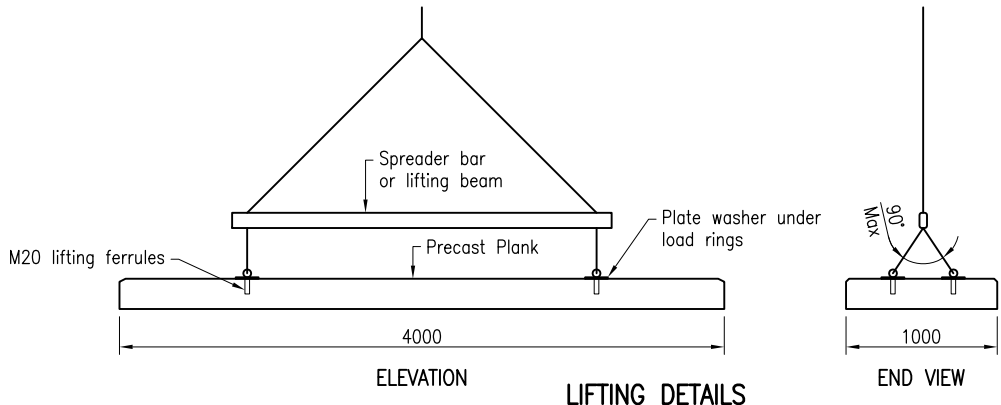
JOB CODE **ALL-0006**
SHEET NUMBER **C005** REV **A**



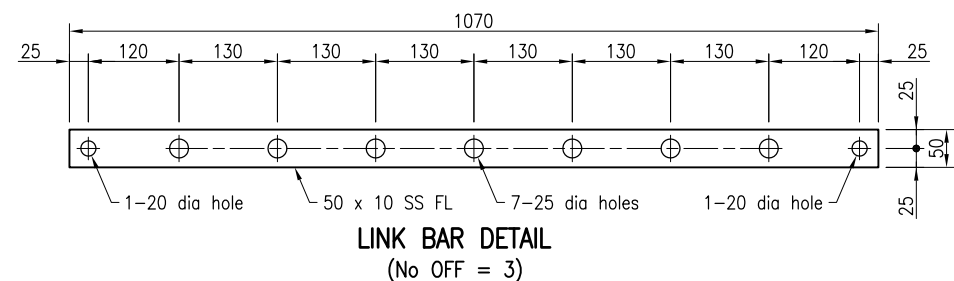
PLAN



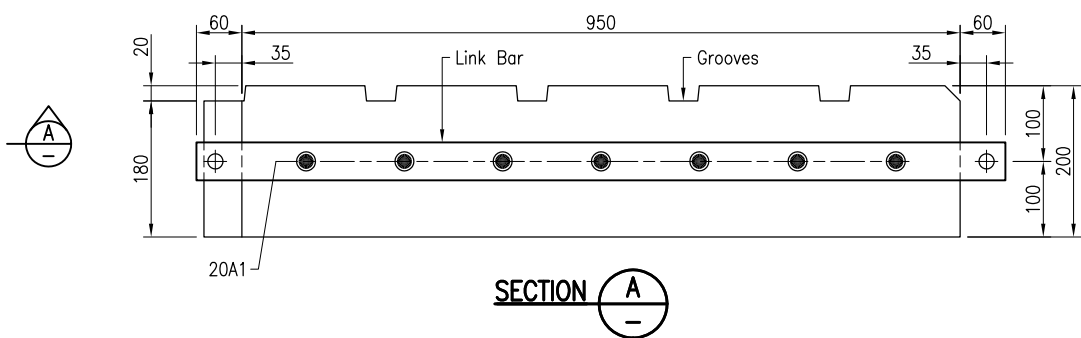
REINFORCEMENT PLAN



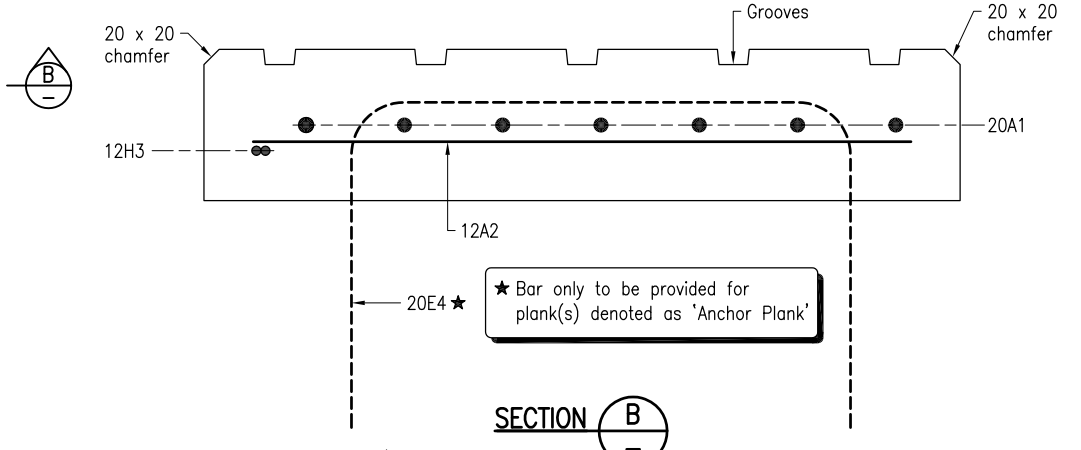
LIFTING DETAILS



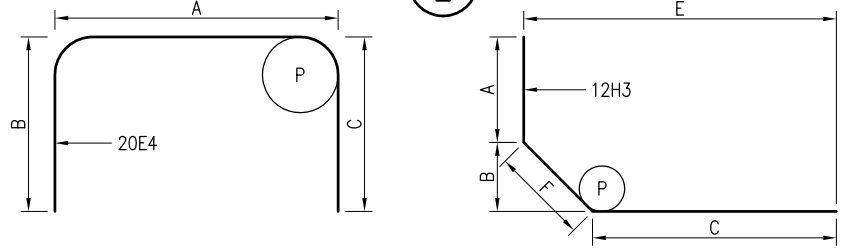
LINK BAR DETAIL
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SECTION A



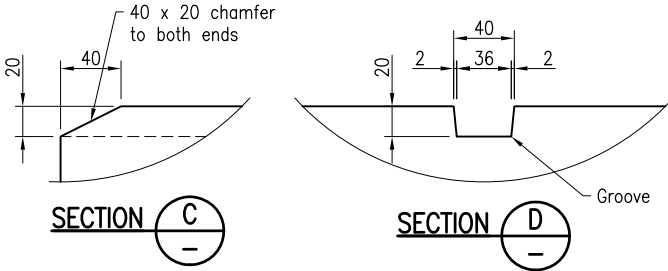
SECTION B



BAR DIMENSIONS

SCHEDULE

PLANK TYPE	DIMENSIONS		REINFORCEMENT												
	'X'	'Y'	Bar Mark	Grade and Size	Shape	P	A	B	C	E	F	Length	Quantity	Centres	
RG4000	4000	1800	20A1	N20	A	-	3870	-	-	-	-	3870	7	130	
			12A2	N12	A	-	870	-	-	-	-	-	870	24	138
			12H3	N12	H	60	1020	140	715	855	198	1933	4	-	
			20E4 ★	20 dia SS round bar	E	100	660	430	430	-	-	1429	4	1100	
RG3500	3500	1550	20A1	N20	A	-	3370	-	-	-	-	3370	7	130	
			12A2	N12	A	-	870	-	-	-	-	-	870	20	138
			12H3	N12	H	60	900	140	715	855	198	1813	4	-	
			20E4 ★	20 dia SS round bar	E	100	660	430	430	-	-	1429	4	1000	



NOTES:

1. PRECAST PLANKS to be manufactured to MRTS72.
2. DESIGN LOADING: This plank shall only be used for recreational boating situations. The maximum design load is for a dual axle trailer - 2 tonnes per axle at 750 centres.
3. CONCRETE to be in accordance with MRTS70. Concrete to be S50/20, exposure classification C.
4. REINFORCING STEEL to be in accordance with AS/NZS 4671 and MRTS71. Deformed bars Grade D500N. Minimum cover to reinforcing steel shall be 65 unless shown otherwise. All carbon reinforcing steel to be Australian Certification Authority for Reinforcing Steel (ACRS) certified. All carbon steel reinforcing bars, reinforcing mesh and tie wires shall be hot dip galvanised to AS/NZS 4680. Stainless Steel reinforcing to be in accordance BS 6774 and MRTS71A. Stainless Steel round bar Grade 316.
5. STAINLESS STEEL to be in accordance with ASTM A276. Stainless Steel flat bar Grade 316. All work shall be neatly finished with sharp edges removed.
6. TRAFFICABLE SURFACE FINISH: The aggregate shall be lightly or medium exposed and level with or slightly above the concrete matrix to achieve a non-slip finish.
7. MASS of RG4000 Precast Plank is 2000 kg. MASS of RG3500 Precast Plank is 1750 kg. The mass of the plank shall be clearly and permanently marked on a side surface.
8. M20 FERRULES shall be stainless steel Grade 316 Elephant Foot Ferrules with the following capacities:

Ferrule	Length	Minimum Working Load Limit
M20	95mm	(Tension) 26.6kN for concrete strength of 32MPa

Cross bars (if required to achieve minimum strength requirements) shall be stainless steel Grade 316. The manufacturer shall seek approval for the proposed ferrules in accordance with Clause 5.6 of MRTS72.
9. LIFTING, TRANSPORTATION AND STORAGE shall be in accordance with MRTS72. Planks shall not be moved before attaining a minimum strength of 32 MPa.
10. DIMENSIONS are in millimetres unless shown otherwise.

Departmental Specifications:

- MRTS70 Concrete
- MRTS71 Reinforcing Steel
- MRTS71A Stainless Steel Reinforcing
- MRTS72 Manufacture of Precast Elements

Australian and International Standards:

- AS/NZS 1594 Hot Rolled Steel Flat Products
- AS/NZS 3678 Structural Steel - Hot-rolled Plates, Floor Plates and Slabs
- AS/NZS 4671 Steel Reinforcing Materials
- AS/NZS 4680 Hot-dip Galvanized (Zinc) Coatings on Fabricated Ferrous Articles
- ASTM A276 Standard Specification for Stainless Steel Bars and Shapes
- BS 6744 Stainless Steel Reinforcement for use in Concrete

