

13 January 2022

Gladstone Ports Corporation Limited
c/- Owen Barton
40 Goondoon Street
GLADSTONE QLD 4680

Dear Mr Barton

DECISION NOTICE – APPROVAL WITH CONDITIONS – DA2021/32/01

(GIVEN UNDER SECTION 63 PLANNING ACT 2016
AND THE PROVISIONS OF GPC LAND USE PLAN 2012V2 AND PORT OVERLAY PRIORITY PORT OF GLADSTONE)

1. Application Details

This development application was **properly made** to the Gladstone Ports Corporation Limited on **13 December 2021**.

Application Number:	DA2021/32/01
Applicant Name:	Gladstone Ports Corporation Limited
Applicant Contact Details:	Owen Barton Gladstone Ports Corporation 40 Goondoon Street GLADSTONE QLD 4680 Email: bartono@gpcl.com.au
Approval Sought (Land Use Plan):	<ol style="list-style-type: none"> 1. Material change of use for Passenger Terminal (cruise ships) and Port Infrastructure; 2. Operational works that is tidal works for demolition (piles and fenders); 3. Operational works that is tidal works for construction (dolphin, fender system, panel wall and reclamation).
Approval Sought (Port Overlay):	<ol style="list-style-type: none"> 4. Material change of use for Passenger Terminal (cruise ships) and Port Infrastructure; <ol style="list-style-type: none"> a) exceeding 1500m² development footprint in the Port, industry and commerce precinct; b) exceeding 500m² development in the Marine Infrastructure precinct and within 400m of the Port, industry and commerce precinct; c) exceeding 500m² development footprint in the Port central sub-precinct. 5. Operational works for tidal work in the Marine Infrastructure precinct (fender system).

Approval Sought (SARA)	6. Operational works that is tidal work or work in a coastal management district; 7. Operational work and Material change of use that involves marine plants; 8. Operational works on premises near a State Transport Corridor.
Location Street Address:	Macfarlan Drive, GLADSTONE QLD 4680
Land Owner:	Department of Resources and Gladstone Ports Corporation Limited
Location Real Property Description:	Lot 307 on SP253026, Lot 422 on SP111787, Lot 420 on SP120919 and adjacent unallocated state land
Land Use Plan Precincts:	Strategic Port Land – Wharves (Offshore) Precinct and Port Industry Precinct
Port Overlay Precincts:	Marine Infrastructure Precinct Port Industry and Commerce Precinct Port Central Sub-Precinct
Local Government Area:	Gladstone

2. Details Of Proposed Development

The development is described as Auckland Point (AP) Wharf 1 fender upgrade, dolphin and strengthening project (panel wall and reclamation) including:

Assessable development on Strategic port land or Strategic port land tidal area:

1. Material change of use for Passenger Terminal (cruise ships) and Port Infrastructure;
2. Operational work that is tidal work or work in a coastal management district for demolition (piles and fenders) and construction (dolphin, fender system, panel wall and reclamation);
3. Operational work and Material change of use involving marine plants;
4. Operational work on premises near a State transport corridor.

Assessable development in a priority port's master planned area:

5. Material change of use for Passenger Terminal (cruise ships) and Port Infrastructure;
 - a) exceeding 1500m² development footprint in the Port, industry and commerce precinct;
 - b) exceeding 500m² development in the Marine Infrastructure precinct and within 400m of the Port, industry and commerce precinct;
 - c) exceeding 500m² development footprint in the Port central sub-precinct.
6. Operational work for tidal work in the Marine Infrastructure precinct (fender system).

3. Details Of Decision

This development application was **decided** on **13 January 2022**.

This development application is **approved in full with conditions**. These conditions are set out in Attachment 1 and are clearly identified to indicate whether the assessment manager or a concurrence agency imposed them.

This application **is not** taken to have been approved (a deemed approval) under section 64(5) of the *Planning Act 2016*.

4. Details Of Approval

This development approval is a **Development Permit** given for:

- (a) Material Change of Use for Passenger Terminal (cruise ships) and Port Infrastructure on strategic port land (*Planning Regulation 2017* reference Schedule 10, part 13, division 5, subdivision 2, table 1); and
- (b) Operational work that is tidal works for demolition and construction on strategic port land and in strategic port land tidal area (*Planning Regulation 2017* reference Schedule 10, part 13, division 5, subdivision 2, table 1);
- (c) Material Change of Use for Passenger Terminal (cruise ships) and Port Infrastructure in priority port's master planned area (*Planning Regulation 2017* reference Schedule 10, part 13, division 4, subdivision 2, table 1); and
- (d) Operational works for tidal work in priority port's master planned area (*Planning Regulation 2017* reference Schedule 10, part 13, division 4, subdivision 2, table 1);
- (e) Operational work that is tidal works or work in a coastal management district (*Planning Regulation 2017* reference Schedule 10, part 17, division 3, table 1);
- (f) Operational work that is tidal works or work in a coastal management district (*Planning Regulation 2017* reference Schedule 10, part 17, division 3, table 2);
- (g) Operational work that is the removal, destruction or damage of a marine plant (*Planning Regulation 2017* reference Schedule 10, part 6, division 3, subdivision 3, table 1);
- (h) Reconfiguring a lot or Material change of use involving the removal, destruction or damage of a marine plant (*Planning Regulation 2017* reference Schedule 10, part 6, division 3, subdivision 3, table 2);
- (i) Operational work on premises near a State transport corridor (*Planning Regulation 2017* reference Schedule 10, part 9, division 4, subdivision 2, table 5).

5. Conditions

This development approval is subject to the conditions in Attachment 1 - Part 1 and Part 2.

6. Further Development Permits

Please be advised that the following permits are required to be obtained before the development can be carried out:

- (a) Any applicable Building works or Plumbing works; and
- (b) Port application for stormwater infrastructure, any roadworks and excavation/ filing.

7. Referral Agencies for the Application

The referral agencies for this application are:

For an application involving	Name of referral agency	Address
Planning Regulation 2017 – (a) Operational work that is tidal works or work in a coastal management district (<i>Planning Regulation 2017</i> reference Schedule 10, part 17, division 3, table 1); (b) Operational work that is tidal works or work in a coastal management district (<i>Planning Regulation 2017</i> reference Schedule 10, part 17, division 3, table 2); (c) Operational work that is the removal, destruction or damage of a marine plant (<i>Planning Regulation 2017</i> reference Schedule 10, part 6, division 3, subdivision 3, table 1); (d) Reconfiguring a lot or Material change of use involving the removal, destruction or damage of a marine plant (<i>Planning Regulation 2017</i> reference Schedule 10, part 6, division 3, subdivision 3, table 2); (e) Operational work on premises near a State transport corridor (<i>Planning Regulation 2017</i> reference Schedule 10, part 9, division 4, subdivision 2, table 5).	State Assessment Referral Agency - Department of State Development, Infrastructure, Local Government and Planning	Rockhampton State Assessment and Referral Agency (SARA) PO Box 113 ROCKHAMPTON QLD 4700 rockhamptonSARA@dsgdmip.qld.gov.au

8. Approved Plans and Specifications

Copies of the following plans, specifications and/or drawings are approved and enclosed in Attachment 2:

Drawing/report title	Prepared by	Date	Reference no.	Version	Approval subject to the following changes
Aspect of development: Material change of use and Operational work that is tidal work (Land Use Plan and Port Overlay)					
Coversheet & drawing list	GHD Pty Ltd	23/04/2021	Draw. No. 002-00077	Rev 2	
Fender Replacement and Wharf Upgrades					
Notes sheet 1 of 3	GPC Limited	30/09/2020	Draw. No. 002-00078	Rev 1	
Notes sheet 2 of 3	GPC Limited	30/09/2020	Draw. No. 002-00079	Rev 1	
Notes sheet 3 of 3	GPC Limited	30/09/2020	Draw. No. 002-00080	Rev 1	
General arrangement	GHD Pty Ltd	23/04/2021	Draw. No. 002-00081	Rev 3	
Demolition plan and sections	GHD Pty Ltd	23/04/2021	Draw. No. 002-00082	Rev 4	
Mooring arrangement – sheet 1 of 2	GPC Limited	30/09/2020	Draw. No. 002-00083	Rev 2	
Mooring arrangement – sheet 2 of 2	GPC Limited	30/09/2020	Draw. No. 002-00084	Rev 2	
Piling plan and schedule	GHD Pty Ltd	23/04/2021	Draw. No. 002-00086	Rev 3	
Piling plan and schedule	GPC Limited	30/09/2020	Draw. No. 002-00087	Rev 1	
Fender works	GPC Limited	30/08/2021	GPC210009	Rev 2	
Fender Details Sheet 1 of 3	GHD Pty Ltd	23/04/2021	Draw. No. 002-00088	Rev 2	
Fender Details Sheet 2 of 3	GHD Pty Ltd	23/04/2021	Draw. No. 002-00089	Rev 2	
Fender Details Sheet 3 of 3	GHD Pty Ltd	23/04/2021	Draw. No. 002-00090	Rev 0	
Strengthening Dolphin					
General arrangement	GPC Limited	30/09/2020	Draw. No. 002-00091	Rev 1	
Precast details	GPC Limited	30/09/2020	Draw. No. 002-00092	Rev 1	
Cast-Insitu details	GPC Limited	30/09/2020	Draw. No. 002-00093	Rev 1	
Cathodic protection installation layout	GPC Limited	30/09/2020	Draw. No. 002-00094	Rev 1	
Cathodic protection installation layout	GPC Limited	30/09/2020	Draw. No. 002-00095	Rev 1	

Auckland Point Wharf berth 1 & 2					
General & Construction notes	GPC Limited	21/10/2020	Draw. No. 002-00098	Rev 3	
Demolition arrangement	GPC Limited	21/10/2020	Draw. No. 002-00099	Rev 4	
Pre-cast panel & concrete arrangement	GPC Limited	21/10/2020	Draw. No. 002-00100	Rev 4	
Details	GPC Limited	21/10/2020	Draw. No. 002-00101	Rev 3	
Earthworks arrangement	GPC Limited	21/10/2020	Draw. No. 002-00102	Rev 3	
Site plan	GPC Limited	26/10/2020	Draw. No. 002-00103	Rev 2	
3D Render – Concept stages	GPC Limited	18/11/2020	Draw. No. 002-00104	Rev 1	
3D Render - Details	GPC Limited	18/11/2020	Draw. No. 002-00106	Rev 2	
Land Backing Behind Berth #1 and #2					
Reclamation areas	GPC Limited	30/08/2021	GPC200022	Rev 2	
Fender works	GPC Limited	30/08/2021	GPC210009	Rev 2	
Vehicle access & manoeuvring - Concept plan	GPC Limited	17/08/2021	Draw. No. 002-00107	Rev A	

9. Approved Plans and Specifications

Pursuant to section 85 of the Planning Act, this development approval will lapse at the end of the periods set out below:

- (a) For Material Change of Use this approval lapses if the first change of use does not happen within 6 years after the approval has effect.
- (b) For approvals other than a Material Change of Use or Reconfiguring a Lot, the approval lapses if the development does not substantially start within 2 years of this approval taking effect.

10. 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*).

Attachment 3 is an extract from the *Planning Act 2016* that sets down the applicant's appeal rights and the appeal rights of a submitter.

For further information please contact Judy Horsfall, Planning Advisor, on 07 4976 1314 or the undersigned on 07 4976 1287 or via email planning@gpcl.com.au .

Yours sincerely,

Erin Clark
Principal Planner

Cc: State Assessment Referral Agency
Gladstone Regional Council

Enc. Attachment 1: Conditions of Approval
Part 1 – Conditions imposed by the assessment manager
Part 2 – Conditions required by the referral agency response
(State Assessment Referral Agency – 12/01/2022)
Attachment 2: Approved plans and specifications
Attachment 3: Extract of appeal provisions

Attachment 1 Conditions of Approval

PART 1: ASSESSMENT MANAGER CONDITIONS

In general the development proposal is in compliance with the requirements of Gladstone Ports Corporation Limited (GPC). This development approval is subject to each the following conditions which are stated by GPC, the Assessment Manager.

Part 1a: Approval sought under Planning Act 2016 – Material Change of Use and Operational work on Strategic Port Land and Strategic Port Land tidal area and in Priority Port’s Master Planned Area

GENERAL

1. Development must be carried out generally in accordance with the Approved plans, except where modified by conditions of this permit.
2. Unless otherwise stated, all conditions must be complied with and completed prior to the commencement of the development.
3. Where additional “approval” is required under these conditions by the Assessment Manager (GPC) for drawings or documentation the proponent must submit for review, amend to the satisfaction of, and obtain written approval from the Assessment Manager.

Furthermore, the Assessment Manager will require no less than 10 business days, unless otherwise conditioned by the Assessment Manager, to initially assess the drawings or documentation provided prior to the commencement of the development. Should further information be required for assessment, the Assessment Manager will require a further 5 business days to complete the information request assessment and response.

4. The proponent must at its cost and expense, keep and maintain the development footprint, including existing services, in a state that is satisfactory to the Assessment Manager.

ENGINEERING & PLANNING

5. Details of proposed communication and scheduling must be included in the Construction Management Plan. The proponent must:
 - a. identify and communicate regularly with affected port stakeholders; and
 - b. plan and schedule works in a manner that minimises adverse impacts to port users.

Once the management plan is approved, the works must be carried out in accordance with this plan.

6. Prior to works commencing, a Marine Execution Plan must be submitted to the Assessment Manager for review and approval.

Drawings

7. Prior to each stage of works commencing, final 100% design ‘for construction’ drawings must be submitted to the Assessment Manager for review and approval.
8. Prior to works commencing which involve relocating, installing or connecting new services on the wharf e.g. water/power/communications/control systems, ‘for construction’ drawings must be submitted to the Assessment Manager for review and approval.
9. Prior to commencing tidal works involving cathodic protection, ‘for construction’ drawings for cathodic protection infrastructure must be submitted to the Assessment Manager for review and approval.

10. Prior to commencing works involving reclamation, RPEQ certified 'for construction' drawings for reclamation, including rock armouring, must be submitted to the Assessment Manager for review and approval.
11. Prior to the commencement of works involving construction of the pavement of the access / land backed wharf structure, 'for construction' drawings of the pavement must be submitted to the Assessment Manager for review and approval.
12. Upon completion of all works (at that relevant stage), the proponent must supply GPC with RPEQ certified "As Constructed" plans in both hard copy (2 of) and electronic (CAD format) which illustrate all infrastructure and services installed on, under or over port limits associated with the activity.

Infrastructure & Services

13. Prior to commencing work involving new or relocated services to the wharf, including excavation and filling but excluding cathodic protection services, submit to the Assessment Manager a Port application for the works.

Stormwater Management

14. Prior to works commencing on Stage 2, submit to the Assessment Manager for review and approval a Stormwater Management Plan for the development including pre and post permanent sealing of the reclamation area. Once the management plan is approved, the works must be carried out in accordance with this plan.
15. Prior to commencing work involving stormwater infrastructure e.g. scupper drains for, or associated with the new land backed area of the wharf, including excavation and filling, submit to the Assessment Manager a Port Application for the works.

Outdoor Lighting

16. Prior to commencing works involving outdoor lighting, 'for construction' drawings for outdoor lighting must be submitted to the Assessment Manager for review and approval.
17. Outdoor lighting must be designed and constructed in accordance with Australian Standard AS4282-1997 Control of the Obtrusive Effects of Outdoor Lighting and National Light Pollution Guideline to provide a safe working environment and so as not to minimise impacts to environmental values, sensitive uses, the airport, navigational aids or obstruct or distract pedestrian or vehicular traffic.
18. Within 3 months of commencement of use of outdoor lighting on the upgraded structure, the proponent must carry out an assessment of lighting and its effect on navigation and make lighting adjustments as required.
19. Any site lighting used during construction and operations should not impact on the visibility of Navigational Aids utilised for the primary shipping channels nor illuminate a landward glare beyond the site boundary. Lighting must be continually reviewed during construction and operations with respect to navigation and will be revised as required in response to negative impacts as they arise.

Tidal Works

20. Prior to commencing works involving excavation, a Construction Management Plan or similar, providing details of earthworks and management for excavation, transport and disposal of material, must be submitted to the Assessment Manager for review and approval. Once the management plan is approved, the works must be carried out in accordance with this plan.

Once the management plan is approved, the works must be carried out in accordance with this plan.

21. Any material which is deposited or any debris which falls or is deposited on tidal lands or into tidal waters during the construction of the approved development shall be removed by the applicant at

their cost and expense. The applicant is to notify the Assessment Manager if any material or debris is deposited.

22. Upon completion of construction, the applicant shall provide the Assessment Manager with written confirmation that the seabed is clear of foreign materials.
23. If, as a result of the works, or other cause attributable to the proponent, any bank or tidal structure is displaced, the proponent at its cost and expense shall restore the bank or structure to its former condition and take such other action as is necessary to ensure the stability of the bank or structure to the satisfaction of the Regional Harbour Master.

Traffic Management / Earthworks Management

24. Unless otherwise agreed to in writing by the Assessment Manager, prior to construction works commencing on site, a Construction Traffic Management Plan (CTMP) specific to the construction works being undertaken must be submitted to the Assessment Manager for approval. The CTMP must be amended and approved by the Assessment Manager as necessary for any proposed or amended construction works. The CTMP can be included in the Construction Management Plan.

All activities associated with construction must be carried out in accordance with the approved management plan.

25. The access / land backed wharf structure must be designed and constructed to be fit for purpose for ship loading/unloading activities in accordance with relevant Australian Standards and GPC policies and procedures.
26. Prior to commencement of the use, detailed traffic access/road layout plan/s for proposed vehicle use must be submitted to the Assessment Manager for review and approval.
27. Prior to reclamation works commencing, erosion and sediment controls for construction and the long-term settlement phase of the reclamation works must be submitted to the Assessment Manager for review and approval. These controls must be included in a Construction Management Plan.

Once the controls or management plan is approved, the works must be carried out in accordance with the plan.

28. Prior to commencement of the use of the reclamation area for vehicle access or loading/unloading activities, the proponent must provide a suitable temporary pavement to minimise amenity impacts.
29. Within one (1) year of the reclamation works being completed, the reclamation area, to be used for vehicle manoeuvring and loading/unloading, must be permanently sealed with concrete, bitumen or asphalt.

Construction Management

30. The hours for the works (i.e. operation of any machinery and/or other equipment) shall be restricted to Monday to Saturday. No works shall be undertaken on Sunday or on public holidays. Any variations to these days will be subject to the written approval of the Assessment Manager.
31. Noise levels from the use must achieve the acoustic environment and acoustic quality objectives for sensitive receiving environments set out in the Environment Protection (Noise) Policy 2019. In the event of a validated complaint about noise or if it is determined by the Assessment Manager that such noise levels exceed the minimum background noise levels, the land owner must at proponent must at the request of the Assessment Manager prepare a Noise Management Plan which prescribes actions to be taken to reduce noise levels below the minimum background noise levels prescribed. The noise management plan must address at least, but not be limited to, the following matters:

- a. identification of component noise sources and activities at noise sensitive place/s which impact on noise sensitive areas;
 - b. the control or abatement measures that can be undertaken to reduce unreasonable noise levels; and
 - c. the handling of noise complaints, community liaison and consultation and the training of staff in noise management practices.
32. Construction/ works vehicles are not to queue on port network roads.
33. No mud, dirt or other debris is to be tracked onto public roads or port roads during construction and operation of development.
34. At all times, construction fill material must be uncontaminated and reused from onsite or sourced from a licensed quarry.
35. In the event acid sulphate soils are disturbed/excavated and require treatment on site, a site specific Acid sulphate management plan must be submitted to the Assessment Manager for approval prior to such works commencing.

Once the management plan is approved, the works must be carried out in accordance with this plan.

36. Prior to construction works commencing on site, an Construction Environmental Management Plan (CEMP) specific to these works, is to be submitted to the Assessment Manager for approval, specific to the development that ensures:
- a. environmental risks, including but not limited to noise, odour, lighting, dust, ASS/PASS etc. are identified, managed and continually assessed in relation to the construction activities; and
 - b. that staff are trained and aware of their obligations under the CEMP, including a copy of the management plan and development approval available on site at all times; and
 - c. that reviews of environmental performance are undertaken at least annually; and
 - d. any amendments to the CEMP are to be submitted to the Assessment Manager for review and approval.

Once approved by the Assessment Manager, the construction activity must be carried out in accordance with this CEMP.

Note: GPC has a guideline in its Land Use Plan for the development of environmental management plans that may be utilised in meeting the requirements of this condition.

ENVIRONMENT

Environmental Management

37. Prior to the use commencing, an Environmental Management Plan (EMP) must be submitted to the Assessment Manager (GPC) for approval, specific to the development, that ensures:
- a. environmental risks are identified, managed and continually assessed; and
 - b. that staff are trained and aware of their obligations under the EMP, including a copy of the management plan and development approval available on site at all times; and
 - c. that reviews of environmental performance are undertaken at least annually; and
 - d. any amendments to the EMP are to be submitted to the Assessment Manager for review and approval; and
 - e. any rehabilitation and decommissioning works where required.

Once approved by the Assessment Manager, the approved development must be carried out in accordance with this EMP at all times.

Note: GPC has a guideline for the development of environmental management plans that may be utilised in meeting the requirements of this condition.

Incident notification

38. Gladstone Ports Corporation Environment Hotline (07) 4976 1617 is to be notified of the occurrence of any:
 - a. release / spill of contaminants (e.g. fuels / chemicals / sewerage) greater than 250L to land;
 - b. release / spill of contaminants (e.g. fuels / chemicals / sewerage) of any amount to water;
 - c. any environmental complaints received by the holder of this approval; and
 - d. non-compliance with conditions of this approval or any other environmental approval obtained in relation to the development.
39. Environmental incident notification must be included in any Environmental Management Plans for the premises.

ADVICE NOTES

1. All other relevant regulatory approvals must be obtained before commencement of works or operation of the facility.
2. The proponent is required to comply with the requirements for excluded tidal works in relation to works on the existing jetty.
3. Where relevant, in relation to works on tidal structures, the proponent is required to comply with the requirements for excluded tidal works in the Excluded Works (Coastal) Guideline.
4. Where a Permit to Dig/Excavate prior to commencing excavation or digging for the development, the proponent or their contractor is required to apply for and obtain the permit by contacting the Port Infrastructure Asset Manager on 4976 1332 or bartono@gpcl.com.au.
5. The *Environmental Protection Act 1994* states that a person must not carry out any activity that causes, or is likely to cause, environmental harm unless the person takes all reasonable and practicable measures to prevent or minimise the harm. Environmental harm includes environmental nuisance. In this regard persons and entities, involved in the civil, earthworks, construction, and operational phases of this development, are to adhere to their 'general environmental duty' to minimise the risk of causing environmental harm.
6. This decision notice does not represent an approval to commence Building work.
7. Where the Applicant is required to submit further documentation to the Assessment Manager, this is to be directed to the Planning section at planning@gpcl.com.au, including reference to the allocated development application number.

PART 2: REFERRAL AGENCY CONDITIONS

Referral Agency Name: Department of State Development, Infrastructure, Local Government and Planning



SARA reference: 2112-26527 SRA

12 January 2022

Gladstone Ports Corporation Limited
 PO Box 259
 Gladstone Qld 4680
 planning@gpcl.com.au

Attention: Owen Barton

Dear Sir

SARA response— Flinders Parade, Barney Point; Macfarlane Road, Barney Point

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

The development application described below was confirmed as properly referred by the State Assessment and Referral Agency on 22 December 2021.

Response

Outcome:	Referral agency response – with conditions.
Date of response:	12 January 2022
Conditions:	The conditions in Attachment 1 must be attached to any development approval.
Advice:	Advice to the applicant is in Attachment 2 .
Reasons:	The reasons for the referral agency response are in Attachment 3 .

Development details

Description:	Development permit	Material change of use for a Passenger Terminal (cruise ships) and Port Infrastructure Operational work that is tidal work for demolition (piles and fenders) Operational work that is tidal work for construction (dolphins, fender system, panel wall and reclamation)
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SARA role: Referral Agency.

SARA trigger: Schedule 10, Part 17, Division 3, Table 1, Item 1 (Planning Regulation 2017)
Tidal works or work in a coastal management district

Schedule 10, Part 17, Division 3, Table 2, Item 1 (Planning Regulation 2017)
Tidal works or work in a coastal management district

Schedule 10, Part 6, Division 3, Subdivision 3, Table 1, Item 1 (Planning Regulation 2017)
Fisheries – marine plants

Schedule 10, Part 6, Division 3, Subdivision 3, Table 2, Item 1 (Planning Regulation 2017)
Fisheries – marine plants

Schedule 10, Part 9, Division 4, Subdivision 2, Table 5, Item 1 (Planning Regulation 2017)
State transport corridors and future State transport corridors

SARA reference: 2112-26527 SRA

Assessment Manager: Port of Gladstone Ports Corporation Limited

Street address: Flinders Parade, Barney Point; Macfarlane Road, Barney Point

Real property description: Lot 307 on SP253026; Lot 422 on SP111787; Lot 420 on SP120919

Applicant name: Gladstone Ports Corporation Limited

Applicant contact details: 7 Barrine Close
Gladstone QLD 4680
laner2@bigpond.com

Representations

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

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

For further information please contact Thomas Gardiner, Principal Planning Officer, on 0749242916 or via email RockhamptonSARA@dasilgp.qld.gov.au who will be pleased to assist.

Yours sincerely



Graeme Kenna
Manager (Planning)

cc Gladstone Ports Corporation Limited, DavisM@gpcl.com.au

enc Attachment 1 - Referral agency conditions

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

Attachment 1—Referral agency conditions

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

No.	Conditions	Condition timing
Operational Work		
Schedule 10, Part 17, Division 3, Table 1, Item 1 —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 Auckland Point Wharf Upgrades must be carried out generally in accordance with the following plans:</p> <p>(a) AUCKLAND POINT BERTH AP1 AND AP2 FENDER REPLACEMENT AND WHARF UPGRADES GENERAL ARRANGEMENT, dated 06.05.21, reference 002-00081, revision 3;</p> <p>(b) AUCKLAND POINT BERTH AP1 AND AP2 AUCKLAND POINT WHARF BERTH 1 & 2 PRE-CAST PANEL & CONCRETE ARRANGEMENT prepared by Gladstone Ports Corporation, dated 14.12.20, reference 002-00100, revision 4; and</p> <p>(c) AUCKLAND POINT BERTH AP1 AND AP2 AUCKLAND POINT WHARF BERTH 1 & 2 EARTHWORKS ARRANGEMENT prepared by Gladstone Ports Corporation, dated 14.12.20, reference 002-00102, revision 3.</p>	At all times.
2.	For the proposed works, only use clean materials and ensure that the works do not cause contamination. To achieve this, 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.
3.	<p>(a) An erosion and sediment control plan must be prepared by an appropriately qualified person, in accordance with Best Practice Erosion and Sediment Control (BPESC).</p> <p>(b) Provide the erosion and sediment control plan to the palm@des.qld.gov.au or mailed to:</p> <p style="padding-left: 40px;">Department of Environment and Science Permit and License Management Implementation and Supporting Unit GPO Box 2454 Brisbane Qld 4001</p> <p>(c) Undertake the development generally in accordance with the erosion and sediment control plan.</p> <p>(d) Provide written evidence from an appropriately qualified person that all elements of this condition have been complied with.</p>	<p>(a) and (b) Prior to each stage of works occurring.</p> <p>(c) While works are occurring.</p> <p>(d) Upon the completion of each stage of works.</p>

4.	<p>Should the development associated with the Auckland Point Wharf upgrades collapse, fail or otherwise suffer structural consequences which impact their integrity or ability to function as intended, the works must be:</p> <p>(a) reinstated in accordance with this development approval; or (b) removed and disposed of at an appropriately licensed facility.</p>	As soon as reasonably practicable subsequent to the damage.
5.	<p>All material used in the reclamation of land from tidal water must:</p> <p>(a) be wholly contained within the reclaimed area; (b) not be removed from the erosion prone area noted on PORT CENTRAL RECLAMATION AREAS, prepared by Gladstone Ports Corporation, dated 30 Aug 2021, reference GPC200022, Revision 2.</p>	At all times.
6.	<p>Submit "As Constructed drawings" to palm@des.qld.gov.au or mail to:</p> <p style="padding-left: 40px;">Department of Environment and Science Permit and License Management Implementation and Support Unit GPO Box 2454 Brisbane Qld 4001</p>	Within two (2) weeks of the completion of the works.
7.	<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 Environment and Science, Information Technology, Innovation and the Arts, 2014.</p> <p>(b) Certification by an appropriately 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:</p> <p style="padding-left: 40px;">Department of Environment and Science Permit and License Management Implementation and Support Unit GPO Box 2454 Brisbane Qld 4001</p>	(a) Upon disturbance or oxidisation until the affected soil has been neutralised
Operational Work and Material Change of Use		
<p>Schedule 10, Part 6, Division 3, Subdivision 3, Table 1, Item 1 and Schedule 10, Part 6, Division 3, Subdivision 3, Table 2, Item 1—The chief executive administering the <i>Planning Act 2016</i> nominates the Director-General of the Department of Agriculture and Fisheries 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):</p>		
8.	Development authorised under this approval is limited as follows:	At all times.

