

Decision Notice

Sustainable Planning Act 2009 s.334

22 December 2015

Mr Greg Rashford
 General Manager South of Embley and Boyd Development
 RTA Weipa Pty Ltd
 GPO Box 153
 BRISBANE QLD 4001

Dear Mr Rashford,

DEVELOPMENT PERMIT FOR OPERATIONAL WORKS (TIDAL WORKS AND MARINE PLANTS REMOVAL, DAMAGE OR DESTRUCTION) ON LAND DESCRIBED AS LOT 14 ON SP120446 AND LOT 29 ON SP116854, AT THE PORT OF WEIPA

NQBP Reference: PL/06/02/00005/01
Your Reference: CAL.01-0000-HH-LTR-00005
SARA Reference: SDA-0815-023193

I refer to your application received by North Queensland Bulk Ports Corporation Ltd (NQBP) on 31 July 2015, seeking approval to develop marine infrastructure at Humbug Wharf at the Port of Weipa.

I wish to advise that NQBP has considered your application and on 22 December 2015 this development application was approved in full subject to conditions, pursuant to section 334 of the *Sustainable Planning Act 2009*.

You are strongly advised to read and familiarise yourself with each of the conditions applicable to this development approval (including the attached referral agency responses).

1. Details of Approval

<i>Type of Approval:</i>	<input type="checkbox"/> Preliminary Approval <input checked="" type="checkbox"/> Development Permit <input type="checkbox"/> Compliance Permit <input type="checkbox"/> Compliance Certificate
<i>Aspect of Development:</i>	<input type="checkbox"/> Carrying out building work <input type="checkbox"/> Carrying out plumbing or drainage work <input checked="" type="checkbox"/> Carrying out operational work <input type="checkbox"/> Reconfiguring a lot <input type="checkbox"/> Making a material change of use of premises
<i>Approved Proposal:</i>	Construction at Humbug Wharf of a roll on roll off berth, a heavy equipment berth, and a fast ferry berth for the purpose of the Amrun Project (formally known as South of Embley Project).

Brisbane Office

GPO Box 409 Brisbane
 Queensland 4001
 P 07 3011 7900 f 07 3011 7999
 nqbp.com.au info@nqbp.com.au

Mackay Office

PO Box 3340 North Mackay
 Queensland 4740
 P 07 4969 0700 f 07 4969 0799
 nqbp.com.au info@nqbp.com.au

Level 1, Waterfront Place, Mulherin Drive Mackay Harbour Queensland is the Registered Office of

North Queensland Bulk Ports Corporation Limited

ACN 136 880 218 • ABN 36 136 880 218

Ports Corporation of Queensland Limited

ACN 126 302 994 • ABN 49 657 447 879

Mackay Ports Limited

ACN 131 965 707 • ABN 69 131 965 707

	<p>This development comprises the following approvals:</p> <ul style="list-style-type: none"> - Operational Works (Tidal Works); and - Operational Works (Removal, Destruction or Damage of Marine Plants).
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2. Property Description of Proposed Development

<i>Port:</i>	Weipa
<i>Street Address:</i>	Peninsula Development Road, Weipa
<i>Real Property Description:</i>	Lot 14 on SP120446 and Lot 29 on SP116854

3. Approved Drawings and Documents

<i>Plan or document</i>	<i>Document number</i>	<i>Reference number</i>	<i>Date</i>
Boyd Plant – 22.8MDPTPA Humberg Point Barging Terminal Development Approval Layout and Drainage Plan	25977-000-C0-5810-00001	00C	
Boyd Plant – 22.8MDPTPA Humberg Point Barging Terminal Tidal Works Permit Marine Works Site Plan Marine Works	25977-000-S0-5810-05101	00F	07/10/15
Boyd Plant – 22.8MDPTPA Humberg Point Barging Terminal Tidal Works Permit Marine Works Existing Site Plan	25977-000-S0-5810-05102	00C	07/07/15
Boyd Plant – 22.8MDPTPA Humberg Point Barging Terminal Tidal Works Permit Marine Works Borehole Data – Longitudinal Section	25977-000-S0-5810-05103	00B	07/07/15
Boyd Plant – 22.8MDPTPA Humberg Point Barging Terminal Tidal Works Permit Marine Works General Arrangement Plan	25977-000-S0-5810-05104	00D	12/10/15
Boyd Plant – 22.8MDPTPA Humberg Point Barging Terminal Tidal Works Permit Marine Works General Arrangement – Long Section	25977-000-S0-5810-05105	00C	13/10/15
Boyd Plant – 22.8MDPTPA Humberg Point Barging Terminal Tidal Works Permit Marine Works Piling Plan	25977-000-S0-5810-05106	00C	12/10/15
Boyd Plant – 22.8MDPTPA Humberg Point Barging Terminal Tidal Works Permit Marine Works Revetment Plan	25977-000-S0-5810-05107	00D	07/07/15
Boyd Plant – 22.8MDPTPA Humberg Point Barging Terminal Tidal Works Permit Marine Works	25977-000-S0-5810-05108	00B	14/07/15

Revetment Cross Sections			
Boyd Plant – 22.8MDPTPA Humbug Point Barging Terminal Tidal Works Permit Marine Works Ferry Berth Plan	25977-000-S0-5810-05115	00B	12/10/15
Boyd Plant – 22.8MDPTPA Humbug Point Barging Terminal Tidal Works Permit Marine Works Ferry Berth Section	25977-000-S0-5810-05116	00B	09/10/15

4. Referral Agency Response

The relevant referral agency response's are listed below, and attached to this development approval. A copy of this development approval has been sent to the referral agencies in accordance with section 334 of the *Sustainable Planning Act 2009*.

<i>Attachment</i>	<i>Referral Agency</i>	<i>Advice or Concurrence Agency</i>	<i>Date of Response</i>	<i>Reference Number</i>
4	State Assessment and Referral Agency	Concurrence	26 November 2015	SDA-0815-023193
5	Coordinator Generals Conditions	Concurrence		

5. Conflict with Relevant Instrument

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

6. Effect of Development Approval

This development approval takes effect on the decision date, in accordance with section 339 of the *Sustainable Planning Act 2009*.

Under section 340 of the *Sustainable Planning Act 2009*, development may commence on the date the development approval takes effect (i.e. the decision date).

Under section 341 (3b) of the *Sustainable Planning Act 2009*, the approved development must be either completed or substantially commenced within 5 years of the decision date

7. Applicant's Appeal Rights

Under section 461 of the *Sustainable Planning Act 2009*, an applicant for a development application may appeal to the Planning and Environment Court – the following is an excerpt from the Act regarding applicant appeal rights:

461 Appeals by applicants

- (1) *An applicant for a development application may appeal to the court against any of the following:*
 - a. *the refusal, or refusal in part of the development application;*
 - b. *any condition of a development approval, another matter stated in a development approval and the identification or inclusion of a code under section 242 of the Sustainable Planning Act 2009;*
 - c. *the decision to give a preliminary approval when a development permit was applied for;*
 - d. *the length of a period mentioned in section 341;*
 - e. *a deemed refusal of the development application;*
- (2) *An appeal under subsection (1)(a), (b), (c) or (d) must be started within 20 business days (the applicant's appeal period) after:*

- a. if a decision notice or negotiated decision notice is given – the day the decision notice or negotiated decision notice is given to the applicant;
 - b. otherwise, the day a decision notice was required to be given to the applicant.
- (3) An appeal under subsection (1)(e) may be started at any time after the last day of a decision on the matter should have been made.

8. Additional Approvals Required

This Development Permit is limited to Operational Works (Tidal Works and Marine Plants Removal, Damage or Destruction) for the purpose of developing marine infrastructure at Humbug Wharf at the Port of Weipa. At no time should this document be interpreted to imply approval to any other development, operation or land use.

This Development Permit does not remove the requirement for any other legislative approval (including approvals under the *Sustainable Planning Act 2009*).

It is the applicant's responsibility to ensure that it obtains all other necessary approvals to undertake the use / works approved under this development approval. In particular, the applicant should note the requirement to obtain approvals for, but not limited to:

<i>Permit / Licence Requirements</i>	<i>Relevant Agency</i>
Marine Fuel Transfer Permit – Part H of Port Rules	NQBP – Property
Port Development Approval – Onshore Development at Humbug Wharf	NQBP – Planning

If you have any queries regarding the above Development Permit or its conditions, please do not hesitate to contact me as per the details below.

Yours sincerely



Sally Sala
Acting Senior Manager Planning

Enquiries: Sally Sala
 Telephone: (07) 3011 7906
 Email: SSala@nqbp.com.au
 Doc Reference: E15/54963

ATTACHMENT 1 – ASSESSMENT MANAGER CONDITIONS

<i>General</i>	
1.	Prior to commencing any work on the site, the proponent must ensure that they have a valid sub-lease for the offshore area.
2.	The works are to be substantially in accordance with the approved plans and documents. No additional or intensified activities or works are to be undertaken on site unless approved by NQBP and any other relevant agencies.
3.	All proposed structures and infrastructure must be maintained appropriately. If damage to any structures or infrastructure is noted, the proponent must act promptly to repair or reinstate the structure or infrastructure.
4.	The proponent is to provide access and assistance to NQBP staff or a delegated representative to undertake lease compliance, environmental compliance or other forms of inspections or audits as NQBP deems necessary.
5.	NQBP may at any time require the occupier of the place to cease an activity where potential or actual environmental harm may be caused and to implement appropriate impact control measures.
<i>General Environmental Management</i>	
6.	<p>Any environmental emergency, incident or potentially harmful event must be reported to the Environment Group of NQBP within 24 hours of the emergency, incident or event. Please email environment@nqbp.com.au or call 4969 0700 or 4955 5107 (after hour emergencies).</p> <p>This requirement should be reflected in your Construction Environmental Management Plan.</p>
7.	<p>Within 14 days of any environmental emergency, incident or potentially harmful event, a written report detailing the following information must be provided to the Environment Group of NQBP:</p> <ul style="list-style-type: none">• the name of the operator;• the name and telephone number of a designated contact person;• quantity and substance released;

- person/s involved;
- location and time of the release/event;
- likely cause of release/event;
- effects of the release;
- sampling performed and conclusions drawn;
- actions taken to mitigate any environmental harm; and
- proposed actions to prevent a recurrence.

Construction Environmental Management Plan

8. Construction activities must be undertaken in accordance with the final CEMP, as approved by NQBP.

Engineering

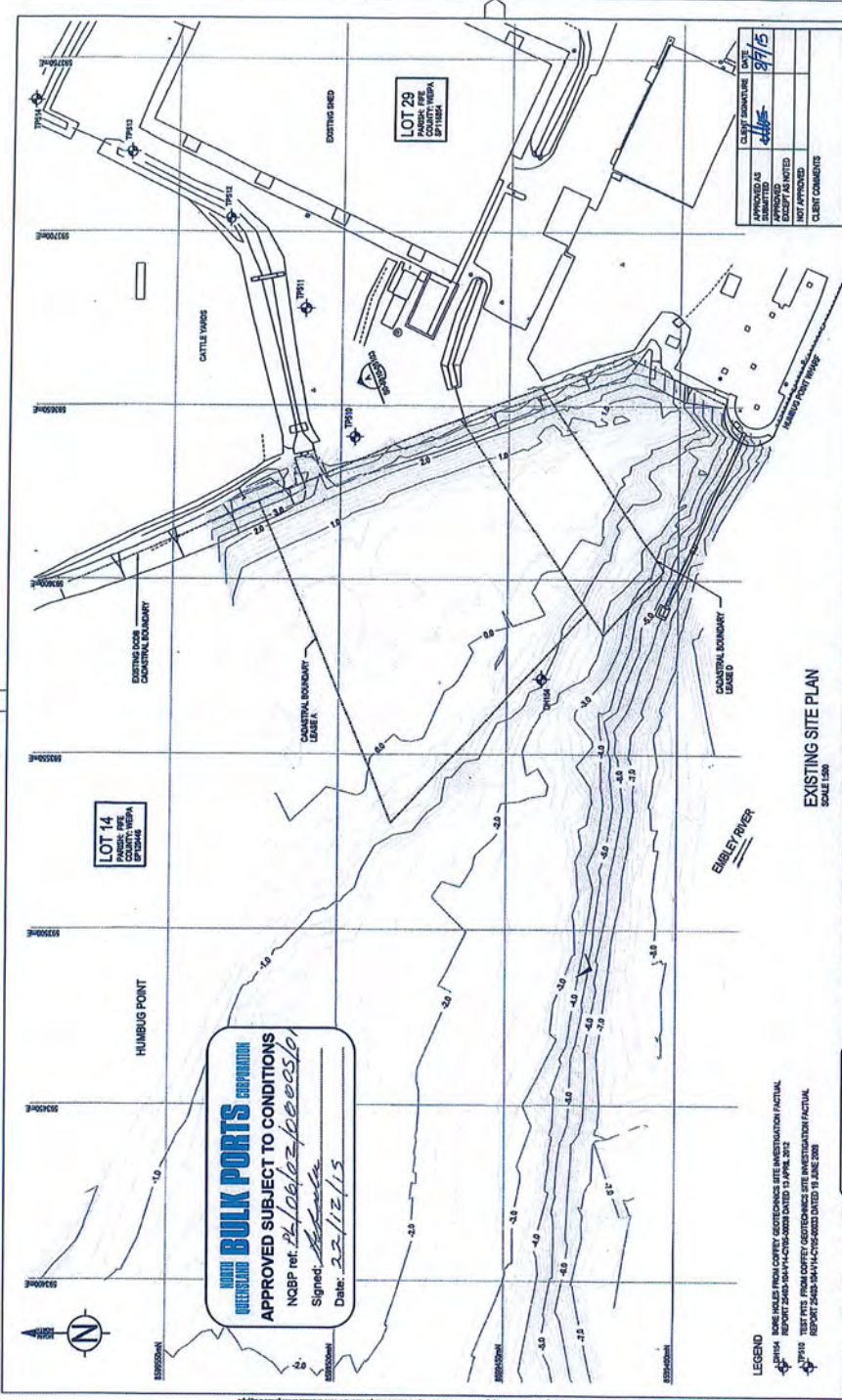
9. All approved structures must be suitable for the intended use, structurally sound, certified by a Registered Professional Engineer of Queensland (or equivalent) and, if necessary, incorporate cyclone tie-down infrastructure for the particular site location and characteristics.

10. The following documentation must be provided to NQBP within 2 weeks of works being completed:
- a. One set of 'As constructed' drawings for all new infrastructure and services as PDF files. PDF files generated from reduced (scaled) drawings will not be acceptable.
 - b. RPEQ certification for the 'As constructed' drawings. Without limiting the form of certification, NQBP will accept one letter / certificate listing all applicable drawings, signed by the appropriate RPEQ for each field of engineering.

