



22 February 2019

Joe O'Carroll  
Caltex Australia Petroleum Pty Ltd  
PO Box 794  
WYNNUM QLD 4178

Dear Joe,

**DEVELOPMENT APPROVAL FOR OPERATIONAL WORK ON LAND DESCRIBED AS LOT 63 ON SP143358, AT THE PORT OF MACKAY**

**NQBP Reference:** PL/04/02/00006

North Queensland Bulk Ports Corporation Ltd (NQBP) wish to advise that following representations made by Caltex, in relation to construction of a fuel products pipeline along Wharf 3 at the Port of Mackay, a negotiated decision notice has finalised on 22 February 2019.

Approval has been given with respect to operational works being tidal works under the *Planning Act 2016*.

You are strongly advised to read and familiarise yourself with each of the enclosures applicable to this approval, including the attached referral agency response.

If you have any queries regarding the approvals package, please contact the undersigned.

Yours sincerely

juliek@nqb  
p.com.au

Digitally signed by  
juliek@nqbp.com.au  
DN: cn=juliek@nqbp.com.au  
Date: 2019.02.22 12:26:13 +10'00'

Julie Keane  
**Principal, Development Advisor**

Telephone: (07) 3011 7912  
Email: JKeane@nqbp.com.au  
Doc reference: E19/00711

Enc: Negotiated Decision notice issued under to s 63 of the *Planning Act 2016*  
Approved drawings  
Cc: Referral agency – Department of State Development, Manufacturing, Infrastructure and Planning  
Local government – Mackay Regional Council

**BRISBANE OFFICE**  
GPO Box 409 Brisbane  
Queensland 4001

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Mulherin Drive Mackay Harbour  
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**HAY POINT • MACKAY • ABBOT POINT • WEIPA**

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

## Negotiated Decision Notice

Planning Act 2016 s.63

### 1. Details of approval

<i>Applicant name:</i>	Caltex Australia Petroleum Pty Ltd
<i>Approved development:</i>	Operational work being tidal works assessable under Schedule 10, Part 17, Division 1 Section 28 (1)(a). Comprising the construction of a 350 mm fuel products pipeline along an existing wharf deck.
<i>Date of decision</i>	22/02/2019
<i>Aspect of development:</i>	<input type="checkbox"/> Material change of use <input type="checkbox"/> Reconfiguring a lot <input checked="" type="checkbox"/> Operational work <input type="checkbox"/> Building work
<i>Decision:</i>	<input type="checkbox"/> Preliminary approval only (with conditions) <input type="checkbox"/> Part approval only (with conditions) <input type="checkbox"/> Part approval only (without conditions) <input checked="" type="checkbox"/> Approval (with conditions)

### 1. Property description of proposed development

<i>Port:</i>	MACKAY
<i>Street address:</i>	Ken White Avenue, Mackay
<i>Real property description:</i>	Lot 63 on SP143358
<i>Local government area:</i>	Mackay Regional Council

### 2. Approved drawings and documents

The following drawings and documents have been approved. Copies of approved drawings are provided in an enclosure.

<i>Drawing or document</i>	<i>Number</i>	<i>Date / revision</i>
Pipeline Line Alignment Sheet 4 of 5	6148P0104	05/03/2018 Rev C
Pipeline Line Alignment Sheet 5 of 5	6148P0105	05/03/2018 Rev C
Piping Layout Sheet 14	42-L-188	22/01/2018 Rev B
Piping Layout Sheet 15	42-L-189	22/01/2018 Rev B
Piping Layout Sheet 16	42-L-190	22/01/2018 Rev B
Piping Layout Sheet 17	42-L-191	22/01/2018 Rev B
Piping Layout Sheet 18	42-L-192	22/01/2018 Rev B
<u>Mackay LR Pipeline – Piping Layout Sheet 6</u>	<u>201-L-0006</u>	<u>23/10/18 Rev 1</u>
<u>DN350 Pipe Bridge and Supports – Locality plan</u>	<u>201-M-001</u>	<u>29/06/2018 Rev 1</u>

<u>DN350 Pipe Bridge – General Plan and Layout</u>	<u>201-M-002</u>	<u>29/06/2018 Rev 1</u>
<u>DN350 Pipe Bridge – Steel Layout Plans and Elevations</u>	<u>201-M-003</u>	<u>29/06/2018 Rev 1</u>
<u>DN350 Pipe Bridge – Footing Details</u>	<u>201-M-004</u>	<u>29/06/2018 Rev 1</u>
<u>DN350 Pipe Bridge – Bridge Section 1</u>	<u>201-M-005</u>	<u>29/06/2018 Rev 1</u>
<u>DN350 Pipe Bridge – Bridge Section 2</u>	<u>201-M-006</u>	<u>29/06/2018 Rev 1</u>
<u>DN350 Pipe Bridge – Bridge Section 3</u>	<u>201-M-007</u>	<u>29/06/2018 Rev 1</u>
<u>DN350 Pipe Bridge – Bridge Section 4</u>	<u>201-M-008</u>	<u>29/06/2018 Rev 1</u>
<u>DN350 Pipe Bridge – Bridge Section 5</u>	<u>201-M-009</u>	<u>29/06/2018 Rev 2</u>
<u>DN350 Pipe Bridge – Details Sheet 1 of 2</u>	<u>201-M-010</u>	<u>29/06/2018 Rev 1</u>
<u>DN350 Pipe Bridge – Details Sheet 2 of 2</u>	<u>201-M-011</u>	<u>29/06/2018 Rev 1</u>
<u>Valve Access Platform – Sections and Details</u>	<u>201-M-012</u>	<u>29/06/2018 Rev 1</u>
<u>Valve Access Platform – Sections and Details</u>	<u>201-M-013</u>	<u>29/06/2018 Rev 1</u>
<u>Pipe Support Details – Type 1</u>	<u>201-PS-001</u>	<u>10/05/2018 Rev 1</u>
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<u>Pipe Support Details – Type 7</u>	<u>201-PS-005</u>	<u>12/09/2018 Rev A</u>
<u>Pipe Support Details – Type 8</u>	<u>201-PS-008</u>	<u>12/09/2018 Rev A</u>
<u>Wharf 3 Fire Suppression Concept</u>	<u>15020-SK-020 Sheet 1</u>	<u>17/07/2018 Rev B</u>
<u>Wharf 3 Fire Monitor Coverage Plan</u>	<u>15020-SK-020 Sheet 2</u>	<u>20/07/2018 Rev A</u>
<u>Traffic Management Plan</u>	<u>Q15020 0</u>	<u>08/06/2018 Rev 0</u>
<u>Construction Environmental Management Plan</u>	<u>Q15020 1</u>	<u>05/07/2018 Rev 1</u>
<u>Operational Environmental Management Plan</u>	<u>SD103400</u>	<u>06/01/2017 Rev0</u>

### 3. Referral agency response

The development application was referred to the Department of State Development, Manufacturing, Industry and Planning under the following provision of the Planning Regulation 2017:

- 10.17.3.2.1 Tidal works or work in a coastal management district
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A copy of the Referral Agency Response is attached.

### 4. Properly made submissions

Not applicable—no part of the application required public notification.

## 5. Additional development permits and authorisations

This development permit is limited to construction of a fuel products pipeline on Wharf 3 at the Port of Mackay. At no time should this document be interpreted to imply approval to any other development, operation or land use.

Please be advised that the following development permits are required to be obtained before this development can be commenced. It is the applicant's responsibility to ensure that all other necessary development permits are in place prior to work commencing.

<i>Permit / licence requirements</i>	<i>Relevant agency</i>
<u>Material Change of Use for the Operation of Environmentally Relevant Activity 50 – Bulk Handling</u>	<u>North Queensland Bulk Ports Corporation as Assessment Manager</u>
<u>Port Development Approval – for onshore elements of the pipeline and associated works. Assessable under the Port Rules of the Port of Mackay.</u>	North Queensland Bulk Ports Corporation <a href="mailto:approvals@nqbp.com.au">approvals@nqbp.com.au</a>
<u>Port Development Approval – for <u>Stages 2 and 3 offshore</u> works. Assessable under the Port Rules of the Port of Mackay.</u>	North Queensland Bulk Ports Corporation <a href="mailto:approvals@nqbp.com.au">approvals@nqbp.com.au</a>

This development approval includes the requirement to access land and licence areas not held by the Applicant. Written agreement to access land and conduct works must be obtained from relevant land owners, being NQBP and licensee, being Sugar Terminal Australia, prior to any work commencing.

## 6. Currency period for the approval

This development approval will lapse unless the development is not substantially commenced within six (6) years of the date of decision.

## 7. Rights of appeal

The rights of applicants to appeal to a tribunal or the Planning and Environment Court against decisions about a development application are set out in chapter 6, part 1 of the *Planning Act 2016*. For particular applications, there may also be a right to make an application for a declaration by a tribunal (see chapter 6, part 2 of the *Planning Act 2016*).

A copy of the relevant appeal provisions is attached.

Further information may be obtained from the Planning and Environment Court website:

<http://www.courts.qld.gov.au/courts/planning-and-environment-court>

**Attachment 1**

**ASSESSMENT MANAGER CONDITIONS**

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<b>Carry out the approved development</b>																																																																								
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<u>Mackay Berth 3 Fire Safety Study</u>	<u>J-000297-FSS-01</u>	<u>21/06/2018 Rev 0</u>																									
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<p>1. <u>b) All drawings must be reviewed following completion of the pre-development survey. If any modifications are required RPEQ certified revisions are to be submitted for final approval by NQBP, via <a href="mailto:approvals@nqbp.com.au">approvals@nqbp.com.au</a>.</u></p>			<p><u>At least four (4) weeks prior to commencement of works.</u></p>																								
<p>2. <u>a) The following additional Revised-‘for construction’ drawings certified by an RPEQ and generally in accordance with the drawings described in Condition 1 must be submitted for review and approval by NQBP via <a href="mailto:approvals@NQBP.com.au">approvals@NQBP.com.au</a>. The drawings must reflect the final alignment and design of all infrastructure, including fire systems and electrical connections.</u></p>			<p>At least four (4) weeks prior to commencement of works.</p>																								
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<u>Pipe Support Details – Type 1</u>	<u>201-PS-001</u>	<u>10/05/2018 Rev 1</u>																									
<u>Pipe Support Details – Type 2</u>	<u>201-PS-002</u>	<u>10/05/2018 Rev 1</u>																									
<u>Pipe Support Details – Type 6</u>	<u>201-PS-006</u>	<u>10/05/2018 Rev 1</u>																									
<u>Pipe Support Details – Type 7</u>	<u>201-PS-005</u>	<u>12/09/2018 Rev A</u>																									
<u>Pipe Support Details – Type 8</u>	<u>201-PS-008</u>	<u>12/09/2018 Rev A</u>																									

Condition	Timing
<p>2. <u>b) A comprehensive structural RPEQ check must be completed following finalisation of all appropriate loads combined with accurate structural dimensions, locations and orientations. This RPEQ certificate shall indicate the resultant reduction in allowable live load capacity within the area and shall be provided to NQBP for review and approval, via <a href="mailto:approvals@nqbp.com.au">approvals@nqbp.com.au</a>.</u></p>	<p><u>At least four (4) weeks prior to commencement of works.</u></p>
<p>3. <u>'As constructed' drawings and design certificates certified by an RPEQ must be submitted to NQBP via <a href="mailto:approvals@nqbp.com.au">approvals@nqbp.com.au</a>. The following is to be provided to be as described below:</u></p> <ul style="list-style-type: none"> <li>• <u>One set of "As constructed" drawings.</u></li> <li>• <u>Dimensioned plot plans and general arrangement drawings must also be provided electronically to NQBP in dwg and dxf formats (including pen plot, xref, ole, block files and any other external references).</u></li> <li>• <u>GIS data – All digital vector data must be provided in ESRI shape file or geo-database format, with accurate and complete feature attributes where appropriate.</u></li> <li>• <u>CAD data (where GIS data not available) – must be provided in geo-referenced native format (DGN, DWG or DXF formats).</u></li> <li>• <u>All data must be organised into a logical, named layer structure to facilitate feature conversion by layer, with only relevant data associated with each layer name.</u></li> <li>• <u>All line-work is to be continuous and polygons closed wherever possible.</u></li> <li>• <u>All CAD files should be purged of unnecessary data before transfer, and all relevant reference files merged into the main file.</u></li> <li>• <u>All spatial data must be geo-referenced, preferably projected to GDA94 MGA50 or other established coordinate system.</u></li> </ul>	<p>Within four (4) weeks of completion of works.</p>
<p>4. <u>Electrical infrastructure within the identified 20m hazardous area which is not currently suitable for gasoline must be upgraded to hazardous rated standard as specified in the Hazardous area classification drawing PTXHAC-1803-H Rev. B. Electrical isolations switches are to be installed for electrical equipment that will not be upgraded to hazardous rating and STL equipment within the 40m radius</u></p>	<p>Prior to commissioning the pipeline</p>

Condition	Timing
<p>5. Submit for review and approval by NQBP, via <a href="mailto:approvals@nqbp.com.au">approvals@nqbp.com.au</a>, a revised Fire Safety Study for Mackay Berth 3. Unless otherwise agreed with NQBP, as a minimum this must include:</p> <ul style="list-style-type: none"> <li>• Provision of fire water by the Applicant <u>unless otherwise agreed with NQBP</u></li> <li>• <del>Provision of a remote fire monitor activation system</del></li> <li>• <del>Modification of the existing wharf bunding to ensure spill containment if requirement is greater than current capacity</del></li> <li>• <u>Use of Respondol ATF 3-3% foam</u></li> </ul> <p><i>Note: This development approval requires the commissioning of the diesel fire system (but not the gasoline foam system) prior to the import of diesel products. Prior to the import of the gasoline products the additional foam system must be commissioned by the Applicant.</i></p>	<p>At least four (4) weeks prior to commencement of works.</p>
<p>6. Notice must be given to NQBP's Port Operations, via <a href="mailto:PortOperations@nqbp.com.au">PortOperations@nqbp.com.au</a> of the expected commencement and completion dates for the works.</p>	<p>One (1) week prior to commencement of works.</p>
<p>7. At no time is the operation of the Approved Development permitted to adversely affect the efficient and safe operation of the Port.</p>	<p>At all times.</p>
<b>Environmental management</b>	
<p>8. In carrying out the Approved Development, the applicant must take all reasonable and practicable measures to ensure that environmental harm does not occur.</p>	<p>At all times.</p>
<p>9. No Environmentally Relevant Activities (ERA's) are to be undertaken on site without prior approval from the relevant agencies.</p>	<p>At all times.</p>
<p>10. a) Development is to be carried out in accordance with the Construction Environmental Management Plan identified in condition 1 with the following <del>A</del>-revisions. The updated Construction Environmental Management Plan is to be submitted for review and approval to NQBP via <a href="mailto:approvals@nqbp.com.au">approvals@nqbp.com.au</a>:</p> <ul style="list-style-type: none"> <li>• <u>Section 11.2 – Environmental inspection/checklist are to be completed within first two weeks of project commencement and available to NQBP upon request for audit purposes.</u></li> <li>• <u>Section 12.1.3.1 – Installation of drop sheets and full encapsulation is to be provided where required. All capture waste must be disposed of appropriately.</u></li> </ul>	<p>At least four (4) weeks prior to commencement of works.</p>
<p>10. b) <u>A revised Construction Environmental Management Plan is to be submitted for review and approval to NQBP via <a href="mailto:approvals@nqbp.com.au">approvals@nqbp.com.au</a>:</u></p>	<p><u>At least four (4) weeks prior to commencement of Stage 2 and 3 works.</u></p>



Condition	Timing
<p>11. Development is to be carried out in accordance with the Operational Environmental Management Plan identified in condition 1 with the following—A revisions final Operational Environmental Management Plan is to be submitted for review and approval to NQBP via <a href="mailto:approvals@nqbp.com.au">approvals@nqbp.com.au</a>:</p> <ul style="list-style-type: none"> <li>• <u>Section 2.5 – Any new firefighting infrastructure must comply with the Environmental Management of Firefighting Foam Policy administered by the Department of Environment and Science.</u></li> <li>• <u>Section 2.5 – Any wharf side firefighting foam must be completely fluorine free.</u></li> </ul>	<p>At least four (4) weeks prior to commencement of works.</p>
<p>12. No contaminants are permitted to enter the water.</p>	<p>At all times.</p>
<p>13. All waste must be removed from the site and taken to a licenced waste management facility on a regular basis. No waste is to be burned or buried on site.</p>	<p>At all times.</p>
<b>Traffic management</b>	
<p>14. A Traffic Management Plan must be undertaken in accordance with the Approved Traffic Management Plan identified in Condition 1. provided for review and approval by NQBP via <a href="mailto:approvals@nqbp.com.au">approvals@nqbp.com.au</a>. The plan must address:</p> <ul style="list-style-type: none"> <li>• <del>Safe operation requirements for construction vehicles within Wharf 3</del></li> <li>• <del>Directional signage requirements and specifications</del></li> </ul>	<p>At least four (4) weeks prior to commencement of works.</p>

**Attachment 2**

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**REFERRAL AGENCY RESPONSE**

Agency	Reference	Date received
Department of State Development, Manufacturing, Infrastructure and Planning	1803-4658 SRA	21/05/2018

Our reference: 1803-4658 SRA  
Your reference: PL/04/02/00006

21 May 2018

The Chief Executive Officer  
The North Queensland Bulk Ports  
GPO Box 409  
BRISBANE QLD 4001  
planning@nqbp.com.au

Attention: Julie Keane

Dear Mrs. Keane

### **Referral agency response—with conditions**

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

The development application described below was properly referred to the Department of State Development, Manufacturing, Infrastructure and Planning on 10 April 2018.

### **Applicant details**

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Applicant name: Caltex Australia Petroleum  
Applicant contact details: P.O. Box 771  
SPRINGWOOD QLD 4127  
qps@ecn.net.au

### **Location details**

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Street address: Mulherin Drive, Mackay Harbour  
Real property description: Lot 63 on SP143358  
Local government area: Mackay Regional Council (Strategic Port Land)

### **Application details**

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Development permit: Operational work – Prescribed tidal work (Fuel products pipeline on wharf 3 at Port of Mackay)

### **Referral triggers**

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The development application was referred to the department under the following provisions of the Planning Regulation 2017:

- 10.17.3.2.1 Tidal works or work in a coastal management district
- 10.17.3.1.1 Tidal works or work in a coastal management district

### Conditions

Under section 56(1)(b)(i) of the *Planning Act 2016* (the Act), the conditions set out in Attachment 1 must be attached to any development approval.

### Reasons for decision to impose conditions

The department must provide reasons for the decision to impose conditions. These reasons are set out in Attachment 2.

### Approved plans and specifications

The department requires that the plans and specifications set out below and enclosed must be attached to any development approval.

Drawing/report title	Prepared by	Date	Reference no.	Version/issue
<b>Aspect of development: Operational Work</b>				
Pipeline Alignment Sheet 4 of 5	Queensland Planning and Survey P/L	25/7/17	6148P0104	Revision C
Pipeline Alignment Sheet 4 of 5	Queensland Planning and Survey P/L	19/7/17	6148P0105	Revision C
Piping Layout – Sheet 14	Caltex	22/01/18	42-L-188	Rev. B
Piping Layout – Sheet 15	Caltex	22/01/18	42-L-189	Rev. B
Piping Layout – Sheet 16	Caltex	22/01/18	42-L-190	Rev. B
Piping Layout – Sheet 17	Caltex	22/01/18	42-L-191	Rev. B
Piping Layout – Sheet 18	Caltex	22/01/18	42-L-192	Rev. B

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

For further information please contact Ainsley Sullivan, Senior Planning Officer, on (07) 4898 6813 or via email [MIWSARA@dndmip.qld.gov.au](mailto:MIWSARA@dndmip.qld.gov.au) who will be pleased to assist.