Department of Transport and Main Roads

PRECAST PLANKS FOR BOAT RAMP

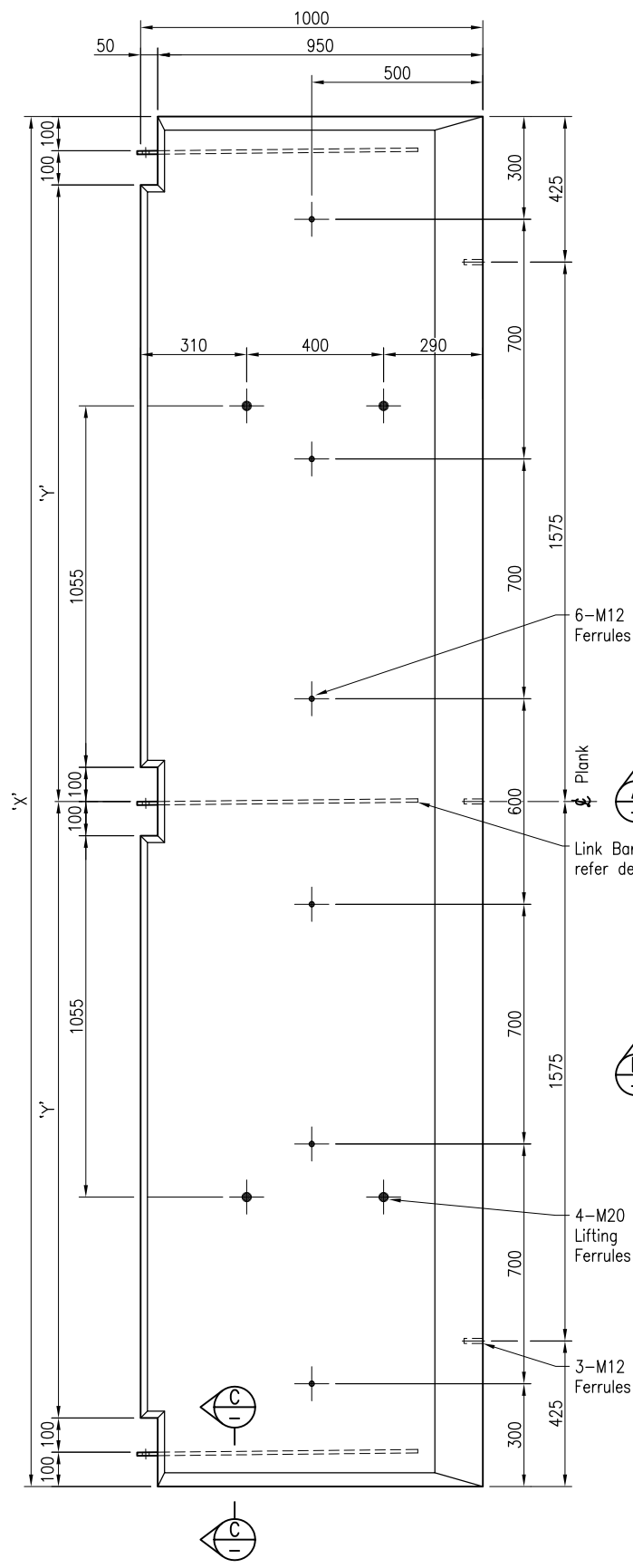
TYPES RG4000 AND RG3500

Standard Drawing No **4000**

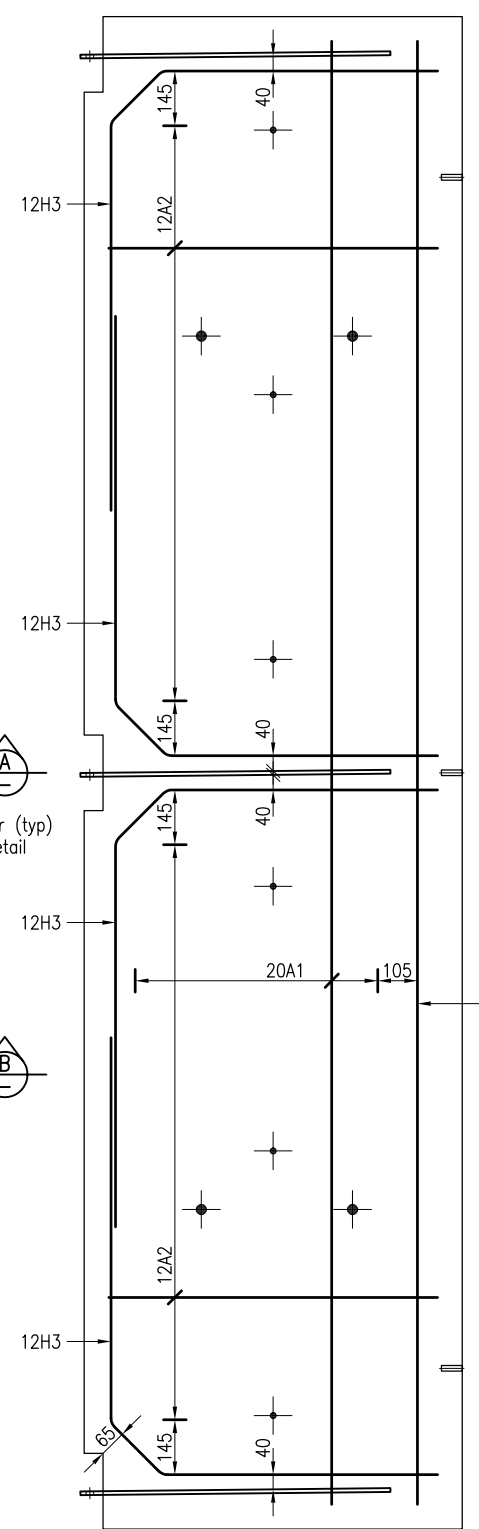
Date 10/16

Scale: A3, Not to Scale

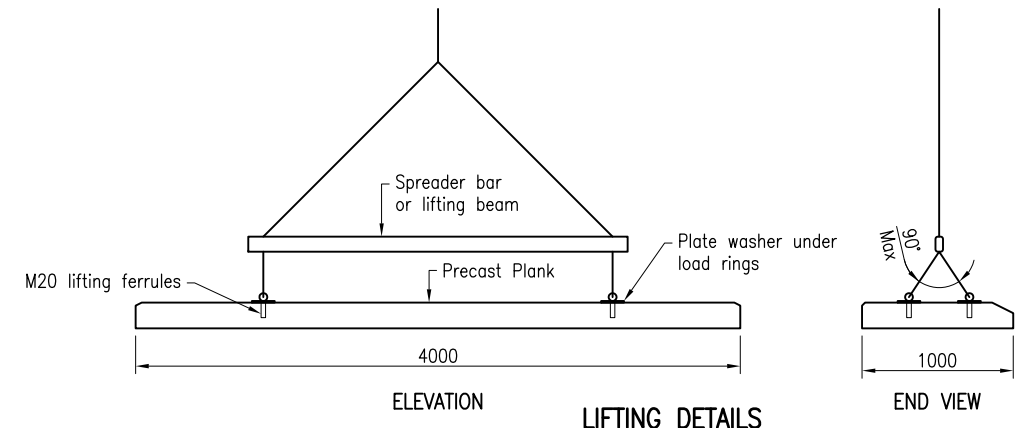
Queensland Government logo and copyright information.



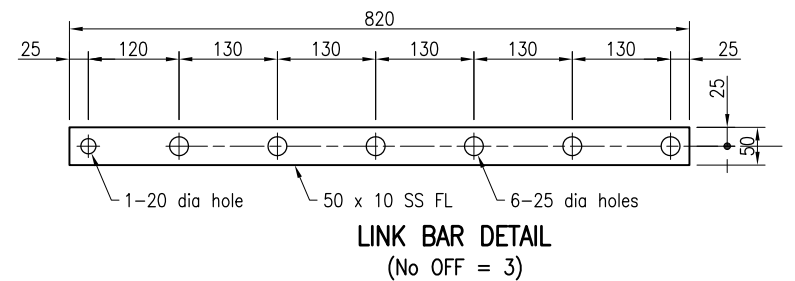
PLAN



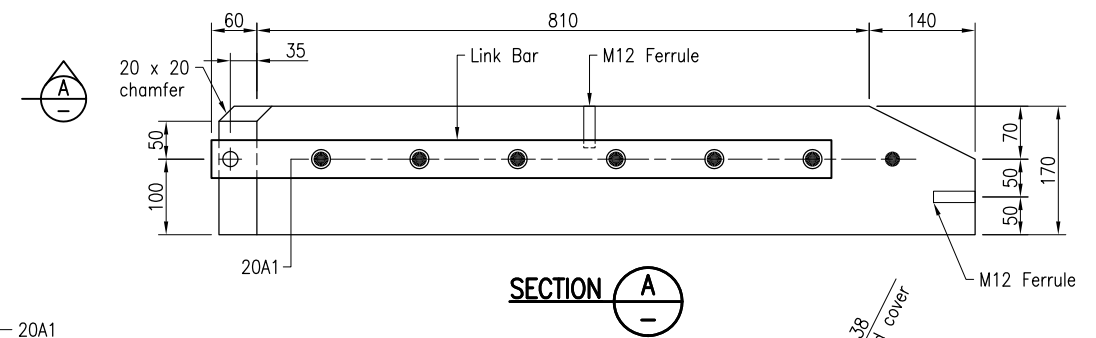
REINFORCEMENT PLAN



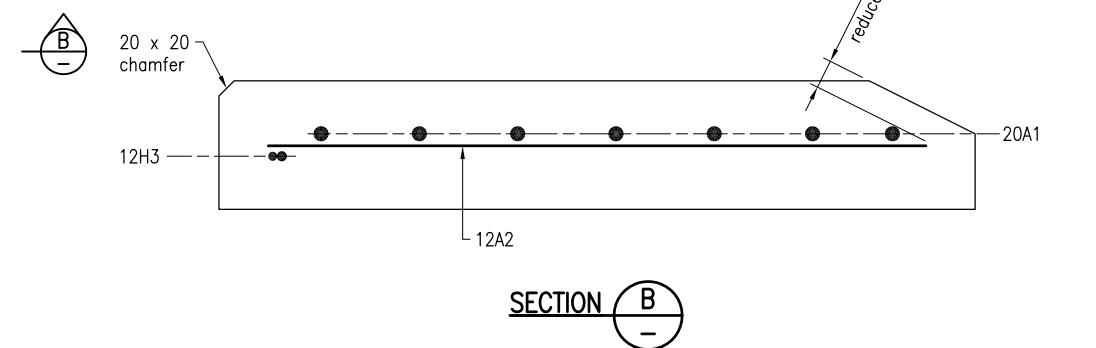
LIFTING DETAILS



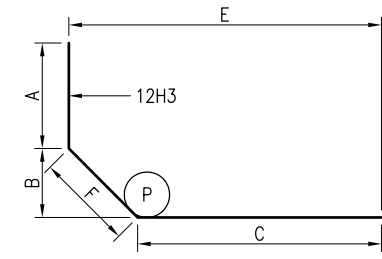
LINK BAR DETAIL
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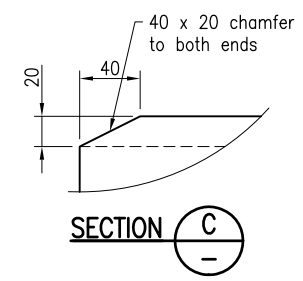
SECTION A



SECTION B



BAR DIMENSIONS



SECTION C

SCHEDULE

PLANK TYPE	DIMENSIONS		REINFORCEMENT											
	'X'	'Y'	Bar Mark	Grade and Size	Shape	P	A	B	C	E	F	Length	Quantity	Centres
T4000	4000	1800	20A1	N20	A	-	3870	-	-	-	-	3870	7	130
			12A2	N12	A	-	870	-	-	-	-	870	24	138
			12H3	N12	H	60	1020	140	715	855	198	1933	4	-
T3500	3500	1550	20A1	N20	A	-	3370	-	-	-	-	3370	7	130
			12A2	N12	A	-	870	-	-	-	-	870	20	138
			12H3	N12	H	60	900	140	715	855	198	1813	4	-

NOTES:

- PRECAST PLANKS to be manufactured to MRTS72.
- DESIGN LOADING: This plank shall only be used for recreational boating situations. The maximum design load is for a dual axle trailer - 2 tonnes per axle at 750 centres.
- CONCRETE to be in accordance with MRTS70. Concrete to be S50/20, exposure classification C.
- REINFORCING STEEL to be in accordance with AS/NZS 4671 and MRTS71. Deformed bars Grade D500N. Minimum cover to reinforcing steel shall be 65 unless shown otherwise. All carbon reinforcing steel to be Australian Certification Authority for Reinforcing Steel (ACRS) certified. All carbon steel reinforcing bars, reinforcing mesh and tiewire shall be hot dip galvanised to AS/NZS 4680.
- STAINLESS STEEL to be in accordance with ASTM A276. Stainless Steel flat bar Grade 316. All work shall be neatly finished with sharp edges removed.
- TRAFFICABLE SURFACE FINISH: The aggregate shall be lightly or medium exposed and level with or slightly above the concrete matrix to achieve a non-slip finish.
- MASS of T4000 Precast Plank is 1650 kg. MASS of T3500 Precast Plank is 1450 kg. The mass of the plank shall be clearly and permanently marked on a side surface.
- M12 AND M20 FERRULES shall be stainless steel Grade 316 Elephant Foot Ferrules with the following capacities:

Ferrule	Length	Minimum Working Load Limit
M12	55mm	(Tension) 10.8kN (Shear) 12.1kN for concrete strength of 40MPa
M20	95mm	(Tension) 26.6kN for concrete strength of 32MPa

Cross bars (if required to achieve the minimum strength requirement) shall be stainless steel Grade 316. The manufacturer shall seek approval for the proposed ferrules in accordance with Clause 5.6 of MRTS72.
- LIFTING, TRANSPORTATION AND STORAGE shall be in accordance with MRTS72. Planks shall not be moved before attaining a minimum strength of 32 MPa.
- DIMENSIONS are in millimetres unless shown otherwise.

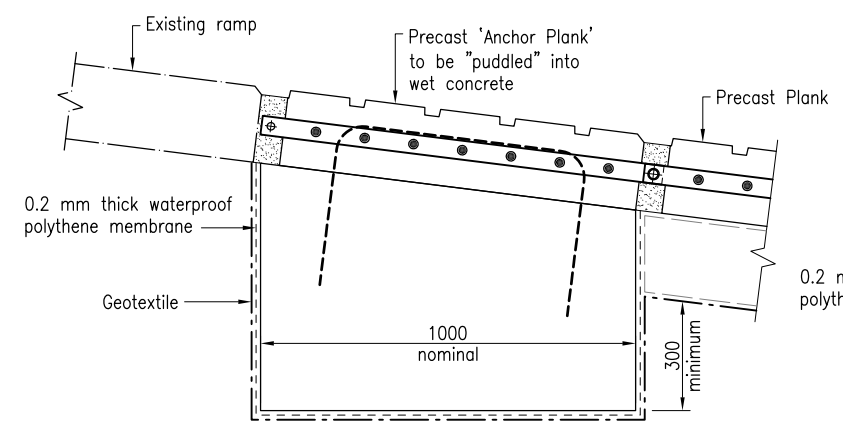
REFERENCED DOCUMENTS:

- Departmental Specifications:
- MRTS70 Concrete
 - MRTS71 Reinforcing Steel
 - MRTS71A Stainless Steel Reinforcing
 - MRTS72 Manufacture of Precast Elements
- Australian and International Standards:
- AS/NZS 1594 Hot Rolled Steel Flat Products
 - AS/NZS 3678 Structural Steel - Hot-rolled Plates, Floor Plates and Slabs
 - AS/NZS 4671 Steel Reinforcing Materials
 - AS/NZS 4680 Hot-dip Galvanized (Zinc) Coatings on Fabricated Ferrous Articles
 - ASTM A276 Standard Specification for Stainless Steel Bars and Shapes

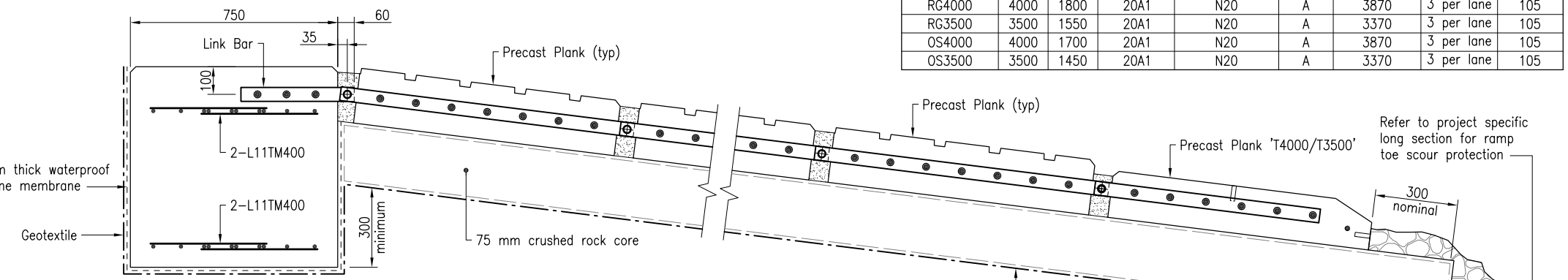
Department of Transport and Main Roads		<p>© The State of Queensland (Department of Transport and Main Roads) 2016 http://creativecommons.org/licenses/by/3.0/au</p>	
PRECAST PLANKS FOR BOAT RAMP			
TYPES T4000 AND T3500		A3	Standard Drawing No
		Not to Scale	4002
			Date 10/16
A	B		

ANCHOR BEAM TYPE 1 SCHEDULE

PLANK TYPE	DIMENSIONS		REINFORCEMENT					
	'X'	'Y'	Bar Mark	Grade & Size	Shape	Length (A)	Quantity	Centres
RG4000	4000	1800	20A1	N20	A	3870	3 per lane	105
RG3500	3500	1550	20A1	N20	A	3370	3 per lane	105
OS4000	4000	1700	20A1	N20	A	3870	3 per lane	105
OS3500	3500	1450	20A1	N20	A	3370	3 per lane	105



