

GENERAL NOTES:

- 1.0 ALL DIMENSIONS AND LEVELS ARE TO BE VERIFIED ON SITE.
- 2.0 WHEN IN DOUBT 'ASK' DO NOT SCALE.
- 3.0 ALL DIMENSIONS ARE SHOWN IN IMETRES U.N.O..
- 4.0 ALL LEVELS ARE SHOWN IN METRES AND ARE REDUCED TO CHART DATUM (CD)
- 5.0 PILES
- TOLERANCE FOR DRIVING IN PLAN +/- 50 mm, MEASURED AS THE WORST COMBINATION OF PLAN DEVIATION AND OUT OF PLUMB OVER FULL TIDAL RANGE. VERTICAL = 1 IN 150 MAX OUT OF PLUMB
 - CONTRACTOR TO ADVISE ENGINEER IF BED LEVEL DIFFERS FROM DESIGN LEVEL BY MORE THAN 300mm.
- 6.0 PONTOON DIMENSIONS ARE NOMINAL.
- 7.0 ALL TIMBER DESIGN AND CONSTRUCTION TO BE IN ACCORDANCE WITH AS 1720.1 - 2010.
- ALL TIMBER TO BE SEASONED AND TREATED IN ACCORDANCE WITH AS 1604.
- 8.0 ALL STEEL WORK TO BE HOT DIP GALVANIZED IN ACCORDANCE WITH AS 4680.
- ACID DIP AND HOT DIP GALVANIZE IN ACCORDANCE WITH AS4680.
 - AVERAGE COATING 750g/m²
 - EQUIVALENT THICKNESS 100 MICRONS.
- 9.0 ALL ALUMINIUM WORK TO BE IN ACCORDANCE WITH AS 1664.
- ALL EXTRUSIONS TO BE TYPE 6061-T6 OR 6082-T5 U.N.O.
 - PLATES TO BE TYPE 5083 TEMPER H321.
 - ALL WELDS SHALL BE INERT GAS WELD USING T.I.G. FUSION WELDING PROCESS.
 - ALL WORK SHALL BE NEATLY FINISHED WITH ALL SHARP EDGES GROUND SMOOTH.
 - ALL WELDS TO BE COMPLETE PENETRATION BUTT WELD
- 10.0 ALL STEEL AND ALUMINIUM WORK SHALL BE NEATLY FINISHED WITH ALL SHARP EDGES GROUND SMOOTH.
- 11.0 PILE GUIDE BLOCKS ARE TO BE ADJUSTED AS REQUIRED TO SUIT PILE SIZE AND POSITION ON SITE.
- CLEARANCE MUST BE PROVIDED BETWEEN PILE AND GUIDE TO PREVENT "HANGING" OF PONTOON UNDER FULL TIDAL RANGE.
- 12.0 ALL PEDESTRIAN SURFACES SHALL BE FINISHED IN ACCORDANCE WITH AS4586.
- CLASS P4 FOR PONTOONS, PLATFORMS, ABUTMENTS, INFILL PANELS, LIDS, BEAMS, STRUCTURAL MEMBERS AND FRAMES
 - CLASS P5 FOR GANGWAYS.

- 13.0 CONCRETE
- ALL CONCRETE WORKS SHALL COMPLY WITH AS 3600
 - MINIMUM CONCRETE STRENGTH f'c = 50MPa
 - ALL REINFORCEMENT TO BE HOT DIP GALVANIZED
 - MINIMUM COVER TO REINFORCEMENT = 45mm

14.0 INSULATION

BOLTED MATERIAL	INSULATING MATERIAL
ALUMINIUM / GALV. / STAINLESS STEEL	BARIUM CHROMATE JOINING COMPOUND OR EQUIVALENT
ALUMINIUM / CONCRETE	3mm NEOPRENE
STEEL / CONCRETE	3mm NEOPRENE