ATTACHMENT 2 – FURTHER ADVICE

1. Rio Tinto Alcan is to liaise with NQBP's Operations Group in relation to access to Evans Landing Wharf for any vessel service and refuelling requirements as proposed operational arrangements become known.

ATTACHMENT 3 – APPROVED DRAWINGS



UNIVERSITY OF QUEENSLAND BULK PORTS CORPORATION
APPROVED SUBJECT TO CONDITIONS
 NQBPR ref. 24/06/23/02510
 Signed: *[Signature]*
 Date: 22/12/15

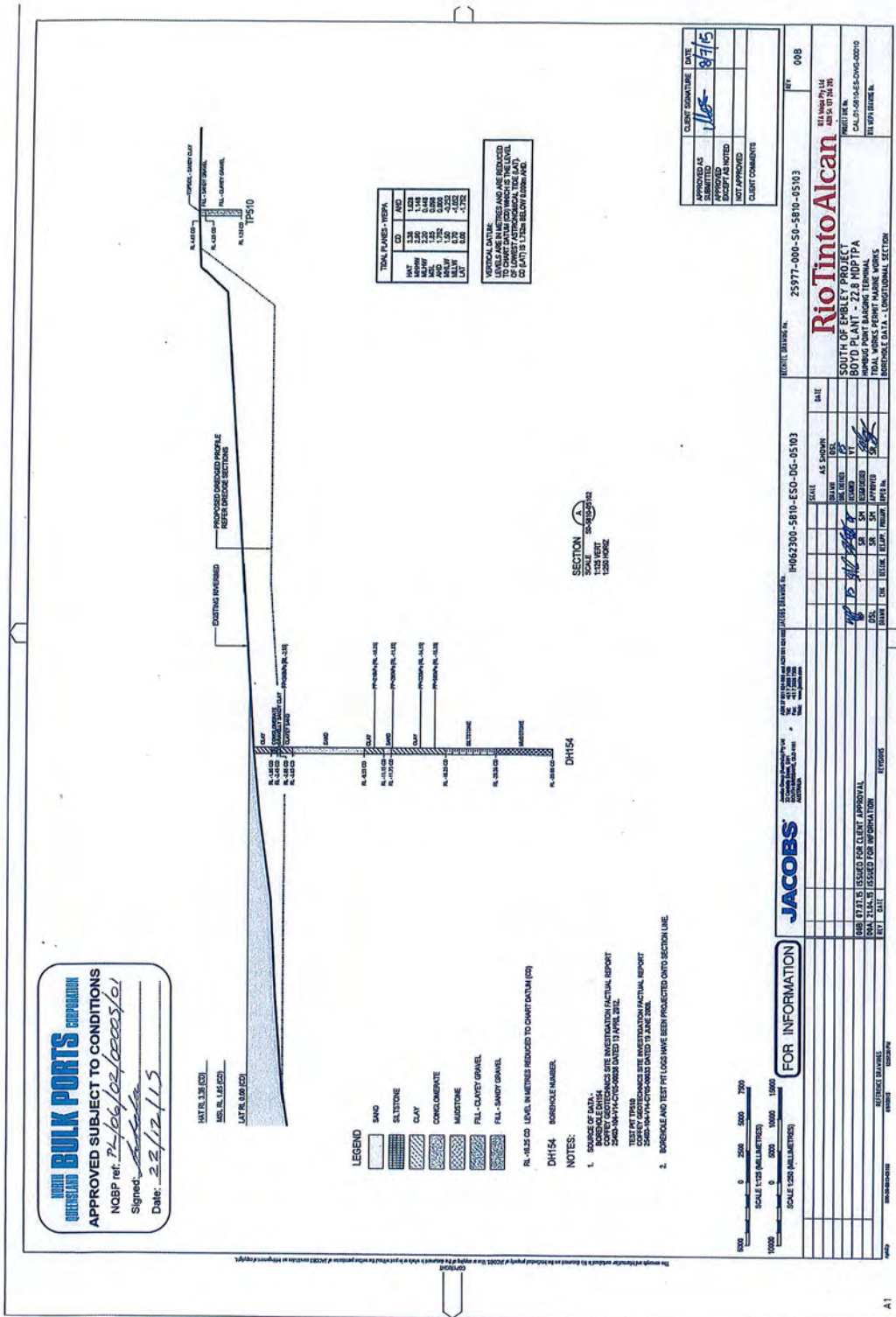
LEGEND
 BONE HOLES FROM COFFEY GEOTECHNICS SITE INVESTIGATION / FACTUAL
 REPORT 2485-504-PL-CHS-0009 DATED 13 APRIL 2012
 TEST PITS FROM COFFEY GEOTECHNICS SITE INVESTIGATION / FACTUAL
 REPORT 2485-504-PL-CHS-0003 DATED 15 JUNE 2009

EXISTING SITE PLAN
 SCALE: 1:500

<p>PROJECT: 25977-000-50-5810-05102 REF: 00C</p> <p>DATE: 09/15</p>																					
<p>APPROVED AS SHOWN</p>	<p>CLIENT SIGNATURE: <i>[Signature]</i> DATE: 09/15</p>																				
<p>APPROVED AS NOTED</p>	<p>DATE:</p>																				
<p>EXCEPT AS NOTED</p>	<p>DATE:</p>																				
<p>NOT APPROVED</p>	<p>CLIENT COMMENTS:</p>																				
<p>PROJECT: 25977-000-50-5810-05102 REF: 00C</p> <p>DATE: 09/15</p> <p>RioTinto Alcan</p> <p>880 West Park Rd 8070 PLANT 27 B HOPKINSA CALVERTON QLD 4800 AUSTRALIA TEL: (08) 9411 1100</p>																					
<p>SCALE: 1:500</p> <table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>REVISED</th> <th>DESCRIPTION</th> </tr> <tr> <td>1</td> <td>09/15</td> <td>SS</td> <td>0</td> <td>ISSUED FOR CLIENT APPROVAL</td> </tr> <tr> <td>2</td> <td>09/15</td> <td>SS</td> <td>1</td> <td>ISSUED FOR INFORMATION</td> </tr> <tr> <td>3</td> <td>12/15</td> <td>SS</td> <td>2</td> <td>ISSUED FOR INFORMATION</td> </tr> </table>		NO.	DATE	BY	REVISED	DESCRIPTION	1	09/15	SS	0	ISSUED FOR CLIENT APPROVAL	2	09/15	SS	1	ISSUED FOR INFORMATION	3	12/15	SS	2	ISSUED FOR INFORMATION
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2	09/15	SS	1	ISSUED FOR INFORMATION																	
3	12/15	SS	2	ISSUED FOR INFORMATION																	
<p>PROJECT: 25977-000-50-5810-05102 REF: 00C</p> <p>DATE: 09/15</p> <p>JACOBS</p> <p>10662300-5810-ESD-DG-05102</p>																					
<p>FOR INFORMATION</p>																					

NO.	DATE	BY	REVISED	DESCRIPTION
1	09/15	SS	0	ISSUED FOR CLIENT APPROVAL
2	09/15	SS	1	ISSUED FOR INFORMATION
3	12/15	SS	2	ISSUED FOR INFORMATION

QUEENSLAND BULK PORTS CORPORATION
APPROVED SUBJECT TO CONDITIONS
 NCBP ref. *24/06/2012/beccay/c1*
 Signed: *[Signature]*
 Date: *22/12/15*



TOTAL VALUES - WEPB

INT	3.8	1.628
MUD	2.28	0.448
AND	1.752	0.800
MUD	0.75	0.025
INT	0.08	-1.375

NOTES:
 LOGS AND TEST PIT LOGS HAVE BEEN PROJECTED ONTO SECTION LINE TO CORRELATE WITH THE LEVEL OF THE SECTION LINE.

SECTION SCALE 1:200 HORIZONTAL 1:200 VERTICAL

APPROVED AS	DATE
APPROVED	1/12/15
EXCEPT AS NOTED	
NOT APPROVED	
CLIENT COMMENTS	

JACOBS PROJECT NUMBER: 25977-000-50-5810-05103

Rio Tinto Alcan

SOUTH OF EMBLEY PROJECT
BOYD PLANT - 22.8 MDP/PA
 WADING POINT BARGEING TERMINAL
 INTERIM DESIGN DATA - LONGITUDINAL SECTION

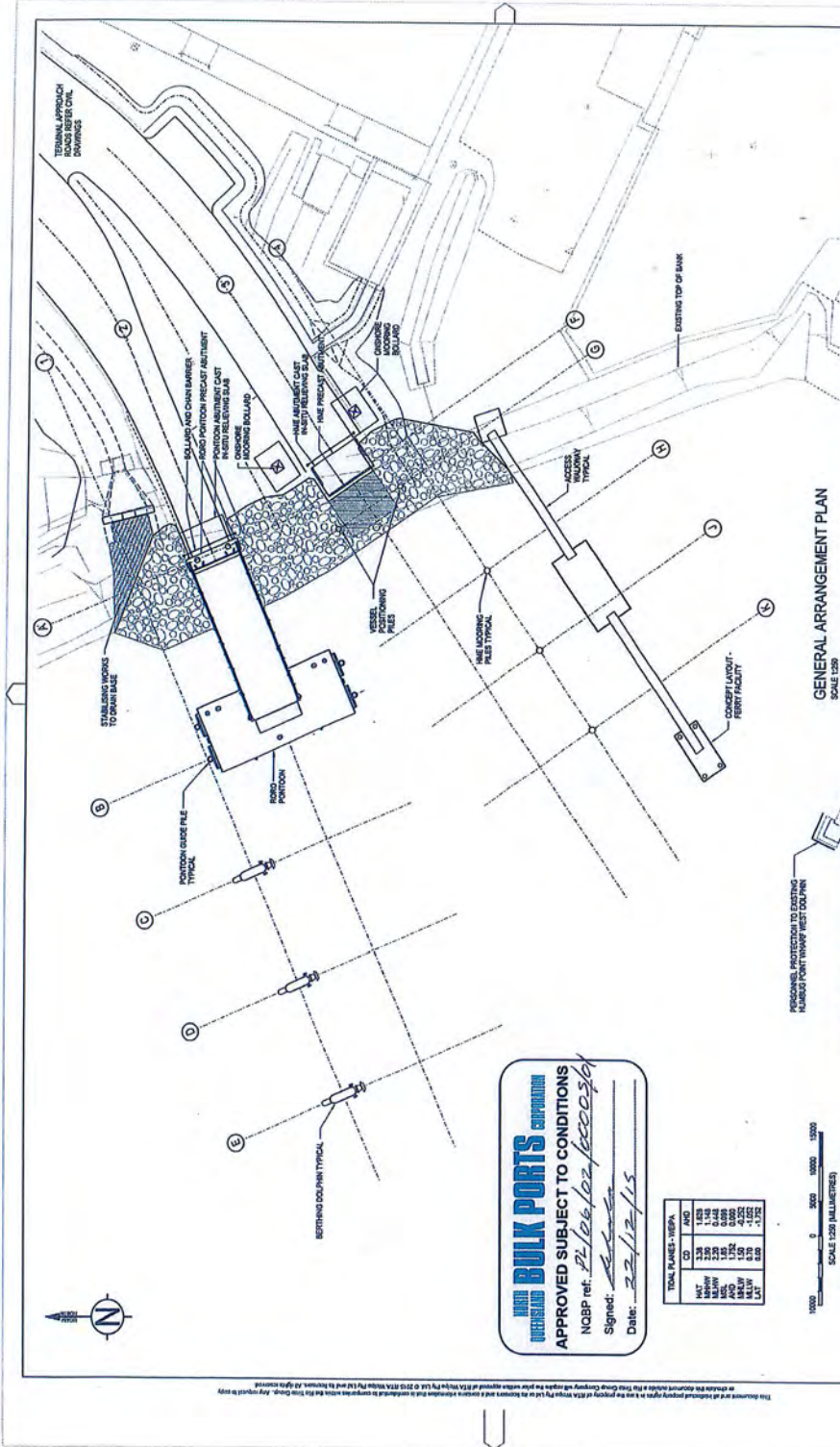
SECTION SCALE 1:200 HORIZONTAL 1:200 VERTICAL

DATE	ISSUED FOR	BY	CHECKED BY	DATE
08/07/15	ISSUED FOR CLIENT APPROVAL	[Signature]	[Signature]	08/07/15
08/21/15	ISSUED FOR INFORMATION	[Signature]	[Signature]	08/21/15

FOR INFORMATION

SCALE 1:200 (HORIZONTAL)
 SCALE 1:200 (VERTICAL)

WADING POINT BARGEING TERMINAL



OVERSEAS BULK PORTS CORPORATION
 APPROVED SUBJECT TO CONDITIONS
 NOCBP ref: *P/106/102/00030*
 Signed: *[Signature]*
 Date: *22/12/15*

TOTAL SQUARE METRE	
CD	AREA
HK1	1.83
HK2	2.35
HK3	2.18
HK4	0.08
HK5	1.85
HK6	0.08
HK7	1.20
HK8	0.08
HK9	0.08
HK10	1.72

10000 5000 0 5000 10000 15000
 SCALE 1:250 (MILLIMETRES)

FOR INFORMATION

GENERAL ARRANGEMENT PLAN
SCALE 1:250



PROJECT NUMBER: 25977-000-SO-8610-05104
 PROJECT TITLE: SOUTH OF EMBLEY PROJECT
 BOYD PLANT - 22.8 MDP/TPA
 TOTAL WORKS PERMIT MARINE WORKS
 GENERAL ARRANGEMENT PLAN

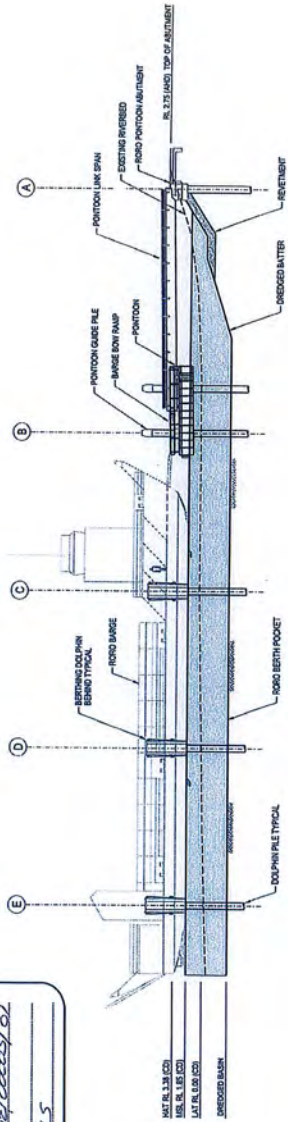
REVISIONS	
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814 New Plymouth
 APR 14 10 34 AM
 PROJECT NO. CAL-01-8610-05-DWG-00011
 FILE REFERENCE: IL