ANCHOR BEAM TYPE 2



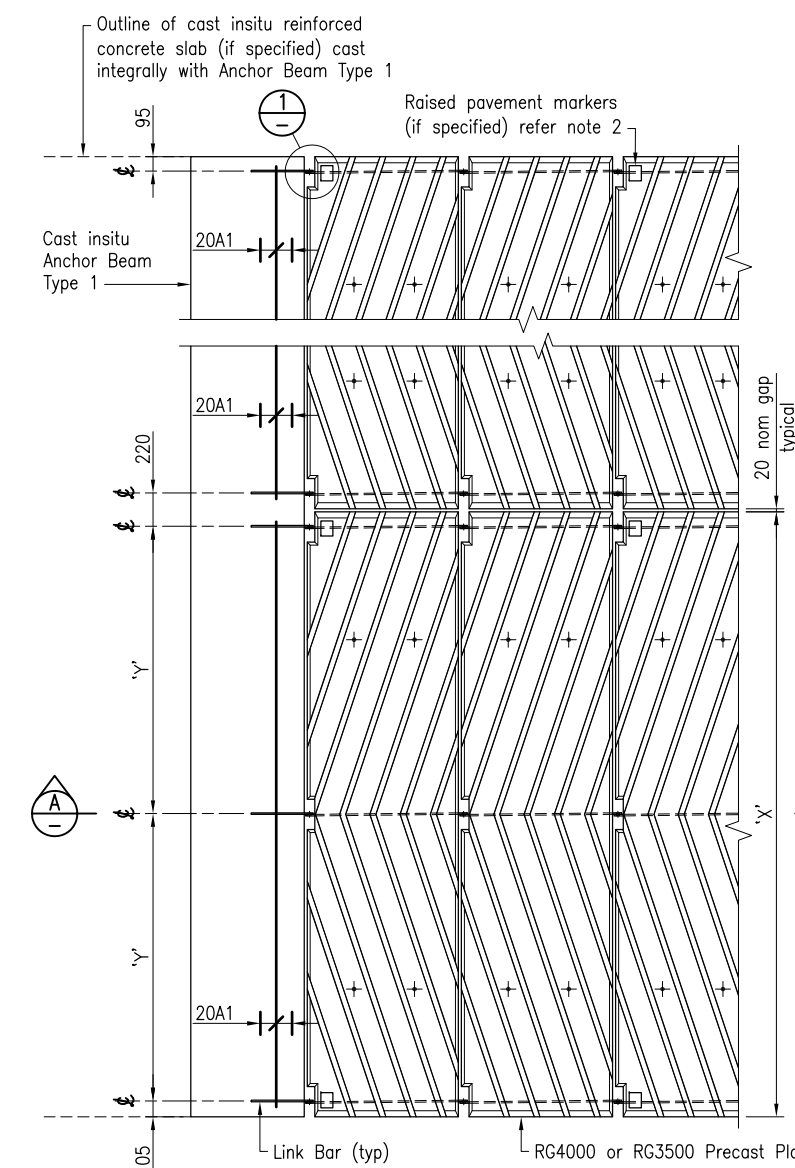
ANCHOR BEAM TYPE 1

SECTION A

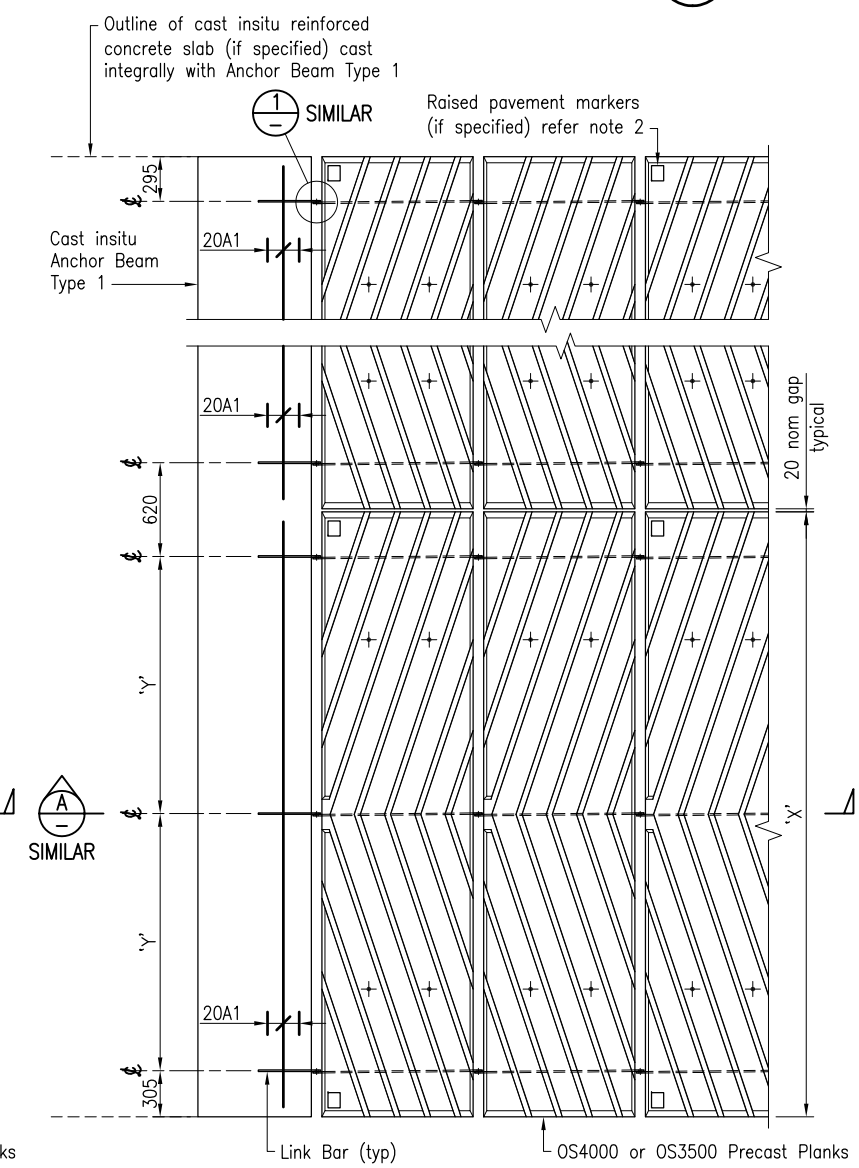
Crushed rock core shown indicatively only. Depth of core will depend on existing/excavated surface profile. Refer to project specific design drawings for further details.

NOTES:

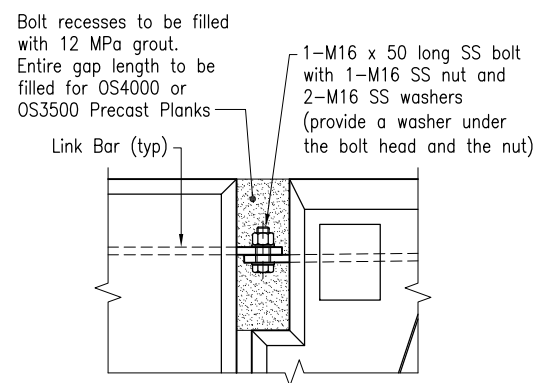
- CONSTRUCTION OF BOAT RAMP shall be in accordance with MRTS300.
- RETROREFLECTIVE RAISED PAVEMENT MARKERS (RRPM) shall be applied where shown (if required) on the project specific design drawings. Pavement markers shall be yellow Type A1 bidirectional markers in accordance with AS 1906.3. Size to be 80 x 100 or 100 x 100. Pavement markers shall be fully supported on precast planks without overhanging the grooves. The reflective faces shall be aligned longitudinally so they face the water and the ramp approach. Contact surfaces are to be evenly ground back 1-2 mm, cleaned to remove all loose material and other contaminants, and thoroughly dried prior to adhesion. A two part epoxy adhesive for bonding to concrete shall be spread evenly over the entire base of the marker with sufficient thickness to fill voids, and shall flow out the sides to demonstrate full adhesion. Excess adhesive shall be removed without contaminating the reflective faces.
- CONCRETE to be in accordance with MRTS70. Concrete to be S50/20, exposure classification C. Concrete to be cured in accordance with MRTS70. All exposed concrete edges shall have 20 x 20 chamfers unless shown otherwise.
- REINFORCING STEEL to be read in conjunction with Standard Drawings 1043 and 1044. Reinforcing steel to be in accordance with AS/NZS 4671 and MRTS71. Deformed bars Grade D500N. Mesh Grade D500L. Minimum cover to reinforcing steel shall be 65 unless shown otherwise. All carbon reinforcing steel to be Australian Certification Authority for Reinforcing Steel (ACRS) certified. All carbon steel reinforcing bars, reinforcing mesh and tielines shall be hot dip galvanised to AS/NZS 4680.
- STAINLESS STEEL to be in accordance with ASTM A276. Stainless Steel flat bar Grade 316. All work shall be neatly finished with sharp edges removed.
- SURFACE FINISH: Trafficable surface of Anchor Beam Type 1 to have a medium broom finish at 90° to the boat ramp control line.
- STAINLESS STEEL BOLTS to be Grade A4/316, nuts to be Grade A4/316 A4-70 and washers to be Grade 316, and shall conform to ISO 3506. All stainless steel bolts, nuts and washers shall be either electro polished or passivated in accordance with ASTM 380. A nickel based anti-sieze lubricant shall be applied to threads prior to assembly. Bolted joints to be wrapped with polyethylene tape before grouting.
- For RG4000 and RG3500 Precast Plank details refer Standard Drawing 4000. For OS4000 and OS3500 Precast Plank details refer Standard Drawing 4001. For T4000 and T3500 Precast Plank details refer Standard Drawing 4002. For geotextile, geogrid, 75 mm crushed rock and earthworks details refer Standard Drawing 4021.
- DIMENSIONS are in millimetres unless shown otherwise.



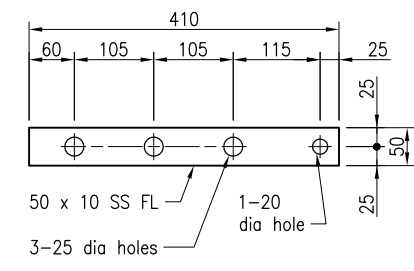
**LINK BAR SETOUT FOR RG4000 and RG3500 PRECAST PLANKS
PLAN VIEW**



**LINK BAR SETOUT FOR OS4000 and OS3500 PRECAST PLANKS
PLAN VIEW**



DETAIL 1



**(No OFF = 3 per lane)
LINK BAR DETAIL**

ASSOCIATED DEPARTMENTAL DOCUMENTS:

- Standard Drawings Specifications

REFERENCED DOCUMENTS:

- Departmental Standard Drawings: 1043 Reinforcing Steel - Standard Bar Shapes, Typical Details and Notes; 1044 Reinforcing Steel - Lap Lengths

Departmental Standard Drawings continued:

- 4000 Precast Plank for Boat Ramp - Types RG4000 and RG3500
- 4001 Precast Plank for Boat Ramp - Types OS4000 and OS3500
- 4002 Precast Plank for Boat Ramp - Types T4000 and T3500
- 4021 Boat Ramp Construction - Earthworks and Crushed Rock Core Details

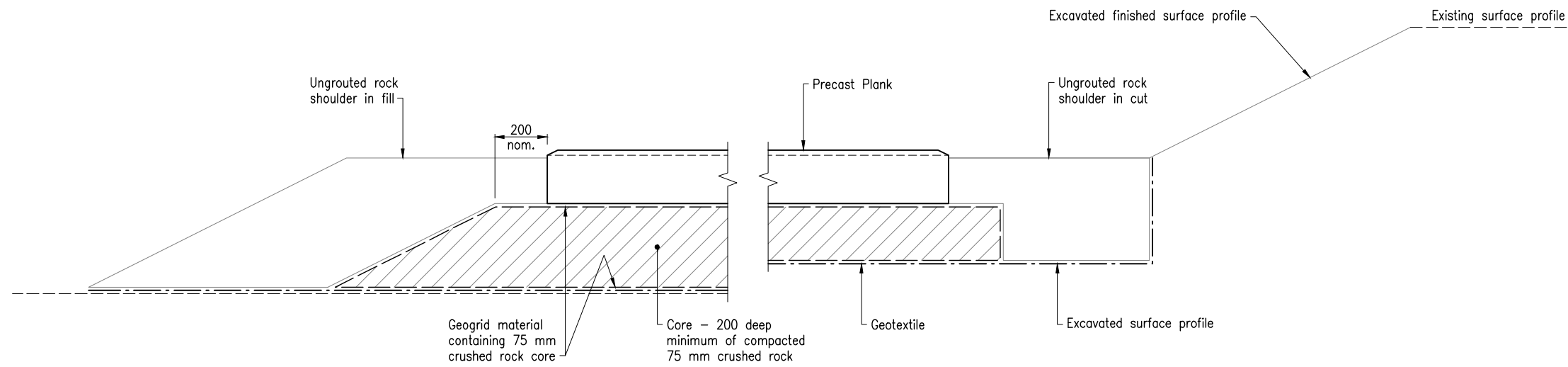
Departmental Specifications:

- MRTS70 Concrete
- MRTS71 Reinforcing Steel
- MRTS300 Boat Ramps

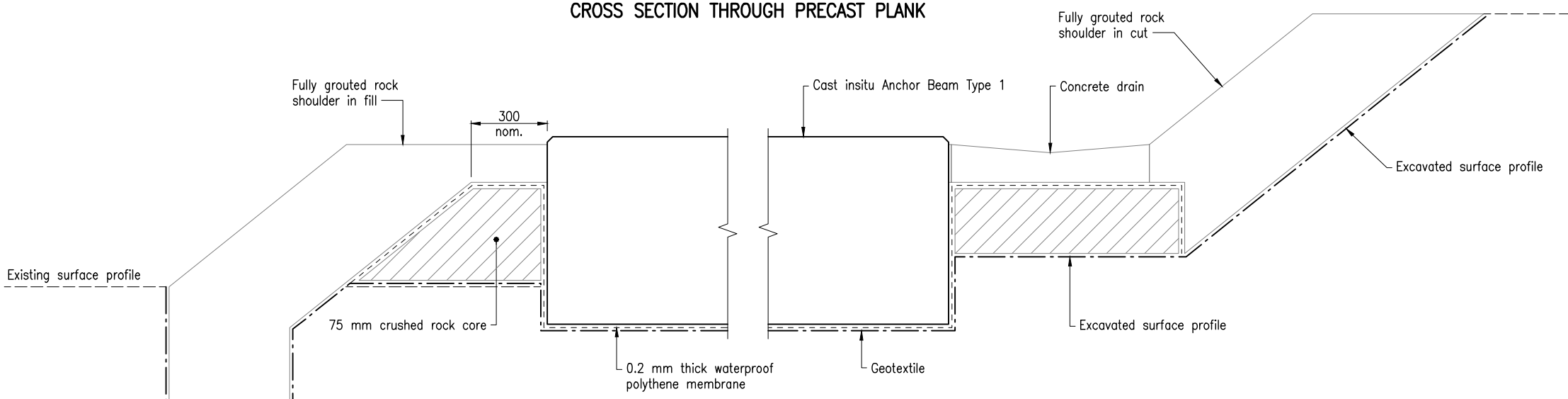
Australian and International Standards:

- AS 1906.3 Retroreflective Materials and Devices for Road Traffic Control Purposes - Raised Pavement Markers
- AS/NZS 4671 Steel Reinforcing Materials
- AS/NZS 4680 Hot-dip Galvanized (Zinc) Coatings on Fabricated Ferrous Articles
- ASTM A276 Standard Specification for Stainless Steel Bars and Shapes
- ASTM 380 Standard Practice for Cleaning, Descaling, and Passivation of Stainless Steel Parts, Equipment, and Systems
- ISO 3506 Mechanical Properties of Corrosion-resistant Stainless Steel Fasteners

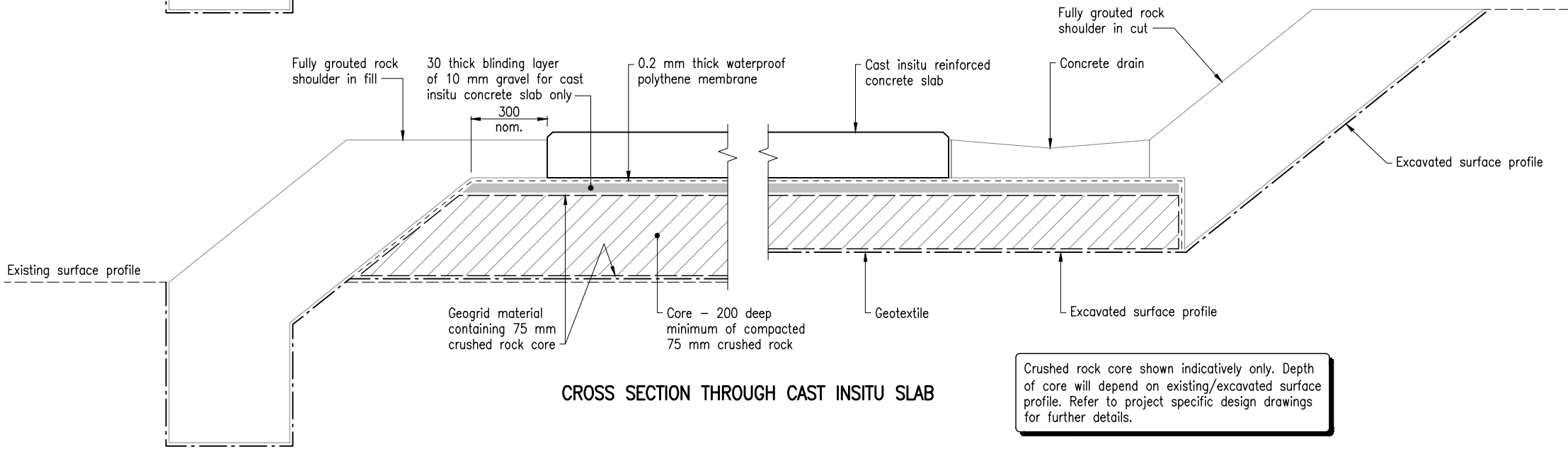
Department of Transport and Main Roads		<p>© The State of Queensland (Department of Transport and Main Roads) 2016 http://creativecommons.org/licenses/by/3.0/au</p>
BOAT RAMP		
BOAT RAMP CONSTRUCTION - PRECAST PLANK INSTALLATION AND ANCHOR BEAM - TYPES 1 AND 2		Standard Drawing No <h1 style="text-align: center;">4020</h1> Date 07/16
A3	Not to Scale	



CROSS SECTION THROUGH PRECAST PLANK



CROSS SECTION THROUGH CAST INSITU ANCHOR BEAM TYPE 1



CROSS SECTION THROUGH CAST INSITU SLAB

Crushed rock core shown indicatively only. Depth of core will depend on existing/excavated surface profile. Refer to project specific design drawings for further details.

NOTES:

- CONSTRUCTION OF BOAT RAMP shall be in accordance with MRTS300.
- 75 mm CRUSHED ROCK shall have the following grading:

Australian Standard Sieve Size	Percent Passing
100	100
53	< 30
37.5	0

- CRUSHED ROCK COMPACTION shall be in accordance with MRTS300.
- 10 mm GRAVEL BLINDING LAYER shall only be used under cast insitu concrete slabs. Blinding layer is not to be used under precast planks.
- TREATMENT OF ASS/PASS and other contaminants (if required) is defined in the project specific Environmental Management Plan.
- GEOGRID shall have the following properties:

Parameter	Requirement
Material	Manufactured from polypropylene sheet with transverse and longitudinal ribs of minimum thickness 1.3 mm
Aperture size	Approximately 37x 37 to contain 75 mm crushed rock
Quality Control Strength	30 kN/m with a peak strain of 10% in both directions
Junction strength between the longitudinal and transverse ribs	Greater than 95% of the Quality Control Strength in both directions

Unless shown otherwise laps shall be 250 minimum and braided together so that both edges are fixed to the lapped sheets.

Braid shall have a nominal weight of 6.8 g/m and be made from 3 ply, 19 strands per ply, high density polyethylene (HDPE), and shall have a breaking strength greater than 200 kg.

- GEOTEXTILE shall have the following properties:

Parameter	Requirement
Material	Non-woven needle punched staple fibre polyester or polypropylene meeting minimum strength Class D and Filtration Class 1
Elongation	>= 30%
Grab Strength	1200 N
Tear Strength	450 N
G Rating	3000

Placement shall be in accordance with MRTS300.

Unless shown otherwise laps shall be 500 minimum.

Construction equipment shall not stand or travel directly over geotextile.

Rock armour (> 150 mm) placed directly on geotextile shall have a maximum drop height of 1.5m.

- For precast plank installation and anchor beam details refer Standard Drawing 4020.
- DIMENSIONS are in millimetres unless shown otherwise.

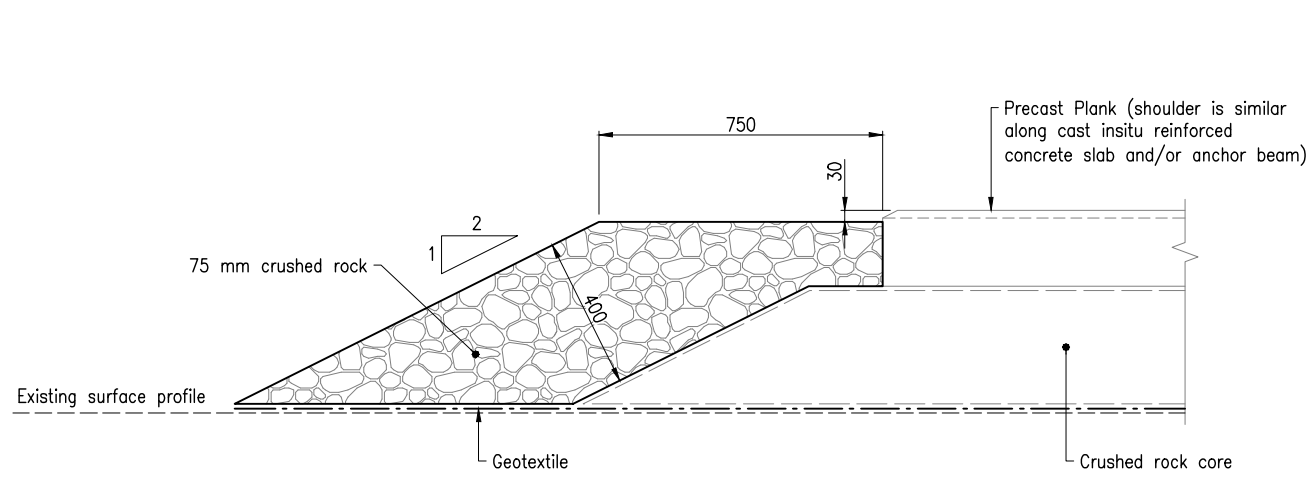
ASSOCIATED DEPARTMENTAL DOCUMENTS:

- Standard Drawings
- Specifications

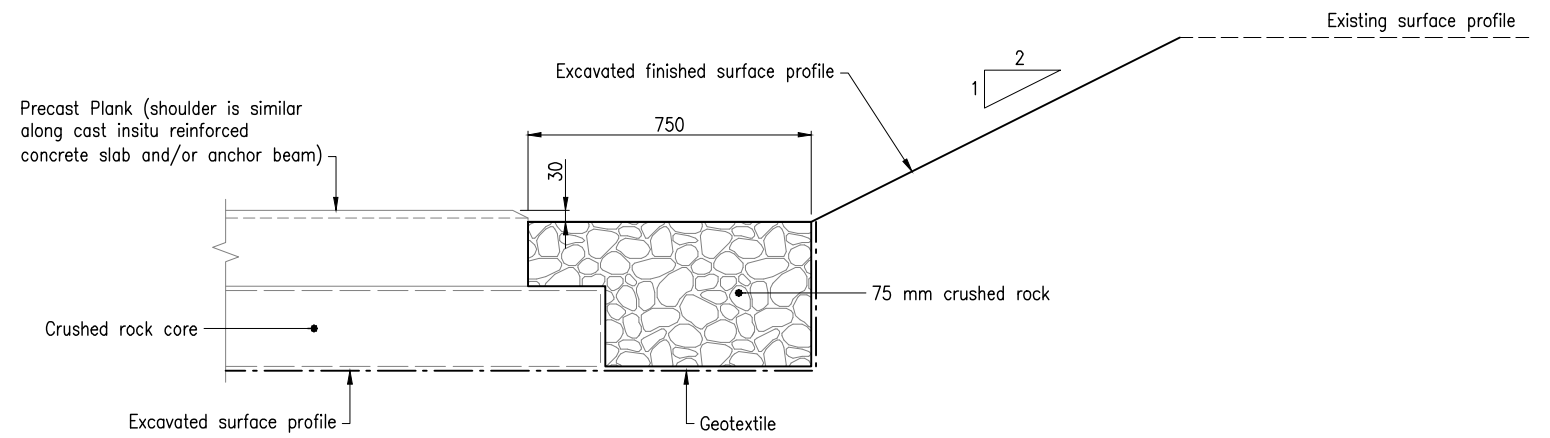
REFERENCED DOCUMENTS:

- Departmental Standard Drawings: 4022 Boat Ramp Construction - Fully Grouted Shoulders and UngROUTed Shoulders
- Departmental Specifications: MRTS300 Boat Ramps

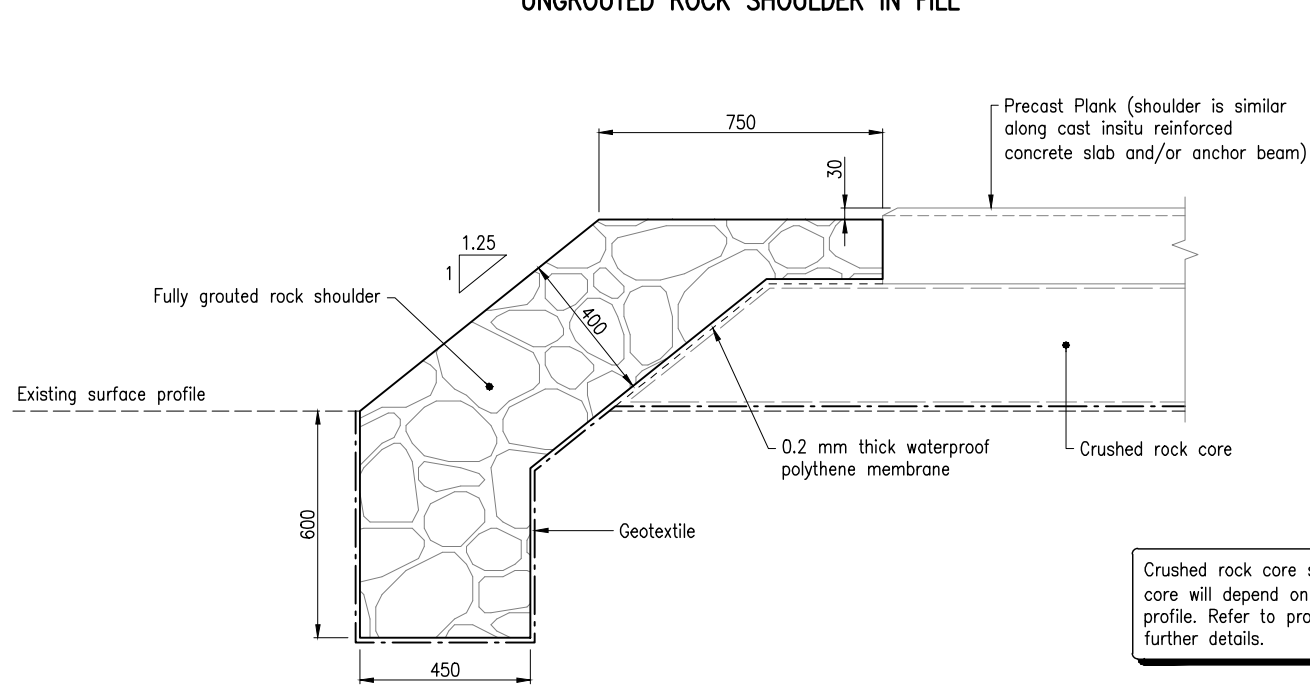
Department of Transport and Main Roads		 <small>© The State of Queensland (Department of Transport and Main Roads) 2015 http://creativecommons.org/licenses/by/3.0/au</small>	
BOAT RAMP			
BOAT RAMP CONSTRUCTION - EARTHWORKS AND CRUSHED ROCK CORE DETAILS		A3	Standard Drawing No
		Not to Scale	4021
		A	Date 10/15



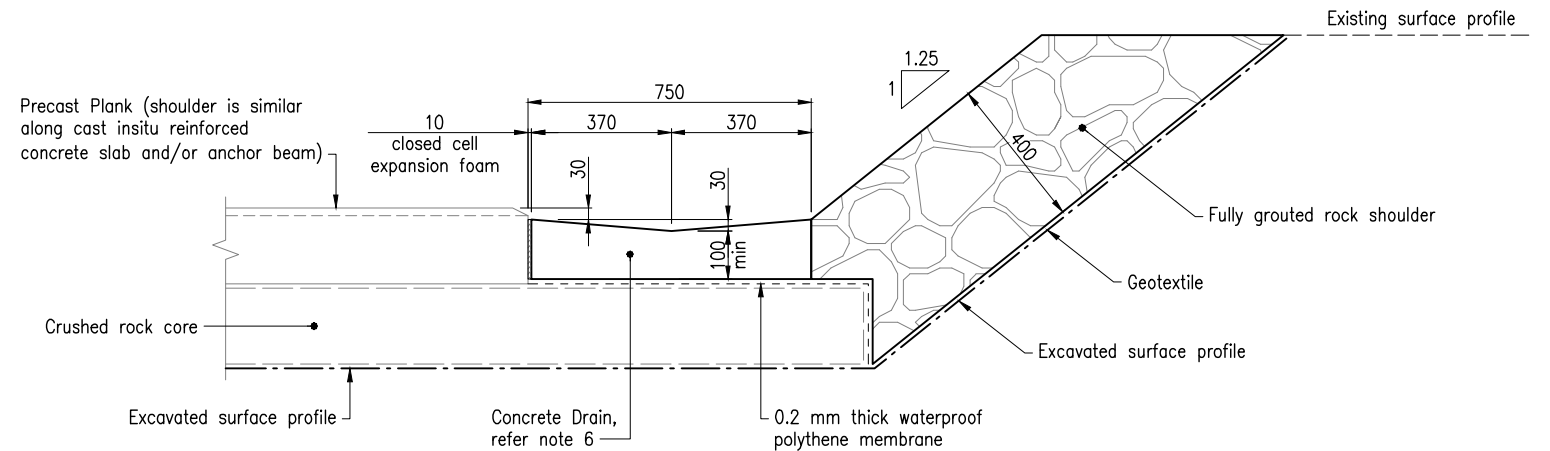
UNGROUTED ROCK SHOULDER IN FILL



UNGROUTED ROCK SHOULDER IN CUT



FULLY GROUTED ROCK SHOULDER IN FILL



FULLY GROUTED ROCK SHOULDER IN CUT

Crushed rock core shown indicatively only. Depth of core will depend on existing/excavated surface profile. Refer to project specific design drawings for further details.

