

## Decision Notice

*Sustainable Planning Act 2009 s.334*

4 July 2016

Mr Ben Woodman  
 Project Engineer  
 North Queensland Bulk Ports Corporation  
 GPO Box 409  
 Brisbane  
 QLD 4001

Dear Mr Woodman,

### **DEVELOPMENT PERMIT FOR OPERATIONAL WORK (TIDAL WORKS) ON LANDS DESCRIBED AS LOT 52 ON HR 1732 AND LOT 54 ON SP243724 AT THE PORT OF ABBOT POINT**

Assessment Manager Reference: PL/02/02/00003/3  
 Applicant's Reference: PL/02/02/00003

I refer to your submissions received by North Queensland Bulk Ports Corporation Ltd (NQBP) on 24 May 2016 seeking approval for Operational works (Tidal Works) at the Port of Abbot Point.

On 1 July 2016, the State Assessment and Referral Agency provided concurrence agency conditions and it is noted that you have subsequently provided a written notice to that agency that you do not intend to take action under either sections 320 and 321 of the *Sustainable Planning Act 2009*.

Pursuant to section 334 of the *Sustainable Planning Act 2009*, I wish to advise that NQBP has considered your application and on 4 July 2016 this development application was approved in full subject to conditions.

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**

<p><i>Approved Proposal:</i></p>	<p>Operational Works (Tidal Works), namely:</p> <ul style="list-style-type: none"> <li>• Construction of a barge ramp; and</li> <li>• Modifications to an existing Marine Offloading Facility, including realignment of a sheet pile wall; reclamation; and raising the height of the structure.</li> </ul>
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<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

## 2. Property Description of Proposed Development

<i>Port:</i>	Port of Abbot Point
<i>Street Address:</i>	Abbot Point Road, Abbot Point
<i>Real Property Description:</i>	Lot 52 on HR1732 Lot 54 on SP243724

## 3. Referral Agency Responses

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

<i>Attachment</i>	<i>Referral Agency and Address</i>	<i>Advice or Concurrence Agency</i>	<i>Date of Response</i>	<i>Reference Number</i>
3	State Assessment and Referral Agency (SARA)  Address: Mackay Isaac Whitsunday Regional Office DEHP P.O. Box 257 Mackay QLD 4740	Concurrence	1 July 2016	SDA-0516-030601

## 4. Conditions of Approval

The conditions of approval imposed by the assessment manager are provided in Attachment 1.

The conditions of approval imposed by the concurrence agency, the State Assessment and Referral Agency, are provided in Attachment 2.

## 5. Approved Drawings and Documents

The following drawings are approved:

<b>Drawing Name</b>	<b>Drawing No.</b>	<b>Revision &amp; Date</b>
Abbot Point MOF Maintenance & Renewal General Arrangement Proposed Site Plan – Tidal Works	IH088100-DG-0213	Rev. A- 20/5/2016

Abbot Point MOF Maintenance & Renewal Proposed Site Sections & Details – Sheet 1	IH088100-DG-0214	Rev. A – 20/5/2016
Abbot Point MOF Maintenance & Renewal Proposed Site Sections & Detail – Sheet 2	IH088100-DG-0217	Rev. A- 20/5/2016

The approved drawings are provided in the concurrence agency response in Attachment 2.

**6. Approval under s 331**

This application has not been deemed to be approved under section 331 of the *Sustainable Planning Act 2009* (SPA).

**7. Preliminary Approval Affecting the Planning Scheme**

This is not applicable to this approval.

**8. Codes for Self-Assessable Development**

Any self-assessable component of the development approved must comply with the relevant standards identified in NQBP's Sustainable Port Development Guidelines.

**9. Submissions Received**

There was no public notification required for this development application and no submissions on the application were received.

**10. Conflict with Relevant Instrument**

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

**11. Commencement of Development**

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 of the *Sustainable Planning Act 2009*, the approved development must be either completed or substantially commenced within two (2) years of the decision date.

**12. 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:

*s 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.*

### **13. Additional Approvals Required**

This Development Permit is limited to Operational Works on Lot 52 on HR1732 and Lot 54 on SP243724 at the Port of Abbot Point. 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 works approved under this development approval or its use after construction.