	(a) Operational works to remove, damage, destroy marine plants being limited to the permanent impact to 1081m ² of turfing algae and a temporary impact to 88 m ² of macroalgae and shown in AUCKLAND POINT BERTH 1 FENDER WORKS, prepared by Gladstone Ports Corporation, dated 30 Aug 2021, reference GPC210009, Revision 2.	
9.	<p>The construction of the Auckland Point Wharf upgrades and landback must be carried out generally in accordance with the following plans:</p> <p>(a) AUCKLAND POINT BERTH AP1 AND AP2 FENDER REPLACEMENT AND WHARF UPGRADES PILING PLAN AND SCHEDULE, prepared by Gladstone Ports Corporation, 06.05.21, drawing number 002-00086, revision 3.</p> <p>(b) AUCKLAND POINT BERTH AP1 AND AP2 FENDER REPLACEMENT AND WHARF UPGRADES PILING PLAN AND SCHEDULE, prepared by Gladstone Ports Corporation, 30.09.20, drawing number 002-00087, revision 1.</p> <p>(c) AUCKLAND POINT BERTH AP1 AND AP2 FENDER REPLACEMENT AND WHARF UPGRADES STRENGTHENING DOLPHIN GENERAL ARRANGEMENT, prepared by Gladstone Ports Corporation, dated 30.09.20, drawing number 002-00091, revision 1.</p> <p>(d) AUCKLAND POINT BERTH AP1 AND AP2 AUCKLAND POINT WHARF BERTH 1 & 2 EARTHWORKS ARRANGEMENT prepared by Gladstone Ports Corporation, dated 14.12.20, reference 002-00102, revision 3.</p> <p>(e) AUCKLAND POINT BERTH AP1 AND AP2 AUCKLAND POINT WHARF BERTH 1 & 2 SITE PLAN, prepared by Gladstone Ports Corporation, dated 23.11.20, drawing number 002-00103, revision 2.</p>	Prior to commencement of the use
10.	<p>Provide written notice to notifications@daf.qld.gov.au, when the development authorised under this approval:</p> <p>(a) will start, and</p> <p>(b) when it has been completed.</p> <p>These notices must state this permit number 2107-23708 SRA.</p>	At least 5 business days but no greater than 20 business days prior to the commencement of the works.
11.	Spoil (apart for the filling of landback area), is not disposed of on tidal lands or within waterways and is managed to prevent acid soil development.	At all times.
12.	This fisheries development (as defined by the <i>Fisheries Act 1994</i>) constitutes a place that is required to be open for inspection by an inspector at all times, pursuant to section 145 of the <i>Fisheries Act 1994</i> .	At all times.

13.	Marine plants authorised for removal and other material used in the development (e.g. debris, construction material, soil, etc.) are to be promptly removed from the intertidal zone.	For the duration of the works the subject of this approval and to be maintained.
14.	Tidal land profiles that are temporarily disturbed by the development works (other than those within the permanent development footprint, must be promptly restored to pre-work profiles.	Upon completion of the works the subject of this approval.
15.	Enter into an agreed delivery arrangement to deliver an environmental offset in accordance with the <i>Environmental Offsets Act 2014</i> to counterbalance the significant residual impacts on the matters of state environmental significance being 1081m ² of marine plants.	Prior to commencing any works that impact on the marine plants.
16.	For the filling of the landback, only use clean materials and ensure that the works do not cause contamination. To achieve this, source rocks from a non-acid geology and clean the rocks before they are put into place.	For the duration of the works.
Operational Work		
Schedule 10, Part 9, Division 4, Subdivision 2, Table 5, Item 1— The chief executive administering the <i>Planning Act 2016</i> nominates the Director-General of Department of Transport and Main Roads to be the enforcement authority for the development to which this development approval relates for the administration and enforcement of any matter relating to the following conditions:		
17.	The location and extent of development in relation to the railway corridor must be generally in accordance with the following plan: (a) AUCKLAND POINT BERTH AP1 AND AP2 FENDER REPLACEMENT AND WHARF UPGRADES COVER SHEET AND DRAWING LIST, prepared by GHD, dated 23.04.21, drawing number 002-00077, revision 2.	At all times.
18.	(a) A Construction Management Plan must be prepared by a Registered Professional Engineer of Queensland and given to the Program Delivery Unit, Central Queensland Region (Central.Queensland.IDAS@tmr.qld.gov.au) of the Department of Transport and Main Roads. The Construction Management Plan must address: (i) Management of vibration impacts on rail transport infrastructure and/or other rail infrastructure from demolition, construction, drilling, boring, piling and other similar works; (ii) Compliance with CIVIL-SR-002 – Work in or about Queensland Rail Property, prepared by Queensland Rail, dated 30 May 11; (iii) Stormwater and flooding management in relation to the railway corridor; (iv) Traffic management in relation to the railway level crossing safety and vehicle movement adjacent to the railway	(a) and (b) Prior to obtaining development approval for building work or operational work, whichever occurs first, for construction stages 1 and 2. (c) At all times during the construction of the development, for construction stages 1 and 2.

	<p>corridor (including vehicle haul routes, maximum design vehicles, vehicle loading/unloading arrangement, car parking and vehicle manoeuvring/turnaround).</p> <p>(b) The Construction Management Plan must demonstrate that there will be no disruption to the railway corridor during the course of construction.</p> <p>(c) The construction of the development must be undertaken generally in accordance with the Construction Management Plan.</p>	
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Attachment 2—Advice to the applicant

General advice	
1.	Terms and phrases used in this document are defined in the <i>Planning Act 2016</i> its regulation or the State Development Assessment Provisions (SDAP), version 2.6. If a word remains undefined it has its ordinary meaning.
2.	<p>The Notice of Election for the Significant Residual Impact of 1081m² to marine plants associated with this referral agency response 2107-23708 SRA should be submitted to planningassessment@daf.qld.gov.au.</p> <p>Should the authority holder wish to deliver a proponent driven offset to counterbalance the Significant Residual Impact to 1081 m² of marine plants it is recommended that they seek pre-lodgement advice through the State Assessment and Referral Agency in relation to a proposed Notice of Election and associated Offset Delivery Plan. This will assist in identifying any potential development triggers under the <i>Planning Act 2016</i>, will engage relevant state agencies, and is likely to result in a smoother offset delivery process.</p> <p>An Agreed Delivery arrangement must be entered into prior to any impact on the matter(s) of State environmental significance (marine plants)</p>
3.	The applicant should contact the railway manager (Queensland Rail at developmentenquiries@qr.com.au) in relation to compliance with the condition addressing construction management. The applicant is advised that pre and post dilapidation surveys may be required of railway level crossing/s impacted on during construction.
4.	<p>Pursuant to section 255 of the <i>Transport Infrastructure Act 1994</i>, the railway manager's written approval is required to carry out works in or on a railway corridor or otherwise interfere with the railway or its operations.</p> <p>Please be advised that this referral agency response does not constitute an approval under section 255 of the <i>Transport Infrastructure Act 1994</i> and that such approvals need to be separately obtained from the relevant railway manager.</p> <p>Please contact Queensland Rail at developmentenquiries@qr.com.au in relation to this matter.</p>
5.	Under the <i>Transport Infrastructure (Rail) Regulation 2006</i> permission from the Railway Manager (Queensland Rail) is required to take overdimensional road loads across Queensland Rail infrastructure (e.g. rail level crossings and rail bridges). Further information can be obtained from Queensland Rail's website at: http://www.queenslandrail.com.au/forbusiness/overdimensionalloads .

Attachment 3—Reasons for referral agency response

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

The reasons for the department's decision are:

- The proposed development is for upgrades and strengthening works to the Auckland Point Wharf and berthing stations located in the Gladstone Harbour.
- The proposed development will not compromise the structural integrity of the adjoining railway line, nor create a safety hazard for users of the railway.
- The upgrades to the Auckland Point Wharf are considered to significantly reduce the risks and impacts to people and property from coastal erosion and is unlikely to increase the severity of coastal erosion processes either on or off site.
- The proposed development minimises and mitigates impacts on marine plants through the installation of environmental controls and site rehabilitation.
- The proposed development generally complies with the relevant acceptable outcomes of State Development Assessment Provisions (SDAP) State Codes 2, 7, 8 and 11. Where there is non-compliance, relevant conditions have been included to ensure compliance with SDAP.

Material used in the assessment of the application:

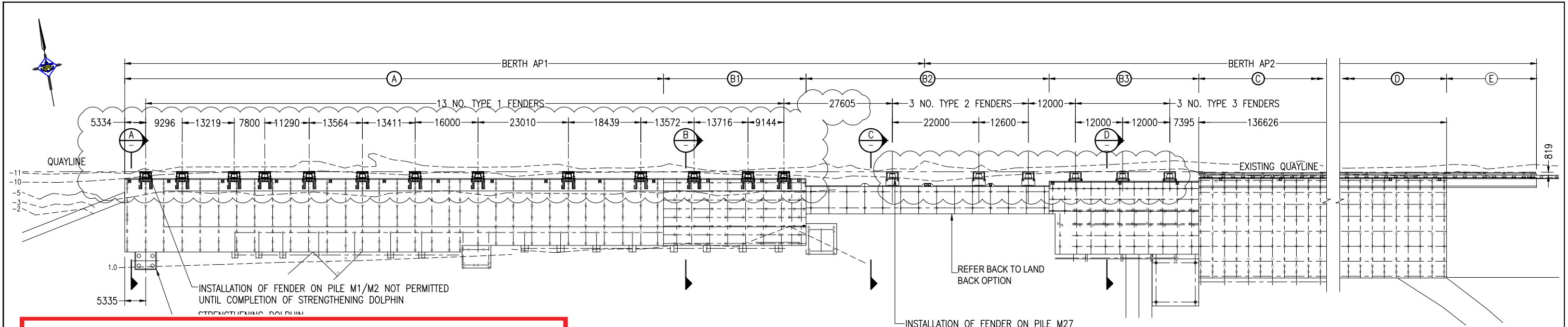
- The development application material and submitted plans
- *Planning Act 2016*
- Planning Regulation 2017
- The *State Development Assessment Provisions* (version 2.6), as published by the department
- The Development Assessment Rules
- SARA DA Mapping system

Attachment 4—Change representation provisions

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Attachment 5—Approved plans and specifications

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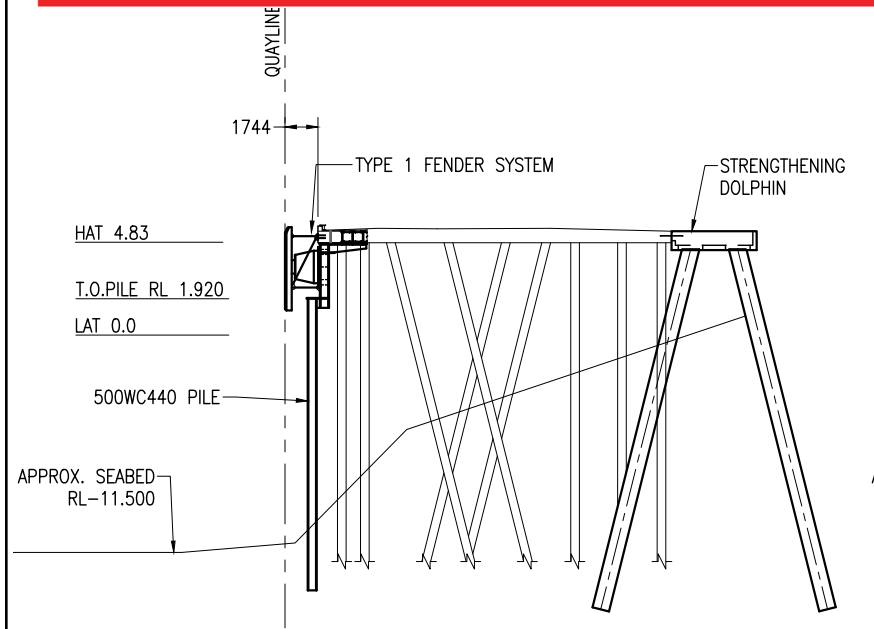


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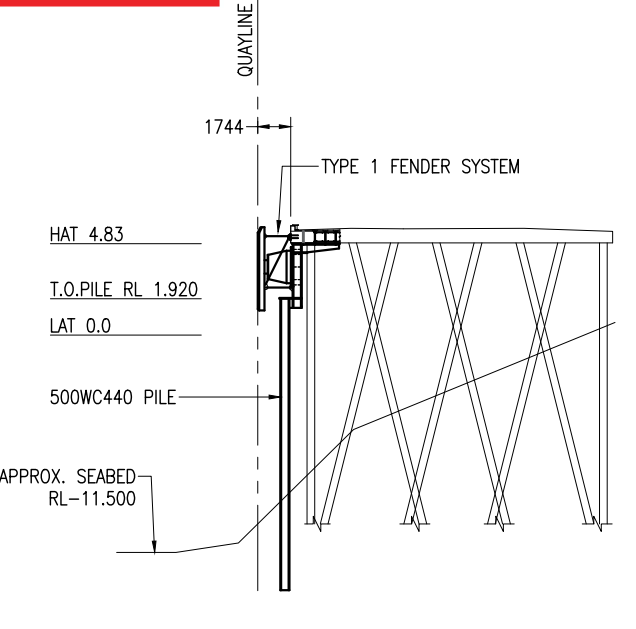
PLANS AND DOCUMENTS referred to in the REFERRAL AGENCY RESPONSE

SARA ref: 2112-26527 SRA

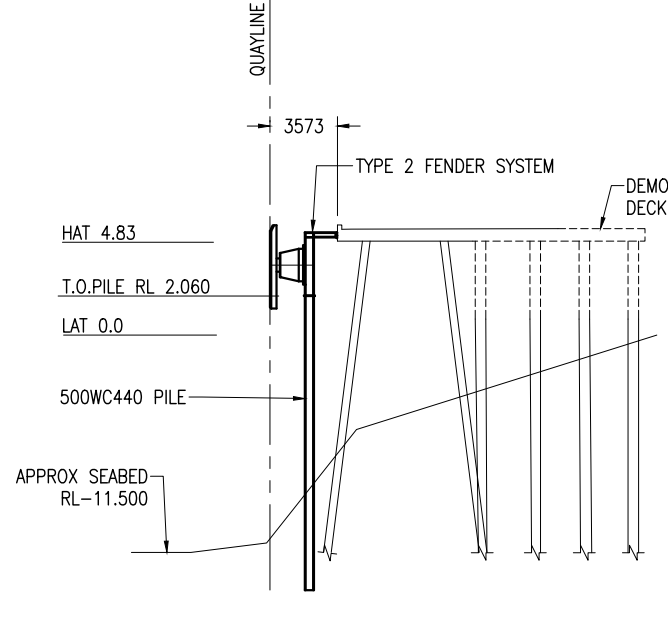
Date: 12 January 2022



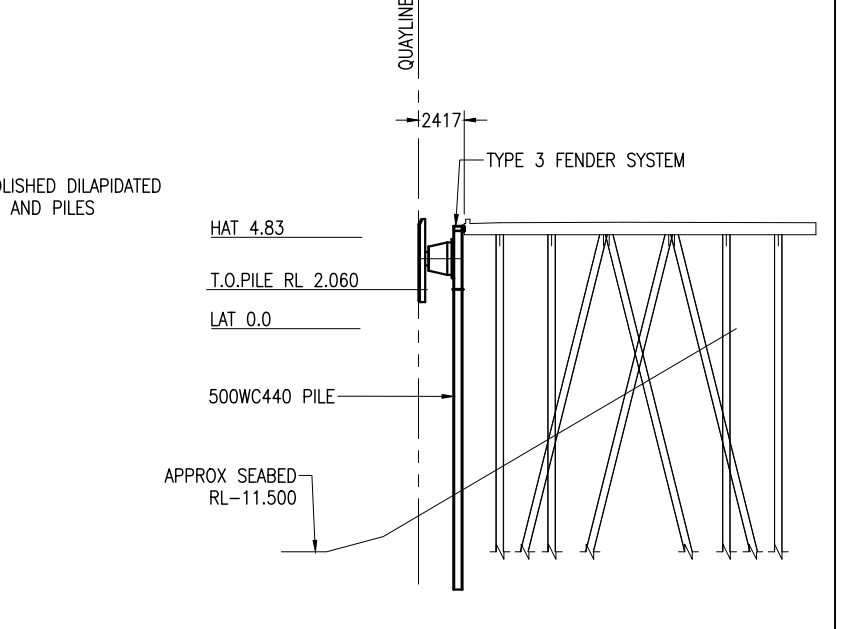
A SECTION
SCALE 1:200



B SECTION
SCALE 1:200



C SECTION
SCALE 1:200



D SECTION
SCALE 1:200

NOTES:
1. FOR NOTES REFER DRG 002-00078 TO 002-00080.

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2	AS	23.04.21	RE-ISSUED FOR CONSTRUCTION - REVISED FENDER OUTSTAND	AG	BJG	SSV		
3	ES	06.05.21	DELETED STRENGTHENING DOLPHINS					

145 Ann St Brisbane QLD 4000 Australia
GPO Box 668 Brisbane QLD 4001
T 61 7 3316 3000 F 61 7 3319 6038
E bne@mail@ghd.com W www.ghd.com

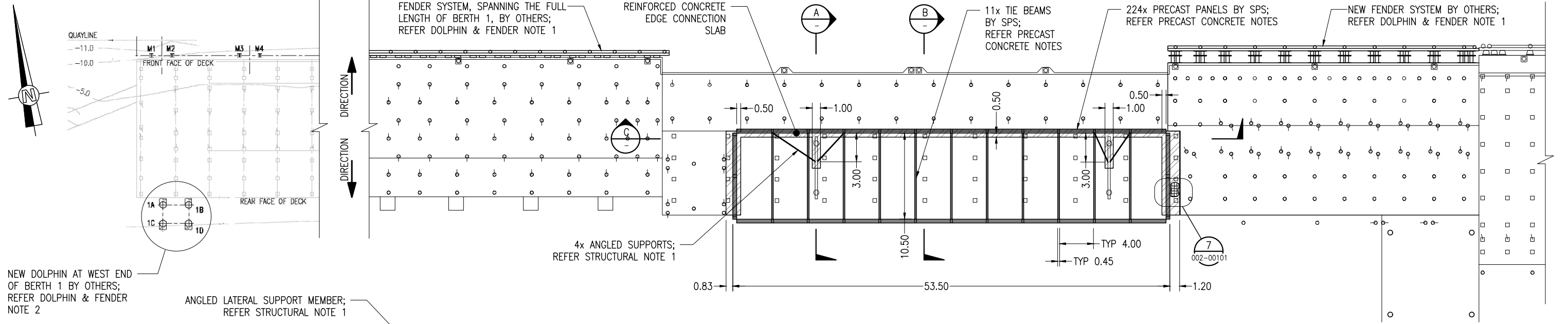
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VENDOR DRAWING

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DRAWN	A. SAMAIN	23.04.21
CHECK	A. GIGUERE	23.04.21
DESIGN	B. GILES	23.04.21
APPROVE	S. VIVIAN	23.04.21

AUCKLAND POINT BERTH AP1 AND AP2 FENDER REPLACEMENT AND WHARF UPGRADES GENERAL ARRANGEMENT

Ext Ref No. 41-32254-S005
GPC DRAWING No. **002-00081**
Asset/Part No. A1
REV. JDE Ref/Rego No. 3



NEW DOLPHIN AT WEST END OF BERTH 1 BY OTHERS; REFER DOLPHIN & FENDER NOTE 2

ANGLED LATERAL SUPPORT MEMBER; REFER STRUCTURAL NOTE 1

SHEAR STUDS WELDED TO HEADSTOCK; REFER CONCRETE NOTE 16

PRECAST PANELS BY SPS; REFER PRECAST CONCRETE NOTES

TIE BEAMS BY SPS; REFER PRECAST CONCRETE NOTES

REINFORCED EDGE SLAB

TYP 4.00

10.50

NOM 1.50

NOTE: FOR AHD LEVELS REFER SECTION B

SECTION A
1:100 @ A1

TIE BEAMS BY SPS; REFER PRECAST CONCRETE NOTES

REINFORCED EDGE SLAB

PRECAST PANELS BY SPS; REFER PRECAST CONCRETE NOTES

TYP 0.90

0.50

TYP 0.20

TOP OF WHARF DECK
AHD 3.35m (5.98m*)

ASTRONOMICAL HIGH TIDE
AHD 2.44m (4.71m*)

MEAN SEA LEVEL
AHD 0.00m (2.27m*)

ASTRONOMICAL LOW TIDE
AHD -2.39m (-0.12m*)

PROJECTED AVG MUD LEVEL AT LEADING PRECAST PANEL
AHD -4.81m (-2.54m*)

* NOTE: PORT DATUM INDICATED IN BRACKETS

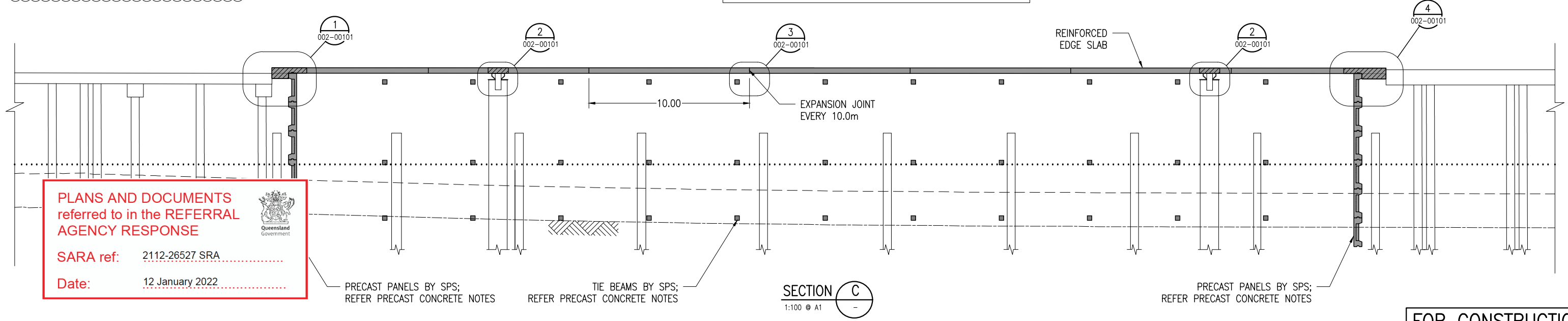
NOTES:

- FOR ALL NOTES (INCLUDING GENERAL, CONCRETE, PRECAST CONCRETE, TEMPORARY WORK, DOLPHIN & FENDER, EARTHWORKS) AND ABBREVIATIONS REFER DRG 002-00098.
- DETAILS REMOVED FOR INCREASED READABILITY. FOR ADDITIONAL DETAIL REFER DRG 002-00099.

