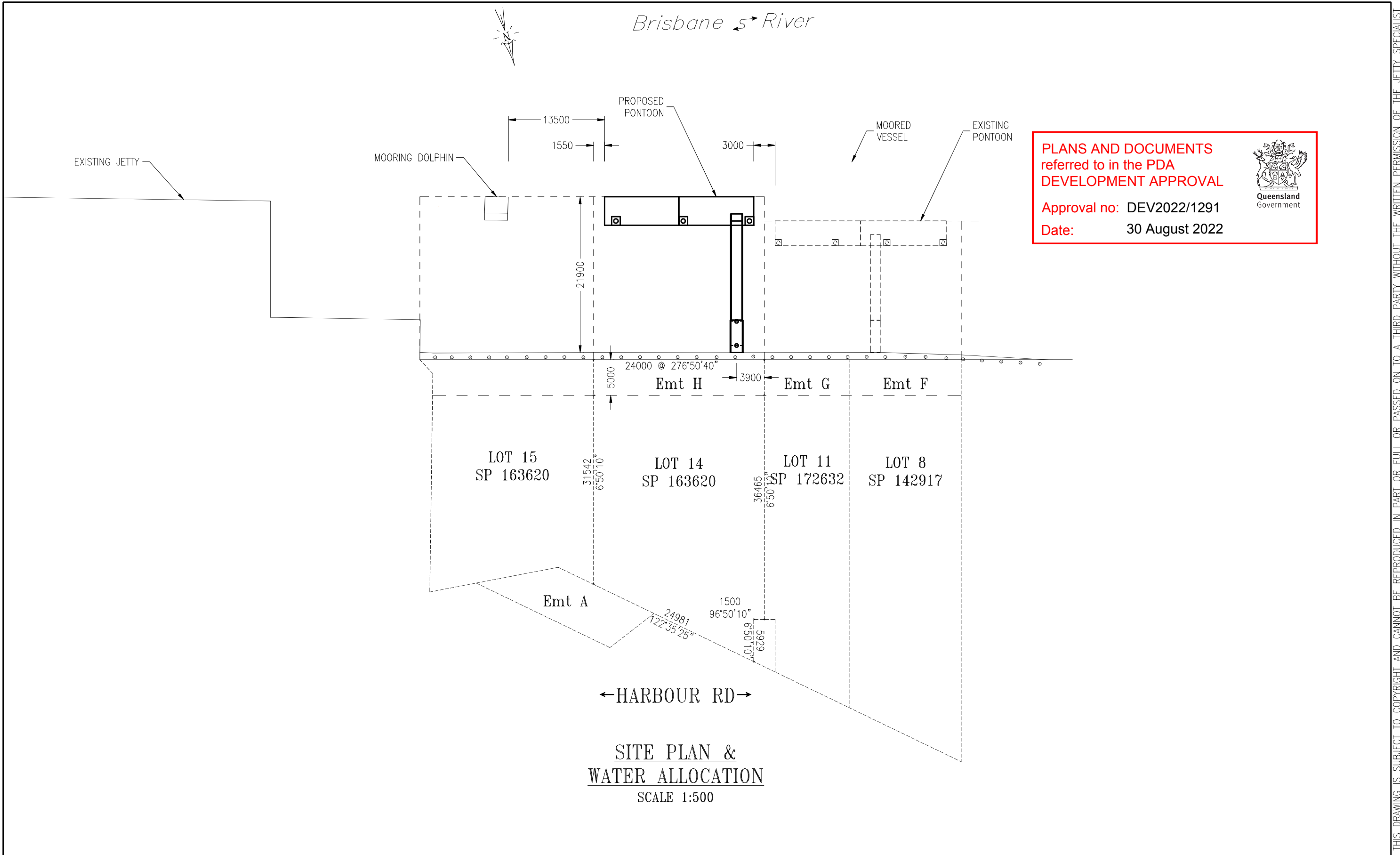
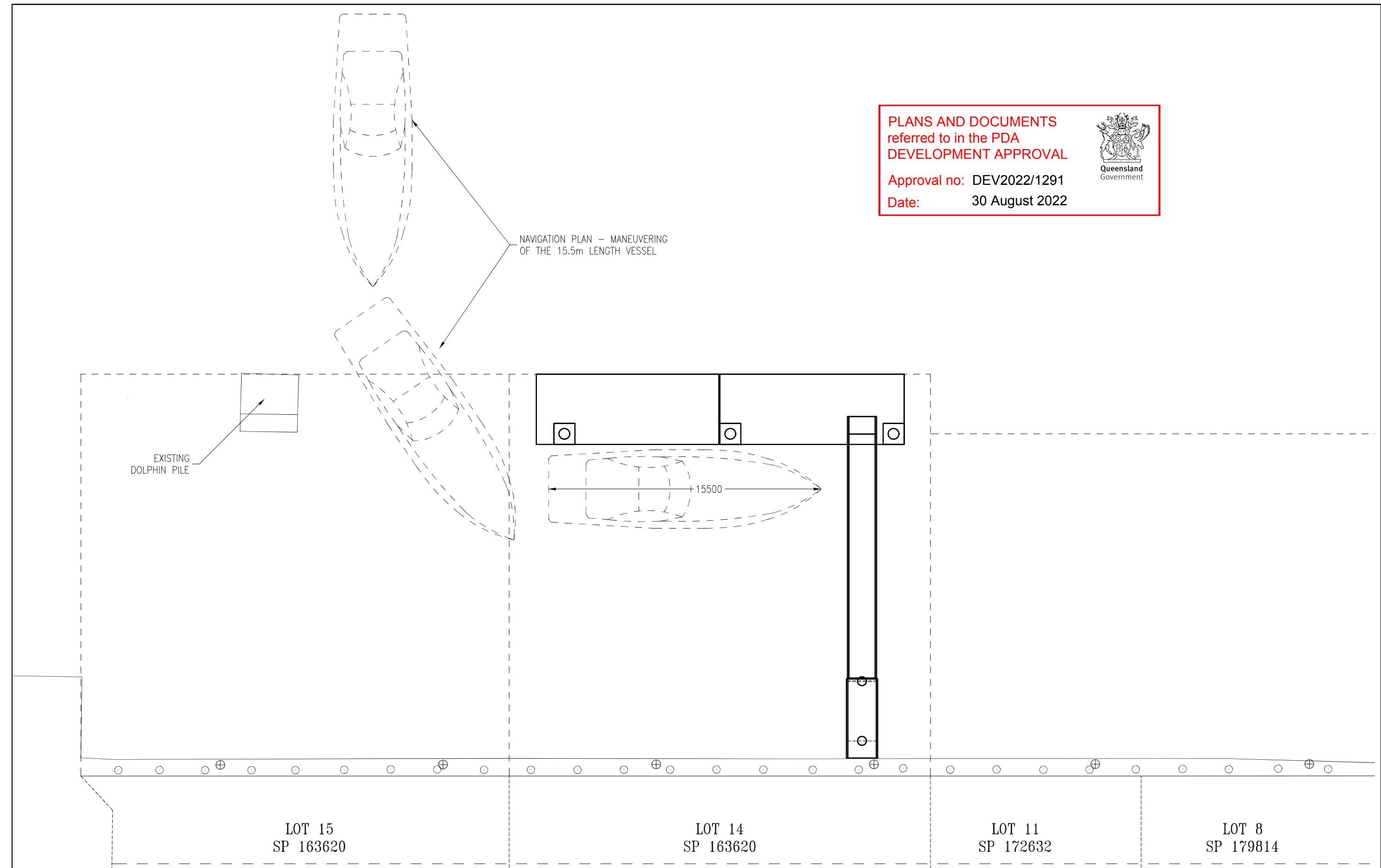