If you have any queries regarding the above Development Permit or its conditions, please contact the undersigned on the contact details below.

Yours sincerely



R. Brunner  
**Senior Manager Planning**

Enquiries: Bob Brunner  
Telephone: 07 30117946  
Email: rbrunner@nqbp.com.au  
Doc Reference: E16/12934

## ATTACHMENT 1 – ASSESSMENT MANAGER CONDITIONS

CONDITION	TIMING
<b>General</b>	
1. No site offices or equipment are to be stored or placed on NQBP land without a Permit to Occupy from NQBP, or an NQBP-approved equivalent.	Prior to commencement of project mobilisation
2. The works and site operations 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 agency.	At all times.
3. The proponent is to provide access and assistance to NQBP staff or a delegated representative to assess compliance with conditions in this approval, to undertake an environmental assessment, or other forms of inspections or audits as NQBP deems necessary.	At all times.
4. NQBP must be notified of all community complaints that are received about the works.  Details of any investigations / corrective actions undertaken to address the complaint are to be provided to NQBP as soon as practicable following implementation / completion of these actions.	At all times. Notification is required within 24 hours of the complaint being made.
<b>Engineering</b>	
5. All approved structures must be suitable for the intended use, structurally sound and certified by a Registered Professional Engineer of Queensland.	During design and construction works.
6. Registered Professional Engineer of Queensland certification must be provided to NQBP for the "For Construction" drawing set.	Prior to commencement of construction.
7. 'As Constructed' drawings and design certificates of all new infrastructure and services installed as part of this development are to be submitted to NQBP. This includes works within the development area and any connections external to the lease area. This information is to be prepared and signed by a Registered Professional Engineer of Queensland (RPEQ) and is to be provided electronically in dwg (AutoCAD 12) and dxf formats (including pen plot, xref, ole, block files and any other external references) and in pdf format. Spatial reference datum must be GDA94 / MGA94, height datum must be AHD, and for works below sea level the reference must be port datum. These files must be provided on a suitable CD-R, DVD-R, or USB.	Within six weeks of completion of construction.

<i>Port operations</i>	
8. The proponent is not permitted to adversely impact the effective and efficient operation of the port or the surrounding uses during either construction or use of the facility.	At any time.
9. The proponent will ensure that infrastructure, services, property, assets or utilities are not damaged during the construction or operation of the approved development. If any damage results, the proponent will be required to meet all costs of the remediation / repair to the satisfaction of NQBP and / or the relevant service provider.	At all times.
<i>Construction environmental management plan</i>	
10. A Construction Environmental Management Plan (CEMP) must be provided to NQBP's Environment Group for approval prior to works commencement.  The CEMP must identify all potential sources of environmental harm and provide details of environmental management measures.  The CEMP must, as a minimum, address matters relating to: <ul style="list-style-type: none"> <li>• Weed management;</li> <li>• Waste management;</li> <li>• Erosion and sediment control;</li> <li>• Terrestrial and marine fauna management;</li> <li>• Vegetation clearing; and</li> <li>• Protection of cultural heritage values.</li> </ul>	CEMP to be provided four (4) weeks prior to commencement of construction.
11. Construction activities must be undertaken in accordance with the approved CEMP.	At all times during construction.
<i>Operational management plan</i>	
12. An Operational Management Plan (OMP) must be provided to both NQBP and the Regional Harbour Master for approval.  The OMP must identify all potential sources of environmental harm and provide details of environmental management measures. The OMP must include a plan for management of marine operations and marine traffic.	To be provided to NQBP at least six weeks prior to commencement of any marine operations from the facility.
13. Operations must be undertaken in accordance with the approved OMP.	At all times during operations.
<i>General environmental management</i>	
14. The construction activities or operation of the facility must not cause unlawful environmental nuisance or harm.	At any time.
15. Where potential or actual environmental harm may be caused, NQBP may at any time require the occupier of the place to: <ul style="list-style-type: none"> <li>• Cease an activity;</li> </ul>	At all times.