NOTES:

- CONSTRUCTION OF BOAT RAMP shall be in accordance with MRTS300.
- ROCK for the fully grouted shoulders shall be unweathered, clean, hard and durable graded 150 to 200 mm with essentially flat faces.
Grout shall be 20 MPa cement mortar made from a 1:3 GP cement/sand mixture with sufficient water added to give it a plastic like texture that will retain its shape and not flow like a liquid.
- FOOTINGS: The excavation for footings shall be to the minimum design depth and thickness and fully lined with geotextile. Sufficient extra geotextile shall be allowed so that full separation of footing and existing base material is retained during consolidation.
The footings shall be full thickness grouted rock to ensure that structural integrity of the core and shoulders is retained if the existing base materials erode.
Footings may alternatively be constructed using S25/20 mass concrete.
- SHOULDER BATTERS CONSTRUCTION: The shoulder and shoulder batter shall be constructed by placing alternate layers of grout and rock so that the grout shall extend through the full design thickness of the shoulders. Rocks shall be placed to form irregular joints and be interlocked with smaller sized rock so that there are not any large voids and individual rocks cannot be easily dislodged.
Shoulders which are constructed by placing rock and then grouting or shotcreting only the outer surface shall be rejected.
The shoulder batter shall be fully supported and not extend beyond the edge of the footing.
- GROUTED ROCK SURFACE FINISH: Exposed surfaces shall have a minimum of 80% of exposed rock with a close faced maximum mortar setback of 10. Excess cement mortar coating shall be removed.
The finished surface shall have a generally flat, even and neat appearance, and will not have any sharp or angular points which will be hazardous to ramp users.
- CONCRETE DRAIN: Concrete shall be S50/20, exposure classification C and cured in accordance with MRTS70.
Tooled contraction joints to be provided at 2 m nominal spacings by forming grooves 40 deep and not more than 6 mm wide in exposed surfaces of the concrete. Grooves shall be normal to the top surface and square to the drain alignment. Joint locations shall match with adjacent precast plank gaps.
Trafficable surface shall have a medium broom finish at 90° to the boat ramp control line.
- For geotextile, geogrid, 75 mm crushed rock grading and earthworks details refer Standard Drawing 4021.
- DIMENSIONS are in millimetres unless shown otherwise.

ASSOCIATED DEPARTMENTAL DOCUMENTS:

Standard Drawings
Specifications

REFERENCED DOCUMENTS:

Departmental Standard Drawings:

4020 Boat Ramp Construction – Precast Plank Installation and Anchor Beam Types 1 and 2
4021 Boat Ramp Construction – Earthworks and Crushed Rock Core Details

Departmental Specifications:

MRTS70 Concrete
MRTS300 Boat Ramps

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BOAT RAMP				A3	Standard Drawing No
BOAT RAMP CONSTRUCTION – FULLY GROUTED SHOULDERS AND UNGROUTED SHOULDERS		Not to Scale	4022		
		A	Date 10/15		
		B			

Appendix F

Project Specification Archer River barge ramp

MIPWUN BARGE RAMP

PROJECT SPECIFICATION

Spec No: P0092.01

Rev: A

Date: 24 August 2019

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REPORT AUTHORISATION		
Revision	Rev. Date	Report Details
A	24 August 2018	For Issue

1 LOCATION AND DESCRIPTION OF PROJECT (AUS-SPEC C101.01)

The works comprise the construction of the carpark and access associated with the boat ramp at Mipwun. The works consist of the construction of earthworks, roadworks, stormwater drainage, rock wall and boat ramp..

This Project Specification makes reference to Department of Transport and Main Roads Technical Specification MRTS300, however the Contractor shall refer all discrepancies to the Superintendent.

2 EXTENT OF WORK

Works under this Contract comprise the supply of all labour, materials and plant to construct the Works. It includes, but is not limited to, the following items of construction which shall be carried out in their entirety, in strict accordance with, and to the true intent and purpose of, the Conditions of Contract, the Technical Specifications and under the supervision of the Superintendent:

2.1 General

- Provision for control, protection and safety of traffic during construction including notifications to, and obtaining approvals from, Authorities;
- Notification of all appropriate property owners adjoining, or affected by, the Works;
- Setting out the Works;
- Erosion and sedimentation control of the Works, including stockpile areas; and
- Site clearing and grubbing including removal of material off-site and topsoil to stockpile;

2.2 Boat Ramp

- Earthworks, including excavation and embankment construction;
- Crushed rock core and shoulders; and
- Rock seawall construction.

2.3 Roadworks and Carparks

- Earthworks, including excavation and embankment construction;
- Pavement, consisting of subgrade replacement and unbound granular base layers.

2.4 Work by Others

- Nil.

3 GENERAL

The current amended versions of all standards, codes, guidelines, local laws and acts apply.

The Contractor shall examine carefully any reports, maps, diagrams or other information which are made available by the Principal, to its absolute satisfaction.

The Contractor shall inform itself for its absolute satisfaction of the physical conditions upon and below the surface of the site and the climatic conditions, and to have obtained all necessary information as to risks, contingencies and other circumstances which could have an effect upon the cost of executing the work. The Principal does not represent that information made available details accurately the existing site or subsurface conditions. The Contractor

should make its own interpretations, deductions and conclusions from the information made available and accepts full responsibility for those interpretations, deductions and conclusions.

4 STANDARD SPECIFICATIONS

The Department of Transport and Main Roads Technical Specification MRTS300 Boat Ramps will take precedence for all works on site. The following Standard Specifications and Documents, including referenced documents shall apply to the Works:

Department of Transport and Main Roads (DTMR) Standard Specifications

MRTS70	Concrete
MRTS72	Manufacture of Precast Elements
MRTS300.1	Annexure Boat Ramps
SD4020	Boat Ramp Construction – Precast Plank Installation and Anchor Beam – Types 1 and 2
SD4021	Boat Ramp Construction – Earthworks and Crushed Rock Core Details
SD4022	Boat Ramp Construction – Fully Grouted Shoulders and Ungouted Shoulders
MRS11.05 (12/99)	Unbound Pavements (Department of Main Roads Specification)
MRS11.30 (12/06)	Dense Graded Asphalt Pavements (Department of Main Roads Specification)

The Department of Transport and Main Roads Standard Specifications will take precedence for all works on site however, in the absence of a relevant DTMR Specification, the Contractor is to refer to AUS-SPEC Standard Specifications as referenced below:

AUS-SPEC Standard Specifications

C101	General
C201	Control of Traffic
C213	Earthworks
C241	Stabilisation
C242	Flexible Pavement
C244	Sprayed Bituminous Surfacing
CQC	Quality Control Requirements
CQS	Quality System Requirements

5 QUALITY CONTROL

The provisions of DTMR Technical Specification MRTS300 Section 4 shall apply, except where otherwise specified herein.

All inspections designated with **(HOLD POINT or WITNESS POINT)** require written approval from the Superintendent in order to proceed with the subsequent works under the Contract. Where specific documentation is required at an inspection, it must be provided to the Superintendent prior to the issue of an instruction to proceed beyond each hold point.

6 SITE ESTABLISHMENT

The provisions of DTMR Technical Specification MRTS300 Section 6 shall apply, except where otherwise specified herein.

7 EARTHWORKS

The provisions of DTMR Technical Specification MRTS300 Section 7 shall apply, except where otherwise specified herein.

7.1 Existing Services

The Contractor shall take every care to prevent any damage to any existing water, Telstra, electricity or any other services. Any damage to any of these services due to the Contractor's activities, or otherwise, shall be made good to the satisfaction of the Superintendent at the Contractor's own expense.

Before proceeding with works under this Contract, the Contractor should contact the relevant Authorities, including a Dial Before You Dig call (1100) and RTA Permit to Dig ((07) 4069 8877) to ascertain the exact location of such services and whether any alterations will be required to them.

8 CONCRETE

The provisions of DTMR Technical Specification MRTS300 Section 8 shall apply, except where otherwise specified herein.

9 FULLY GROUTED SHOULDERS

The provisions of DTMR Technical Specification MRTS300 Section 9 shall apply, except where otherwise specified herein.

10 ROCK GROYNES

Rock used to form the rock groynes shall be suitable for marine use with the following characteristics:

1. Rock shall be of igneous or metamorphic origin and shall be dense, sound, resistant to abrasion, free from cracks, cleavage planes or other defects which would result in breakdown in the environment;
2. Shall have a bulk density of not less than 2600kg/m³; and

3. Shall be angular with not more than 5% to have a maximum dimension ratio of 3:1. Documentation of the source and suitability of the materials shall be provided to the Principal for approval prior to importation to site.

The Contractor shall supply, transport and place imported rock for use as filter and armour rock, as required to meet the design.

Where determined to be suitable, existing groyne rock can be reused within the reconstruction. Where existing rock is determined to be unsuitable it shall be removed from site by the Contractor. This will be determined throughout the Construction as a Hold Point and agreement between the Design Engineer RPEQ and the Contractor will be required in order for the works to proceed.

The rock protection for the existing boat ramp has been identified as suitable for reuse for the rock groyne construction. Negotiation between the Contractor and the Principal will be required to determine how much rock is available, its suitability, how it is reused for the new groynes.

Additional rock required to complete the construction of the groynes will need to be imported to the project. The Contractor is required to provide a Provisional Rate per tonne (measured at time of transportation) to import rock to the project.

The Principal's RPEQ will identify, with the successful Contractor, the alignment of the top of the groynes at the commencement of the Construction Program.

10.1 Reinstatement and Rectification

The beach profile adjacent to the rock groynes shall be reinstated to a condition consistent with the pre-works profile. No excess core rock or armour rock from the construction works shall be permitted to remain on the beach area below the toe of the seawall.

Disturbed foreshore areas behind the seawall shall be revegetated. A revegetation plan shall be submitted to the Principal for approval prior to commencement of these works.

The Contractor shall be responsible for rectification of damage to existing roads and infrastructure caused directly by construction activities.

11 EARTHWORKS (AUS-SPEC C213)

The provisions of Aus-Spec Standard Specification C213 – *EARTHWORKS* shall apply except where otherwise specified herein or detailed on the Drawings.

11.1 Level 1 Control

All earthworks to allotments and road formation shall be carried out under Level 1 supervision by a NATA Certified Geotechnical Testing Laboratory in accordance with the provisions of Appendix B of AS 3798 - *Guidelines on Earthworks for Commercial and Residential Developments*. Poor quality material unsuitable for structural filling shall be placed in stockpile as directed by the Superintendent.

All areas stripped of topsoil and vegetation shall be proof rolled by six passes of a minimum ten (10) tonne static mass roller. The final pass shall be treated as test rolling in accordance with Clause 5.4 of AS 3798 with an inspection carried out by the Geotechnical Testing Laboratory. The cost of proof and test rolling shall be included in the unit rate for earthworks in the priced Bill of Quantities. Filling to allotments and roadway areas shall be placed in layers of not more than 300mm loose thickness and compacted in accordance with AS 1289.E.1.1 as follows:

- | | | |
|----|-----------------------------------|--------------------------------------|
| a. | Residential Allotments | 95% of standard maximum dry density; |
| b. | Commercial / Mixed Use Allotments | 98% of standard maximum dry density. |

Moisture contents of the clayey fill material shall be maintained within the range -2% to +2% of optimum moisture content for standard compaction.

Testing frequency shall be in accordance with Table 8.1 of AS 3798 and earthworks reports shall be commensurate with Level 1 supervision, as directed by the Superintendent. Payment will not be provided until the relevant compaction test reports are provided (minimum of 1 test per 500m³).

The cost of Level 1 supervision and testing of earthworks to allotments and road formation as specified herein shall be included in the relevant unit rate in the priced Bill of Quantities for earthworks to fill areas.

11.2 Roadworks Subgrade

The Contractor shall carry out earthworks to suit the pavement thicknesses as detailed on the Drawings, subject to variations being ordered by the Superintendent based on the results of subgrade testing, as specified herein.

The Contractor shall engage an approved Testing Authority to determine the strength of the subgrade material at appropriate locations designated by the Superintendent along all roads. A minimum of two (2) strength determinations shall be made. The material strength shall be determined by means of a soaked CBR test, in accordance with AS 1289.F.1.1, with samples compacted to 100% of the standard maximum dry density, as determined by AS 1289 E1.1. The test results shall be supplied to the Superintendent to allow him to determine the depth of pavement to be provided.

The Contractor shall prepare and compact the subgrade to suit the pavement thicknesses detailed on the Drawings, or to suit such greater or lesser thicknesses as may be directed by the Superintendent based on the subgrade test results. Unsound material shall be replaced, as specified in the Standard Specification, and the whole of the subgrade, including that beneath kerb and channel or the like, shall be compacted to achieve a minimum of 97% of the standard maximum dry density, as determined by AS 1289 E1.1.

The Contractor shall arrange for the Testing Authority to carry out subgrade compaction tests at locations as follows:

- a) At maximum intervals of 1 per 500m² of subgrade area;
- b) A minimum of two (2) tests per road section; and
- c) A minimum of two (2) tests in the head of each cul-de-sac, at least one being in the outer wheel path of the turning circle.