Yours sincerely



Patrick Ruettjes  
Manager (Planning), Mackay Isaac Whitsunday Regional Office

cc Caltex Australia Petroleum, [qps@ecn.net.au](mailto:qps@ecn.net.au)

enc Attachment 1—Conditions to be imposed  
Attachment 2—Reasons for decision to impose conditions  
Approved plans and specifications

## Attachment 1—Conditions to be imposed

No.	Conditions	Condition timing
<b>Operational Work</b>		
10.17.3.1.1 - Tidal works —The chief executive administering the <i>Planning Act 2016</i> nominates the Director-General of the Department of Environment and Science to be the enforcement authority for the development to which this development approval relates for the administration and enforcement of any matter relating to the following condition(s):		
1.	<p>The development must be carried out generally in accordance with the following plan:</p> <ul style="list-style-type: none"> <li>• Caltex Refineries (QLD) Pty Ltd, Caltex – Mackay Pipeline, North QLD Bulk Ports, Mackay Section, Pipeline Alignment Sheet 4 of 5, Chainage 448.31 to 535.62, prepared by Queensland Planning &amp; Survey P/L, dated 05/03/18, reference 6148P0104 and revision C</li> <li>• Caltex Refineries (QLD) Pty Ltd, Caltex – Mackay Pipeline, North QLD Bulk Ports, Mackay Section, Pipeline Alignment Sheet 5 of 5, Chainage 535.62 to 652.58, prepared by Queensland Planning &amp; Survey P/L, dated 05/03/18, reference 6148P0105 and revision C</li> <li>• Caltex Products Pipelines, Mackay Bulk Wharf – LR Pipeline, Piping Layout – Sheet 14, prepared by Caltex Refineries (Qld) Pty Ltd, dated 22/01/18, reference 42-L-188 and revision B</li> <li>• Caltex Products Pipelines, Mackay Bulk Wharf – LR Pipeline, Piping Layout – Sheet 15, prepared by Caltex Refineries (Qld) Pty Ltd, dated 22/01/18, reference 42-L-189 and revision B</li> <li>• Caltex Products Pipelines, Mackay Bulk Wharf – LR Pipeline, Piping Layout – Sheet 16, prepared by Caltex Refineries (Qld) Pty Ltd, dated 22/01/18, reference 42-L-190 and revision B</li> <li>• Caltex Products Pipelines, Mackay Bulk Wharf – LR Pipeline, Piping Layout – Sheet 17, prepared by Caltex Refineries (Qld) Pty Ltd, dated 22/01/18, reference 42-L-191 and revision B</li> <li>• Caltex Products Pipelines, Mackay Bulk Wharf – LR Pipeline, Piping Layout – Sheet 18, prepared by Caltex Refineries (Qld) Pty Ltd, dated 22/01/18, reference 42-L-192 and revision B.</li> </ul>	For the duration of works.
2.	<p>For the proposed works, only use clean materials and ensure that the works do not cause contamination. To achieve this:</p> <ul style="list-style-type: none"> <li>• only use materials which are free from contaminants as defined under section 11 of the <i>Environmental Protection Act 1994</i>.</li> </ul>	For the duration of works.
3.	<p>Erosion and sediment control measures which are in accordance with Best Practice Erosion and Sediment Control (BPESC) guidelines for Australia (International Erosion Control Association), are to be installed and maintained to prevent the release of sediment to tidal waters.</p>	For the duration of works.
4.	<p>Should the components of the Caltex – Mackay Pipeline, North QLD Bulk Ports, Mackay Section, Pipeline Alignment development collapse, fail or otherwise suffer structural consequences which impact their integrity or ability to function as intended, the works must be:</p> <ul style="list-style-type: none"> <li>a) reinstated in accordance with this development approval; or</li> <li>b) removed and disposed of at an appropriately licensed facility.</li> </ul>	As soon as reasonably practicable subsequent to the damage.

5.	Submit "As Constructed drawings" to palm@des.qld.gov.au or mail to: Department of Environment and Science Permit and Licence Management Implementation and Support Unit GPO Box 2454 Brisbane QLD 4001	Within two (2) weeks of the completion of the works.
6.	<p>a) In the event that the works cause disturbance or oxidisation of acid sulfate soil, the affected soil must be treated and thereafter managed (until the affected soil has been neutralised or contained) 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.</p> <p>b) Certification by a suitably qualified person, confirming that the affected soil has been neutralised or contained, in accordance with (a) above is to be provided to palm@des.qld.gov.au or mailed to: Department of Environment and Science Permit and Licence Management Implementation and Support Unit GPO Box 2454 Brisbane QLD 4001</p>	<p>(a) Upon disturbance or oxidisation until the affected soil has been neutralised or contained.</p> <p>(b) At the time the soils have been neutralised or contained.</p>

**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 ensure the development avoids or minimises adverse impacts on coastal resources and their values.
- To ensure landowners are aware they must take responsibility for their damaged property as they can impact on coastal resources and public safety.
- To allow for compliance in relation to what is considered generally in accordance with the approved plans when preliminary plans are submitted with the application. Development inconsistent with the approval may have an impact on coastal management that was not considered in assessment.
- To ensure any disturbance to acid sulfate soils is managed to prevent impacts to coastal environments.

## Attachment 3

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### APPEAL PROVISIONS

## PLANNING ACT 2016

### 229 APPEALS TO TRIBUNAL OR P&E COURT

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(1) *Schedule 1* states—

(a) matters that may be appealed to—

- (i) either a tribunal or the P&E Court; or
- (ii) only a tribunal; or
- (iii) only the P&E Court; and

(b) the person—

- (i) who may appeal a matter (the "**appellant**"); and
- (ii) who is a respondent in an appeal of the matter; and
- (iii) who is a co-respondent in an appeal of the matter; and
- (iv) who may elect to be a co-respondent in an appeal of the matter.

(2) An **appellant** may start an appeal within the **appeal period**.

(3) The "**appeal period**" is—

- (a) for an appeal by a building advisory agency—10 business days after a decision notice for the decision is given to the agency; or
- (b) for an appeal against a deemed refusal—at any time after the deemed refusal happens; or
- (c) for an appeal against a decision of the Minister, under *Chapter 7, part 4*, to register premises or to renew the registration of premises—20 business days after a notice is published under *section 269 (3)(a) or (4)*; or
- (d) for an appeal against an infrastructure charges notice—20 business days after the infrastructure charges notice is given to the person; or
- (e) for an appeal about a deemed approval of a development application for which a decision notice has not been given—30 business days after the **appellant** gives the deemed approval notice to the assessment manager; or
- (f) for any other appeal—20 business days after a notice of the decision for the matter, including an enforcement notice, is given to the person.

**Example:** See the P&E Court Act for the court's power to extend the **appeal period**.



**SCHEDULE 1 APPEALS**

1 Appeal rights and parties to appeals

- (1) Table 1 states the matters that may be appealed to—
- (a) the P&E court; or
  - (b) a tribunal.

<b>Table 1</b>			
<b>Appeals to the P&amp;E Court and, for certain matters, to a tribunal</b>			
<p>1. Development applications</p> <p>For a development application other than an excluded application, an appeal may be made against—</p> <ul style="list-style-type: none"> <li>(a) the refusal of all or part of the development application; or</li> <li>(b) the deemed refusal of the development application; or</li> <li>(c) a provision of the development approval; or</li> <li>(d) if a development permit was applied for—the decision to give a preliminary approval.</li> </ul>			
Column 1	Column 2	Column 3	Column 4
Appellant	Respondent	Co-respondent (if any)	Co-respondent by election (if any)
The applicant	The assessment manager	If the appeal is about a concurrence agency's referral response—the concurrence agency	<p>1 A concurrence agency that is not a co-respondent</p> <p>2 If a chosen assessment manager is the respondent—the prescribed assessment manager</p> <p>3 Any eligible advice agency for the application</p> <p>4 Any eligible submitter for the application</p>

## Statement of Reasons

*Planning Act 2016 s.56*

### 1. Applicant details

<i>Applicant name:</i>	Caltex Australia Petroleum Pty Ltd
<i>Applicant contact details:</i>	Joe O'Carroll PO Box 794 WYNNUM QLD 4178 <a href="mailto:jocarro@caltex.com.au">jocarro@caltex.com.au</a>

### 2. Property description of proposed development

<i>Port:</i>	Mackay
<i>Street address:</i>	Ken White Avenue, Mackay
<i>Real property description:</i>	Lot 63 of SP143358
<i>Local government area:</i>	Mackay Regional Council

### 3. Development details

<i>Approved development:</i>	Operational work being tidal works assessable under Schedule 10, Part 17, Division 1 Section 28 (1)(a). Comprising the construction of a 350 mm fuel products pipeline along an existing wharf deck.
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### 4. Assessment matters

The application has been assessed against:

- Port of Mackay Land Use Plan (November 2009).
- Mackay, Isaac and Whitsunday Regional Plan, 2012
- Port authority functions under the *Transport Infrastructure Act 1994*, chapter 8, part 3.

### 5. Reasons for the decision

The reasons for the decision are that the proposal:

- Subject to achievement of the assessment manager's conditions contributes toward the achievement of the desired environmental outcomes of the Port of Mackay Land Use Plan (November 2009) and the applicable regional policies.
- Subject to achievement of the assessment manager's conditions is consistent with the functions of the Port as specified in the *Transport Infrastructure Act 1994*, chapter 8, part 3

### 6. Relevant material

Evidence or other material on which the findings were based:

- Material provided in the development application.

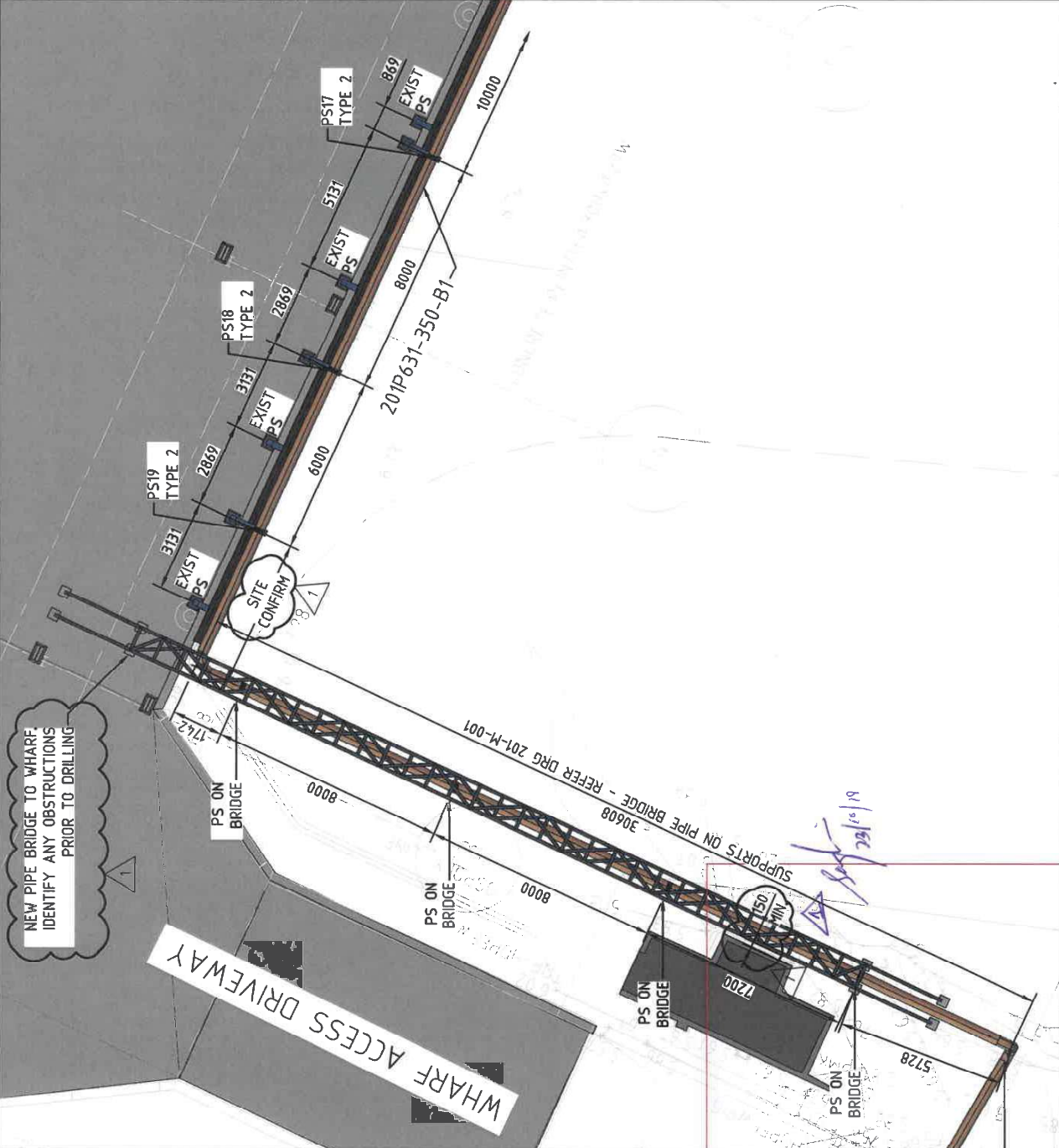
## Approved drawings

<i>Drawing or document</i>	<i>Number</i>	<i>Date / revision</i>
<u>Mackay LR Pipeline – Piping Layout Sheet 6</u>	<u>201-L-0006</u>	<u>23/10/2018 Rev 1</u>
<u>DN350 Pipe Bridge and Supports – Locality plan</u>	<u>201-M-001</u>	<u>29/06/2018 Rev 1</u>
<u>DN350 Pipe Bridge – General Plan and Layout</u>	<u>201-M-002</u>	<u>29/06/2018 Rev 1</u>
<u>DN350 Pipe Bridge – Steel Layout Plans and Elevations</u>	<u>201-M-003</u>	<u>29/06/2018 Rev 1</u>
<u>DN350 Pipe Bridge – Footing Details</u>	<u>201-M-004</u>	<u>29/06/2018 Rev 1</u>
<u>DN350 Pipe Bridge – Bridge Section 1</u>	<u>201-M-005</u>	<u>29/06/2018 Rev 1</u>
<u>DN350 Pipe Bridge – Bridge Section 2</u>	<u>201-M-006</u>	<u>29/06/2018 Rev 1</u>
<u>DN350 Pipe Bridge – Bridge Section 3</u>	<u>201-M-007</u>	<u>29/06/2018 Rev 1</u>
<u>DN350 Pipe Bridge – Bridge Section 4</u>	<u>201-M-008</u>	<u>29/06/2018 Rev 1</u>
<u>DN350 Pipe Bridge – Bridge Section 5</u>	<u>201-M-009</u>	<u>29/06/2018 Rev 2</u>
<u>DN350 Pipe Bridge – Details Sheet 1 of 2</u>	<u>201-M-010</u>	<u>29/06/2018 Rev 1</u>
<u>DN350 Pipe Bridge – Details Sheet 2 of 2</u>	<u>201-M-011</u>	<u>29/06/2018 Rev 1</u>
<u>Valve Access Platform – Sections and Details</u>	<u>201-M-012</u>	<u>29/06/2018 Rev 1</u>
<u>Valve Access Platform – Sections and Details</u>	<u>201-M-013</u>	<u>29/06/2018 Rev 1</u>
<u>Pipe Support Details – Type 1</u>	<u>201-PS-001</u>	<u>10/05/2018 Rev 1</u>
<u>Pipe Support Details – Type 2</u>	<u>201-PS-002</u>	<u>10/05/2018 Rev 1</u>
<u>Pipe Support Details – Type 6</u>	<u>201-PS-006</u>	<u>10/05/2018 Rev 1</u>
<u>Pipe Support Details – Type 7</u>	<u>201-PS-005</u>	<u>12/09/2018 Rev A</u>
<u>Pipe Support Details – Type 8</u>	<u>201-PS-008</u>	<u>12/09/2018 Rev A</u>
<u>Wharf 3 Fire Suppression Concept</u>	<u>15020-SK-020 Sheet 1</u>	<u>17/07/2018 Rev B</u>
<u>Wharf 3 Fire Monitor Coverage Plan</u>	<u>15020-SK-020 Sheet 2</u>	<u>20/07/2018 Rev A</u>



MATCHLINE DRG 201-L-007

PIPE ENTERS GROUND AT THIS POINT FROM PIPE BRIDGE



MATCHLINE DRG 201-L-005

**OVERSEAS BULK PORTS CORPORATION**  
 APPROVED SUBJECT TO CONDITIONS  
 NQBP ref: PL/04/02/00006  
 Signed: *[Signature]*  
 Date: 19/02/2019

RPEQ APPROVAL	
BY	RPEQ-No DATE
SH	17128 23/10/18
CALTEX AUSTRALIA	

<b>TITLE</b>	CALTEX PRODUCTS PIPELINES MACKAY BULK WHARF - LR PIPELINE PIPING LAYOUT - SHEET 6
<b>DRAWING NUMBER</b>	201-L-006
<b>REV</b>	A3 1