25977-000-SO-8610-05104
 SOUTH OF EMBLEY PROJECT
 BOYD PLANT - 22.8 MDP/TPA
 TOTAL WORKS PERMIT MARINE WORKS
 GENERAL ARRANGEMENT PLAN

OVERSEAS BULK PORTS CORPORATION
 APPROVED SUBJECT TO CONDITIONS
 NOBP ref: RL/CL/02/0004/01
 Signed: _____
 Date: 22/12/15



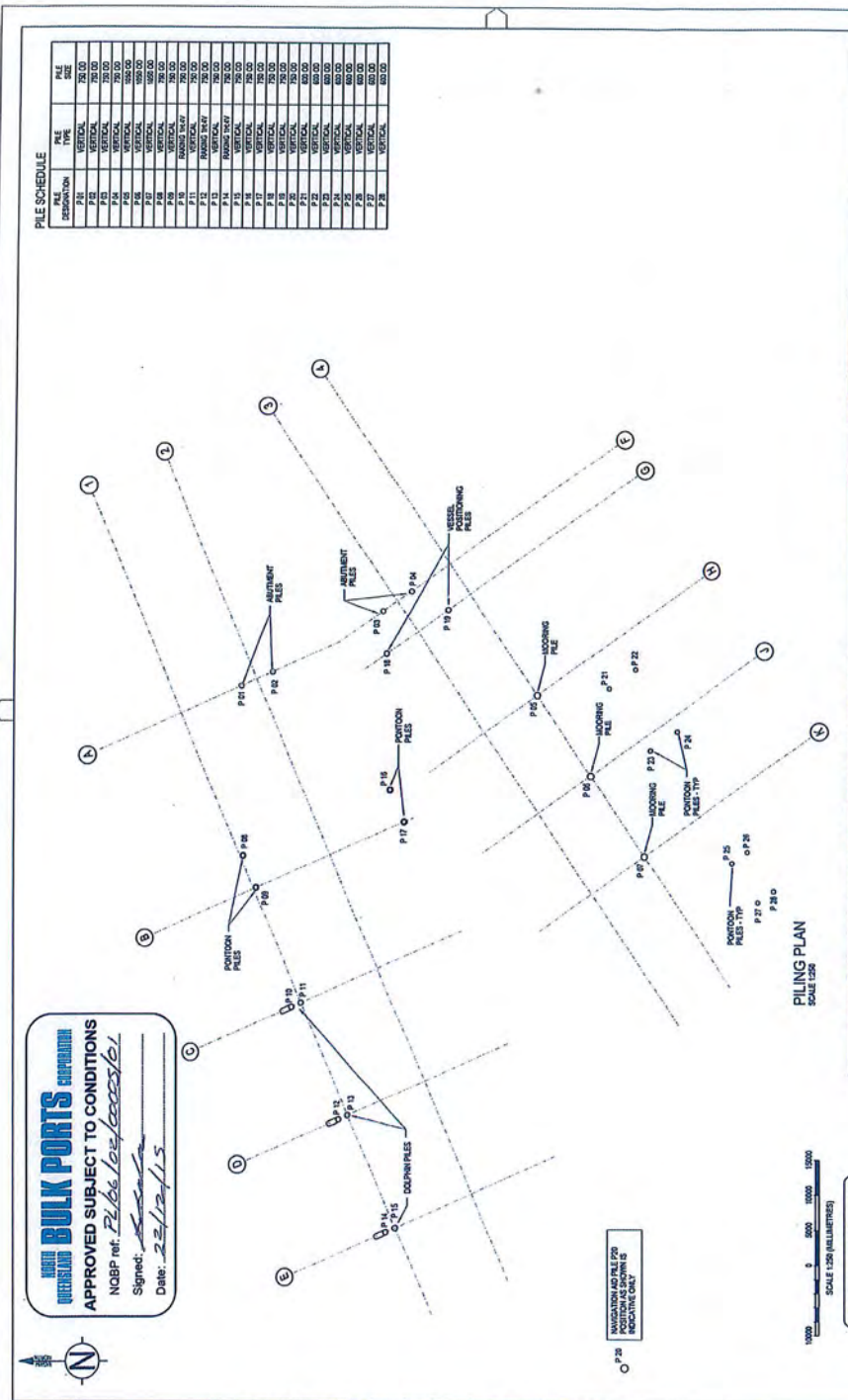
SECTION A
 SCALE 1:100 30x400x50
 RORO BERTH LONG SECTION AT MSL

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FOR INFORMATION ONLY

JACOBS				25977-000-S0-810-05105				REV	000
PROJECT NUMBER: 25977-000-S0-810-05105 TITLE: SOUTH OF EMBLEY PROJECT BOYD PLANT - 22.8 MDP/TPA RORO BERTH ARRANGEMENT - LONG SECTION GENERAL ARRANGEMENT - LONG SECTION				REVISIONS NO. DATE DESCRIPTION 01 02 03 04 05				DATE FOR ISSUE: 13/12/14 DRAWING NUMBER:	
SOUTH OF EMBLEY PROJECT BOYD PLANT - 22.8 MDP/TPA RORO BERTH ARRANGEMENT - LONG SECTION GENERAL ARRANGEMENT - LONG SECTION				SOUTH OF EMBLEY PROJECT BOYD PLANT - 22.8 MDP/TPA RORO BERTH ARRANGEMENT - LONG SECTION GENERAL ARRANGEMENT - LONG SECTION				PROJECT NO.: CAL-01-8114-ES-DWG-00012 CLIENT: TILBERT BROTHERS NL	
SCALE: 1:100 DATE: 13/12/14				DATE: 13/12/14					



APPROVED BULK PORTS CORPORATION
 APPROVED SUBJECT TO CONDITIONS
 NCBP ref. *P10s less/bearer/*
 Signed: *[Signature]*
 Date: *22/12/15*

PILE SCHEDULE

PILE DESIGNATION	PILE TYPE	PILE SIZE
P 10	VERTICAL	750.00
P 11	VERTICAL	750.00
P 12	VERTICAL	750.00
P 13	VERTICAL	750.00
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P 22	VERTICAL	750.00
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P 25	VERTICAL	750.00
P 26	VERTICAL	750.00
P 27	VERTICAL	750.00
P 28	VERTICAL	750.00

WELDED END BRACING PILES
 DOWN PILES
 PORTON AS SHOWN IS
 INDICATIVE ONLY

10000 5000 1000 500
 SCALE 1:250 (MILLIMETERS)

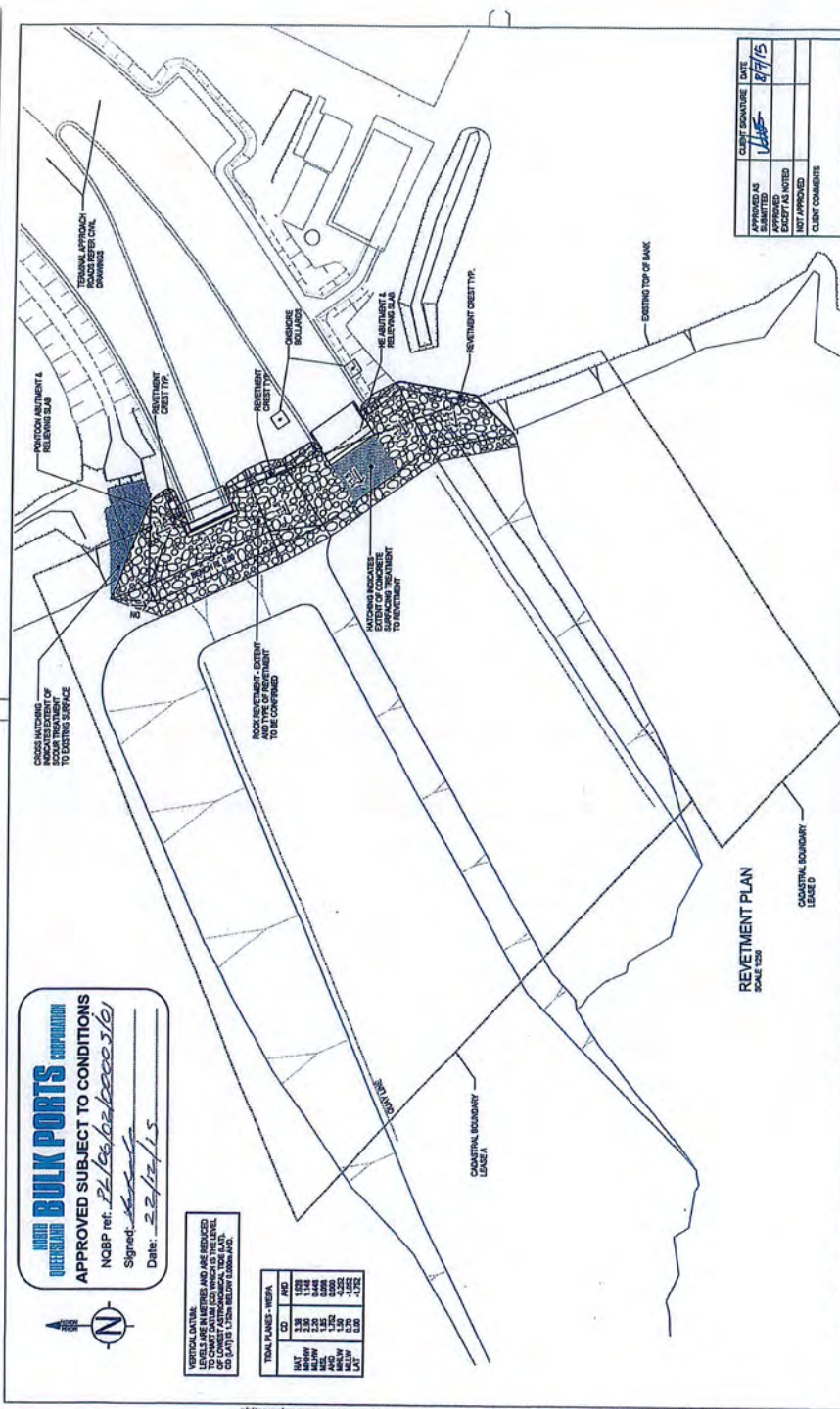
PILING PLAN
 SCALE 1:250

FOR INFORMATION

JACOBS			JACOBS ENGINEERING GROUP LIMITED ENGINEERS ARCHITECTS INTERIORS 25 BRIDGEWAY NEWBURY RG13 2AV TEL: 01344 770000 FAX: 01344 771000 WWW.JACOBS.COM		PROJECT NUMBER IS: 28977-000-SO-5810-05106	REV: 000
SCALE	DATE	ISSUE NO.	ISSUE	DESCRIPTION	BY	CHECKED BY
1:250	15/12/15	01	DESIGNED	SCHEMATIC		
		02	DRAWN			
		03	CHECKED			
		04	APPROVED			
		05	ISSUED FOR CONSTRUCTION			

CLIENT
 SOUTH OF EMBLEY PROJECT
 BOYD PLANT - Z23 MPT/PA
 TOTAL WORKS PROGRAM MAKE WORKS
 PILING PLAN

PROJECT LOCATION
 28977-000-SO-5810-05106



OVERSEAS BULK PORTS CORPORATION
APPROVED SUBJECT TO CONDITIONS
 NCBP ref. *PL/2016/02/00003/16*
 Signed: *[Signature]*
 Date: *22/11/15*

VERTICAL DATUM
 ALL ELEVATIONS AND ARE REFERRED
 TO CHANGI DATUM (CD) WHICH IS THE LEVEL
 OF THE MEAN SEA SURFACE AT CHANGI
 CD IS 1.70M BELOW MLLW (MSL).

TOTAL PLANES - HESPA	
CD	MSL
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2.30	1.60
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97.50	95.80
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98.50	96.80
99.00	97.30
99.50	97.80
100.00	98.30

APPROVED AS	CLIENT SIGNATURE	DATE
ISSUED	<i>[Signature]</i>	27/15
REVISED		
EXCEPT AS NOTED		
NOT APPROVED		
CLIENT COMMENTS		

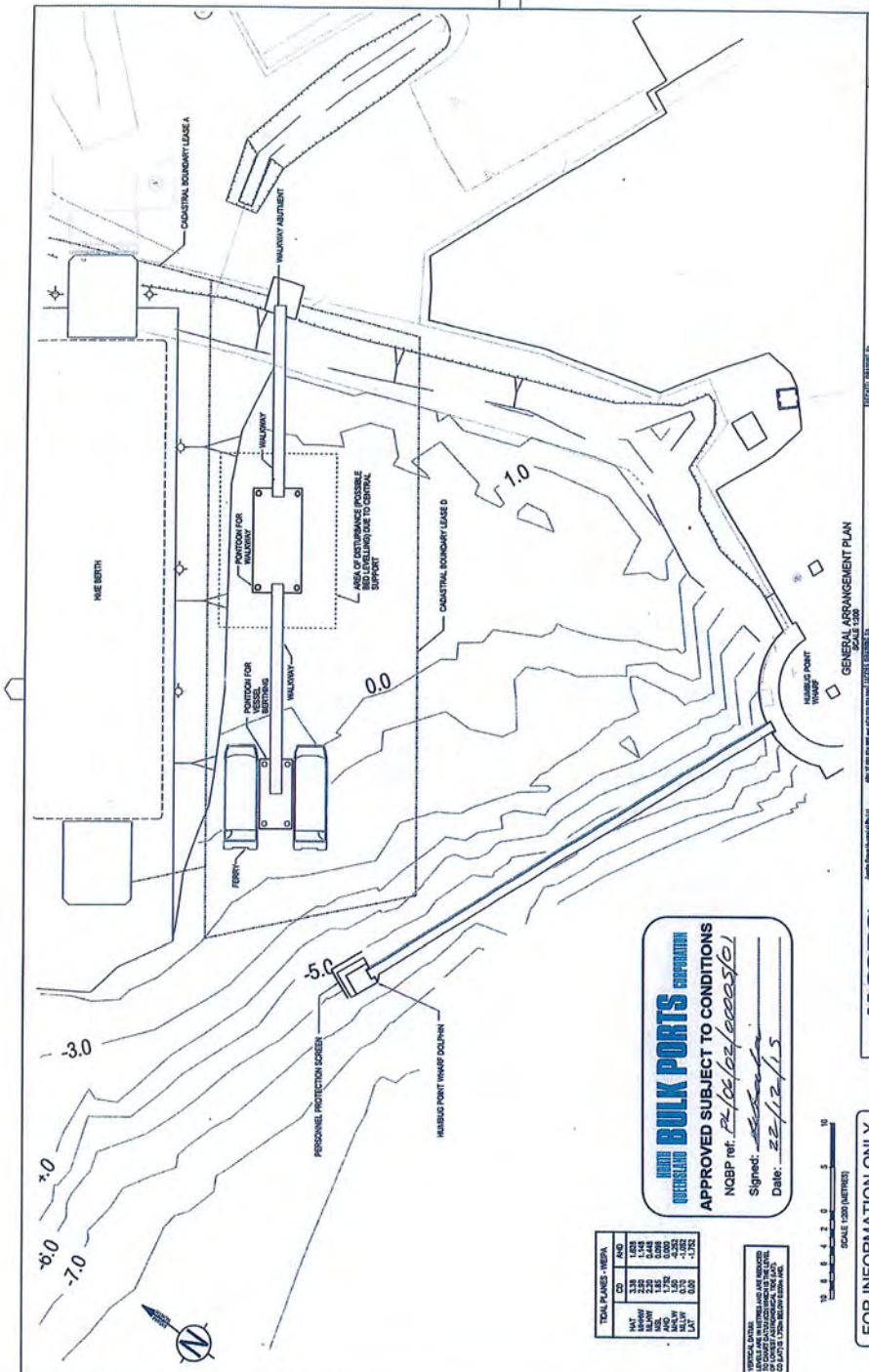
JACOBS PROJECT NUMBER: **PH062300-5810-ES0-06-05107** PROJECT STATUS: **REVISED** DATE: **06/11/15**