15.0 DESIGN PARAMETERS

- WIND
- BASIC WIND SPEED Vu = 45 m/s
 - TERRAIN CATEGORY TC2
 - GUST DURATION = 30sec

WAVE

- ARI = 50 years
- Hs = 11m
- T = 2.5-6s
- BOAT WAKE
- Hmax = 0.6m
- T = 2.5-6s

LIVE LOAD ON PONTOONS

- MAX. UNIFORMLY DISTRIBUTED LOAD 3 kPa
- FREEBOARD UNDER DEAD LOAD 400 ± 25mm

LIVE LOAD ON GANGWAY

- UNIFORMLY DISTRIBUTED LOAD 4kPa
- CONCENTRATED LOAD 4.5kN
- HANDRAIL LOAD 0.75kN/m



SITE PLAN
SCALE N.T.S.

PLAN OR DOCUMENT CERTIFICATION		
I am a qualified Engineer.		
I hold the following qualifications or licence No. _____		
BE, RPEQ No. 2938, CMEngNZ, ATBP No. CC4190W		
Further I am appropriately qualified to certify this component of the project.		
I hereby state that these plans or details comply with the relevant Australian Standards.		
J.M. LEMAN		22/02/21
Name	Signature	Date

FOR APPROVAL

Revisions

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Email : imc@imc-marinas.com

CLIENT:
ROYAL PRINCE EDWARD YACHT CLUB

PROJECT:
RAMP AND PONTOON REPLACEMENT

TITLE:
GENERAL NOTES

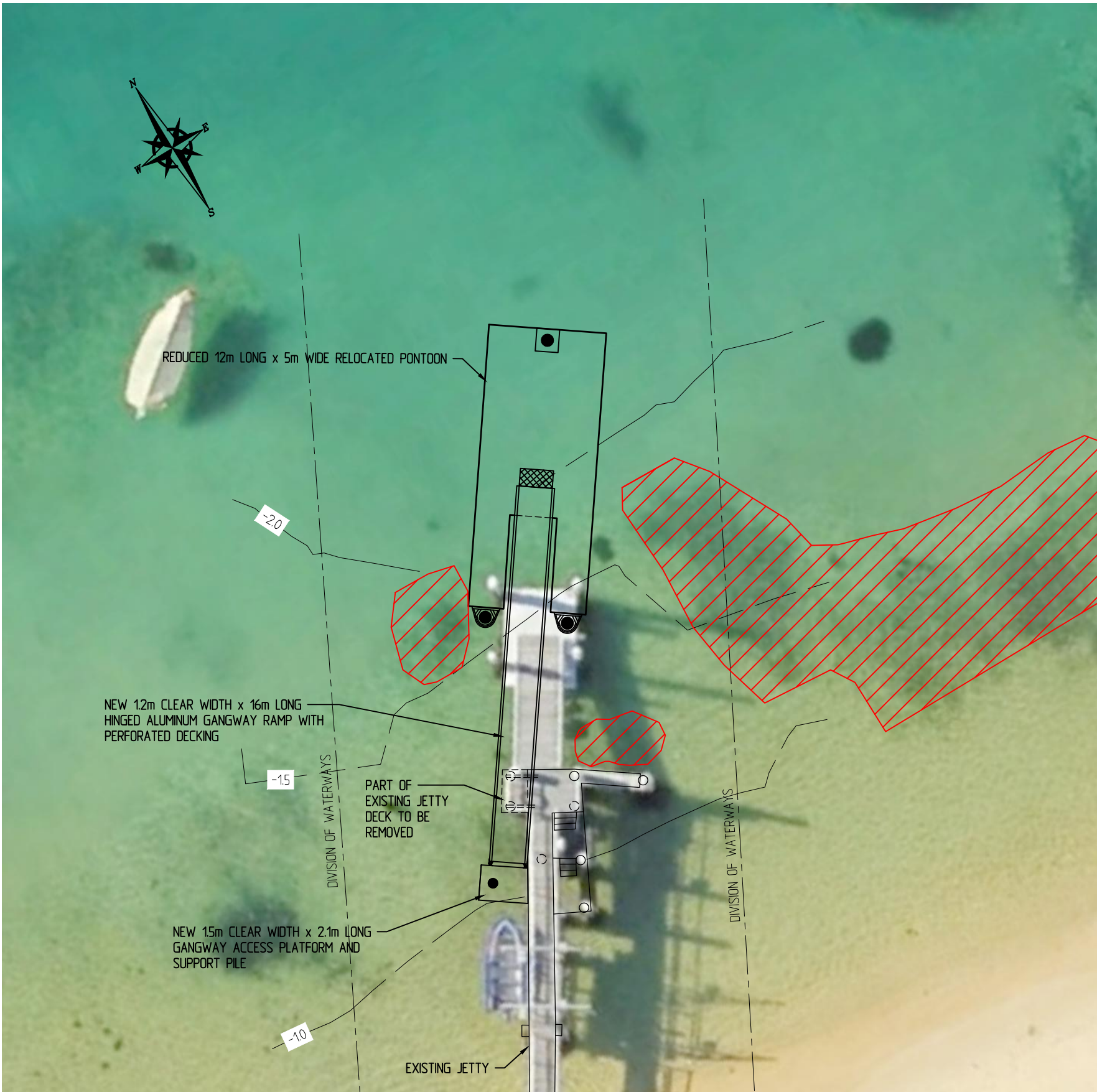
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Drawing No.: 5821-100