The Contractor shall provide certificates of required compaction testing to the Superintendent prior to the time of the inspection.

The edges of the subgrade shall be neatly trimmed and cut square after the subgrade has been compacted, with sufficient material being left undisturbed during excavation for this purpose. All ruts in the subgrade, which may be made by the passage of vehicles or plant, shall be filled in prior to placement of the pavement material.

11.3 Roadworks Subgrade Inspection

The Superintendent shall inspect the completed subgrade in conjunction with Council's Asset Inspectors. The Contractor shall give the Superintendent sufficient notice to allow the Superintendent to give the Asset Inspectors a minimum of two (2) full working days' notice of the time at which the inspection is required.

The Contractor shall provide the following documentation to demonstrate compliance with this specification prior to the time of the inspection being booked:

- Compaction test reports (minimum 1 test per 500m², SDD min. 97%). The Contractor shall ensure that a minimum of 25% or one (1), whichever is the greater number, of all subgrade compaction tests are taken within 300mm of the lip of the kerb;
- Level conformance report (by a licensed surveyor) which includes all design points located on the design drawings. Vertical tolerance 0mm to -45mm;
- Pavement gravel compliance test reports (includes subgrade replacement, lower sub-base, sub-base and base). All reports to be current and no older than 6 months from when gravels will be used;
 - 1 test per 1000 tonne material to be used (Liquid Limit, Plastic Limit, Plasticity Index, Grading); and
 - 1 test per 5000 tonne material to be used (CBR, 10% fine (wet), Wet / dry strength, Degradation factor, Flakiness index).
- Backfill material compliance test reports (services);
 - Crusher dust (Grading).

Further details are provided in Section 18, Inspections Summary.

Where a subgrade replacement layer is required as part of the pavement design it shall not be placed until the above documentation, to demonstrate compliance, has been provided. The layer prior to this will be a hold point inspection.

If the subgrade replacement layer is a cement treated material then the Contractor shall provide the following documentation to demonstrate compliance with this specification prior to the time of the inspection being booked:

- Stabilising agent content (1 test per 100 tonnes delivered); and
- Compressive strength (1 test per 400 tonnes delivered).

No pavement material shall be placed until the subgrade has been approved in writing by both the Superintendent and Council's Asset Inspector.

Full payment will not be provided until the compaction tests, level reports and the stabilising agent content reports are provided.

12 PAVEMENT CONSTRUCTION

The provisions of Queensland Department of Main Roads Standard Specification *MRS11.05 (12/99) – UNBOUND PAVEMENTS* and Aus-Spec Standard Specifications *C241 – STABILISATION, C242 – FLEXIBLE PAVEMENTS, C247 – MASS CONCRETE BASE, C248 – PLAIN OR REINFORCED CONCRETE BASE, C254 – SEGMENTAL PAVING and C255 –*

BITUMINOUS MICROSURFACING shall apply except where otherwise specified herein or detailed on the Drawings. The Contractor is to ensure the latest edition of the Standard Specifications is available for use on the project:

12.1 Pavement Inspection

The Superintendent shall inspect the completed pavement in conjunction with Council's Asset Inspector's. The Contractor shall give the Superintendent sufficient notice to allow the Superintendent to give the Asset Inspector a minimum of two (2) full working days' notice of the time at which the inspection is required.

The Contractor shall provide the following documentation to demonstrate compliance with this specification prior to the time of the preseat inspection being booked:

- Compaction tests (minimum 1 test per 1000m², SDD min. 100%) on each pavement layer, including the subgrade replacement, if part of the pavement design (minimum 1 test per 500m², SDD min. 97%);
- Each pavement layer to be compacted with no less than a mechanical roller of gross weight 10 tonne; and
- The final base coarse layer's surface must be compacted and finished with a multi-tyred roller.

Further details are provided in the Inspections Summary clause.

If any of the pavement layers are a cement treated gravel then the Contractor shall provide the following documentation to demonstrate compliance with this specification prior to the time of the inspection being booked;

- Stabilising agent content (1 test per 100 tonnes delivered); and
- Compressive strength (1 test per 400 tonnes delivered).

No bituminous surfacing shall be placed until the pavement has been approved in writing by both the Superintendent and the Council's Asset Inspector.

Full payment for each pavement layer and subsoil drain will not be provided until the compaction tests and level reports are provided.

13 AS CONSTRUCTED SURVEY

The provisions of DTMR Technical Specification MRTS300 Section 11 shall apply, except where otherwise specified herein.

14 SUPPLEMENTARY REQUIREMENTS

The provisions of DTMR Technical Specification MRTS300 Section 12 shall apply, except where otherwise specified herein.

15 INSPECTIONS SUMMARY

Inspections are required at various stages of the work to comply with the supervision requirements of the Contract.

The Contractor shall consult the following table of inspections required and contact the appropriate personnel. The Superintendent shall also be informed of all dates and times of inspections.

The table below is a brief summary of requirements. The Contractor shall refer to the DTMR Specification MRTS300 for the required inspections.

Clause	Hold Point	Witness Point	Milestone
6.2			Submission of Construction Plan (10 days)
6.4	1. Possession of Site		
6.6	2. Start of works		
7.5		1. Treatment of acid sulfate soils	
7.6		2. Geogrid and geotextile placement in accordance with the layout and lapping plan	Supply of samples and layout and lapping plan for geogrid and geotextile (prior to commencement of earthworks)
7.7		3. Compaction of 75mm crushed rock	
8.2	3. Concrete design mix		Submission of design mix (10 days)
8.3	4. Placement of concrete	4. Concrete to be placed in the presence of the inspector	
8.5	5. Manufacture of precast planks		
9		5. Construction of fully grouted shoulders	

16 WORKMANSHIP GUARANTEE

As part of the Contractual requirements between the Principal and the Contractor, at the completion of the works, a certificate from the Contractor guaranteeing that the works have been constructed in accordance with the Drawings and Specifications is required. This Workmanship Guarantee shall be completed by an appropriately qualified Engineer commissioned and paid for by the Contractor, and shall be as follows:

WORKMANSHIP GUARANTEE

Contractor:

Project:

Contract Number:

I/We being a Civil Engineering Construction Firm (Contractor) and having been commissioned by way of contract, or otherwise, to carry out the construction of the works comprising of ALL CIVIL CONSTRUCTION do hereby certify that:

The works have been constructed in accordance with the approved drawings and documents for the construction of the project and relevant Australian Standard Codes of Practice, and

further, during the course of construction, I/we have called for the inspections and testing required in the documentation and confirm that the inspections and tests have met the Specifications in all respects. We further guarantee that the standard of workmanship between inspections has been maintained at all times and that the materials used in the construction have been approved, are in compliance with the specification and, where required, stamped by the manufacturer to guarantee their authenticity.

Name: _____ Signature: _____

Position: _____ Date: _____

17 QUALITY CONTROL DOCUMENTS

The below list is a summary of the minimum Quality Documentation required to be submitted in a single document, following the completion of the project. This is in addition to the quality documents that are required to be submitted prior to the relevant hold point inspections during construction, as detailed above:

- Workmanship Guarantee;
- Subgrade check level sheets (by Licensed Surveyor);
- Sub-base class 2 check level sheets;
- Base check level sheets (by Licensed Surveyor);
- Bitumen spray sheets;
- Subgrade Improvement Material (if required), Compliance test reports AND delivery dockets showing type of material;
- Lower Sub-base, Type 2 Subtype 2.5 gravel, Compliance test reports AND delivery dockets showing type of material;
- Sub-base, Type 2 Subtype 2.3 gravel, Compliance test reports AND delivery dockets showing type of material;
- Base, Type 2 Subtype 2.1 gravel, Compliance test reports AND delivery dockets showing type of material;
- Subgrade compaction tests;
- Subgrade Improved compaction tests (if required);
- Lower Sub-base Type 2 compaction tests;
- Sub-base Type 2 compaction tests;
- Base Type 2 compaction tests;
- Level 1 supervision certificate for Earthworks;
- Crushed rock compliance test reports;
- Rock armour compliance test reports;
- Crushed rock compaction test reports;
- Concrete test reports;
- Backfill material compliance test reports (1 Grading compliance test report per material for crusher dust, sand and 14mm aggregate);
- Backfill material compaction test reports; and
- Contractor's Inspection and Test Plans

18 LOCAL EMPLOYMENT OPPORTUNITIES

As part of the contractual requirements between the Principal and the Contractor, the Principal has a desire to maximise the employment opportunities in the local community and as such require the Tenderers to advise the makeup of the workforce and the number and details any community employees.

Appendix G

1811-8190 SPL PA6-L Pre-lodgement advice



Our reference: 1811-8190 SPL
Your reference: PR140748

12 November 2018

Department of State Development, Manufacturing, Infrastructure and Planning
c/- RPS Australia (East) Pty Ltd
135 Abbott Street
Cairns QLD 4870
ian.doust@rpsgroup.com.au

Attention: Ian Doust

Dear Sir/Madam

Pre-lodgement advice

Thank you for your correspondence received on 1 November 2018 in which you sought pre-lodgement advice from the Department of State Development, Manufacturing, Infrastructure and Planning regarding the proposed development described below.

Reference information

Departmental role:	Referral agency
Departmental jurisdiction Planning Regulation 2017:	<ul style="list-style-type: none"> • Schedule 10, Part 5, Division 4, Table 2 – Non-devolved environmentally relevant activities (if applicable) • Schedule 10, Part 6, Division 3, Subdivision 3, Table 1, Item 1 – Removal, destruction or damage of marine plants (operational work) • Schedule 10, Part 6, Division 3, Subdivision 3, Table 1, Item 1 – Removal, destruction or damage of marine plants (material change of use - (where there is no development permit for operational work). • Schedule 10, Part 17, Division 3, Table 1, Item 1- Tidal works or works in a coastal management district

Location details

Street address: Wallaby Isld, Aurukun

Real property description: Within and Adjacent to Lot 211 on SP241404

Local government area: Aurukun Shire Council

Details of proposal

Development type: Material change of use and operational work (prescribed tidal works)

Development description: Barge ramp and associated infrastructure

Supporting information

Drawing/report title	Prepared by	Date	Reference no.	Version/issue
Location of proposed Mipwun barge ramp (Google Earth image)	RPS	-	-	-
Mipwun Barge Ramp, Archer River, Aurukun	RPS	-	Lot 211 SP241404	-
Mipwun Barge Ramp technical drawings – for construction (Sheets C001-C0005)	Premise	28/08/18	ALL-0006	A
Precast Planks for Boat Ramp	Department of Transport and Main Roads	10/16	Standard drawing 4000	C
Precast Planks for Boat Ramp	Department of Transport and Main Roads	7/16	Standard drawing 4020	C
Boat Ramp Construction – Earthworks and Crushed Rock Core Details	Department of Transport and Main Roads	10/15	Standard drawing 4021	B
Boat Ramp Construction – Fully Grouted Shoulders and Ungouted Shoulders	Department of Transport and Main Roads	10/15	Standard drawing 4022	B
DSD site photos	DSD	-	-	-
State Assessment and Referral Agency Lot plan report	Queensland Government (Department of State Development, Manufacturing, Infrastructure and Planning)	1/11/2017	Lot Plan SP241404	-

The department has carried out a review of the information provided and the impacts of the proposal. The following advice outlines the matters of interest to the department and matters that should be addressed if you lodge your development application with the assessment manager.

Proposal	
1.	<p>The proposed development is the construction of a barge ramp located at Mipwun on the southern side of the Archer River near Aurukun. The development site is inland and located approximately 18kms upstream from Aurukun.</p> <p>The proposed development is public marine infrastructure for public use and is partly or wholly funded by the State or Commonwealth.</p> <p>The proposed works involve the construction of a carpark and access associated with the boat ramp, including excavation and embankment construction, road works, stormwater drainage and rock seawall. The proposal also involves dredging of approximately 320m³ and the removal of approximately 420m² of vegetation.</p> <p>The department understands development approval for a material change of use (landing) is required under Aurukun Shire Council's planning scheme and approval for operational work (prescribed tidal works).</p>
Tenure	
2.	<p>The Department of Natural Resources, Mines and Energy has confirmed that Lot 221 on SP241404 is freehold tenure (Indigenous, <i>Aboriginal Land Act 1991</i>).</p> <p>Tenure under the <i>Land Act 1994</i> will not be required for the proposed works if the construction of the barge ramp within the Archer River is authorised under the <i>Coastal Protection and Management Act 1995</i>.</p>
Owner's consent for development application	
3.	<p>Section 51(2) of the <i>Planning Act 2016</i> prescribes where the application must be accompanied by the written consent of the owner and includes works on premises that are below high-water mark and are outside of a canal.</p> <p>As part of the proposed development is located within the tidal reaches of Archer River owner's consent will be required for the development application.</p> <p>The application for owner's consent must include the following:</p> <ul style="list-style-type: none"> • Application form Contact and Land Details Part A • Application for owner's consent to development applications Part B • DA Form 1 with all other necessary forms or attachments including sketches/plans of existing and proposed improvements proposed to be lodged with the assessment manager • if acting on a person's behalf, a letter from the person advising that you are acting on their behalf • a letter from the leaseholder or trustee, if the development proposal relates to a secondary interest in the land (e.g. sublease, trustee lease), and • any additional attachments, as requested. <p>Please note there is no application fee for the owner's consent application.</p> <p>An application for owner's consent can be lodged by email to SLAMlodgement@dnrme.qld.gov.au or posted to: State Land Asset Management</p>

	<p>Department of Natural Resources, Mines and Energy PO Box 5318 Townsville QLD 4810</p> <p>The progress of a lodged application can be tracked on via the Department of Natural Resources, Mines and Energy's Land - Application status tracking dashboard.</p> <p>Further information on owner's consent is available on the Department of Natural Resources, Mines and Energy's website.</p>
Native vegetation clearing	
4.	<p>Clearing vegetation for the construction or maintenance of infrastructure stated in Schedule 5 of the Planning Regulation 2017 is not considered assessable development if the clearing is for government supported transport infrastructure.</p> <p>Government supported transport infrastructure means infrastructure for transport that is for public use and is –</p> <ul style="list-style-type: none"> (a) funded, wholly or partly, by the State or Commonwealth; or (b) provided by a person, other than under a development approval or infrastructure agreement, on conditions that – <ul style="list-style-type: none"> i. are agreed to by the Government; and ii. are intended to support the commercial viability of the infrastructure. <p>The department and its technical agency, the Department of Natural Resources, Mines and Energy, are of the opinion the proposed development meets the definition of Schedule 5 infrastructure and government supported transport infrastructure as defined under Schedule 21, part 1, item 14(b) of the Planning Regulation 2017.</p> <p>On the basis the proposed development is government supported transport infrastructure, the proposal will not trigger referral agency assessment for native vegetation clearing.</p>
Removal, destruction or damage of marine plants	
5.	<p>The proposed works are likely to involve the removal, destruction or damage of marine plants.</p> <p>Marine plants include:</p> <ul style="list-style-type: none"> • any plant (a tidal plant (including marine algae) that usually grows on or adjacent to tidal lands whether it is living, dead, standing or fallen; or • any plant material on tidal land (up to the level of Highest Astronomical Tide (HAT)). <p>Plants such as mangroves, mangrove fern, saltcouch or samphire species are considered marine plants regardless of whether or not they are above or below the level of HAT.</p> <p>Marine plants do not include:</p> <ul style="list-style-type: none"> • a plant that is prohibited matter or restricted matter under the <i>Biosecurity Act 2014</i>; or • a plant that is controlled biosecurity matter or regulated biosecurity matter under the <i>Biosecurity Act 2014</i>. <p>Marine plant protection applies irrespective of the tenure (e.g. unallocated state land and all state tenured lands, including private freehold and leasehold lands) of the land on which the plant occurs, the time the plant has been growing at the location, or the degree of or purpose of the disturbance.</p>

