

12 September 2023

T & D Devine
C/- Superior Jetties
PO Box 202
LABRADOR QLD 4218

Dear Sir / Madam,

Referral Agency Response – with Conditions – RR2023/007/01

(GIVEN UNDER SECTION 56 PLANNING ACT 2016)

1. Application Details

This development application was **referred** to the Gladstone Ports Corporation Limited on **27 July 2023** and considered properly made on **22 August 2023**.

Application Number:	RR2023/007/01
Applicant Name:	T & D Devine
Applicant Contact Details:	C/- Superior Jetties PO Box 202 LABRADOR QLD 4218 Email: engineering@superiorjetties.com
Approval Sought:	Operational works for Prescribed Tidal Works – Private Pontoon and gangway
Location Street Address:	64 Corser Street, Burnett Heads
Location Real Property Description:	Lot 202 RP7182
Present Zoning:	Port Limits
Local Government Area:	Bundaberg

2. Details of Proposed Development

- Operational works for Prescribed Tidal Works with Port Limits – Private Pontoon and gangway.

Establishment of a pontoon facility and ancillary structures within the Burnett River at the riverfront of the site identified as 64 Corser Street, Burnett Heads.

3. Referral Triggers

This development application was referred to the Gladstone Ports Corporation Limited under the following provision of the *Planning Regulation 2017*

Referral Trigger: Schedule 10, part 13, division 3, table 1, item 1 –

- a) Prescribed assessable development within limits of a port and
- b) On land below high-water mark and within the limits of a port under the *Transport Infrastructure Act 1994*.

4. Details of Referral Response

Referral agency powers: Referral agency powers are not limited in this response.

This development application has been assessed against port authority functions under the *Transport Infrastructure Act 1994*, Chapter 8, Part 3 as required in Schedule 10, Part 13, Division 3, Table 1, Item 4 of the *Planning Regulation 2017* and also matters referred to in Section 22, Part 3.

The Gladstone Ports Corporation Limited directs the assessment manager, under section 56(1)(b)(i) of the *Planning Act 2016* to give any development approval subject to development conditions staged in Attachment 1.

5. Approved Plans

Drawing/report title	Prepared by	Date	Reference No.	Version
Proposed Pontoon and Gangway – Site Plan	Superior	09/11/2022	19752-D01	-
Proposed Pontoon and Gangway – Elevation and General Notes	Superior	09/11/2022	19752-D02	-
Proposed Pontoon and Gangway – Pontoon Construction Details	Superior	09/11/2022	19752-D03	-
Proposed Pontoon and Gangway – Gangway Construction Details	Superior	09/11/2022	19752-D04	-
Proposed Pontoon and Gangway – Gangway Part-A Construction Details	Superior	09/11/2022	19752-D05	-
Proposed Pontoon and Gangway – Gangway Part-B Construction Details	Superior	09/11/2022	19752-D06	-

Proposed Pontoon and Gangway – Gangway Transition Ramp Construction Details	Superior	09/11/2022	19752-D07	-
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For further information please contact Trudi Smith, Planning Specialist on 07 4976 1314 via email planning@gpcl.com.au .

Yours sincerely,



Craig Haymes
Chief Executive Officer

Cc: Assessment Manager – Bundaberg Regional Council

Attachment 1 Referral Agency Conditions

PART 1: REFERRAL AGENCY 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 Referral Agency.

Part 1a: Approval sought under *Planning Act 2016* – Operational works that is tidal works on Strategic Port land tidal area

General

1. Unless otherwise stated, all conditions must be complied with and completed prior to the commencement of the development.
2. Where additional “approval” is required under these conditions by the Referral Agency (Gladstone Ports Corporation Limited) for drawings or documentation the Applicant must submit for review, amend to the satisfaction of, and obtain written approval from the Referral Agency.

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

3. The development must be a designed and constructed to mitigate potential adverse impacts to port functions, services and facilities, and to maintain safe navigable access within Port Limits.

Engineering

4. Upon completion of the works, the Applicant must supply the Referral Agency 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 unless otherwise approved in writing by the Referral Agency.
5. The Applicant must inform the Referral Agency of completion of works within Port Limits within 14 days of practical completion and certify that the site is fit for purpose.
6. Any site lighting used during construction / development should not negatively impact on the visibility of Navigational Aids utilised for the primary shipping channels within Port Limits nor illuminate a landward glare beyond the site boundary. Lighting must be reviewed during construction and use of the development with respect to navigation. Where an issue is identified or a validated complaint received, the Applicant must immediately rectify to the satisfaction of the Referral Agency.
7. Any material which is deposited or any debris which falls or is deposited within Port Limits during the construction of the approved development shall be removed by the applicant at their cost and expense prior to the commencement of the use of approved structure. The applicant is to notify the Referral Agency if any material or debris is deposited.
8. Upon completion of construction, the applicant shall provide the Referral Agency with written confirmation that the seabed is clear of foreign materials.
9. If, as a result of the works, or other cause attributable to the Applicant, any bank or tidal structure within Port Limits is displaced, the Applicant 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.

Construction Vessel Management

10. If deemed necessary by the Regional Harbour Master and prior to works within Port Limits commencing, supply to the Referral Agency a Marine Execution Plan that has been approved by the Regional Harbour Master (if deemed necessary by the Referral Agency), suitable to the scale of works being undertaken.
11. Prior to works within Port Limits commencing, the Applicant or their contractor must supply to the Referral Agency for review and approval an Emergency Management Plan for the works within Port Limits for all potential incidents e.g. contaminant spill, riverine flood, adverse weather etc.
12. Prior to works within Port Limits commencing, the Applicant or their contractor must supply to the Referral Agency for review and approval an Environmental Management Plan, work procedures or equivalent, for the construction works within Port Limits.

Incident Notification

13. At all times, Gladstone Ports Corporation Environmental Hotline (07) 4976 1617 is to be notified of the occurrence of any:
 - a) Release / spill of contaminants (e.g. fuels / chemicals / sewerage) of any amount to water, and
 - b) Any environmental complaints received by the holder of this approval.
14. Environmental incident notification must be included in any Management Plans for the works within Port Limits.