					ProjexPartners PROJECT MANAGEMENT ENGINEERING PLANNING					THE MARINA SPECIALIST TRADING AS ACN 010633119 18 RON PARKINSON CRES CORBOUND PARK QLD 4551 AUSTRALIA THE jetty SPECIALIST PHONE(07) 5492 5925			SURVEY DATA		CLIENT: A JACKSON LOT 14 (33B) HARBOUR RD, HAMILTON		TITLE: SITE PLAN & WATER ALLOCATION				
C	REVISED PONTOON WIDTH TO 4m WAS 3.5m	TDB	24/02/22	SB	CHECKED: 	RPEQ: 6807	DATE: 07.03.2022	AS 1100	DATUM		PROJECT: PROPOSED PONTOON'S & CATWALK	DATE: 26/05/2021	UNITS: MM	SCALE: 1:500	SHEET: 1	A3	DRAWN: TDB	CHECKED:	APPRD:	DRG No: JSP-SJ-33810	REV: C
B	REPOSITIONED PONTOON 3.4m SEAWARD	TDB	19/10/21	SB					HORIZ. GRID												
REV	DESCRIPTION	BY	DATE	APPD					HEIGHT ORIGIN	AHD DERRIVED											

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PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2022/1291

Date: 30 August 2022



Queensland
Government

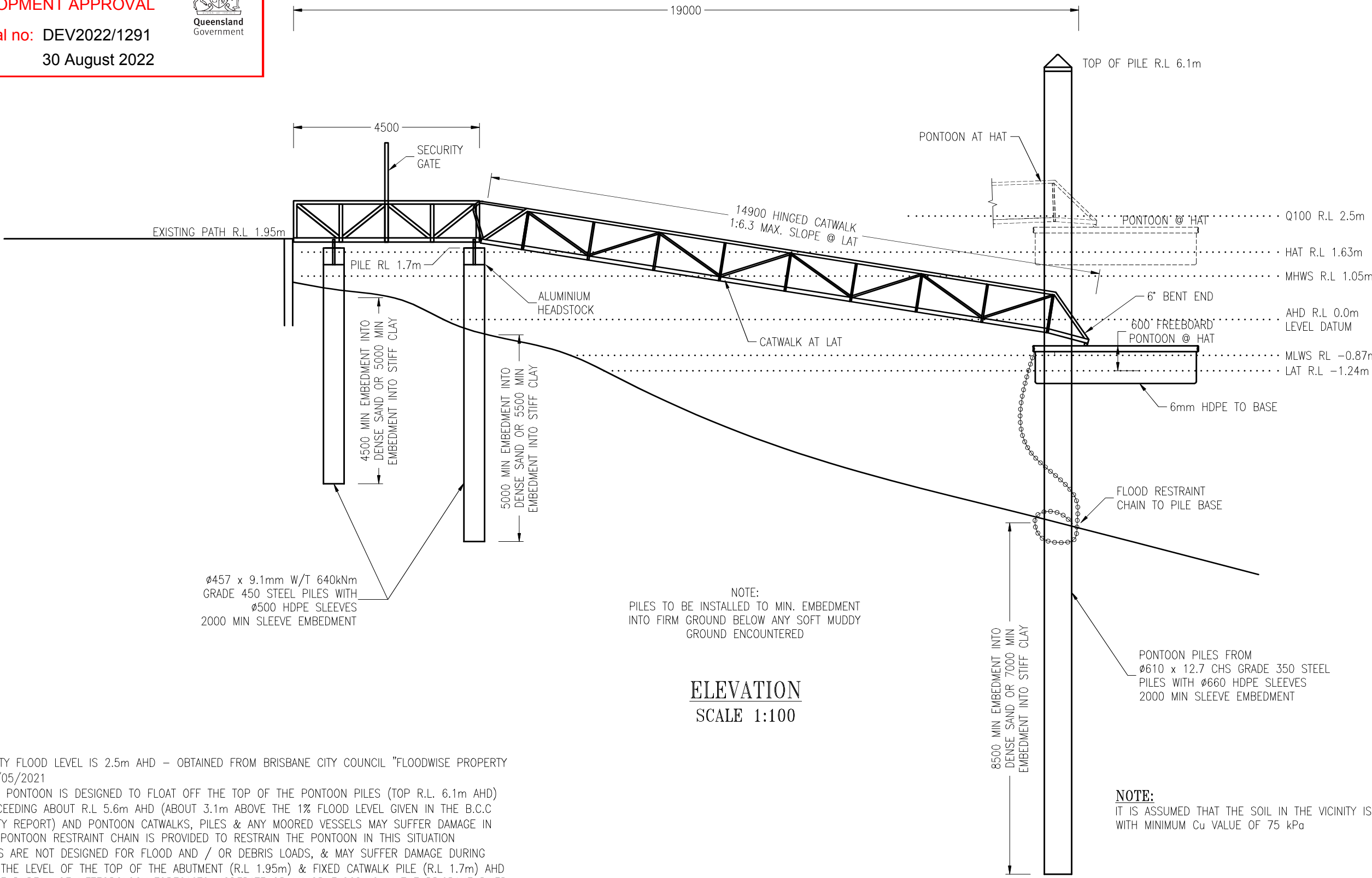
					ProjexPartners PROJECT MANAGEMENT ENGINEERING PLANNING CHECKED:  RPEQ: 6807 DATE: 14/07/2022		THE MARINA SPECIALIST TRADING AS ACN 010633119 18 RON PARKINSON CRES CORBOUND PARK QLD 4551 AUSTRALIA PHONE(07) 5492 5925 THE Jetty SPECIALIST		SURVEY DATA DATUM HORIZ. GRID HEIGHT ORIGIN SURVEY BOOKS AHD DERRIVED AS 1100		CLIENT: A JACKSON LOT 14 (33B) HARBOUR RD, HAMILTON PROJECT: PROPOSED PONTOON'S & CATWALK		TITLE: NAVIGATION PLAN (MANEUVERING OF THE 15.5m LENGTH VESSEL) DATE: 04/04/2022 UNITS: MM SCALE: 1:200 DRAWN: TDB CHECKED: APPRD: SHEET: 7 A3 DRG No: JSP-SJ-33816 REV: A			
REV	DESCRIPTION	BY	DATE	APPD												

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FLOOD NOTES:

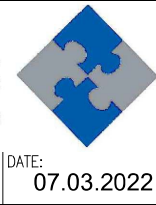
- 1% PROBABILITY FLOOD LEVEL IS 2.5m AHD – OBTAINED FROM BRISBANE CITY COUNCIL "FLOODWISE PROPERTY REPORT" DATED 26/05/2021
- THE FLOATING PONTON IS DESIGNED TO FLOAT OFF THE TOP OF THE PONTON PILES (TOP R.L. 6.1m AHD) DURING FLOODS EXCEEDING ABOUT R.L. 5.6m AHD (ABOUT 3.1m ABOVE THE 1% FLOOD LEVEL GIVEN IN THE B.C.C FLOODWISE PROPERTY REPORT) AND PONTON CATWALKS, PILES & ANY MOORED VESSELS MAY SUFFER DAMAGE IN SUCH EVENTS. THE PONTON RESTRAINT CHAIN IS PROVIDED TO RESTRAIN THE PONTON IN THIS SITUATION
- THE CATWALKS ARE NOT DESIGNED FOR FLOOD AND / OR DEBRIS LOADS, & MAY SUFFER DAMAGE DURING FLOODS EXCEEDING THE LEVEL OF THE TOP OF THE ABUTMENT (R.L. 1.95m) & FIXED CATWALK PILE (R.L. 1.7m) AHD
- WHENEVER THE BUREAU OF METEOROLOGY FORECASTS MODERATE OR MAJOR FLOODING IN THE BRISBANE RIVER, VESSELS SHOULD BE REMOVED FROM THE PONTON