Rio Tinto Alcan SOUTH OF EMBLEY PROJECT
 BOYD PLANT - 27.8 MDP TPA
 TOTAL WORKS PERMIT PAIRING WORKS
 REVITMENT PLAN

NO.	DESCRIPTION	DATE	BY	CHECKED	DATE	BY
1	ISSUED FOR CLIENT APPROVAL	06/11/15	JK	JK	06/11/15	JK
2	ISSUED FOR INFORMATION	06/11/15	JK	JK	06/11/15	JK
3	ISSUED FOR INFORMATION	06/11/15	JK	JK	06/11/15	JK
4	ISSUED FOR INFORMATION	06/11/15	JK	JK	06/11/15	JK

SCALE: 1:200 (HORIZONTAL)
 SCALE: 1:500 (VERTICAL)

FOR INFORMATION



APPROVED SUBJECT TO CONDITIONS

NOBP ref. *22/06/2015/0000001*

Signature: *[Handwritten Signature]*

Date: *22/12/15*

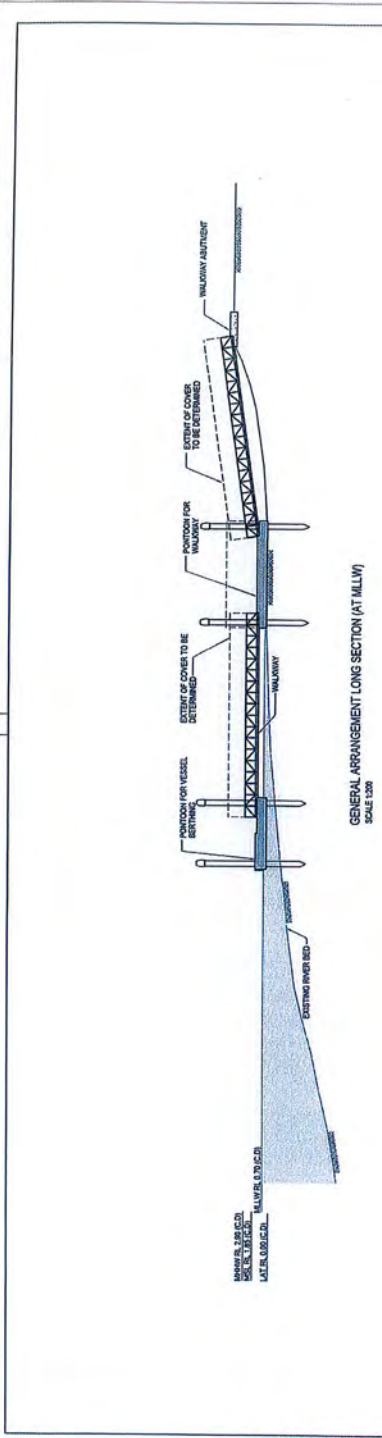
TOTAL PLACES - METRA	
NO	PLACES
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2	2220
3	1335
4	1335
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49	1335
50	1335

VERTICAL CURVE...
 FOR INFORMATION ONLY

SCALE 1:200 (METRES)

FOR INFORMATION ONLY

JACOBS		GENERAL ARRANGEMENT PLAN	
2577-500-S0-810-05115		2577-500-S0-810-05115	
2577-500-S0-810-05115		2577-500-S0-810-05115	
RíoTinto		RíoTinto	
SOUTH OF EMLEY PROJECT		SOUTH OF EMLEY PROJECT	
CALIFORNIA STATE ROUTE 99		CALIFORNIA STATE ROUTE 99	
HUBBARD POINT MARINA		HUBBARD POINT MARINA	
TOTAL WORKS PERMIT MAINTENANCE		TOTAL WORKS PERMIT MAINTENANCE	
PERMIT NUMBER:		PERMIT NUMBER:	
DATE:		DATE:	
SCALE:		SCALE:	
DRAWN BY:		DRAWN BY:	
CHECKED BY:		CHECKED BY:	
DESIGNED BY:		DESIGNED BY:	
APPROVED BY:		APPROVED BY:	
PROJECT NO.:		PROJECT NO.:	
SHEET NO.:		SHEET NO.:	
SHEET TOTAL:		SHEET TOTAL:	



GENERAL ARRANGEMENT LONG SECTION (AT MALW)
SCALE 1:2000

TOTAL PLACES - (NEPA)	
CD	JMS
NIT	1,175
ASPHALT	1,175
CONCRETE	1,175
PAVING	1,175
LAND	1,175
TOTAL	5,700

VERTICAL CURVING OF ALL TRACKS TO COMPLY WITH THE PROVISIONS OF THE RAILWAY ACT, 1989 AND THE RAILWAYS (CONSTRUCTION AND MAINTENANCE) REGULATIONS, 1969.



FOR INFORMATION ONLY

SHRI BULK PORTS CORPORATION
 APPROVED SUBJECT TO CONDITIONS
 NOBP ref: PL/06/02/20203/01
 Signed: [Signature]
 Date: 22/12/15

NO.	DESCRIPTION	DATE	BY
01	ISSUED FOR APPROVAL		
02	ISSUED FOR APPROVAL		
03	ISSUED FOR APPROVAL		
04	ISSUED FOR APPROVAL		
05	ISSUED FOR APPROVAL		
06	ISSUED FOR APPROVAL		
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18	ISSUED FOR APPROVAL		
19	ISSUED FOR APPROVAL		
20	ISSUED FOR APPROVAL		

JACOBS
 PROJECT NUMBER: JAC2000-3810-ESD-DC-05118
 PROJECT TITLE: SOUTH OF EMBLEY PROJECT
 SOUTH OF EMBLEY PROJECT
 SOUTH OF EMBLEY PROJECT
 SOUTH OF EMBLEY PROJECT
 SOUTH OF EMBLEY PROJECT
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 SOUTH OF EMBLEY PROJECT
 SOUTH OF EMBLEY PROJECT
 SOUTH OF EMBLEY PROJECT

PROJECT NUMBER:	JAC2000-3810-ESD-DC-05118	REV:	008
CLIENT:	SHRI BULK PORTS CORPORATION	DATE:	22/12/15
PROJECT TITLE:	SOUTH OF EMBLEY PROJECT	DESIGNER:	SHRI BULK PORTS CORPORATION
PROJECT LOCATION:	SOUTH OF EMBLEY PROJECT	DRAWN BY:	JAC
PROJECT DRAWING NO.:	SOUTH OF EMBLEY PROJECT	CHECKED BY:	JAC
PROJECT DRAWING DATE:	SOUTH OF EMBLEY PROJECT	APPROVED BY:	JAC
PROJECT DRAWING SCALE:	SOUTH OF EMBLEY PROJECT	SCALE:	AS SHOWN
PROJECT DRAWING SHEET NO.:	SOUTH OF EMBLEY PROJECT	SHEET NO.:	01
PROJECT DRAWING SHEET TOTAL:	SOUTH OF EMBLEY PROJECT	SHEET TOTAL:	01
PROJECT DRAWING SHEET TITLE:	SOUTH OF EMBLEY PROJECT	SHEET TITLE:	GENERAL ARRANGEMENT LONG SECTION
PROJECT DRAWING SHEET SUBTITLE:	SOUTH OF EMBLEY PROJECT	SHEET SUBTITLE:	GENERAL ARRANGEMENT LONG SECTION

ATTACHMENT 4 – STATE ASSESSMENT AND REFERRAL AGENCY CONDITIONS



Department of Infrastructure,
Local Government and Planning

Our reference: SDA-0815-023193
Your reference: PL/06/02/00005/01

26 November 2015

Chief Executive Officer
North Queensland Bulk Ports Corporation
GPO Box 409
Brisbane QLD 4001

Att: Sally Sala

Dear Sir / Madam

Amended Concurrence agency response— with conditions

Development application for operational works (tidal works and marine plants removal, damage or destruction) on land described as Lot 14 on SP120446 and Lot 29 on SP116854 at the Port of Weipa

(Given under section 285 of the *Sustainable Planning Act 2009*)

The referral agency material for the development application described below was received by the Department of Infrastructure, Local Government and Planning under section 272 of the *Sustainable Planning Act 2009* on 1 September 2015.

Applicant details

Applicant name: RTA Weipa Pty Ltd
Applicant contact details: GPO Box 153
Brisbane Queensland 4001
SoE.DocumentControl@riotinto.com

Site details

Lot on plan: Lot 14 on SP120446 and Lot 29 on SP116854
Port: Port of Weipa

Application details

Proposed development: Development permit for operational work (tidal works and marine plants removal, damage or destruction)

Aspects of development and type of approval being sought

Nature of Development	Approval Type	Brief Proposal of Description	Level of Assessment
Operational Work	Development permit	Tidal works for loading/unloading facilities for bulk materials, supplies, equipment and personnel and Clearing or destruction of marine plants for construction of a ferry berth	Code Assessment

Referral triggers

The development application was referred to the department under the following provisions of the *Sustainable Planning Regulation 2009*:

Referral trigger **Schedule 7, Table 2, Item 13** – Tidal works, or development in a coastal management district
Schedule 7, Table 2, Item 15 – Tidal works, or development in a coastal management district
Schedule 7, Table 2, Item 30 – Removal, destruction or damage of marine plants

Conditions

Under section 287(1)(a) of the *Sustainable Planning Act 2009*, the conditions set out in Attachment 1 must be attached to any development approval.

Reasons for decision to impose conditions

Under section 289(1) of the *Sustainable Planning Act 2009*, the department must set out the reasons for the decision to impose conditions. These reasons are set out in Attachment 2.

Relevant period

Under section 287(1)(d) of the *Sustainable Planning Act 2009*, the relevant period for any development approval is to be five years for each development aspect starting the day the approval takes effect.

Further advice

Under section 287(6) of the *Sustainable Planning Act 2009*, the department offers advice about the application to the assessment manager—see Attachment 3.

Approved plans and specifications

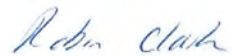
The department requires that the following plans and specifications set out below and in Attachment 4 must be attached to any development approval.

Drawing/Report Title	Prepared by	Date	Reference no.	Version/Issue
Aspect of development: Operational work – Tidal works				
Layout and Drainage Plan	RTA Weipa Pty Ltd	08.07.2015	25977-000-C0-5810-00001	00C
Site Plan Marine Works	RTA Weipa Pty Ltd	07.10.2015	25977-000-S0-5810-05101	00F
General Arrangement Plan	RTA Weipa Pty Ltd	12.10.2015	25977-000-S0-5810-05104	00D
General Arrangement – Long Section	RTA Weipa Pty Ltd	13.10.2015	25977-000-S0-5810-05105	00C
Piling Plan	RTA Weipa Pty Ltd	12.10.2015	25977-000-S0-5810-05106	00C
Revetment Plan	RTA Weipa Pty Ltd	07.07.2015	25977-000-S0-5810-05107	00D
Revetment Cross Sections	RTA Weipa Pty Ltd	14.07.2015	25977-000-S0-5810-05108	00B
Ferry Berth Plan	RTA Weipa Pty Ltd	12.10.2015	25977-000-S0-5810-05115	00B
Ferry Berth Section	RTA Weipa Pty Ltd	09.10.2015	25977-000-S0-5810-05116	00B
Aspect of development: Operational work – Removal, destruction or dame of marine plants				
South of Embley Project Humbug Terminal- 2014 Seagrass Mapping at the Port of Weipa	Rio Tinto Alcan	13/10/2015	Figure 1	-

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

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

Yours sincerely



Robin Clark
Manager (Planning)

cc: RTA Weipa Pty Ltd, email: SoE.DocumentControl@rotinto.com

enc: Attachment 1—Conditions to be imposed
Attachment 2—Reasons for decision to impose conditions
Attachment 3—Further advice
Attachment 4—Approved Plans and Specifications

Our reference: SDA-0815-023193
Your reference: CAL.01-0000-HH-LTR-00013

Attachment 1—Conditions to be imposed

No.	Conditions	Condition timing
Development application for a development permit for operational works (tidal works and marine plant removal, damage or destruction)		
Schedule 7, Table 2, Item 13: Tidal works, or development in a coastal management district — Pursuant to section 255D of the <i>Sustainable Planning Act 2009</i> , the chief executive administering the Act nominates the Director-General of the Department of Environment and Heritage Protection to be the assessing authority for the development to which this development approval relates for the administration and enforcement of any matter relating to the following condition(s):		
1.	<p>The development should be carried out generally in accordance with the following plans:</p> <ul style="list-style-type: none"> • Layout and Drainage Plan, prepared by RTA Weipa Pty Ltd, dated 08.07.2015, Drawing Number 25977-000-C0-5810-00001, revision 00C • Site Plan Marine Works, prepared by RTA Weipa Pty Ltd, dated 07.10.2015, Drawing Number 25977-000-S0-5810-05101, revision 00F • General Arrangement Plan, prepared by RTA Weipa Pty Ltd, dated 12.10.2015, Drawing Number 25977-000-S0-5810-05104, revision 00D • General Arrangement – Long Section, prepared by RTA Weipa Pty Ltd, dated 13.10.2015, Drawing Number 25977-000-S0-5810-05105, revision 00C • Piling Plan, prepared by RTA Weipa Pty Ltd, dated 12.10.2015, Drawing Number 25977-000-S0-5810-05106, revision 00C • Revetment Plan, prepared by RTA Weipa Pty Ltd, dated 07.07.2015, Drawing Number 25977-000-S0-5810-05107, revision 00D • Revetment Cross Section, prepared by RTA Weipa Pty Ltd, dated 14.07.2015, Drawing Number 25977-000-S0-5810-05108, revision 00B • Ferry Berth Plan, prepared by RTA Weipa Pty Ltd, dated 12.10.2015, Drawing Number 25977-000-S0-5810-05115, revision 00B • Ferry Berth Section, prepared by RTA Weipa Pty Ltd, dated 09.10.2015, Drawing Number 25977-000-S0-5810-05116, revision 00B 	At all times
2.	<p>During the construction phase of the works:</p> <ol style="list-style-type: none"> (a) install and maintain all measures, plant and equipment necessary to ensure compliance with these conditions; (b) only use materials which are: <ol style="list-style-type: none"> i. clean and free of silt; ii. free from pests, chemicals and other contaminants as defined under section 11 of the <i>Environmental Protection Act 1994</i>; and iii. suitable for the purpose; and (c) promptly remove any material or debris which has been deposited within the coastal management district or tidal 	For the duration of the works the subject of this approval