Referral Agency Advice Notes

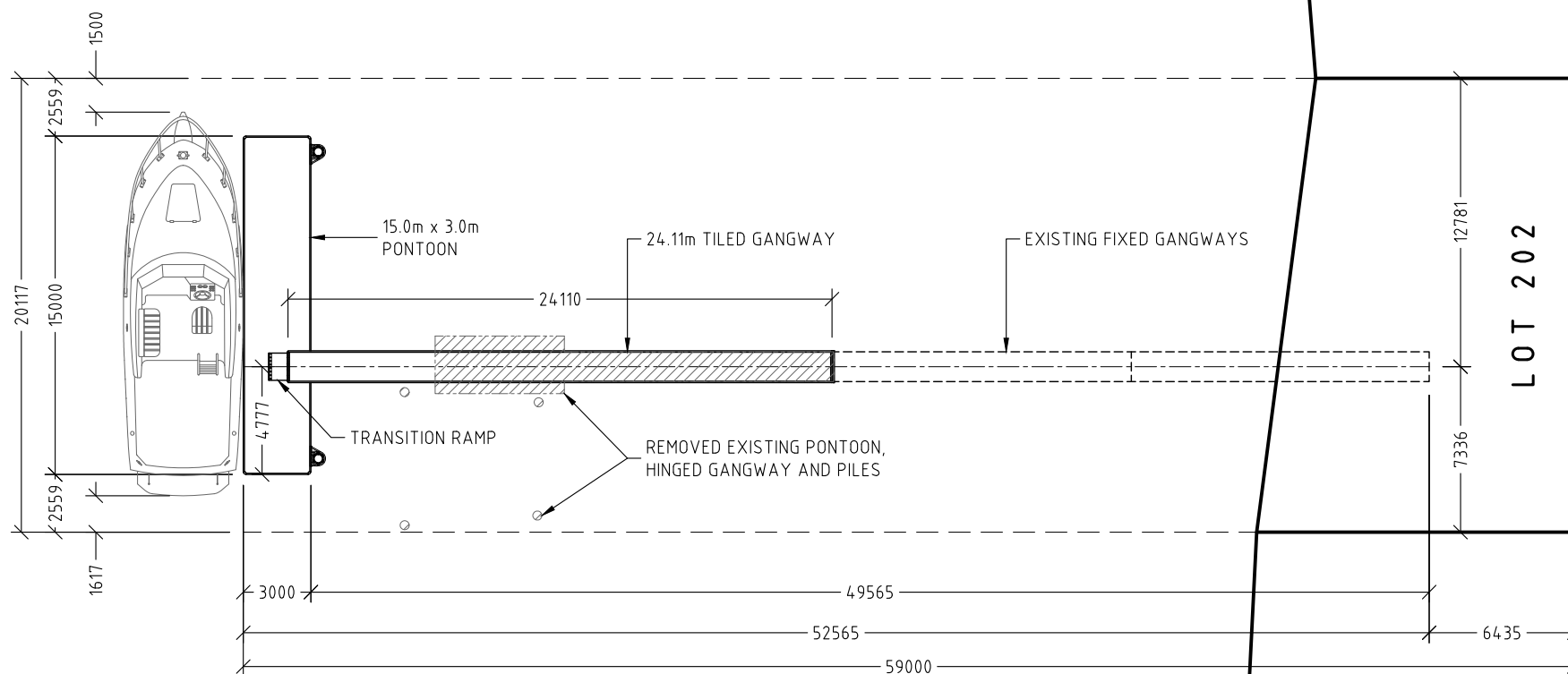
1. Where the Applicant is required to submit further documentation to the Referral Agency, this is to be directed to the Planning section at planning@gpcl.com.au, including reference to the allocated referral response number.
2. All development should proceed in accordance with the duty of care guidelines under the *Aboriginal Cultural Heritage Act 2003*. Penalties may apply where duty of care under that Act has been breached.
3. 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.

Attachment 2 Approved Plans and Specifications

WET BERTHED VESSEL

MAXIMUM VESSEL LENGTH - 17.0m
 MAXIMUM VESSEL BEAM - 5.3m
 MAXIMUM VESSEL MASS - 20000 Kg

BURNETT RIVER



NO EXISTING STRUCTURE

LOT 201

LOT 191

LOT 7

LOT 202

LOT 192

LOT 8
ON RP 7182

LOT 203

LOT 193

LOT 9

59.345 270° 00' 00"

57.735m 270° 00' 00"

60.350m 270° 00' 00"

61.356m 270° 00' 00"

SITE PLAN SCALE 1:300



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DATE
 09/11/22

DRAWING NO:
 19752-D01

REVISION NO:

PROJECT
PROPOSED PONTOON AND GANGWAY

DRG. TITLE
SITE PLAN

CLIENT
DOMINIC DEVINE

ADDRESS
**64 CORSER STREET
 BURNETT HEADS**

DRAWN BY
 R.M.

DESIGNED

CHECKED BY
 M.W.

PAPER SIZE
 A3

SCALE

CERTIFIED
MARK WICHLINSKI
 CONSULTING ENGINEERS PTY LTD

Mark Wichlinski

NPER No 832296
 RPEQ: 1643, VIC: PE0002540

1.0. GENERAL NOTES

- 1.1. The works that are the subject of these plans are structurally adequate for anticipated usage as detailed and certified on these plans.
- 1.2. All structures depicted have been designed to comply with relevant regulations as set by statutory authorities and The Prescribed Tidal Works Code (Schedule 3 of the Coastal Protection & Management Regulation 2017)
- 1.3. All structures depicted herein have been designed in accordance with Australian Standards AS1170.0; AS1170.1; AS1170.2; AS1170.4; AS4997; AS1720.1; AS2159; AS3600; AS3962; Relevant local covenants, where applicable, have been considered in the design.
- 1.4. Anchorage piles where applicable have been designed assuming independence from any adjacent revetment structures.
- 1.5. Where applicable, the existing revetment wall appears (to the best extent that could be reasonably determined via non-destructive inspection) to be adequate for typical service loads (such as live, dead and impact) that may be imposed by the proposed gangway/abutment connection.
- 1.6. The following design parameters form the basis for the design of the structure/s depicted herein -
 - 1.6a Gangways - Restricted Access - Design Structural Live Load - 3.0 kPa
 - 1.6b Gangways - Unrestricted Access - Design Structural Live Load - 4.0 kPa
 - 1.6c Pontoon - Design Structural Live Load - 3.0 kPa - Concentrated load of 4.5kN
 - 1.6d Pontoon - Design Flotation Loads - Restricted Access 2.0 kPa - Unrestricted Access 3.0 kPa
 - 1.6e Pontoon - Design Stability Loads - Restricted Access 15 kPa - Unrestricted Access 2.0 kPa
 - 1.6f (Deck or Jetty) Restricted Access - Design Structural Live Load - 3.0 kPa - Concentrated load of 4.5kN
 - 1.6g (Deck or Jetty) Unrestricted Access - Design Structural Live Load - 5.0 kPa - Concentrated load of 4.5kN

- 1.6h Design Wave height - 0.4 m
- 1.6i Design ultimate wind velocity - 34 m/s - Nil mooring where Ws exceeds 21.5 m/s.
- 1.6j Max stream velocity (2% exceedance probability) <0.5m/s maximum
- 1.6k Anchorage, Mooring, Boardwalk or Jetty (where applicable) to be installed in accordance with AS2159 to ensure the following minimum (working) design loads are achieved (Unless Noted Otherwise):
Bearing Capacity - 5.0 tonnes.
Lateral Capacity - 5.0 tonnes.