NOTE:

IT IS ASSUMED THAT THE SOIL IN THE VICINITY IS STIFF CLAY WITH MINIMUM C_u VALUE OF 75 kPa

REV	DESCRIPTION	BY	DATE	APPD
D	REVISED PONTON WIDTH TO 4m WAS 3.5m	TDB	24/01/22	SB
C	CATWALK NOW 15.4m LONG WAS 12m	TDB	19/10/21	SB
B	REVISED PONTON PILE EMBEWMNT/INFO	TDB	06/08/21	SB

ProjexPartners
PROJECT MANAGEMENT ENGINEERING PLANNING
CHECKED:
RPEQ: 6807
DATE: 07.03.2022



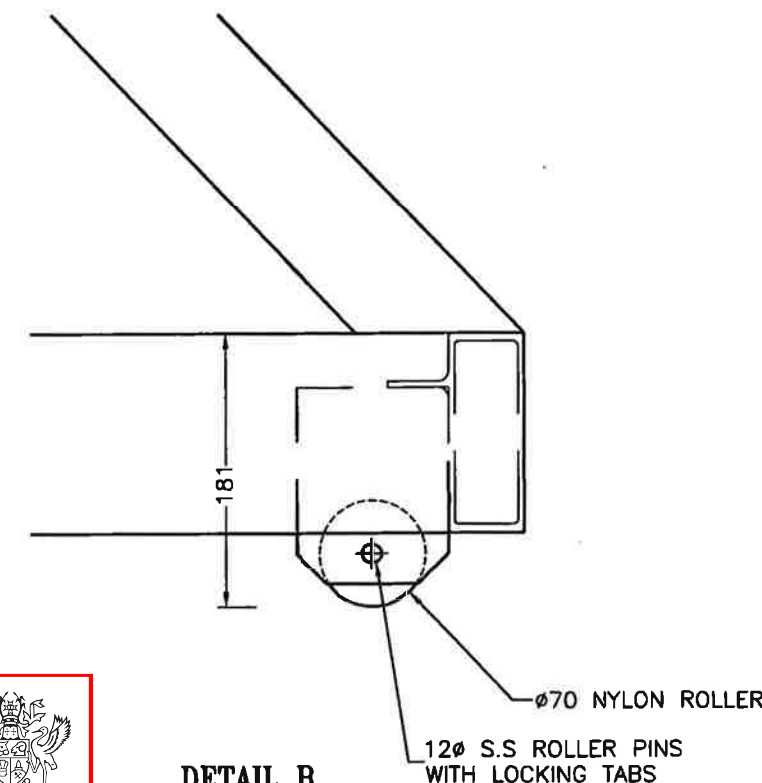
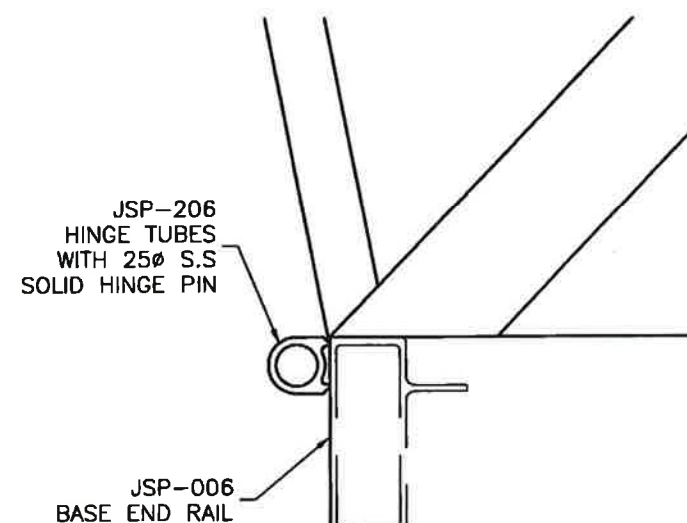
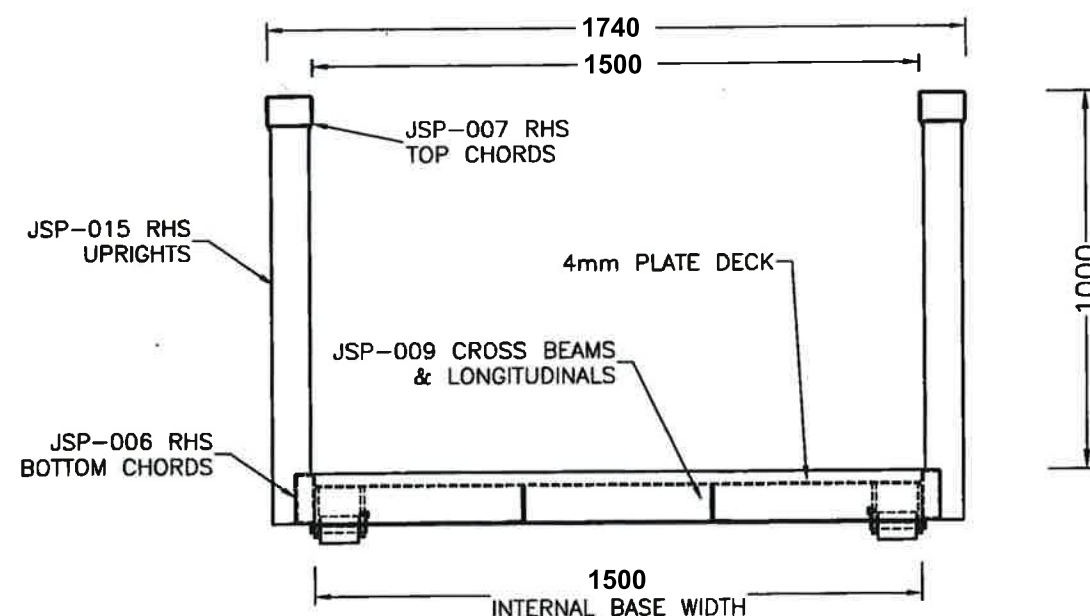
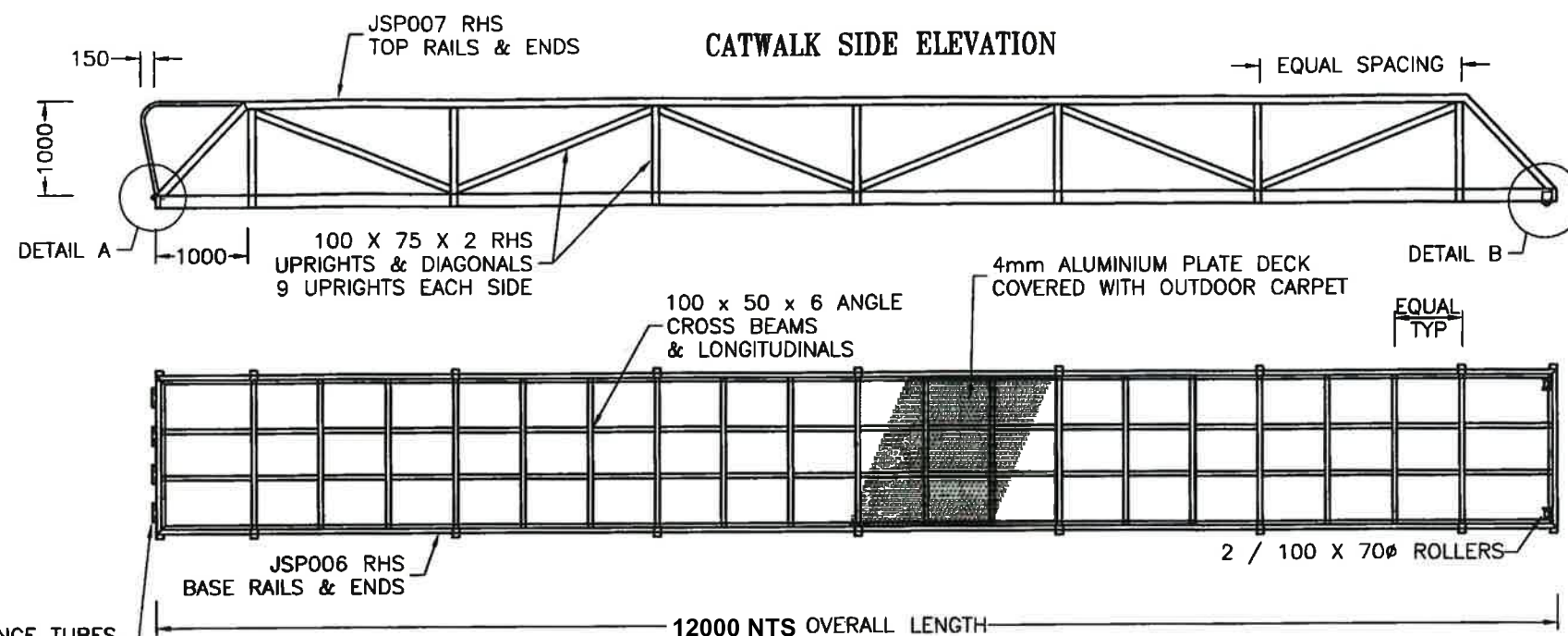
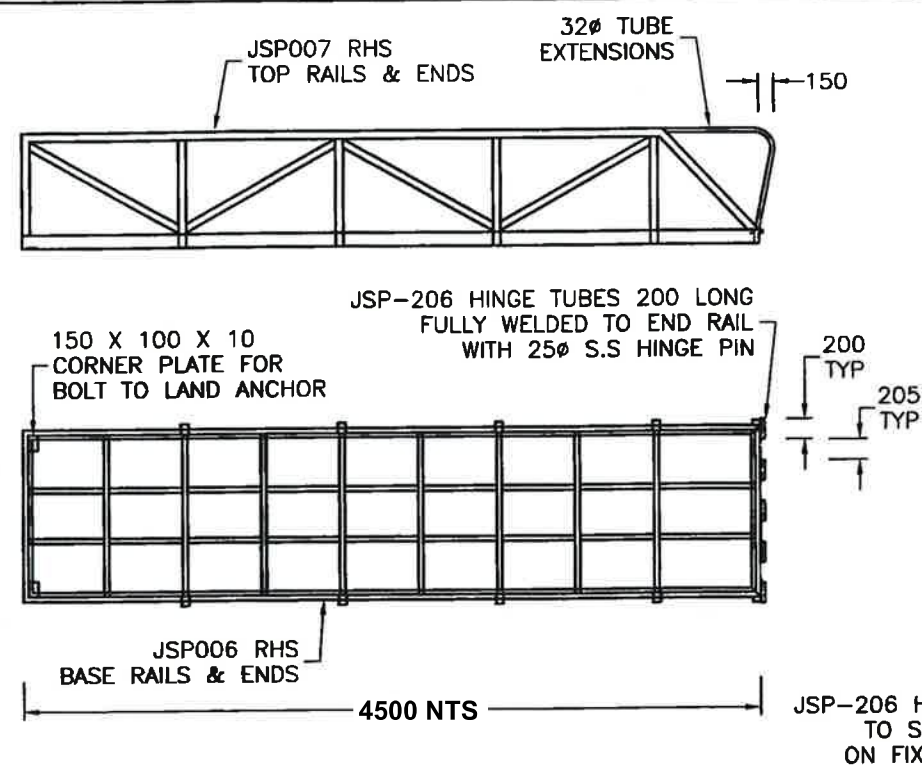
THE MARINA SPECIALIST
TRADING AS ACN 010633119
18 RON PARKINSON CRES CORBOUND PARK QLD 4551 AUSTRALIA
PHONE(07) 5492 5925

