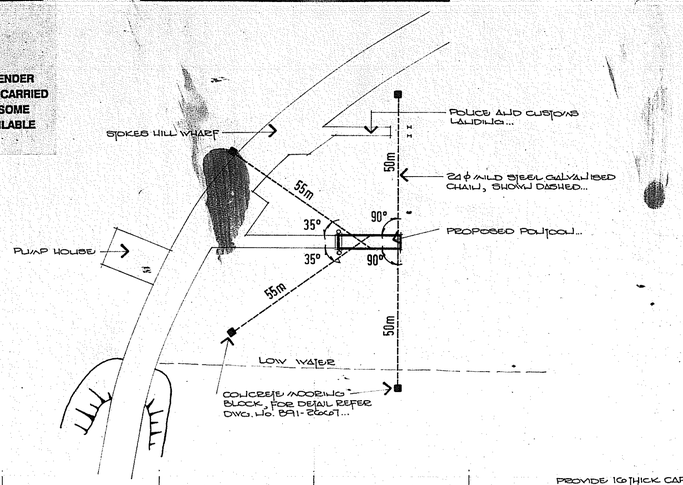
PILING SCHEDULE

PILE No.	SECTION TYPE	CUT-OFF LEVEL	FOUNDATION LEVEL	LENGTH OF PILES
P1	600 Dia. x 16 Thick	RL +1.500	RL - 15.000	26.500
P2	600 Dia. x 16 Thick	RL +1.500	RL - 15.000	26.500
P3	310 UC 137	RL +1.500	RL - 15.000	26.500
P4	310 UC 137	RL +1.500	RL - 15.000	26.500

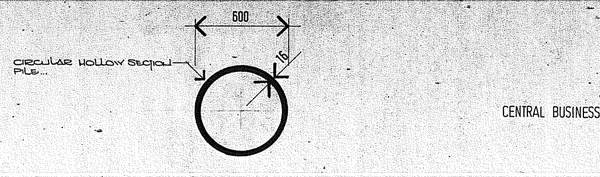
DESIGN SAFE WORKING LOAD (kN)...			
PILE No.	MEMBER	GRADE	LOAD
P1	600 Dia. x 16 mm	350	1450
P2	600 Dia. x 16 mm	350	1450
P3	310 UC 137	250	280
P4	310 UC 137	250	280

a) LEVELS GIVEN ARE TO ADMIRALTY CHART DATUM (ACD).

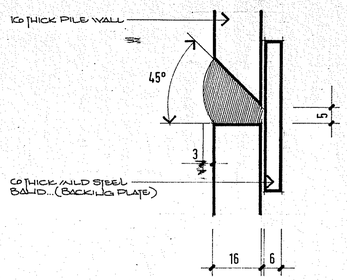
b) FOUNDING LEVELS AND PILE LENGTHS ARE ESTIMATES FOR TENDER PURPOSES ONLY. NO GEOLOGICAL INVESTIGATION HAS BEEN CARRIED OUT AT THIS SITE. GEOLOGICAL INVESTIGATION REPORTS OF SOME AREAS ON KITCHENER DRIVE AND FORT HILL WHARF ARE AVAILABLE FOR INSPECTION UPON REQUEST BY THE CONTRACTOR.



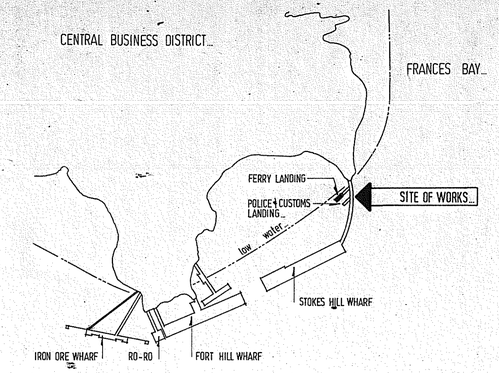
MOORING BLOCK LOCATION PLAN ... NTS...



TYPICAL SECTION ... 1:20...