No.	Conditions	Condition timing
	waters, other than in accordance with this approval.	
3.	Any disturbed or oxidised acid sulfate soil must be treated and managed in accordance with the current <i>Queensland Acid Sulfate Soil Technical Manual: Soil Management Guidelines v4.0</i> , prepared by the Department of Science, Information Technology, Innovation and the Arts 2014.	For the duration of the works the subject of this approval
Development application for a development permit for operational works (tidal works and marine plant removal, damage or destruction)		
Schedule 7, Table 2, Item 15: Tidal works, or development in a coastal management district — Pursuant to section 255D of the <i>Sustainable Planning Act 2009</i> , the chief executive administering the Act nominates the Director-General of the Department of Transport and Main Roads (Maritime Safety Queensland) to be the assessing authority for the development to which this development approval relates for the administration and enforcement of any matter relating to the following condition(s):		
Maintenance of safe navigation		
4.	Provide written notice to Captain Michael Barnett, Regional Harbour Master (Cairns), PO Box 1787, Cairns QLD 4870 when the development authorised under this approval has: <ul style="list-style-type: none"> (a) commenced; and (b) when it has been completed. <p>These notices must state the permit number, the location and name of registered place and the condition number with the notice is being given.</p>	<ul style="list-style-type: none"> (a) at least two weeks prior to the commencement of the works (b) within two weeks after the completion of works
5.	"As Constructed" drawings must be provided to Captain Michael Barnett, Regional Harbour Master (Cairns), PO Box 1787 Cairns QLD 4870.	Within two weeks of the completion of the works
Protection of navigable waterways		
6.	The construction, operation or maintenance of the structure, and any ship moored at this structure, must not impede the safe navigation of other ships or restrict safe access to or from neighbouring structures.	At all times
7.	The pontoon must be constructed totally within the approved quayline.	At all times
8.	Any debris or similar obstruction encountered whilst undertaking the work must be suitably disposed of at the applicant's cost	Prior to the completion of works
Aids to navigation		
9.	Any navigational aid that is damaged due to the construction, operation or maintenance of the approved development must be promptly repaired or replaced at the applicant's cost. In the event that any damage is caused to any aid to navigation, the Harbour Master must be immediately contacted on (07) 4052 7412.	At all times
Lighting		
10.	All structures associated with the development must be lit/marked in accordance with the following specifications, such that they are clearly visible to approaching ships and does not cause a risk to the safe navigation of other ships:	At all times

No.	Conditions	Condition timing
	Freestanding piles must have retro-reflective tape fitted. Anchors deployed must be marked with yellow buoys and fitted with FL yellow lights. Lighting must be provided in accordance with section 3 of AS4282-1997 'Control of the obtrusive effects of outdoor lighting'	
Development application for operational work involving tidal works (removal, destruction or damage of marine plants)		
Schedule 7, Table 2, Item 30: Removal, destruction or damage of marine plants —Pursuant to section 255D of the <i>Sustainable Planning Act 2009</i> , the chief executive administering the Act nominates the Director-General of the Department of Agriculture and Fisheries to be the assessing authority for the development to which this development approval relates for the administration and enforcement of any matter relating to the following condition(s):		
11.	The development must be in accordance with the information request response prepared by RTA Weipa Pty Ltd, dated 20 October 2015, in particular: <ul style="list-style-type: none"> • the area of marine plants to be impacted is approximately 225m² of marine plants along the foreshore, including both temporary and permanent disturbance. 	At all times
12.	In addition to the disturbance of marine plants along the foreshore authorised in Condition 11, the development authorised under this approval is limited as follows: <ul style="list-style-type: none"> • remove, damage, destroy marine plants being limited to permanent disturbance of 54 m² of marine plants and shown in South of Embley Project Humbug Terminal-2014 Seagrass Mapping at the Port of Weipa, Rio Tinto Alcan, 13/10/2015, Figure 1. 	At all times
13.	Provide written notice to notifications@daf.qld.gov.au, when the development authorised under this approval has started, and when it has been completed. These notices must state this permit number, the location and the condition number under which the notice is being given. The notice advising of the completion date must also include a report documenting the completed development works, including but not limited to: <ul style="list-style-type: none"> • photographs taken before, during and after the development works at the northern and southern extents of the revetment wall works. • an evaluation of the actual impacts of the development on fisheries resources (marine plants). 	At least five (5) business days but no greater than twenty (20) business days prior to the commencement of fisheries development works. And then, as to the notice advising of the completion date, within 15 business days of the completion of the fisheries development works.
14.	Until the works have been completed, permit access to the place where the works are located by Department of Agriculture and Fisheries officers if requested.	For the duration of the works the subject of this approval
15.	Marine plants authorised for removal and other material used in the development (e.g. debris, construction material, soil, etc.) are to be promptly removed from the intertidal zone.	At all times

No.	Conditions	Condition timing
16.	Provide a Financial Settlement Offset for the amount of \$6 975.00 to offset the significant residual impact of the loss of 279 m ² pursuant to sections 18 and 19 of the <i>Environmental Offsets Act 2014</i> .	Prior to commencing works

Our reference: SDA-0815-023193
 Your reference: CAL.01-0000-HH-LTR-00013

Attachment 2—Reasons for decision to impose conditions

The reasons for this decision are:

- to ensure the development is carried out generally in accordance with the plans of development submitted with the application.
- to ensure the development avoids or minimises adverse impacts on coastal resources and their values.
- to ensure the disturbance of acid sulfate soils is treated and managed.
- to facilitate the monitoring of the development works for compliance purposes.
- to ensure the department has accurate information on the navigable waterway following dredging works.
- to ensure the development does not encroach on the navigable waterway in a way that impedes the safe passage of vessels.
- to ensure that the development does not interfere with any existing aids to navigation.
- to ensure that at all times, all lights on or above the development site do not interfere with the safe navigation in surrounding waterways.
- to ensure the development is carried out in the location and to the extent specified on the approved plans of development.
- to ensure the development is carried to the extent specified in response to the information request.
- to ensure the development is carried out in the location and to the extent specified on the approved plans of development.
- to ensure the development will not increase the risk of mortality, disease or injury, or compromise the health and productivity of fisheries resources.
- to ensure the development provides an Environment Offset to offset the significant residual impact on marine plants.
- to ensure the development achieves the outcomes in 5.3 Removal, destruction or damage of marine plants state code in the State Development Assessment Provisions version 1.6.
- to ensure the development achieves the outcomes in 10.1 Tidal works, or development in the coastal management district state code in the State Development Assessment Provisions version 1.6.
- ensure the development achieves the outcomes in 14.1 Maritime safety state code in the State Development Assessment Provisions version 1.6.

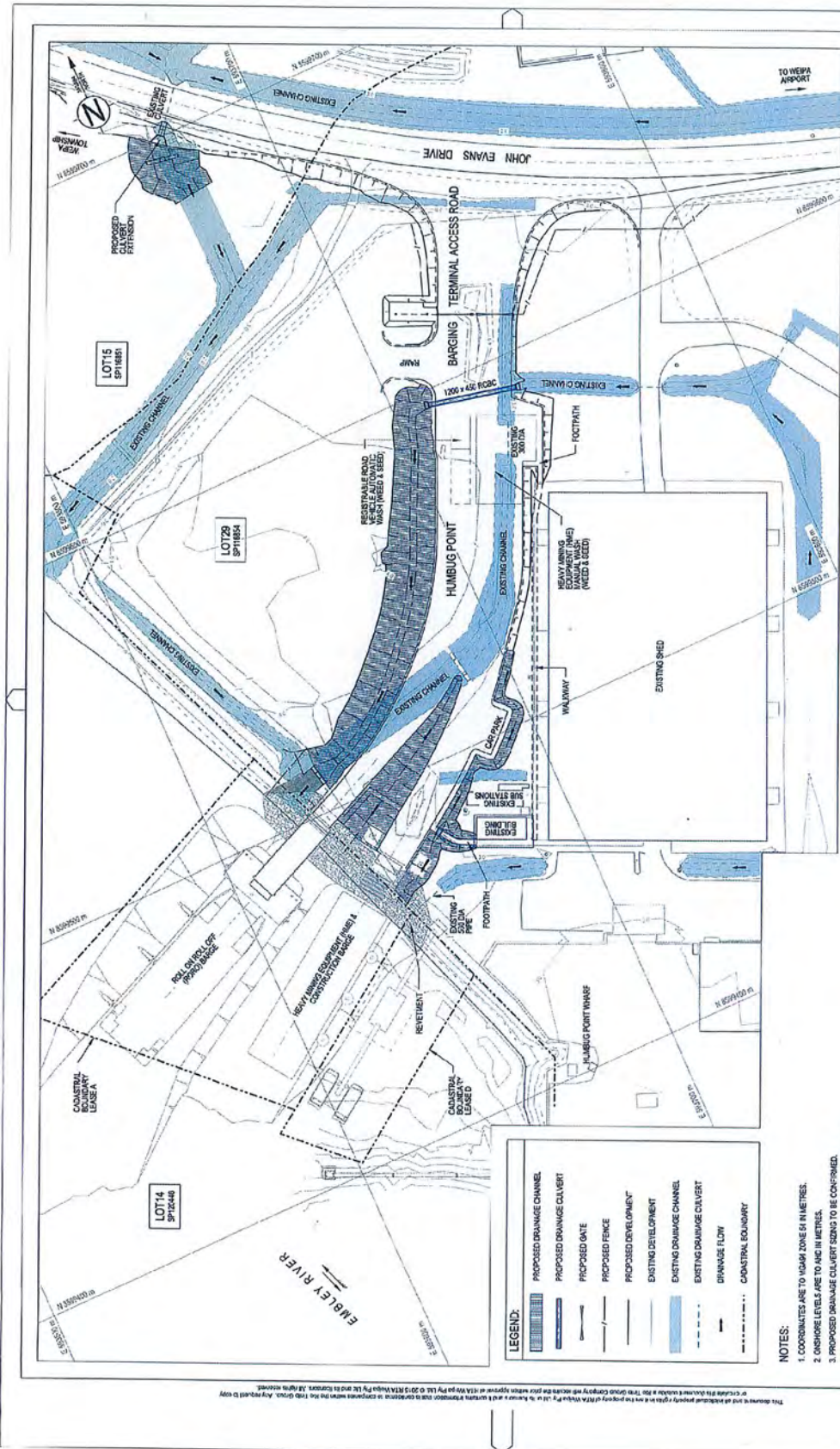
Our reference: SDA-0815-023193
 Your reference: PL/06/02/00005/01

Attachment 3—Further advice

General advice	
Environmental offsets	
1.	<p>Should the proponent wish to deliver:</p> <ul style="list-style-type: none"> i. a proponent driven offset; or ii. a combination of a proponent driven offset and financial settlement offset; <p>In lieu of the Financial Settlement Offset in Condition 13 above, the proponent may:</p> <ul style="list-style-type: none"> i. make representations under section 290 of the Sustainable Planning Act 2009 to amend the referral agency response; or ii. request a permissible change to amend a condition of approval under s369 of the Sustainable Planning Act 2009; <p>provided an agreed delivery arrangement (as defined under the Environmental Offsets Act 2014) has been secured with the relevant administrating agency.</p>

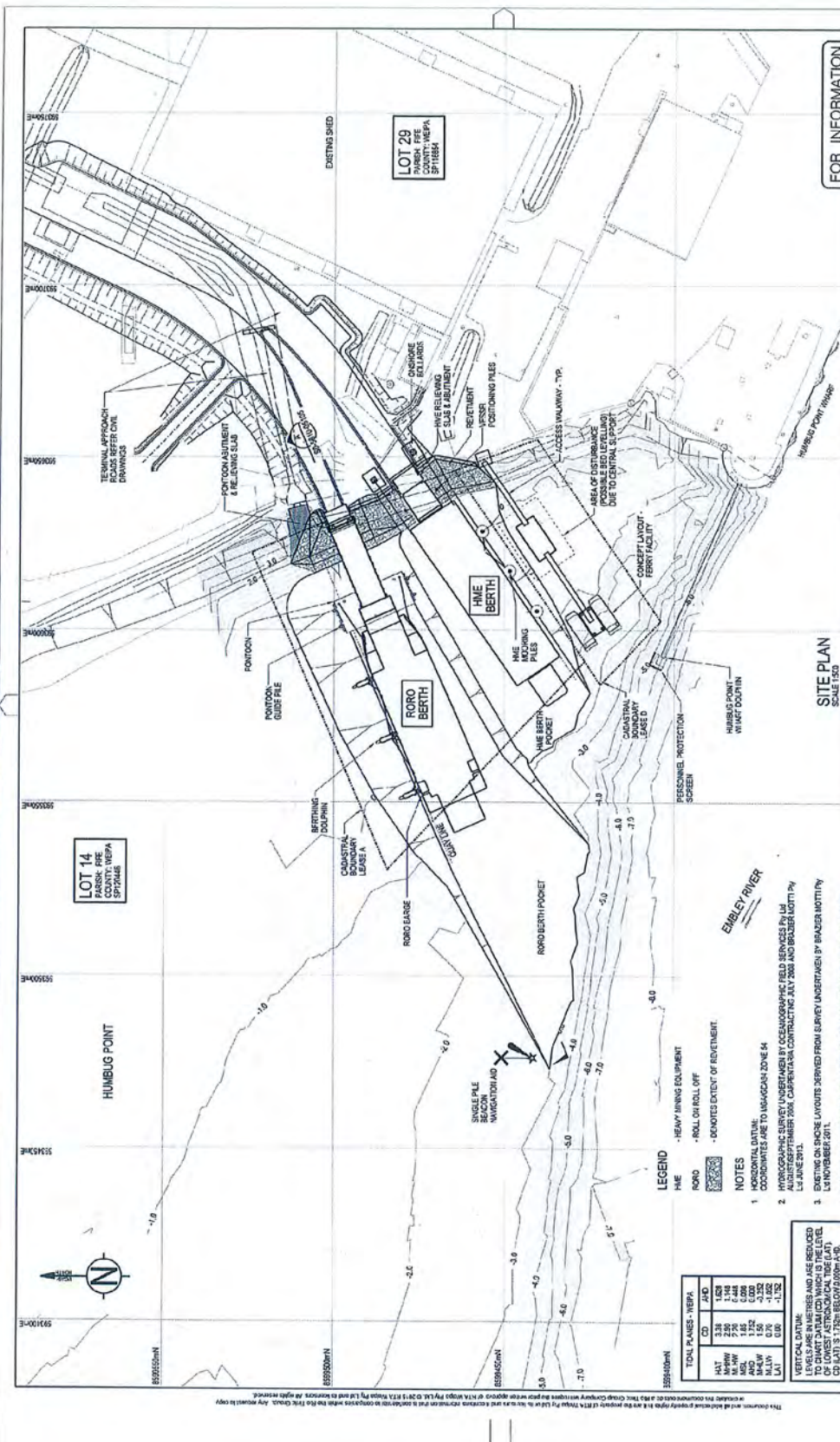
Our reference: SDA-0815-023193
Your reference: CAL.01-0000-HH-LTR-00013