SURVEY DATA	
DATUM	
HORIZ. GRID	
HEIGHT ORIGIN	AHD DERRIVED
SURVEY BOOKS	

CLIENT: A JACKSON LOT 14 (33B) HARBOUR RD, HAMILTON
PROJECT: PROPOSED PONTON'S & CATWALK

TITLE: ELEVATION				
DATE: 26/05/2021	UNITS: MM	SCALE: 1:100	SHEET: 3	A3
DRAWN: TDB	CHECKED: TDB	APPRD: JSP-SJ-33812	DRG No:	REV: D

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END VIEW
SCALE 1:20

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

Approval no: DEV2022/1291
Date: 30 August 2022



REV	DATE	AMENDMENT	REQD

THE MARINA SPECIALIST
TRADING AS
ACN 010633119
2 INDUSTRIAL AVE
CALOUNDRA
QLD. AUSTRALIA 4551
PHONE (07)5492 5925
FAX (07) 5492 6699

THE JETTY SPECIALIST

Cardno ABN: 57 051 074 992
Ullman Nolan
Level 11, North Tower 515 St Pauls Tce,
Fortitude Valley, Qld 4006
Locked Bag 4006, Fortitude Valley Qld 4006.
Ph (07) 3100 2199
Fax (07) 3369 9722
Email: cardno@cardno.com.au

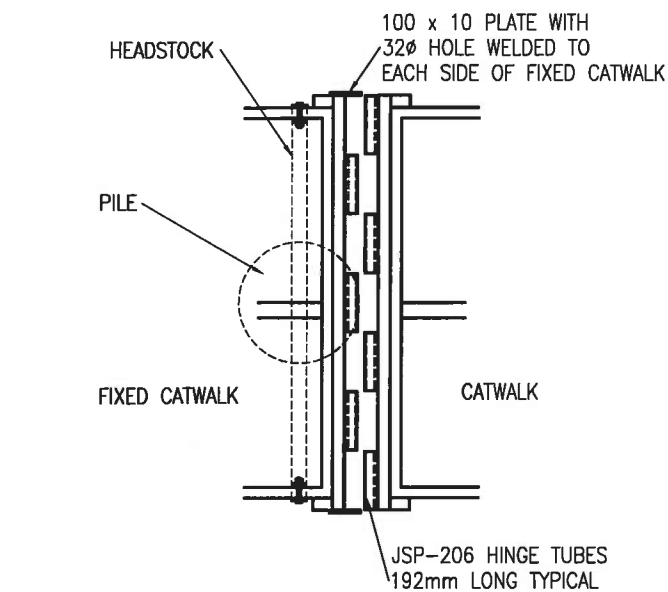
CHECKED: *[Signature]* R.P.E.Q. 1667 DATE: 24-2-14

CLIENT: A JACKSON LOT 14 (33B) HARBOUR RD HAMILTON		TITLE: CATWALK CONSTRUCTION	
PROJECT: PROPOSED PONTOON & CATWALK	SCALE: NTS	DATE: 13/2/14	DRAWING NO: JSP-SJ-26493
DRAWN M.A.	CHECKED <i>[Signature]</i>	DIMENSIONS MILLIMETERS	ISSUE A
			A3