<ul style="list-style-type: none"> <li>• Implement appropriate impact control measures;</li> <li>• Modify work plans or procedures.</li> </ul>	
<p>16. Any environmental emergency, incident or potentially harmful event must be reported to the Environment Group of NQBP.</p> <p>A written report detailing the following information must be provided to the Environment Group of NQBP:</p> <ul style="list-style-type: none"> <li>• Name of the operator;</li> <li>• Name and telephone number of a designated contact person;</li> <li>• Quantity and substance released;</li> <li>• Person/s involved;</li> <li>• Location and time of the release/event;</li> <li>• Likely cause of release/event;</li> <li>• Effects of the release;</li> <li>• Sampling performed and conclusions drawn;</li> <li>• Actions taken to mitigate any environmental harm; and</li> <li>• Proposed actions to prevent a recurrence.</li> </ul>	<p>At all times.</p> <p>Initial notification is required within 24 hours of the incident or event.</p> <p>A written report is required within 14 days of the incident or event.</p>
<i>Cultural heritage management</i>	
<p>17. NQBP is a party to an Indigenous Land Use Agreement (ILUA) with the Juru People. All works undertaken must comply with obligations under this ILUA.</p>	<p>At all times</p>
<p>18. In carrying out the activity, the applicant must take all reasonable and practicable measures to ensure that it does not harm Aboriginal cultural heritage (the "cultural heritage duty of care"). The applicant will comply with the cultural heritage duty of care guidelines.</p>	<p>At all times.</p>

**ATTACHMENT 2 – CONCURRENCE AGENCY CONDITIONS  
STATE ASSESSMENT AND REFERRAL AGENCY**





Department of Infrastructure,  
Local Government and Planning

Our reference: SDA-0516-030601  
Your reference: PL/02/02/00003

1 July 2016

North Queensland Bulk Ports Corporation  
GPO Box 409  
BRISBANE QLD 4001

Dear Mr Brunner,

**Concurrence agency response—with conditions given under section 285 of the Sustainable Planning Act 2009 on lands described as Lot 52 on HR 1732 and Lot 54 on SP243724 at the Port of Abbot Point**

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 26 May 2016.

**Applicant details**

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Applicant name: North Queensland Bulk Ports Corporation  
Applicant contact details: North Queensland Bulk Ports Corporation  
GPO Box 409, BRISBANE 4001

**Site details**

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Street address: Abbot Point Road, Abbot Point  
Lot on plan: Lot 52 on HR 1732  
Lot 54 on SP243724  
Local government area: Whitsunday Regional Council

**Application details**

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Proposed development: Development Permit for carrying out operational work:  
– Construction of a barge ramp and  
– Modifications to an existing Marine Offload Facility, including realignment of a sheet pile wall, reclamation; and raising the height of the structure.

### 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

### 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.

### 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

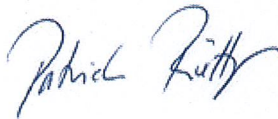
The department requires that the following plans and specifications set out below and in Attachment 4 must be attached to any development approval.

Drawing/Report Title	Prepared by	Date	Reference no.	Version/Issue
<b>Aspect of development: Operational Works</b>				
Abbot Point MOF Maintenance and Renewal General Arrangement Proposed Site Plan – Tidal Works	Jacobs Group (Australia) Pty Ltd	20 May 2016	IH088100-DG-0213	REV A
Abbot Point MOF Maintenance and Renewal Proposed Site Sections and Details – Sheet 1	Jacobs Group (Australia) Pty Ltd	20 May 2016	IH088100-DG-0214	REV A
Abbot Point MOF Maintenance and Renewal Proposed Site Sections and Details – Sheet 2	Jacobs Group (Australia) Pty Ltd	20 May 2016	IH088100-DG-0217	REV A

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

For further information, please contact Megan Rosenberg, Principal Planner, Mackay Isaac Whitsunday Office on (07) 4898 6817 or email [megan.rosenberg@dilgp.qld.gov.au](mailto:megan.rosenberg@dilgp.qld.gov.au) who will be pleased to assist.