Attachment 4—Approved plans and specifications



		BECHTEL AUSTRALIA PTY. LTD. 25977-400-CO-5819-00001		DATE: 04-15-15 DATE: 04-15-15 DATE: 04-15-15 DATE: 04-15-15 DATE: 04-15-15	
SOUTH OF EMBLEY PROJECT BOYD PLANT - 22.8 MDT/PA DEVELOPMENT APPROVAL TERMINAL LAYOUT AND DRAINAGE PLAN		BECHTEL DRAWING NO.		DATE: 04-15-15 DATE: 04-15-15 DATE: 04-15-15 DATE: 04-15-15 DATE: 04-15-15	
PROJECT NO. CAL 01-5810-EC-DWG-0001 FILE REF: DRAWING NO.		BECHTEL DRAWING NO.		DATE: 04-15-15 DATE: 04-15-15 DATE: 04-15-15 DATE: 04-15-15 DATE: 04-15-15	

- NOTES:**
- COORDINATES ARE TO UTM ZONE 64 IN METRES.
 - ONSHORE LEVELS ARE TO AHD IN METRES.
 - PROPOSED DRAINAGE CULVERT SIZING TO BE CONFIRMED.
 - PAVEMENT, LINE MARKINGS & PORTION OF ADDITIONAL ROAD WORKS FOR THE PROPOSED DEVELOPMENT HAS BEEN OBTAINED FROM THE DRAWING FOR CLARITY PURPOSES.
 - REFER TO DRAWING 25977-400-SR-14-5-01 FOR SITE PLAN - MARINE WORKS.



FOR INFORMATION

REVISION NO.	DATE	BY	DESCRIPTION
001	15/08/2013
002	15/08/2013
003	15/08/2013
004	15/08/2013
005	15/08/2013
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050	15/08/2013

PROJECT NO.	25977-000-S0-5810-05101
CLIENT	ODF
PROJECT NAME	Rio Tinto
PROJECT ADDRESS	SOUTH OF EMBLEY PROJECT BOYD PLANT - 22.8 MDDTPA HUMBUG POINT BARRAGE TERMINAL TOTAL WORKS PERMIT MARINE WORKS SITE 'A' - MARINE WORKS
PROJECT NO.	25977-000-S0-5810-05101
CLIENT	ODF
PROJECT NAME	Rio Tinto
PROJECT ADDRESS	SOUTH OF EMBLEY PROJECT BOYD PLANT - 22.8 MDDTPA HUMBUG POINT BARRAGE TERMINAL TOTAL WORKS PERMIT MARINE WORKS SITE 'A' - MARINE WORKS

SITE PLAN
SCALE 1:500

LEGEND
 HME - HEAVY LIFTING EQUIPMENT
 RORO - ROLL ON ROLL OFF
 - - - - - DENOTES EXTENT OF REDEVELOPMENT
 NOTES
 1. HORIZONTAL DATUM: COORDINATES ARE TO MAGNAGAN ZONE 54 AUGUST/SEPTEMBER 2004. CARPENTARIA CONTRACTING JULY 2008 AND BRAZIER MOTTIFY 15 JUNE 2011.
 2. HYDROGRAPHIC SURVEY UNDERTAKEN BY OCEANOGRAPHIC FIELD SERVICES Pty Ltd AUGUST/SEPTEMBER 2004. CARPENTARIA CONTRACTING JULY 2008 AND BRAZIER MOTTIFY 15 JUNE 2011.
 3. EXISTING ON SHORE LAYOUTS DERIVED FROM SURVEY UNDERTAKEN BY BRAZIER MOTTIFY 15 NOVEMBER 2011.
 4. LEASE CANALS, BOUNDARIES AS SURVEYED BY BRAZIER MOTTIFY 15 JUNE 2011.

TOTAL PLANS - HEPPA	
CD	2/0
HT	2/0
MHW	2/0
MLW	2/0
AND	1/102
MLW	0/0
LAI	0/0
LAI	-1/102

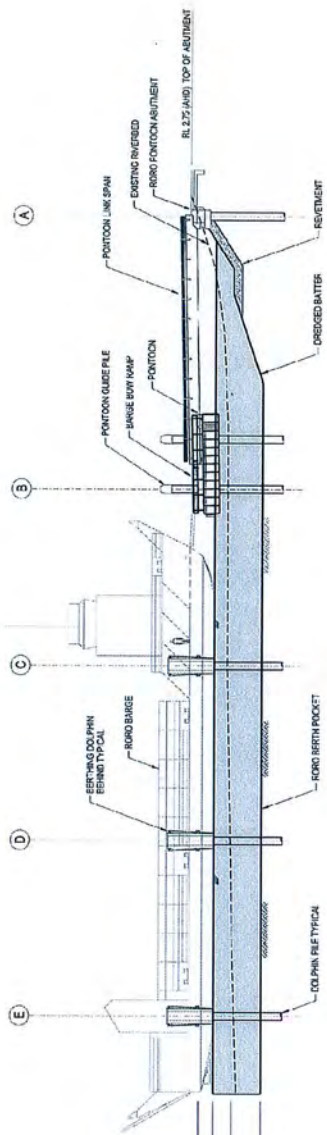
VERTICAL DATUM:
LEVELS ARE IN METRES AND ARE REDUCED TO CHART DATUM (CD) WHICH IS THE LEVEL OF MEAN LOW WATER (MLW) AT CD (LA) 3.17226 BELOW LOW WATER.

JACOBS

PROJECT NO. 25977-000-S0-5810-05101
CLIENT: ODF
PROJECT NAME: Rio Tinto

PROJECT ADDRESS: SOUTH OF EMBLEY PROJECT
BOYD PLANT - 22.8 MDDTPA
HUMBUG POINT BARRAGE TERMINAL
TOTAL WORKS PERMIT MARINE WORKS
SITE 'A' - MARINE WORKS

REVISION NO. DATE BY DESCRIPTION



SECTION A
SCALE 1/8" = 1'-0" (VERTICAL)
SCALE 1/4" = 1'-0" (HORIZONTAL)
RORO BERTH LONG SECTION AT MSL

HWT RL 1.8' (OD)
HWT RL 1.8' (OD)
LAT RL 1.0' (OD)
DREGGED BANK

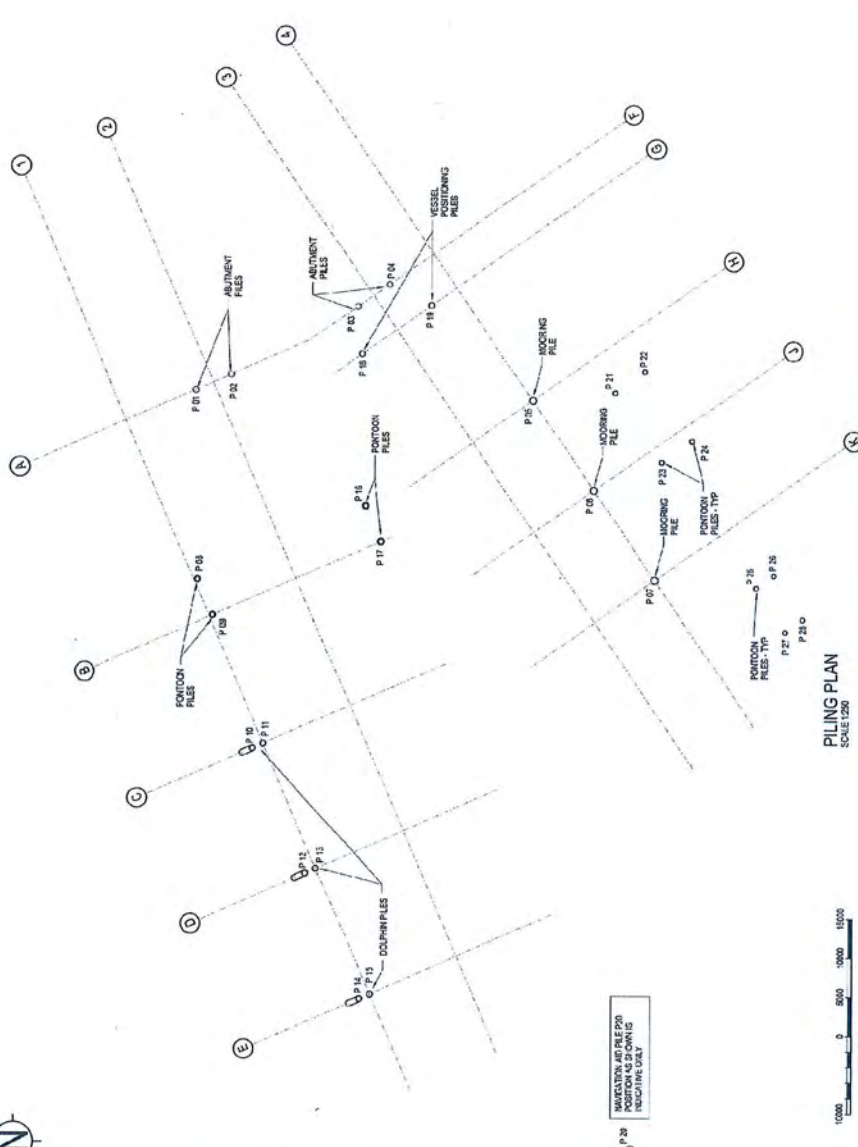
1" = 200'
0 500 1000
SCALE 1/200 (MILLIMETERS)

FOR INFORMATION ONLY

JACOBS		25977-000-90-5810-05105		REV	00C
PROJECT NUMBER: 25977-000-90-5810-05105 SOUTH OF EMBLEY PROJECT GENERAL ARRANGEMENT - LONG SECTION		DATE: 12/00 SCALE: 1/200 DRAWN: JAC CHECKED: JAC DESIGNED: JAC APPROVED: JAC TYPED: JAC		REF: 00C RL 1.8' (OD) HWT RL 1.8' (OD) LAT RL 1.0' (OD)	
NO.	DATE	BY	CHK	APP	DESCRIPTION
001	12/00	JAC	JAC	JAC	ISSUED FOR PERMIT
002	12/00	JAC	JAC	JAC	ISSUED FOR PERMIT
003	12/00	JAC	JAC	JAC	ISSUED FOR PERMIT
004	12/00	JAC	JAC	JAC	ISSUED FOR PERMIT
005	12/00	JAC	JAC	JAC	ISSUED FOR PERMIT
006	12/00	JAC	JAC	JAC	ISSUED FOR PERMIT
007	12/00	JAC	JAC	JAC	ISSUED FOR PERMIT
008	12/00	JAC	JAC	JAC	ISSUED FOR PERMIT
009	12/00	JAC	JAC	JAC	ISSUED FOR PERMIT
010	12/00	JAC	JAC	JAC	ISSUED FOR PERMIT
011	12/00	JAC	JAC	JAC	ISSUED FOR PERMIT
012	12/00	JAC	JAC	JAC	ISSUED FOR PERMIT
013	12/00	JAC	JAC	JAC	ISSUED FOR PERMIT
014	12/00	JAC	JAC	JAC	ISSUED FOR PERMIT
015	12/00	JAC	JAC	JAC	ISSUED FOR PERMIT
016	12/00	JAC	JAC	JAC	ISSUED FOR PERMIT
017	12/00	JAC	JAC	JAC	ISSUED FOR PERMIT
018	12/00	JAC	JAC	JAC	ISSUED FOR PERMIT
019	12/00	JAC	JAC	JAC	ISSUED FOR PERMIT
020	12/00	JAC	JAC	JAC	ISSUED FOR PERMIT
021	12/00	JAC	JAC	JAC	ISSUED FOR PERMIT
022	12/00	JAC	JAC	JAC	ISSUED FOR PERMIT
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098	12/00	JAC	JAC	JAC	ISSUED FOR PERMIT
099	12/00	JAC	JAC	JAC	ISSUED FOR PERMIT
100	12/00	JAC	JAC	JAC	ISSUED FOR PERMIT

PILE SCHEDULE

PILE DESIGNATION	PILE TYPE	PILE SIZE	PILE EXTENSION
P10	VERTICAL	750 OD	EXTD
P11	VERTICAL	750 OD	EXTD
P12	VERTICAL	750 OD	EXTD
P13	VERTICAL	750 OD	EXTD
P14	VERTICAL	750 OD	EXTD
P15	VERTICAL	750 OD	EXTD
P16	VERTICAL	750 OD	EXTD
P17	VERTICAL	750 OD	EXTD
P18	VERTICAL	750 OD	EXTD
P19	VERTICAL	750 OD	EXTD
P20	VERTICAL	750 OD	EXTD
P21	VERTICAL	750 OD	EXTD
P22	VERTICAL	750 OD	EXTD
P23	VERTICAL	750 OD	EXTD
P24	VERTICAL	750 OD	EXTD
P25	VERTICAL	750 OD	EXTD
P26	VERTICAL	750 OD	EXTD
P27	VERTICAL	750 OD	EXTD
P28	VERTICAL	750 OD	EXTD



JACOBS

2700 Quaker Street, Suite 100
 Houston, Texas 77058
 Tel: 281.416.2500
 Fax: 281.416.2501
 www.jacobs.com

PROJECT NUMBER: 25877-000-80-8910-05-06
 DATE: 00C

PROJECT NAME: Rio Tinto
 SOUTH OF EMBLEY PROJECT
 BOND PLAN - 22.8 MULTI-PA
 TOTAL WORKS PERMIT MARINE WORKS
 PILING PLAN