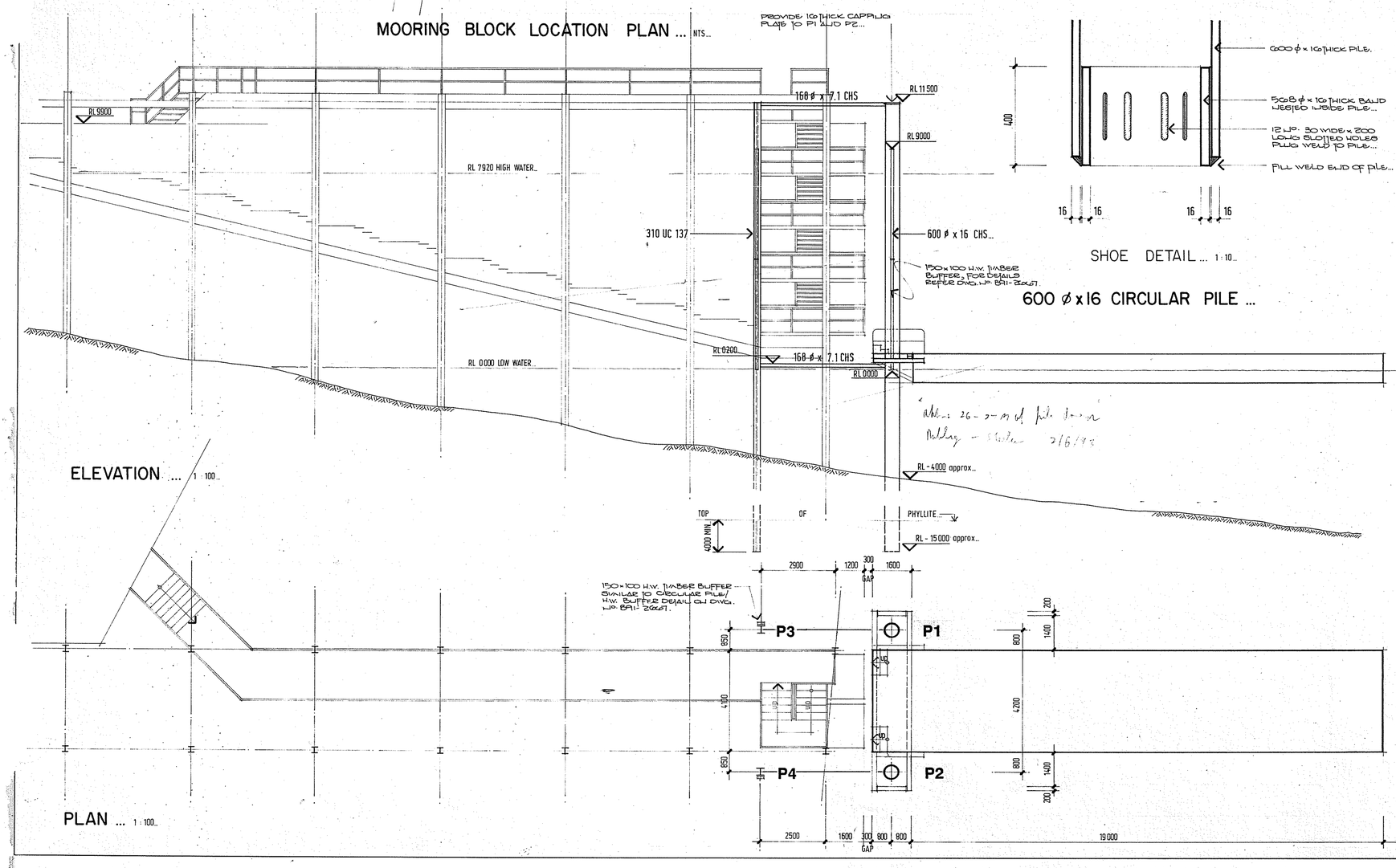


SPLICE DETAIL ... 1:1...



PORT OF DARWIN...

LOCALITY PLAN ...

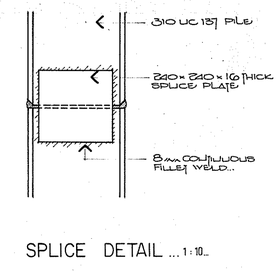


ELEVATION ... 1:100...