<b>DRAWN</b>	MDG	12/17
<b>CHECKED</b>	KJM	06/18
<b>APPROVED</b>	SH	12/17
<b>SCALE</b>	1:150	
<b>PROJECT</b>	Q15020	

**CALTEX**  
 Caltex Refineries (QIL) Pty Ltd  
 ABN 46 008 425 581

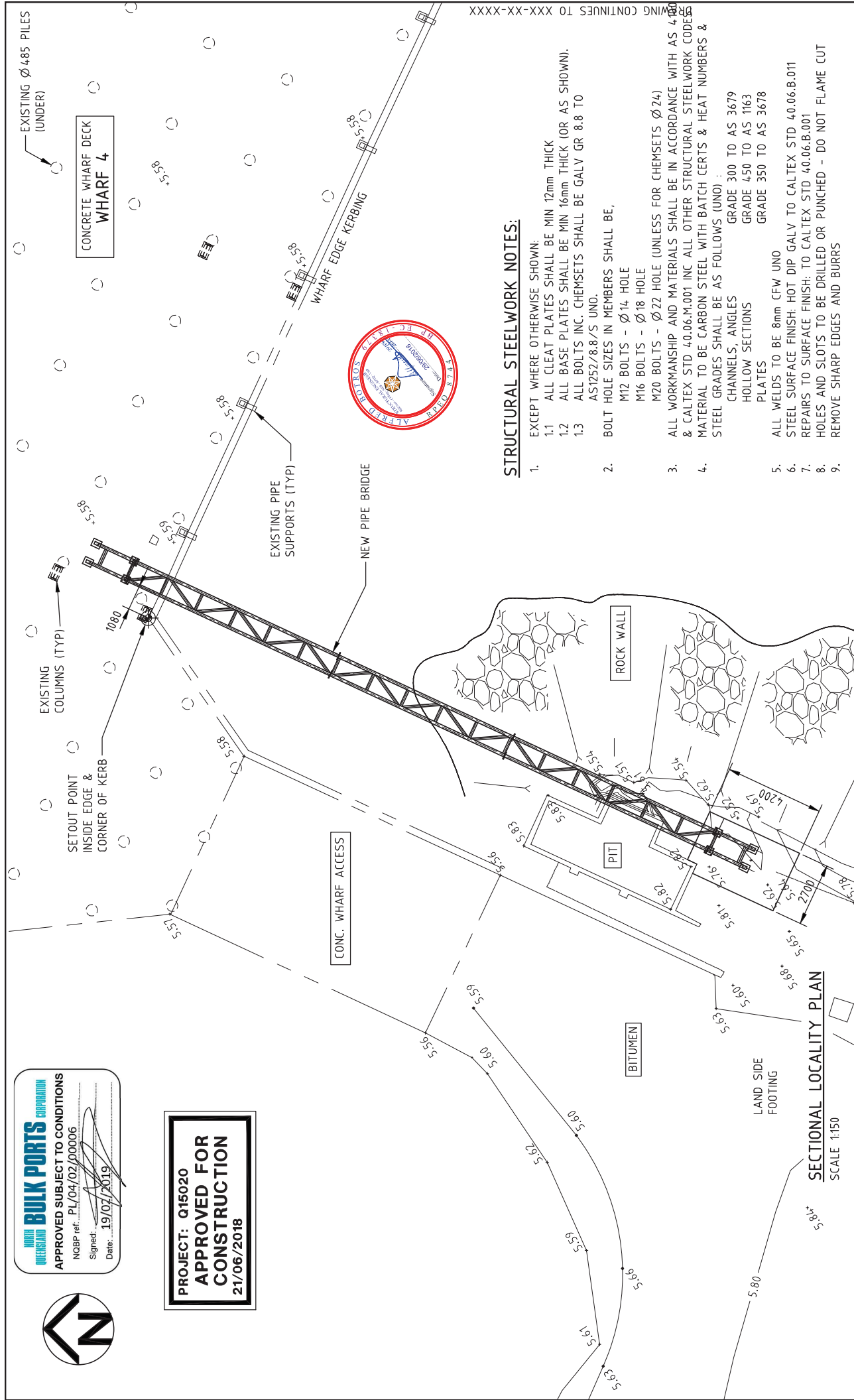
REV	DESCRIPTION	BY	APP	DATE
D	DRG NO WAS 42-L-188, IFR @ CTX	MDG	SH	17/04/18
C	PIPING ALIGNMENT UPDATED	MDG		12/03/18
1	POST AFC REVISION	MDG	SH	12/10/18
0	APPROVED FOR CONSTRUCTION	MDG	SH	11/05/18

DRAWING No	REFERENCE DRAWING TITLE
201-A01-83639	P&ID
201-M-001	PIPE BRIDGE
201-PS-002	PIPE SUPPORT TYPE 2



**NORTH BULK PORTS CORPORATION**  
 APPROVED SUBJECT TO CONDITIONS  
 NCBP ref.: PL/04/02/00006  
 Signed: [Signature]  
 Date: 19/07/2019

**PROJECT: Q15020**  
**APPROVED FOR CONSTRUCTION**  
 21/06/2018



**STRUCTURAL STEELWORK NOTES:**

- EXCEPT WHERE OTHERWISE SHOWN:
  - ALL CLEAT PLATES SHALL BE MIN 12mm THICK
  - ALL BASE PLATES SHALL BE MIN 16mm THICK (OR AS SHOWN).
  - ALL BOLTS INC. CHEMSETS SHALL BE GALV GR 8.8 TO AS1252/8.8/5 UNO.
- BOLT HOLE SIZES IN MEMBERS SHALL BE,
  - M12 BOLTS -  $\phi$ 14 HOLE
  - M16 BOLTS -  $\phi$ 18 HOLE
  - M20 BOLTS -  $\phi$ 22 HOLE (UNLESS FOR CHEMSETS  $\phi$ 24)
- ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS 4000 & CALTEX STD 40.06.M.001 INC ALL OTHER STRUCTURAL STEELWORK CODES. MATERIAL TO BE CARBON STEEL WITH BATCH CERTS & HEAT NUMBERS & STEEL GRADES SHALL BE AS FOLLOWS (UNO) :
  - CHANNELS, ANGLES GRADE 300 TO AS 3679
  - HOLLOW SECTIONS GRADE 450 TO AS 1163
  - PLATES GRADE 350 TO AS 3678
- ALL WELDS TO BE 8mm CFW UNO
- STEEL SURFACE FINISH: HOT DIP GALV TO CALTEX STD 40.06.B.011
- REPAIRS TO SURFACE FINISH: TO CALTEX STD 40.06.B.001
- HOLES AND SLOTS TO BE DRILLED OR PUNCHED - DO NOT FLAME CUT
- REMOVE SHARP EDGES AND BURRS

**SECTIONAL LOCALITY PLAN**  
 SCALE 1:150

DRAWING No	REFERENCE DRAWING TITLE	REV	DESCRIPTION	BY	APP	DATE
		1	ISSUED FOR CONSTRUCTION	W/JP	AB	21/06/18
		0	ISSUED FOR TENDER	W/JP	JOC	24/05/18
		A	ISSUED FOR REVIEW	W/JP	SH	11/01/18
		REV				

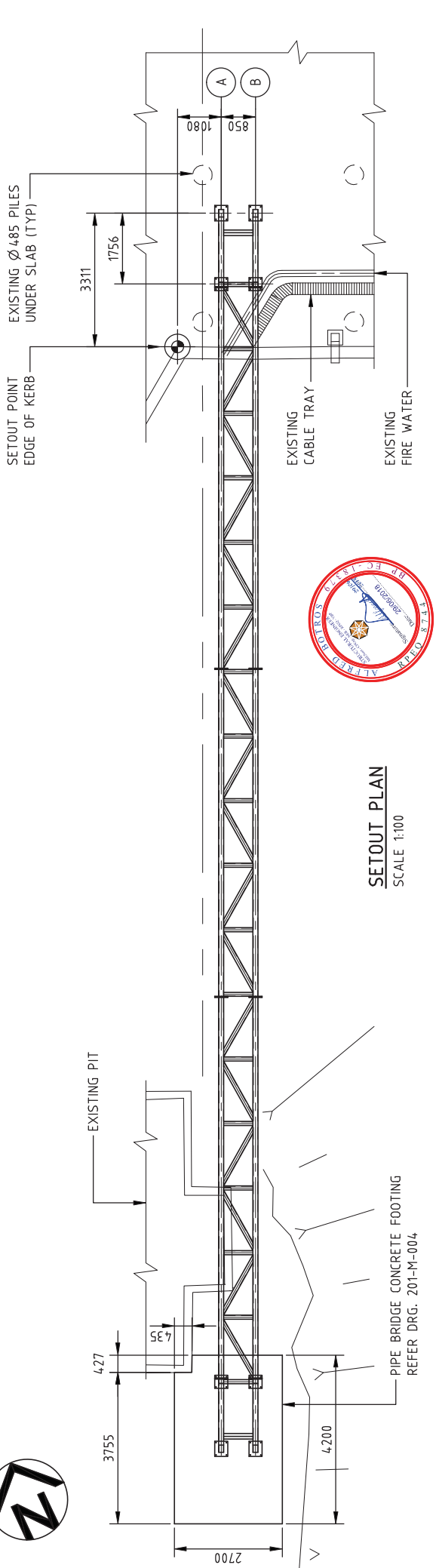
  

DRAWN	W/JP	01/18	TITLE
CHECKED	AB	06/18	MACKAY PORT
APPROVED			DN350 PIPE BRIDGE & SUPPORTS
SCALE	1:150		LOCALITY PLAN
PROJECT	Q15020		

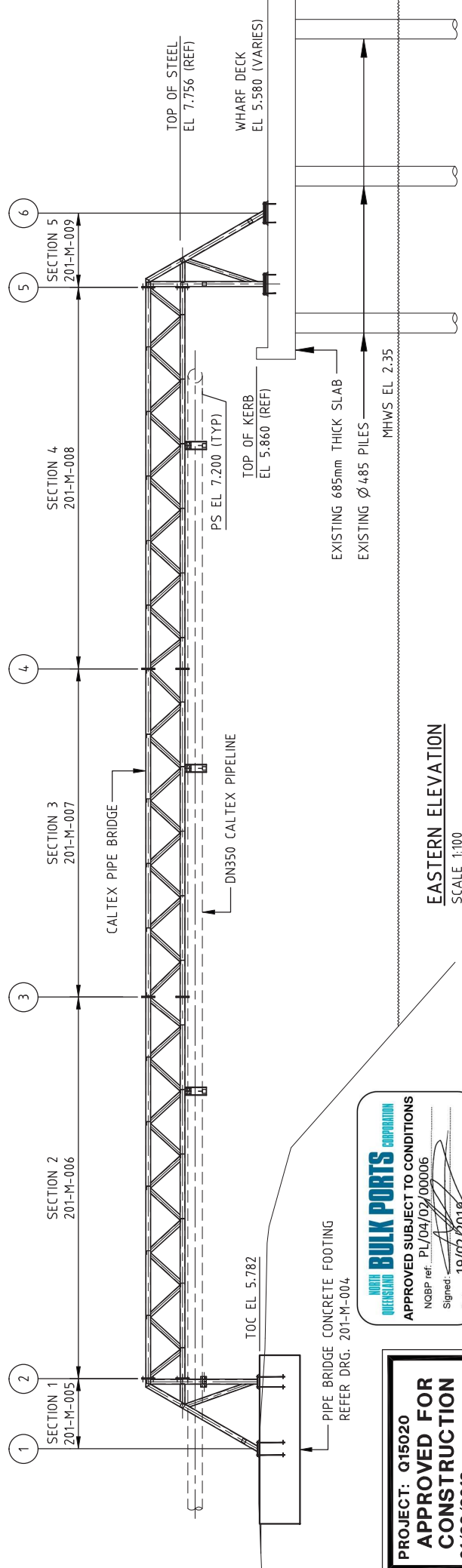
  

DRAWING NUMBER	REV
201-M-001	1





**SETOUT PLAN**  
SCALE 1:100



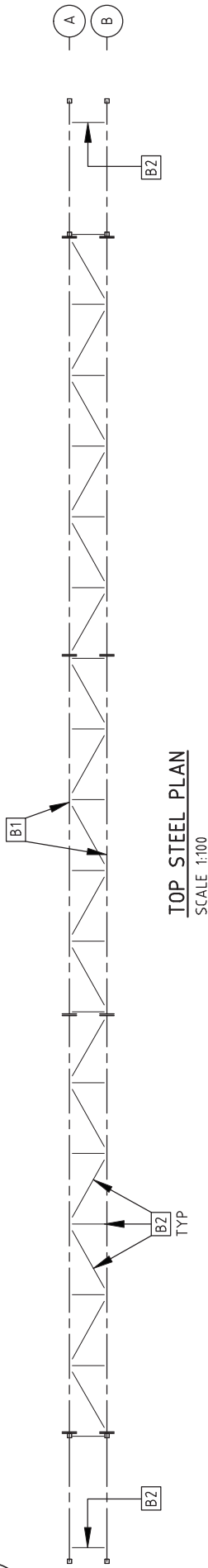
**EASTERN ELEVATION**  
SCALE 1:100

**ALBERT BARDS ENGINEERS**  
**BULK PORTS CORPORATION**  
APPROVED SUBJECT TO CONDITIONS  
NOBP ref.: PL/04/02/00006  
Signed: \_\_\_\_\_  
Date: 19/02/2018

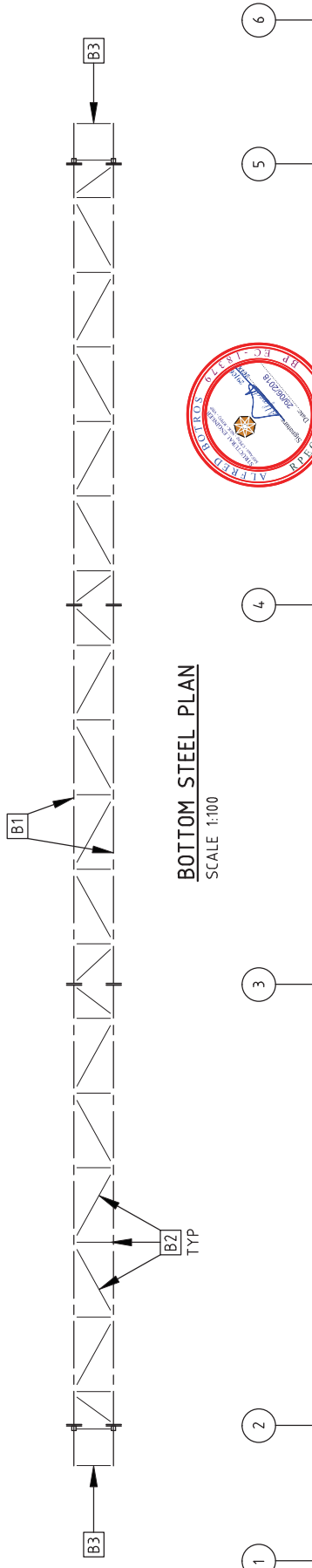
**PROJECT: Q15020**  
**APPROVED FOR CONSTRUCTION**  
21/06/2018

DRAWING No	REFERENCE DRAWING TITLE	REV	DESCRIPTION	BY	APP	DATE
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		0	ISSUED FOR TENDER	WJP	JOC	24/05/18
		1	ISSUED FOR CONSTRUCTION	WJP	AB	21/06/18
PROJECT: Q15020		PROJECT	Q15020			
SCALE		SCALE	1:100			
APPROVED		APPROVED				
CHECKED		CHECKED	AB			06/18
DRAWN		WJP	01/18			
<b>TITLE</b> MACKAY PORT DN350 PIPE BRIDGE GENERAL PLAN & ELEVATION						
<b>DRAWING NUMBER</b>		201-M-002				
<b>REV</b>		<b>A3</b>				
<b>REV</b>		<b>1</b>				

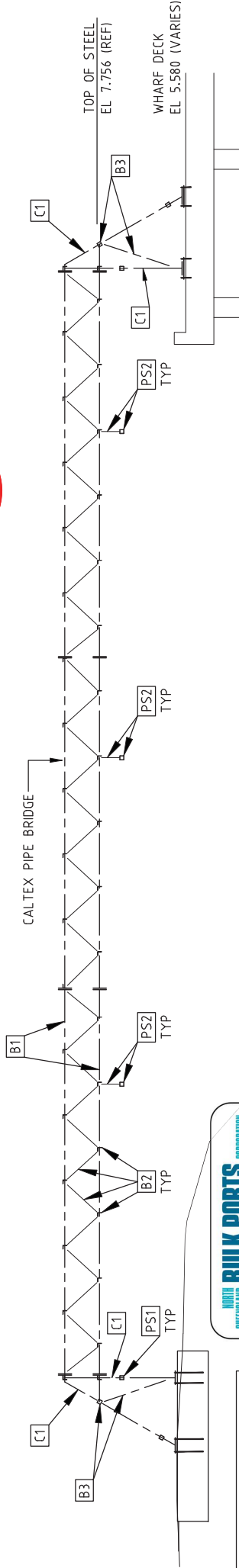




**TOP STEEL PLAN**  
SCALE 1:100



**BOTTOM STEEL PLAN**  
SCALE 1:100



**EASTERN ELEVATION**  
SCALE 1:100

**NORTH QUEENSLAND BULK PORTS CORPORATION**  
APPROVED SUBJECT TO CONDITIONS  
NOBP ref. PL/04/02/09006  
Signed: \_\_\_\_\_  
Date: 19/02/2019

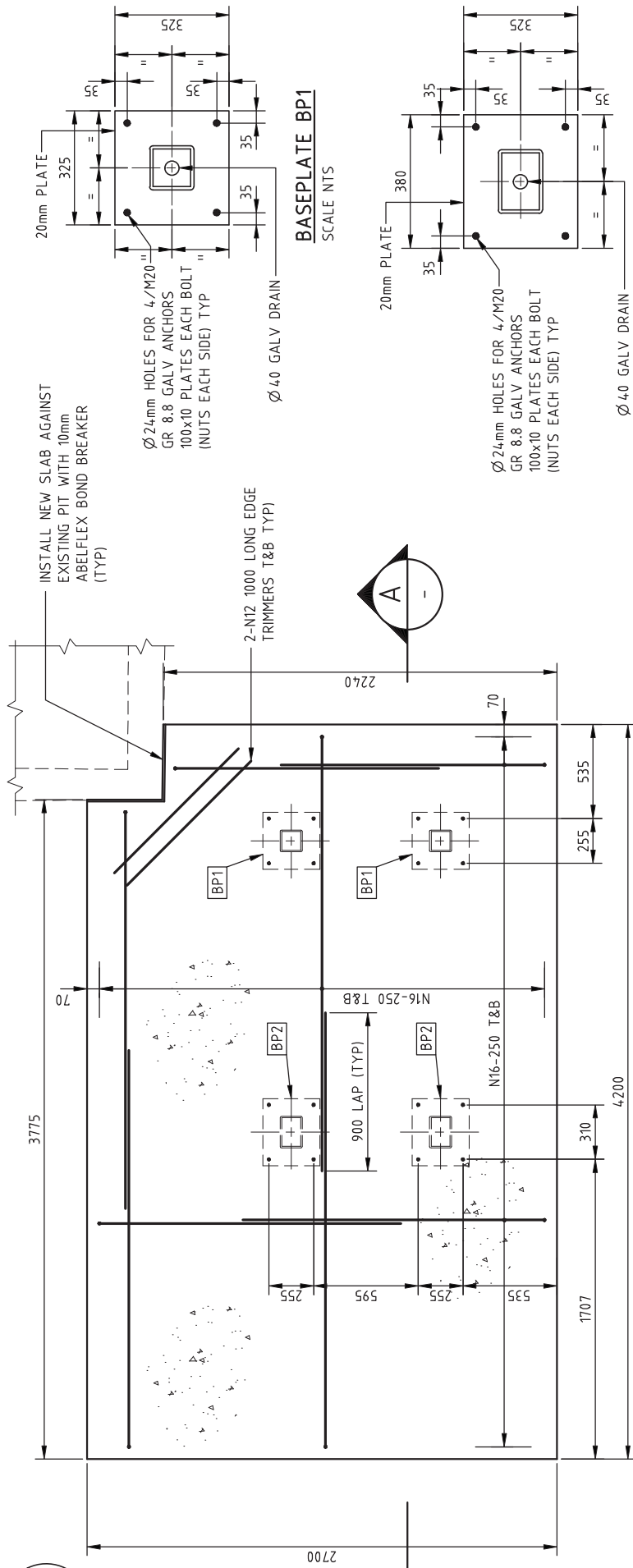
**PROJECT: Q15020**  
**APPROVED FOR CONSTRUCTION**  
21/06/2018

DRAWING No	REFERENCE DRAWING TITLE	REV	DESCRIPTION	BY	APP	DATE
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201-M-002	GENERAL PLAN & ELEVATION	0	ISSUED FOR TENDER	WJP	JOC	24/05/18
201-M-001	LOCALITY PLAN	A	ISSUED FOR REVIEW	WJP	SH	11/01/18

DRAWN	WJP	01/18	TITLE
CHECKED	AB	06/18	MACKAY PORT
APPROVED			DN350 PIPE BRIDGE
SCALE		1:100	STEEL LAYOUT PLANS & ELEVATION
PROJECT		Q15020	DRAWING NUMBER
			201-M-003
			REV A3
			1



