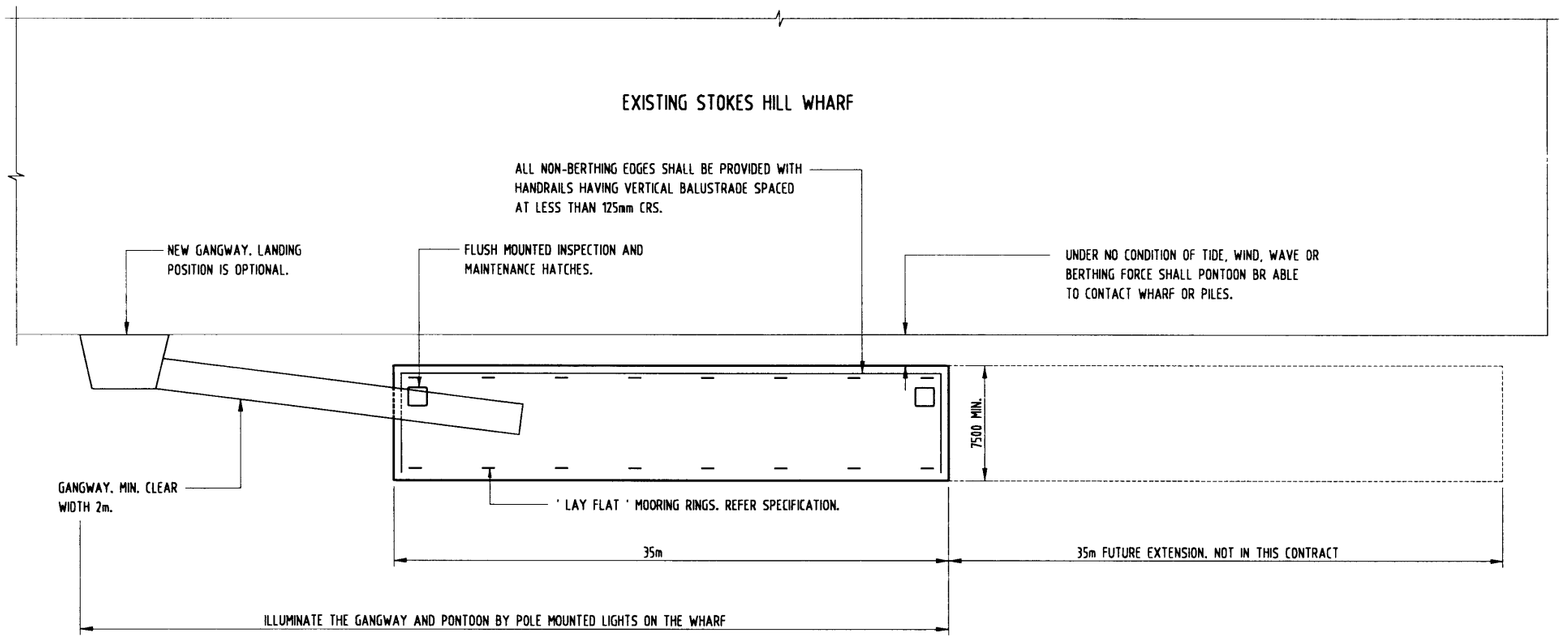
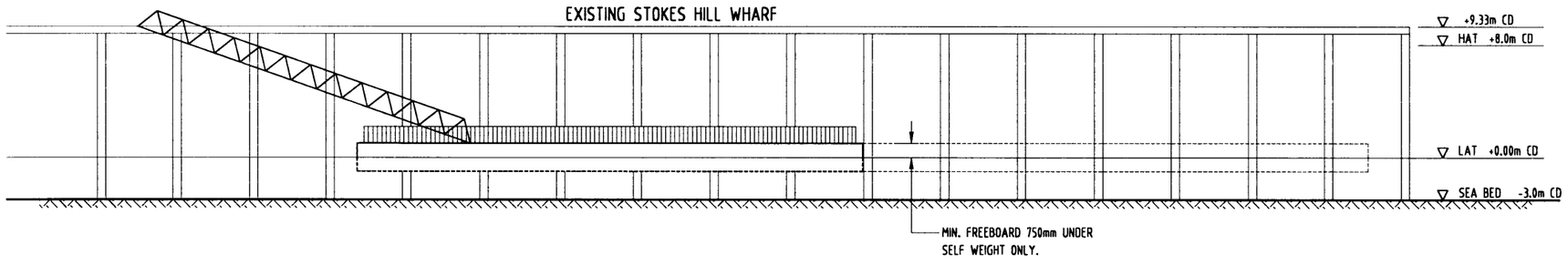


PLAN
SCALE 1:200



ELEVATION
SCALE 1:200

NOTES:-

1.0 ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.

2.0 ALL LEVELS ARE IN METRES CHART DATUM.

3.0 CONCRETE:-
- ALL CONCRETE TO BE S45.
- COVER TO REINFORCEMENT TO BE 50mm MIN.
- ALL REINFORCEMENT TO BE HOT DIPPED GALVANISED.

4.0 DESIGN VESSEL
- POWER VESSEL
- L.O.A. = 25m
- DISPLACEMENT = 150t

4.1 WIND
- ALL WIND LOADS TO CONFORM WITH A.S.1170.1 AND A.S.3962
- BASIC WIND SPEEDS
Vs = 45m/s
Vu = 70m/s

4.2 WAVE CLIMATE
- DESIGN WAVE FROM SE.
H_1 = 1.5m Tp = 4 sec.
DIRECTION - (75° APPROX. TO PONTOON LONG AXIS)
- BOAT WAKE
H_1 = 0.5m Tp = 2.5 sec.
DIRECTION - MAY APPROACH THE PONTOON FROM ANY DIRECTION.

4.3 LIVE LOADS
- ALL LOADS TO CONFORM WITH A.S.3962 U.N.O.
- PONTOON
  - U.D.L. LIVE LOAD - 3kPa.
  - CONCENTRATED LIVE LOAD - 4.5kN.
  - FREEBOARD UNDER DL. 750mm
- GANGWAY
  - U.D.L. LIVE LOAD - 4kPa.
  - CONCENTRATED LIVE LOAD - 4.5kN.
  - MAX. GRADE AT LAT 12°.

5.0 MATERIALS
ALL EXPOSED METAL COMPONENTS AND STRUCTURE SHALL BE EITHER MARINE GRADE ALUMINIUM OR GRADE 316 STAINLESS STEEL. TIMBER IS NOT TO BE USED FOR DECKING FENDERS. DECKING SHALL NOT HAVE GAPS GREATER THAN 12mm WIDE.

6.0 MAKE PROVISION FOR ADDITIONAL PONTOON AT A FUTURE DATE.

No	DESCRIPTION	DATE	INIT
AMENDMENTS			

DRAWN S.H.W. DATE FEB. 2000
CHECKED DATE
DESIGNED - DATE -
PROJECT OFFICER DATE
SUPERVISING ENG/ARCH DATE

NORTHERN TERRITORY OF AUSTRALIA
DEPARTMENT OF TRANSPORT AND WORKS
CONSTRUCTION AGENCY
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DARWIN
STOKES HILL WHARF
TOURIST VESSEL PONTOON

PLAN AND ELEVATION

FILE No	SHEET No	DRAWING NUMBER	AMEND	SHEET SIZE
P0001350	2 OF 2	B00-1416	-	A1

E:\jtO\Microstation drawings\Std-GUARDRAILS\PONTOON_1.dwg Mon Feb 07 15:47:29 2000