SECTION B
1:100 @ A1

LEGEND:

- LOWEST ASTRONOMICAL TIDE (LAT)
- - - - - TYPICAL MUD LEVEL
- - - - - TYPICAL SEABED LEVEL



PLANS AND DOCUMENTS referred to in the REFERRAL AGENCY RESPONSE

SARA ref: 2112-26527 SRA

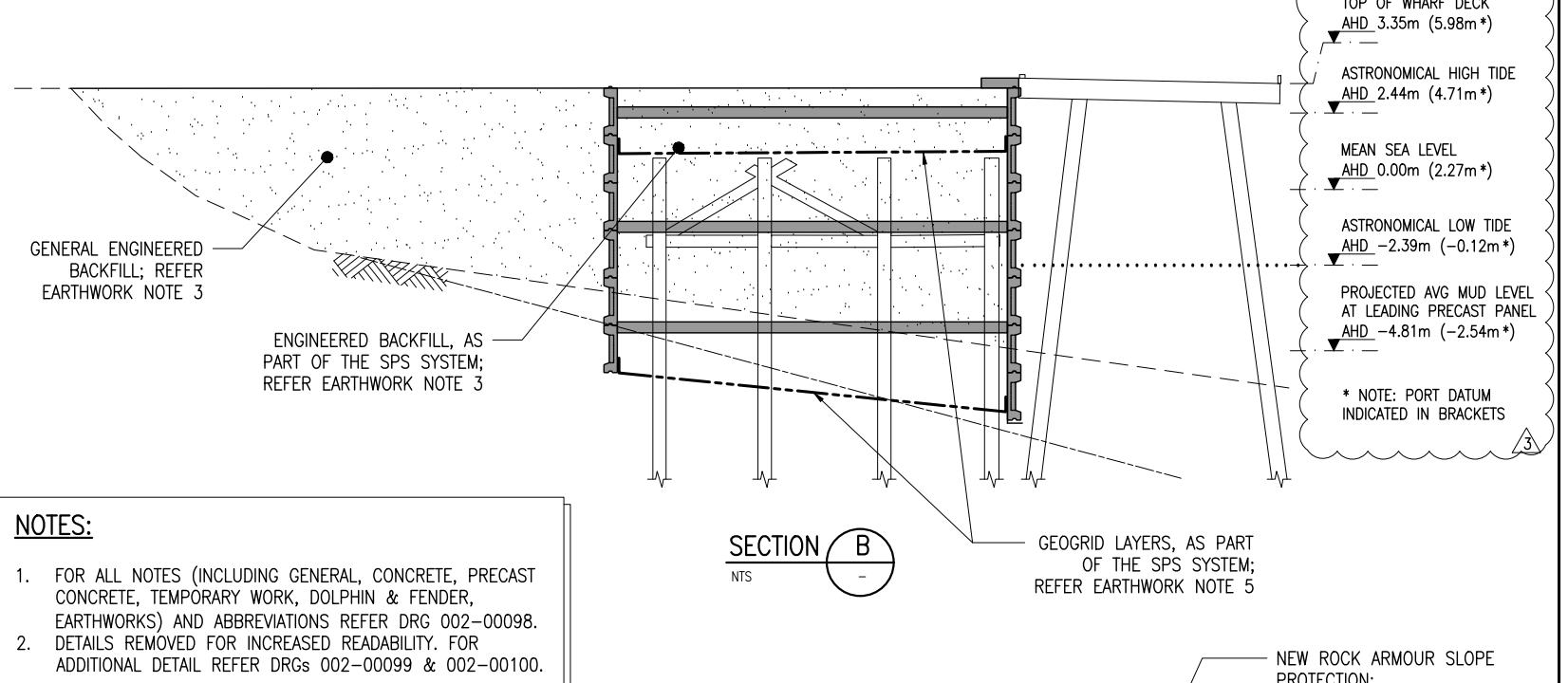
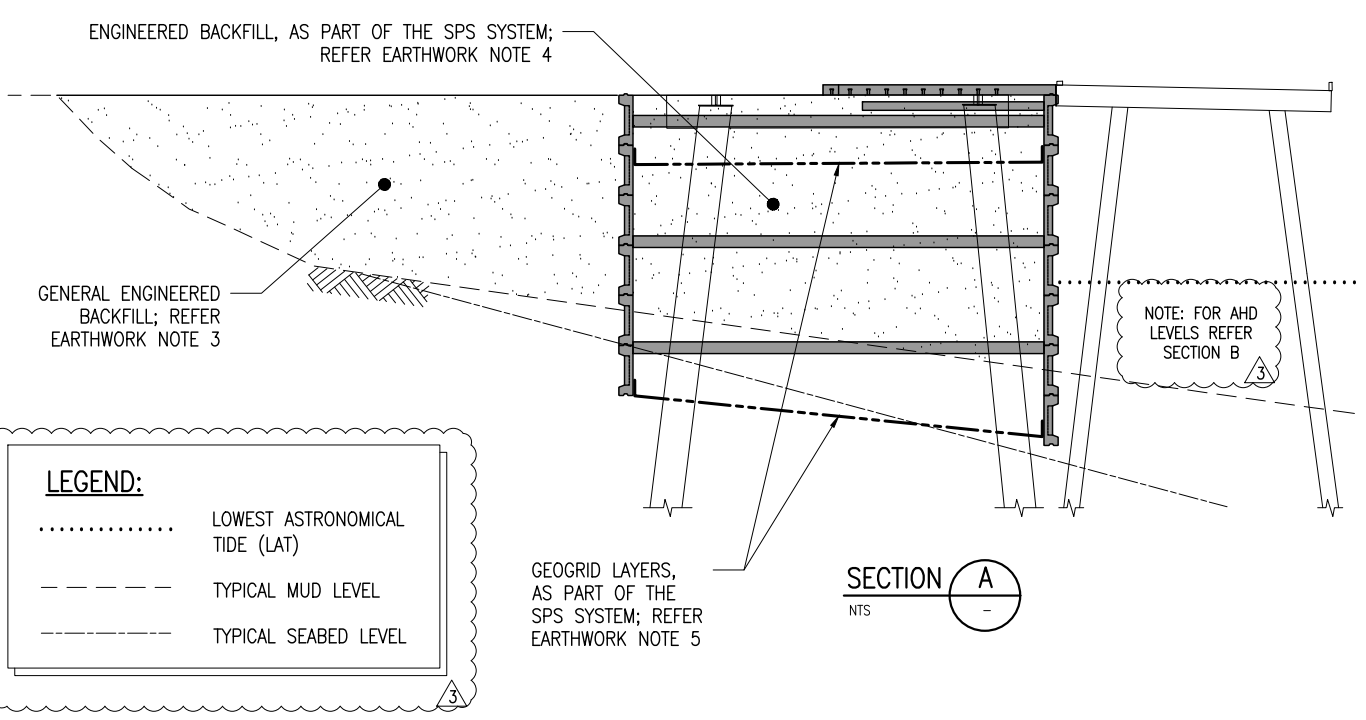
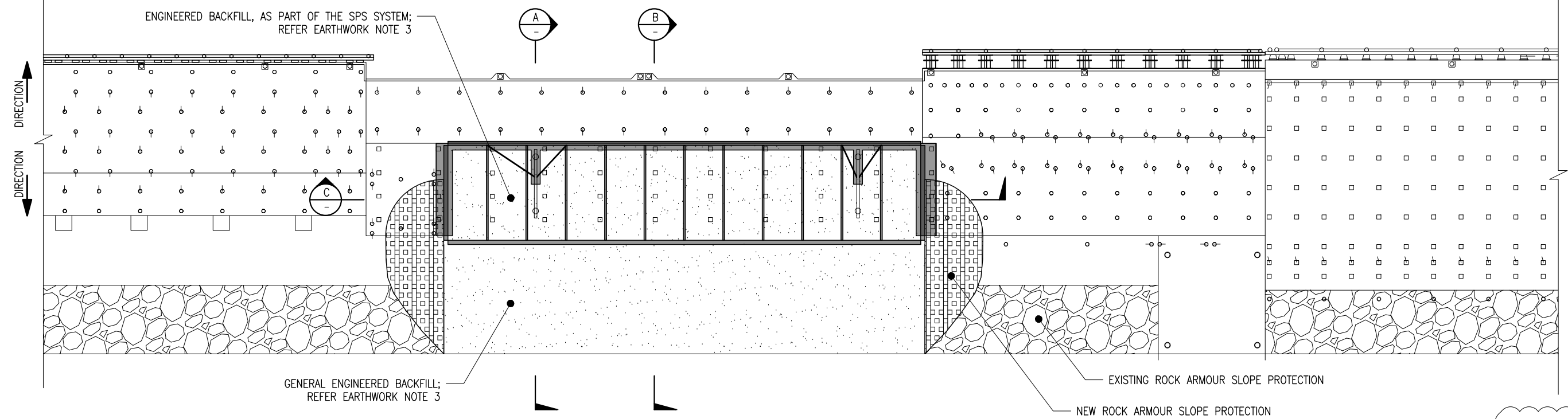
Date: 12 January 2022

FOR CONSTRUCTION

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1	KR	29.10.20	NOTES REVISED	MF	KR	MF	002-00099	DEMOLITION ARRANGEMENT
2	KR	18.11.20	NOTES REVISED & SPS SYSTEM DETAILED (TOO NUMEROUS CHANGES TO CLOUD)	MF	KR	MF		
3	KR	23.11.20	GPC REFINED DESIGN	MF	KR	MF		
4	KR	14.12.20	ADDITIONAL DETAILING	MF	KR	MF		

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3RD ANGLE PROJECTION U.N.O. ALL DIMENSIONS IN MILLIMETRES U.N.O. DO NOT SCALE		SCALE AT A1: 1:100	
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DESIGN	K REKS	21.10.20	
RPEQ	M FROST	21.10.20	
APPROVE			

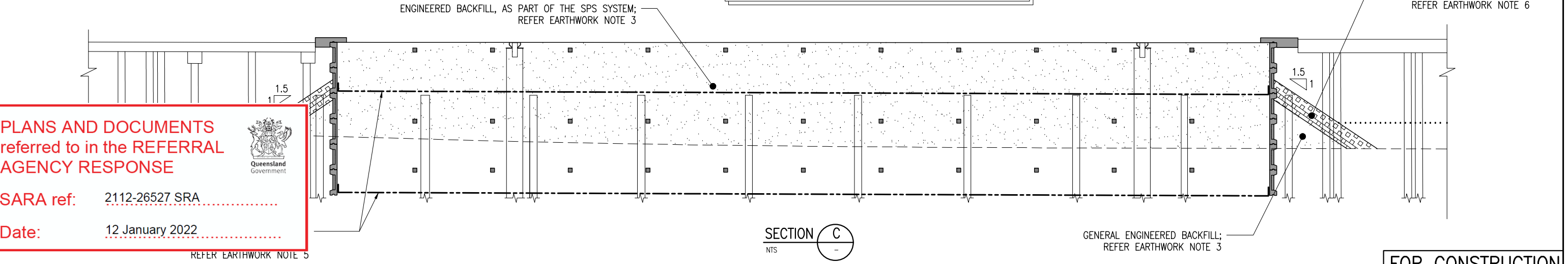
AUCLAND POINT BERTH AP1 AND AP2 AUCLAND POINT WHARF BERTH 1 & 2 PRE-CAST PANEL & CONCRETE ARRANGMENT		Ext Ref No. F200166
REV. JDE Ref/Rego No.		GPC DRAWING No.
4		002-00100
A1 Asset/Part No.		



LEGEND:

- LOWEST ASTRONOMICAL TIDE (LAT)
- - - - - TYPICAL MUD LEVEL
- - - - - TYPICAL SEABED LEVEL

- NOTES:**
- FOR ALL NOTES (INCLUDING GENERAL, CONCRETE, PRECAST CONCRETE, TEMPORARY WORK, DOLPHIN & FENDER, EARTHWORKS) AND ABBREVIATIONS REFER DRG 002-00098. DETAILS REMOVED FOR INCREASED READABILITY. FOR ADDITIONAL DETAIL REFER DRGs 002-00099 & 002-00100.



PLANS AND DOCUMENTS referred to in the REFERRAL AGENCY RESPONSE

SARA ref: 2112-26527 SRA

Date: 12 January 2022

REFER EARTHWORK NOTE 5



FOR CONSTRUCTION

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2	KR	23.11.20	GPC REFINED DESIGN	MF	KR	MF	002-00100	PRECAST PANEL AND CONCRETE ARRANGEMENT
3	KR	14.12.20	ADDITIONAL DETAILING	MF	KR	MF		

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3RD ANGLE PROJECTION U.N.O. ALL DIMENSIONS IN MILLIMETRES U.N.O. DO NOT SCALE		SCALE AT A1: 1:100	
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CHECK	M FROST	21.10.20	
DESIGN	K REKS	21.10.20	
RPEQ	M FROST	21.10.20	
APPROVE			

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PLANS AND DOCUMENTS
referred to in the REFERRAL
AGENCY RESPONSE



SARA ref: 2112-26527 SRA

Date: 12 January 2022

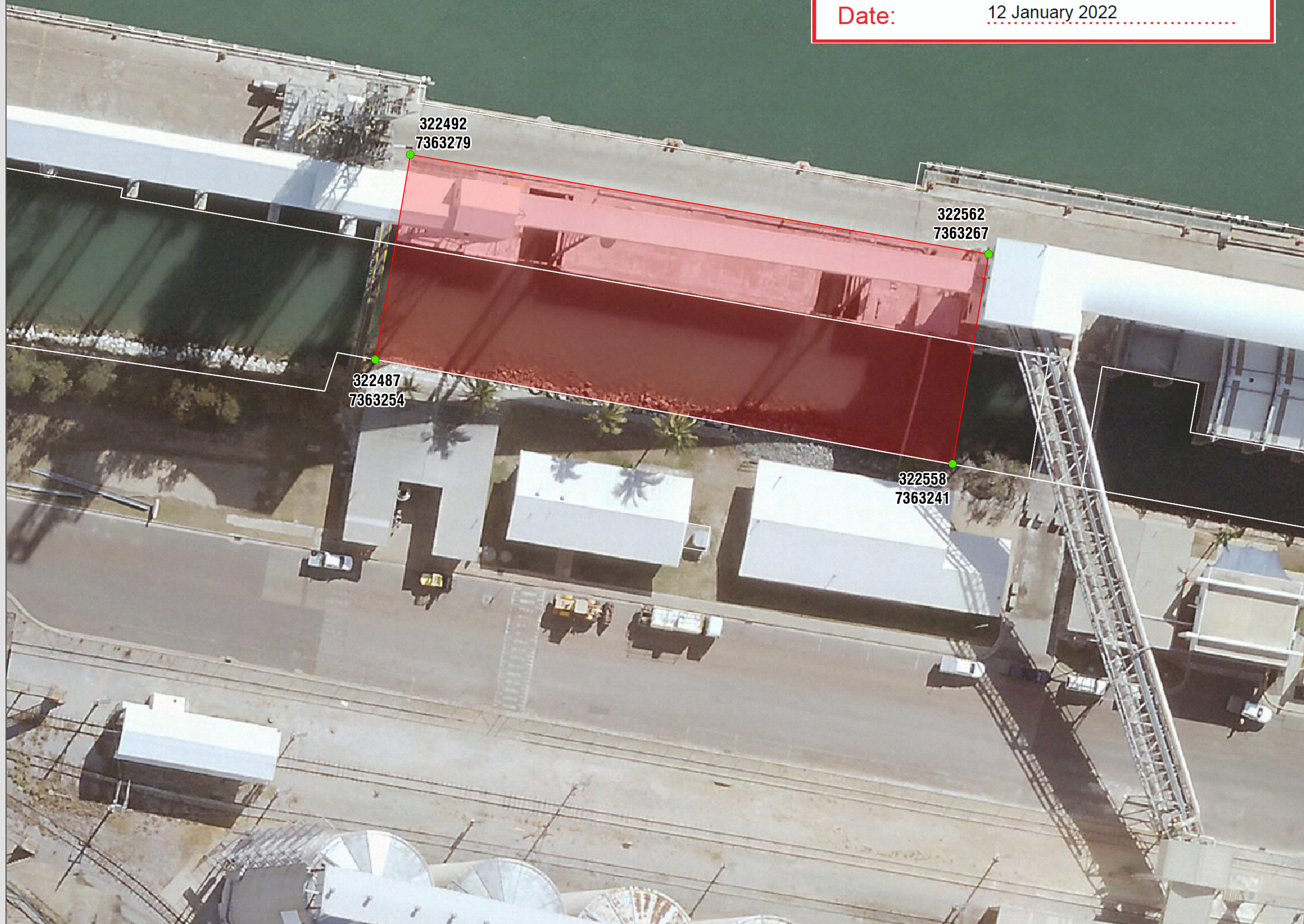
**PORT CENTRAL
RECLAMATION AREAS**

PORT OF GLADSTONE

LEGEND

- Land Backed Area behind AP 1 & 2
- DCDB

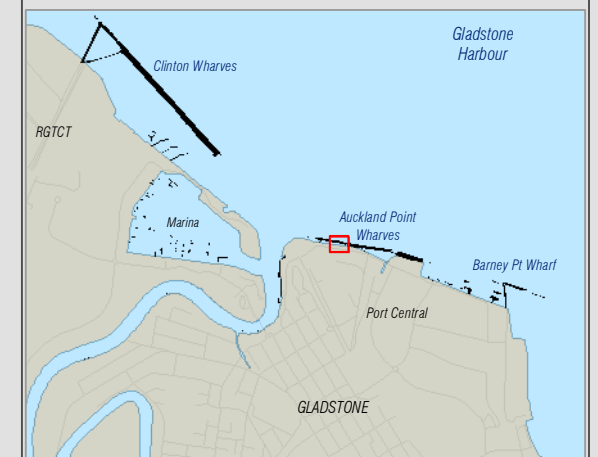
Revision 2



SCALE 1: 500 (A3)

0 10 20 metres

Spatial Reference: MGA Zone 56 (GDA94) [WKID: 28356]



GPC200022
30 Aug 2021



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AUCKLAND POINT BERTH 1 FENDER WORKS

PORT OF GLADSTONE

LEGEND

 Construction Area

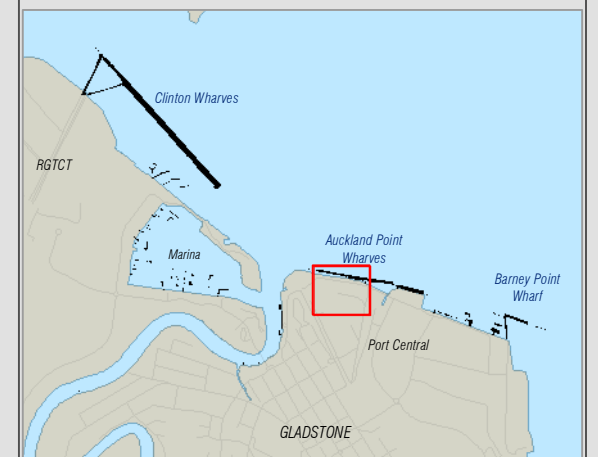
Revision 2



SCALE 1: 1 500 (A3)



Spatial Reference: MGA Zone 56 (GDA2020) [WKID: 7856]



Temporary removal, destruction or damage of 88m² of macro algae from removal/engulfment of existing timber piles

Permanent removal, destruction or damage of 1,081m² of marine plants on the seabed



60m

Truck
Turn-Around

MACFARLAN-DRIVE

41m
Access to Site

Security Fence

GRAIN ROAD



Rail Crossing

PLANS AND DOCUMENTS
referred to in the REFERRAL
AGENCY RESPONSE

SARA ref: 2112-26527 SRA

Date: 12 January 2022



GPC210009
30 Aug 2021

Gladstone Ports Corporation
Growth, prosperity, community.

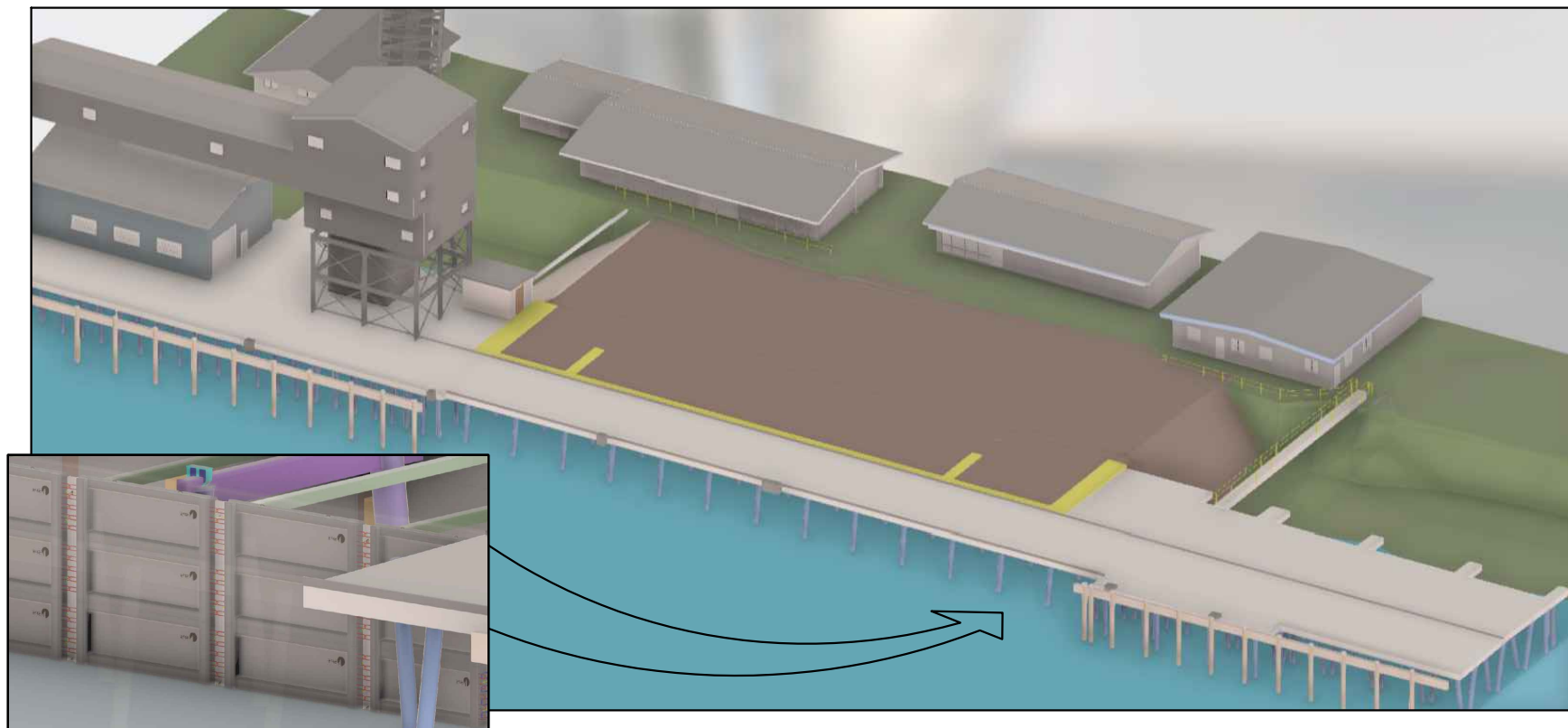
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LOCALITY PLAN

N.T.S.



SPS PANEL CLOSE-UP

N.T.S.

AUCKLAND POINT WHARF LANDBACK CONCEPT 3D RENDER

N.T.S.

PROPOSED NEW PRECAST CONCRETE PANEL AND EARTHEN WALL RETAINING SYSTEM, HEREIN REFERRED TO AS THE SPS SYSTEM; REFER DRGs 002-00099, 002-00100 & 002-00101

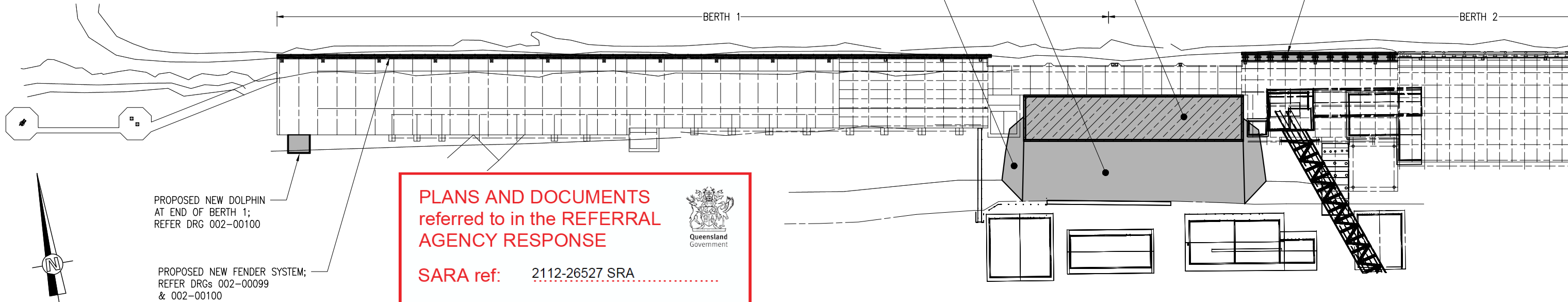
PROPOSED LAND RECLAMATION; REFER DRG 002-00102

PROPOSED NEW ROCK ARMOUR; REFER DRG 002-00102

PROPOSED NEW FENDER SYSTEM; REFER DRGs 002-00099 & 002-00100

NOTES:

- FOR ALL NOTES (INCLUDING GENERAL, CONCRETE, PRECAST CONCRETE, TEMPORARY WORK, DOLPHIN & FENDER, EARTHWORKS) AND ABBREVIATIONS REFER DRG 002-00098.



PROPOSED NEW DOLPHIN AT END OF BERTH 1; REFER DRG 002-00100

PROPOSED NEW FENDER SYSTEM; REFER DRGs 002-00099 & 002-00100

PLANS AND DOCUMENTS referred to in the REFERRAL AGENCY RESPONSE

SARA ref: 2112-26527 SRA

Date: 12 January 2022



FOR CONSTRUCTION

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2	KR	23.11.20	GPC REFINED DESIGN (UNCHANGED)				002-00100	PRECAST PANELS & CONCRETE ARRANGEMENT
							002-00101	DETAILS
							002-00102	EARTHWORKS ARRANGMENT

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3RD ANGLE PROJECTION U.N.O. ALL DIMENSIONS IN MILLIMETRES U.N.O. DO NOT SCALE

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SCALE AT A1: 1:500

DRAWN	K REKS	26.10.20
CHECK	M FROST	26.10.20
DESIGN	K REKS	26.10.20
RPEQ	M FROST	26.10.20
APPROVE		

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AUCKLAND POINT BERTH AP1 AND AP2 AUCKLAND POINT WHARF BERTH 1 & 2 SITE PLAN

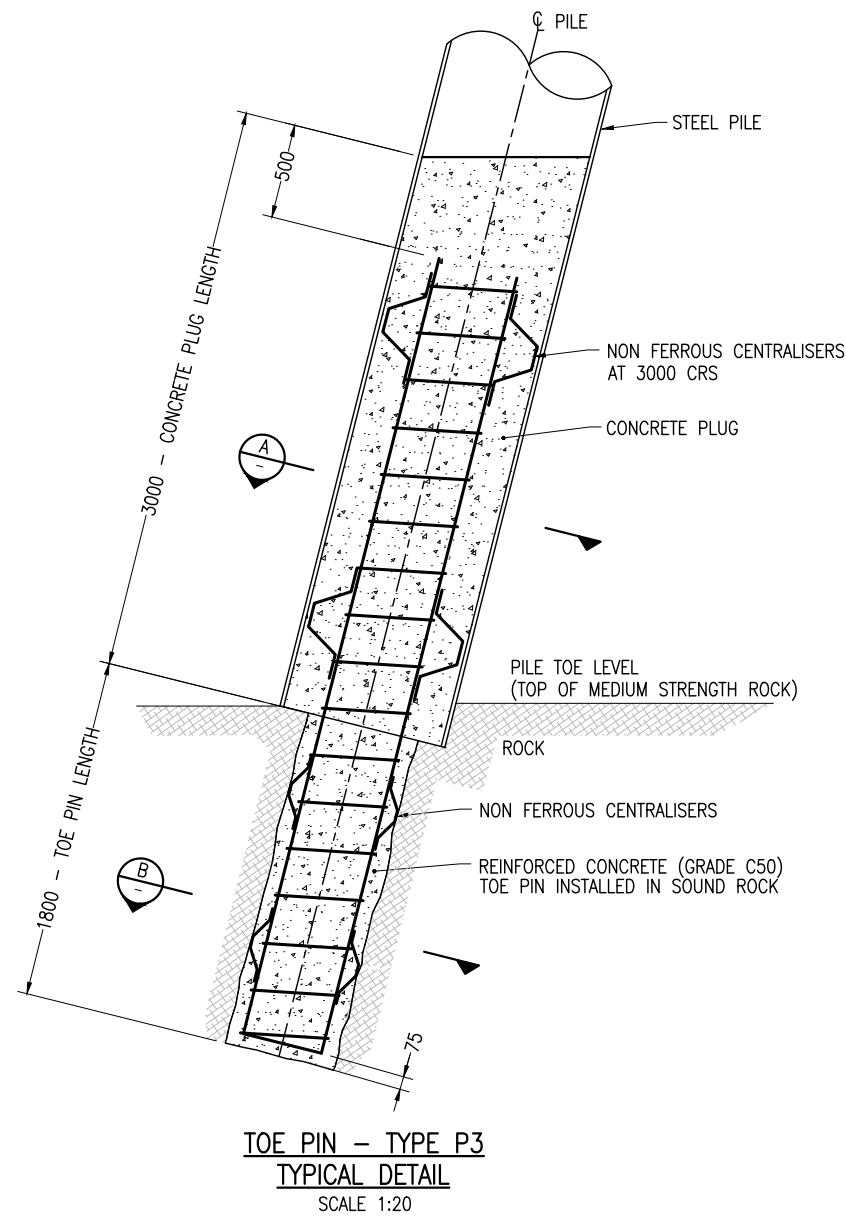
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GPC DRAWING No. 002-00103
A1 Asset/Part No.
REV. JDE Ref/Rego No. 2

**PLANS AND DOCUMENTS
referred to in the REFERRAL
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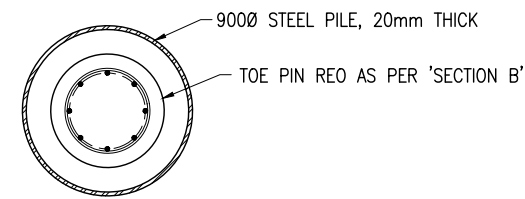


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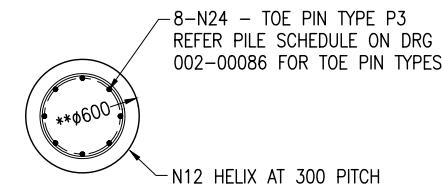
Date: 12 January 2022



**TOE PIN - TYPE P3
TYPICAL DETAIL**
SCALE 1:20

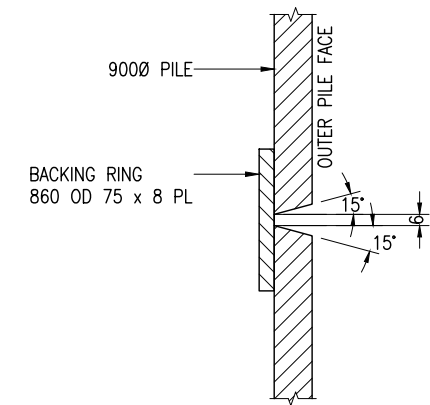


A SECTION
SCALE 1:20



** TOE PIN DIAMETER MAY BE INCREASED TO EQUAL THE INSIDE DIAMETER OF THE STEEL PILE.

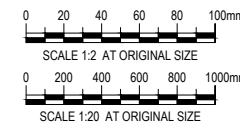
B SECTION
SCALE 1:20



PILE SPLICE DETAIL
SCALE 1:2

NOTES:
1. FOR NOTES REFER DRG 002-00078 TO 002-00080.