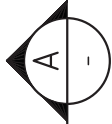


INSTALL NEW SLAB AGAINST EXISTING PIT WITH 10mm ABELFLEX BOND BREAKER (TYP)

Ø24mm HOLES FOR 4/M20 GR 8.8 GALV ANCHORS 100x10 PLATES EACH BOLT (NUTS EACH SIDE) TYP

2-N12 1000 LONG EDGE TRIMMERS T&B TYP

**BASEPLATE BP1**  
SCALE NTS



Ø24mm HOLES FOR 4/M20 GR 8.8 GALV ANCHORS 100x10 PLATES EACH BOLT (NUTS EACH SIDE) TYP

**BASEPLATE BP2**  
SCALE NTS

**PLAN**  
SCALE 1:25

4/M20 GR 8.8 GALV ANCHORS 100x10 PLATES EACH BOLT (NUTS EACH SIDE) TYP

**SECTION**  
SCALE 1:25

50-75mm BLINDING  
FILL ALL VOIDS POST EXCAVATION & LEVEL

TOC EL. 5.782

**NORTH BULK PORTS CORPORATION**  
APPROVED SUBJECT TO CONDITIONS  
NGBP ref: PL/04/02/00006  
Signed: [Signature]  
Date: 19/06/2018

**PROJECT: Q15020**  
**APPROVED FOR CONSTRUCTION**  
21/06/2018



**NOTES**

1. ALL WORK TO BLDG CODE OF AUST, AS3600 & AS4678
2. CONCRETE STRENGTHS f'c TO BE 32 MPa
3. MAX AGGREGATE SIZE = 10-20mm
4. SLUMP = 80 +/- 15mm
5. CONSOLIDATE BY VIBRATION
6. ALL FORMWORK TO AS 1509
7. CURE CONCRETE MIN 7 DAYS
8. COVER TO REBAR MIN 70mm BOT/SIDES/TOP
9. REINFORCEMENT TO BE GALVANISED (MARINE CONDITIONS)
10. APPLY 2 COAT PENETRATIVE SEALER - TECHDRY "PROTECTASEAL S" OR EQUIVALENT TO ALL EXPOSED CONCRETE SURFACES
11. FABRICATOR TO PROPOSE VENT HOLES AS REQUIRED TO RELEASE PRESSURE BUILD-UP DURING GALVANISING

DRAWING No	REFERENCE DRAWING TITLE	REV	DESCRIPTION	BY	APP	DATE
201-M-002	GENERAL PLAN & ELEVATION	A	ISSUED FOR REVIEW	WJP	SH	18/01/18
		0	ISSUED FOR TENDER	WJP	JOC	24/05/18
		1	ISSUED FOR CONSTRUCTION	WJP	AB	21/06/18

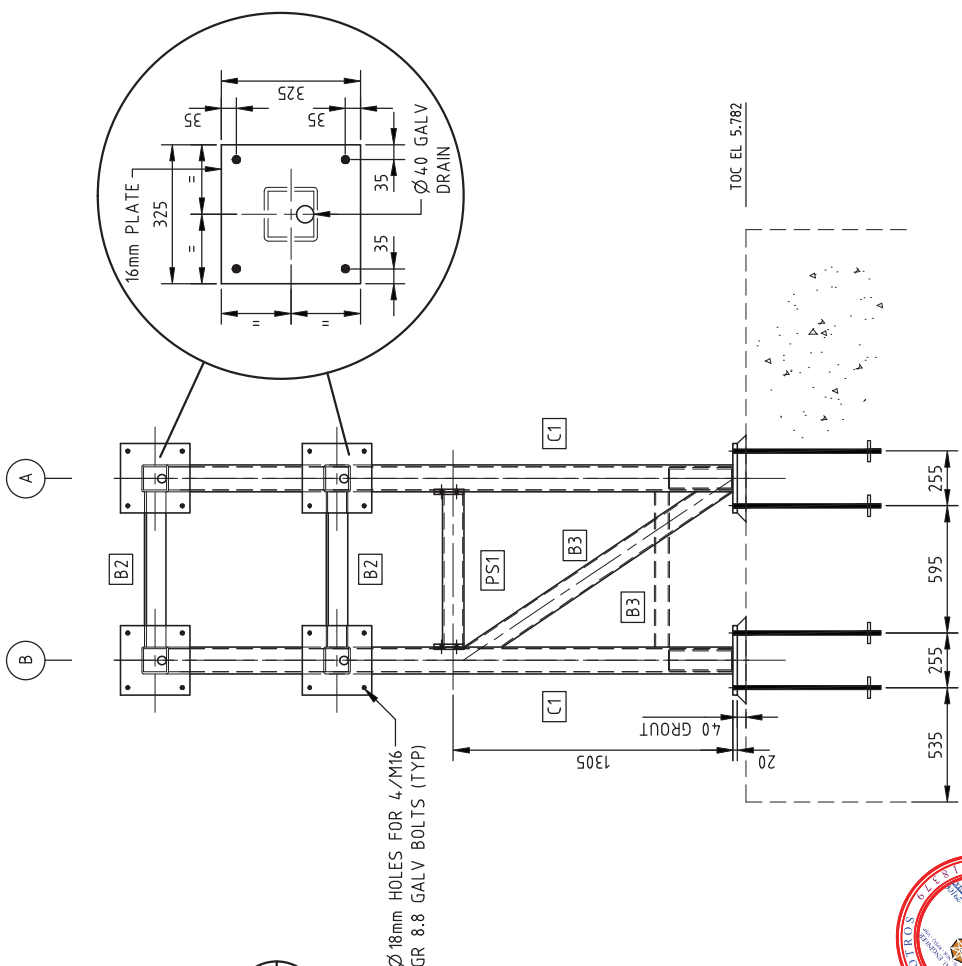
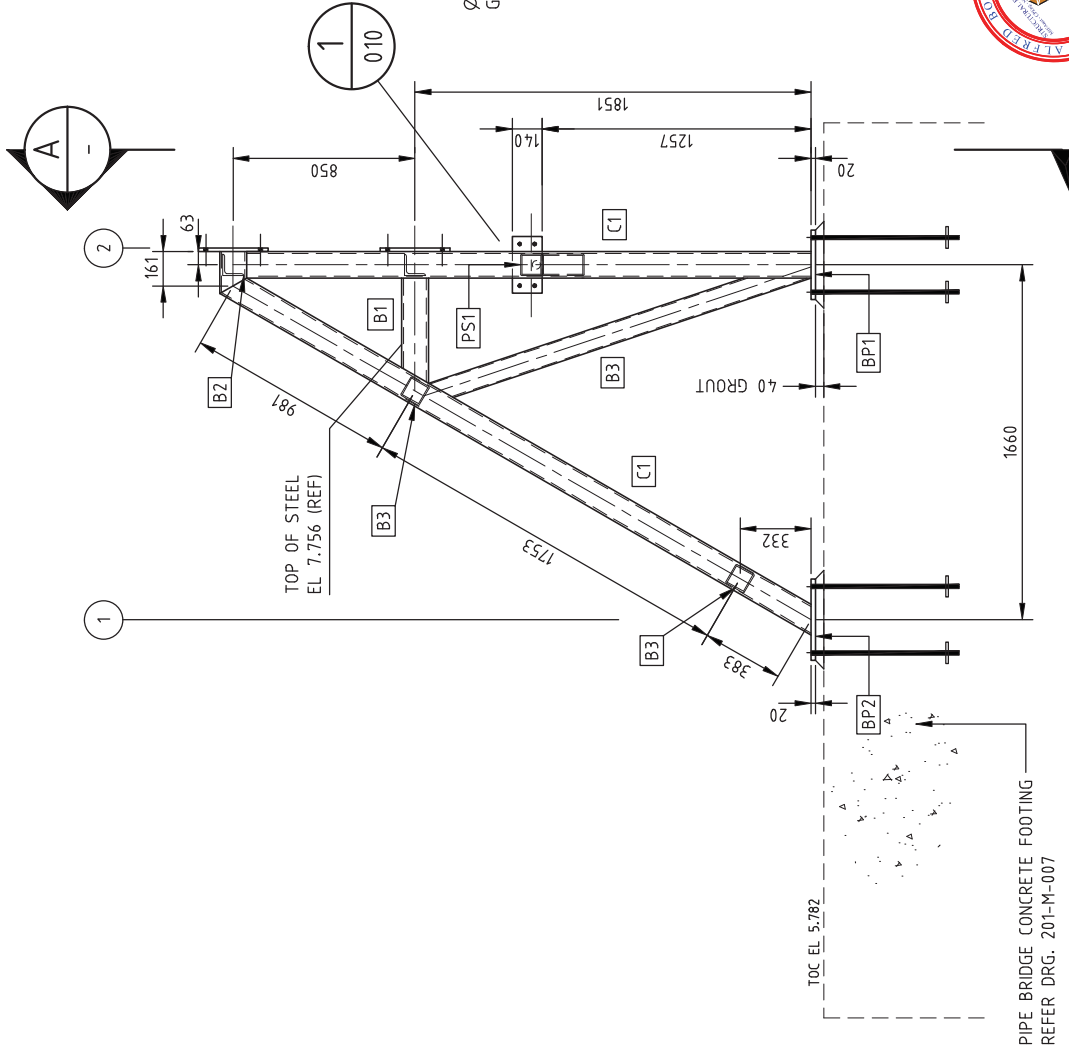
DRAWN	WJP	01/18	TITLE
CHECKED	AB	06/18	MACKAY PORT
APPROVED			DN350 PIPE BRIDGE
SCALE	1:25		FOOTING DETAILS
PROJECT	Q15020		DRAWING NUMBER
			201-M-004

DRAWING No	REV	A3	REV
201-M-002	A		1







**BRIDGE SECTION 1**  
SCALE 1:25

**SECTION A**  
SCALE 1:25

**PROJECT: Q15020**  
**APPROVED FOR CONSTRUCTION**  
21/06/2018

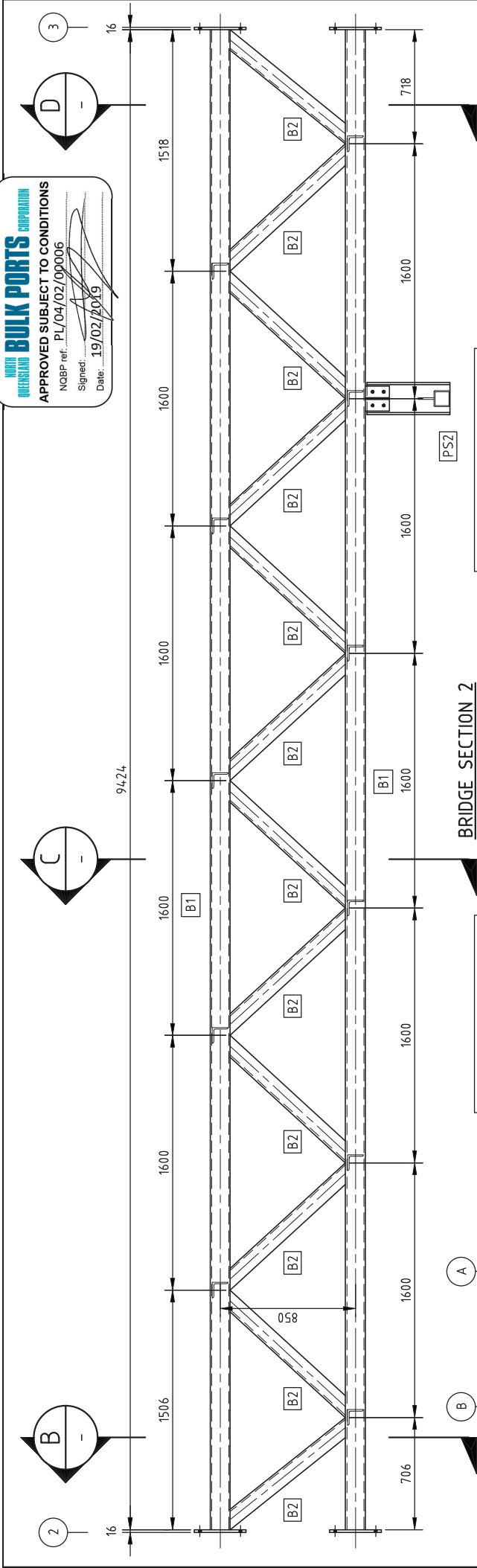


**WORTH BULK PORTS CORPORATION**  
**APPROVED SUBJECT TO CONDITIONS**  
NGBP ref: PL/04/02/00006  
Signed: \_\_\_\_\_  
Date: 19/02/2019

DRAWING No	201-M-002	GENERAL PLAN & ELEVATION	REV	A	REV	1
	REFERENCE DRAWING TITLE		REV	A3	DRAWING NUMBER 201-M-005	
DRAWN	WJP	01/18	TITLE MACKAY PORT			
CHECKED	AB	06/18	DN350 PIPE BRIDGE			
APPROVED			BRIDGE SECTION 1			
SCALE	1:25		DRAWING NUMBER 201-M-005			
PROJECT	Q15020		DRAWING NUMBER 201-M-005			

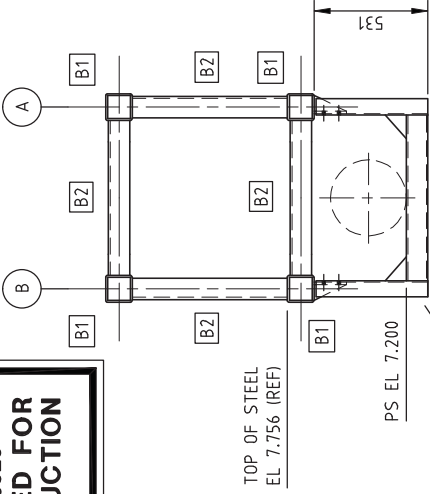
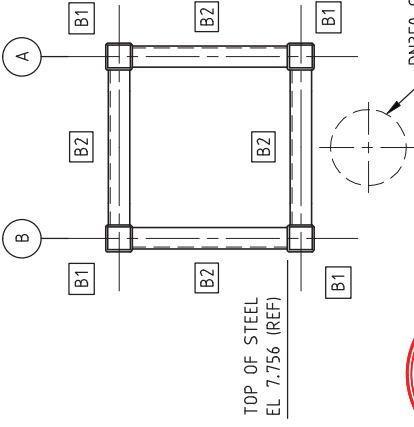
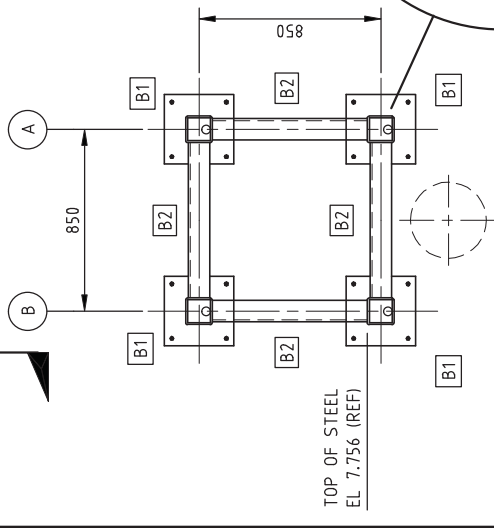


**ALFATEX BULK PORTS CORPORATION**  
 APPROVED SUBJECT TO CONDITIONS  
 NOBP ref. PL/04/02/09006  
 Signed: \_\_\_\_\_  
 Date: 19/02/2019



**PROJECT: Q15020**  
**APPROVED FOR CONSTRUCTION**  
**21/06/2018**

- LEGEND**
- B1 125x9 SHS
  - B2 100x10 EA
  - B3 100x6 SHS
  - C1 125x9 SHS
  - PS1 100x6 SHS
  - PS2 200PFC + 100x6 SHS
  - BP1 20mm BASEPLATE
  - BP2 20mm BASEPLATE
  - BP3 CUSTOM SLIP BASE



DRAWING No	REFERENCE DRAWING TITLE	REV	DESCRIPTION	BY	APP	DATE
		1	ISSUED FOR CONSTRUCTION	WJP	AB	21/06/18
		0	ISSUED FOR TENDER	WJP	JOC	24/05/18
		A	ISSUED FOR REVIEW	WJP	SH	18/01/18
201-M-002	GENERAL PLAN & ELEVATION					
<b>DRAWING No</b>	<b>REFERENCE DRAWING TITLE</b>	<b>REV</b>	<b>DESCRIPTION</b>	<b>BY</b>	<b>APP</b>	<b>DATE</b>

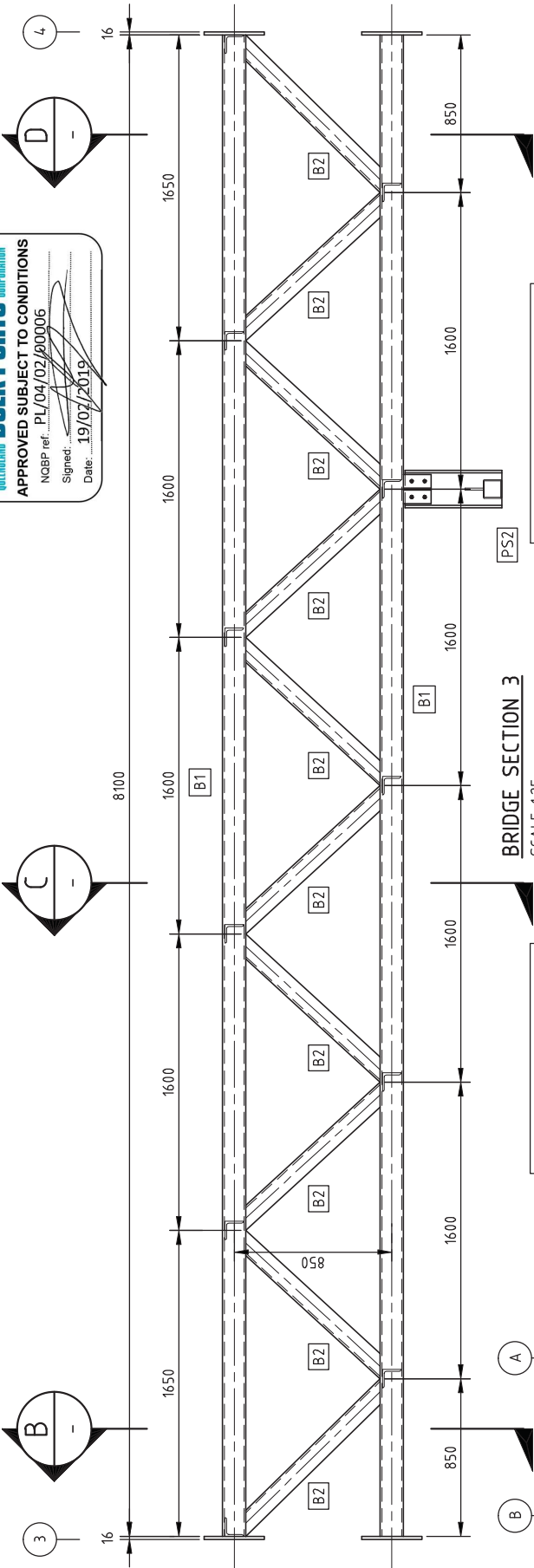
DRAWN	W/J P	01/18	TITLE
CHECKED	AB	06/18	MACKAY PORT
APPROVED			DN350 PIPE BRIDGE
SCALE	1:25		BRIDGE SECTION 2
PROJECT	Q15020		