6.	<p>Under the Planning Regulation 2017, works involving the removal, destruction or damage of marine plants must be undertaken in accordance with the Department of Agriculture and Fisheries relevant accepted development requirements or under a development approval (assessable development).</p> <p>The department and its technical agency, the Department of Agriculture and Fisheries, understands from the information provided that approximately 400m² of marine plants are likely to be impacted by the proposed development.</p> <p>When finalising the actual impact area for the marine plant disturbance, you will need to include the footprint of the barge ramp, the access track where it occurs below HAT, any temporary impacts from construction and the footprint of any proposed dredging.</p> <p>Based on the information provided, the proposed works are unlikely to meet Department of Agriculture and Fisheries accepted development requirements. Therefore, the proposed development will trigger referral agency assessment for the removal, destruction or damage of marine plants.</p>
7.	<p>The development application should include a response against the current State Development Assessment Provisions (SDAP), State code 11: Removal, destruction or damage of marine plants.</p> <p>Relevant performance outcomes of State Code 11 for the proposed works include:</p> <ul style="list-style-type: none"> • All development - PO1 – PO15. This section of the SDAP addresses critical issues relating to coastal development proposals which create the need to remove, destroy or damage marine plants. <p>Particular attention should be paid to the following performance outcomes (PO):</p> <ul style="list-style-type: none"> • PO1: the need for the development and justify why alternatives which avoid impacts to marine plants are not viable. • PO2: that the use of tidal lands is restricted to marine-dependent infrastructure; any ancillary structures not considered to have a functional requirement to be located on tidal land should occur outside (above) tidal land. • PO4: minimisation of the spatial extent of marine plant disturbance. • PO6: avoidance of the unnecessary loss, degradation or fragmentation of fish habitats. • PO7: that works will not increase the risks of mortality, disease or injury, or otherwise compromise fisheries resources. • PO8: that works are undertaken to encourage fish habitats and fisheries resource values to naturally regenerate; where there have been temporary impacts during construction, land profiles should be returned to original levels to allow regeneration of tidal species. • PO9: prevention of contamination arising from drainage of, or disturbance to, acid sulfate soils; if P/ASS soils are present, a P/ASS management plan will need to be developed and executed in line with state standards. • PO11: maintenance of natural erosion and accretion processes; no increased risk of waterway bed or bank scour or erosion; this should be evident in design drawings

and in any accompanying reports.

- **PO12:** avoidance of additional or indirect impacts to fish habitats (including dredging to maintain access; trimming of marine plants; and warning signs or protective structures); the application will need to demonstrate how future impacts will be avoided.
- **PO23 to PO25:** Dredging can impact directly and indirectly on fisheries resources, including marine plants. Impacts are usually permanent, long term and ongoing. Dredging impacts include (but are not limited to) the removal of marine plants within the dredge area and degradation of fisheries resources due to smothering from suspended sediment or release of toxins.

This section of the SDAP addresses these impacts, and if the proposal includes dredging the development application must address (where relevant) the following PO:

- o PO23: dredging creates or provides access to public infrastructure. Dredging for access to private structures that do not provide public use is not supported
- o PO24: maintenance dredging is consistent with an existing development approval for dredging and within approved profiles for navigational purposes, and
- o PO25: disposal of dredge spoil avoids adverse impacts on marine plants.
- **PO26 to PO28:** Temporary disturbance or temporary structures involving the removal, destruction or damage of marine plants can have both direct and indirect impacts and cause the loss of fisheries productivity.

If temporary works involving marine plant disturbance are proposed, the development application must demonstrate compliance with the following PO:

- o PO26: impacted fish habitats and fisheries resources are restored to pre-existing or improved condition and extent
- o PO27: works will be in place or are undertaken for a specified period and for the shortest possible time, and
- o PO 28: a temporary structure is in place for a specified period and is designed to be completely removed.

Marine plants are a matter of State environmental significance under the *Environment Offsets Act 2014*. The development application must demonstrate full consideration of the avoid, minimise (mitigate) and offset hierarchy and must comply with **PO31**.

The avoid, minimise (mitigate) and offset framework requires in the first instance that impacts to marine plants are avoided. Where avoidance cannot be achieved, it must be demonstrated that impacts have been carefully managed and minimised.

Notwithstanding any measures to avoid or mitigate marine plant disturbance, the proposed works may still result in a significant residual impact in which case an offset will be required.

Any rehabilitation of marine plants on site may help to reduce the scale of the significant residual impact. Options to mitigate the significant residual impact to marine plants must be pursued before an offset can be considered.

The department's [Significant Residual Impact Guideline](#) provides guidance whether or not

	the proposed development will, or is likely to have a significant residual impact on a matter of state environmental significance.
8.	<p>The development application should also include a relevant plan(s) including:</p> <ul style="list-style-type: none"> • the total amount of marine plants that will be disturbed, identifying portion of permanent and/or temporary disturbance (in square meters or hectares) • the location of the marine plants to be disturbed in relation to the development works • the level of HAT, mean high water spring tide, and low water spring tide • location and extent of fish habitat within the development area, including creeks, sand and/or yabby banks, drainage lines, lagoons and marshes, and • if applicable, a plan clearly showing the location of the marine plants to be disturbed that will result in a significant residual impact. <p>The department's DA Forms guide: Relevant plans provides guidance to applicants when submitting relevant plans with a development application.</p>
Tidal works or works in a coastal management district	
9.	<p>The proposed development triggers referral agency assessment for tidal works or works in coastal management district. The development application should include a response against the current SDAP, State code 8: Coastal development and tidal works.</p> <p>Any development application made involving coastal development and tidal works should provide a response to the latest version of the SDAP State code 8 – Coastal development and tidal works.</p> <p>The Department of Environment and Science has prepared guidance material to assist applicant's in responding to SDAP. The guideline provides background information and key concepts relevant for coastal processes and resources and coastal protection and management applicable to complying with the code.</p> <p>The guideline also contains information on how to respond to particular performance outcomes and specific information requirements. It should be noted that if the performance outcome has no relevance to the proposed development a response of "not applicable" and a statement as to why it is not relevant is required. The guideline also provides information regarding the content of supporting documents that may be required to assess a development application against the code.</p> <p>Particular attention should be paid to PO16 – Matters of state environmental significance.</p> <p>The Department of Environment and Science's Environmental Reports Online can be used to conduct a desktop analysis to identify any mapped matters of state environmental significance that exists on (using the lot on plan option to search) and near the proposed site/s (using the central coordinates option to search).</p> <p>Where matters of state environmental significance are identified:</p> <ul style="list-style-type: none"> • Provide a targeted assessment to ground truth any matters of state environmental significance identified. • Demonstrate how the development avoids adverse impacts on each matters of state environmental significance to the greatest extent practicable.

	<ul style="list-style-type: none"> • Where the above is not reasonably possible, demonstrate how impacts on matters of state environmental significance have or will be minimised and/or mitigated to the greatest extent practicable. • Demonstrate whether the development will have a Significant Residual Impact on any identified matters of state environmental significance using the department's Significant Residual Impact Guideline. • An assessment will need to be undertaken for each matters of state environmental significance to determine whether the proposed development will result in a significant residual impact. • Identify any potential offset obligation. <p>The following tools may be helpful in your desktop analysis and assessment:</p> <ul style="list-style-type: none"> • Map of Referable Wetlands • Regulated Vegetation Mapping • Wetland information • Protected Plants Flora Survey Trigger Map • Species List • Queensland Wetland Buffer Guideline • State Planning Policy <p>For further advice on environmental offsets please visit the following website.</p>
Tidal works or works in a coastal management district – navigable waterways	
10.	<p>As the proposed development is considered government supported transport infrastructure, the development application does not trigger referral agency assessment for Tidal works or works in a coastal management district (navigable waterways).</p> <p>The department's technical agency, the Department of Transport and Main Roads (Maritime Safety QLD) advises that it has no requirements for the proposed development. However, the construction of the barge ramp must not impede the safe navigation of vessels in Archer River.</p>
Environmentally relevant activity	
11.	<p>The department understands the proposed development may involve the dredged of 320m³ of material for the installation of the boat ramp structure.</p> <p>The proposed development may trigger referral agency assessment for an Environmentally Relevant Activity if the proposed dredging involves a material change of use ERA16(1) – Dredging.</p> <p>ERA16 is a prescribed (concurrence) ERA and requires development approval in addition to an environmental authority. An application for an ERA is also taken to be an application for environmental authority.</p> <p>Any dredging required to establish a navigable channel would also be considered when determining whether the boat ramp can operate using the natural channel depth.</p> <p>If there is no navigable access from the proposed boat ramp location to the existing defined navigable channels of the system then the extent of dredging required should be discussed in the context of this tidal works application.</p> <p>If the proposed development requires an ERA approval, the development application should</p>

	provide a response against the current SDAP, State code 22: Environmentally relevant activities.
DA forms	
12.	<p>DA Form 1 and any relevant template form must be submitted with the development application.</p> <p>The current DA forms and templates are available on the department's website.</p>
State Development Assessment Provisions	
13.	<p>State Development Assessment Provisions version 2.3 took effect on 2 July 2018. To assist applicants in preparing a development application the department has prepared SDAP version 2.3 response templates.</p> <p>Please note SDAP v2.4 has been made available for information only. The commencement date is to be advised.</p> <p>An application that complies with all applicable acceptable outcomes is considered to satisfy the corresponding performance outcome. If an application does not comply with one or more of the applicable acceptable outcomes, compliance with the performance outcome should be demonstrated.</p>
Development assessment fees	
14.	<p>The department is unable to confirm the full assessment fees for the proposed development as the actual area of marine plant disturbance has not been confirmed.</p> <p>Please note the assessment fee for the removal, destruction or damage of marine plant disturbance is scaled at</p> <ul style="list-style-type: none"> • \$3240 or \$6479.00 or \$12,956.00 – operational work • \$3240 or \$6479.00 or \$12,956.00 – material change of use (where there is no development permit for operational work). <p>Based on the information provided, the assessment fees that can be confirmed are:</p> <ul style="list-style-type: none"> • Schedule 10, Part 5, Division 4, Table 2, Item 8 – <ul style="list-style-type: none"> o Division 3, Table 1, Item 5(b)(i) - \$1619.00 if the aggregate environmental score for the environmentally relevant activity is 25 or less • Schedule 10, Part 17, Division 3, Table 2 - <ul style="list-style-type: none"> o Item 8(a)(1) – \$6479.00 if the operational work involves the disposal of dredge spoil or other solid waste material in tidal water; or o Item 8(e) - \$3240.00 otherwise <p>Please note the fees quoted are based on the information provided and are subject to change depending on the final application lodged with the department.</p> <p>Under some circumstances, the State Assessment and Referral Agency will consider refunds (full or partial) on a case-by-case basis for certain scenarios, such as a local or state government are seeking to undertake works which are of a public benefit or interest e.g. upgrades to state-transport corridors / infrastructure.</p> <p>Applicants must make all refund requests to the State Assessment and Referral Agency case officer as soon as possible after the application has been lodged with State Assessment and Referral Agency, and well in advance of an assessment manager decision</p>

	<p>or referral agency response.</p> <p>SARA will not consider requests for refunds on applications after a decision notice or referral agency response has been issued.</p>
Further advice (outside of SARA's jurisdiction)	
Quarry allocation permit	
15.	<p>The Department of Environment and Science has advised that it is unlikely that you will require an allocation of quarry material for the proposed works.</p> <p>The removal of the quarry material would be associated with a tidal works application (being the construction of the boat ramp), which may fit the “reasonable excuse for the removal of quarry material without an allocation”.</p> <p>Please refer to page 10 of the Guideline: Dredging and allocation of quarry material to ensure that the proposed removal of quarry material meets the definition of the reasonable excuse for the removal of quarry material without an allocation notice. What is considered a reasonable excuse for removing quarry material without an allocation notice is defined in 3.4.1 of the Guideline: Dredging and allocation of quarry material.</p> <p>The Department of Environment and Science recommends determining if the proposed removal of quarry material is able to meet the requirements of a reasonable excuse for removal of material without an allocation notice prior to lodging an application.</p> <p>Please note, the reasonable excuse for the removal of quarry material without an allocation notice does not extend to any subsequent dredging required to maintain the approved tidal works. If, in the future, maintenance dredging is required, and the disposal of material will be outside of the active coastal system, an allocation of quarry material will be required.</p> <p>It should be noted that any maintenance dredging required for the use of the proposed boat ramp will not meet the reasonable excuse and the applicant may require an allocation of quarry material in the future.</p> <p>Allocation of Quarry Material</p> <p>Any dredging not associated with the proposed tidal works or to maintain access to the tidal works would be considered to involve removing quarry material from land under tidal water for disposal outside of the active coastal system. This activity requires an allocation of quarry material under section 73 of the <i>Coastal Management and Protection Act 1995</i> to be obtained prior to undertaking the activity.</p> <p>The following information should accompany any application for an allocation of quarry material:</p> <ul style="list-style-type: none"> • Plans drawn to a suitable scale to show; <ul style="list-style-type: none"> o The boundaries of the land to be dredged, adjacent river banks, sand banks and shorelines, showing the line of high water mark (mean high water spring), the limit of vegetation and any other details to permit the identification of the tidal land on the ground o A hydrographic survey of the land on lines not more than 20 metres apart o A proposed area(s) where the quarry material will be taken ashore or transported over, and the proposed location of any stockpile, reclamation, disposal or fill areas o Adjacent real property boundaries, roads and any esplanade

	<ul style="list-style-type: none"> o Navigation channels, navigation aids, pipelines, cables, wharves and any other structures or harbour works located in or adjacent to the land to be dredged • Plans showing the depth of dredging and the anticipated final alignment and slope of batters, together with an indication as to whether this work will result in a stable alignment or if recurrent maintenance dredging will be required • Characteristics of quarry material to be removed. For material to be disposed of on land, the characteristics of the material and potential impacts at the disposal site, as required under the National Environment Protection (Assessment of Site Contamination) Amendment Measure (NEPM 1999): https://www.legislation.gov.au/Details/F2013C00288. Please note that sediment cores must be taken and tested within the appropriate time period to the start of works, please see NEPM 1999 for further information. • Purpose/use of the quarry material. • Methods of extraction of quarry material and disposal of dredge spoil (including equipment to be used). • Maximum extraction rate of quarry material in cubic metres per year (including estimated over-dredge). • Agreement form: <ul style="list-style-type: none"> o Owner(s) of land on which the material is to be deposited or stockpiled; and o Owner(s) of land which the material will be transported either by pipeline or truck • A statement addressing how the proposed works meet section 75 and 104 of the <i>Coastal Management and Protection Act 1995</i>. • The views of a local government about the removal of the quarry material or placement of spoil. • The views of a harbour master about the effect the removal or placement may have on marine safety in tidal water. • If the removal or placement happens on land within the limits of a port—the views of the port authority or port operator for the land about the removal or placement. • Verifiable methodology for measuring the volume (m³) of quarry material removed.
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This pre-lodgement advice does not constitute an approval or an endorsement that the department supports the development proposal. Additional information may be required to allow the department to properly assess the development proposal when a formal application has been lodged.