REV	DRN	DATE	REVISION DESCRIPTION	CHKD	DESIGN	APPR	DRG. NO.	REFERENCE DRAWING TITLE
1	AS	30.09.20	ISSUED FOR CONSTRUCTION	BJG	MM	BW		



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DRAWN	A. SAMAIN	30.09.20
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DESIGN	M. MIKELAT	30.09.20
APPROVE	B. WHEELER	30.09.20

**AUCKLAND POINT
BERTH AP1 AND AP2
FENDER REPLACEMENT AND WHARF UPGRADES
PILING PLAN AND SCHEDULE**

Ext Ref No.	41-32254-S010
GPC DRAWING No.	002-00087
A1 Asset/Part No.	
REV. 1 JDE Ref/Rego No.	

GLADSTONE PORTS CORPORATION BERTH AP1 AND AP2 FENDER REPLACEMENT AND WHARF UPGRADES



LOCALITY PLAN
N.T.S.

DRAWING LIST		
GPC DRG No.	DRAWING TITLE	GHD DRG No.
002-00077	COVER SHEET AND DRAWING LIST	41-32254-S001
002-00078	NOTES SHEET 1 OF 3	41-32254-S002
002-00079	NOTES SHEET 2 OF 3	41-32254-S003
002-00080	NOTES SHEET 3 OF 3	41-32254-S004
002-00081	GENERAL ARRANGEMENT	41-32254-S005
002-00082	DEMOLITION PLAN AND SECTIONS	41-32254-S006
002-00083	MOORING ARRANGEMENT SHEET 1 OF 2	41-32254-S007
002-00084	MOORING ARRANGEMENT SHEET 2 OF 2	41-32254-S008
002-00086	PILING PLAN AND SCHEDULE	41-32254-S010
002-00087	PILING DETAILS	41-32254-S011
002-00088	FENDER DETAILS SHEET 1 OF 3	41-32254-S012
002-00089	FENDER DETAILS SHEET 2 OF 3	41-32254-S013
002-00090	FENDER DETAILS SHEET 3 OF 3	41-32254-S014
002-00091	STRENGTHENING DOLPHIN GENERAL ARRANGEMENT	41-32254-S015
002-00092	STRENGTHENING DOLPHIN PRECAST DETAILS	41-32254-S016
002-00093	STRENGTHENING DOLPHIN CAST INSITU DETAILS	41-32254-S017
002-00094	CATHODIC PROTECTION LAYOUT	41-32254-S020
002-00095	CATHODIC PROTECTION DETAILS	41-32254-S021

**PLANS AND DOCUMENTS
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CHECK	A. GIGUERE RPEQ 22328	23.04.21
DESIGN	B. GILES	23.04.21
APPROVE	S. VIVIAN	23.04.21

AUCKLAND POINT
BERTH AP1 AND AP2
FENDER REPLACEMENT AND WHARF UPGRADES
COVER SHEET AND DRAWING LIST

Ext Ref No. 41-32254-S001
GPC DRAWING No. 002-00077
A1 Asset/Part No.
REV. JDE Ref/Rego No. 2

Civil Engineering Technical Requirement

CIVIL-SR-002

PLANS AND DOCUMENTS
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SARA ref: 2112-26527 SRA

Date: 12 January 2022

WORK IN OR ABOUT QUEENSLAND RAIL PROPERTY

Revision: G

Updated: 30 May 11

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C	04/02/2002		Safety Induction course costs updated
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DATE: 30 May 11

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1.0 INTRODUCTION

This Technical Requirement details the criteria which must be met by an external party working in or about Queensland Rail property. Reference is made to the following additional Queensland Rail Technical Requirements which must also be satisfied:

- *CIVIL-SR-003 Work adjacent to overhead line equipment,*

A copy of this document may be obtained from Queensland Rail.

All reference documents, e.g. Australian Standards, codes and Queensland Rail Technical Requirements, are to be the latest version.

1.1 Scope

This Technical Requirement specifies the requirements that a Contractor must comply with when working on:-

- Queensland Rail Property.
- In the vicinity of Queensland Rail property.
- Over or under Queensland Rail property.

When working on or adjacent to electrified tracks these requirements need to be read in conjunction with the Technical Requirement *CIVIL-SR-003 "Work Adjacent to Overhead Line Equipment"*.

1.2 Definition of Terms

- I. "Queensland Rail ". Queensland Rail having its offices at 305 Edward Street, Brisbane, Queensland.
- II. "Track Protection Officer (TPO)". The person appointed by Queensland Rail to protect the safe operation of the Operating Railway and has the responsibility for liaising with Train Control (except where a TPC has been appointed) and arranging for the necessary track protection;
- III. "Track Protection Co-ordinator (TPC)". The person appointed by Queensland Rail who has the overall responsibility for liaising with Train Control and arranging for the necessary track protection and safe working requirements. The TPC is to oversee and advise the Contractor on all railway safety requirements associated with the Works.

- IV. "Contractor". The persons, firm, partnership, company or corporation carrying out work adjacent to or over electrified railway tracks, whether as a contract or as day labour. The word "Contractor" shall mean the Contractor, subcontractors of the Contractor, and suppliers and invitees of the Contractor.
- V. "Queensland Rail Property". Property owned, leased or occupied by Queensland Rail.
- VI. "Operating Railway". The existing railway, which is in operation and includes but is not limited to fixed structures, installations, buildings and the like, as well as rollingstock and other equipment operating on the track.
- VII. "Project Manager". Queensland Rail appointed representative to oversee and coordinate the works during planning, design, construction and post construction. This role may be carried out by the Contracts Engineer during the construction and post construction.
- VIII. "Operating Track". A railway track over which trains and other track-mounted equipment may be operating.
- IX. "Track Closure". The closure of a section of the Operating Track to all rail traffic other than construction related rail traffic.
- X. "Track Possession". The period within a Track Closure when the Contractor is authorised to carry out work over, under or adjacent to the closed operating track.
- XI. "Work". Work which could directly or indirectly affect Queensland Rail property and/or operations.
- XII. "Work Site". Each separate location where work is to be carried out over, under or adjacent to the Operating Railway.

1.3 QUEENSLAND RAIL Corridor Safety

Queensland Rail corridor safety must be in accordance with Queensland Rail Multi Business Instruction NET-MUL-BI-6001 – "Access to the Queensland Rail network rail corridor". These requirements must apply to all persons entering the rail corridor, including all visitors, vendors and suppliers to the worksite.

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No one can enter the rail corridor without being supervised by a Queensland Rail qualified Track Protection Officer or being accredited as a Queensland Rail qualified Track Protection Officer.

All planned work within the rail corridor requires a written and approved Corridor Access Safety Plan (SW61), developed prior to entering the corridor, by the worksite Queensland Rail Track Protection Officer and the Worksite Supervisor. The Contractor/Worksite Supervisor must contact Queensland Rail prior to planning to enter the rail corridor, to arrange for a worksite assessment of the Queensland Rail corridor safety requirements, by a Queensland Rail Track Protection Officer.

The Contractor shall be responsible for ensuring that all staff, employees and all other persons for whom the Contractor is responsible are fully informed of the dangers and procedures while working near existing railway tracks and overhead traction wiring equipment.

1.4 Safety Clothing

The Contractor shall ensure that all employees, visitors and other personnel employed or present on railway property in areas generally excluded from the public, shall at all times wear high viz orange shirts or safety vests, in accordance with Queensland Rail safety standard SAF/STD/0032/SWK/NET. Where work is to be carried out at night or in reduced visibility, all shall wear reflectorised orange safety shirts or vests, in accordance with Queensland Rail's requirements.

The Contractor shall ensure that no red or green clothing, including hats and safety helmets, shall be permitted to be worn by any employee, visitor or other personnel of the Contractor while on railway property, in areas generally excluded from the public.

1.5 Work Authorisation

Work shall be carried out to the satisfaction of Queensland Rail or a Queensland Rail appointed Project Manager.

All work performed on Queensland Rail property or when directed by Queensland Rail shall be under the supervision of a TPC or TPO and shall be carried out only at times authorised by Queensland Rail or the Queensland Rail appointed Project Manager.

When the Works are located adjacent to a railway track with overhead traction wiring equipment, these requirements shall be read in conjunction with CIVIL-SR-003 - "Work Adjacent to Overhead Line Equipment".

2.0 CONSTRUCTION METHODS

2.1 General

The Contractor shall execute the Works in such manner as not to impede, obstruct, interfere with, or

endanger in any way the operations and/or property of Queensland Rail.

The safe operation of the railway is to take precedence over all work. No work is to be performed which will jeopardise the safe operation of railway traffic.

The Contractor shall be responsible during the progress of the works to avoid damage to any existing structures or services either owned by Queensland Rail or other Authorities. Before the commencement of any Works the Contractor shall arrange to check the location of services shown on drawings and for the presence of any other services not shown, by contacting "Dial Before You Dig".

Any damage to such services or/and structures shall be repaired at the Contractors cost, either by the Contractor or by the relevant Authority and to the satisfaction of the Authority concerned. The Contractor shall also be responsible for all costs incurred by the Service Authority due to interruptions to the service caused by any damage done by the Contractor.

In electrified railway areas, any damage to overhead line equipment is a serious safety hazard. Any damage to grading rings (copper wires buried around existing mast foundations) or traction bonds (cables attached to the railway rails) must be immediately reported to the TPO or TPC.

2.2 Interfering with a Railway

In accordance with section 255 of the Transport Infrastructure Act 1994, the Contractor must not interfere with a railway, unless he or she has the Rail Manager's written approval.

Should a Contractor interfere with a railway, the Rail Manager for the railway may, by written notice, require the Contractor to rectify the interference within a stated reasonable time.

Should the Contractor not comply with the requirement, the Rail Manager may rectify the interference at cost to the Contractor.

2.3 Environmental Management Plan

The Contractor's Construction Environmental Management Plan (EMP) shall ensure that all Works undertaken by the Contractor on Queensland Rail property shall have minimal impact on the environment and shall be in accordance with all relevant State Government legislation and Local Authority regulations. In doing so, the Contractor shall comply with the Environmental Protection Act 1994 and its Environmental Protection Policies and Regulations.

Specific account shall be taken of the Environmental Guidelines for Construction and Building Sites and Environmental Guidelines for Noise from Blasting.

No construction work on Queensland Rail land will be permitted until written approval of the relevant sections of the EMP is received from the Project Manager.

2.4 Track Protection Coordinator / Officer (TPC/TPO)

No operation which, in the opinion of the TPC or TPO, could affect in any way whatsoever QUEENSLAND RAIL operations and/or property shall be performed unless a TPC or TPO is in attendance. The Contractor shall advise the TPC or TPO through the Project Manager at least 48 hours (in addition to non-working days) in advance, stating the period or periods for which TPOs are required.

The TPC will arrange with the Project Manager for the services of TPOs for the period or periods required.

The number of TPOs employed at any time shall be at the discretion of the TPC.

2.5 Project Manager

All enquires and correspondence to Queensland Rail, associated with the Works, is to be directed through the Project Manager.

2.6 Construction Procedure

The Contractor shall prepare Work Method Statements as required by the Workplace Health and Safety Act and the Queensland Rail Project Manager and submit them to the Queensland Rail Project Manager for review. Work Method Statements shall include details of construction procedures, together with details of all falsework and formwork to be used over or adjacent to the railway tracks. Work shall not commence until such Work Method Statements have been reviewed by the Project Manager.

2.7 Track Clearances

All tracks have a danger zone of 3.0 metres from the track centre line. For electrified track, a further 3.0 metre exclusion zone is required, from overhead live equipment (all components considered live). For clearance details to electrified lines reference must be made to CIVIL-SR-003 - "Work Adjacent to Overhead Line Equipment".

All types of plant, fixed or mobile, used about or in connection with any work shall be so operated that no portion of the plant is at any time closer than the 3.0 metre danger zone to the centreline of any railway track (measured horizontally).

Where a worker, piece of plant or equipment has the potential to be struck by rail traffic on an adjacent live track, a barrier must be in place between the worksite and live track, or, where a barrier is not possible an alternative form of protection must be provided.

Where barriers are used as track protection, authorisation for such barriers will be made by the TPO/TPC.

All temporary buildings, shelters, barriers, falsework, formwork and the like shall only be erected at locations assessed by the TPO/TPC and approved by the Project Manager. No portion of any such building, shelter, barrier, falsework, formwork and the like shall be closer than 3.0 metres to the centreline of railway track (measured horizontally).

If it is necessary at any time to operate plant or erect falsework or formwork or other temporary structure closer to the centreline of the railway track than 3.0 metres (inside the danger zone), such closer operation or erection will only be permitted under track protection approved by the TPC/TPO.

All work inside Queensland Rail property shall be supervised by a TPC or TPO, unless otherwise approved by the Project Manager. Work further than 3.0 metres horizontally from the track centreline, but at a higher level where objects could fall within 3.0 metres horizontally of the track centreline, will only be permitted under track protection approved by the TPC/TPO.

The Contractor shall erect and maintain throughout the Contract period, a Queensland Rail approved high visibility tape or other Queensland Rail approved barrier 3.0 metres horizontally from the track centreline to indicate the limits of the safe work area. Where a high visibility tape is used as a barrier, a TPO must supervise.

For minimum clearances for falsework and formwork erected over non-electrified railway track refer to Queensland Rail standard drawing 2754 "Standard clearances for new structures". When working on or adjacent to electrified lines reference must be made to CIVIL-SR-003 - "Requirements for Work Adjacent to Overhead Line Equipment".

For work being carried out below rail level, all personnel must be at least 3.0 metres horizontally clear of the track centreline during the passage of any train through the worksite unless approved overhead protection barriers are provided.

2.8 Track Possession

Work which could involve undermining the track, damaging the track, blocking the track with rock or spoil, blasting and other operations which could prevent the safe operation of trains shall only be carried out during approved track possessions.

The Contractor shall schedule such work for the track possession periods available and shall ensure adequate manpower and equipment is on hand to complete the work and make the track available for

train operations within the total track possession period.

The minimum period for notification of the Contractor's requirements for possessions shall be **six (6) months** for minor possession times unless approved by the Project Manager.

For major possession times extra period for notification may be required. External Contractors are to submit requests on the appropriate form (via relevant Project Manager) to Queensland Rail, a minimum of 12 months, where practicable, or at least 6 months, from the day of operation.

The Track Possessions shall be in sufficient detail, including dates and durations desired for each Track Possession, to provide all necessary information on work at Work Sites, which affects or may affect the Operating Railway.

The Contractor shall be responsible for the accuracy of all information stated on the application and for delivery of the application to the Project Manager.

The Project Manager will not give the Contractor approval to commence work for which the track possession has been arranged until the Contractor has satisfied the TPC or TPO that the proposed procedures are suitable and that adequate plant and labour are on hand to complete the work within the allotted period.

The Contractor may not have available the whole of the period of any track closure as an exclusive use for the carrying out of work. Prior, concurrent or concluding activities by Queensland Rail may restrict the time available to the Contractor.

All costs associated with the provision of track possessions as well as any costs associated with the withholding of approval or the provision of additional or backup plant or labour shall be borne by the Contractor.

After a Track Possession has been granted by Queensland Rail for a nominated date, the contractor shall advise the Project Manager of any changes to the required date of the Track Possession by no later than 10 days prior to the Track Possession date. Should the Contractor fail to advise within the required minimum notification times, appropriate cancellation cost will apply. The Project Manager will endeavour to give the contractor as much notice as possible of any Track Possession that cannot be granted, but will not be obliged to compensate the contractor for any loss.

The Contractor shall, to the extent stated by Queensland Rail, pay all costs incurred by Queensland Rail in connection with track possession.

The Contractor shall pay without deduction all moneys due and owing to Queensland Rail pursuant to this clause not later than 30 days from the date of Queensland Rail's invoice.

Queensland Rail reserves the right at any time to cancel any Track Possession at short notice by notice in writing to the Contractor.

2.9 Delays to Trains

Where the operations of Queensland Rail trains are delayed by **over 5 minutes** by the Contractor, or its servants or workmen or agents, and Queensland Rail determines that such delays are attributable to the default or neglect of the Contractor or its servants or workmen or agents, the cost of such delays shall be recovered by Queensland Rail from the Contractor.

The cost of delay shall be calculated by Queensland Rail for the train standing at the point of obstruction and for each train delayed further along the line in either direction.

If the delay is such that alternative transport arrangements are necessary for passengers or freight, the full cost of providing the alternative transport will be recoverable from the Contractor in addition to the cost of the delayed trains.

2.10 Stopping Work

If the Contractor is executing any work in a manner which, in the opinion of the TPC, TPO or Project Manager, could endanger Queensland Rail operations and/or property, the TPC, TPO or Project Manager shall have the right to instruct the Contractor to stop such work. If such instructions are not carried out, the TPC, TPO or Project Manager shall have the power to stop immediately all work, which could endanger Queensland Rail operations and/or property until adequate safety measures are implemented.

2.11 Removal of Contractor's Employee

The TPC and the TPO shall have the power to instruct the Project Manager, in writing, to order the Contractor to remove any employee of the Contractor from the Works, should that employee disobey an instruction given by the Protection Officer.

If a person breaches Queensland Rail's safety requirements associated with the safe operation of the operating corridor, by more than twice on the Work Site, then that person will be immediately removed from the Work Site, by the TPO. The matter will be referred to the TPC/Project Manager, who will determine whether that person shall be permanently removed from the Work Site.

2.12 Temporary Level Crossings

If access across railway tracks is required by the Contractor and is considered necessary by the Project Manager, Queensland Rail will provide, maintain and remove at the expense of the Contractor temporary level crossings to enable the Contractor to gain access to the Works Site.

Queensland Rail must assess any proposed temporary level crossings, in accordance with the Australian Standard 1742.7 for level crossings. The Contractor shall apply the controls as recommended by the Queensland Rail assessment. All costs of the assessment and crossing construction shall be at the Contractor's cost.

The location of any access across railway tracks shall be authorised in writing by the Project Manager.

Approach earthworks to such crossings shall be constructed by the Contractor at the Contractor's expense to details provided by Queensland Rail.

The Contractor shall advise the Project Manager at least four (4) weeks in advance of the date when such access will be required, but Queensland Rail will not be responsible for any delay in the construction of the crossing and the Contractor shall have no claim on Queensland Rail in respect of any such delay.

2.13 Excavation near a Railway Track

The Contractor is to give Queensland Rail or the Queensland Rail Project Manager at least four (4) weeks notice of any intention to excavate within 25 metres of an existing or future rail corridor boundary, adjacent to or under railway tracks and over or under a railway tunnel. Excavations in these areas are to be carried out by methods described in Queensland Rail's conditions of approval for the Works and/or methods authorised by the Project Manager.

The Contractor shall be responsible for the costs of any track supports.

Where required by the Contractor and/or considered necessary by the Project Manager, the construction and installation of track supports will be carried out, at the Contractor's cost, by Queensland Rail. The Contractor shall be responsible for the construction and installation of any shoring required.

The Contractor shall be responsible for the safety of excavations within Queensland Rail property and shall cover and/or protect any such excavations with barriers and lights as necessary.

Excavations on Queensland Rail property shall not be backfilled until the methods and material proposed have been submitted to and reviewed by the Project Manager.

2.14 Blasting

The Contractor must give the Project Manager at least two (2) weeks notice of any intention to excavate by blasting and shall furnish full details of the location thereof and the proposed methods as well as the name and permit number of the licensed shotfirer.

Such blasting may only be carried at locations authorised by the Project Manager and at times authorised by the TPC or TPO. The TPO shall be in attendance.

Because of the extensive use of radio communications in the Queensland Rail system, the Contractor shall only use a non electric initiation system for explosives unless otherwise approved by the Project Manager. Explosive holes may be filled and stemmed prior to the passage of the last train past the Work Site but the interconnection of the initiation system between blast holes shall not occur until the track is clear of trains and permission given to the contractor to proceed by the TPO.

Blasting will not be permitted near any structures, fixtures, foundations and the like, the stability or integrity of which, in the opinion of the Project Manager, TPC or TPO may be endangered by blasting.

The Contractor will provide screens, barriers, mats and the like to limit the effects of blasting.

The Contractor will be held responsible for any loss, damage or injury sustained by the public or by workmen (whether employees of the Contractor, Queensland Rail or other Authority) and for any damage to property of any description whatsoever caused directly or indirectly by such blasting.

2.15 Construction Plan

For construction over railway tracks, the Contractor shall detail, in a construction plan, the construction procedure and interfaces with the railway. Construction shall not commence until the construction plan has been submitted to and approved by the Queensland Rail Project Manager.

3.0 RELOCATION OR ALTERATION OF RAILWAY SERVICES

The Contractor must advise the Project Manager in writing at least six (6) weeks before the date that any alterations to Queensland Rail services such as signalling, telecommunications or power supply systems will be required.

The cost of any such work shall be borne by the Contractor.

4.0 WORKS AREAS ON RAILWAY LAND

The Contractor must advise the Project Manager in writing of any areas of railway land required by the Contractor for carrying out the Works at least six (6) weeks before the land is required. The Contractor

must not be given possession of any railway land until the extent and limits of all work areas on railway land have been authorised by the Project Manager.

The Contractor must erect safety fences and any other necessary protective measures to ensure that the Contractor's possession of such areas does not interfere with or endanger in any way whatsoever members of the public, Queensland Rail agents or servants, or Queensland Rail operations or property.

The Contractor must ensure that existing public access is maintained throughout the construction to a standard at least equal to that existing prior to the start of construction.

5.0 DEMOLITION OF EXISTING STRUCTURE

Demolition work must not commence until full details of proposed demolition methods and of the types of plant and equipment to be used have been submitted to and authorised by the Project Manager.

The demolition work is to be carried out in such a manner that no material shall fall on Queensland Rail tracks or other Queensland Rail installations.

If there is a possibility of material falling on Queensland Rail tracks or other Queensland Rail installations, the Contractor is to provide protection to such tracks and/or installations as approved by the TPC or TPO and the Project Manager.

Demolition must only be carried out at times authorised by the Project Manager, and the TPO shall be in attendance.

6.0 REMOVAL AND RE-ERECTING OF FENCING

If it is necessary to remove any fences along the railway boundary as part of the Works, or where other fences are removed temporarily or disturbed, all such fences shall be replaced or repaired by the Contractor, and left, at the time of the completion of the Works, in the same order and condition as they were at the commencement of the Works.

Contractor must maintain operating corridor security at all times or provide a TPO to supervise. A temporary fence shall be erected to protect corridor security before fences are removed.

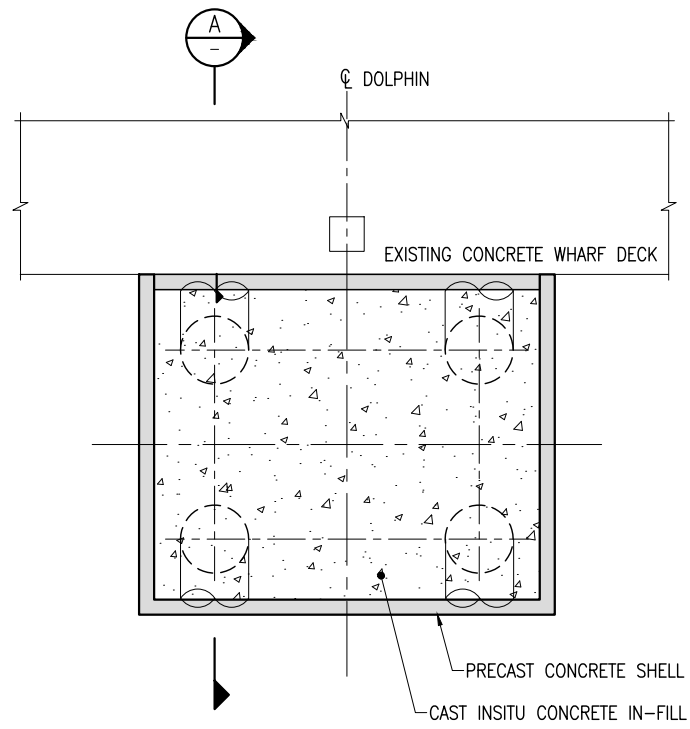
Following removal of any fence along the railway boundary, the Contractor shall erect suitable barricades along the boundary at all times when work at that location is not in progress and until the fence is re-erected or replaced.

The Contractor is to keep the fence stock proof at all times when access is not required.

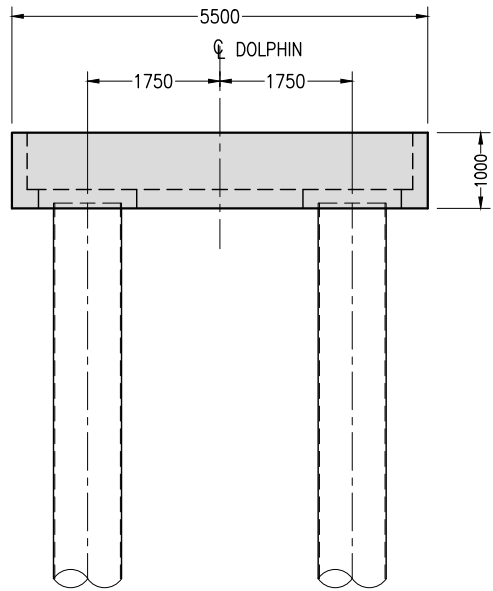
7.0 REMOVAL OF BUILDINGS AND CLEANING UP

Upon completion of work on Queensland Rail land, the Contractor is to remove all buildings, offices, workshops, temporary structures, plant, materials, surplus earth, rubbish and other construction items and shall restore the site to its original condition.