Yours sincerely



Patrick Ruettjes  
Manager (Planning) - Mackay Isaac Whitsunday

cc: North Queensland Bulk Ports Corporation  
GPO Box 409, BRISBANE 4001  
[bwoodman@nqbp.com.au](mailto:bwoodman@nqbp.com.au)

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-0516-030601

Your reference: PL/02/02/00003

**Attachment 1—Conditions to be imposed**

No.	Conditions	Condition timing
<p>Schedule 7, Table 2, Item 15 – work 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 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):</p>		
1.	<p>(a) Provide written notice to the Regional Harbour Master, Marine Operations (Townsville Region), Maritime Safety Queensland, Department of Transport and Main Roads, 60 Ross Street, Townsville Qld 4810   GPO Box 1921, Townsville Qld 4810, P: (07) 4421 8100, F: (07) 4721 2028, E: <a href="mailto:RHMTownsville@msq.qld.gov.au">RHMTownsville@msq.qld.gov.au</a> when the development authorised under this approval is scheduled to commence.</p> <p>(b) Each notice must state this permit number, the location and name of registered place and the condition number under which the notice is being given.</p>	<p>(a) 2 weeks prior to commencement; and (b) Within two (2) weeks of the completion of works.</p>
2.	<p>(a) Survey(s) of the authorised dredging area must be conducted on completion and a copy of the resulting survey plan(s) must be provided to the Regional Harbour Master, Marine Operations (Townsville Region), Maritime Safety Queensland, Department of Transport and Main Roads, 60 Ross Street, Townsville Qld 4810   GPO Box 1921, Townsville Qld 4810, P: (07) 4421 8100, F: (07) 4721 2028, E: <a href="mailto:RHMTownsville@msq.qld.gov.au">RHMTownsville@msq.qld.gov.au</a>.</p> <p>(b) The survey must be conducted to class A survey standards.</p>	<p>Within two (2) weeks of the completion of the works.</p>
3.	<p>As Constructed” drawings of the approved structure must be provided to Regional Harbour Master, Marine Operations (Townsville Region), Maritime Safety Queensland, Department of Transport and Main Roads, 60 Ross Street, Townsville Qld 4810   GPO Box 1921, Townsville Qld 4810, P: (07) 4421 8100, F: (07) 4721 2028, E: <a href="mailto:RHMTownsville@msq.qld.gov.au">RHMTownsville@msq.qld.gov.au</a></p>	<p>Within two (2) weeks of the completion of the works.</p>
4.	<p>All vessels, structures, plant and equipment associated with the construction of the approved works must be lit/marked in accordance with the following specifications and requirements such that undertaking the construction works does not cause a risk to the safe navigation of ships:</p> <ul style="list-style-type: none"> <li>• Floating plant and equipment is to be lit in accordance with the International Regulations for the Prevention of Collision at Sea.</li> <li>• Mooring buoys are to be lit in accordance with IALA recommendations.</li> <li>• Lighting must be provided in accordance with <i>Section 3 of AS4282-1997 'Control of the obtrusive effects of outdoor lighting' to ensure safe navigation of other ships.</i></li> </ul>	<p>While the works are occurring.</p>

No.	Conditions	Condition timing
	Lighting provided must not obscure, disguise or otherwise interfere with the effectiveness of navigational lighting.	
5.	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 at Marine Operations (Townsville Region), Maritime Safety Queensland, Department of Transport and Main Roads, Ground Floor, Townsville - Ross Street, 60 Ross Street, Townsville Qld 4810 GPO Box 1921, Townsville Qld 4810, P: (07) 4421 8100, F: (07) 4721 2028, E: <a href="mailto:RHMTownsville@msq.qld.gov.au">RHMTownsville@msq.qld.gov.au</a> .	At all times.
6.	Any debris or similar obstruction encountered whilst undertaking the work must be disposed of at the applicant's cost.	While the works are occurring.
Schedule 7, Table 2, Item 13 – work 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 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):		
7.	The development must be carried out generally in accordance with the following plans: <ol style="list-style-type: none"> <li>1. Drawing Number IH088100-DG-0213 Rev A, titled Abbot Point MOF Maintenance &amp; Renewal General Arrangement Proposed Site Plan – Tidal Works prepared by Jacobs dated 20/05/2016.</li> <li>2. Drawing Number IH088100-DG-0214 Rev A, titled Abbot Point MOF Maintenance &amp; Renewal Proposed Site Sections &amp; Details – Sheet 1 prepared by Jacobs dated 20/05/2016.</li> <li>3. Drawing Number IH088100-DG-0217 Rev A, titled Abbot Point MOF Maintenance &amp; Renewal Proposed Site Sections &amp; Details – Sheet 2 prepared by Jacobs dated 20/05/2016.</li> </ol>	For the duration of works.
8.	For the proposed works only use materials which are free from contaminants as defined under section 11 of the <i>Environmental Protection Act 1994</i> .	For the duration of the works the subject of this approval.
9.	Erosion and sediment control measures are to be installed and maintained to prevent the release of sediment to tidal waters.	For the duration of the works the subject of this approval.
10.	Submit RPEQ certification confirming that the development has been constructed in accordance with relevant Australian Standards.  A copy of the certification must be provided to <a href="mailto:palm@ehp.qld.gov.au">palm@ehp.qld.gov.au</a> or mail to  Department of Environment and Heritage Protection Permit and License Management	Within two (2) weeks of the completion of the works.