2.0. STEEL

- 2.1. All steelwork to comply with AS4100. All welds to be 6mm continuous fillet welds U.N.O.
- 2.2. All steel exposed to be hot dipped galvanized with coating mass not less than 600g/sq.m.
- 2.3. Stainless steel restraint cables to be min 8mm diam, Grade 316 and in accordance with AS 2837 where applicable.

3.0. CONCRETE

- 3.1. All concrete work to comply with AS3600.
- 3.2. Pontoon concrete strength to be S50MPa marine grade. U.N.O.
- 3.3. Insitu pile concrete 32 MPa & Abutment Block concrete S50MPa marine grade. U.N.O.
- 3.4. Minimum cover to the reinforcement - 50mm U.N.O.

4.0. ALUMINIUM

- 4.4. All aluminium to comply with AS1664 and to be (minimum) Grade 6063 T5 U.N.O.
- 4.5. Butt welds, where specified, to have full penetration.
- 4.6. Surfaces between aluminium pontoon waler and concrete to be separated by bituminous membrane.

5.0. FLOTATION

- 5.1. Design stability load applied across half the width of the floating pontoon and on the entire gangway will produce a maximum tilt not exceeding 15 degrees and will not cause any corner to emerge from the water. The minimum freeboard under such loading will not be less than 75mm at any point on the pontoon.

- 5.2. (CAPRI SERIES) flotation modules are manufactured using rotationally molded medium density polyethylene, and form a complete seal impervious to marine organisms known to attach to such structures under typical conditions.

6.0. TIMBER

- 6.1. All timber work to comply with AS 1720.1 to be minimum F17 hardwood. Durability Class 1.
- 6.2. All bolted timber connections, where specified, to be galvanized (or stainless steel equivalent).

7.0. FIXINGS & FINISHINGS

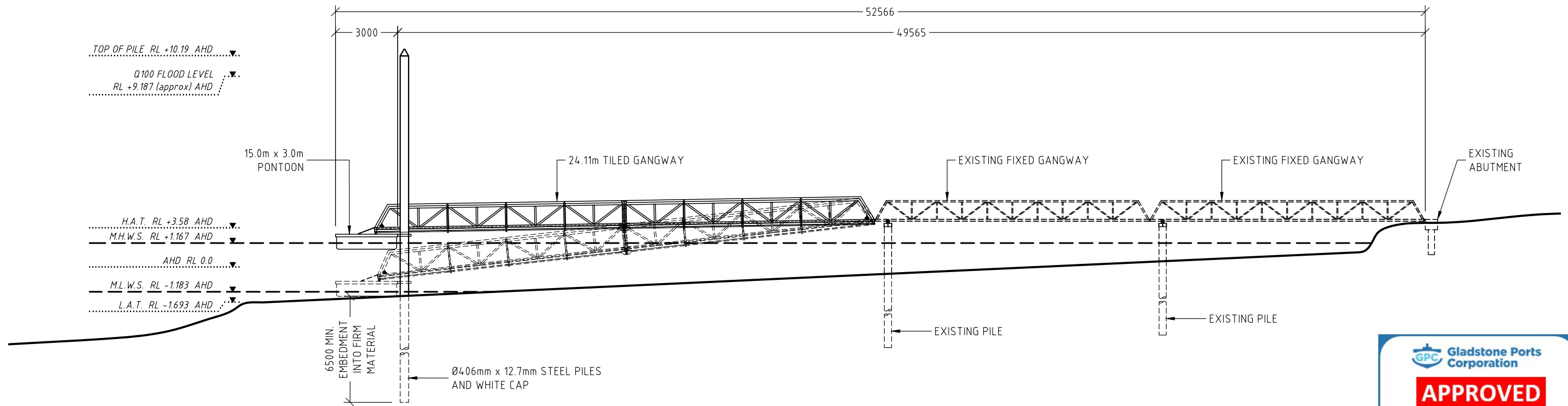
- 7.1. All fixings to be 316 Grade Stainless Steel U.N.O.

8.0. The vessel moored on the pontoon will sit on the canal bed/bank as per the design intention of the applicant. The vessel moored at the pontoon should be a type of vessel intended to sit on the canal bed/bank (vessel should not tip when grounded at low tides). The canal profile is not to be altered from the maintenance profile. Dredging below the maintenance profile is not permitted.

IT IS THE OWNERS RESPONSIBILITY TO ENSURE THAT ANY VESSEL BERTHED DOES NOT EXCEED THESE MAXIMUMS

DO NOT SCALE DRAWINGS.

THE WORKS THAT ARE THE SUBJECT OF THESE PLANS ARE STRUCTURALLY ADEQUATE FOR ANTICIPATED USAGE AS DETAILED AND CERTIFIED ON THESE PLANS.