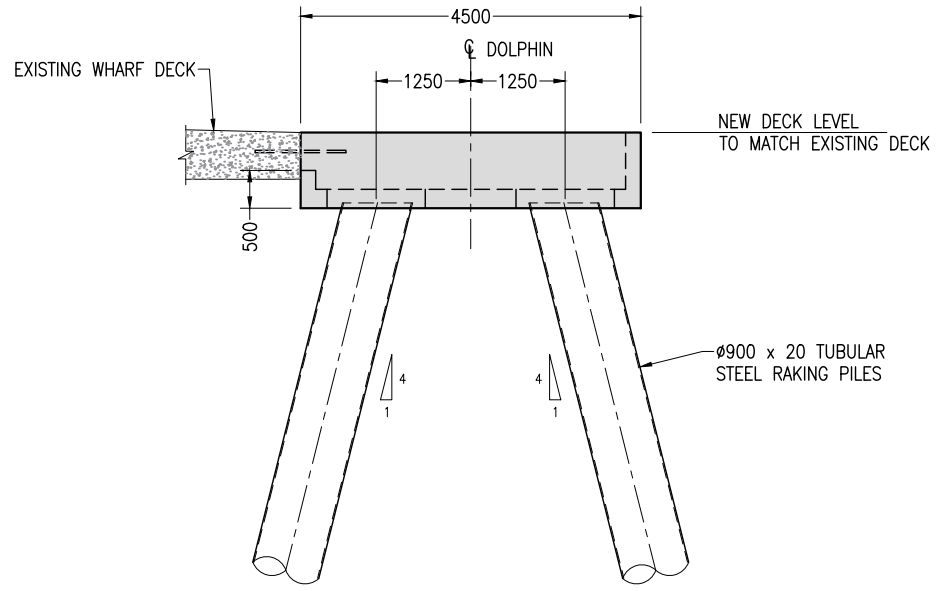
Any unfinished restoration works, which are not to Queensland Rail satisfaction, will be completed by Queensland Rail at the expense of the Contractor.



PLAN
SCALE 1:50




ELEVATION
SCALE 1:50



A SECTION
SCALE 1:50

PLANS AND DOCUMENTS referred to in the REFERRAL AGENCY RESPONSE

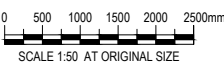

Queensland Government

SARA ref: 2112-26527 SRA

Date: 12 January 2022

NOTES:
1. FOR NOTES REFER DRG 002-00078 TO 002-00080.


REV	DRN	DATE	REVISION DESCRIPTION	CHKD	DESIGN	APPR	DRG. NO.	REFERENCE DRAWING TITLE
1	AS	30.09.20	ISSUED FOR CONSTRUCTION	BJG	MM	BW		



GLADSTONE PORTS CORPORATION
VENDOR DRAWING

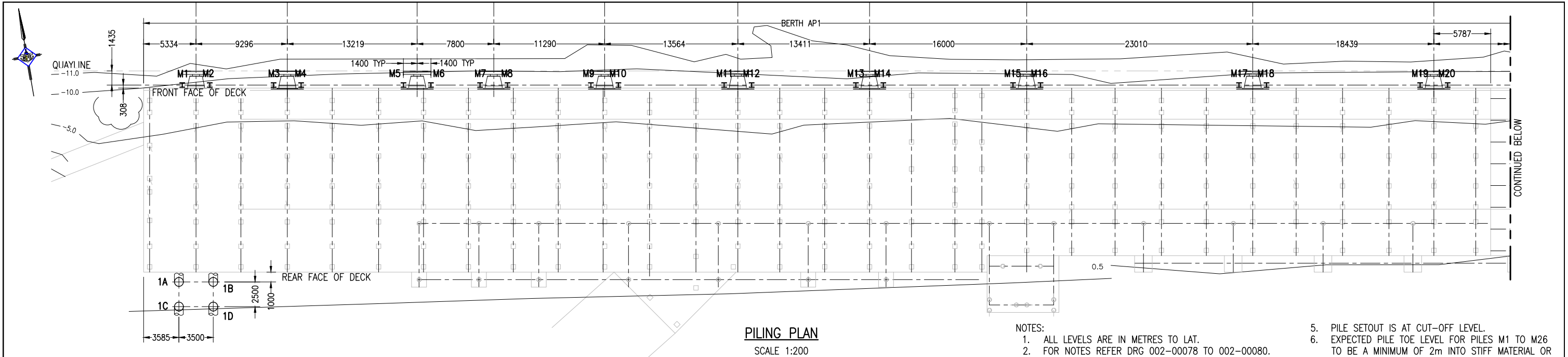
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DRAWN	A. SAMAIN	30.09.20
CHECK	B. GILES RPEQ 10749	30.09.20
DESIGN	M. MIKELAT	30.09.20
APPROVE	B. WHEELER	30.09.20



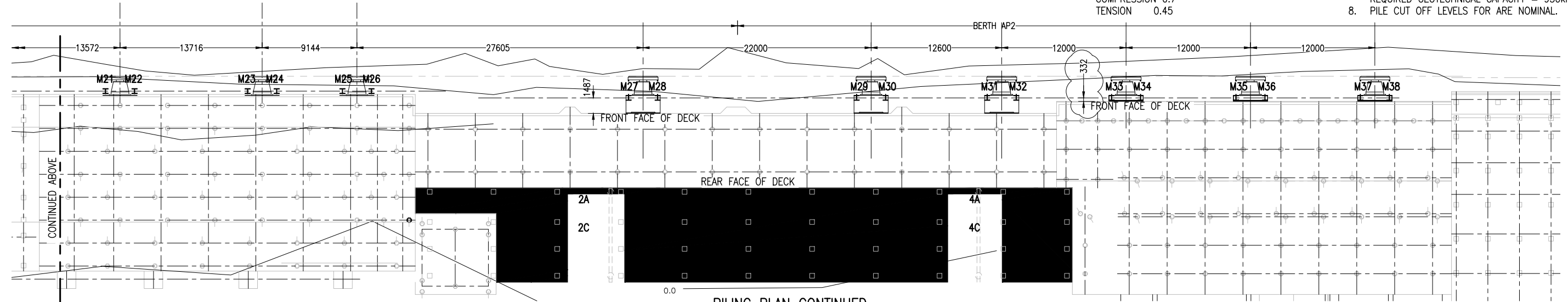
**AUCKLAND POINT
BERTH AP1 AND AP2
FENDER REPLACEMENT AND WHARF UPGRADES
STRENGTHENING DOLPHIN
GENERAL ARRANGEMENT**

Ext Ref No.	41-32254-S015
GPC DRAWING No.	002-00091
A1 Asset/Part No.	
REV. JDE Ref/Rego No.	1



PILING PLAN
SCALE 1:200

- NOTES:
- ALL LEVELS ARE IN METRES TO LAT.
 - FOR NOTES REFER DRG 002-00078 TO 002-00080.
 - INSTALLATION TOLERANCES:
PILES $\leq 100\text{mm}$.
MOUNTING PILES $\leq 25\text{mm}$.
 - STRENGTH REDUCTION FACTOR ϕ :
COMPRESSION 0.7
TENSION 0.45
 - PILE SETOUT IS AT CUT-OFF LEVEL.
 - EXPECTED PILE TOE LEVEL FOR PILES M1 TO M26 TO BE A MINIMUM OF 2m INTO STIFF MATERIAL OR BETTER. CONTINGENCY FOR ACHIEVING TOE LEVEL TO INCLUDE PRE-DRILLING.
 - PILE M1 TO M6:
ULS LOADS COMPRESSION = 650kN
REQUIRED GEOTECHNICAL CAPACITY = 950kN.
 - PILE CUT OFF LEVELS FOR ARE NOMINAL.



PILING PLAN CONTINUED
SCALE 1:200

PILE SCHEDULE

PILE NUMBER	DIAMETER (mm)	WALL THICKNESS (mm)	PILE RAKE (H:V)	TOE PIN TYPE	CUT OFF LEVEL (RL)	APPROX. EXISTING SEABED LEVEL (RL)	APPROX. PILE TOE LEVEL (RL)	ULS LOAD		REQUIRED GEOTECHNICAL CAPACITY	
								COMP (kN)	TENS (kN)	COMP (kN)	TENS (kN)
1A	900	20	1:4	P3	+4.556	+0.5	-14.50	980	600	1400	1400
1B	900	20	1:4	P3	+4.556	+0.5	-14.50	980	600	1400	1400
1C	900	20	1:4	P3	+4.556	+1.0	-14.50	980	-	1400	
1D	900	20	1:4	P3	+4.556	+1.0	-14.50	980	-	1400	

PILE NUMBER	MEMBER	PILE RAKE (H:V)	CUT OFF LEVEL (RL)	APPROX. EXISTING SEABED LEVEL (RL)	PILE TOE LEVEL (RL)
M1	500WC440	V	+1.920	-11.0	-14.00
M2	500WC440	V	+1.920	-11.0	-14.00
M3	500WC440	V	+1.920	-11.0	-14.00
M4	500WC440	V	+1.920	-11.0	-14.00
M5	500WC440	V	+1.920	-11.0	-14.00
M6	500WC440	V	+1.920	-11.0	-14.00
M7	500WC440	V	+1.920	-11.0	-14.00
M8	500WC440	V	+1.920	-11.0	-14.00
M9	500WC440	V	+1.920	-11.0	-14.00
M10	500WC440	V	+1.920	-11.0	-14.00
M11	500WC440	V	+1.920	-11.0	-14.00
M12	500WC440	V	+1.920	-11.0	-14.00
M13	500WC440	V	+1.920	-11.0	-14.00
M14	500WC440	V	+1.920	-11.0	-14.00
M15	500WC440	V	+1.920	-11.0	-14.00
M16	500WC440	V	+1.920	-11.0	-14.00
M17	500WC440	V	+1.920	-11.0	-14.00
M18	500WC440	V	+1.920	-11.0	-14.00
M19	500WC440	V	+1.920	-11.0	-14.00

PILE NUMBER	MEMBER	PILE RAKE (H:V)	CUT OFF LEVEL (RL)	APPROX. EXISTING SEABED LEVEL (RL)	PILE TOE LEVEL (RL)
M20	500WC440	V	+1.920	-11.0	-14.00
M21	500WC440	V	+1.920	-11.0	-14.00
M22	500WC440	V	+1.920	-11.0	-14.00
M23	500WC440	V	+1.920	-11.0	-14.00
M24	500WC440	V	+1.920	-11.0	-14.00
M25	500WC440	V	+1.920	-11.0	-14.00
M26	500WC440	V	+1.920	-11.0	-14.00
M27	500WC440	V	+2.060	-11.0	-14.00
M28	500WC440	V	+2.060	-11.0	-14.00
M29	500WC440	V	+2.060	-11.0	-14.00
M30	500WC440	V	+2.060	-11.0	-14.00
M31	500WC440	V	+2.060	-11.0	-14.00
M32	500WC440	V	+2.060	-11.0	-14.00
M33	500WC440	V	+2.060	-11.0	-14.00
M34	500WC440	V	+2.060	-11.0	-14.00
M35	500WC440	V	+2.060	-11.0	-14.00
M36	500WC440	V	+2.060	-11.0	-14.00
M37	500WC440	V	+2.060	-11.0	-14.00
M38	500WC440	V	+2.060	-11.0	-14.00

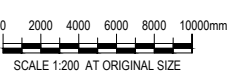
PLANS AND DOCUMENTS referred to in the REFERRAL AGENCY RESPONSE

SARA ref: 2112-26527 SRA

Date: 12 January 2022

REV	DRN	DATE	REVISION DESCRIPTION	CHKD	DESIGN	APPR	DRG. NO.	REFERENCE DRAWING TITLE
1	AS	30.09.20	ISSUED FOR CONSTRUCTION	BJG	MM	BW		
2	AS	23.04.21	RE-ISSUED FOR CONSTRUCTION - REVISED FENDER OUTSTAND	AG	BJG	SSV		
3	ES	06.05.21	DELETED STRENGTHENING DOLPHINS					

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GPO Box 668 Brisbane QLD 4001
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E bnemal@ghd.com W www.ghd.com



GLADSTONE PORTS CORPORATION
VENDOR DRAWING

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DRAWN	A. SAMAIN	23.04.21
CHECK	A. GIGUERE	23.04.21
DESIGN	B. GILES	23.04.21
APPROVE	S. VIVIAN	23.04.21

AUCKLAND POINT
BERTH AP1 AND AP2
FENDER REPLACEMENT AND WHARF UPGRADES
PILING PLAN AND SCHEDULE

Ext Ref No. 41-32254-S010
GPC DRAWING No. **002-00086**
A1 Asset/Part No.
REV. JDE Ref/Rego No.
3

Development Assessment Rules—Representations about a referral agency response

The following provisions are those set out in sections 28 and 30 of the Development Assessment Rules¹ regarding **representations about a referral agency response**

Part 6: Changes to the application and referral agency responses

28 Concurrence agency changes its response or gives a late response

- 28.1. Despite part 2, a concurrence agency may, after its referral agency assessment period and any further period agreed ends, change its referral agency response or give a late referral agency response before the application is decided, subject to section 28.2 and 28.3.
- 28.2. A concurrence agency may change its referral agency response at any time before the application is decided if—
- (a) the change is in response to a change which the assessment manager is satisfied is a change under section 26.1; or
 - (b) the Minister has given the concurrence agency a direction under section 99 of the Act; or
 - (c) the applicant has given written agreement to the change to the referral agency response.²
- 28.3. A concurrence agency may give a late referral agency response before the application is decided, if the applicant has given written agreement to the late referral agency response.
- 28.4. If a concurrence agency proposes to change its referral agency response under section 28.2(a), the concurrence agency must—
- (a) give notice of its intention to change its referral agency response to the assessment manager and a copy to the applicant within 5 days of receiving notice of the change under section 25.1; and
 - (b) the concurrence agency has 10 days from the day of giving notice under paragraph (a), or a further period agreed between the applicant and the concurrence agency, to give an amended referral agency response to the assessment manager and a copy to the applicant.

¹ Pursuant to Section 68 of the *Planning Act 2016*

² In the instance an applicant has made representations to the concurrence agency under section 30, and the concurrence agency agrees to make the change included in the representations, section 28.2(c) is taken to have been satisfied.

Part 7: Miscellaneous

30 Representations about a referral agency response

- 30.1. An applicant may make representations to a concurrence agency at any time before the application is decided, about changing a matter in the referral agency response.³

³ An applicant may elect, under section 32, to stop the assessment manager's decision period in which to take this action. If a concurrence agency wishes to amend their response in relation to representations made under this section, they must do so in accordance with section 28.

Attachment 2 Approved Plans and Specifications

GLADSTONE PORTS CORPORATION BERTH AP1 AND AP2 FENDER REPLACEMENT AND WHARF UPGRADES



LOCALITY PLAN
N.T.S.

DRAWING LIST	
GPC DRG No.	DRAWING TITLE
002-00077	COVER SHEET AND DRAWING LIST
002-00078	NOTES SHEET 1 OF 3
002-00079	NOTES SHEET 2 OF 3
002-00080	NOTES SHEET 3 OF 3
002-00081	GENERAL ARRANGEMENT
002-00082	DEMOLITION PLAN AND SECTIONS
002-00083	MOORING ARRANGEMENT SHEET 1 OF 2
002-00084	MOORING ARRANGEMENT SHEET 2 OF 2
002-00085	PILING PLAN AND SCHEDULE
002-00087	PILING DETAILS
002-00088	FENDER DETAILS SHEET 1 OF 3
002-00089	FENDER DETAILS SHEET 2 OF 3
002-00090	FENDER DETAILS SHEET 3 OF 3
002-00091	STRENGTHENING DOLPHIN GENERAL ARRANGEMENT
002-00092	STRENGTHENING DOLPHIN PRECAST DETAILS
002-00093	STRENGTHENING DOLPHIN CAST INSTRU DETAILS
002-00094	CATHODIC PROTECTION LAYOUT
002-00095	CATHODIC PROTECTION DETAILS

APPROVED



REV	DATE	REVISION DESCRIPTION	GPC DRG No.	DATE	BY	TITLE
1	AS	ISSUED FOR CONSTRUCTION	002-00077	23/04/21	AM	
2	AS	ISSUED FOR CONSTRUCTION - REISED FENDER CLIPPING	002-00078	23/04/21	AS	

<p style="text-align: center;">GLADSTONE PORTS CORPORATION LEADER DRAWING</p> <p style="font-size: 8pt;">THIS DRAWING IS THE PROPERTY OF GLADSTONE PORTS CORPORATION AND IS NOT TO BE USED FOR ANY PURPOSE WITHOUT THE WRITTEN PERMISSION OF THE CORPORATION</p>	<p style="text-align: center;">GLADSTONE PORTS CORPORATION</p> <p style="font-size: 8pt;">DRAWN: A. SAMM CHECK: A. SAMM DESIGN: B. GILES APPROVE: S. WYNN</p> <p style="font-size: 8pt;">DATE: 23/04/21 DATE: 23/04/21 DATE: 23/04/21</p>
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<p style="font-size: 8pt;">GLADSTONE PORTS CORPORATION 150 North Brisbane QLD 4008 Australia GPC No. 400 8000 002 001 P O Box 1000 4017 Brisbane Q Queensland Management</p>	<p style="text-align: center;">APPROVED MARK FROST 17/01/21</p>
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<p style="font-size: 8pt;">GPC DRAWING No. 002-00077 PROJECT: BERTH AP1 AND AP2 SUBJECT: FENDER REPLACEMENT AND WHARF UPGRADES DRAWING TITLE: COVER SHEET AND DRAWING LIST</p>	<p style="font-size: 8pt;">GLADSTONE PORTS CORPORATION PROJECT No. 41-32254-3001 DRAWING No. 002-00077 SHEET No. 01 PAGE No. 2</p>
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REINFORCEMENT:

- R1. USE HOT-ROLLED GRADE 500 DEFORMED (ABBED) BARS OF DUCTILITY CLASS N TO AS/NZS1671. REINFORCING STEEL TO COMPLY WITH AS 3600 AND AS/NZS 4671
- R2. FABRICATORS AND PROCESSORS OF STEEL REINFORCING AND PRE-STRESSING MATERIALS MUST HOLD A VALID CERTIFICATE OF APPROVAL ISSUED BY ACS (AUSTRALASIAN CERTIFICATION AUTHORITY FOR REINFORCING AND STRUCTURAL STEEL) WIRE AND SUPPLY CERTIFICATION OF COMPLIANCE WITH AS/NZS1671. PRODUCT TAGS AND SUPERIMPOSED CODES FOR ALL REINFORCEMENT. PROVIDE CERTIFICATION OF COMPLIANCE WITH AS/NZS1671 FOR ALL PRESTRESSING - TENDONS WITH AS/NZS1671. PROVIDE DOCUMENTATION TO SHOW THAT REINFORCEMENT SUPPLIER AND MILL COMPLIES WITH AS/NZS1671.
- R3. REINFORCEMENT MUST HAVE UNIQUE MARKS TO IDENTIFY SUPPLIER.
- R4. DO NOT USE LOW DUCTILITY REINFORCEMENT (GRADE L) UNO.
- R5. REINFORCEMENT TO BE CLEAN, FREE OF LOOSE MILL SCALE, RUST, OIL, GREASE, MUD OR OTHER MATERIAL THAT MIGHT REDUCE BOND BETWEEN REINFORCEMENT AND CONCRETE.
- R7. SUBMIT PROPOSAL FOR CUTTING OR DISPLACING REINFORCEMENT. CLEAN AND PROTECT EXPOSED CUT ENDS OF REINFORCEMENT USING 6 mm APPROVED EPOXY. PROVIDE STANDARD COGS AND HOOKS TO AS3600. PROVIDE FIRST LIGATURE WITHIN 50 mm OF FACE OF SUPPORT.
- R8. REINFORCEMENT IS REPRESENTED DIAGRAMMATICALLY AND IS NOT NECESSARILY IN TRUE PROPORTION. SET REINFORCEMENT OUT AT EQUAL CENTRES IF SPACING IS NOT MENTIONED.
- R10. ENSURE ALL LAD REINFORCING BARS ARE RESTRAINED BEFORE STOPPING WORK TO PREVENT BARS ROLLING UNDERFOOT.
- R11. REINFORCEMENT TO BE SUPPLIED TO SITE PRE-BENT TO REQUIRED SHAPES.
- R12. SECURE REINFORCEMENT IN POSITION AGAINST DISPLACEMENT AND MAINTAIN SPECIFIED CLEAR CONCRETE COVER TO REINFORCEMENT (INCLUDING FITMENTS) BY APPROVED CHAIRS, SPACERS, LIGATURES OR TIES AT 800 mm MAXIMUM CENTRES EACH WAY UNO. PROVIDE ADEQUATE SUPPORT TO PREVENT DISPLACEMENT OF REINFORCEMENT BY WORKMEN OR EQUIPMENT DURING CONCRETE PLACEMENT.
- R13. SECURELY TIE REINFORCEMENT WITH WIRE TIES. TURN ENDS OF THE WIRES INTO CONCRETE, CLEAR OF COVER ZONE.
- R14. FOR BARS, TIE STRIPS TO BARS IN EACH CORNER OF EACH STRIP. FIX OTHER CORNERS TO BARS AT 100 mm MAXIMUM CENTRES.
- R15. DO NOT PLACE OR MOVE REINFORCEMENT DURING OR AFTER CONCRETE PLACEMENT. FOR EXTERNAL OR CORROSIVE APPLICATIONS, PROVIDE PROTECTIVE COATING.
- R17. ENSURE EMBEDDED ITEMS (INSERTS, THREADED SOCKETS, FERRELS, BOLTS, DISSIMILAR METAL ITEMS, etc.) IN COVER CONCRETE OR DEPOSED TO AIR. DO NOT IN CONTACT WITH REINFORCEMENT. PROVIDE ISOLATION BETWEEN DISSIMILAR METALS, AND BETWEEN REINFORCEMENT AND EXPOSED ITEMS.
- R18. OBTAIN SUPERINTENDENT'S APPROVAL OF INSERTS, FERRES AND OTHER ITEMS EMBEDDED IN COVER CONCRETE.
- R19. DO NOT WELD REINFORCEMENT, CAST-IN ITEMS etc UNLESS APPROVED UNO.
- R20. SPlice REINFORCEMENT ONLY AT LOCATIONS SHOWN ON DRAWINGS OR AS APPROVED BY SUPERINTENDENT. STAGGER LAPS WHERE POSSIBLE. LAPPED SPlice LENGTHS TO COMPLY WITH AS3600. CLEAR SPACING BETWEEN LAPPED BARS TO BE LESS THAN THREE TIMES BAR DIAMETER. CLEAR SPACING BETWEEN LAPPED SPlice LENGTHS TO BE FOUR TIMES BAR DIAMETER.
- R21. REINFORCEMENT SPICES IN TENSION MEMBERS MUST BE WELDED OR MECHANICAL SPICES.
- R22. REINFORCEMENT DEVELOPMENT AND LAP LENGTHS SHALL BE AS FOLLOWS UNO ON THE DRAWINGS:

FOR VERTICAL REINFORCEMENT AND HORIZONTAL REINFORCEMENT WITH UP TO 300mm OF CONCRETE BENEATH:

BAR DIAMETER	DEVELOPMENT LENGTH (mm)	LAP LENGTH (mm)
N12	350	350
N16	450	450
N20	600	600
N24	700	750
N28	850	1000
N32	1000	1250
N36	1250	1500

FOR HORIZONTAL REINFORCEMENT WITH MORE THAN 300mm CONCRETE BENEATH:

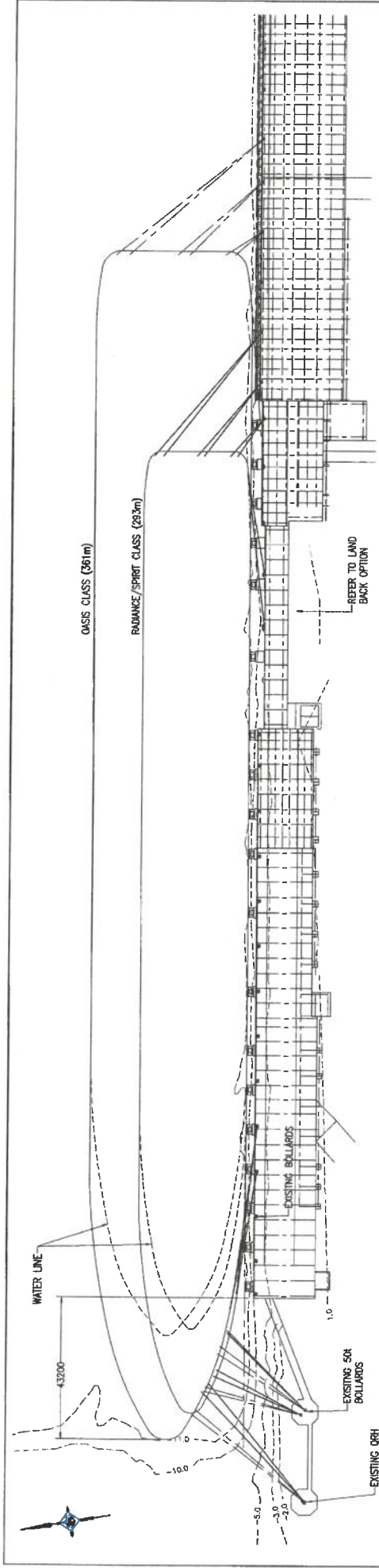
BAR DIAMETER	DEVELOPMENT LENGTH (mm)	LAP LENGTH (mm)
N12	450	450
N16	600	600
N20	750	750
N24	950	1000
N28	1100	1300
N32	1300	1650
N36	1600	2000

- R23. DO NOT WELD REINFORCEMENT UNLESS SHOWN ON DRAWINGS OR OTHERWISE APPROVED BY SUPERINTENDENT. WHERE ALLOWED, WELDING OF REINFORCEMENT (INCLUDING TACK-WELDING FOR FIXING PURPOSES) TO COMPLY WITH AS3600 AND AS/NZS1594.3. DO NOT WELD REINFORCEMENT WITHIN 75 mm OF A SECTION THAT HAS BEEN BENT (100 mm FOR N28 AND N32 BARS, 125 mm FOR N36 BARS).
- EXTENT OF WELD INSPECTION/TESTING TO BE:
 - VISUAL SCANNING 100% OF WELLS
 - 50% OF WELLS
 - 100% OF WELLS
- R24. DO NOT BEND OR STRAIN REINFORCEMENT IN A MANNER THAT MAY CAUSE DAMAGE. BARS MAY BE BENT AT TEMPERATURES UP TO 850°C. DO NOT COOL HEATED BARS BY QUENCHING.
- R25. DO NOT CUT, BEND NOR HEAT REINFORCEMENT ON SITE WITHOUT SUPERINTENDENTS PRIOR WRITTEN APPROVAL.
- R26. DO NOT BEND REINFORCEMENT AFTER GALVANISING OR APPLICATION OF OTHER COATINGS.
- R27. PERCUSSION ROTARY DRILL HOLES FOR GROUDED BARS AND THREADED RODS (NOTE: CORED HOLES MUST BE ROUGHENED). HOLE DIAMETER AND INSTALLATION TO BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. EMBEDMENT LENGTHS AS PER DRAWINGS.
- R28. ENSURE HOLES FOR GROUDED BARS AND THREADED RODS ARE DRY AND CLEANED THOROUGHLY BEFORE INSTALLING ANCHORS. WIRE BRUSH HOLES AND BLOW OUT COMPLETELY WITH AIR TO REMOVE LOOSE MATERIAL. DISCARD ADHESIVE USING A TRIGGER PULL. REMOVE BARS/FERRELS/RODS WITH COMPRESSED (CRUSHED) ENDS. BARS TO BE DEGREASED AND WASHED WITH WATER. DO NOT REJECT FROM INSERTING TO ENSURE FULLY COATED AND PUSH FULLY INTO HOLE. PROJECT FROM DISTURBANCE DURING CURING. FOLLOW MANUFACTURER'S RECOMMENDATIONS.