No.	Conditions	Condition timing
	Implementation and Support Unit GPO Box 2454 Brisbane Qld 4001	
11.	As a result of works the subject of this approval any disturbed or oxidised acid sulphate soil must be treated and managed in accordance with the current <i>Queensland Acid Sulfate Soil Technical Manual: Soil management guidelines</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.
12.	<p>a) An <b>appropriately qualified person(s)</b> must prepare a construction management plan, incorporating but not limited to the "Management Measures" in section 4 of North Queensland Bulk Ports Corporation, Report for Abbot Point Marine Offloading Facility, Tidal Works Supporting Information dated 20 May 2016.</p> <p>b) An appropriately qualified person(s) must implement the construction management plan and</p> <p>c) A copy of the construction management plan must be submitted upon request to the administering authority.</p> <p><b>Appropriately qualified person(s)</b> means a person or persons who has professional qualifications, training, skills and experience relevant to the requirement and can give authoritative assessment, advice and analysis in relation to the requirement using the relevant protocols, standards, methods or literature.</p>	<p>a) Prior to construction.</p> <p>b) For the duration of the works subject to this approval.</p> <p>c) Prior and during construction works.</p>
13.	<p>a) Works must cease if turtles are either likely to be struck or captured or are observed within 50m of the construction site.</p> <p>b) The Department of Environment and Heritage Protection (1300 130 372) must be immediately notified of any turtle captures by the works, or of injury to any marine species of conservation significance such as turtles.</p>	At all times during construction works.
14.	Construction must only occur during day light hours. No artificial lighting is to be used during construction.	At all times during construction works.

Our reference: SDA-0516-030601

Your reference: PL/02/02/00003

## **Attachment 2—Reasons for decision to impose conditions**

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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 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 that at all times, all lights on or above the development site do not interfere with safe navigation in surrounding waterways.
- To ensure that the development does not interfere with any existing aids to navigation.
- To ensure the development does not encroach on the navigable waterway in a way that impedes the safe passage of vessels.
- To ensure the development avoids or minimises adverse impacts on coastal resources and their values.
- To mitigate the effects of construction on the marine environment.
- To ensure the development minimises impacts on turtles.
- To ensure the tidal works located are safe and fit for purpose.
- To ensure any disturbance to acid sulphate soils is managed to prevent impacts to coastal environments.