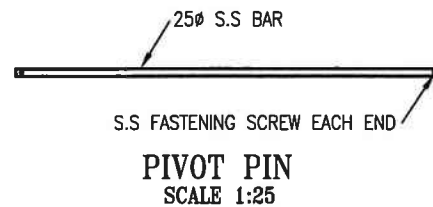
PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL



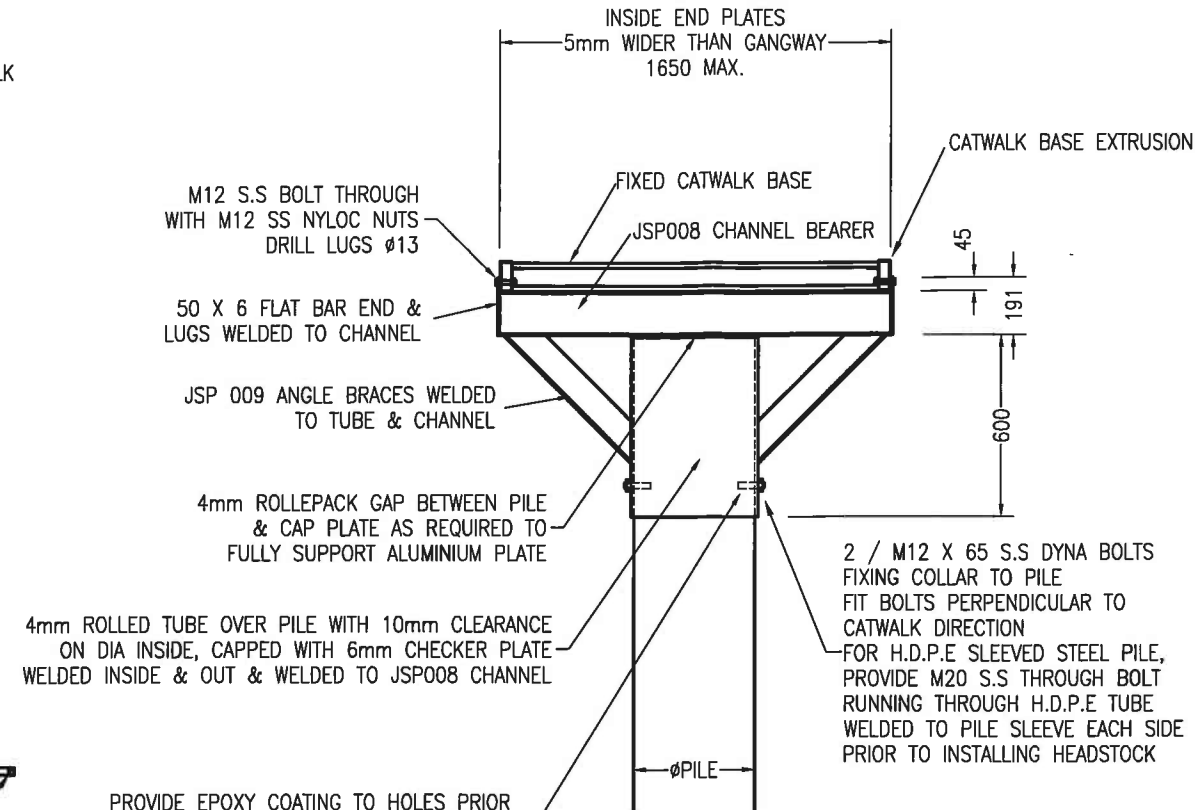
Approval no: DEV2022/1291
Date: 30 August 2022