Scale: N.T.S.

Drawn By: T.J.S. Checked By:

Approved By:



- NOTES:**
- 1. ALL DIMENSIONS ARE IN METRES U.N.O.
 - 2. CONTOURS ARE IN METRES AND REDUCED TO CHART DATUM (CD).
 - 3. EXISTING JETTY, CONTOURS AND DIVISION OF WATERWAYS BOUNDARIES ARE DIGITISED FROM AUSTRALIAN PORTS AND MARINAS DRAWING PTL2 AND ARE SUBJECT TO DETAILED SURVEY.
 - 4. MARINA STRUCTURAL COMPONENTS AND PILES ARE SUBJECT TO DETAILED DESIGN.
 - 5. SEAGRASS LOCATIONS BASED ON WATERFRONT SURVEYS AUSTRALIA DRAWING 2160218 PYL3.

LEGEND:

SEAGRASS LOCATIONS

PLAN OR DOCUMENT CERTIFICATION

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22/02/21

Name

Signature

Date

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CLIENT:

ROYAL PRINCE EDWARD YACHT CLUB

PROJECT:

RAMP AND PONTOON REPLACEMENT

TITLE:

PROPOSED RAMP AND PONTOON LOCATION

Date:

5/02/2021

Drawing No.:

5821-101

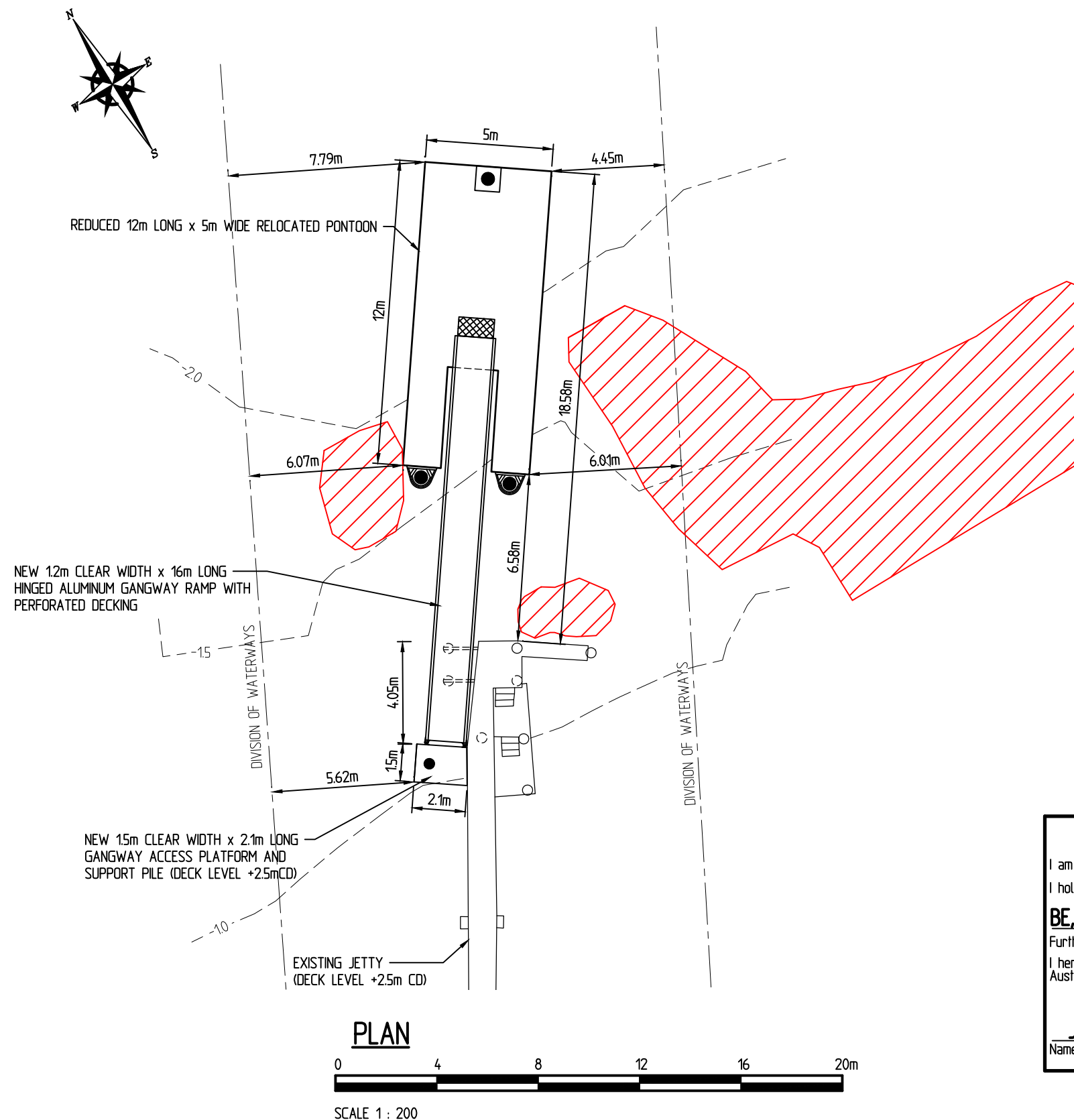
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AS SHOWN

Drawn By: T.J.S.

Checked By:

Approved By:



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4. MARINA STRUCTURAL COMPONENTS AND PILES ARE SUBJECT TO DETAILED DESIGN.
5. SEAGRASS LOCATIONS BASED ON WATERFRONT SURVEYS AUSTRALIA DRAWING 2160218 PYL3.

LEGEND:



SEAGRASS LOCATIONS

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J.M. LEMAN
Name

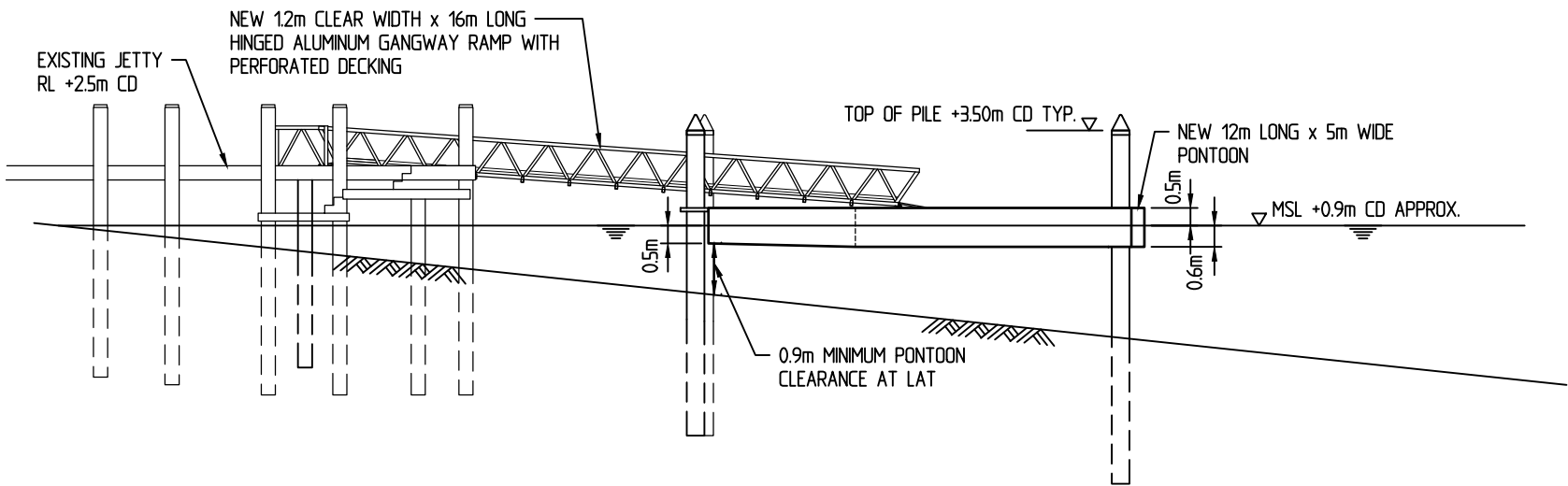
Signature

22/02/21
Date

FOR APPROVAL

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- 2. ALL LEVELS ARE IN METRES AND REDUCED TO CHART DATUM (CD).
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- 4. ELEVATION BASED ON DRAWING 5821-102.



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22/02/21

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Signature

Date

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A 24/3/21 DIMESIONS REVISED TO METRES.