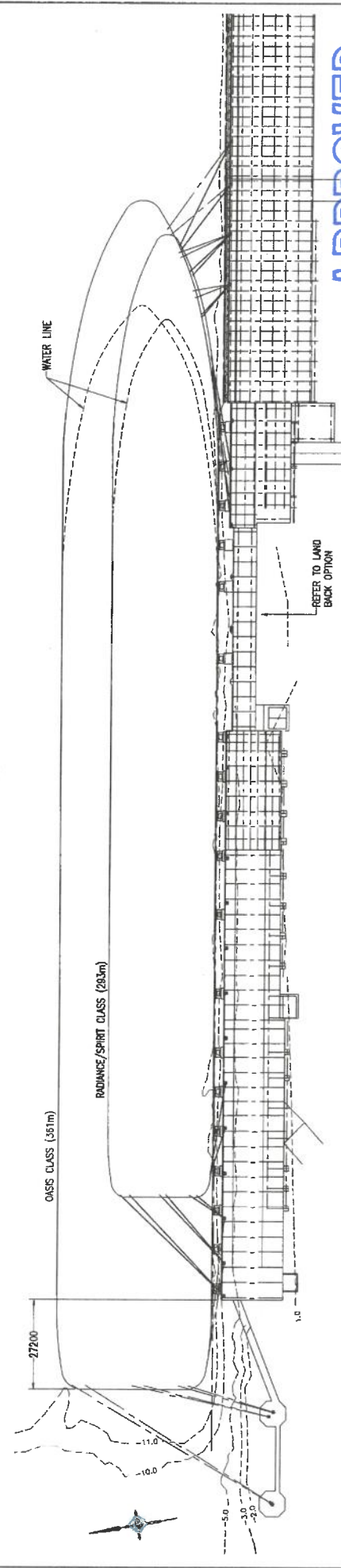
APPROVED



DATE 1 AS 10/10/25	ISSUED FOR CONSTRUCTION	REVISION DESCRIPTION	DATE REVISION APPLIED 10/10/25	DRAWN BY DW	CHECKED BY DW	REFERENCE DRAWING TITLE
© GLADSTONE PORTS CORPORATION						
YENDOR DRAWING						
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AUCKLAND PORT BERTH APT AND AP2 FENDER REPLACEMENT AND WHARF UPGRADES NOTES SHEET 3 OF 3						
		DRAWN A. SWAIN 30.09.20	CHECKED M. WHEELER 30.09.20			
		DESIGN M. WHEELER 30.09.20	APPROVED B. WHEELER 30.09.20			
G/C: 00080 002-00080 AT 17/8/21 17/8/21						



MOORING ARRANGEMENT -- PORT
N.T.S.



MOORING ARRANGEMENT -- STARBOARD
N.T.S.

APPROVED

APPROVED
MARK FROST
RPE0 9037
17/8/21

NO	DATE	REVISION DESCRIPTION	ISSUED FOR CONSTRUCTION	DATE	BY	CHKD BY	APP'D BY	REFERENCE DRAWING TITLE
1	18/08/20	ISSUED FOR CONSTRUCTION						
2	05/01/21	REVISED STRENGTHENING DIMENSIONS						

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AUCLAND POINT BERTH AP1 AND AP2 FENDER REPLACEMENT AND WHARF UPGRADES MOORING ARRANGEMENT			SHEET 1 OF 2	002-00083 A1 17/8/21	41-3254-5007 002-00083

APPROVED
MARK FROST
REC'D 9/17/12

NOTES:
1. FOR NOTES REFER DRG 002-00078 TO 002-00080.

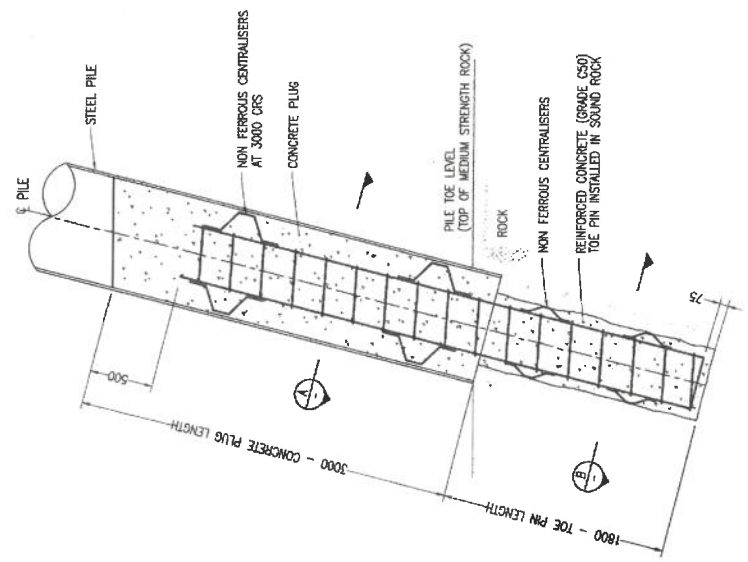
Ed. Rev. No. 41-3224-3010
Dwg. Drawing No.
002-00087
A1 Rev./Part No.
REV. DATE REV./Part No.

GLADSTONE PORTS CORPORATION
AUCKLAND POINT
BERTH AP1 AND AP2
FENDER REPLACEMENT AND WHARF UPGRADES
PILING PLAN AND SCHEDULE

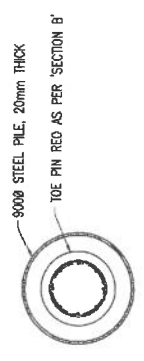
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CHECK	DESIGN	APPROVE	30.09.20
SCALE	DESIGN	APPROVE	30.09.20
SCALE	DESIGN	APPROVE	30.09.20

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REV.	DATE	DESCRIPTION	ISSUED FOR CONSTRUCTION	DATE	ISSUED FOR CONSTRUCTION	DATE	ISSUED FOR CONSTRUCTION	DATE	ISSUED FOR CONSTRUCTION	DATE	ISSUED FOR CONSTRUCTION
1	AS	ISSUED FOR CONSTRUCTION									



TOE PIN - TYPE P3
TYPICAL DETAIL
SCALE 1:20

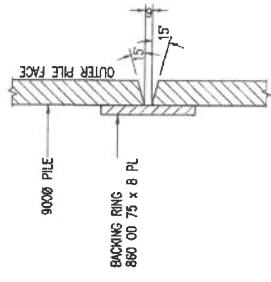


A SECTION
SCALE 1:20



B SECTION
SCALE 1:20

** TOE PIN DIAMETER MAY BE INCREASED TO EQUAL THE INSIDE DIAMETER OF THE STEEL PILE.



PILE SPLICE DETAIL
SCALE 1:2

APPROVED

APPROVED

APPROVED
MARK FROST
17/12/21
REQ 9037

NOTES:
1. FOR NOTES REFER DRG 002-00078 TO 002-00080.
2. ALL CHAINS TO BE OPEN LINK GRADE S.J WITH
ANCHORS FROM SHACKLES AND TENSIONERS. ALL
COMPONENTS TO BE SUPPLIED TO H06500 AND SUPPLIED
BY THE FENDER SUPPLIER.

Col Ref No. 41-3294-S072
DPC DRAWING No.
002-00088
A1
REV. DATE. REVISED No.

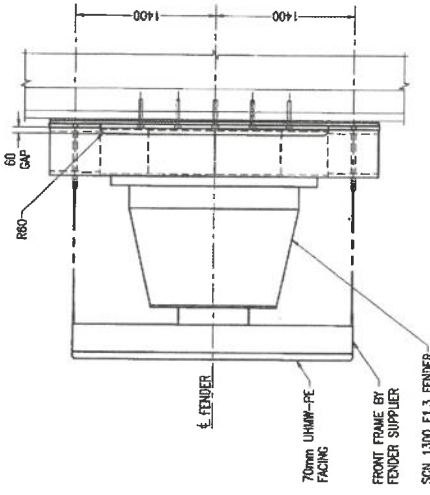
**AUCKLAND POINT
BERTH AP1 AND AP2
FENDER REPLACEMENT AND WHARF UPGRADES
FENDER DETAILS SHEET 1 OF 3**

GLADSTONE PORTS CORPORATION	
VENDOR DRAWING	DRAWN A. SWAIN
CHECK A. SWAIN	23/04/21
DESIGN B. GILES	23/04/21
APPROVE S. WAIN	23/04/21

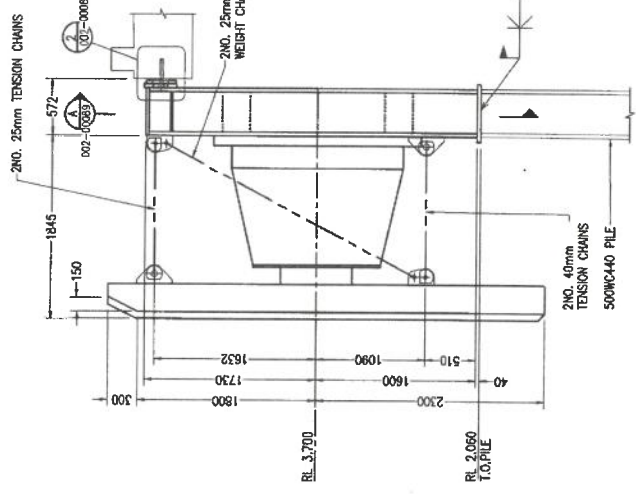
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BE USED FOR ANY PURPOSE
WITHOUT THE WRITTEN
CONSENT OF GLADSTONE
PORTS CORPORATION

	DATE	REVISION	BY	CHKD	APP'D	REFERENCE DRAWING TITLE
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2	23/04/21	RE-ISSUED FOR CONSTRUCTION - REVISED FENDER CURSING	AS	AS	AS	

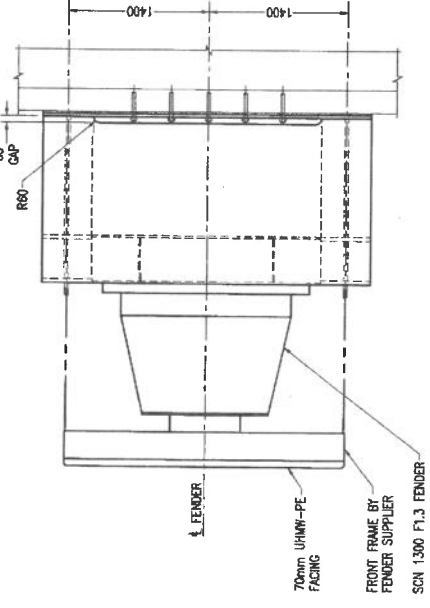
© Gladstone Ports Corporation
160 Ave St Brisbane QLD 4000 Australia
GPO Box 928 Brisbane QLD 4001
E: enquiries@gladstoneports.com.au
W: www.glad.com



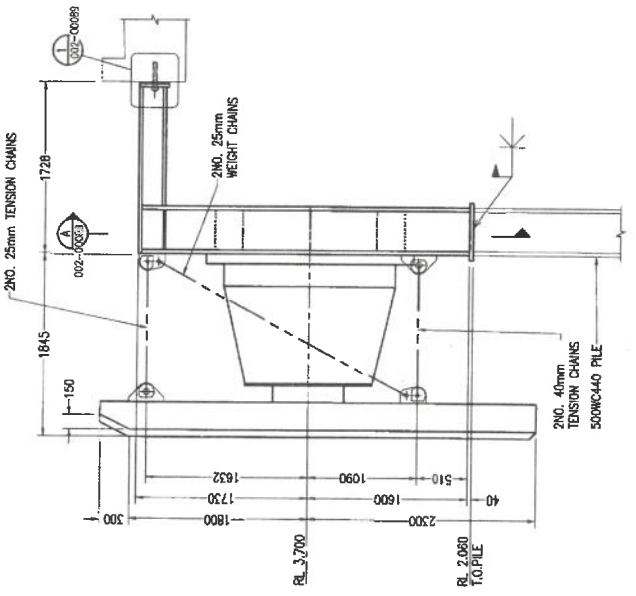
TYPE 3 FENDER SYSTEM - PLAN
SCALE 1:25



TYPE 3 FENDER SYSTEM - ELEVATION
3 No. OFF
SCALE 1:25



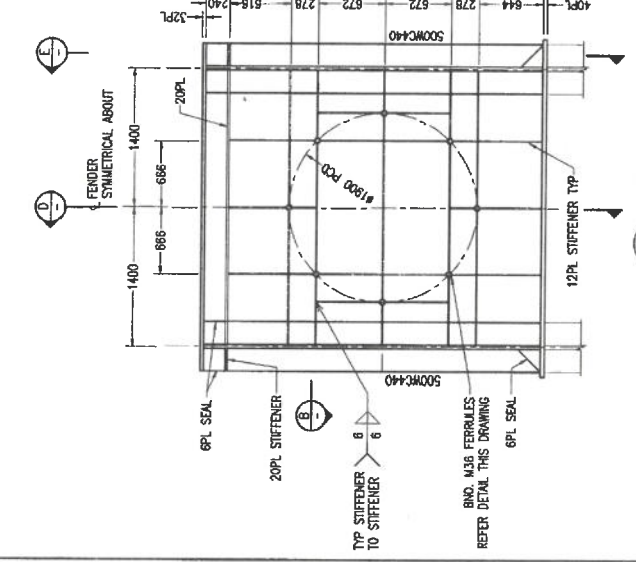
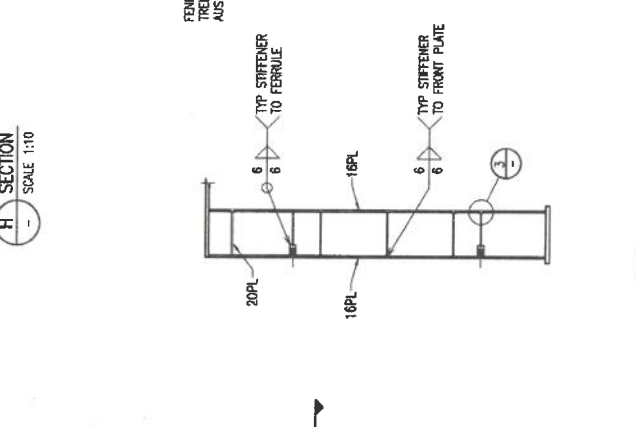
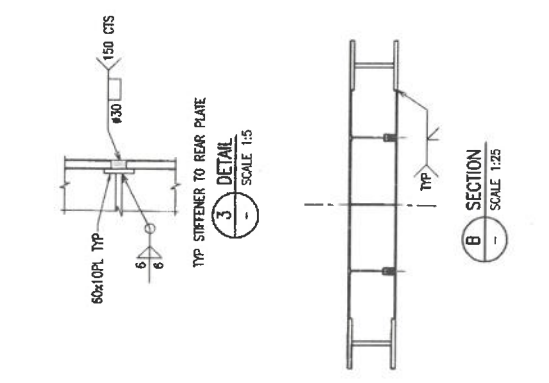
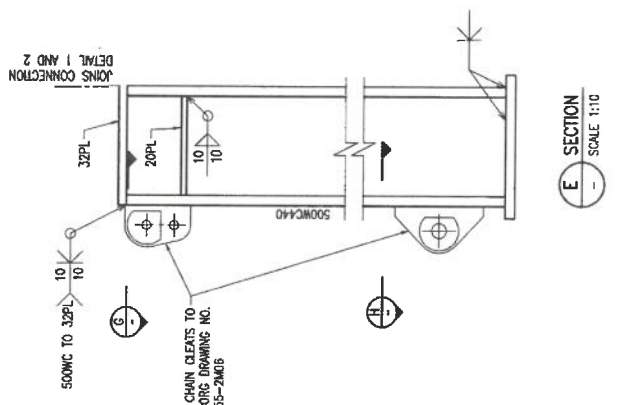
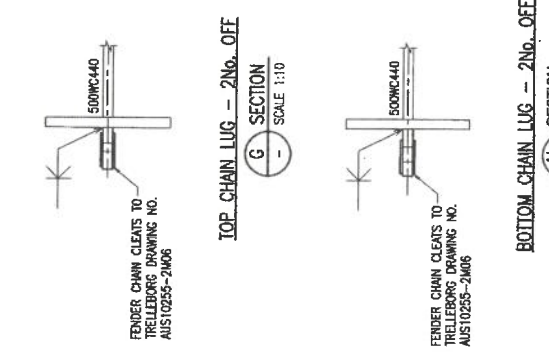
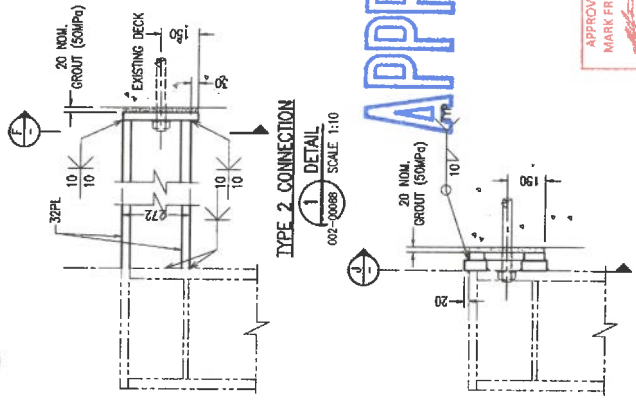
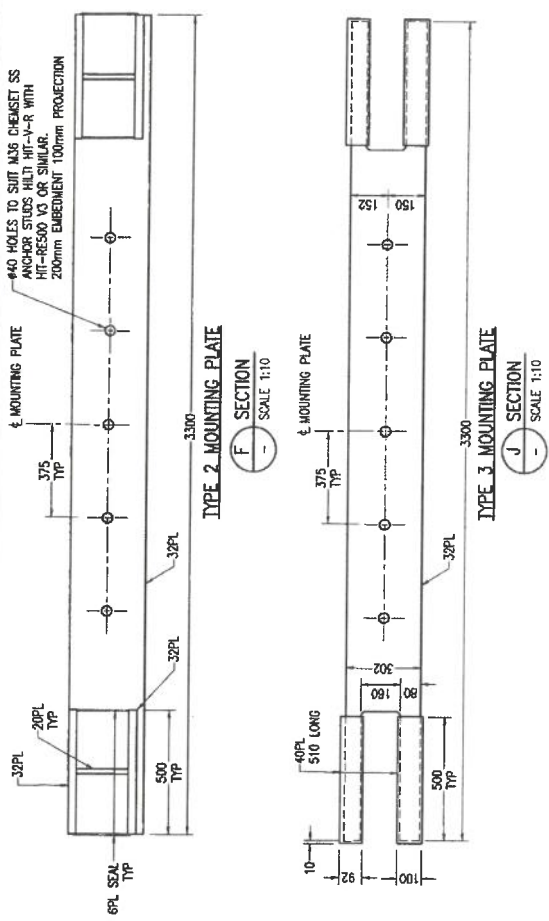
TYPE 2 FENDER SYSTEM - PLAN
SCALE 1:25



TYPE 2 FENDER SYSTEM - ELEVATION
3 No. OFF
SCALE 1:25

APPROVED

APPROVED
MARK FROST
RPEFC-907
17/12/21



NOTES:
1. DIMENSIONS ARE TO EDGE OF STIFFENERS.
2. FOR NOTES REFER DRG 002-00078 TO 002-00080.

SCALE 1:5 AT ORIGINAL SIZE	
0	100
200	300
400	500
600	800
1000	1200
SCALE 1:6 AT ORIGINAL SIZE	
0	100
200	300
400	500
600	800
1000	1200
SCALE 1:8 AT ORIGINAL SIZE	
0	100
200	300
400	500
600	800
1000	1200

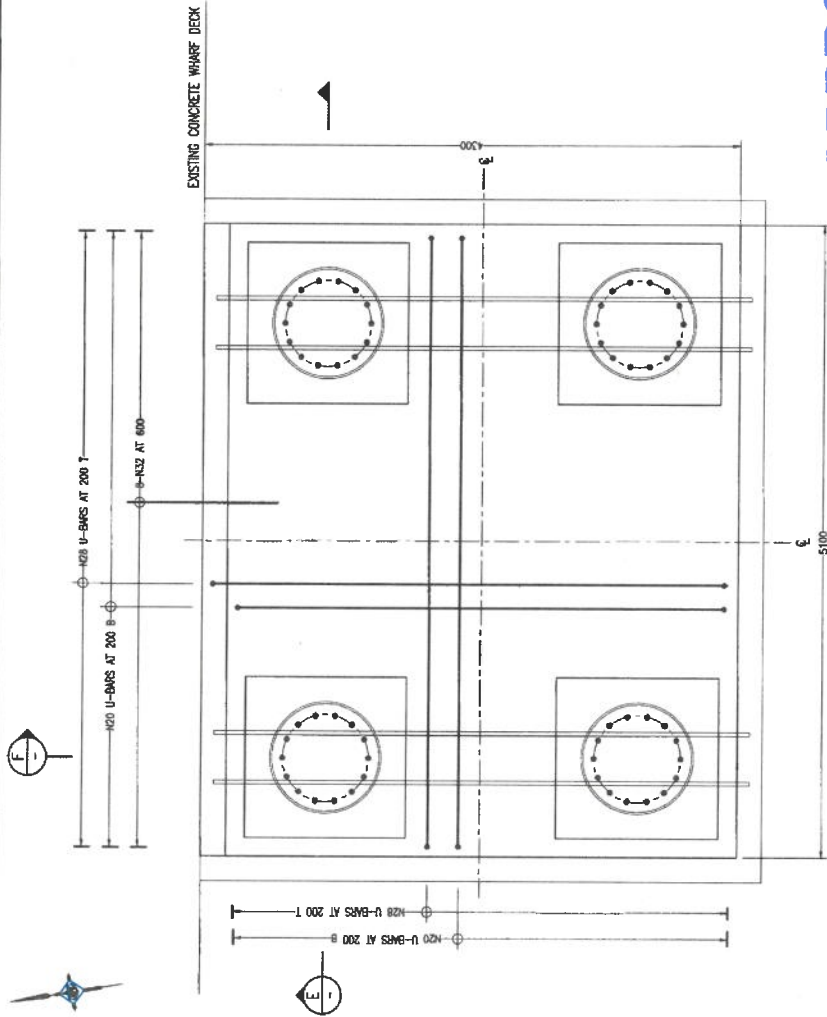
© GLADSTONE PORTS CORPORATION
VENDOR DRAWING

DRAWN	A. SHAMIR	23.04.21
CHECK	A. GEORGE	23.04.21
DESIGN	B. GILES	23.04.21
APPROVE	S. HANN	23.04.21

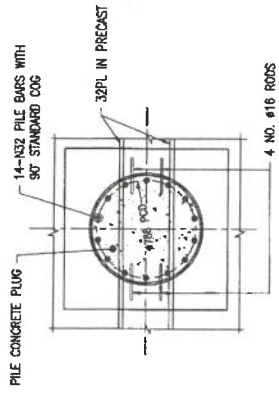
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REV	DATE	DESCRIPTION	ISSUED FOR CONSTRUCTION	NO.	BY	CHKD	APPV	DRG. NO.
1	18.04.20	ISSUED FOR CONSTRUCTION - REISED FENDER OUTLINE						
2	18.04.21	RE-DESIGNED FOR CONSTRUCTION - REISED FENDER OUTLINE						

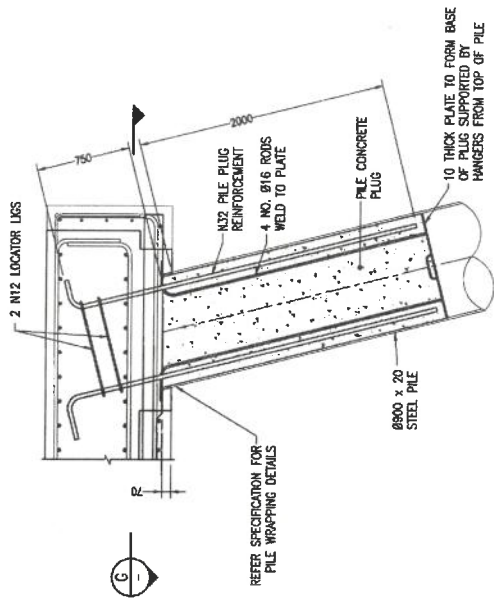
PROJECT: AUCKLAND POINT BERTH AP1 AND AP2 FENDER REPLACEMENT AND WHARF UPGRADES
DRAWING NO: 002-00089
SHEET NO: 2 OF 3



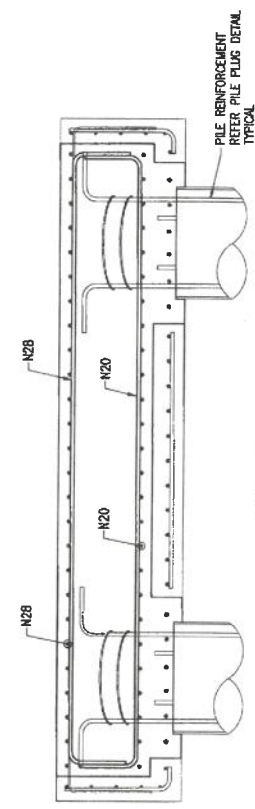
INSITU PLAN
SCALE 1:20



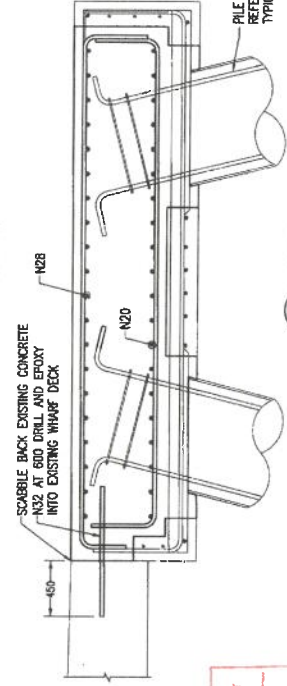
G SECTION
SCALE 1:20



PILE PLUG DETAIL
SCALE 1:20



E SECTION
SCALE 1:20



F SECTION
SCALE 1:20

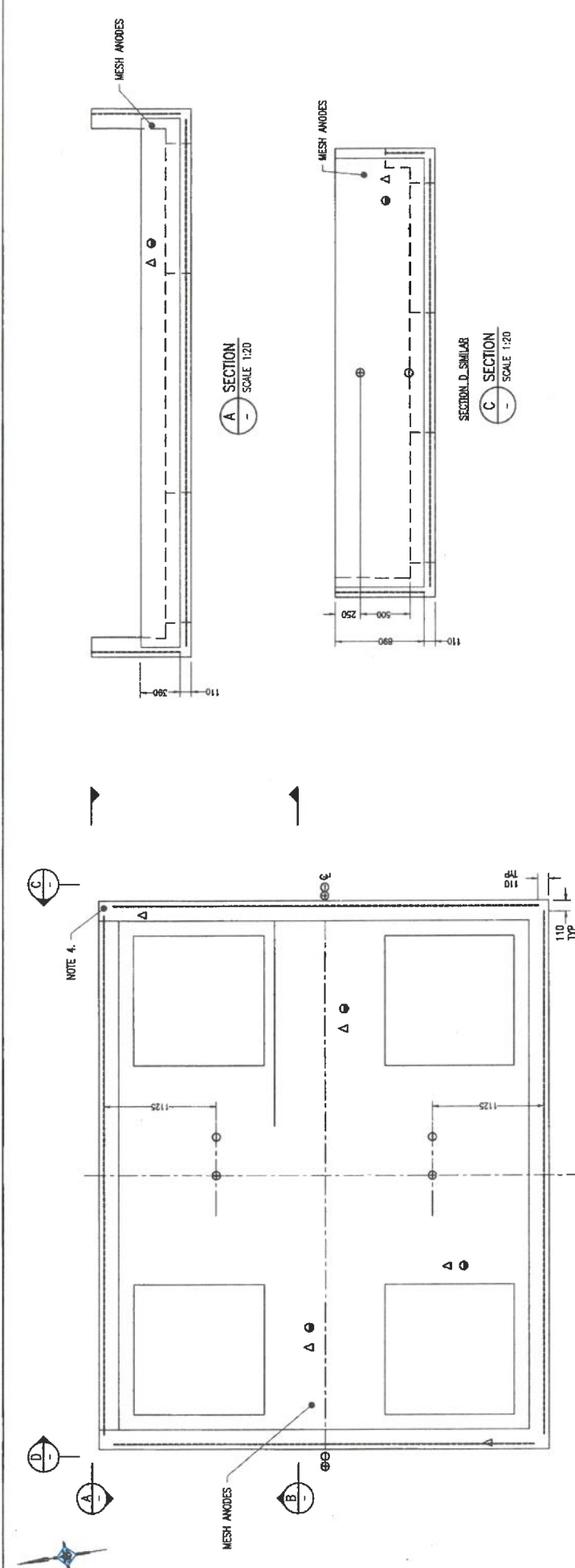
APPROVED

APPROVED
MARK FROST
RPE01 9917
17/01/21

NOTES:
1. FOR NOTES REFER DRG 002-00078 TO 002-00080.