NO.	DATE	BY	CHKD	SCALE	DATE
01	12/15/05	JAC	SM	1:250	
02	1/11/06	JAC	SM	1:250	
03	1/11/06	JAC	SM	1:250	
04	1/11/06	JAC	SM	1:250	
05	1/11/06	JAC	SM	1:250	
06	1/11/06	JAC	SM	1:250	
07	1/11/06	JAC	SM	1:250	

REVISIONS:

NO.	DATE	BY	CHKD	DESCRIPTION
01	12/15/05	JAC	SM	ISSUED FOR PERMIT
02	1/11/06	JAC	SM	ISSUED FOR PERMIT
03	1/11/06	JAC	SM	ISSUED FOR PERMIT
04	1/11/06	JAC	SM	ISSUED FOR PERMIT
05	1/11/06	JAC	SM	ISSUED FOR PERMIT
06	1/11/06	JAC	SM	ISSUED FOR PERMIT
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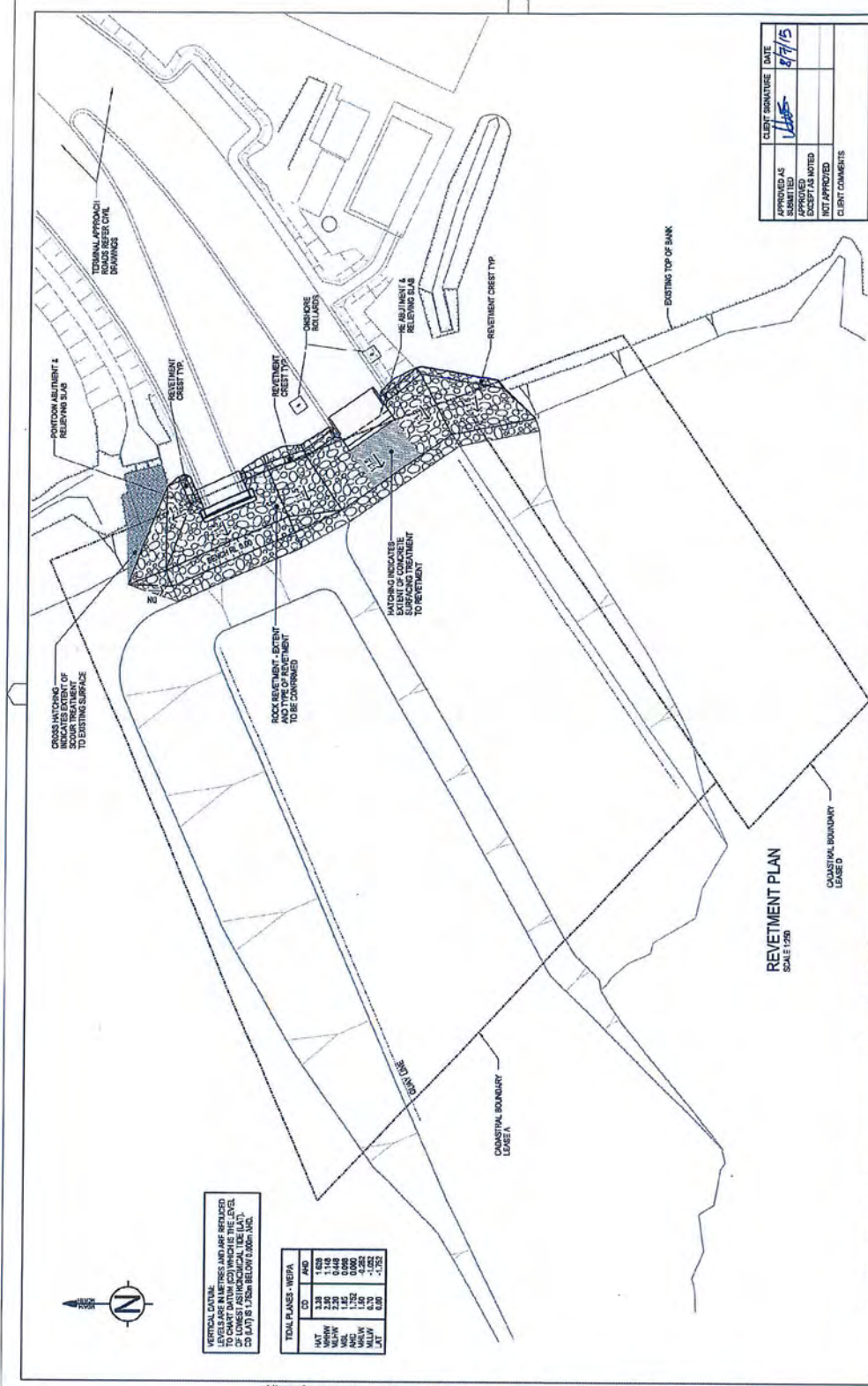
SCALE 1:250 (MILLIMETRES)

FOR INFORMATION

10000 5000 0 5000 10000 15000

REVISIONS: 01/11/06

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VERTICAL DATUM:
 ALL ELEVATIONS ARE REFERRED TO
 TO CHSFT DATUM WHICH IS AN
 OF LOWEST ASTINOMICAL TIDE (LAT.)
 TO (LAT) IS 1.750m BELOW 0.000m IND.

TOTAL PLANS - WEPIA	
ID	AND
NOV	1.470
NOV	2.330
NOV	2.200
NOV	0.448
NOV	1.150
NOV	0.000
NOV	0.100
NOV	-0.282
NOV	0.000
NOV	-1.352

APPROVED AS	DATE
APPROVED	1/16/15
APPROVED	8/7/15
APPROVED	
APPROVED	

CLIENT SIGNATURE: [Signature]
 DATE: 8/7/15

JACOBS
 CONSULTING ENGINEERS
 3000 BAYVIEW BOULEVARD
 SUITE 200
 IRVING, TEXAS 75039-2001
 TEL: 972.418.8400
 FAX: 972.418.8400
 WWW.JACOBS.COM

RioTinto Alcan
 SOUTH OF EMLEY PROJECT
 BOYO PLANT - 22.8 MDP/PA
 FISHING POINT BARRAGE TERMINAL
 PONTON ABUTMENT & RECEIVING TROUGH
 REVETMENT P.A.I.

PROJECT NO. 25977-000-S0-5810-05107
 REV: 000

DATE: 1/16/15
 DATE: 1/16/15
 DATE: 1/16/15
 DATE: 1/16/15
 DATE: 1/16/15
 DATE: 1/16/15

ISSUED FOR CLIENT APPROVAL
 1/16/15

ISSUED FOR INFORMATION
 1/16/15

ISSUED FOR INFORMATION
 1/16/15

ISSUED FOR INFORMATION
 1/16/15

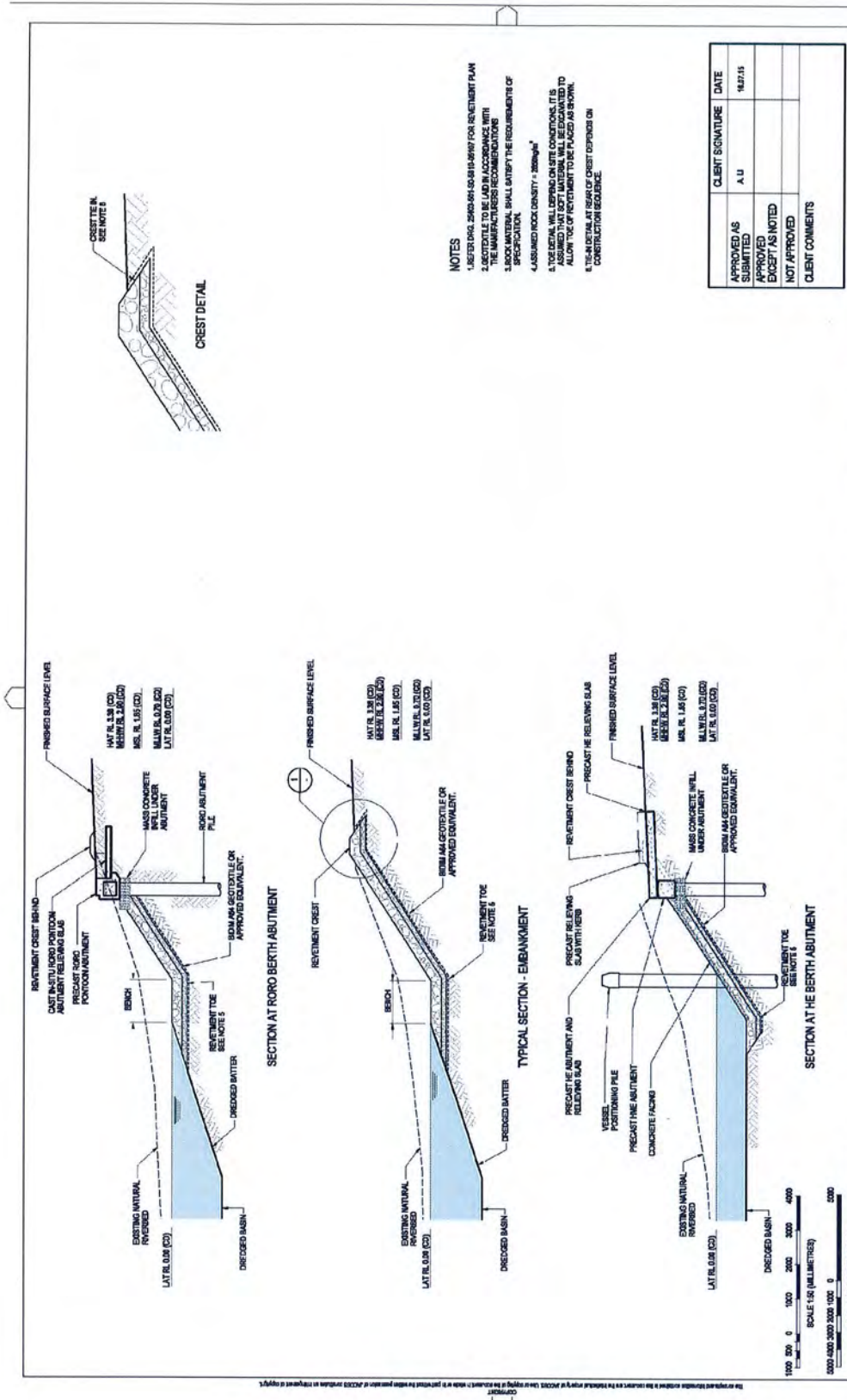
ISSUED FOR INFORMATION
 1/16/15

ISSUED FOR INFORMATION
 1/16/15

ISSUED FOR INFORMATION
 1/16/15

ISSUED FOR INFORMATION
 1/16/15

ISSUED FOR INFORMATION
 1/16/15



- NOTES**
1. SEE NOTES 200-205 ON SHEET FOR RELEVANT PLAN
 2. GEOTEXTILE TO BE LAPPED ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS
 3. ROCK MATERIAL SHALL SATISFY THE REQUIREMENTS OF SPECIFICATION
 4. ASSUMED ROCK DENSITY = 2000kg/m³
 5. TOE DETAIL WILL DEPEND ON SITE CONDITIONS. IT IS ASSUMED THAT SOFT MATERIAL WILL BE EXCAVATED TO ALLOW TOE OF RETENTION TO BE PLACED AS SHOWN.
 6. UTILITY DETAIL AT REAR OF CREST DEPENDS ON CONSTRUCTION SEQUENCE.

APPROVED AS SUBMITTED	CLIENT SIGNATURE	DATE
	A. U.	14/2/15
APPROVED EXCEPT AS NOTED		
NOT APPROVED		
CLIENT COMMENTS		

JACOBS | SOUTH OF EMBLEY PROJECT | SOUTH OF EMBLEY PROJECT | SOUTH OF EMBLEY PROJECT | SOUTH OF EMBLEY PROJECT

ISSUED FOR CLIENT APPROVAL | ISSUED FOR CLIENT APPROVAL | ISSUED FOR CLIENT APPROVAL | ISSUED FOR CLIENT APPROVAL

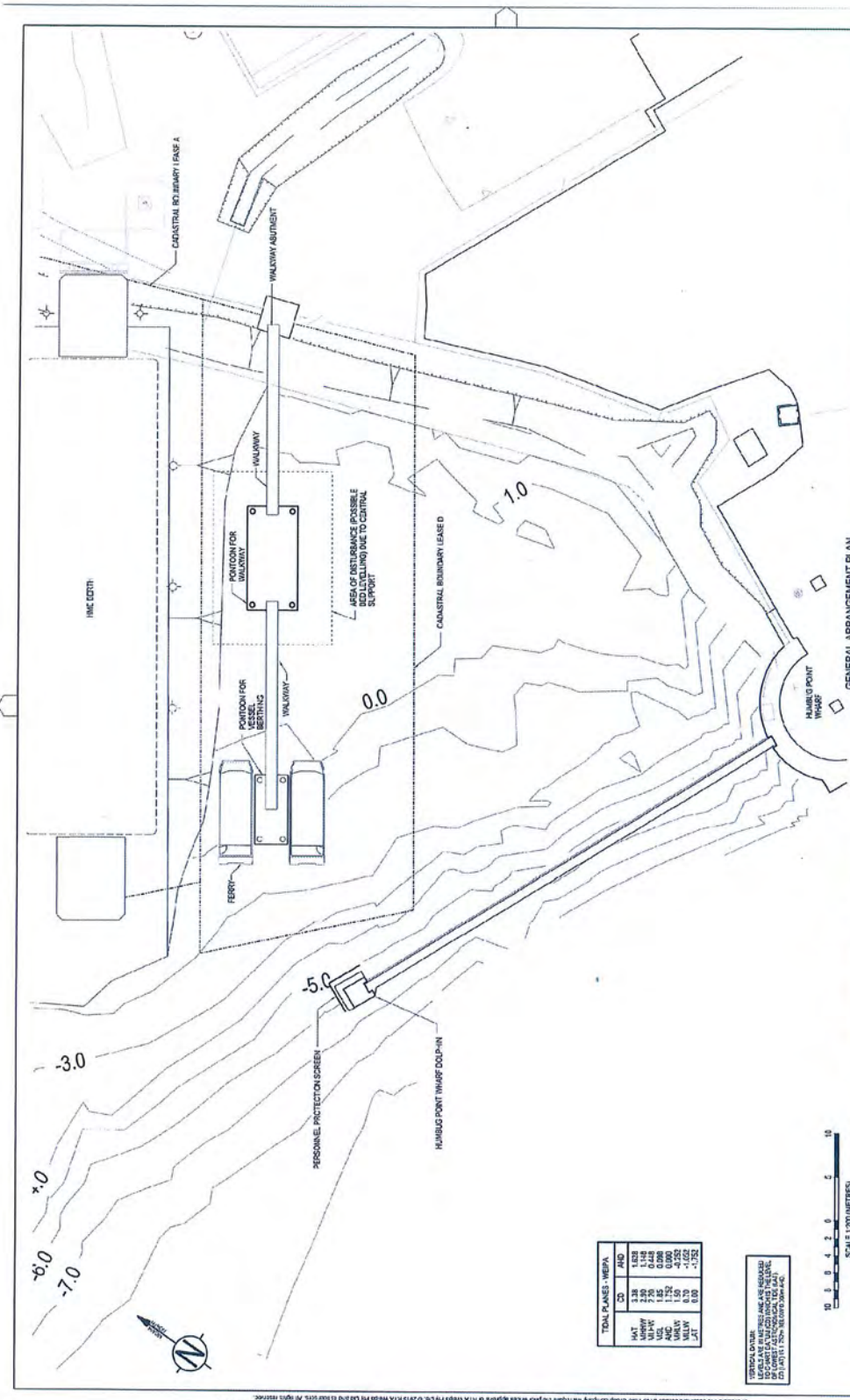
DATE: 14/02/15 | SCALE: 1:50 (MILLIMETERS) | SCALE: 1:50 (MILLIMETERS) | SCALE: 1:50 (MILLIMETERS) | SCALE: 1:50 (MILLIMETERS)