PIANO HINGE
PLAN VIEW
SCALE 1:25



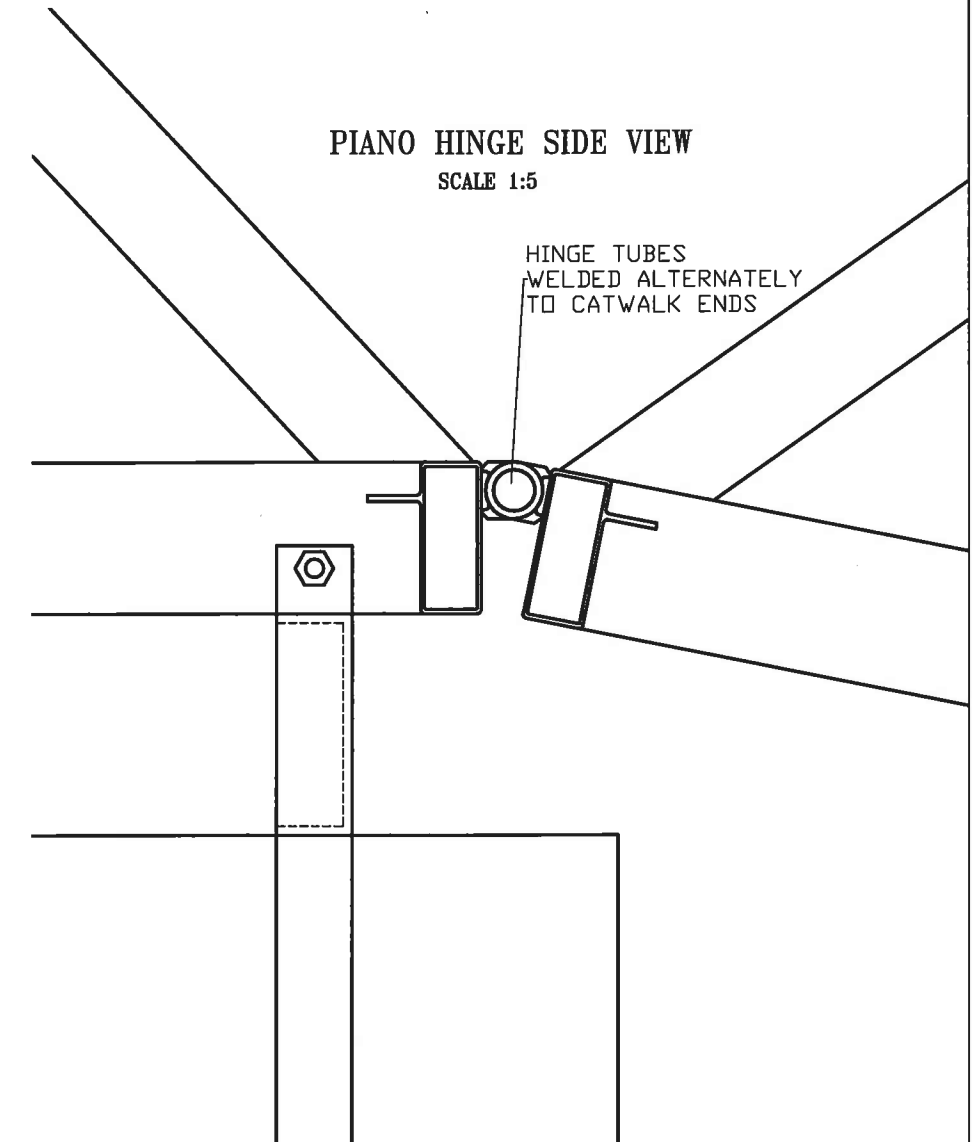
PIVOT PIN
SCALE 1:25



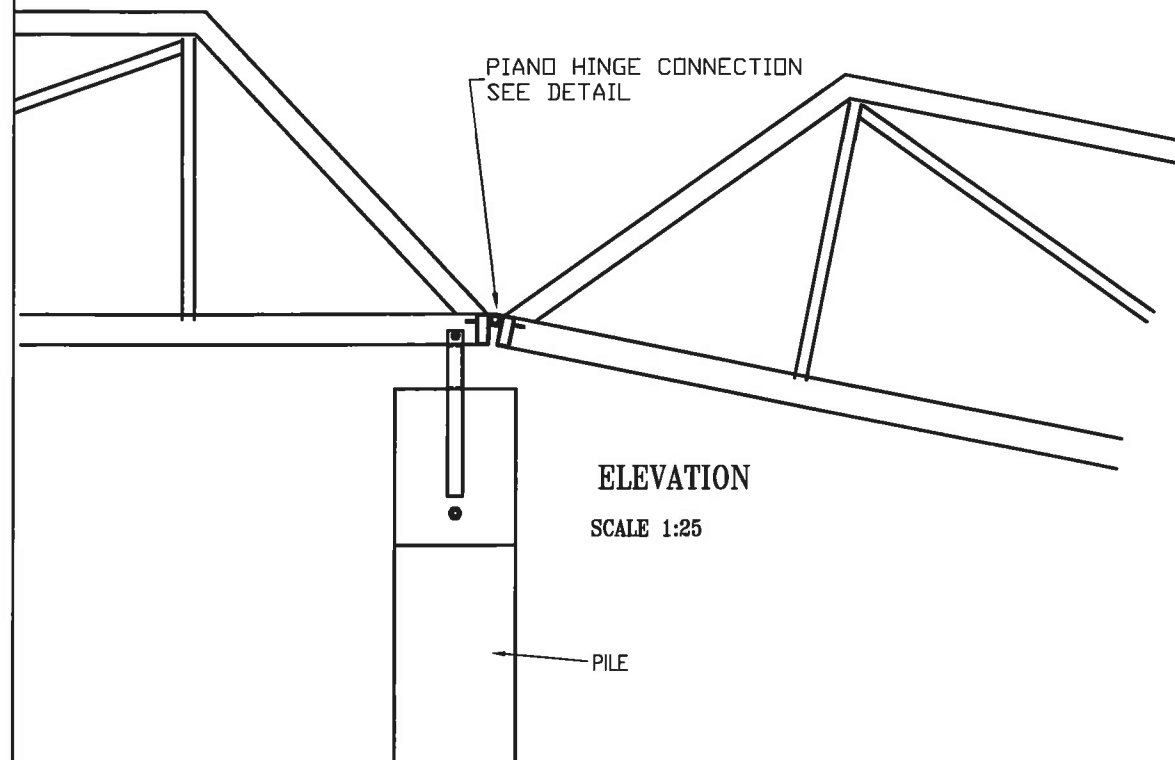
END VIEW
HEADSTOCK DETAIL
SCALE 1:25

PROVIDE EPOXY COATING TO HOLES PRIOR TO DYNA BOLT INSTALLATION TO MAINTAIN CORROSION PROTECTION TO PILE REINFORCING

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PIANO HINGE SIDE VIEW
SCALE 1:5



ELEVATION
SCALE 1:25

NOTES:
ALL ALUMINIUM WORK TO COMPLY WITH AS1664.
ALL BUTT WELDS TO BE FULL PENETRATION.
ALUMINIUM TO BE GRADE 6351-T5.
ALL BOLTS & FITTINGS TO BE 304 OR 316 STAINLESS STEEL.

REV	DATE	AMENDMENT	REQD
E	6/10/10	DYNA BOLTS REPLACE THROUGH BOLT	JSP
D	20/2/07	CHANGE CATWALK EXTRUSIONS	JSP
C	11/3/03	AMEND TO NEW CATWALK EXTRUSION	W/SHOP
B	16/9/02	AMEND HEADSTOCK DETAILS	W/SHOP

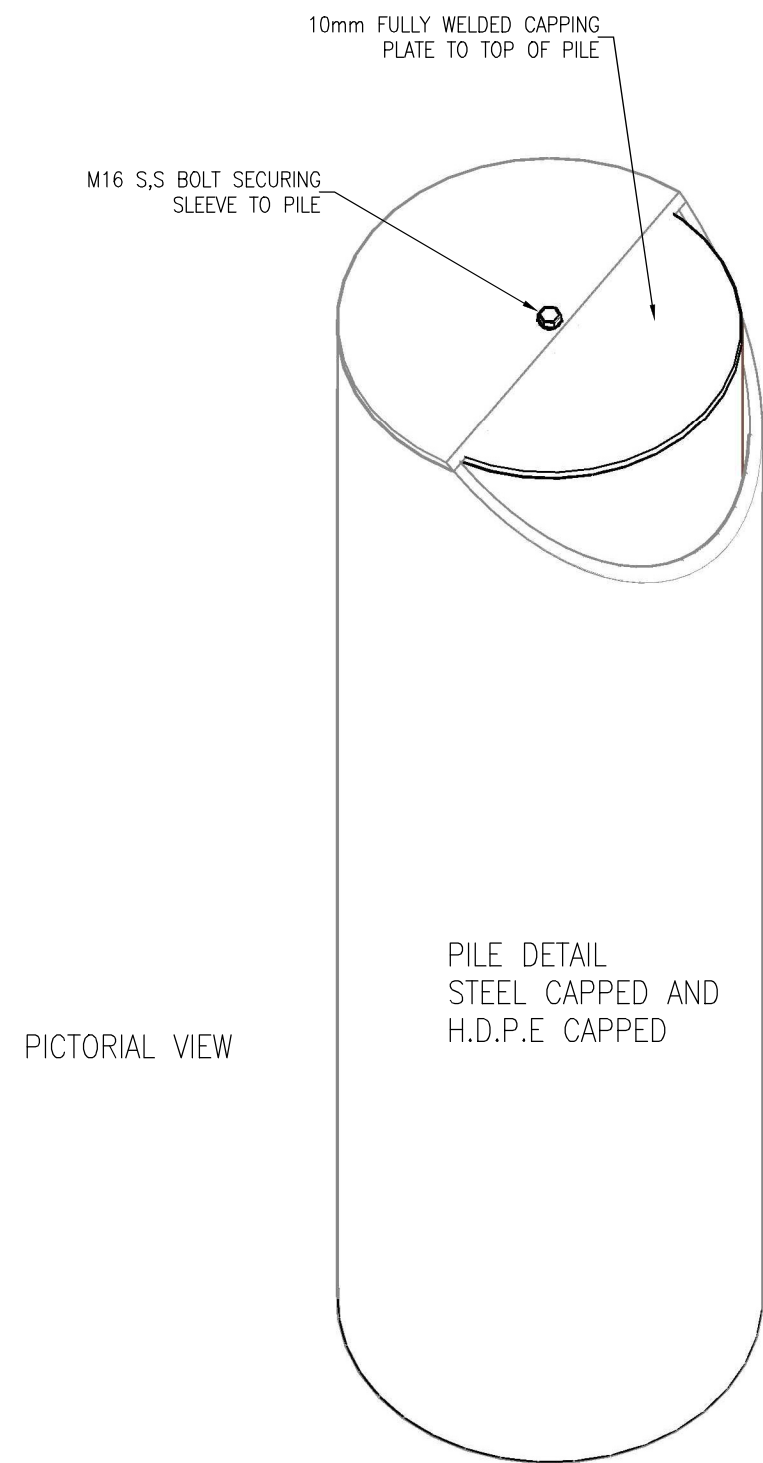
THE MARINA SPECIALIST
TRADING AS ACN 010633119
2 INDUSTRIAL AVE
CALOUNDRA
QLD. AUSTRALIA 4551
PHONE (07)5492 5925
FAX (07).5492 6699