DRAWING NUMBER	DRAWING NUMBER
201-M-006	201-M-006



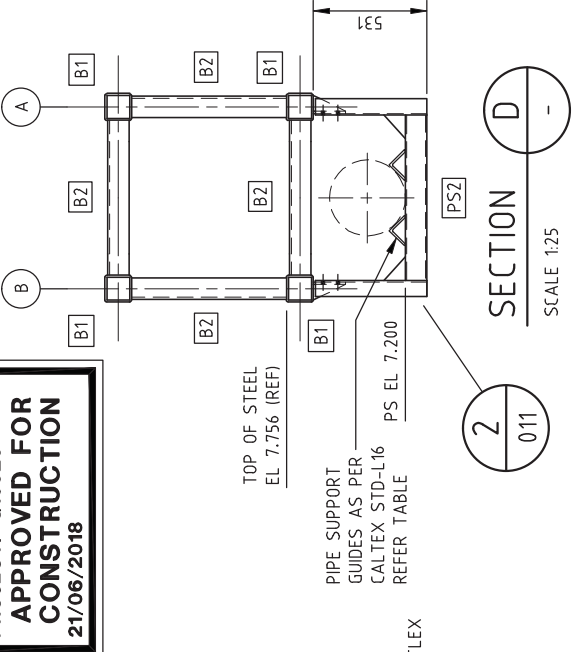
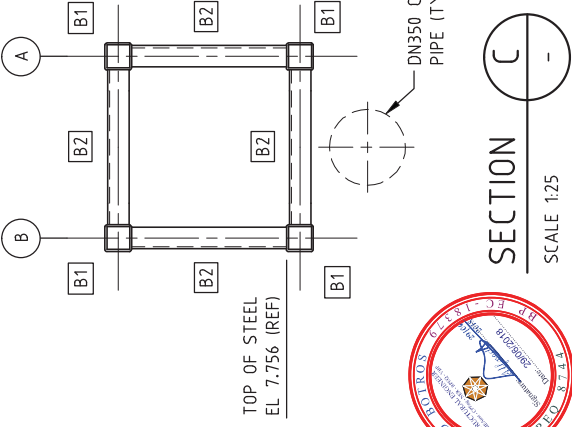
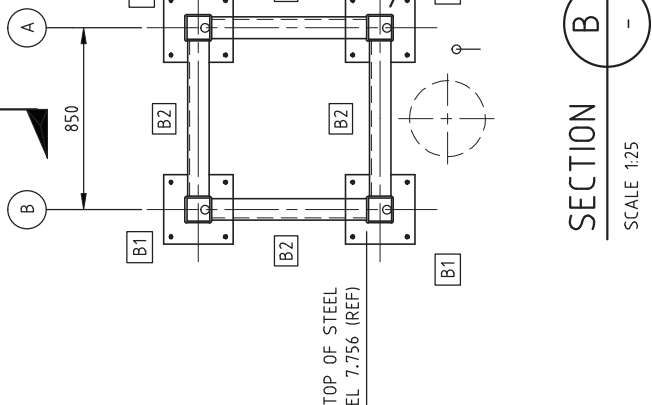
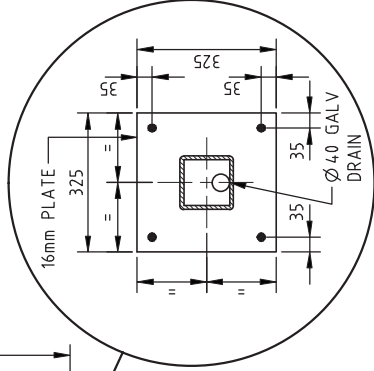
**NORTH BULK PORTS CORPORATION**  
**APPROVED SUBJECT TO CONDITIONS**  
 NCBP ref: PL/04/02/00006  
 Signed: [Signature]  
 Date: 19/07/2019



**BRIDGE SECTION 3**  
SCALE 1:25

**PROJECT: Q15020**  
**APPROVED FOR CONSTRUCTION**  
 21/06/2018

- LEGEND**
- B1 125x9 SHS
  - B2 100x10 EA
  - B3 100x6 SHS
  - C1 125x9 SHS
  - PS1 100x6 SHS
  - PS2 200PFC + 100x6 SHS
  - BP1 20mm BASEPLATE
  - BP2 20mm BASEPLATE
  - BP3 CUSTOM SLIP BASE



DRAWING No	REFERENCE DRAWING TITLE	REV	DESCRIPTION	BY	APP	DATE
201-M-002	GENERAL PLAN & ELEVATION	A	ISSUED FOR REVIEW	WJP	SH	18/01/18
		0	ISSUED FOR TENDER	WJP	JOC	24/05/18
		1	ISSUED FOR CONSTRUCTION	WJP	AB	21/06/18

DRAWN	W/J P	01/18	TITLE
CHECKED	AB	06/18	MACKAY PORT
APPROVED			DN350 PIPE BRIDGE
SCALE	1:25		BRIDGE SECTION 3
PROJECT	Q15020		

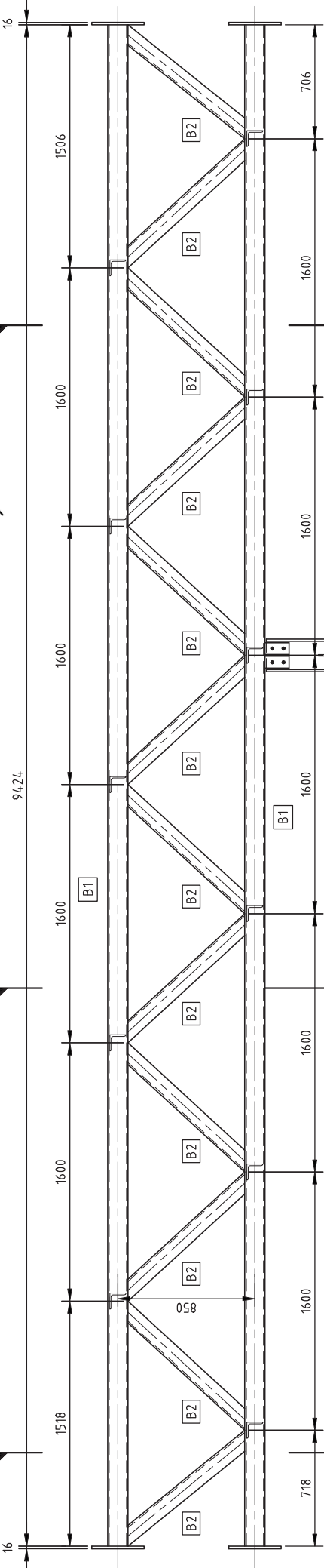
  

DRAWING NUMBER	DRAWING NUMBER
201-M-007	201-M-007

A3	REV
	1

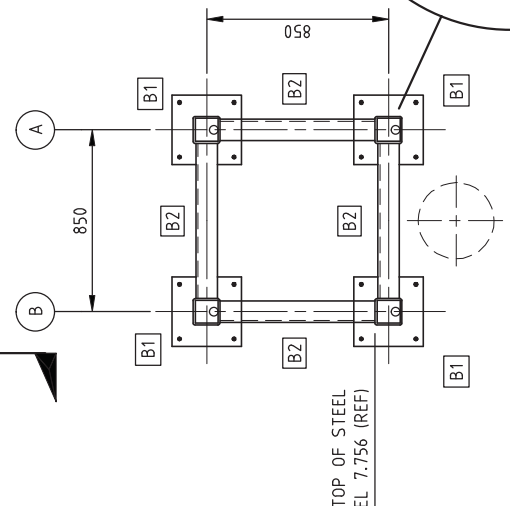
NATIONAL BULK PORTS CORPORATION  
 APPROVED SUBJECT TO CONDITIONS  
 NBSP ref. PL/04/02/00006  
 Signed: [Signature]  
 Date: 19/02/2019



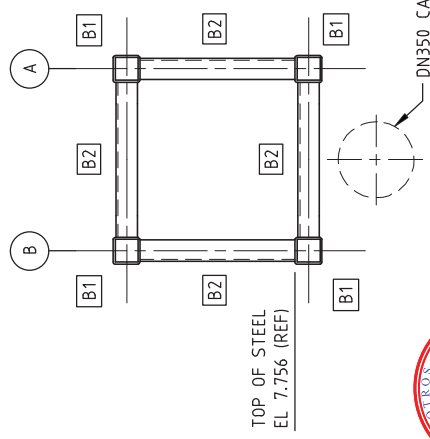
**BRIDGE SECTION 4**  
SCALE 1:25

**LEGEND**

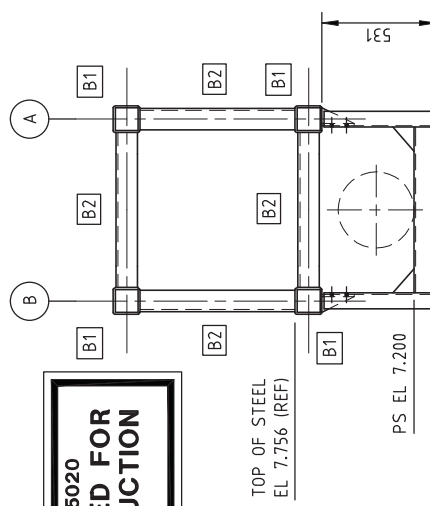
B1	125x9 SHS
B2	100x10 EA
B3	100x6 SHS
C1	125x9 SHS
PS1	100x6 SHS
PS2	200PFC + 100x6 SHS
BP1	20mm BASEPLATE
BP2	20mm BASEPLATE
BP3	CUSTOM SLIP BASE



**SECTION B**  
SCALE 1:25

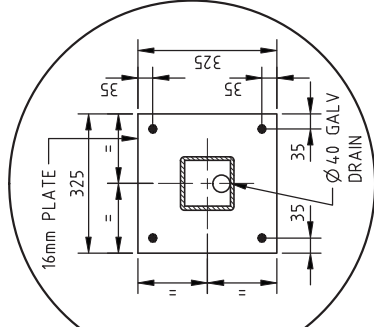


**SECTION C**  
SCALE 1:25



**SECTION D**  
SCALE 1:25

**PROJECT: Q15020**  
**APPROVED FOR CONSTRUCTION**  
 21/06/2018



DRAWING No	REFERENCE DRAWING TITLE	REV	DESCRIPTION	BY	APP	DATE
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		0	ISSUED FOR TENDER	WJP	JOC	24/05/18
201-M-002	GENERAL PLAN & ELEVATION	A	ISSUED FOR REVIEW	WJP	SH	18/01/18

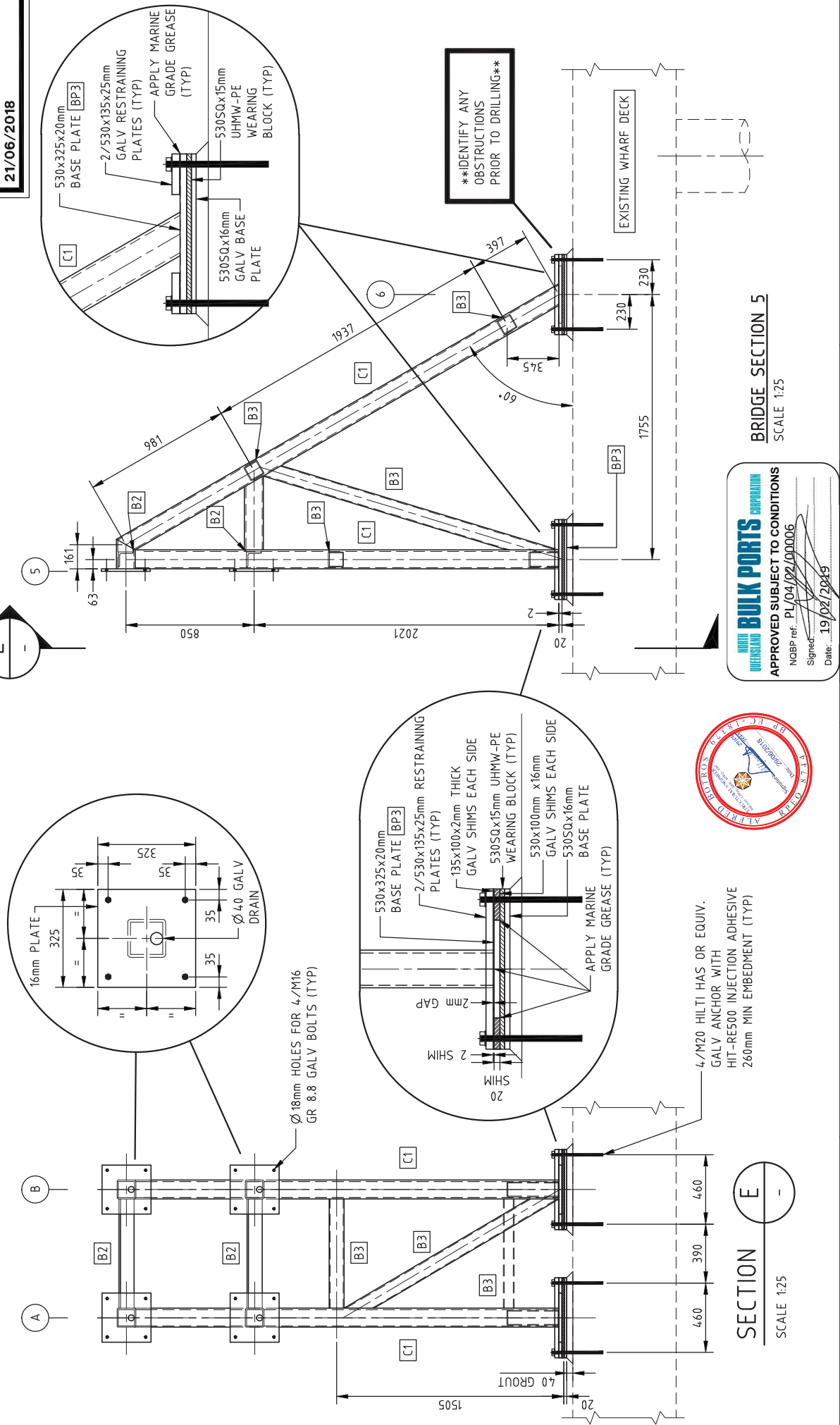
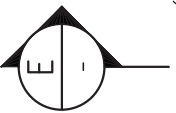
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				WJP	AB	21/06/18
				WJP	JOC	24/05/18
				WJP	SH	18/01/18
				WJP	AB	06/18
				WJP	AB	01/18

DRAWING NUMBER	PROJECT	SCALE	APPROVED	CHECKED	W/J P	DRAWN	TITLE
201-M-008	Q15020	1:25	[Signature]	[Signature]	WJP	AB	MACKAY PORT DN350 PIPE BRIDGE BRIDGE SECTION 4
A3							
REV							



**PROJECT: Q15020**  
**APPROVED FOR CONSTRUCTION**  
**21/06/2018**



**APPROVED SUBJECT TO CONDITIONS**  
 NQBP ref: PL/04/02/00006  
 Signature: \_\_\_\_\_  
 Date: 19/02/2018

**SECTION E**  
 SCALE 1:25

**BRIDGE SECTION 5**  
 SCALE 1:25

DRAWING No	REFERENCE DRAWING TITLE	REV	DESCRIPTION	BY	APP	DATE
201-M-002	GENERAL PLAN & ELEVATION	A	ISSUED FOR REVIEW	SH	JOC	18/01/18
		0	ISSUED FOR TENDER	JOC	JOC	24/05/18
		1	REVISED SLIP JOINTS	AB	AB	20/06/18
		2	ISSUED FOR CONSTRUCTION	AB	AB	21/06/18

DRAWN	W/JP	01/18	TITLE
CHECKED	AB	06/18	MACKAY PORT
APPROVED			DN350 PIPE BRIDGE
SCALE	1:25		BRIDGE SECTION 5
PROJECT	Q15020		

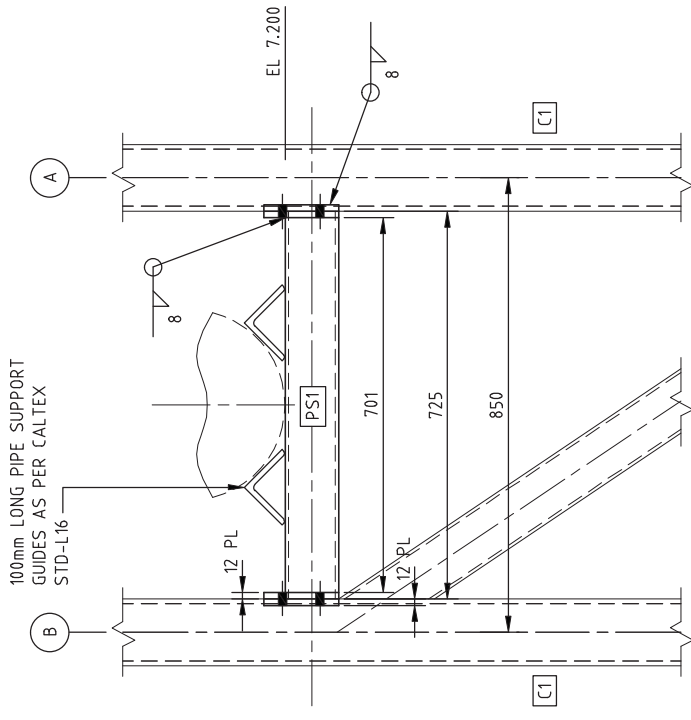
  

DRAWING NUMBER	REV
201-M-009	2

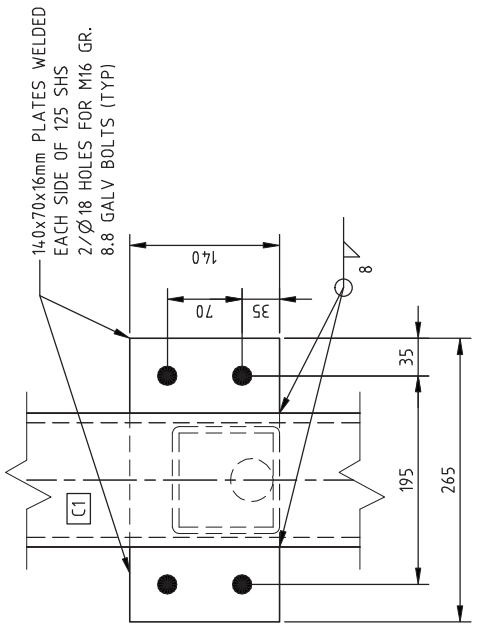


THIS DRAWING AND DESIGN MUST BE COVERED IN WHOLE OR PART WITHOUT THE WRITTEN CONSENT OF CALTEX REFINERIES (QLD) PTY LTD

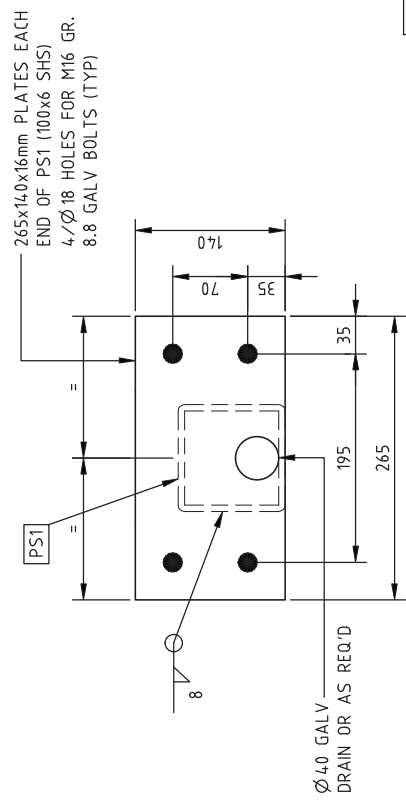
**MOHIB BULK PORTS CORPORATION**  
**OVERSEASIAN BULK PORTS CORPORATION**  
 APPROVED SUBJECT TO CONDITIONS  
 NGBP ref: PL/04/27/00006  
 Signed: *[Signature]*  
 Date: 19/02/2019