REV	DATE	DESCRIPTION	DESIGN	CHKD	APPV	ENR. NO.	REFERENCE DRAWING TITLE
1	20/08/20	ISSUED FOR CONSTRUCTION	DM	SM	BY		

GLADSTONE PORTS CORPORATION VELOCITY DRAWING		DRAWN: A. SAMM 30/09/20 CHECK: B. SALES 30/09/20 DESIGN: H. WHELAT 30/08/20 APPROVE: B. WHEELER 30/08/20
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GPC DRAWING No. 002-00093	A1	Rev/Sheet No. 1



APPROVED

LEGEND:

- ⊕ POSITIVE ANODE CONNECTION
- ⊖ NEGATIVE CONNECTION
- ⊗ MESH ANODES
- △ REFERENCE ELECTRODE
- ⊙ REFERENCE ELECTRODE MONITORING REINFORCEMENT CONNECTION

ZONE	AREA PROTECTED	NUMBER OF REFERENCE ELECTRODES
1	DECK SURF	3
2	DOLPHIN SIDES	3

- NOTES:**
- FOR NOTES REFER DRG 002-00079 TO 002-00090.
 - ANODES SHALL TERMINATE PRIOR TO THE END OF THE ZONE TO ENSURE THAT A MINIMUM 100MM CLEARANCE IS MAINTAINED FROM THE END OF THE ZONE.
 - THE ANODES SHALL BE SECURED TO ENSURE THE MINIMUM SEPARATION TO THE REINFORCEMENT WITH THE MESH ANODE SURFIT INSTALLATION DETAILS.
 - ALL STEEL SHALL BE MADE ELECTRICALLY CONTINUOUS.
 - ALL SIDE ANODES SHALL BE CONNECTED WITH TITANIUM CONDUCTOR BARS BETWEEN DIFFERENT FACES AT THE CORNERS, AS PER INSTALLATION DETAILS.
 - ALL CABLES EMBEDDED WITHIN THE CONCRETE SHALL BE WITHIN A PVC CONDUIT SECURED TO THE STEEL REINFORCEMENT.

APPROVED
MARK FROST
RPE/0017
17/10/21

REV	DATE	ISSUED FOR CONSTRUCTION	REVISION DESCRIPTION	CHKD	DESIGN APPROV	DRG. NO.	REFERENCE DRAWING TITLE
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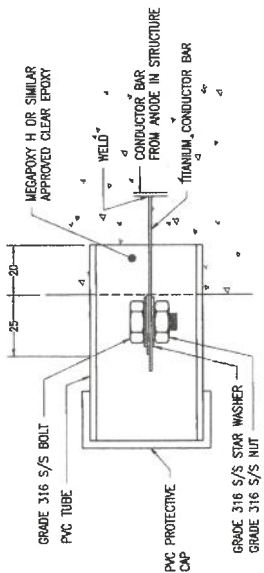
Gladstone Ports Corporation		Vendor Drawing	
DRAWN	A. SWAIN	30.08.20	
CHECK	B. GILES	30.08.20	
DESIGN	C. EDWARDS	30.08.20	
APPROVE	B. WHEELER	30.08.20	

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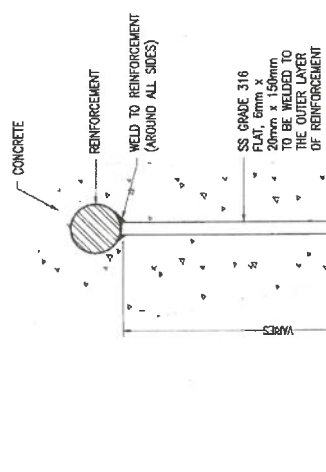
AUCKLAND POINT
BERTH APT AND APT2
FENDER REPLACEMENT AND WHARF UPGRADES
CATHODIC PROTECTION INSTALLATION
LAYOUT

ECL Ref No. 41-20214-5020
DOC NUMBER: 002-00094
AT
REV: 001 Rev/Issue No. 1



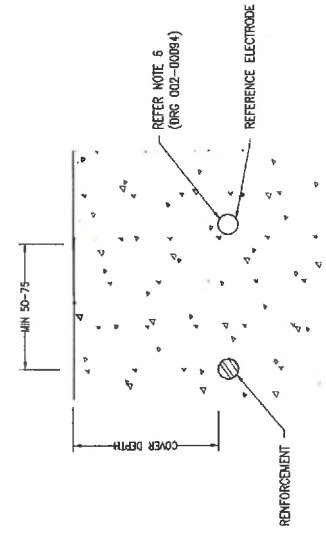
POSITIVE ANODE CONNECTION
N.T.S.

NOTE: PERMANENT STAMP OR ENGRAVING INDICATING "+ VE CP CONNECTION"



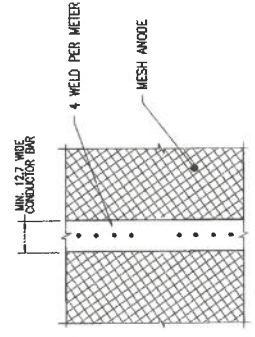
NEGATIVE / REINFORCEMENT - CONNECTION
N.T.S.

NOTE: PERMANENT STAMP OR ENGRAVING INDICATING "- VE CP CONNECTION"

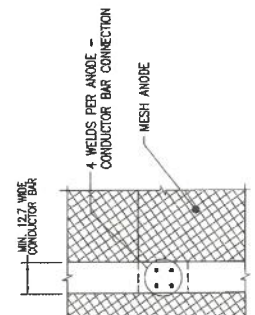


TYPICAL REFERENCE ELECTRODE INSTALLATION
N.T.S.

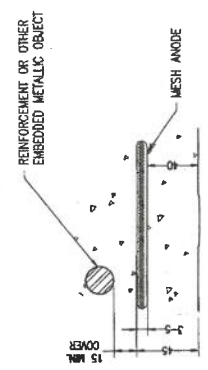
NOTE: ORIENTATION VARIES



NEIGHBOURING ANODE IN THE SAME ZONE
N.T.S.



TYPICAL CONNECTION BETWEEN ANODE AND CONDUCTOR BAR
N.T.S.



MESH ANODE INSTALLATION PARALLEL TO SURFACE
N.T.S.

NOTE: THE CONTRACTOR TO PROVIDE ANODE FASTENING SOLUTION, FASTENING SOLUTION TO AVOID SAGGING OF THE ANODE

APPROVED

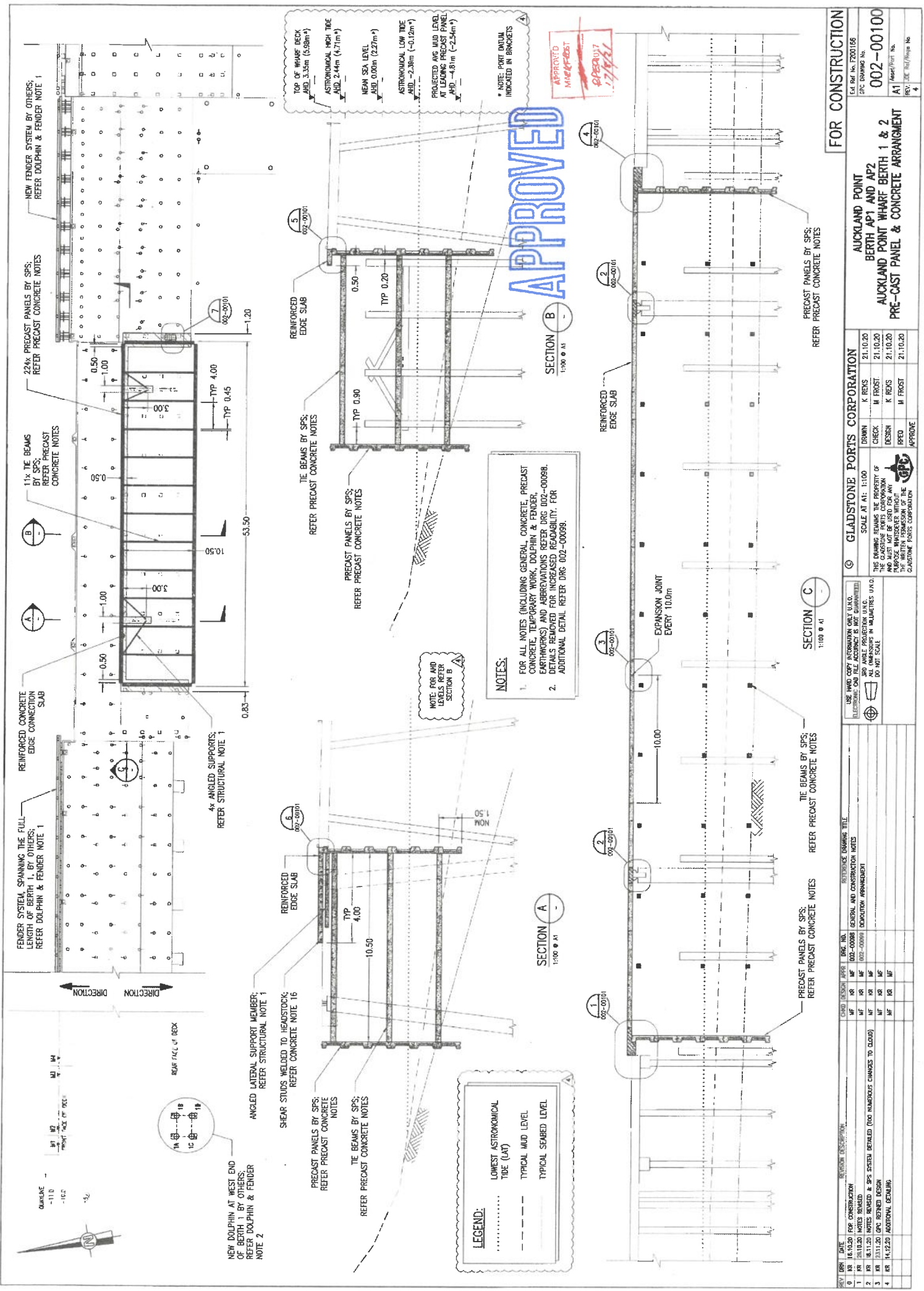
APPROVED
MARK FROST
RPEQ BOLT
17/8/21

REV	DATE	DESCRIPTION	ISSUED FOR CONSTRUCTION	CH	CE	EW	REFERENCE DRAWING TITLE
1	AS	30.09.20					

DESIGNED BY	PROVEN BY	DATE
A. SMYTH		30.09.20
CHECKED BY	DESIGNED BY	DATE
G. EDWARDS		30.09.20
APPROVED BY	DATE	
B. WIEGLER	30.09.20	

6. GLADSTONE PORTS CORPORATION VELOUR DRAWING THIS DRAWING IS THE PROPERTY OF GLADSTONE PORTS CORPORATION AND IS NOT TO BE USED FOR ANY PURPOSES WITHOUT THE WRITTEN PERMISSION OF THE COMPANY PORTS CORPORATION	AUCKLAND POINT BERTH AP1 AND AP2 FENDER REPLACEMENT AND WHARF UPGRADES CATHODIC PROTECTION INSTALLATION DETAILS
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DRC DRAWING NO. 002-00095 A1 17/8/21	EST. REF. NO. 11-32294-3021
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FOR CONSTRUCTION

Lot Ref No. 7301056
 GIC DRAWING No. **002-00100**
 A1 | Sheet/Total No. 1
 REV: DOC Ref/Issue No. 4

AUCKLAND POINT
 BERTH APT AND AP2
AUCKLAND POINT WHARF BERTH 1 & 2
 PRE-CAST PANEL & CONCRETE ARRANGMENT

GLADSTONE PORTS CORPORATION

SCALE AT A1: 1:100

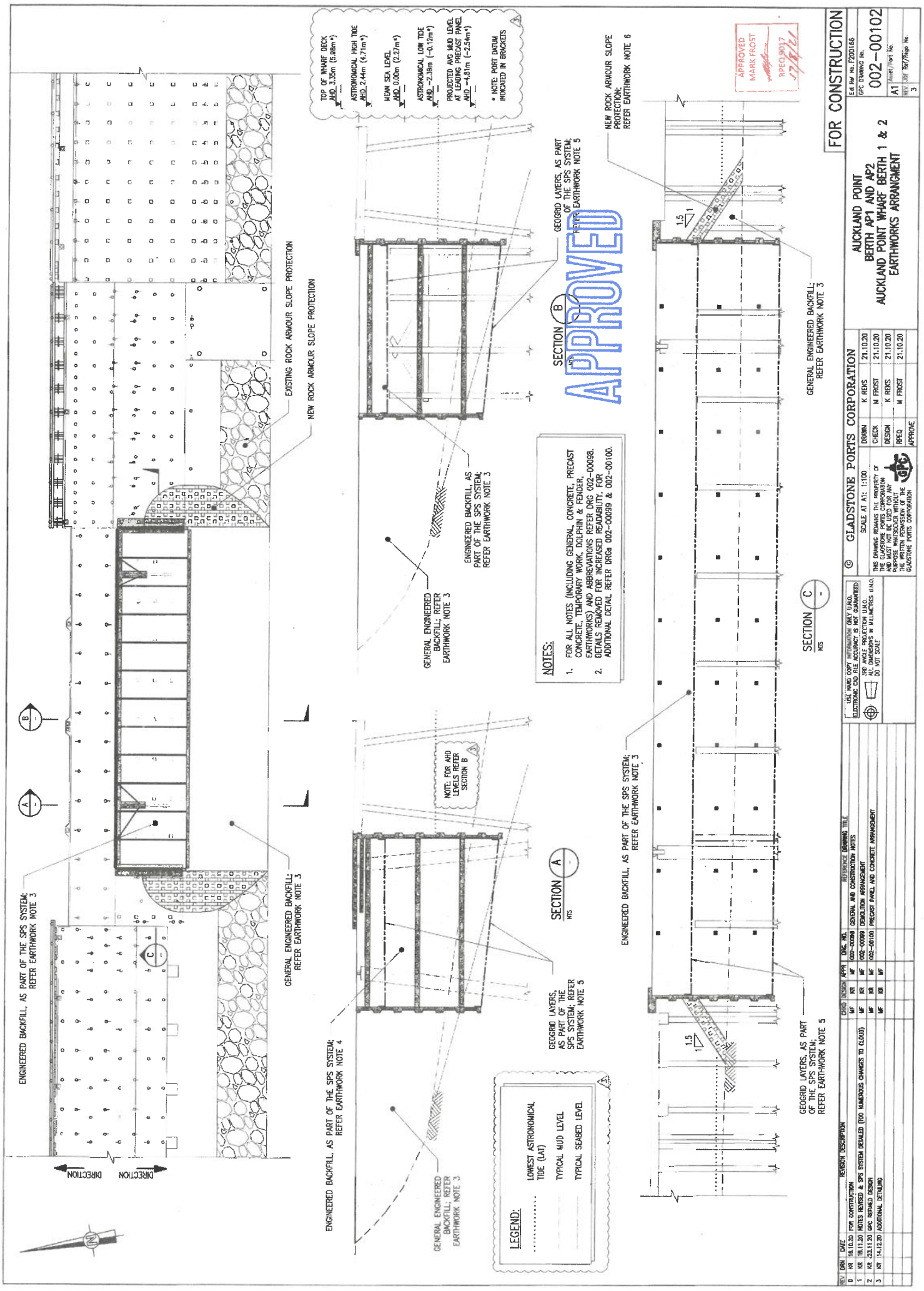
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2	21.10.20	MF	MF	MF	DOLPHIN ARRANGEMENT
3	21.10.20	MF	MF	MF	CONCRETE ARRANGEMENT
4	21.10.20	MF	MF	MF	CONCRETE ARRANGEMENT

APPROVE: [Signature]

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REVISIONS (CONTINUED):

NO	DATE	BY	CHK	APP	DESCRIPTION
1	21.10.20	MF	MF	MF	GENERAL AND CONSTRUCTION NOTES
2	21.10.20	MF	MF	MF	DOLPHIN ARRANGEMENT
3	21.10.20	MF	MF	MF	CONCRETE ARRANGEMENT
4	21.10.20	MF	MF	MF	CONCRETE ARRANGEMENT



TOP OF WHARF DECK
 AHD 3.35m (5.68m*)
 ASTRONOMICAL HIGH TIDE
 AHD 2.44m (7.97m*)
 MEAN SEA LEVEL
 AHD 0.00m (2.27m*)
 ASTRONOMICAL LOW TIDE
 AHD -2.39m (-0.12m*)
 PROJECTED AVG HMD LEVEL
 AT LEADING PRECAST PANEL
 AHD -4.81m (-2.54m*)
 * NOTE: PORT DATUM
 INDICATED IN BRACKETS

SECTION B
 GEORGRID LAYERS, AS PART
 OF THE SPS SYSTEM;
 REFER EARTHWORK NOTE 5
APPROVED

NOTES:
 1. FOR ALL NOTES (INCLUDING GENERAL CONCRETE, PRECAST
 CONCRETE, TEMPORARY WORK, DOUGHIN & FENDER,
 EARTHWORKS) AND ABBREVIATIONS REFER DRG 002-00098.
 2. ADDITIONAL DETAIL REFER DRG# 002-00099 & 002-00100.

SECTION A
 GEORGRID LAYERS,
 AS PART OF THE
 SPS SYSTEM; REFER
 EARTHWORK NOTE 5

SECTION C
 GEORGRID LAYERS, AS PART
 OF THE SPS SYSTEM;
 REFER EARTHWORK NOTE 5

LEGEND:
 LOWEST ASTRONOMICAL
 TIDE (LAT)
 _____ TYPICAL MUD LEVEL
 _____ TYPICAL SEALED LEVEL

APPROVED
 MARK FROST
 RPEQ 3017
 17/11/21

FOR CONSTRUCTION
 EPC DRAWING No. 002-00102
 A1
 REV: DATE: R/S: No. 3

AUCKLAND POINT
 BERTH APT AND AP2
 AUCKLAND POINT WHARF BERTH 1 & 2
 EARTHWORKS ARRANGMENT

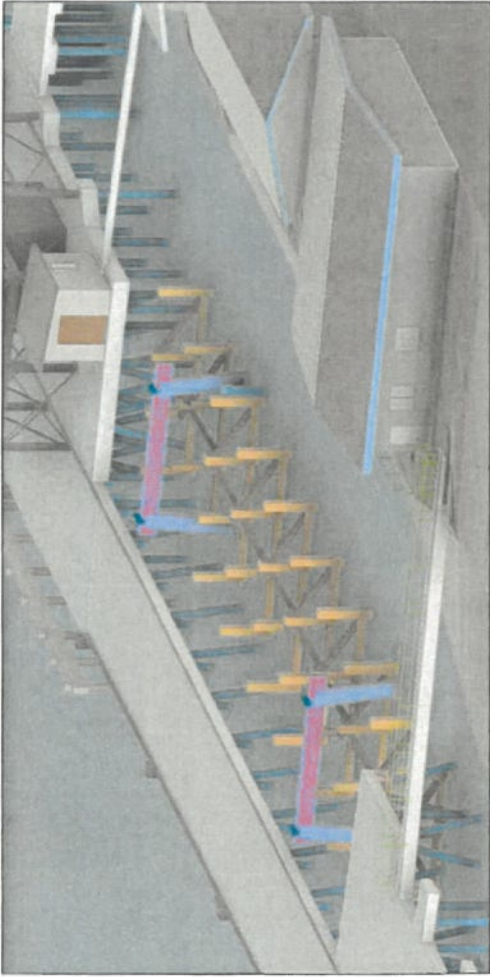
GLADSTONE PORTS CORPORATION

NO.	DATE	DESCRIPTION	BY	CHKD
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3	21.10.20	REVISIONS	MF	MF

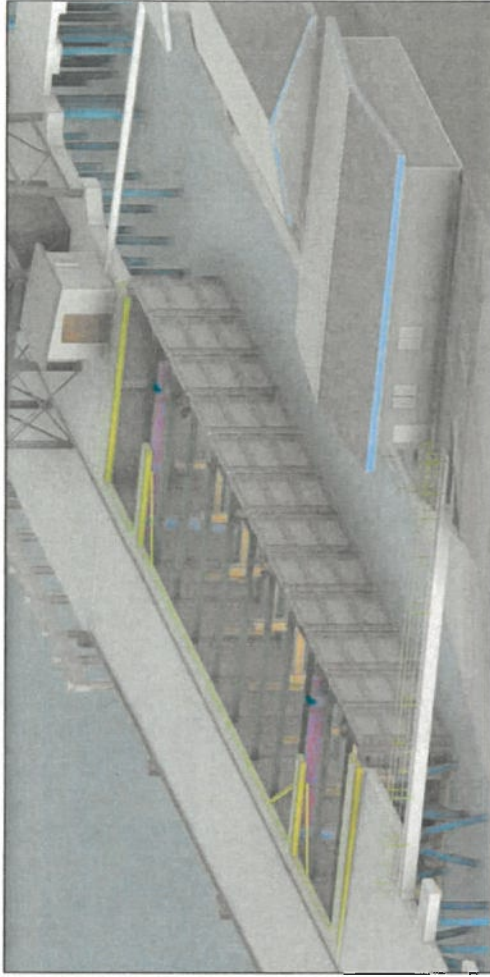
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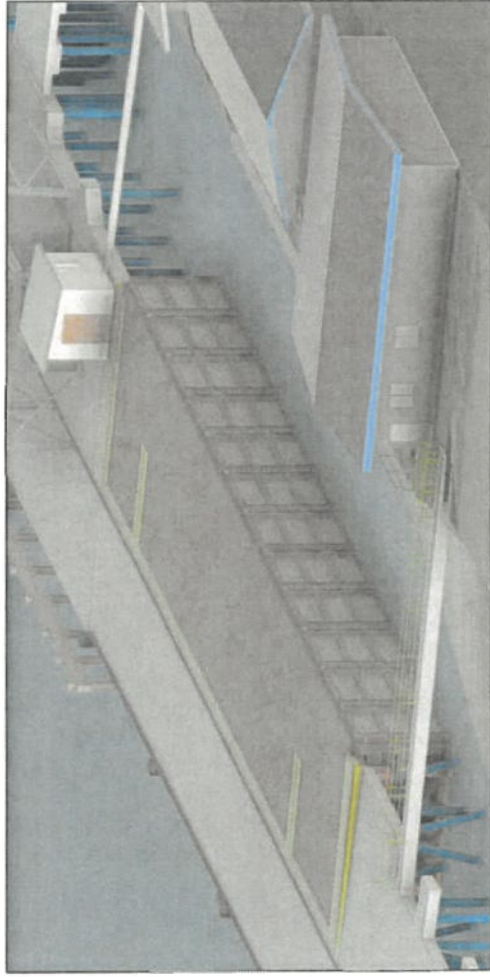
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0	18.12.20	FOR CONSTRUCTION	MF	MF	MF	18.12.20	GENERAL AND CONSTRUCTION NOTES
1	18.12.20	NOTES REVISIONS & SPS SYSTEM DETAILED (DO NUMEROUS CHANGES TO CLOUD)	MF	MF	MF	18.12.20	GENERAL AND CONSTRUCTION NOTES
2	23.11.20	FOR REVISION DESIGN	MF	MF	MF	23.11.20	GENERAL AND CONSTRUCTION NOTES
3	14.12.20	ADDITIONAL DETAILS	MF	MF	MF	14.12.20	GENERAL AND CONSTRUCTION NOTES



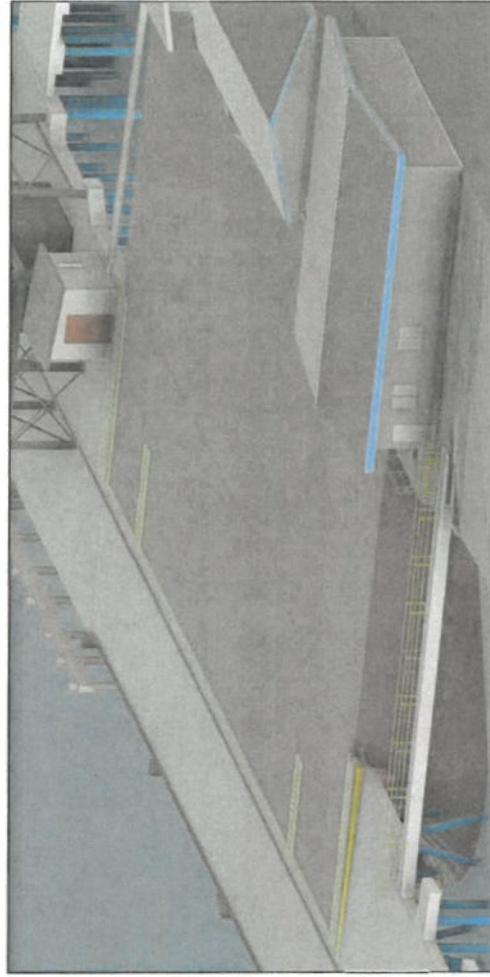
RENDER
EXISTING
POST DEMOLITION



RENDER
CONCRETE AND
PRECAST WORKS



RENDER
SPS SYSTEM
COMPLETE



RENDER
LAND RECLAMATION
COMPLETE

NOTES:
1. STAGES DEPICTED ON THIS DRAWING ARE CONCEPTUAL ONLY AND DO NOT REPRESENT A PROPOSED ORDER OF WORK.