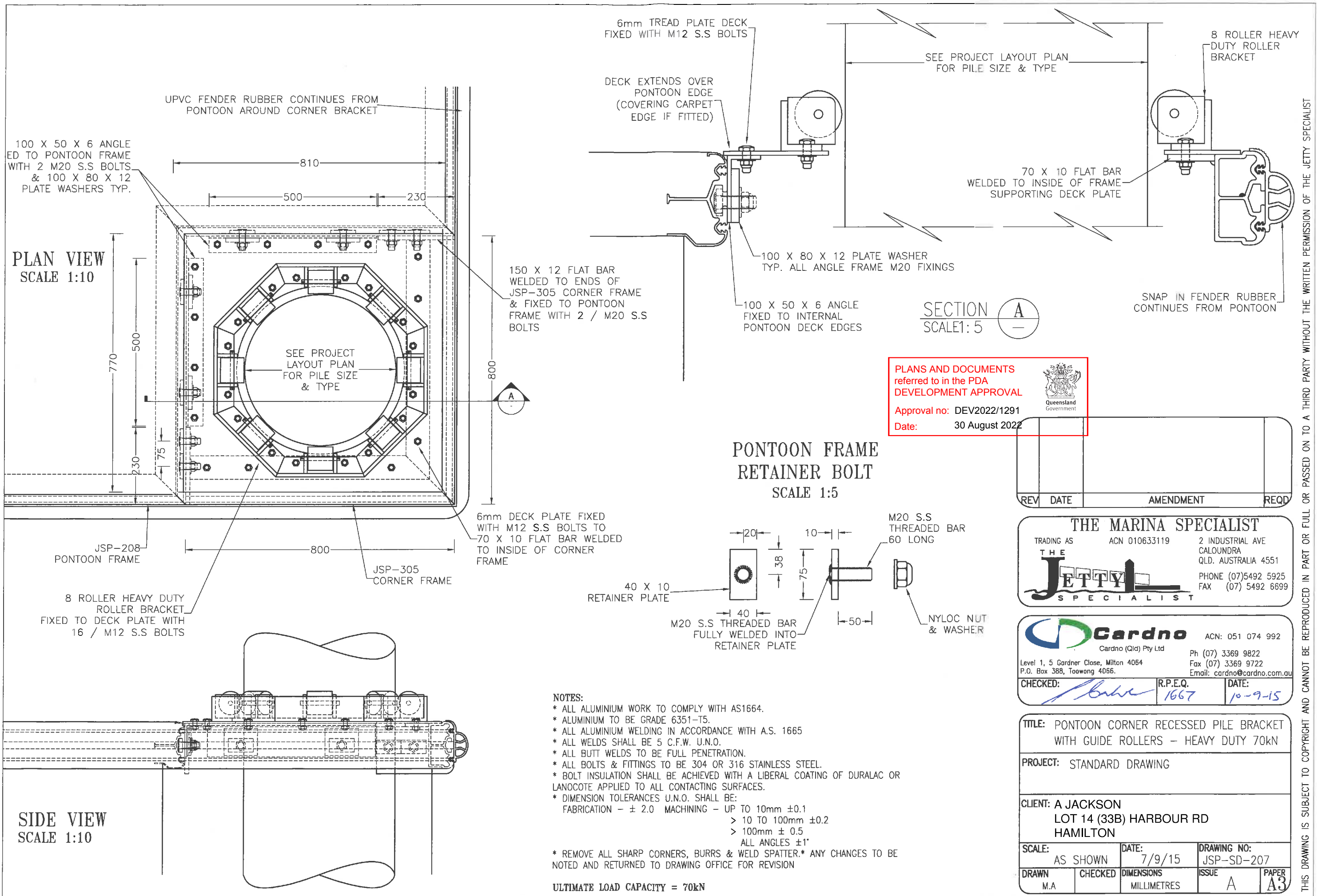
THE JETTY SPECIALIST

Cardno ACN: 051 074 992
Cardno (Qld) Pty Ltd
Level 1, 5 Gardner Close, Milton 4064
P.O. Box 388, Toowong 4066.
Ph (07) 3369 9822
Fax (07) 3369 9722
Email: cardno@cardno.com.au

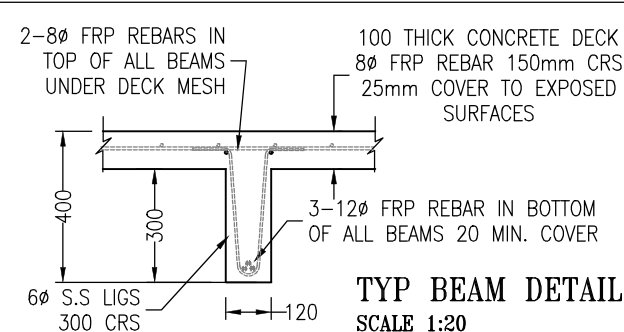
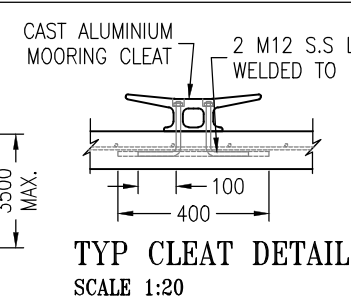
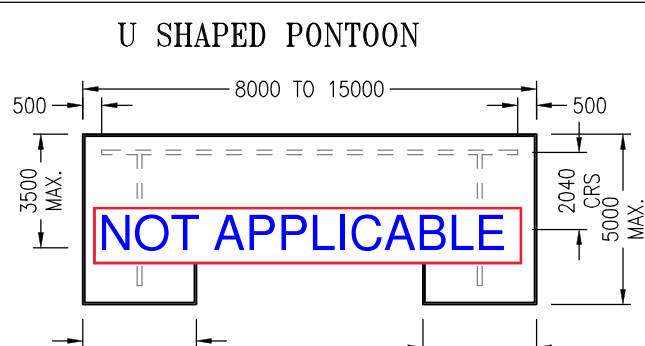
CHECKED: *[Signature]* R.P.E.Q. DATE: 17.11.10

CLIENT: A JACKSON LOT 14 (33B) HARBOUR RD HAMILTON		TITLE: HEADSTOCK & CATWALK CONNECTION	
PROJECT: STANDARD DRAWING		SCALE: AS SHOWN	DATE: 25/7/01
DRAWN MA	CHECKED	DIMENSIONS MILLIMETERS	DRAWING NO: JSP-SD-040
			ISSUE E
			A3

[illegible]