Our reference: SDA-0516-030601

Your reference: PL/02/02/00003

### **Attachment 3—Further advice**

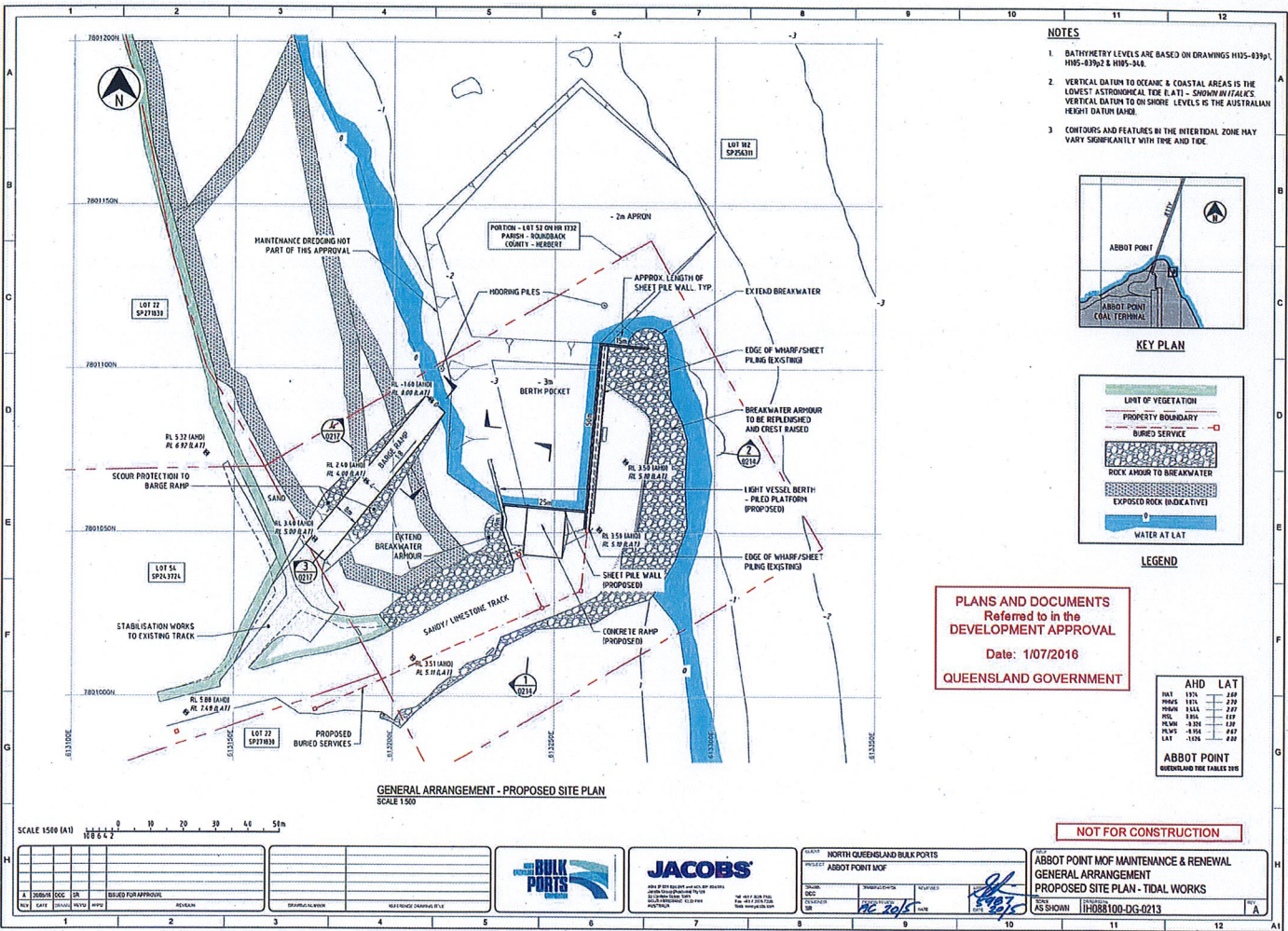
<b>Maintenance of safe navigation</b>	
1.	Consult with Regional Harbour Master, Marine Operations (Townsville Region), Maritime Safety Queensland, Department of Transport and Main Roads, with regards to installation of navigational aids for vessels intending to navigate to/from the facility three weeks prior to the commencement of the works.
2.	Due to the proximity of working berths, construction must be undertaken in accordance with a Traffic Management Plan approved by the Regional Harbour Master. The Traffic Management Plan will be implemented to facilitate safe access in the vicinity of the works for all ships and maritime construction equipment (ships).
3.	The applicant is advised to comply with the latest version of the "Standard for Marine Construction Activities Within the Port of Abbot Point" currently version 7 dated 13/01/2015.
4.	The applicant is advised to comply with the latest version of the "Guide for prevention of ship-sourced pollution and for the safe transfer of bunkers in Queensland waters".