APPROVED
MARK FROST
RPEO 9027
17/11/21

APPROVED

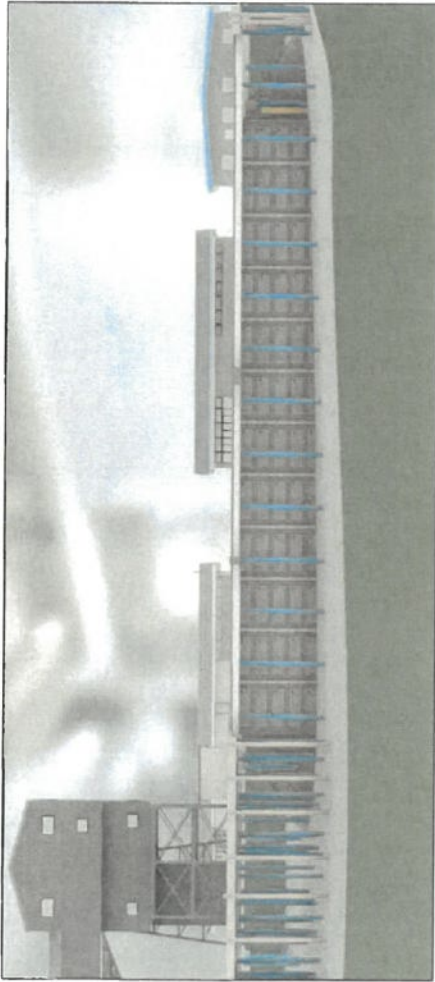
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1	23.11.20	(CPC REFINED DESIGN) (UNCHANGED)	MF	MF			

GLADSTONE PORTS CORPORATION	SCALE AT A1: 1:100	DRAWN	K REIS	18.11.20
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	DESIGN	K REIS	18.11.20	
	RFPE	M FROST	18.11.20	
	APPROVE			

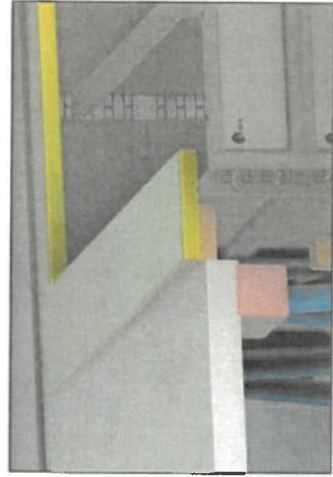
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ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE SPECIFIED	DO NOT SCALE	

GLADSTONE PORTS CORPORATION	002-00104
AUCKLAND POINT BERTH 1 & 2	
AUCKLAND POINT WHARF BERTH 1 & 2	
3D RENDER - CONCEPT STAGES	
002-00104	
A1	
1	

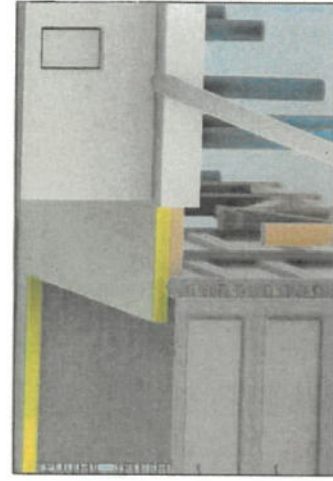
FOR CONSTRUCTION
Tel Ref No. F200106
GFC DRAWING NO.
002-00104
A1
RSE: JCR /MFP/Mapa No.



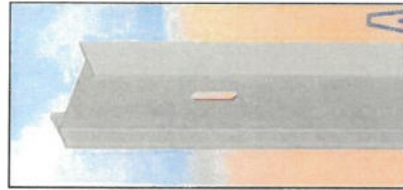
RENDER **E** -
VIEW FROM THE WATER



RENDER **F** -
BRIDGING SLAB BETWEEN SPS SYSTEM & WHARF (WEST)



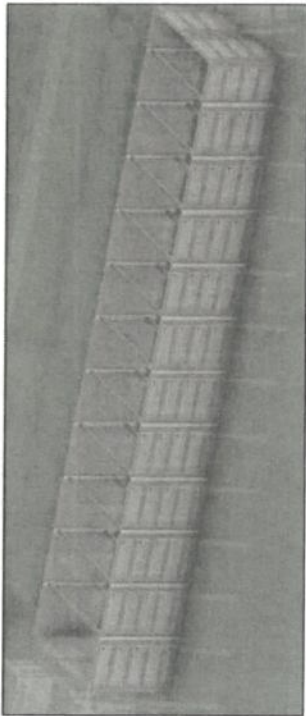
RENDER **G** -
BRIDGING SLAB BETWEEN SPS SYSTEM & WHARF (EAST)



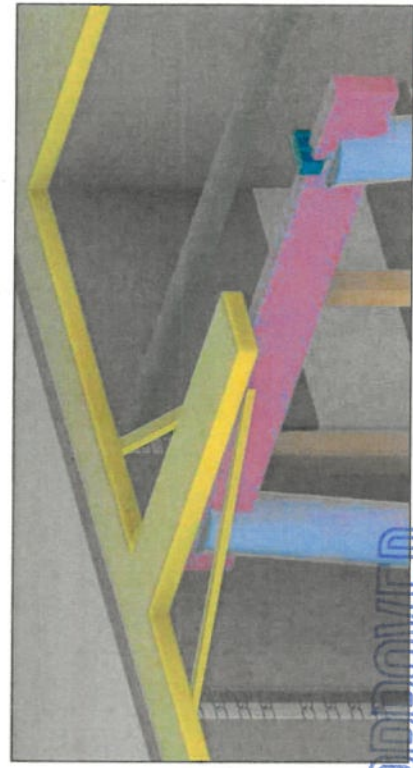
RENDER **J** -
STEEL COLUMN FOR CONNECTING PANELS



RENDER **I** -
SHACKLES FOR CONNECTING PANELS

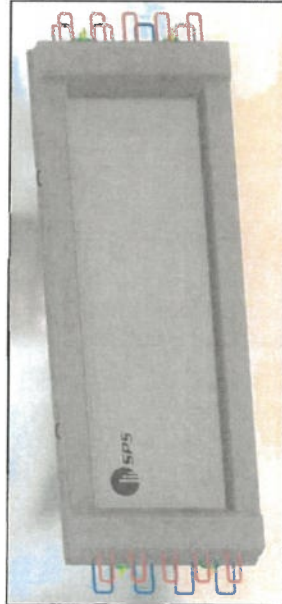


RENDER **H** -
SPS SYSTEM ISOLATED (BACKFILL HIDDEN FOR CLARITY)

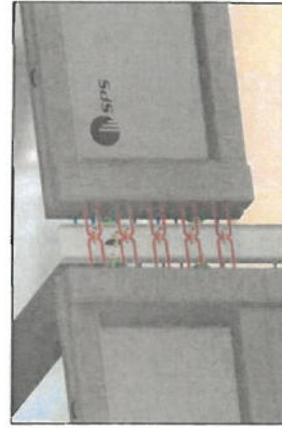


RENDER **K** -
JOINING STEEL ABUTMENT CONNECTION WITH EDGE SLAB AND ANGLED LATERAL SUPPORT MEMBERS (REFER RENDER N FOR LATERAL SUPPORT CONNECTION)

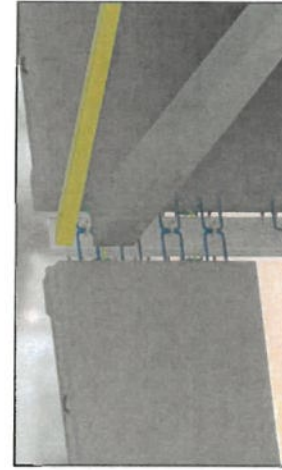
APPROVED
MARK FROST
RPEQ 9017
17/07/21



RENDER **L** -
SPS SYSTEM PRECAST PANEL, ISOLATED



RENDER **M** -
SPS SYSTEM PANEL CONNECTIONS (FRONT VIEW) (REFER RENDERS I, J & L FOR ISOLATED MEMBERS) (CROUT AT PANEL CONNECTION HIDDEN FOR VISIBILITY)



RENDER **N** -
SPS SYSTEM PANEL CONNECTIONS (REAR VIEW WITH LATERAL SUPPORT) (CROUT AT CONNECTION HIDDEN FOR VISIBILITY)



RENDER **O** -
SPS SYSTEM PANEL CONNECTIONS (TOP) (CROUT AT CONNECTION HIDDEN)

FOR CONSTRUCTION

GLADSTONE PORTS CORPORATION
AUCKLAND POINT WHARF BERTH 1 & 2
3D RENDER - DETAILS

SCALE AT A1: 1:100

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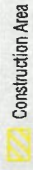
DATE	SIZE	REVISION DESCRIPTION	DESIGN	APPR	DATE	NO.
17/07/21	A1	FOR CONSTRUCTION	MF	RF	MF	MF
18/11/20	A1	SPS TOPPED BEAM (MECHANICAL)	MF	RF	MF	MF
18/11/20	A1	BEARING PUMPS CHANGED FROM 6000 TO 6200	MF	RF	MF	MF

DATE FOR NO. 17/07/21
GPC DRAWING NO. 002-00106
A1
REV. DATE / REVISED BY

AUCKLAND POINT BERTH 1 FENDER WORKS

PORT OF GLADSTONE

LEGEND



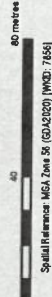
Construction Area

Revision 2

APPROVED



SCALE 1: 1 500 (A3)



Spatial Reference: MGA_Zone 56 (GDA2020) (MID: 7856)

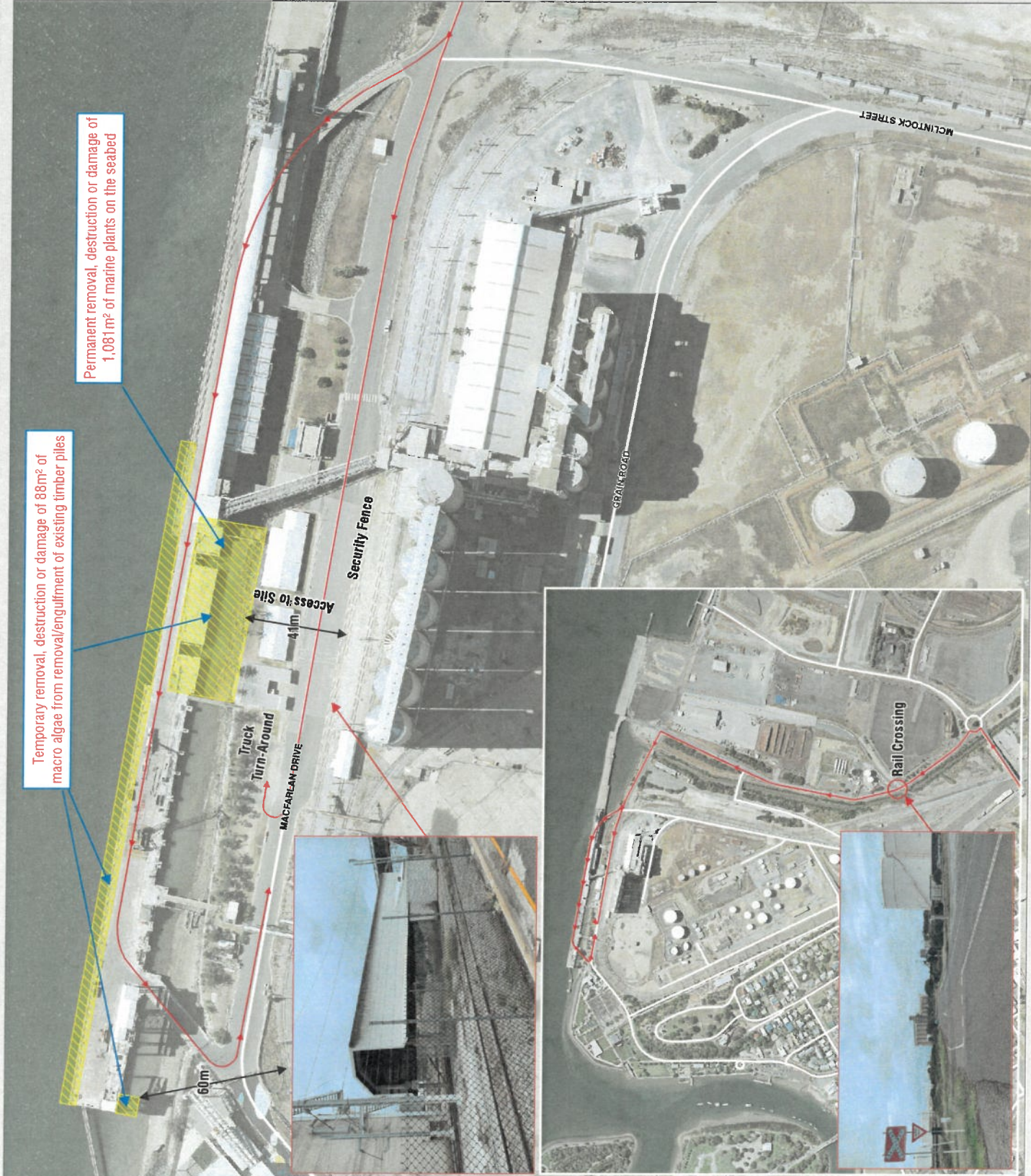


GPC2110009
30 Aug 2021

Growth, prosperity, community.

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Temporary removal, destruction or damage of 88m² of macro algae from removal/engulfment of existing timber piles

Permanent removal, destruction or damage of 1,081m² of marine plants on the seabed

Attachment 3 Extract of Appeal Provisions

Schedule 1 Appeals

section 229

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.
- (2) However, table 1 applies to a tribunal only if the matter involves—
 - (a) the refusal, or deemed refusal of a development application, for—
 - (i) a material change of use for a classified building; or
 - (ii) operational work associated with building work, a retaining wall, or a tennis court; or
 - (b) a provision of a development approval for—
 - (i) a material change of use for a classified building; or
 - (ii) operational work associated with building work, a retaining wall, or a tennis court; or
 - (c) if a development permit was applied for—the decision to give a preliminary approval for—
 - (i) a material change of use for a classified building; or
 - (ii) operational work associated with building work, a retaining wall, or a tennis court; or
 - (d) a development condition if—
 - (i) the development approval is only for a material change of use that involves the use of a building classified under the Building Code as a class 2 building; and

-
- (ii) the building is, or is proposed to be, not more than 3 storeys; and
 - (iii) the proposed development is for not more than 60 sole-occupancy units; or
 - (e) a decision for, or a deemed refusal of, an extension application for a development approval that is only for a material change of use of a classified building; or
 - (f) a decision for, or a deemed refusal of, a change application for a development approval that is only for a material change of use of a classified building; or
 - (g) a matter under this Act, to the extent the matter relates to the Building Act, other than a matter under that Act that may or must be decided by the Queensland Building and Construction Commission; or
 - (h) a decision to give an enforcement notice—
 - (i) in relation to a matter under paragraphs (a) to (g); or
 - (ii) under the *Plumbing and Drainage Act 2018*; or
 - (i) an infrastructure charges notice; or
 - (j) the refusal, or deemed refusal, of a conversion application; or
 - (l) a matter prescribed by regulation.
- (3) Also, table 1 does not apply to a tribunal if the matter involves—
- (a) for a matter in subsection (2)(a) to (d)—
 - (i) a development approval for which the development application required impact assessment; and
 - (ii) a development approval in relation to which the assessment manager received a properly made submission for the development application; or
 - (b) a provision of a development approval about the identification or inclusion, under a variation approval, of a matter for the development.

- (4) Table 2 states the matters that may be appealed only to the P&E Court.
- (5) Table 3 states the matters that may be appealed only to the tribunal.
- (6) In each table—
 - (a) column 1 states the appellant in the appeal; and
 - (b) column 2 states the respondent in the appeal; and
 - (c) column 3 states the co-respondent (if any) in the appeal; and
 - (d) column 4 states the co-respondents by election (if any) in the appeal.
- (7) If the chief executive receives a notice of appeal under section 230(3)(f), the chief executive may elect to be a co-respondent in the appeal.
- (8) In this section—
storey see the Building Code, part A1.1.

Table 1 Appeals to the P&E Court and, for certain matters, to a tribunal
<p>1. Development applications</p> <p>For a development application other than an excluded application, an appeal may be made against—</p> <ol style="list-style-type: none"> (a) the refusal of all or part of the development application; or (b) the deemed refusal of the development application; or (c) a provision of the development approval; or (d) if a development permit was applied for—the decision to give a preliminary approval.

Table 1 Appeals to the P&E Court and, for certain matters, to a tribunal			
Column 1 Appellant	Column 2 Respondent	Column 3 Co-respondent (if any)	Column 4 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>
<p>2. Change applications</p> <p>For a change application other than an excluded application, an appeal may be made against—</p> <p>(a) the responsible entity's decision on the change application; or</p> <p>(b) a deemed refusal of the change application.</p>			

Table 1 Appeals to the P&E Court and, for certain matters, to a tribunal			
Column 1 Appellant	Column 2 Respondent	Column 3 Co-respondent (if any)	Column 4 Co-respondent by election (if any)
<p>1 The applicant 2 If the responsible entity is the assessment manager—an affected entity that gave a pre-request notice or response notice</p>	<p>The responsible entity</p>	<p>If an affected entity starts the appeal—the applicant</p>	<p>1 A concurrence agency for the development application 2 If a chosen assessment manager is the respondent—the prescribed assessment manager 3 A private certifier for the development application 4 Any eligible advice agency for the change application 5 Any eligible submitter for the change application</p>
<p>3. Extension applications For an extension application other than an extension application called in by the Minister, an appeal may be made against—</p> <p>(a) the assessment manager’s decision on the extension application; or</p> <p>(b) a deemed refusal of the extension application.</p>			

Table 1 Appeals to the P&E Court and, for certain matters, to a tribunal			
Column 1 Appellant	Column 2 Respondent	Column 3 Co-respondent (if any)	Column 4 Co-respondent by election (if any)
<p>1 The applicant</p> <p>2 For a matter other than a deemed refusal of an extension application—a concurrence agency, other than the chief executive, for the application</p>	<p>The assessment manager</p>	<p>If a concurrence agency starts the appeal—the applicant</p>	<p>If a chosen assessment manager is the respondent—the prescribed assessment manager</p>
<p>4. Infrastructure charges notices</p> <p>An appeal may be made against an infrastructure charges notice on 1 or more of the following grounds—</p> <p>(a) the notice involved an error relating to—</p> <p style="padding-left: 20px;">(i) the application of the relevant adopted charge; or</p> <p><i>Examples of errors in applying an adopted charge—</i></p> <ul style="list-style-type: none"> • the incorrect application of gross floor area for a non-residential development • applying an incorrect ‘use category’, under a regulation, to the development <p style="padding-left: 20px;">(ii) the working out of extra demand, for section 120; or</p> <p style="padding-left: 20px;">(iii) an offset or refund; or</p> <p>(b) there was no decision about an offset or refund; or</p> <p>(c) if the infrastructure charges notice states a refund will be given—the timing for giving the refund; or</p> <p>(d) for an appeal to the P&E Court—the amount of the charge is so unreasonable that no reasonable relevant local government could have imposed the amount.</p>			

Table 1 Appeals to the P&E Court and, for certain matters, to a tribunal			
Column 1 Appellant	Column 2 Respondent	Column 3 Co-respondent (if any)	Column 4 Co-respondent by election (if any)
The person given the infrastructure charges notice	The local government that gave the infrastructure charges notice	—	—
<p>5. Conversion applications An appeal may be made against—</p> <p>(a) the refusal of a conversion application; or</p> <p>(b) a deemed refusal of a conversion application.</p>			
Column 1 Appellant	Column 2 Respondent	Column 3 Co-respondent (if any)	Column 4 Co-respondent by election (if any)
The applicant	The local government to which the conversion application was made	—	—
<p>6. Enforcement notices An appeal may be made against the decision to give an enforcement notice.</p>			
Column 1 Appellant	Column 2 Respondent	Column 3 Co-respondent (if any)	Column 4 Co-respondent by election (if any)
The person given the enforcement notice	The enforcement authority	—	If the enforcement authority is not the local government for the premises in relation to which the offence is alleged to have happened—the local government

<p align="center">Table 2 Appeals to the P&E Court only</p>			
<p>1. Appeals from tribunal</p> <p>An appeal may be made against a decision of a tribunal, other than a decision under section 252, on the ground of—</p> <p>(a) an error or mistake in law on the part of the tribunal; or</p> <p>(b) jurisdictional error.</p>			
<p>Column 1 Appellant</p>	<p>Column 2 Respondent</p>	<p>Column 3 Co-respondent (if any)</p>	<p>Column 4 Co-respondent by election (if any)</p>
<p>A party to the proceedings for the decision</p>	<p>The other party to the proceedings for the decision</p>	<p>—</p>	<p>—</p>
<p>2. Eligible submitter appeals</p> <p>For a development application or change application other than an excluded application, an appeal may be made against the decision to approve the application, to the extent the decision relates to—</p> <p>(a) any part of the development application or change application that required impact assessment; or</p> <p>(b) a variation request.</p>			
<p>Column 1 Appellant</p>	<p>Column 2 Respondent</p>	<p>Column 3 Co-respondent (if any)</p>	<p>Column 4 Co-respondent by election (if any)</p>
<p>1 For a development application—an eligible submitter for the development application</p> <p>2 For a change application—an eligible submitter for the change application</p>	<p>1 For a development application—the assessment manager</p> <p>2 For a change application—the responsible entity</p>	<p>1 The applicant</p> <p>2 If the appeal is about a concurrence agency’s referral response—the concurrence agency</p>	<p>Another eligible submitter for the application</p>

Table 2
Appeals to the P&E Court only

3. Eligible submitter and eligible advice agency appeals

For a development application or change application other than an excluded application, an appeal may be made against a provision of the development approval, or a failure to include a provision in the development approval, to the extent the matter relates to—

- (a) any part of the development application or change application that required impact assessment; or
- (b) a variation request.

Column 1 Appellant	Column 2 Respondent	Column 3 Co-respondent (if any)	Column 4 Co-respondent by election (if any)
<p>1 For a development application—an eligible submitter for the development application</p> <p>2 For a change application—an eligible submitter for the change application</p> <p>3 An eligible advice agency for the development application or change application</p>	<p>1 For a development application—the assessment manager</p> <p>2 For a change application—the responsible entity</p>	<p>1 The applicant</p> <p>2 If the appeal is about a concurrence agency’s referral response—the concurrence agency</p>	<p>Another eligible submitter for the application</p>

4. Compensation claims

An appeal may be made against—

- (a) a decision under section 32 about a compensation claim; or
- (b) a decision under section 265 about a claim for compensation; or
- (c) a deemed refusal of a claim under paragraph (a) or (b).

Table 2 Appeals to the P&E Court only			
Column 1 Appellant	Column 2 Respondent	Column 3 Co-respondent (if any)	Column 4 Co-respondent by election (if any)
A person dissatisfied with the decision	The local government to which the claim was made	—	—
<p>5. Registered premises An appeal may be made against a decision of the Minister under chapter 7, part 4.</p>			
Column 1 Appellant	Column 2 Respondent	Column 3 Co-respondent (if any)	Column 4 Co-respondent by election (if any)
<p>1 A person given a decision notice about the decision</p> <p>2 If the decision is to register premises or renew the registration of premises—an owner or occupier of premises in the affected area for the registered premises who is dissatisfied with the decision</p>	The Minister	—	If an owner or occupier starts the appeal—the owner of the registered premises
<p>6. Local laws An appeal may be made against a decision of a local government, or conditions applied, under a local law about—</p> <p>(a) the use of premises, other than a use that is the natural and ordinary consequence of prohibited development; or</p> <p>(b) the erection of a building or other structure.</p>			

Table 2 Appeals to the P&E Court only			
Column 1 Appellant	Column 2 Respondent	Column 3 Co-respondent (if any)	Column 4 Co-respondent by election (if any)
A person who— (a) applied for the decision; and (b) is dissatisfied with the decision or conditions.	The local government	—	—

Table 3 Appeals to a tribunal only			
<p>1. Building advisory agency appeals</p> <p>An appeal may be made against giving a development approval for building work to the extent the building work required code assessment against the building assessment provisions.</p>			
Column 1 Appellant	Column 2 Respondent	Column 3 Co-respondent (if any)	Column 4 Co-respondent by election (if any)
A building advisory agency for the development application related to the approval	The assessment manager	The applicant	<p>1 A concurrence agency for the development application related to the approval</p> <p>2 A private certifier for the development application related to the approval</p>

Table 3 Appeals to a tribunal only			
<p>2. Inspection of building work</p> <p>An appeal may be made against a decision of a building certifier or referral agency about the inspection of building work that is the subject of a building development approval under the Building Act.</p>			
Column 1 Appellant	Column 2 Respondent	Column 3 Co-respondent (if any)	Column 4 Co-respondent by election (if any)
The applicant for the development approval	The person who made the decision	—	—
<p>3. Certain decisions under the Building Act and the <i>Plumbing and Drainage Act 2018</i></p> <p>An appeal may be made against—</p> <p>(a) a decision under the Building Act, other than a decision made by the Queensland Building and Construction Commission, if an information notice about the decision was given or required to be given under that Act; or</p> <p>(b) a decision under the <i>Plumbing and Drainage Act 2018</i>, other than a decision made by the Queensland Building and Construction Commission, if an information notice about the decision was given or required to be given under that Act.</p>			
Column 1 Appellant	Column 2 Respondent	Column 3 Co-respondent (if any)	Column 4 Co-respondent by election (if any)
A person who received, or was entitled to receive, an information notice about the decision	The entity that made the decision	—	—
<p>4. Local government failure to decide application under the Building Act</p> <p>An appeal may be made against a local government's failure to decide an application under the Building Act within the period required under that Act.</p>			

Table 3 Appeals to a tribunal only			
Column 1 Appellant	Column 2 Respondent	Column 3 Co-respondent (if any)	Column 4 Co-respondent by election (if any)
A person who was entitled to receive notice of the decision	The local government to which the application was made	—	—
<p>5. Failure to make a decision about an application or other matter under the <i>Plumbing and Drainage Act 2018</i></p> <p>An appeal may be made against a failure to make a decision under the <i>Plumbing and Drainage Act 2018</i>, other than a failure by the Queensland Building and Construction Commission to make a decision, within the period required under that Act, if an information notice about the decision was required to be given under that Act.</p>			
Column 1 Appellant	Column 2 Respondent	Column 3 Co-respondent (if any)	Column 4 Co-respondent by election (if any)
A person who was entitled to receive an information notice about the decision	The entity that failed to make the decision	—	—