ELEVATION SCALE 1:200


APPROVED
 Name: Trudi Smith
 Date: 11:25am 12/09/2023

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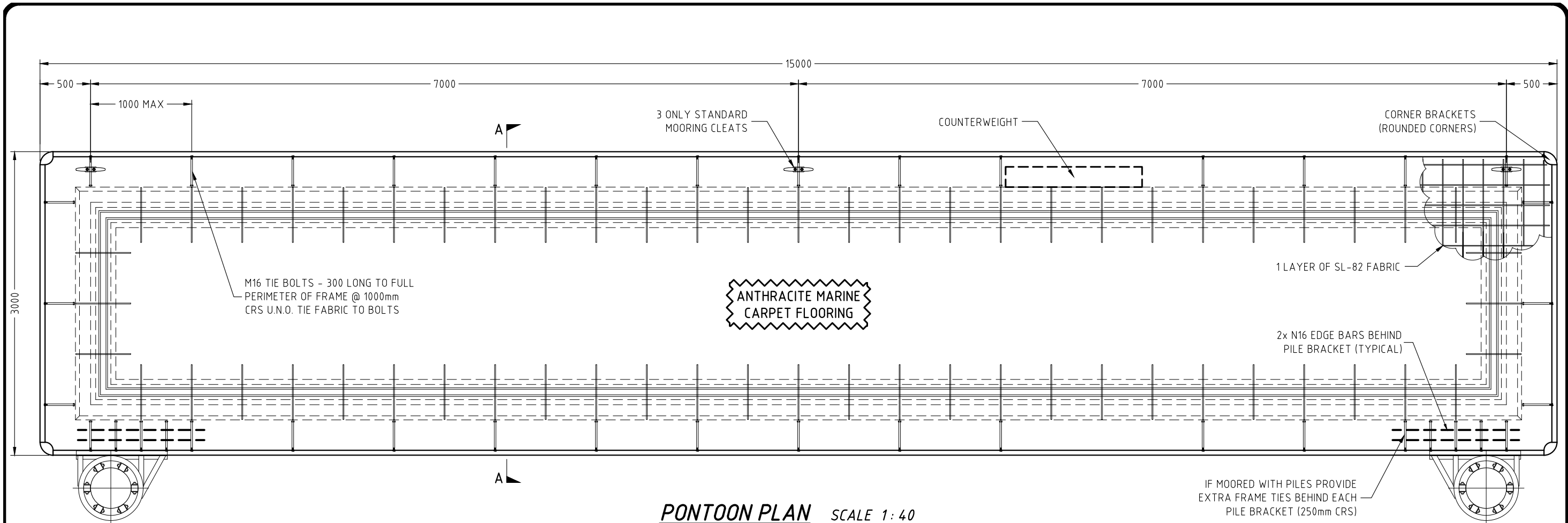

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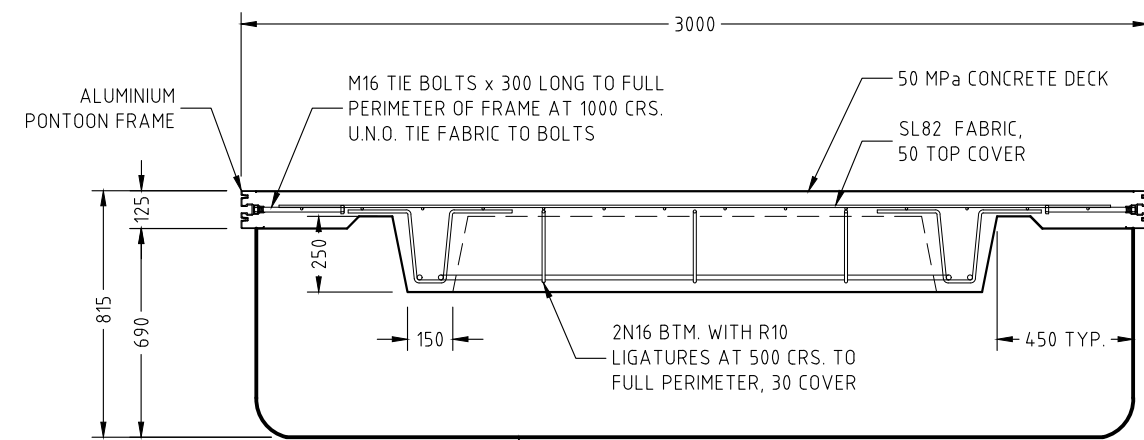
PROJECT **PROPOSED PONTOON AND GANGWAY**
 DRG. TITLE **ELEVATION AND GENERAL NOTES**
 CLIENT **DOMINIC DEVINE**
 ADDRESS **64 CORSER STREET
 BURNETT HEADS**
 DRAWN BY R.M. DESIGNED CHECKED BY M.W. PAPER SIZE A3 SCALE