**DETAIL 1**  
 SCALE 1:10  
**PIPE SUPPORT 1 (PS1)**



**C1 COLUMN CLEAT PLATES - DETAIL**  
 SCALE NTS



**PS1 END PLATES - DETAIL**  
 SCALE NTS

**PROJECT: Q15020**  
**APPROVED FOR CONSTRUCTION**  
 21/06/2018

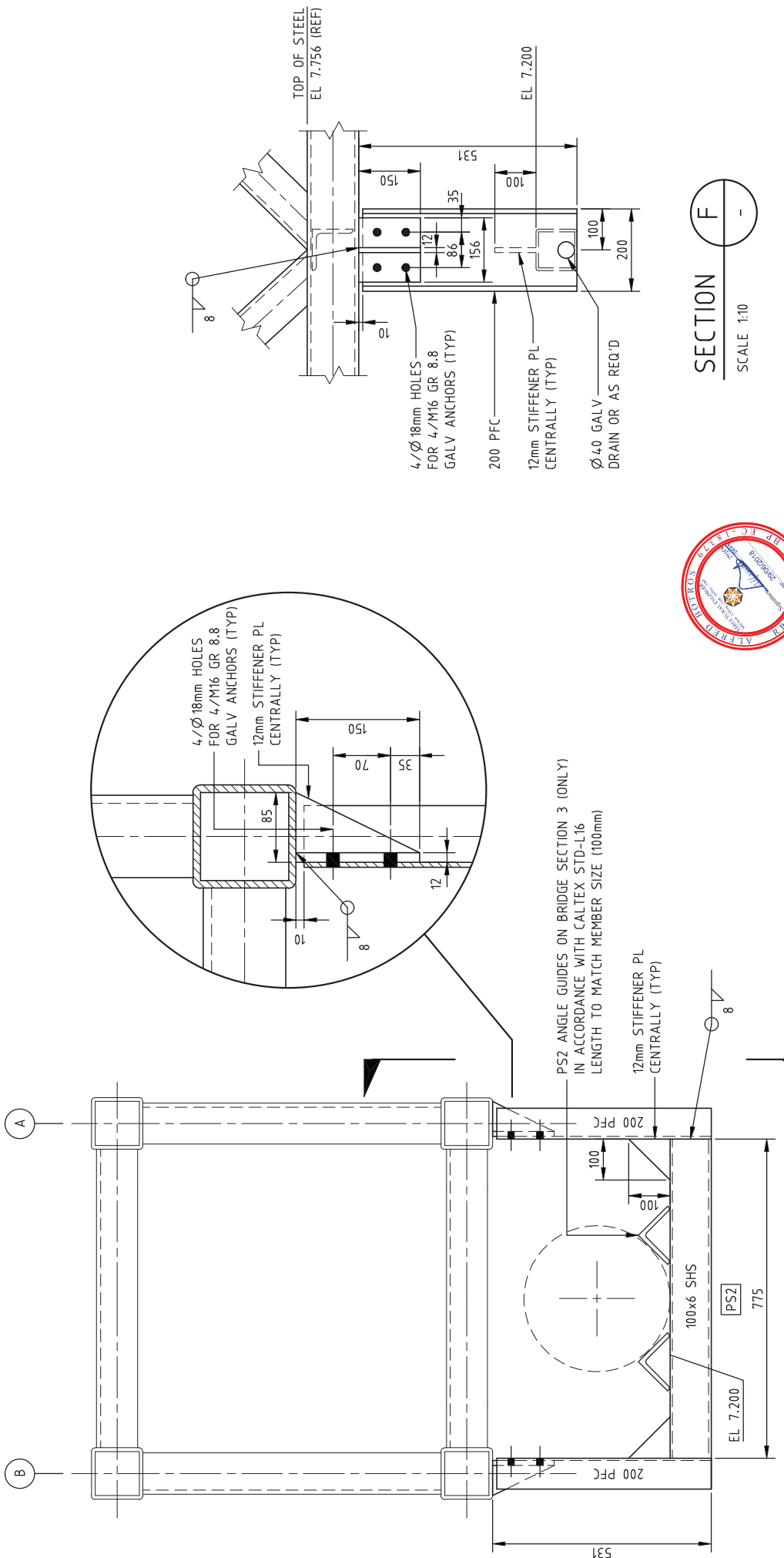
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		1	ISSUED FOR CONSTRUCTION	WJP	AB	21/06/18

DRAWN	W/JP	01/18	TITLE
CHECKED	AB	06/18	MACKAY PORT
APPROVED			DN350 PIPE BRIDGE
SCALE	1:10		DETAILS SHEET 1 - 2
PROJECT	Q15020		DRAWING NUMBER
			201-M-010

A3	REV
	1



**SECTION F**  
SCALE 1:10

**DETAIL 2**  
SCALE 1:10  
**3 LOCATIONS**



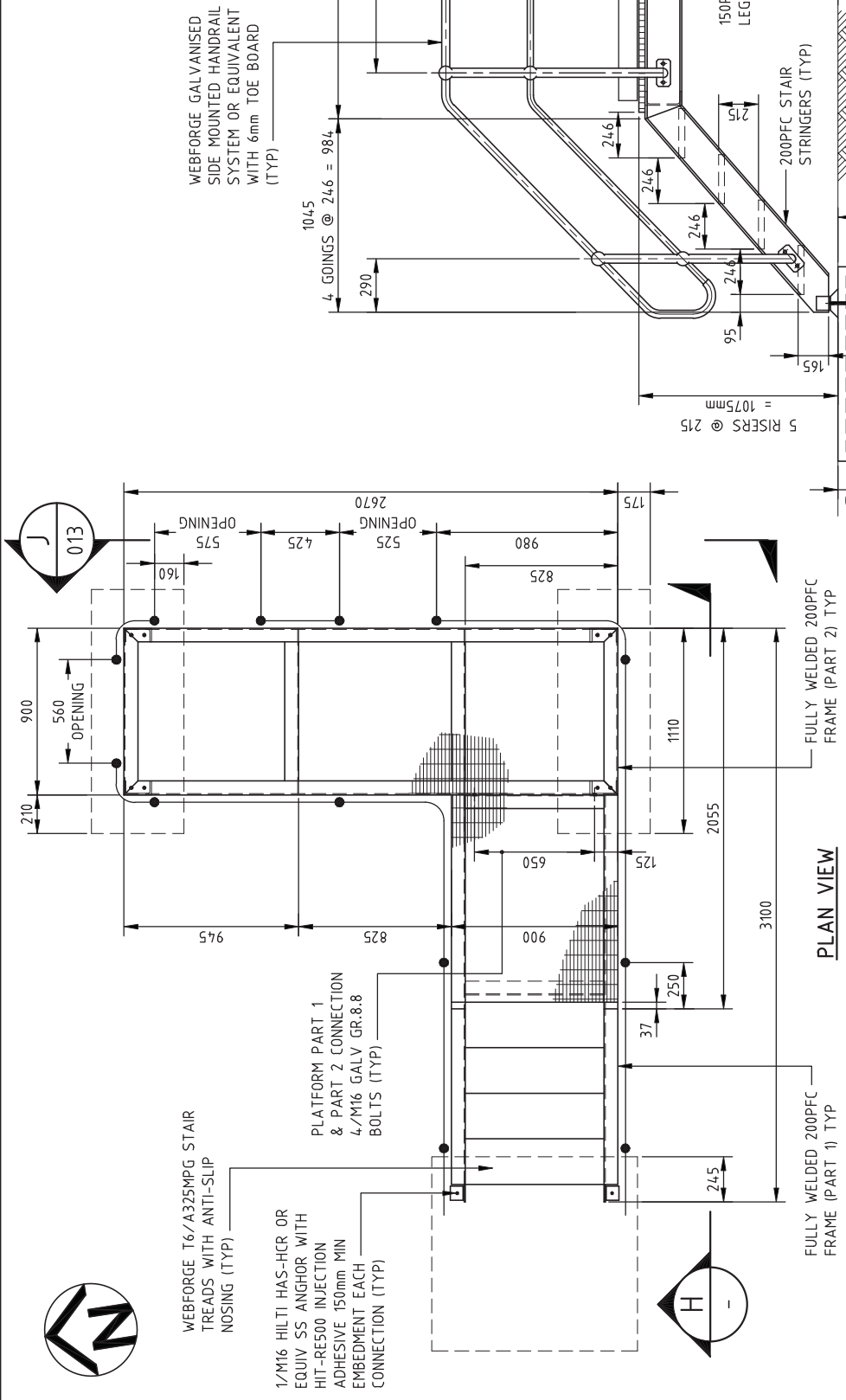
**NORTH QUEENSLAND BULK PORTS CORPORATION**  
APPROVED SUBJECT TO CONDITIONS  
NOBP ref: PL/04/02/00006  
Signed: [Signature]  
Date: 19/02/2018

**PROJECT: Q15020**  
**APPROVED FOR CONSTRUCTION**  
**21/06/2018**

DRAWING No	STD-L16	PIPE GUIDES DN150 - DN600	REV	DESCRIPTION	BY	APP	DATE
	201-M-008	BRIDGE SECTION 4	1	ISSUED FOR CONSTRUCTION	WJP	AB	21/06/18
	201-M-007	BRIDGE SECTION 3	0	ISSUED FOR TENDER	WJP	JOC	24/05/18
	201-M-006	BRIDGE SECTION 2	A	ISSUED FOR REVIEW	WJP	SH	18/01/18
<b>DRAWING TITLE</b>	<b>REFERENCE DRAWING TITLE</b>						
<b>DRAWN</b>	WJP	01/18					
<b>CHECKED</b>	AB	06/18					
<b>APPROVED</b>							
<b>SCALE</b>		1:10					
<b>PROJECT</b>	Q15020						
<b>TITLE</b>	MACKAY PORT DN350 PIPE BRIDGE DETAILS SHEET 2 - 2						
<b>DRAWING NUMBER</b>	201-M-011						
<b>REV</b>	A3						
							1

**PROJECT: Q15020**  
**APPROVED FOR CONSTRUCTION**  
**21/06/2018**

**ALBERT BULK PORTS CORPORATION**  
 APPROVED SUBJECT TO CONDITIONS  
 NGBP ref: PL/04/02/00996  
 Signed: [Signature]  
 Date: 19/03/2018



**CONCRETE NOTES:**

- ALL WORK TO BUILDING CODE OF AUST., AS 3600 & CALTEX STD 40.06.CES.CIV.LA.850-L
- CONCRETE STRENGTHS  $f_c$  TO BE 32 MPa
- MAX AGGREGATE SIZE = 20mm
- SLUMP = 80 +/- 15mm
- CONSOLIDATE BY VIBRATION
- ALL FORMWORK TO BE IN ACCORDANCE WITH AS 1509
- CURE CONCRETE MIN 7 DAYS
- COVER TO REINFORCEMENT MIN 50mm BOTTOM/SIDES & TOP

**SECTION H**  
 SCALE 1:25

CONNECTION TO SLAB  
 REFER CALTEX STD DRG  
 STD-M21/1 (TYP)

110x1050 CONCRETE  
 STAIR SLAB WITH  
 2 LAYERS SL81 MESH  
 (TYP)



DRAWING No	REFERENCE DRAWING TITLE	REV	DESCRIPTION	BY	APP	DATE
		1	ISSUED FOR CONSTRUCTION	WJP	AB	21/06/18
		0	ISSUED FOR TENDER	WJP	JOC	24/05/18
		B	REMOVED LIGHT	WJP	SH	15/05/18
		A	ISSUED FOR REVIEW	WJP	JOC	18/01/18

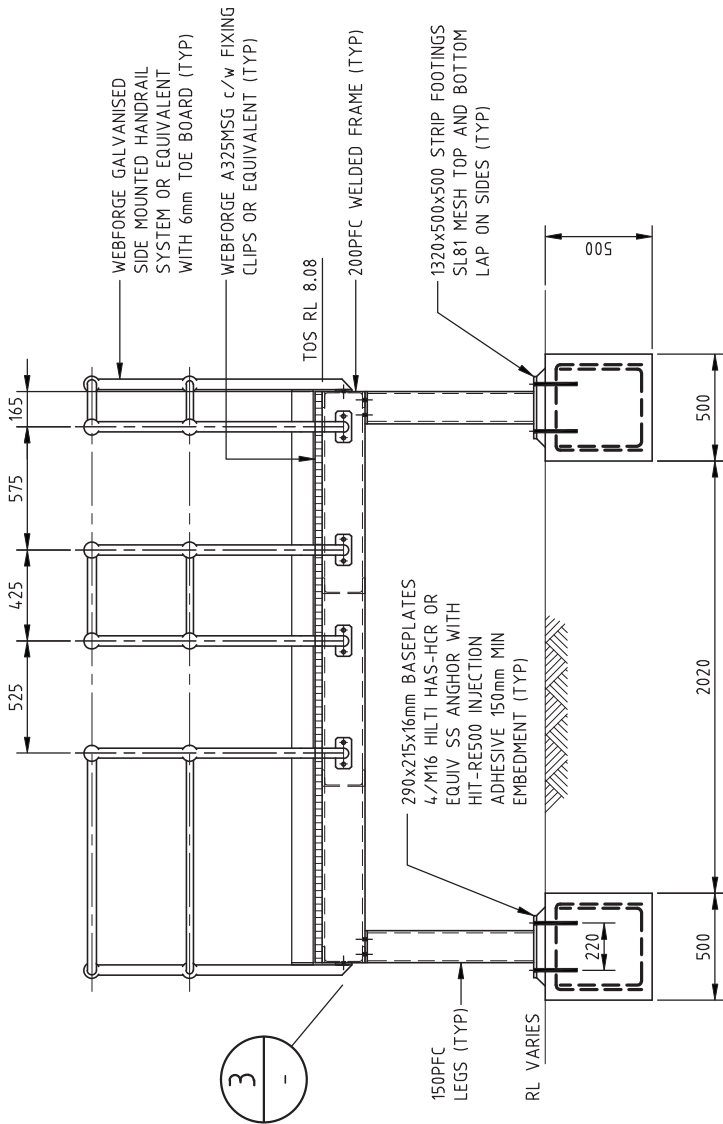
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CHECKED	AB	06/18	MACKAY PORT VALVE ACCESS PLATFORM PLAN & SECTIONS
APPROVED			
SCALE	1:25		
PROJECT	Q15020		

DRAWING NUMBER	REV
201-M-012	1







3 -

SECTION J  
SCALE 1:25

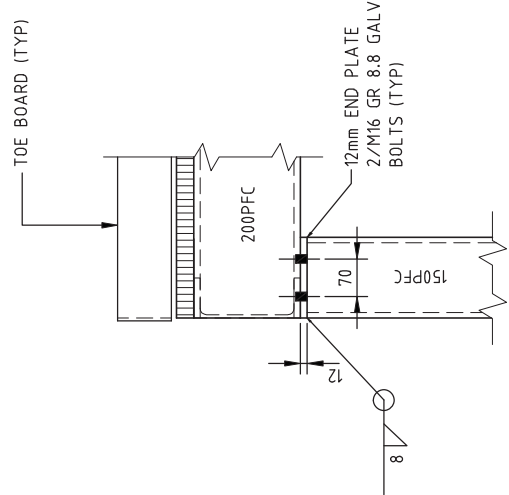
**APPROVED FOR CONSTRUCTION**  
 NGBP ref. PL/04/20190006  
 Signed: [Signature]  
 Date: 19/02/2018

**PROJECT: Q15020**  
**APPROVED FOR CONSTRUCTION**  
 21/06/2018



DRAWING No	REFERENCE DRAWING TITLE	REV	DESCRIPTION	BY	APP	DATE
		1	ISSUED FOR CONSTRUCTION	WJP	AB	21/06/18
		0	ISSUED FOR TENDER	WJP	JOC	24/05/18
		A	ISSUED FOR REVIEW	WJP	SH	18/01/18

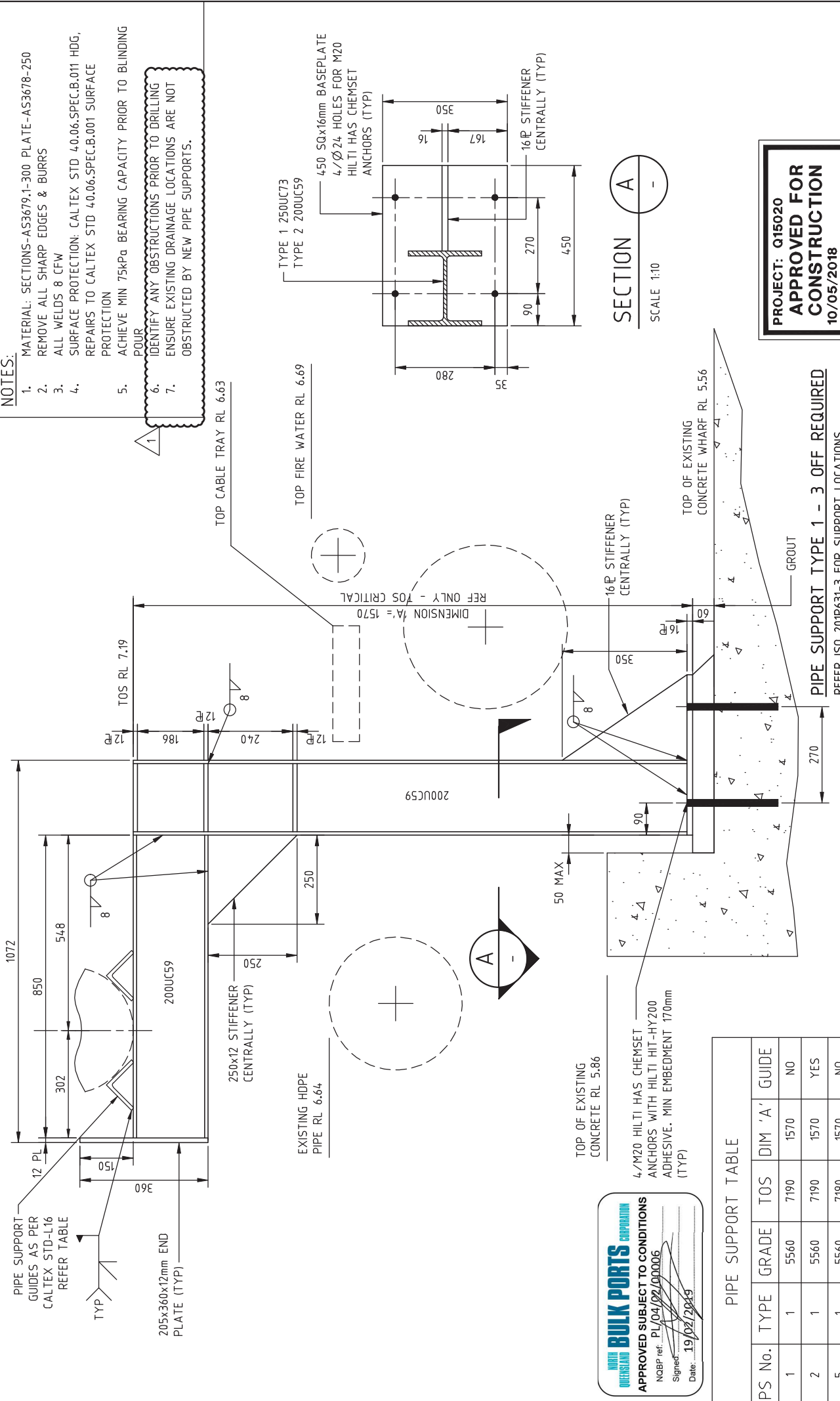
DRAWN	WJP	01/18	TITLE
CHECKED	AB	06/18	MACKAY PORT VALVE ACCESS PLATFORM SECTIONS & DETAILS
APPROVED			
SCALE	1:25		DRAWING NUMBER
PROJECT	Q15020		201-M-013