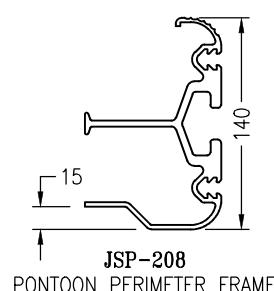


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NOTE:
BEAMS NOT REQUIRED FOR PONTOONS
LESS THAN 8000 IN LENGTH

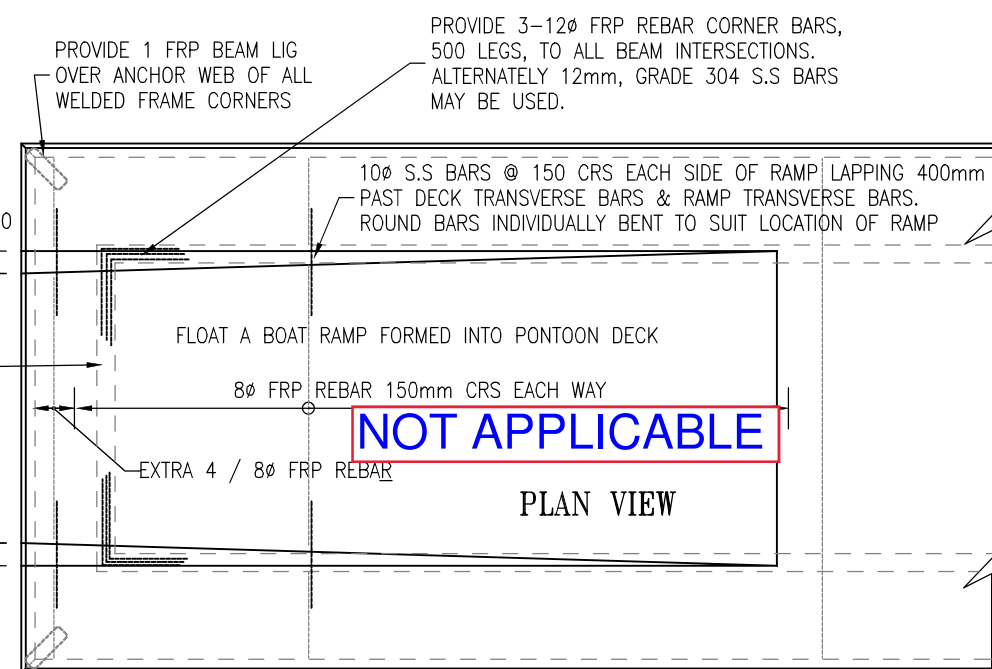
SEE SITE & LAYOUT PLAN FOR RELEVANT PILING POSITIONS, PONTOON DESIGN & ORIENTATION
SEE PILE BRACKET DRAWING FOR PILE BRACKET TO PONTOON CONNECTION DETAILS



MAX DRY STORED BOAT DISPLACEMENTS		
PONTOON LENGTH	PONTOON WIDTH 3.5m – 4.5m	PONTOON WIDTH 3m MINIMUM
15m	3.5t	2.9t
14m	3.25t	2.75t
12m	3.0t	2.5t
10m	2.75t	2.3t
9m	2.4t	2.1t
8m	2.0t	1.8t
7m	1.8t	1.5t
6m	1.5t	1.3t
5m	1.0t	0.9t

PLANS AND DOCUMENTS
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Approval no: DEV2022/1291
Date: 30 August 2022



NOTES:

All concrete work to comply with AS3600. All concrete to be grade N50 (50MPa).
 Cover to reinforcement to exposed surfaces to be 25mm minimum.
 Reinforcing to be minimum of 8mm FRP bars at 150mm centres in each
 direction U.N.O. All 8 ϕ bar laps to be 320mm. All 12 ϕ bar laps to be 480mm.

All aluminium work to comply with AS1664. All welds to be 5mm CFW.
All butt welds to be full penetration. Aluminium to be grade 6351-T5.
Surface of aluminium in contact with concrete to be coated with zinc chromate primer or equivalent.
Fabrication tolerance ± 5 mm.
All bolts and fittings to be 316 stainless steel.

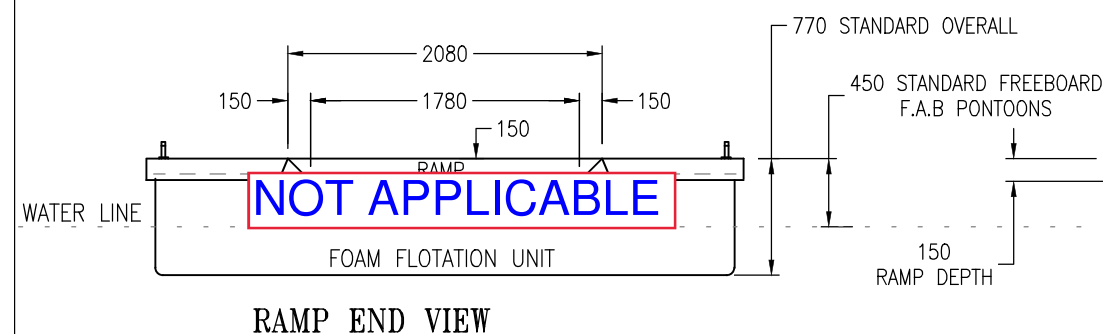
Flotation to comprise of grade SL expanded polystyrene foam with approved protective coating. The approved protective coating for the pontoon will form an impervious barrier to water & marine organisms; and is suitable for the marine environment.

Pontoons with Float-A-Boat ramps to have dry stored boat fully winched onto pontoon with 1m clear at rear.

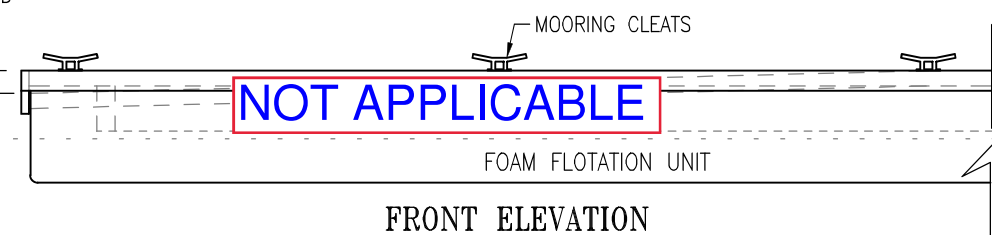
This pontoon facility has been designed to comply with all relevant Australian Standards. The pontoon will be stable at all times. The pontoon has been designed so that when the specified stability live load is distributed over half the width of the pontoon and over the walkway; there is not less than 75mm of reserve freeboard; the bottom corner of the pontoon does not emerge from the water, and the angle of tilt will not exceed 15°.

MAXIMUM DESIGN LIVE DECK LOADING: 3.0 kPa. (Structural & floatation)
1.5 kPa (Stability unrestricted access)
2.0 kPa (Stability restricted access)

PONTOONS SUITABLE FOR PROTECTED SITES ONLY.
 MAXIMUM WAVE HEIGHT: 300mm.
 BOAT WAKE: 500mm.
 MAXIMUM WIND VELOCITY: 41 m/s.



FLOAT A BOAT RAMP OPTION
SCALE 1:50



D	ISSUED FOR EDGE ENGINEERS	MA	9/9/20	TC
C	BAR SPACING REDUCED TO 150 CRS		17/1/17	
B	BAR DETAILS ALTERED IN RAMP DETAIL		21/11/16	
RFV	DESCRIPTION	RY	DATE	APPL

EDGE
CONSULTING
ENGINEERS
ARN 66 089 907 085

Crichton EDGE Consulting Engineers
1st Floor, 28 Balaclava St
Woollongabba, QLD 4102
Mob +61 447 950 427
engineering@edgectonedge.com

CHECKED: 	RPEQ: 5496	DATE: 17/09/2020
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THE MARINA SPECIALIST
TRADING AS ACN 010633119 18 RON PARKINSON CRES
CORBOUND PARK
QLD 4551 AUSTRALIA
PHONE(07) 5492 5925

CLIENT: A JACKSON
LOT 14 (33B) HARBOUR RD
HAMILTON

PROJECT: STANDARD DRAWING

TITLE:	FRP REINFORCED PONTOON CONSTRUCTION STANDARD FLAT DECK AND FLOAT A BOAT PONTOONS
--------	---

DATE: 28/7/16	UNITS mm	SCALE: AS SHOWN	SHEET: 1	A3
DRAWN: M.A	CHECKED:	APPRD:	DRG No: JSP-SD-212	REV: D

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