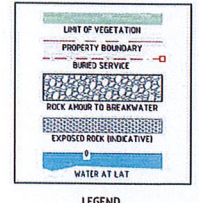
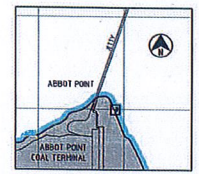
Our reference: SDA-0516-030601  
Your reference: PL/02/02/00003

**Attachment 4—Approved plans and specifications**

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- NOTES**
- BATHYMETRY LEVELS ARE BASED ON DRAWINGS H105-039p1, H105-039p2 & H105-348.
  - VERTICAL DATUM TO OCEANIC & COASTAL AREAS IS THE LOWEST ASTRONOMICAL TIDE (LAT) - SHOWING/FALLS VERTICAL DATUM TO ON SHORE LEVELS IS THE AUSTRALIAN HEIGHT DATUM (AHD).
  - CONTOURS AND FEATURES IN THE INTERTIDAL ZONE MAY VARY SIGNIFICANTLY WITH TIDE AND TIDE.



**PLANS AND DOCUMENTS**  
 Referred to in the  
**DEVELOPMENT APPROVAL**  
 Date: 1/07/2016  
**QUEENSLAND GOVERNMENT**

AHD	LAT
MSL	1.074
HHWS	1.021
HWWS	0.971
MSL	0.921
HHWS	0.871
HWWS	0.821
MSL	0.771
HHWS	0.721
HWWS	0.671
MSL	0.621
HHWS	0.571
HWWS	0.521