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PONTON PLAN SCALE 1:40



SECTION A-A SCALE 1:25

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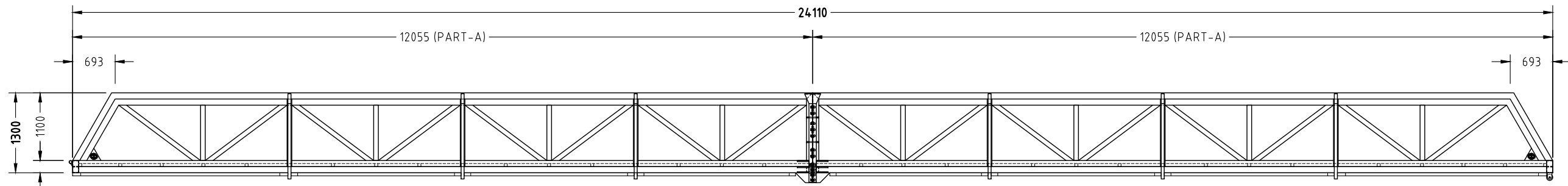
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PROJECT PROPOSED PONTOON AND GANGWAY				
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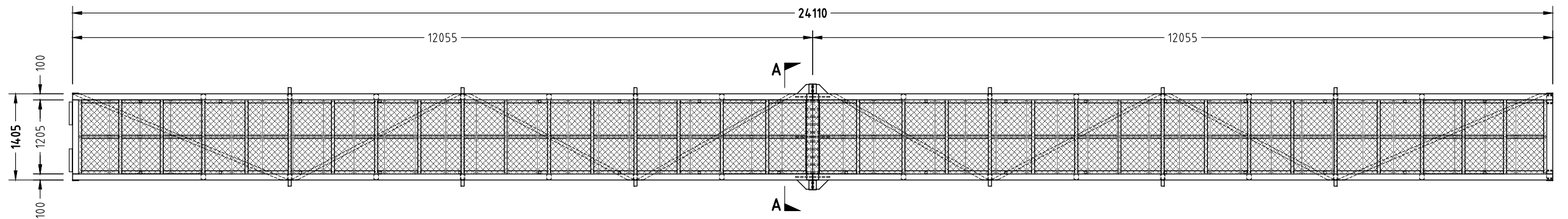
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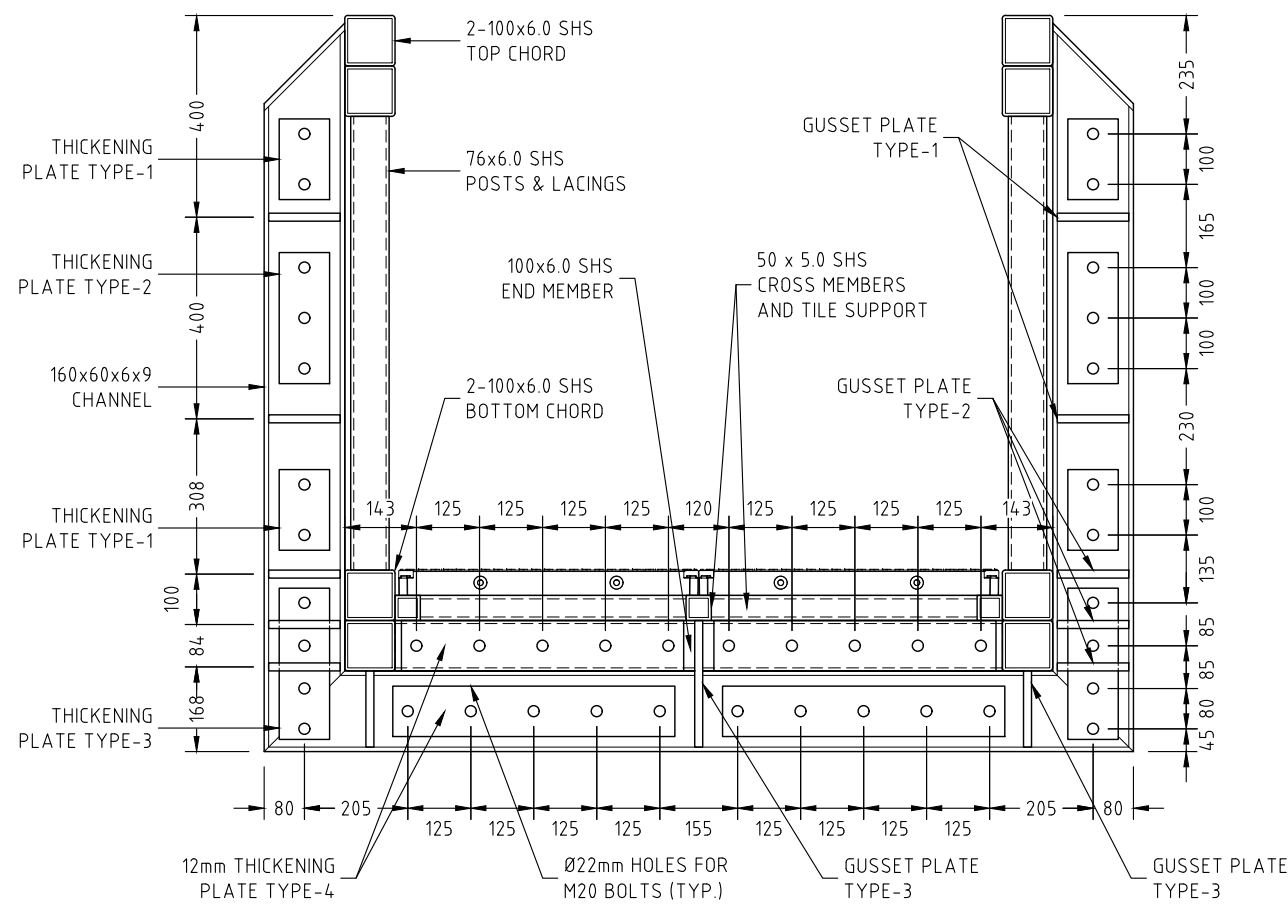
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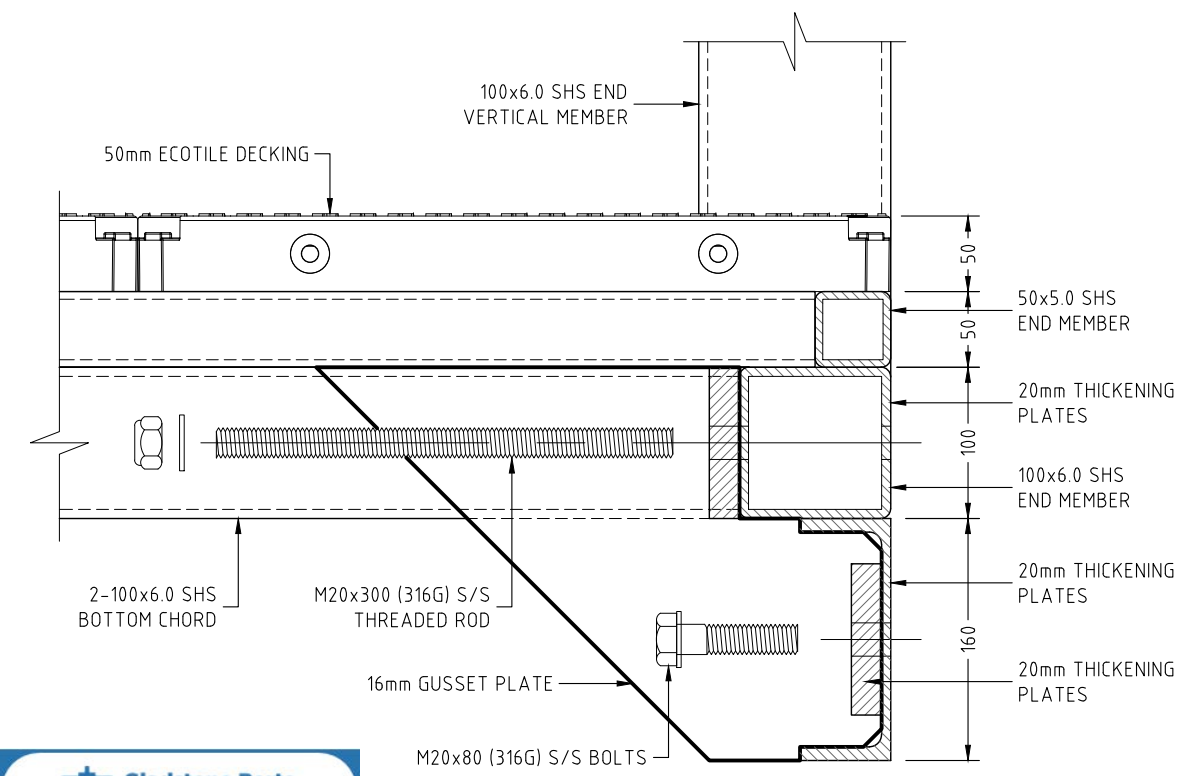
ELEVATION SCALE 1: 75



PLAN SCALE 1: 75



SECTION A-A SCALE 1: 20



DETAIL-1 SCALE 1: 5



- NOTE:**
1. ALL COMPONENTS TO BE ALUMINIUM, TYP. U.N.O.
 2. ALL MEMBERS TO BE WELDED WITH CONTINUOUS FILLET, TYP. U.N.O.