DETAIL 3 -  
SCALE NTS

**STRUCTURAL STEELWORK NOTES:**

- EXCEPT WHERE OTHERWISE SHOWN:
  - ALL CLEAT PLATES SHALL BE MIN 12mm THICK
  - ALL BASE PLATES SHALL BE MIN 16mm THICK (OR AS SHOWN).
  - ALL BOLTS INC. CHEMSETS SHALL BE GALV GR 8.8 TO AS1252/8.8/S UNO.
- BOLT HOLE SIZES IN MEMBERS SHALL BE:
  - M12 BOLTS - Ø14 HOLE
  - M16 BOLTS - Ø18 HOLE
  - M20 BOLTS - Ø22 HOLE (UNLESS FOR CHEMSETS Ø24)
- ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS 4100 & CALTEX STD 40.06.M.001 INC ALL OTHER STRUCTURAL STEELWORK CODES.
- MATERIAL TO BE CARBON STEEL WITH BATCH CERTS & HEAT NUMBERS & STEEL GRADES SHALL BE AS FOLLOWS (UNO):
  - CHANNELS, ANGLES GRADE 300 TO AS 3679
  - HOLLOW SECTIONS GRADE 450 TO AS 1163
  - PLATES GRADE 350 TO AS 3678
- ALL WELDS TO BE 8mm CFW UNO
- STEEL SURFACE FINISH: HOT DIP GALV TO CALTEX STD 40.06.B.011
- REPAIRS TO SURFACE FINISH: TO CALTEX STD 40.06.B.001
- HOLES AND SLOTS TO BE DRILLED OR PUNCHED - DO NOT FLAME CUT
- REMOVE SHARP EDGES AND BURRS



- NOTES:**
1. MATERIAL: SECTIONS-AS3679;1-300 PLATE-AS3678-250
  2. REMOVE ALL SHARP EDGES & BURRS
  3. ALL WELDS 8 CFW
  4. SURFACE PROTECTION: CALTEX STD 4.0.06.SPEC.B.011 HDG, REPAIRS TO CALTEX STD 4.0.06.SPEC.B.001 SURFACE PROTECTION
  5. ACHIEVE MIN 75kPa BEARING CAPACITY PRIOR TO BLINDING POUR
  6. IDENTIFY ANY OBSTRUCTIONS PRIOR TO DRILLING
  7. ENSURE EXISTING DRAINAGE LOCATIONS ARE NOT OBSTRUCTED BY NEW PIPE SUPPORTS.

**OVERSEAS BULK PORTS CORPORATION**  
**APPROVED SUBJECT TO CONDITIONS**  
 NGBP ref. PL/04/02/00006  
 Signed: \_\_\_\_\_  
 Date: 19/02/2019

PS No.	TYPE	GRADE	TOS	DIM 'A'	GUIDE
1	1	5560	7190	1570	NO
2	1	5560	7190	1570	YES
5	1	5560	7190	1570	NO

**PROJECT: Q15020**  
**APPROVED FOR CONSTRUCTION**  
 10/05/2018

DRAWING No	REFERENCE	DRAWING TITLE	REV
201-L-002 - 003	PIPING LAYOUTS		
201P631-3	PIPING ISO		

DRAWN	MDG	17/04/18
CHECKED	KJM	06/06/18
APPROVED	SH	11/06/18
SCALE	1:10	
PROJECT	Q15020	

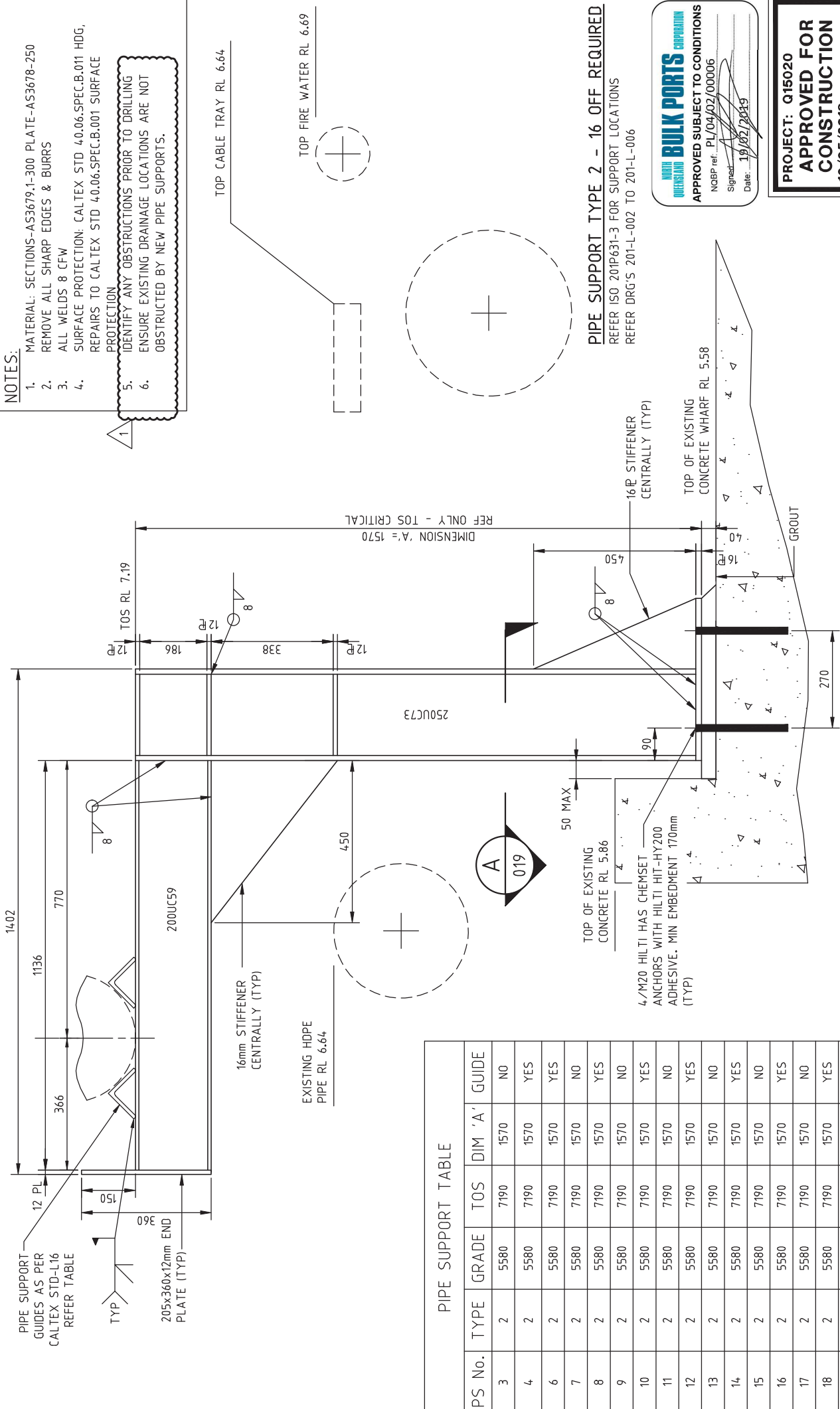
TITLE	MDG	17/04/18
CALTEX PRODUCTS PIPELINES	KJM	06/06/18
MACKAY LR PIPELINE	SH	11/06/18
PIPE SUPPORT DETAILS - TYPE 1	1:10	
DRAWING NUMBER		
201-PS-001		

DRAWING No	REFERENCE	DRAWING TITLE	REV



DRAWING No	REFERENCE	DRAWING TITLE	REV



- NOTES:**
- MATERIAL: SECTIONS-AS3679,1-300 PLATE-AS3678-250
  - REMOVE ALL SHARP EDGES & BURRS
  - ALL WELDS 8 CFW
  - SURFACE PROTECTION: CALTEX STD 4.0.06.SPEC.B.011 HDG, REPAIRS TO CALTEX STD 4.0.06.SPEC.B.001 SURFACE PROTECTION
  - IDENTIFY ANY OBSTRUCTIONS PRIOR TO DRILLING
  - ENSURE EXISTING DRAINAGE LOCATIONS ARE NOT OBSTRUCTED BY NEW PIPE SUPPORTS.

1

PIPE SUPPORT TABLE

PS No.	TYPE	GRADE	TOS	DIM 'A'	GUIDE
3	2	5580	7190	1570	NO
4	2	5580	7190	1570	YES
6	2	5580	7190	1570	YES
7	2	5580	7190	1570	NO
8	2	5580	7190	1570	YES
9	2	5580	7190	1570	NO
10	2	5580	7190	1570	YES
11	2	5580	7190	1570	NO
12	2	5580	7190	1570	YES
13	2	5580	7190	1570	NO
14	2	5580	7190	1570	YES
15	2	5580	7190	1570	NO
16	2	5580	7190	1570	YES
17	2	5580	7190	1570	NO
18	2	5580	7190	1570	YES
19	2	5580	7190	1570	NO

**PIPE SUPPORT TYPE 2 - 16 OFF REQUIRED**  
 REFER ISO 201P631-3 FOR SUPPORT LOCATIONS  
 REFER DRG'S 201-L-002 TO 201-L-006

**NUROL BULK PORTS CORPORATION**  
 APPROVED SUBJECT TO CONDITIONS  
 NGBP ref: PL/04/02/00006  
 Signed: \_\_\_\_\_  
 Date: 19/02/2018

**PROJECT: Q15020**  
**APPROVED FOR CONSTRUCTION**  
 10/05/2018

DRAWING No	REFERENCE	DRAWING TITLE	REV
201-L-002 - 006	PIPING LAYOUTS		
201P631-3	PIPING ISO		

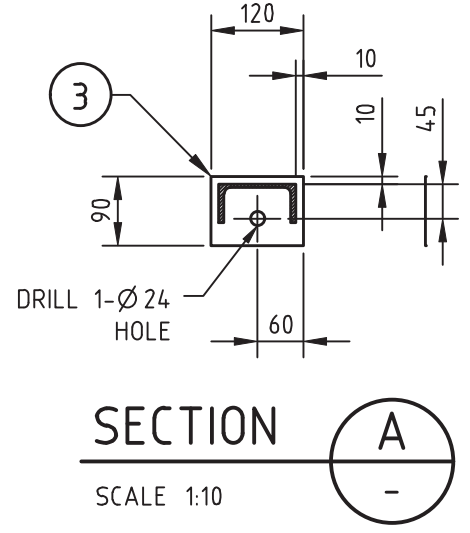
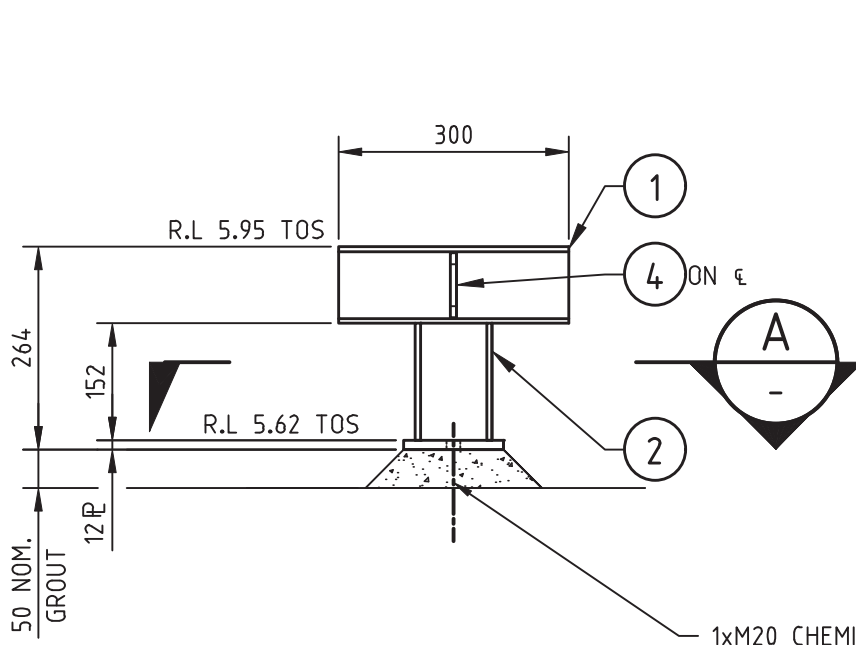
  

DRAWN	MDG	17/04/18	TITLE	CALTEX PRODUCTS PIPELINES
CHECKED	KJM	06/06/18		MACKAY LR PIPELINE
APPROVED	SH	11/06/18		PIPE SUPPORT DETAILS - TYPE 2
SCALE		1:10		
PROJECT		Q15020		

DRAWING NUMBER	A3	REV
201-PS-002		1





**PIPE SUPPORT TYPE 7**

PS-45 TO PS-52  
 No. REQ'D: 7 OFF  
 SCALE 1:10

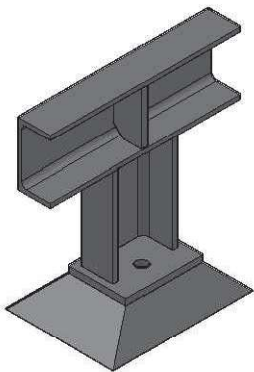
1xM20 CHEMICAL ANCHOR  
 170mm EMBEDMENT.  
 HILTI HAS ROD WITH  
 HILTI HIT-HY200. C/W OVERSIZE  
 WASHERS

**ISSUED FOR REVIEW**  
 DATE: 12/09/2018  
**DO NOT CONSTRUCT**

**NORTH QUEENSLAND BULK PORTS CORPORATION**  
 APPROVED SUBJECT TO CONDITIONS  
 NQBP ref: PL/04/02/00006  
 Signed: \_\_\_\_\_  
 Date: 19/02/2019

**NOTES:**

1. MATERIAL: SECTIONS-AS3679.1-300 PLATE-AS3678-250
2. REMOVE ALL SHARP EDGES & BURRS
3. ALL WELDS 8 CFW
4. SURFACE PROTECTION: CALTEX STD 40.06.SPEC.B.011 HDG, REPAIRS TO CALTEX STD 40.06.SPEC.B.001 SURFACE PROTECTION
5. IDENTIFY ANY OBSTRUCTIONS PRIOR TO DRILLING
6. ENSURE EXISTING DRAINAGE LOCATIONS ARE NOT OBSTRUCTED BY NEW PIPE SUPPORTS.



**ISO VIEW**  
 SCALE NTS

MATERIAL LIST				
ITEM	No. REQ'D	DESCRIPTION	LENGTH	WIDTH
1	7	100 PFC	300	-
2	7	100PFC	152	-
3	7	12 ̢	120	90
4	7	40x10 ̢	84	-

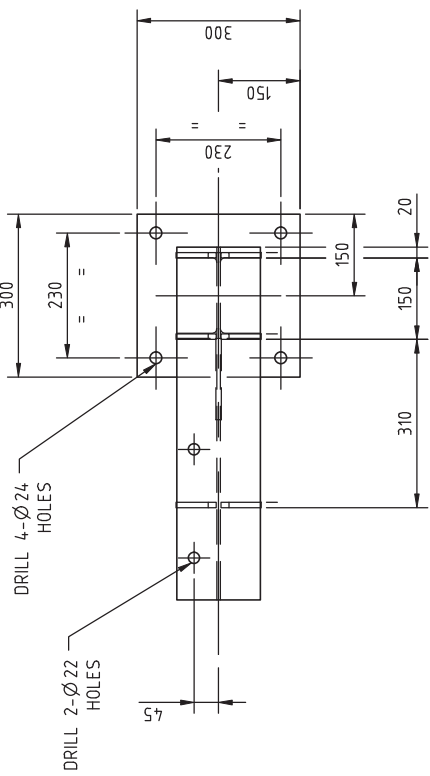
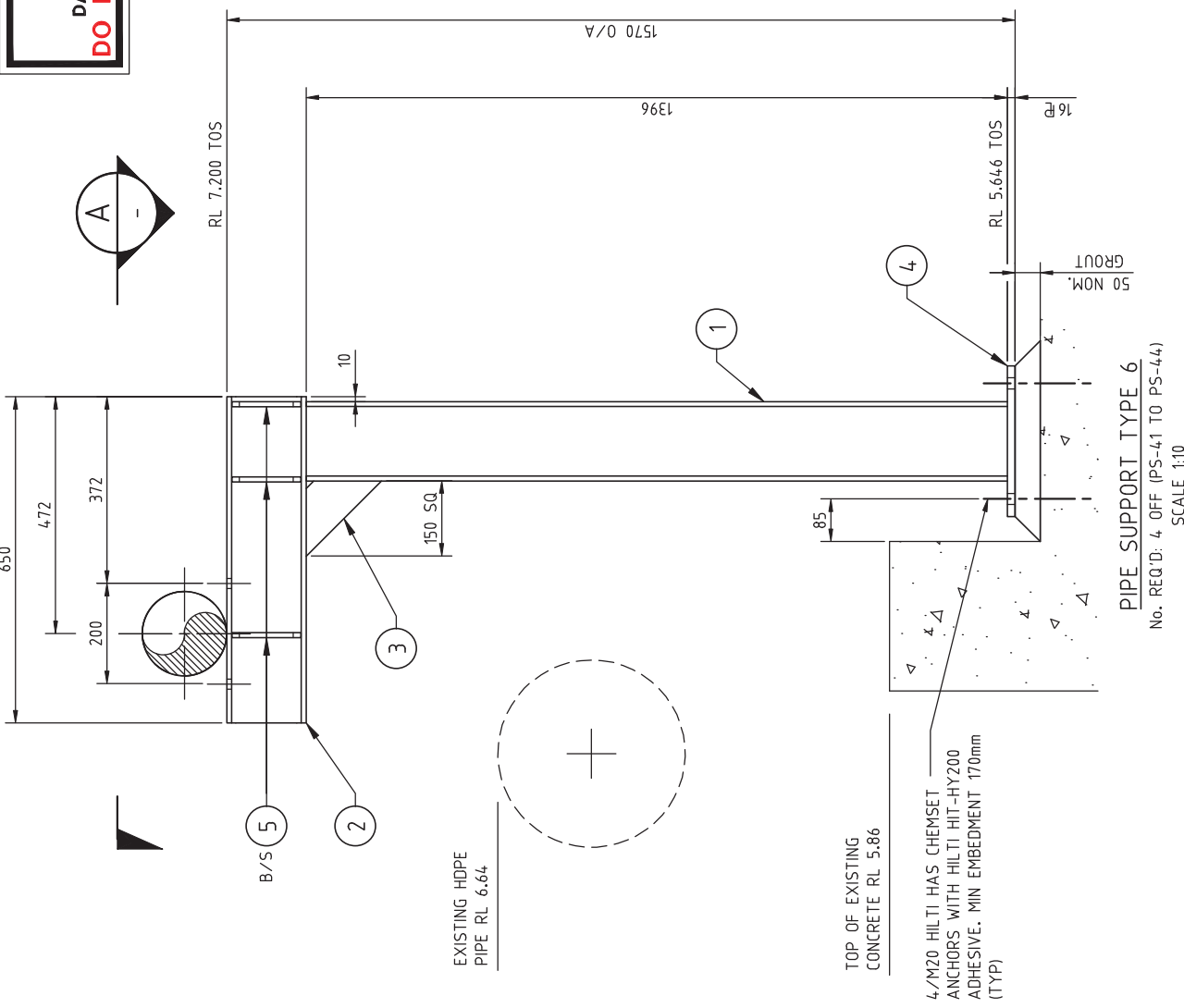
REV	DESCRIPTION	BY	APP	DATE	REV	DESCRIPTION	BY	APP	DATE	
					A	ISSUED FOR APPROVAL		DMB		
<b>CALTEX</b> Caltex Refineries (Qld) Pty Ltd ABN 46 008 425 581					<b>TITLE</b> CALTEX PRODUCTS PIPELINES MACKAY LR PIPELINE PIPE SUPPORT DETAILS - TYPE 7					
<b>DRAWN</b>			DMB	11/09/18	<b>DRAWING NUMBER</b>					
<b>CHECKED</b>					201-PS-005				<b>A4</b>	<b>REV</b>
<b>APPROVED</b>									<b>A</b>	
<b>SCALE</b>			1:10							
<b>PROJECT</b>			Q15020							