FOR INFORMATION ONLY

PROJECT NO: 25971-000-SO-5810-DG-05108 | SHEET NO: 008

CLIENT: Rio Tinto Alcan | PROJECT: SOUTH OF EMBLEY PROJECT | SHEET: SOUTH OF EMBLEY PROJECT | SHEET: SOUTH OF EMBLEY PROJECT

DATE: 14/02/15 | SCALE: 1:50 (MILLIMETERS) | SCALE: 1:50 (MILLIMETERS) | SCALE: 1:50 (MILLIMETERS) | SCALE: 1:50 (MILLIMETERS)



TOTAL PLANES - WEIPA	
NO	AREA
1	1.28
2	1.00
3	0.41
4	0.08
5	0.00
6	0.00
7	0.00
8	0.00
9	0.00
10	0.00
11	0.00
12	0.00
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95	0.00
96	0.00
97	0.00
98	0.00
99	0.00
100	0.00

VERTICAL CURVES
 LEVELS ARE IN METERS AND ARE INDICATED BY THE NUMBER OF THE CURVE. THE CURVE IS IDENTIFIED BY THE NUMBER OF THE CURVE. THE CURVE IS IDENTIFIED BY THE NUMBER OF THE CURVE. THE CURVE IS IDENTIFIED BY THE NUMBER OF THE CURVE.

SCALE 1:200 (METERS)

FOR INFORMATION ONLY

JACOBS

South Coast Development Pty Ltd
 100/100 South Coast Highway
 Southport, Queensland 4215
 Australia

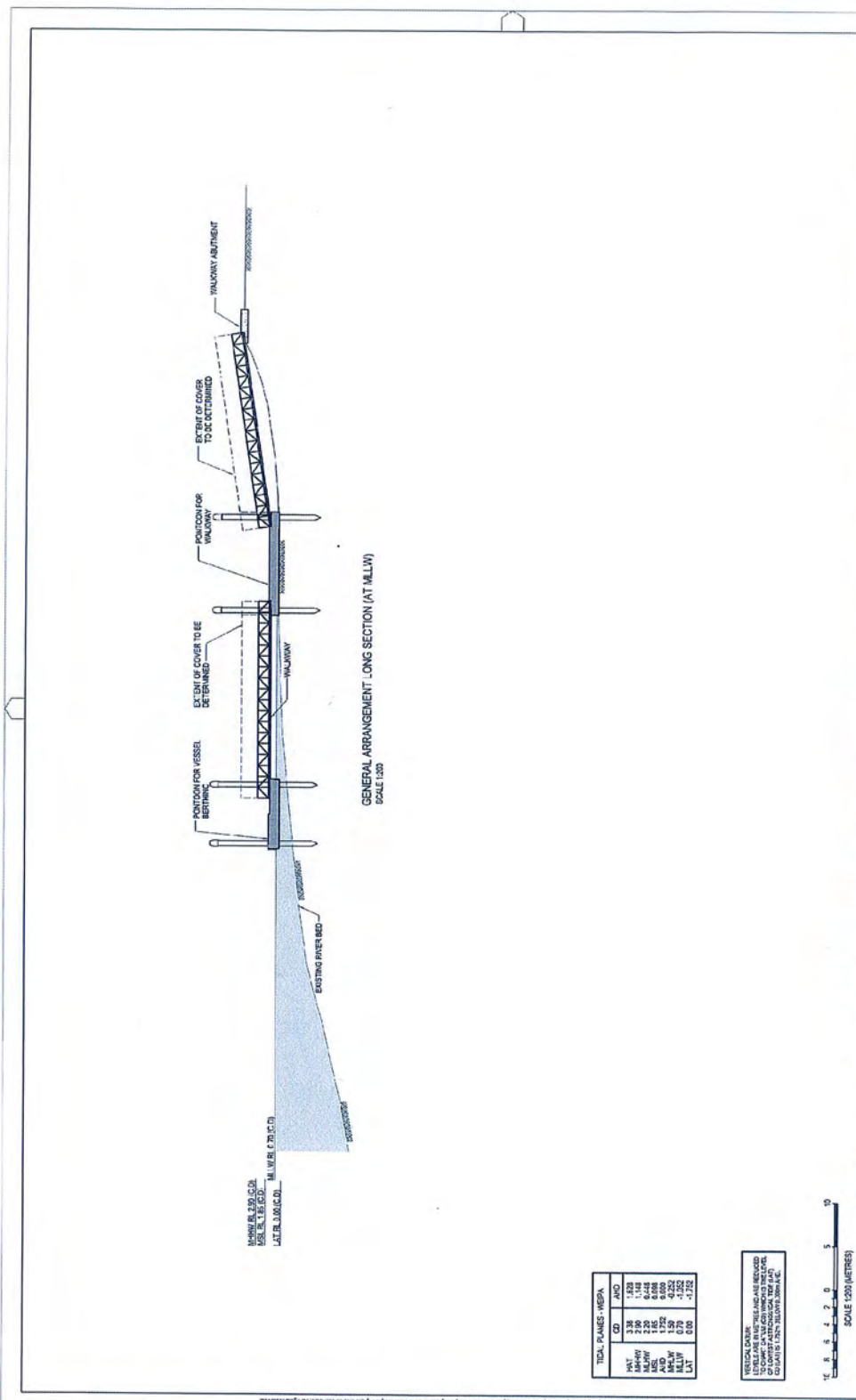
Project No: 25977-000-80-5910-05115
 Drawing No: 25977-000-80-5910-05115
 Scale: 1:200

Rio Tinto

SOUTH OF EMBLEY PROJECT
BOYD PLANT - 22.8 MDT/PA
TOTAL WORKS REPORT IMPACT STUDY
FERRY BERTH - PLAN

DATE: 15/12/15
 DATE CHECKED: 15/12/15
 DESIGNED BY: [Signature]
 CHECKED BY: [Signature]
 APPROVED BY: [Signature]

PROJECT NO: CAL 01-5810-ES-DWG-00346
 DRAWN BY: [Signature]
 DATE: 15/12/15



GENERAL ARRANGEMENT LONG SECTION (AT MLLW)
SCALE 1:300

TOTAL QUANTITIES - MDSN	
QTY	UNIT
183	CU M
230	M
1	NO
1	NO
1	NO
0.79	M
0.00	M
-2.752	M

VERTICAL DATA
TO BE CHECKED
TO CORRECT FOR
MISPLACEMENT
OF DATA IS 1:200 (RELATIVE TO MLLW)



FOR INFORMATION ONLY

JACOBS		PROJECT NUMBER: 25977-000-S0-S010-05116		REV	00B
Jacobs Group Limited Pty Ltd 25 Market Street Melbourne, VIC 3000		PROJECT NUMBER: 25977-000-S0-S010-05116		REV	00B
SOUTH OF EMBLEY PROJECT BOYD PLANT - 22.8 MDTPIA TIDAL WORKS PERMIT MARINE WORKS FERRY BERTH SECTION		RioTinto		RioTinto Pty Ltd 400 St Albans Rd St Albans, VIC 3023	
DESIGNED BY	SAJ/S	DATE	18/12/15	PROJECT TITLE	
CHECKED BY	SAJ/S	DATE	18/12/15	PROJECT NUMBER	
APPROVED BY	SAJ/S	DATE	18/12/15	PROJECT DESCRIPTION	
REV	DATE	BY	DESCRIPTION	PROJECT LOCATION	
1	18/12/15	SAJ/S	ISSUE FOR CLIENT APPROVAL	PROJECT PHASE	
2	18/12/15	SAJ/S	ISSUE FOR CLIENT APPROVAL	PROJECT STATUS	
3	18/12/15	SAJ/S	ISSUE FOR CLIENT APPROVAL	PROJECT BUDGET	
4	18/12/15	SAJ/S	ISSUE FOR CLIENT APPROVAL	PROJECT RISK	
5	18/12/15	SAJ/S	ISSUE FOR CLIENT APPROVAL	PROJECT COST	



Our reference: SDA-0815-023193
Your reference: CAL.01-5810-HH-LTR-00006


Attn: SARA Far North QLD

**Written agreement for the Department of Infrastructure, Local Government and
Planning to amend its concurrence agency response**
(Given under section 290(1)(b)(i) of the *Sustainable Planning Act 2009*)

Port: Port of Weipa
Real property description: Lot 14 on SP120446 and Lot 29 on SP116854
Assessment manager reference: PL/06/02/00005/01

As the applicant of the above development application, I hereby agree to the amended concurrence agency response provided to me in the notice dated **26 November 2015**.

Name of applicant: RTA Weipa Pty Ltd _____

Signature of applicant:  _____

Date: 1/12/15 _____

ATTACHMENT 5 – COORDINATOR GENERAL’S CONDITIONS

Appendix 3 - Part A - Schedule 1 (Operational Works – Terminal Tidal Works – Development Approval)

- C1 All temporary works associated with the construction are to be removed from the site at the completion of the works, unless otherwise authorised by DEHP, and all wastes shall be collected from the site by the permit holder and disposed of at a licensed waste facility.
- C2 Once a barge has berthed on the ramp, the vessel’s propulsion system must be minimised to the extent practicable and safe to reduce the risk of disturbance to the seabed during loading/ unloading operations.
- C3 Erosion protection measures and sediment control measures must be implemented and maintained to minimise erosion and the release of sediment and contamination of stormwater as described in the Erosion and Sediment Control Plan.
- C4 The holder of this authority must remove any material, other than that from authorised activities, that is deposited outside of the alignment of the works shown on the approved plans or any debris that falls or is deposited on tidal lands or into tidal waters as a result of construction of the works.
- C5 All rock, stone, gravel, sand or other fill material used in reclamation and construction of the revetment wall must be:
- a) suitable for the purpose having regard to the location of the land and to the proposed use of the land.
 - b) free from contaminants that may cause environmental harm.
- C6 All reasonable and practicable measures must be taken to prevent polluting adjacent waters as a result of silt run-off, oil and grease spills from machinery, and concrete truck washout. Concrete agitator wash out must only be conducted in a specified area to facilitate reuse or the removal of waste concrete from the area to landfill. Wastewater from cleaning equipment must not be discharged directly or indirectly to any watercourses or stormwater systems unless otherwise authorised.
- C7 The development must maintain local and regional drainage and hydrological systems, other than to the extent provided for under the approved plans.
- C8 The development must not result in a change in water chemistry that will impact on ecological values on or off site.
- C9 Acid sulphate soils must be managed such that contaminants are not directly or indirectly released to any waters.
- C10 The State Planning Policy 2/02 Guideline: Planning and Managing Development Involving Acid Sulphate Soils and the latest edition of any relevant Guidelines must be complied with when treating and managing acid sulphate soils.
- C11 The operator must:
- a) ensure that the construction of the works are carried out using suitable plant and equipment and that measures are taken to limit turbidity in tidal waters as a result of the construction.
 - b) ensure that the disturbance to the bed and banks of the waterway is kept to a minimum.
 - c) take all appropriate measures to minimise pollution of tidal waters as a result of silt runoff, and the discharge of other contaminants, such as fuel, oil and hydraulic fluid to the waterway during construction of the works.
 - d) assess the area with regards to the occurrence of acid sulphate soils, where any excavations are made in or adjacent to tidal land or waters. If these soils are found

to be present, then action must be undertaken to minimise the impact these soils will have on the water quality of the waterway.

- e) restore the bank to its former condition and take such other action as is necessary to ensure the stability of the bank, if as a result of carrying out the works, or any other cause attributable to the works, any bank adjacent to the works is displaced or affected by erosion.

Appendix 3 – Part A - Schedule 3 – Coordinator General’s specific conditions for all MCU and Tidal Operational Works Approvals

Condition 1 – Dredging and Marine Works

- 1 (b) Marine works (excluding dredging) must be undertaken in accordance with a marine works environmental management plan (marine works EMP) and be approved by DEHP prior to the marine works commencing.
- 1 (c) DEHP and DAFF (FQ) shall be consulted in the preparation of all final DMP/s and marine works EMPs and NQBP shall also be consulted in the preparation of the final DMP/s and marine works EMP in the Embley River.

Condition 2 – Marine Plants and Fish Habitat

- 2 (a) For any construction and operational tidal works requiring the removal or damage of marine plants as defined under the *Fisheries Act 1994*, (Fisheries Act) RTAW must submit an application for approval of marine plant disturbance to DAFF (FQ), if required, prior to any works commencing.
- 2 (b) RTAW must submit surveys to DAFF (FQ) that determine the extent of any seagrass that will be disturbed, both temporarily and permanently.
- 2 (c) RTAW must:
 - (i) report on implementation of the Dredge Management Plan(s) for the river facilities to the NQBP Technical Advisory and Consultative Committee for the Port of Weipa.
 - (ii) Establish a technical advisory group which must include representatives from DEHP and DAFF (FQ) for dredging at the South of Embley port. RTAW must report to the group on proposed dredging activities for the Port and implementation of the Dredge Management Plan(s) for the South of Embley port, including monitoring results, management triggers and response actions. The group will assist in the establishment, where appropriate, of longer term management for the maintenance dredging program.
- 2 (d) RTAW shall enter into a Deed of Agreement with the chief executive, managing the Fisheries Act, or his delegate, within three months of FID, to ensure that all impacts to marine plants and tidal lands are offset in a way that is mutually acceptable to DAFF (FQ) and the proponent, and is in line with Fisheries Queensland Policy, *FHMOP 005 Mitigation and compensation for activities and works causing marine fish habitat loss* and the fact sheet, *Offset Measures for Marine Fish Habitats*.