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PROJECT
**PROPOSED PONTOON AND GANGWAY
GANGWAY CONSTRUCTION DETAILS**

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BURNETT HEADS**

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R.M.

DESIGNED

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M.W.

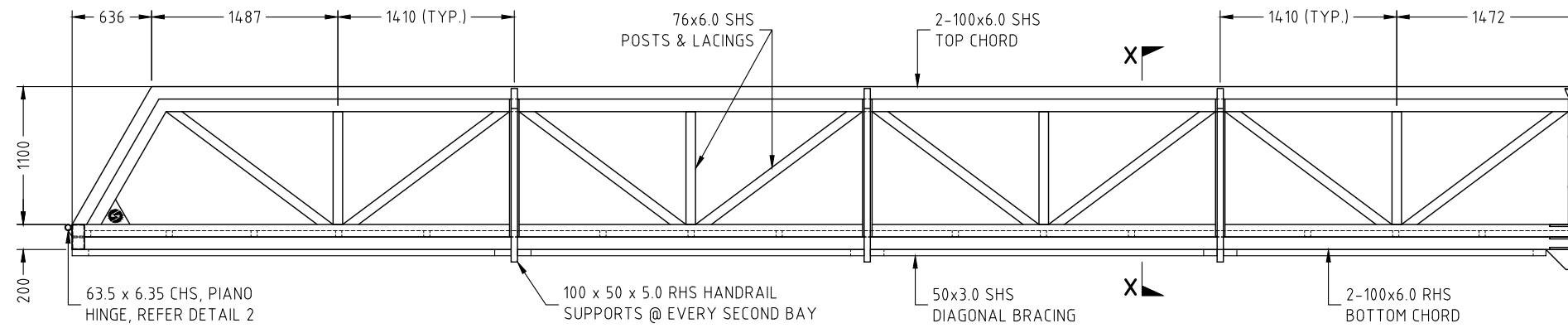
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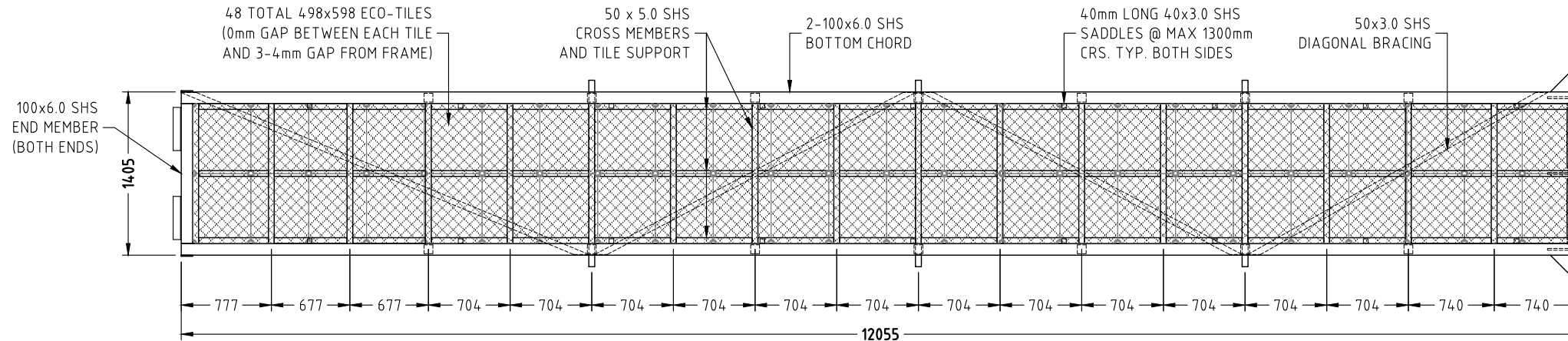
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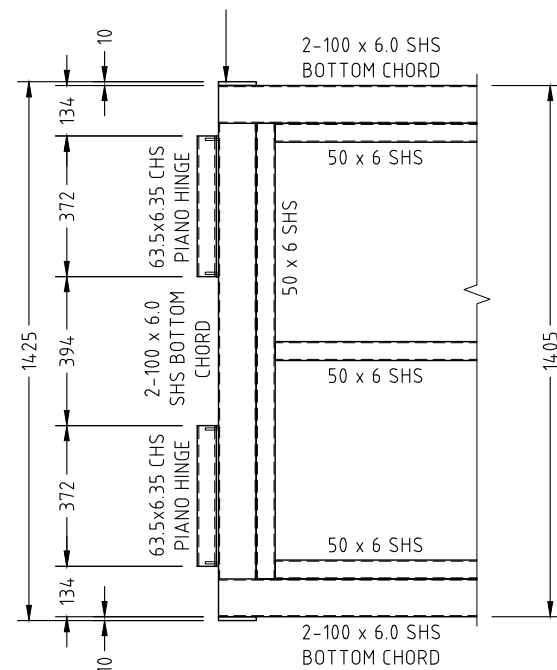
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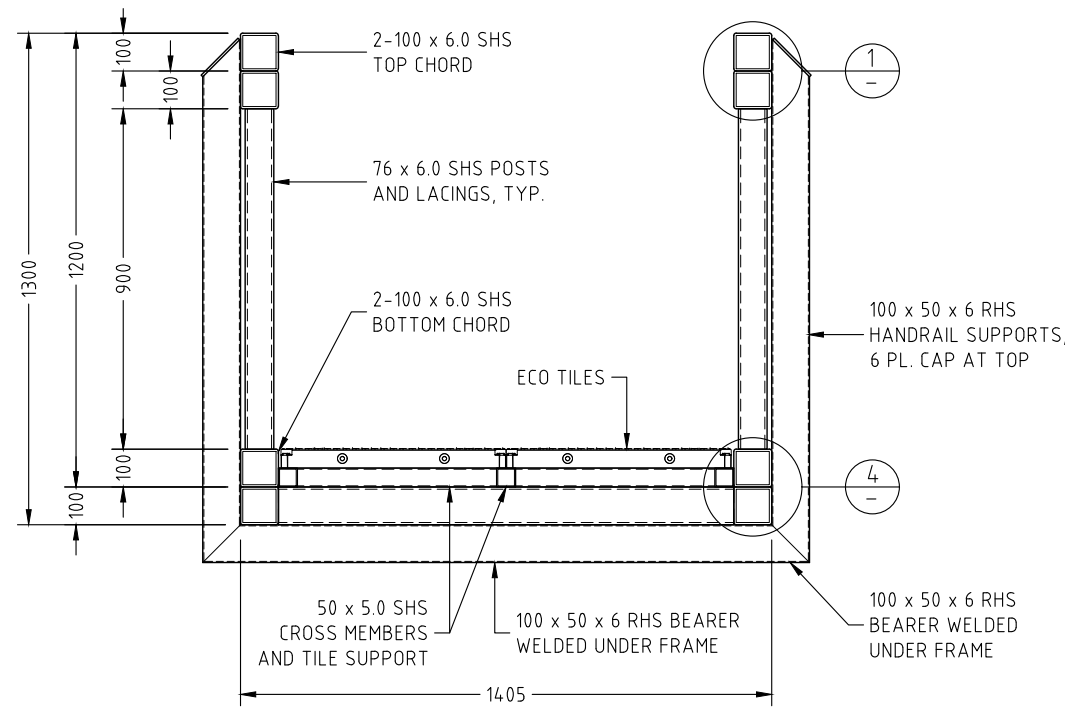
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PLAN SCALE 1:50