**ISSUED FOR REVIEW**  
 DATE: 12/09/2018  
**DO NOT CONSTRUCT**

MATERIAL LIST				
ITEM	No. REQ'D	DESCRIPTION	LENGTH	WIDTH
1	4	150UC30	1396	-
2	4	150UC30	650	-
3	4	150x12 IE	150	-
4	4	16 IE	300	300
5	24	65x12 IE	137	-

**NOTES:**

1. MATERIAL: SECTIONS-AS3679;1-300 PLATE-AS3678-250
2. REMOVE ALL SHARP EDGES & BURRS
3. ALL WELDS 8 CFW
4. SURFACE PROTECTION: CALTEX STD 4.0.06.SPEC.B.011 HDG, REPAIRS TO CALTEX STD 4.0.06.SPEC.B.001 SURFACE PROTECTION
5. IDENTIFY ANY OBSTRUCTIONS PRIOR TO DRILLING
6. ENSURE EXISTING DRAINAGE LOCATIONS ARE NOT OBSTRUCTED BY NEW PIPE SUPPORTS.



SECTION A  
 SCALE 1:10

**NORTH ISLAND BULK PORTS CORPORATION**  
 APPROVED SUBJECT TO CONDITIONS  
 NOBP ref: PL/04/02/00005  
 Signed:   
 Date: 19/02/2019

**PIPE SUPPORT TYPE 6**  
 No. REQ'D: 4 OFF (PS-41 TO PS-44)  
 SCALE 1:10

DRAWING No	REFERENCE DRAWING TITLE	REV	DESCRIPTION	BY	APP	DATE
Q15020-SK-001	WHARF FIRE SUPPRESSION CONCEPT	A	ISSUED FOR APPROVAL	DB		10/09/18

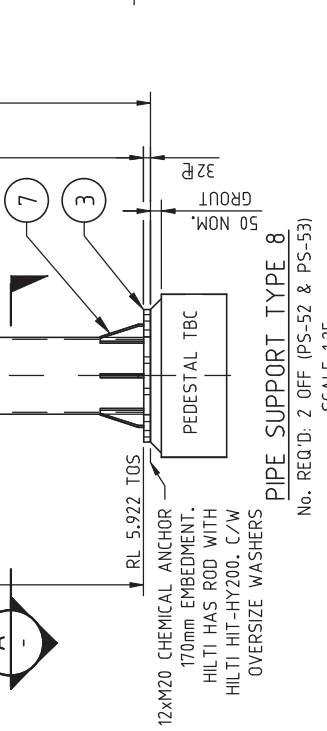
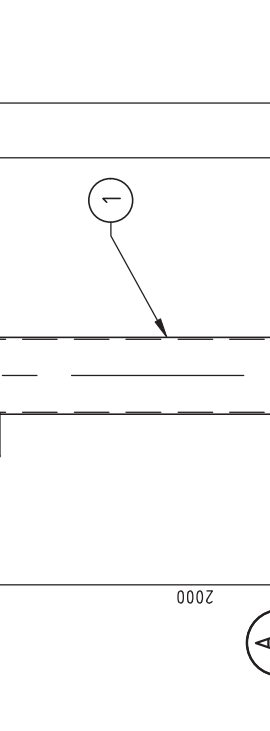
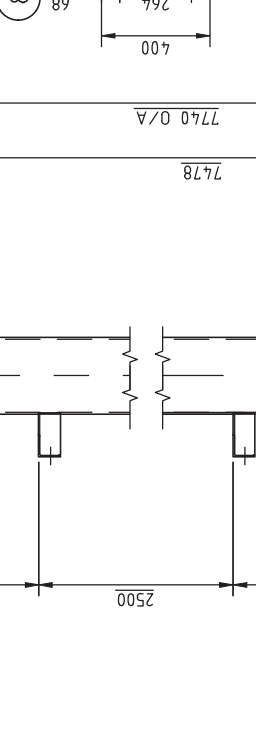
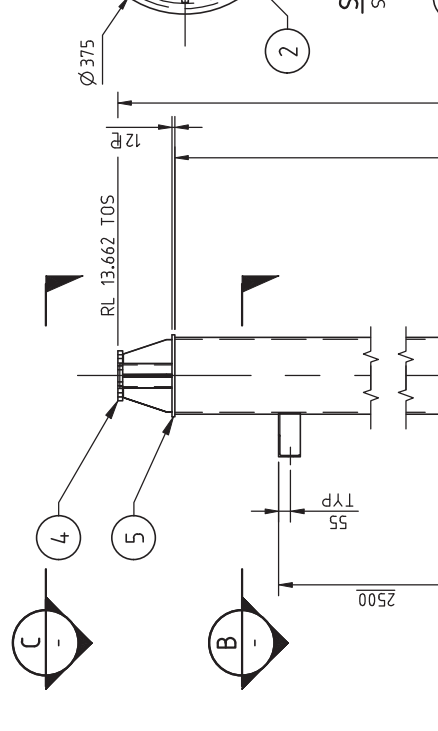
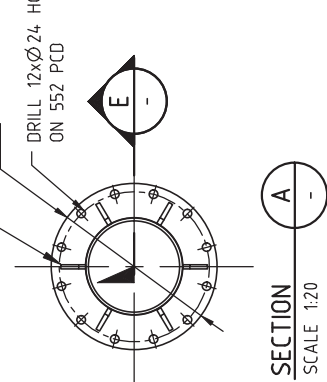
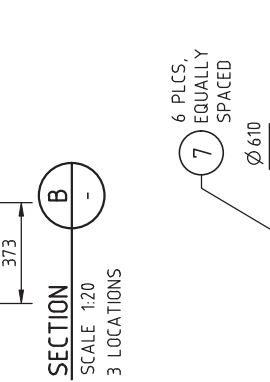
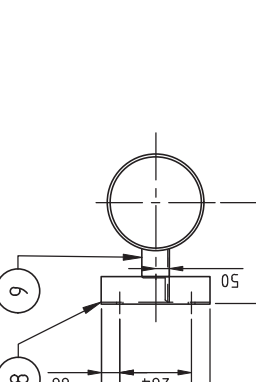
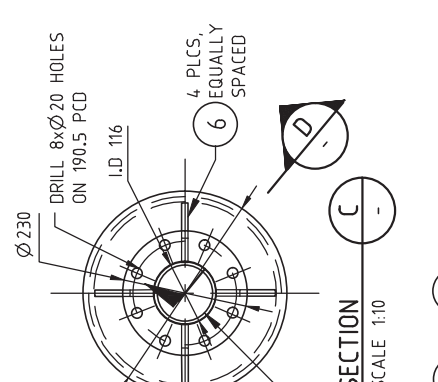
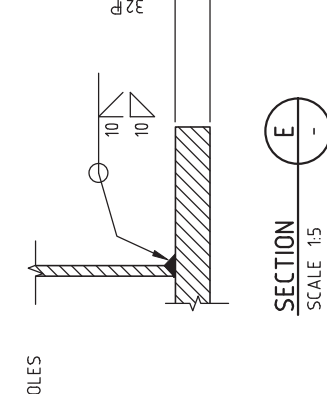
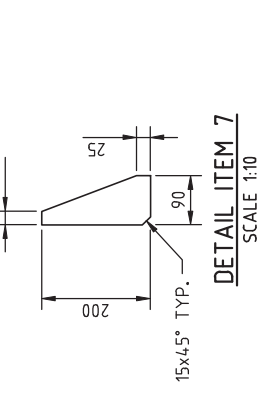
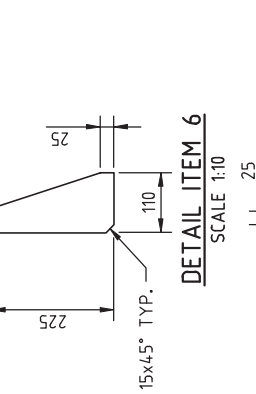
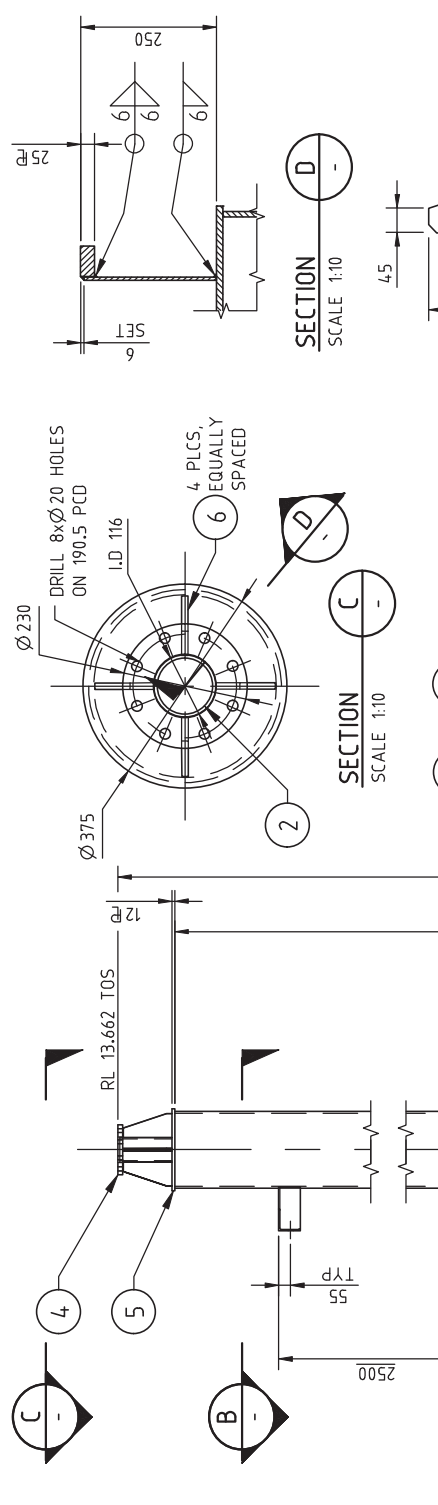
<b>DRAWN</b>	DMB	10/09/18	<b>TITLE</b>	CALTEX PRODUCTS PIPELINE
<b>CHECKED</b>	KJM		<b>MACKAY LR PIPELINE</b>	
<b>APPROVED</b>	SH		<b>PIPE SUPPORT DETAILS - TYPE 6</b>	
<b>SCALE</b>	1:10		<b>DRAWING NUMBER</b>	201-PS-006
<b>PROJECT</b>	Q15020		<b>A3</b>	<b>REV</b>
				<b>A</b>



MATERIAL LIST				
ITEM	No. REQ'D	DESCRIPTION	LENGTH	WIDTH
1	2	PIPE, DN350, STD WT API 5L GR X42 HFW	74.78	-
2	2	PIPE, DN100, STD WT API 5L GR X42 HFW	244	-
3	2	32 $\varnothing$ RP	$\varnothing$ 610	-
4	2	25 $\varnothing$ RP	$\varnothing$ 230	-
5	2	12 $\varnothing$ RP	$\varnothing$ 375	-
6	8	110x12 $\varnothing$ IE	225	-
7	12	90x12 $\varnothing$ IE	200	-
8	6	100x6 EA	400	-
9	6	100x6 EA	196	-

**NOTES:**

- MATERIAL: SECTIONS--AS3679.1-300 PLATE--AS3678-250
- REMOVE ALL SHARP EDGES & BURRS
- ALL WELDS 8 CFW U.N.O
- SURFACE PROTECTION: CALTEX STD 4.0.06.SPEC.B.011 HDG, REPAIRS TO CALTEX STD 4.0.06.SPEC.B.001 SURFACE PROTECTION
- IDENTIFY ANY OBSTRUCTIONS PRIOR TO DRILLING
- ENSURE EXISTING DRAINAGE LOCATIONS ARE NOT OBSTRUCTED BY NEW PIPE SUPPORTS.



12xM20 CHEMICAL ANCHOR  
 170mm EMBEDMENT.  
 HILTI HIT ROD WITH  
 HILTI HIT-HY200. C/W  
 OVERSIZE WASHERS

PEDESTAL TBC

50 NOM. GROUT

PIPE SUPPORT TYPE 8  
 No. REQ'D: 2 OFF (PS-52 & PS-53)  
 SCALE 1:25

**ISSUED FOR REVIEW**  
 DATE: 12/09/2018  
**DO NOT CONSTRUCT**

**OVERSEAS BULK PORTS CORPORATION**  
 APPROVED SUBJECT TO CONDITIONS  
 NOBP ref. PL/04/02/00006  
 Signed: \_\_\_\_\_  
 Date: 19/07/2019



DRAWING No	REFERENCE	DRAWING TITLE	REV	DESCRIPTION	BY	APP	DATE
Q15020-SK-020	WHARF FIRE SUPPRESSION CONCEPT	A	ISSUED FOR APPROVAL	DB			10/09/18

DRAWN	CHECKED	APPROVED	SCALE	PROJECT
DB			1:10	Q15020

TITLE	DATE
CALTEX PRODUCTS PIPELINE MACKAY LR PIPELINE PIPE SUPPORT DETAILS - TYPE 8	10/09/18

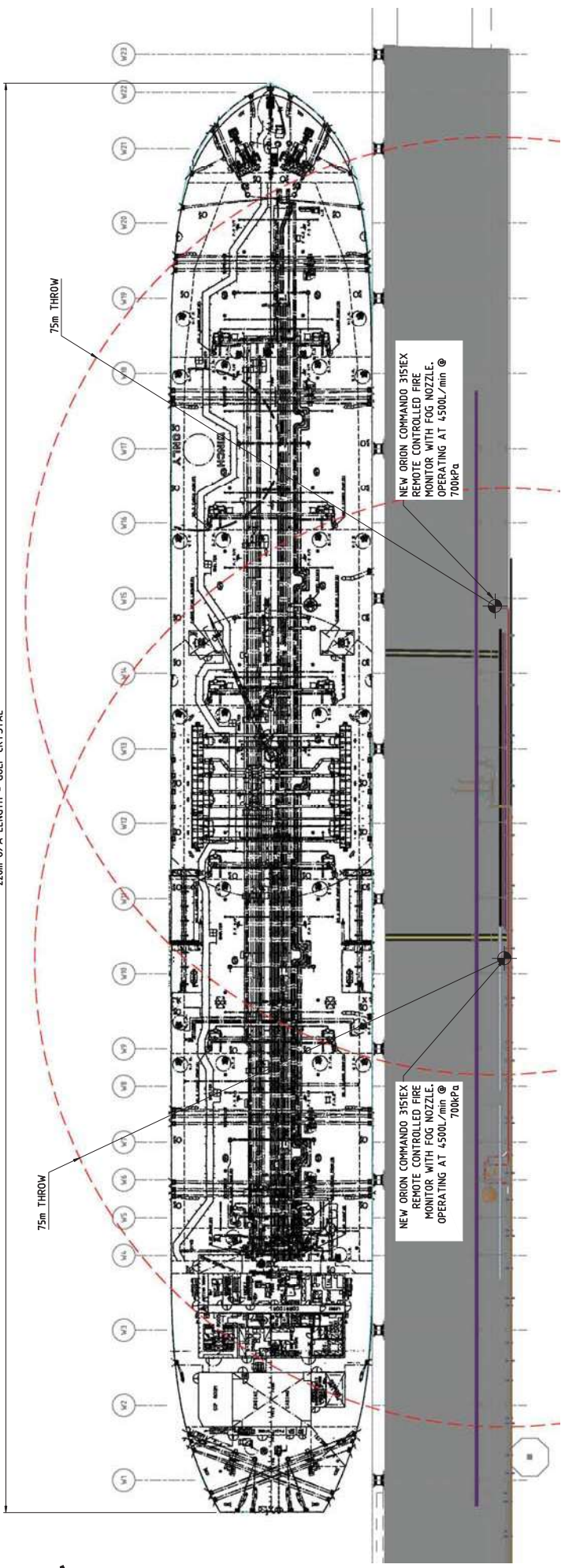
DRAWING NUMBER	REV
201-PS-008	A







228m O/A LENGTH - GULF CRYSTAL



MACKAY WHARF BERTH #3 - FIRE MONITOR COVERAGE PLAN

SCALE 1:350

**OVERSEAS BULK PORTS CORPORATION**  
**APPROVED SUBJECT TO CONDITIONS**  
 NGBP ref: PL/04/02/00006  
 Signed: \_\_\_\_\_  
 Date: 19/02/2019

**FOR INFORMATION ONLY**

- NOTES:**
- THIS DRAWING IS A CONCEPT OF THE NEW FIRE SUPPRESSION SYSTEM PROPOSED FOR MACKAY WHARF BERTH #3 & IS FOR INFORMATION PURPOSE ONLY.
  - ALL RL'S TAKEN FROM QPS SURVEY DATA.
  - ALL PIPE SPECIFICATIONS TBC.
  - ALL EQUIPMENT LOCATIONS TO BE SITE CONFIRMED.

DRAWING No	TITLE
	REFERENCE DRAWINGS

REV	DESCRIPTION	BY	APP	DATE	REV	DESCRIPTION	BY	APP	DATE
					A	ISSUED FOR INFORMATION	DHB		



TITLE		PROJECT		AT
CALTEX MACKAY LR PIPELINE		DRAWING NUMBER		REV
MACKAY BULK SUGAR WHARF BERTH #3		381802		A
FIRE MONITOR COVERAGE PLAN		15020-SK-020 - SHT 2		A
CHECKED	APPROVED	SCALE		