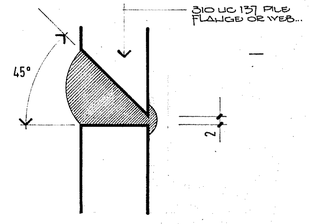
PLAN ... 1:100...

SHOE DETAIL ... 1:10...

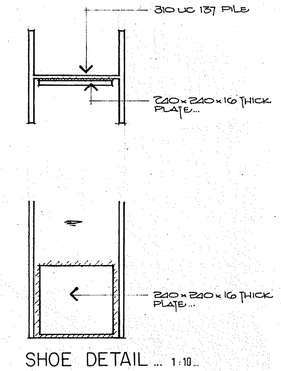
600 ϕ x 16 CIRCULAR PILE ...



SPLICE DETAIL ... 1:10...



WELD DETAIL AT SPLICE 1:1...



SHOE DETAIL ... 1:10...

310 UC 137 PILE ...

NOTES

1. FABRICATION AND ERECTION SHALL CONFORM TO A S [illegible]

2. STEEL FOR [illegible] PILES SHALL HAVE A MINIMUM YIELD STRESS OF 250 MPA AS PER A S 4100. STEEL FOR [illegible] PILES SHALL HAVE A MINIMUM YIELD STRESS OF 350 MPA.

3. ALL WELDS SHALL BE 8 MM CONTINUOUS FILLET WELD UNLESS NOTED OTHERWISE.

4. AREAS AFFECTED BY SITE WELDING SHALL BE RE-PRIMED AS BEFORE.

5. PROTECTIVE COATINGS

PREPARATION

ABRASIVE GRIT BLASTING TO CLASS 3.0 IN ACCORDANCE WITH A S 1627 PART 4.

PRIMER

TWO COATS OF "AMERLOCK 400" OR EQUILAVENT APPROVED PRIMER TO 400 MICROMETRES MINIMUM DRY FILM THICKNESS.

6. PENETRATION:

PILES SHALL BE DRIVEN TO PENETRATIONS AND SETS AS DIRECTED BY THE SUPERINTENDENT. SET SHALL BE MEASURED AS THE AVERAGE PENETRATION OVER THE LAST TEN BLOWS.

THE MINIMUM DEPTH OF PENETRATION INTO PHYLLITE BY THE PILES IS TO BE 4M

THE DEPTH TO WHICH PILES SHALL BE DRIVEN SHALL BE DETERMINED BY THE APPLICATION OF AN APPROVED FORM OF THE HILEY FORMULA. PILES SHALL BE DRIVEN UNTIL SETS ARE OBTAINED WHICH, WHEN SUBSTITUTED IN THE HILEY FORMULA, WILL GIVE PILE CAPACITIES NOT LESS THAN TWO AND ONE HALF (2.5) TIMES THE MAXIMUM PILE COMPRESSIVE WORKING LOAD LISTED ON THE DRAWINGS. VALUES OF THE TEMPORARY PILE SET FOR USE IN THE HILEY FORMULA SHALL BE DETERMINED BY MEASUREMENT ON THE PILES WHILE THEY ARE BEING DRIVEN.

7. LEVELS GIVEN ARE TO ADMIRALTY CHART DATUM. (ACD).

FABRICATION, DRIVING AND PROTECTIVE COATING OF PILES P1 TO P4 WILL BE INCLUDED IN THE PILING CONTRACT.

BRACING AND TIMBER BUFFERS TO PILES AND PROVIDING CONCRETE MOORING BLOCKS ARE INCLUDED IN THE STAIRCASE AND PLATFORM CONTRACT.

No.	DESCRIPTION	DATE	INIT.
A	RE-ISSUED WITH COMPLETE SET.	9/12/91	[illegible]

AMENDMENTS

NORTHERN TERRITORY OF AUSTRALIA

DEPARTMENT OF TRANSPORT AND WORKS

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PILING FOR PROPOSED PONTOON AT FERRY LANDING STOKES HILL WHARF...

PROJECT OFFICER	APPROVED
	/ /

DRAWN	DESIGNED	CHECKED
lucio...	sa...	ton...

SCALE	CAD No.	SHEET
as shown...		1 of 5

DRAWING No.	AMEND.
B91 - 2666	A