For further information please contact Joanne Manson, Principal Planning Officer, SARA Far North QLD on 4037 3228 or via email CairnsSARA@dsmip.qld.gov.au who will be pleased to assist.

Yours sincerely

A handwritten signature in black ink, appearing to read 'G Kenna', with a stylized flourish at the end.

Graeme Kenna
Manager (Planning)

Appendix H

Confirmation from DSDMIP 5-12-2018

Ian Doust

From: Joanne Manson <Joanne.Manson@dsmip.qld.gov.au>
Sent: Wednesday, 5 December 2018 10:53 AM
To: Ian Doust
Subject: [EXT] FW: 1811-8190 SPL PA6-L Pre-lodgement advice- Archer River Barge Ramp
Attachments: Draft pages21-24 R78052-v2-3-December 2018.pdf

Ian

Based on the information provided, the department is of the view an application for prescribed tidal works is required, with Aurukun Shire Council as the assessment manager.

Referral to SARA is required for tidal works or works in a coastal management district (DES as technical agency) and if the proposal involves the removal, destruction or damage of marine plants (subject to survey).

Regards

Jo



Joanne Manson MPIA
Principal Planning Officer
Planning and Development Services
Far North Queensland
Department of State Development,
Manufacturing, Infrastructure and Planning

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www.dsmip.qld.gov.au

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From: Ian Doust <ian.doust@rpsgroup.com.au>
Sent: Tuesday, 4 December 2018 2:16 PM
To: Joanne Manson <Joanne.Manson@dsmip.qld.gov.au>
Cc: Belinda Jones <Belinda.Jones@dsmip.qld.gov.au>; Stacey Devaney <Stacey.Devaney@rpsgroup.com.au>
Subject: 1811-8190 SPL PA6-L Pre-lodgement advice- Archer River Barge Ramp

Hi Jo

DSDMIP (Annette Tranent, Principal Project Officer, Regional Economic Development) has confirmed that the proposed Archer River barge ramps works will be funded, tendered, and constructed by DSDMIP.

As such I believe that the works fit the definition of Government Supported Transport Infrastructure, which was a position we had all got to in the Prelodgement advice -1811-8190 SPL PA6-L

I am seeking your advice about whether my summary of the approvals is correct:

This means that any component of the application relating to the Aurukun Planning Scheme (such as a **Material Change of Use or Operational works under the Scheme**) is not assessable development under the Aurukun Planning Scheme.

The remaining component of the works is **Operational Works (Prescribed Tidal works)** for which the Assessment

- is devolved to Aurukun Shire Council in accordance with Schedule 8 Table 2 Item 1 (c) of the Planning Regulation 2017,
- is assessed against the State Development Assessment Provisions

For information the follow referrals do NOT apply.

- 1) Sch 10.3.3.2 Clearing Vegetation
 - a. Clearing vegetation is exempt not considered assessable development if the clearing is for government supported transport infrastructure.
 - b. The department and its technical agency, the Department of Natural Resources, Mines and Energy, are of the opinion the proposed development meets the definition of Schedule 5 infrastructure and government supported transport infrastructure as defined under Schedule 21, part 1, item 14(b) of the Planning Regulation 2017 for exemption for clearing of vegetation.
- 2) Sch 10.5.3.2 Maritime Safety Queensland
 - a. The proposed works constitute government supported transport infrastructure and therefore the proposal will not trigger referral agency assessment for maritime safety.
- 3) Sch 10.17.3.6 Material change of use involving work in a coastal management district
 - a. The works are in a Coastal Management District but they do not involve extracting, excavating or filling 1,000m³ or more, nor clearing native vegetation from an area of 1,000m² or more.
- 4) ERA 16 extractive and screening Activities (Dredging)
 - a. ERA 16 (1) relates to dredging a total of 1,000t or more of material from the bed of naturally occurring surface waters, in a year.
 - b. The proposal involves the dredging of approximately 320m³ of material, however, given that the proposed extraction is less than 1,000t, the proposed dredging does not trigger referral as an Environmentally Relevant Activity.

So I guess that we lodge the application to Council, refer it to the State to issue concurrence conditions back to Council to approve.

The alternative would be the State is the Assessment manager?

I just wanted some confirm my twisted logic!

See attached pages. Draft pages21-24 R78052-v2-3-December 2018.pdf

Thanks

Ian



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Appendix I

Assessment against SDAP State Code 8 Coastal Development and Tidal Works

State code 8: Coastal development and tidal works

Table 8.2.1: All development

Development in the erosion prone area		
<p>PO1 Development does not occur in the erosion prone area unless the development:</p> <ol style="list-style-type: none"> 1. is one of the following types of development: <ol style="list-style-type: none"> a. coastal-dependent development; or b. temporary, readily relocatable or able to be abandoned; or c. essential community infrastructure; or d. redevelopment of an existing permanent building or structure that cannot be relocated or abandoned; and 2. cannot feasibly be located elsewhere. 	No acceptable outcome is prescribed.	<p>The proposed development is for government supported community infrastructure, namely the provision of a barge ramp to enable the movement of clan groups within Aurukun Shire, thus allowing connection to country.</p> <p>Development is essential Community Infrastructure</p>
<p>PO2 Development other than coastal protection work:</p> <ol style="list-style-type: none"> 1. avoids impacting on coastal processes; and 2. ensures that the protective function of landforms and vegetation is maintained. 	No acceptable outcome is prescribed.	<p>The impact of the proposed development will be minimal. There is already a clearing for the proposed barge ramp and access road. Stability of coastal landforms are unlikely to be impacted by the proposed development and will remain relatively unchanged.</p>
<p>PO3 Development is located, designed and constructed to minimise the impacts from coastal erosion by:</p> <ol style="list-style-type: none"> 1. locating the development as far landward as practicable; or 2. where it is demonstrated that 1 is not feasible, mitigate or otherwise accommodate the risks posed by coastal erosion. 	No acceptable outcome is prescribed.	<p>The site is located approx. 18klm upstream of Aurukun and further than that from the coast.</p>
<p>PO4 Development does not significantly increase the risk or impacts to people and property from coastal erosion.</p>	No acceptable outcome is prescribed.	<p>The proposed development will affect coastal erosion.</p>
<p>PO5 Development other than coastal protection work avoids directly or indirectly increasing the severity of coastal erosion either on or off the site.</p>	No acceptable outcome is prescribed.	<p>The proposed development is unlikely to increase the potential for coastal erosion as it is located on a river 18klm upstream of Aurukun and further than that from the coast.</p>
<p>PO6 In areas where a coastal building line is present, building work is located landward of the coastal building line unless coastal protection work has been constructed to</p>	No acceptable outcome is prescribed.	N/A

protect the development.		
Artificial waterways		
PO7 Development of artificial waterways, canals and dry-land marinas minimises impacts on coastal resources by: <ol style="list-style-type: none"> maintaining the tidal prism volume of the natural waterway to which it is connected demonstrating a whole-of-life strategy for the disposal of dredged material. 	No acceptable outcome is prescribed.	N/A
Coastal protection work		
PO8 Works for beach nourishment minimise adverse impacts on coastal processes and avoid any increase in the severity of erosion on adjacent land by: <ol style="list-style-type: none"> sourcing sand from an area that does not adversely impact on the active beach system ensuring imported sand is compatible with natural beach sediments and coastal processes of the receiving beach. 	No acceptable outcome is prescribed.	N/A
PO9 Erosion control structures are only constructed where there is an imminent threat to buildings or infrastructure of value, and there is no feasible option for either: <ol style="list-style-type: none"> beach nourishment; or relocation or abandonment of structures. <p>Note: The monetary value of buildings or infrastructure should be more than the cost of associated erosion control structures.</p>	No acceptable outcome is prescribed.	N/A
PO10 Erosion control structures minimise interference with coastal processes, or any increase to the severity of erosion on adjacent land by: <ol style="list-style-type: none"> locating the erosion control structure as far landward as practicable and directly adjacent to the structure it is intended to protect where required and feasible, importing sand to the site to mitigate any increase in the severity of erosion the design of the structure. 	No acceptable outcome is prescribed.	N/A

Water quality		
PO11 Development: <ol style="list-style-type: none"> 1. maintains or enhances environmental values of receiving waters 2. achieves the water quality objectives of Queensland waters 3. avoids the release of prescribed water contaminants to tidal waters. Note: See Environmental Protection (Water) Policy 2009 for the relevant water quality objectives.	No acceptable outcome is prescribed.	Development complies. The works are minor and will not affect the water quality of receiving waters..
Category C and R areas of vegetation		
PO12 Development: <ol style="list-style-type: none"> 1. avoids impacts on category C areas of vegetation and category R areas of vegetation; or 2. minimises and mitigates impacts on category C areas of vegetation and category R areas of vegetation after demonstrating avoidance is not reasonably possible. 	No acceptable outcome is prescribed.	N/A
Public use of and access to state coastal land		
PO13 Development maintains or enhances public use of and access to and along state coastal land (except where this is contrary to the protection of coastal resources or public safety).	No acceptable outcome is prescribed.	The proposed development will facilitate safe public access to and from Aurukun and enable movement to outstations.
PO14 Private marine development ensures that works: <ol style="list-style-type: none"> 1. are used for marine access purposes only 2. minimise the use of state coastal land 3. do not interfere with access between navigable waterways and adjacent properties. 	No acceptable outcome is prescribed.	Complies
PO15 Development ensures erosion control structures are located within the premises they are intended to protect unless there is no feasible alternative.	No acceptable outcome is prescribed.	NA

Matters of state environmental significance		
<p>PO16 Development:</p> <ol style="list-style-type: none"> 1. avoids impacts on matters of state environmental significance; or 2. minimises and mitigates impacts on matters of state environmental significance after demonstrating avoidance is not reasonably possible; and 3. provides an offset if, after demonstrating all reasonable avoidance, minimisation and mitigation measures are undertaken, the development results in an acceptable significant residual impact on a matter of state environmental significance. <p>Statutory note: For Brisbane core port land, an offset may only be applied to development on land identified as E1 Conservation/Buffer, E2 Open Space or Buffer/Investigation in the Brisbane Port LUP precinct plan. For the Brisbane Port LUP, see www.portbris.com.au.</p> <p>Note: Guidance for determining if the development will have a significant residual impact on the matter of state environmental significance is provided in the Significant Residual Impact Guideline, Department of State Development, Infrastructure and Planning, 2014. Where the significant residual impact is considered an acceptable impact on the matter of state environmental significance and an offset is considered appropriate, the offset should be delivered in accordance with the <i>Environmental Offsets Act 2004</i>.</p>	<p>No acceptable outcome is prescribed.</p>	<p>The works do not impact on any MSES.</p>

Table 8.2.2: All operational work

Private marine development		
PO17 Private marine development does not require the construction of coastal protection work, shoreline or riverbank hardening or dredging for marine access purposes.	No acceptable outcome is prescribed.	N/A
Disposal of solid waste or dredged material from artificial waterways		
PO18 Solid waste from land and dredged material from artificial waterways is not disposed of in tidal water unless it is for beneficial reuse.	No acceptable outcome is prescribed.	N/A
Disposal of dredged material other than from artificial waterways		
PO19 Dredged material is returned to tidal water where this is needed to maintain coastal processes and sediment volume.	No acceptable outcome is prescribed.	N/A
PO20 Where it is not needed to maintain coastal processes and sediment volume, the quantity of dredged material disposed to tidal water is minimised through beneficial reuse or disposal on land.	No acceptable outcome is prescribed.	The volume of dredge material is minor (320m ³) and will be retained in the local area.
All dredging and any disposal of dredged material in tidal water		
PO21 All dredging and any disposal of dredged material in tidal water is: <ul style="list-style-type: none"> 1. demonstrated to be safe with regard to protection of the marine environment and by meeting the National Assessment Guidelines for Dredging 2009, Department of Environment and Energy, 2009, or later version; and 2. supported by a monitoring and management plan that protects the marine environment and that complies with the National Assessment Guidelines for Dredging 2009, Department of Environment and Energy, 2009, or later version. 	No acceptable outcome is prescribed.	N/A

Reclamation		
<p>PO22 Development does not involve reclamation of land below tidal water, other than for the purposes of:</p> <ol style="list-style-type: none"> 1. coastal-dependent development, public marine development or community infrastructure; or 2. strategic ports, priority ports, boat harbours or strategic airports and aviation facilities, in accordance with a statutory land use plan or master plan, where there is a demonstrated net benefit for the state or region and no feasible alternative exists; or 3. coastal protection work or work necessary to protect coastal resources or coastal processes. 	<p>No acceptable outcome is prescribed.</p>	<p>N/A</p>

Table 8.2.3: Operational work which is not assessed by local government

<p>PO23 Works are located and designed such that they continue to operate safely during and following a defined storm tide event.</p>	<p>AO23.1 Tidal work is designed and located in accordance with the Guideline: Building and engineering standards for tidal works, Department of Environment and Heritage Protection, 2017.</p>	<p>Refer to Engineering plans, Specification and Project Specification prepared by DSDMIP attached to the application</p>
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