**ABBOT POINT**  
 QUEENSLAND GOVERNMENT

SCALE 1:500 (A1)  
 0 10 20 30 40 50m

NO.	DATE	BY	CHKD BY	DESCRIPTION

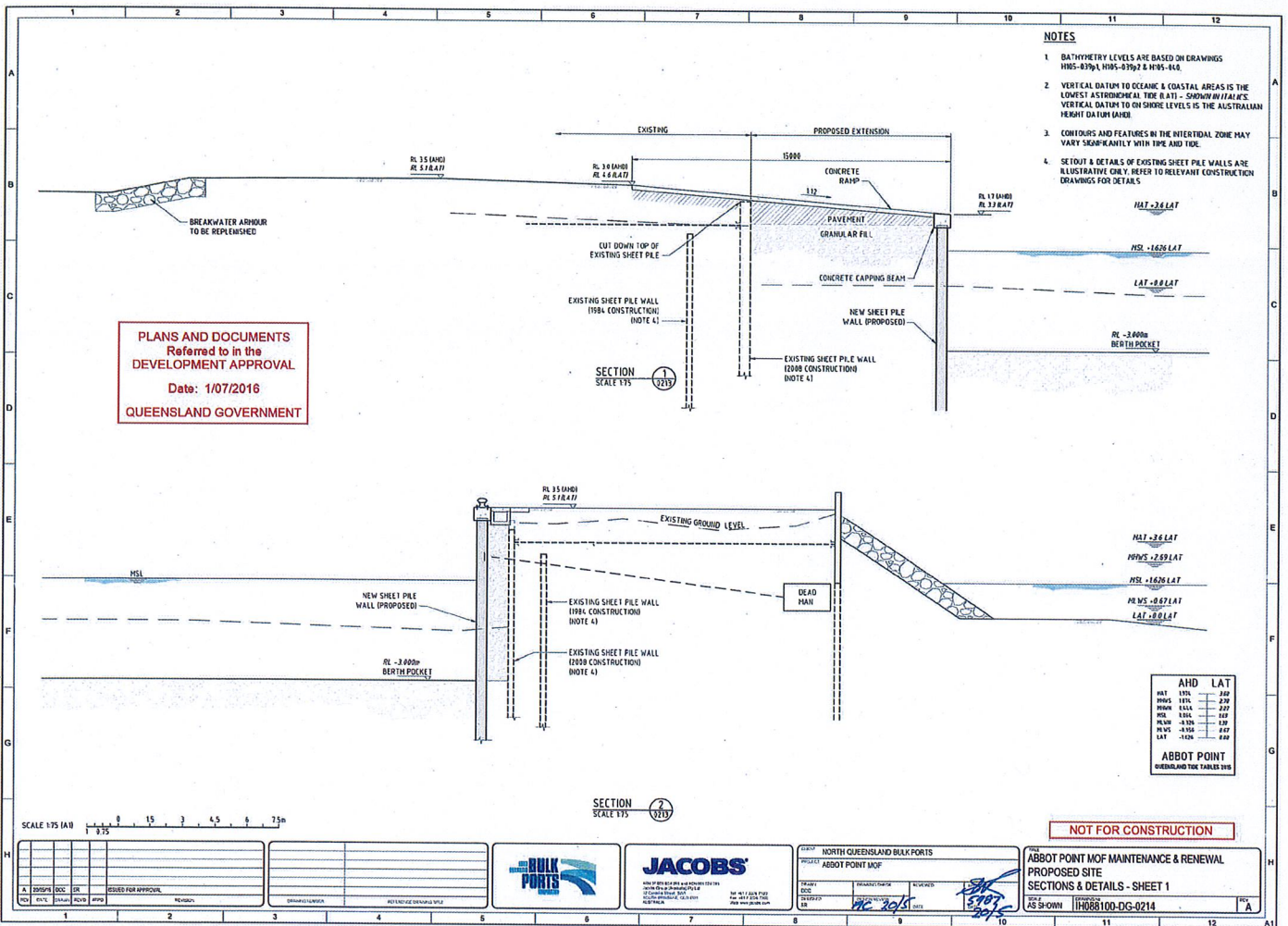


NORTH QUEENSLAND BULK PORTS	
PROJECT: ABBOT POINT MOF	
DATE: 1/07/2016	REVISED: 1/07/2016
BY: [Signature]	CHKD: [Signature]
SCALE: AS SHOWN	DATE: 1/07/2016

**NOT FOR CONSTRUCTION**

ABBOT POINT MOF MAINTENANCE & RENEWAL  
 GENERAL ARRANGEMENT  
 PROPOSED SITE PLAN - TIDAL WORKS

SCALE: AS SHOWN | I1088100-DG-0213



**PLANS AND DOCUMENTS**  
 Referred to in the  
**DEVELOPMENT APPROVAL**  
 Date: 1/07/2016  
**QUEENSLAND GOVERNMENT**

- NOTES**
- BATHYMETRY LEVELS ARE BASED ON DRAWINGS HNS-839A, HNS-839B & HNS-840.
  - VERTICAL DATUM TO OCEANIC & COASTAL AREAS IS THE LOWEST ASTRONOMICAL TIDE (LAT) - SHOWN IN ITALICS. VERTICAL DATUM TO ON SHORE LEVELS IS THE AUSTRALIAN HEIGHT DATUM (AHD).
  - CONTOURS AND FEATURES IN THE INTERTIDAL ZONE MAY VARY SIGNIFICANTLY WITH TIDE AND TIME.
  - SETOUT & DETAILS OF EXISTING SHEET PILE WALLS ARE ILLUSTRATIVE ONLY. REFER TO RELEVANT CONSTRUCTION DRAWINGS FOR DETAILS.

	AHD	LAT
MHW	107.4	249
MLW	105.4	229
MSL	106.4	227
MLSL	105.4	189
MLSL	105.4	139
MLSL	105.4	89
LAT	102.4	89

**ABBOT POINT**  
QUEENSLAND TIDE TABLES 815

SCALE 1:75 (A/B)

SECTION 2  
 SCALE 1:75

**NOT FOR CONSTRUCTION**

NO.	DATE	BY	CHKD BY	REVISION
1				

DATE	ISSUED FOR APPROVAL	REVISION



PROJECT: ABBOT POINT MOF	
DESIGNED BY:	REVIEWED BY:
DRAWN BY:	CHECKED BY:
DATE: 1/07/2016	DATE: 5/07/2016

**ABBOT POINT MOF MAINTENANCE & RENEWAL**  
**PROPOSED SITE**  
**SECTIONS & DETAILS - SHEET 1**  
 DRAWN BY: AS SHOWN  
 PROJECT NO: IH088100-DG-0214