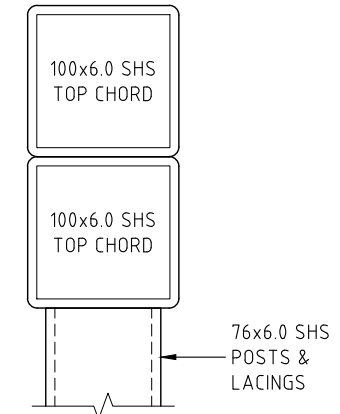


PIANO HINGE - DETAIL 3 SCALE 1:20

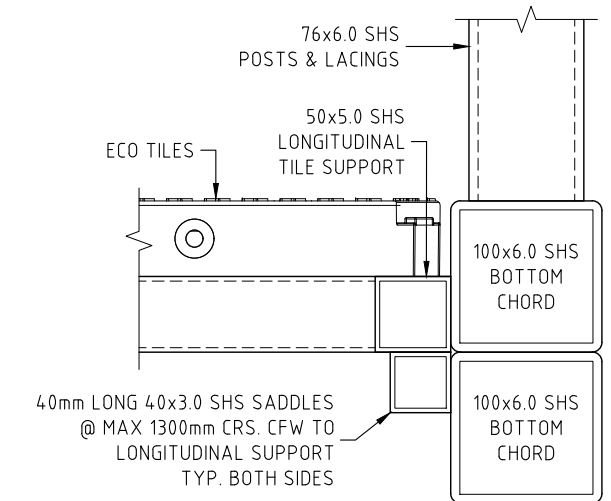


SECTION X-X SCALE 1:20

- NOTE:**
1. ALL COMPONENTS TO BE ALUMINIUM, TYP. U.N.O.
 2. ALL MEMBERS TO BE WELDED WITH CONTINUOUS FILLET, TYP. U.N.O.
 3. HINGE FINAL MEASUREMENTS TO SUIT EXISTING FIXED GANGWAY. TO BE CONFIRMED ON SITE PRIOR TO MANUFACTURING.



DETAIL 1 SCALE 1:5



DETAIL 2 SCALE 1:5



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19752-D05

REVISION NO:

PROJECT
**PROPOSED PONTOON AND GANGWAY
GANGWAY PART-A CONSTRUCTION DETAILS**

DRG. TITLE

CLIENT
DOMINIC DEVINE

ADDRESS
**64 CORSER STREET
BURNETT HEADS**

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R.M.

DESIGNED

CHECKED BY
M.W.

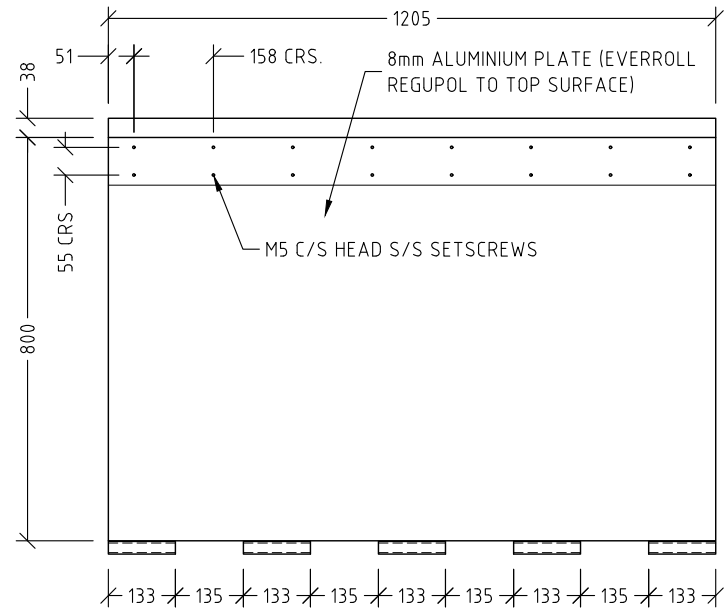
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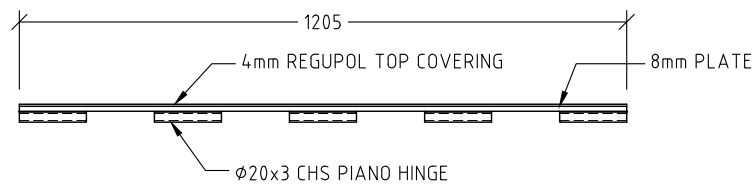
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Mark Wichlinski