Revisions

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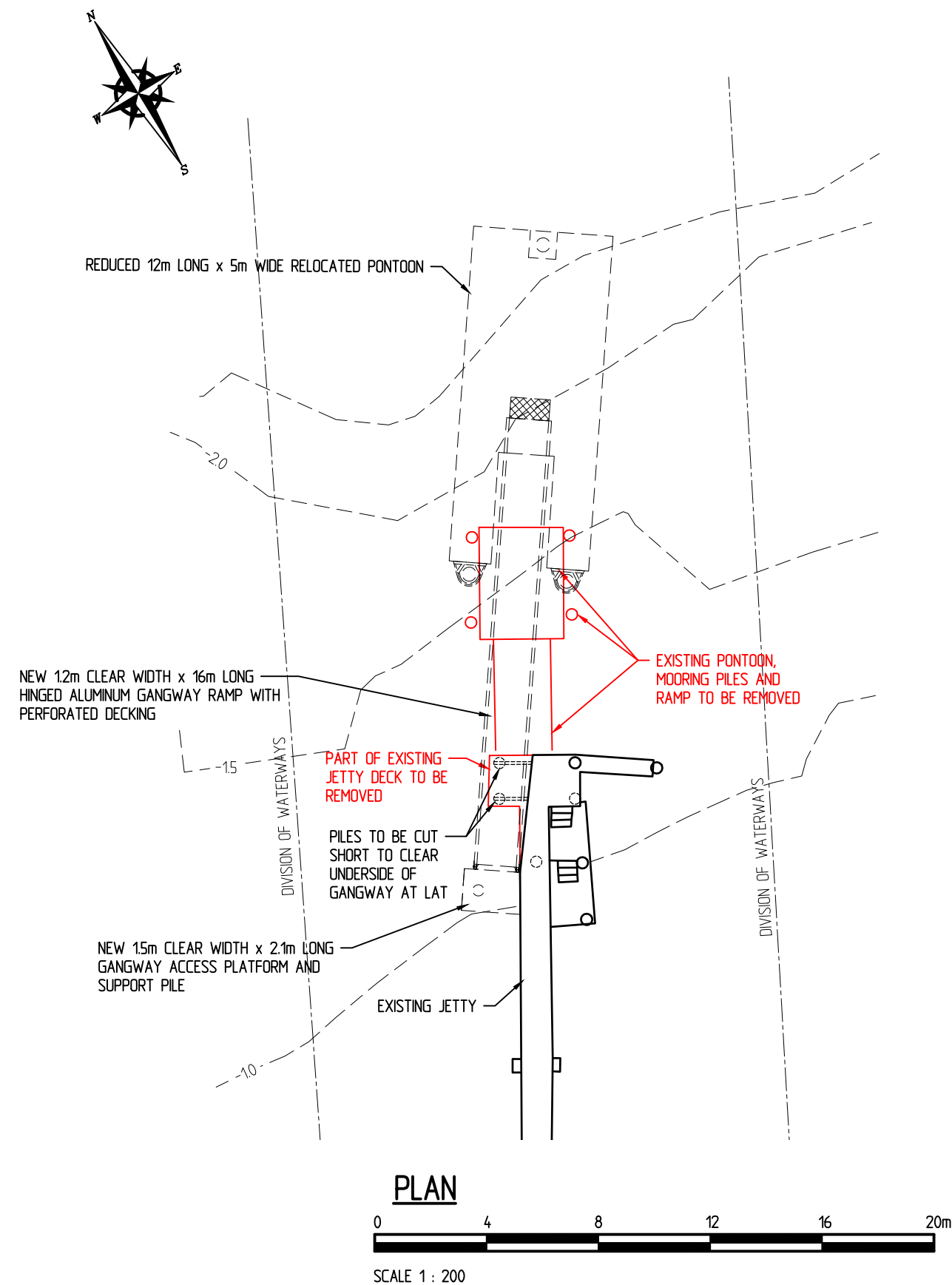
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CLIENT:
ROYAL PRINCE EDWARD
YACHT CLUB

PROJECT:
RAMP AND PONTOON
REPLACEMENT

TITLE:
PROPOSED RAMP AND
PONTOON ELEVATION

Date:	5/02/2021
Drawing No.:	5821-103/A
Scale:	AS SHOWN
Drawn By: T.J.S.	Checked By:
Approved By:	



NOTES:

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LEGEND:

[Red outline box] STRUCTURES TO BE DEMOLISHED/REMOVED

PLAN OR DOCUMENT CERTIFICATION

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J.M. LEMAN

Signature

22/02/21

Date

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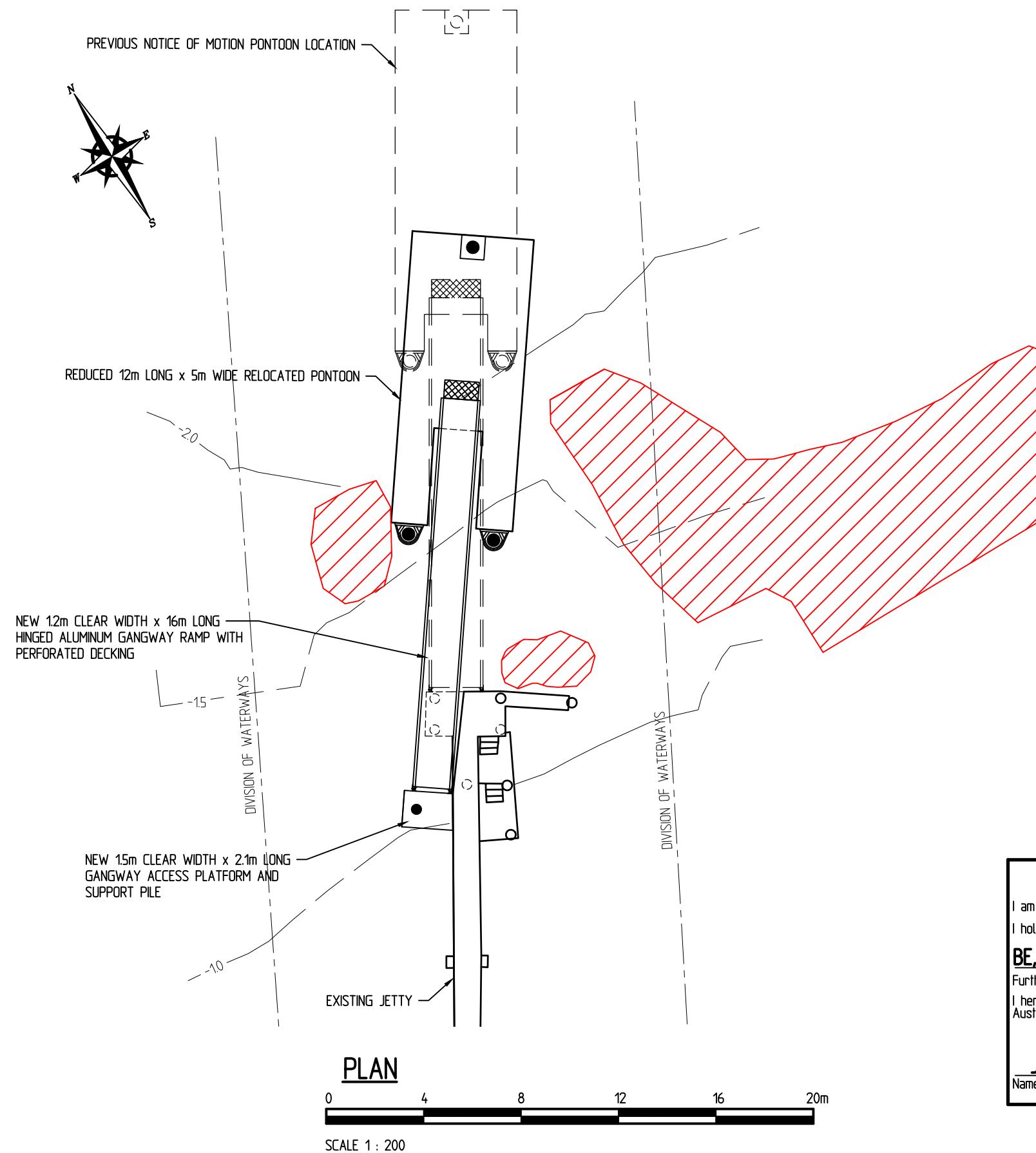
PROJECT:

RAMP AND PONTOON REPLACEMENT

TITLE:

PROPOSED DEMOLITON

Date:	5/02/2021
Drawing No.:	5821-104
Scale:	AS SHOWN
Drawn By: T.J.S.	Checked By:
Approved By:	



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4. SEAGRASS LOCATIONS BASED ON WATERFRONT SURVEYS AUSTRALIA DRAWING 2160218 PYL3.

LEGEND:



SEAGRASS LOCATIONS

PLAN OR DOCUMENT CERTIFICATION		
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J.M. LEMAN		22/02/21
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CLIENT:

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YACHT CLUB

PROJECT:

RAMP AND PONTOON
REPLACEMENT

TITLE:

NEW DESIGN AND PREVIOUS
NOTICE OF MOTION RAMP AND
PONTOON LOCATION COMPARISON

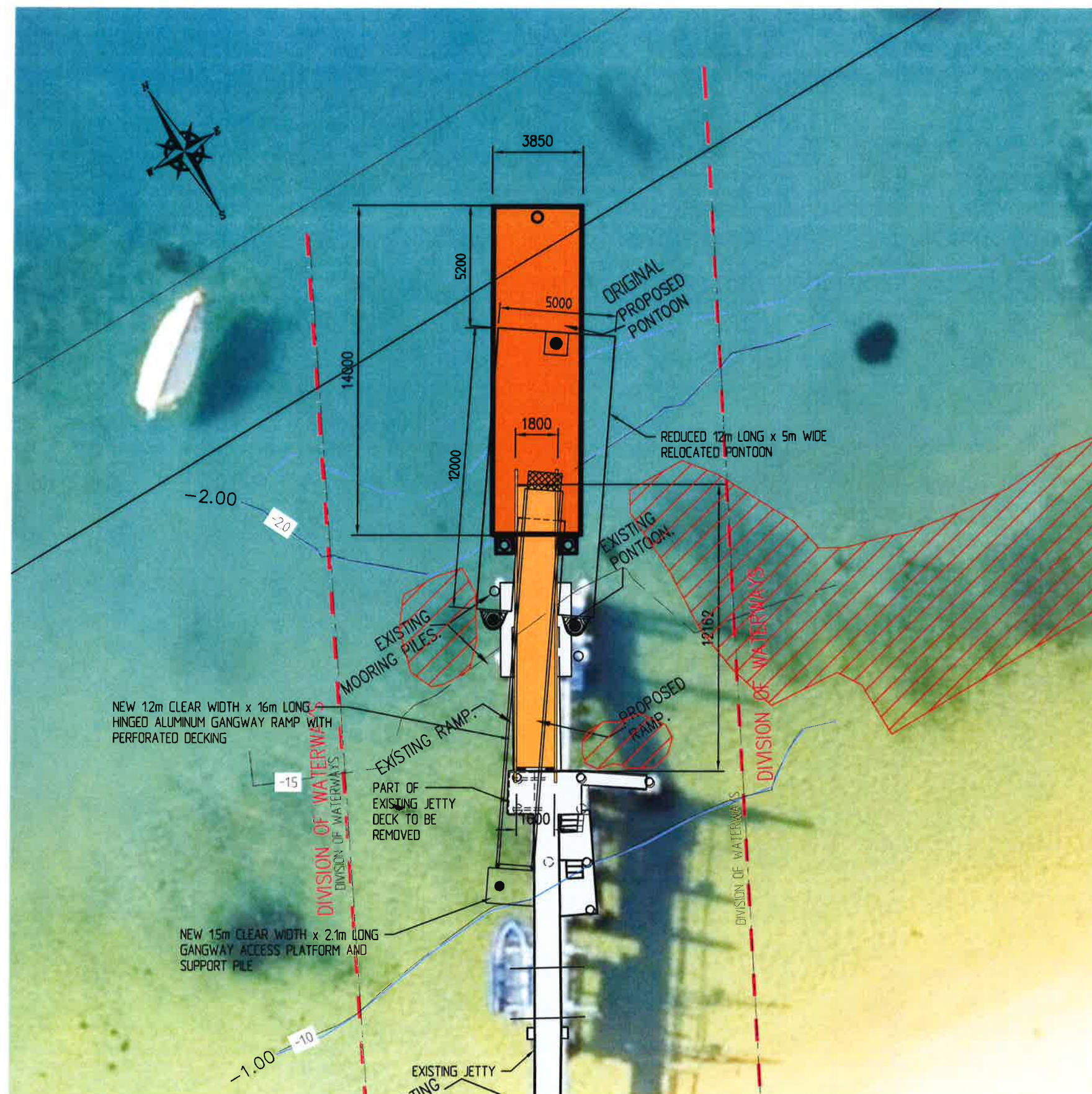
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Drawing No.: 5821-105

Scale: AS SHOWN

Drawn By: T.J.S. Checked By:

Approved By:



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LEGEND:



SEAGRASS LOCATIONS

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ROYAL PRINCE EDWARD
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PROJECT:

RAMP AND PONTOON
REPLACEMENT

TITLE:

PTL.2 WITH 5821-101
OVERLAYED

Date: 10/03/2021

Drawing No.: 5821-SK3

Scale: AS SHOWN

Drawn By: T.J.S. Checked By:

Approved By:

FOR INFORMATION