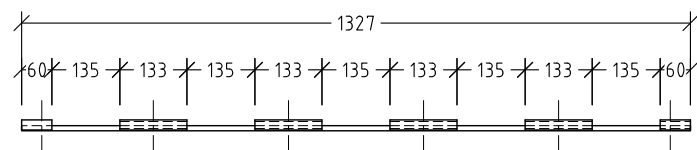
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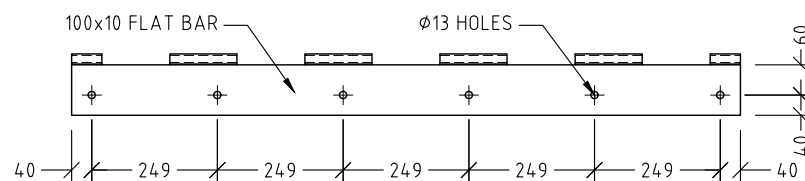
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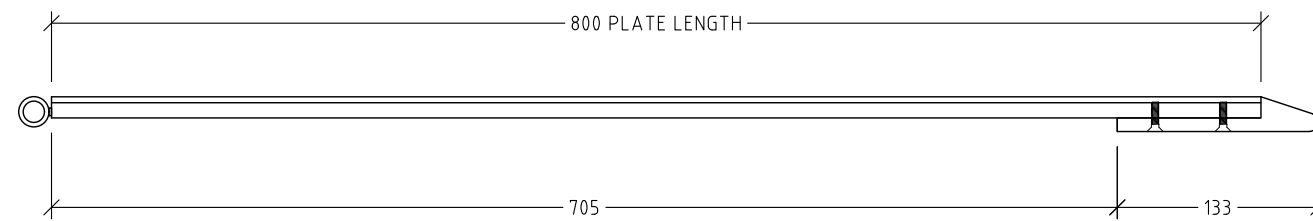
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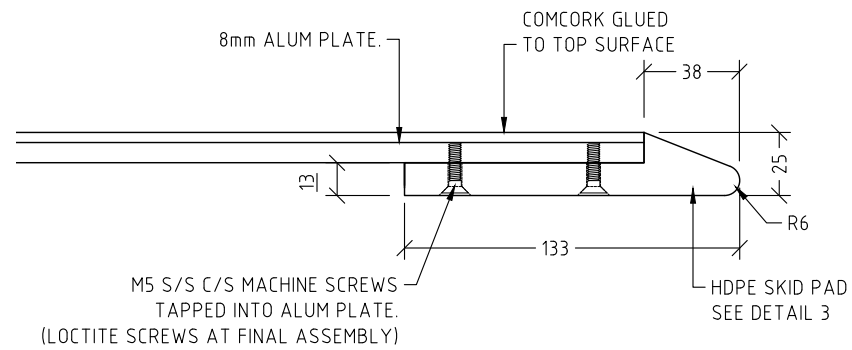
CONNECTION BRACKET PLAN SCALE 1:20



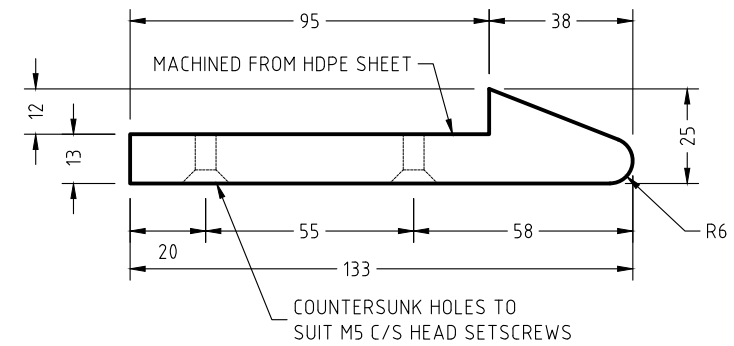
CONNECTION BRACKET END VIEW SCALE 1:50



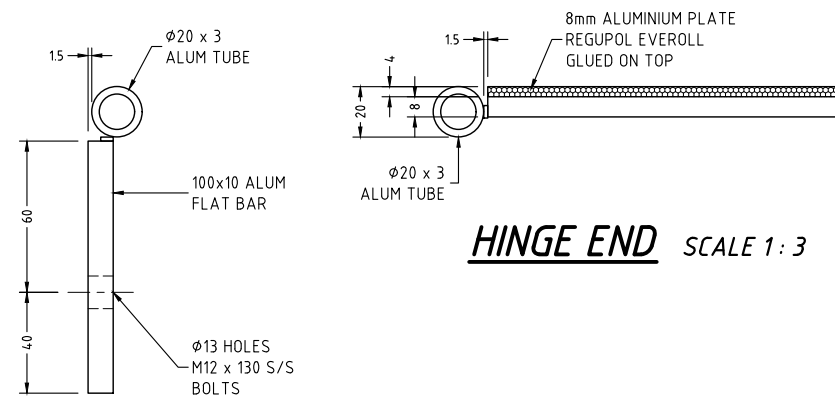
TRANSITION RAMP ELEVATION SCALE 1:5



SKID PLATE END SCALE 1:3

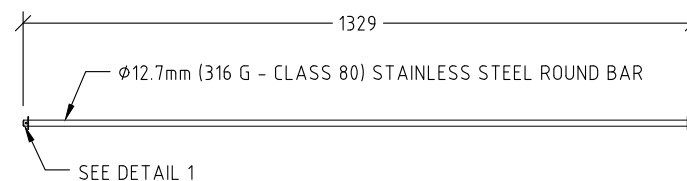


HDPE SKID PLATE - DETAIL 3 SCALE 1:2



HINGE END SCALE 1:3

CONNECTION BRACKET SCALE 1:3



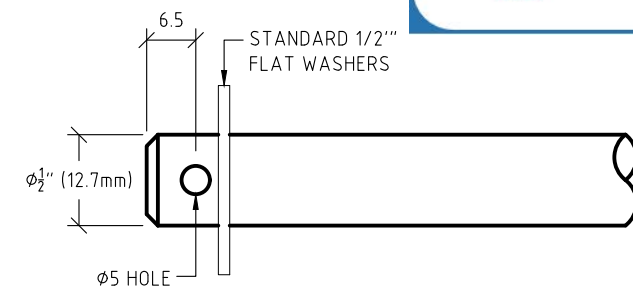
STAINLESS STEEL HINGE PIN SCALE 1:20

1 ONLY REQUIRED

GPC Gladstone Ports Corporation

APPROVED

Name: Trudi Smith
Date: 11:26am 12/09/2023



DETAIL 1 SCALE 1:1

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DATE
09/11/22

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PROJECT
**PROPOSED PONTOON AND GANGWAY
GANGWAY TRANSITION RAMP CONSTRUCTION DETAILS**

DRG. TITLE

CLIENT
DOMINIC DEVINE

ADDRESS
**64 CORSER STREET
BURNETT HEADS**

DRAWN BY
R.M.

DESIGNED

CHECKED BY
M.W.

PAPER SIZE
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SCALE

CERTIFIED
MARK WICHLINSKI
CONSULTING ENGINEERS PTY LTD

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