

Construction Certificate Determination

issued under the Environmental
Planning and Assessment Act 1979
Section 109C (1) (b), 81A (2) and 81A (4)

Certificate No. 2005/698**Council**

Pittwater

Determination

date of determination

Approved

24 June 2005

Subject land

Address

205 Riverview Road, Avalon

Lot No, DP No.

Lot 4 DP 18667

Applicant

Name

Mr P & Mrs L Hansman

Address

c/- PO Box 837, Avalon NSW 2107

Contact No. (phone)

0414 293 245

Owner

Name

Mr Peter & Mrs Lillian Hansman

Address

205 Riverview Road, Avalon NSW 2107

Contact No. (phone)

0414 293 245

Description of Development

Type of Work

New Jetty & Pontoon only

Builder or Owner/Builder

Name

Estuary Constructions Pty Ltd

Contractor Licence No/Permit

38361

Value of Work

Building

\$30,000.00

Attachments

1. Pittwater Council receipt no. 199319, dated 8 June 2005, for payment of Long Service Levy

**COUNCIL
COPY**

**Plans & Specification
approved**

List plans no(s) & specifications
Reference

1. Site Plan & Elevations, reference no. 22-117,
prepared by Souter & Associates, dated 22 April
2004
2. Structural Details, reference no. 22678-S1,
prepared and endorsed by Jack Hodgson
Consultants, dated 26 May 2005
3. Intertidal & Subtidal Protection Measures,
prepared by Estuary Constructions Pty Ltd, dated
9 June 2005

Certificate

I certify that the work if completed in accordance with these plans
and specifications will comply with the requirements of S81A(5) of
the Environmental Planning and Assessment Act 1979.

Signed



**Date of endorsement
Certificate No.**

24 JUN 2005
2005/698

Certifying Authority

Name of Accredited Certifier
Accreditation No.
Accreditation Authority

Tom Bowden
93
Dept of Infrastructure, Planning & Natural Resources
(NSW Accreditation Scheme)
(02) 9999 0003
13/90 Mona Vale Road, Mona Vale NSW 2103

Contact No.
Address

Development Consent

Development Application No.
Date of Determination

NO 884/04
7 March 2005 (modified 10 June 2005)

BCA Classification

10b

Privwater Courier

OFFICIAL RECEIPT

08/06/2008 Receipt No. 149118

To: MR HANSEN

205 RIVERVIEW RD
BAYLON

Applic	Reference	Amount
GL Re	Q1GL-Buil 205 RIVERVIEW RD	\$60.00

Total: \$60.00

Amounts Tendered

Cash	\$0.00
Check	\$50.00
Card	\$0.00
Money Order	\$0.00
Agency Fee	\$0.00
Total	\$50.00
Rounding	\$0.00
Change	\$0.00
Nett	\$60.00

Printed 08/06/2008 11:32:53

Cashier Plinda

ESTUARY CONSTRUCTIONS PTY. LTD.

24 Paradise Ave, Clareville NSW 2107 / PO Box 837, Avalon NSW 2107
Ph: 9973 3600 Fax: 9973 3700 Mobile 0414 293 245 Email: estuary@ozemail.com.au
On The Web At: www.estuary.com.au



9/6/2005

Insight Development Consultants Pty. Ltd.
Suite 13/90 Mona Vale Rd.
Mona Vale NSW 2103

Att: Tom Bowden

Dear Tom,

**Ref: Construction Certificate for a new jetty at 205 Riverview Rd.
Clareville**

Further to your fax dated 8/6/05 I provide as follows;

- B 10 Council have amended the requirement to reduce the jetty length to the 1.5m contour subsequent to Fisheries amended advice that they are happy for the jetty to be built as per the drawings. Fisheries and Councils advice attached.
- As the Boatshed and skid ramp have been deleted from the DA the jetty will terminate at the sea wall as indicated by the engineers drawing.
- The Tidal protection provisions are provided in the Construction Management Plan below. These provisions were drafted by Marine Pollution Research as a generic document for Estuary to satisfy this requirement. A history of this drafting is attached.
- The Notice of Commencement and LSL receipt is attached.

Construction Management Plan

1. Construction of Jetty

1a Material Stockpile

- No materials will be stockpiled on the foreshore. All materials will be located either on the floating barge or above mean high water on the subject property.

1b Piling.

- The first few sets of piles in the tidal range will be hand excavated, potted and concreted into rock to a minimum of 800mm in depth. Excavation shall take place at low tide to minimise sediment bloom.
- The remaining jetty piles will be driven to a set resistance but to a minimum depth into sea bed of 3m, from a piling barge with a two tonne drop hammer.

MARINAS, WHARVES, PILES, SEAWALLS, BOATSHEDS, PONTOONS, SLIPWAYS

BUILDERS LICENCE 38361
ABN 98 069 020 284

Sediment bloom is nil. Should piles require rock drilling then a sediment curtain (geo tech A34 Bidun) will be installed from sea bed to the surface to contain the temporary sediment bloom.

- . Piles are then cut to height and checked to receive headstocks.

1c Jetty Timbers

- . Headstocks are installed, followed by runners and decking. Access to structure from floating pile barge.

1d Pontoon

- . Pontoon will be manufactured off site and floated into position.

1e Construction program

- . The entire construction period will be 3 weeks.

1f Construction hours of operation

- . Hours of operation will be Monday to Friday 7am to 5pm and Saturdays 7am to 1pm. No work will be carried out on Sundays or Public Holidays.

1g Protection of adjoining properties

- . Barges and punts will be appropriately anchored and secured so as to remain within the extended boundaries of the subject site to ensure no damage is incurred to adjoining jetty structures.

1h Site staff behaviour

- . Site staff shall at all times afford neighbours courteous co operation and endeavour to satisfy any concerns or requests wherever possible.
- . Barges and punts shall be properly tied and fendered after hours to ensure there is no noise during periods of surge or wind.
- . Site staff shall not use language which could be deemed offensive where same is audible to neighbours.

1i Waste removal

- . At the end of every working day any natural waste such as timber offcuts or bark shall be cleaned from the shoreline.
- . Upon the projects completion all waste materials shall be removed from site.

2. Protection of Ecology during Construction

- . Protection of ecology shall be achieved by providing to all employees, contractors, subcontractors and lessees a copy of the plan showing the location of any sea grass and or rocky reefs and instructing these persons that;
 - . Temporary placement of any materials must be undertaken outside any areas of rocky reef and or sea grass beds as shown on plan.
 - . No anchoring shall be permitted in any areas of rocky reef and or sea grass beds if shown on plan.

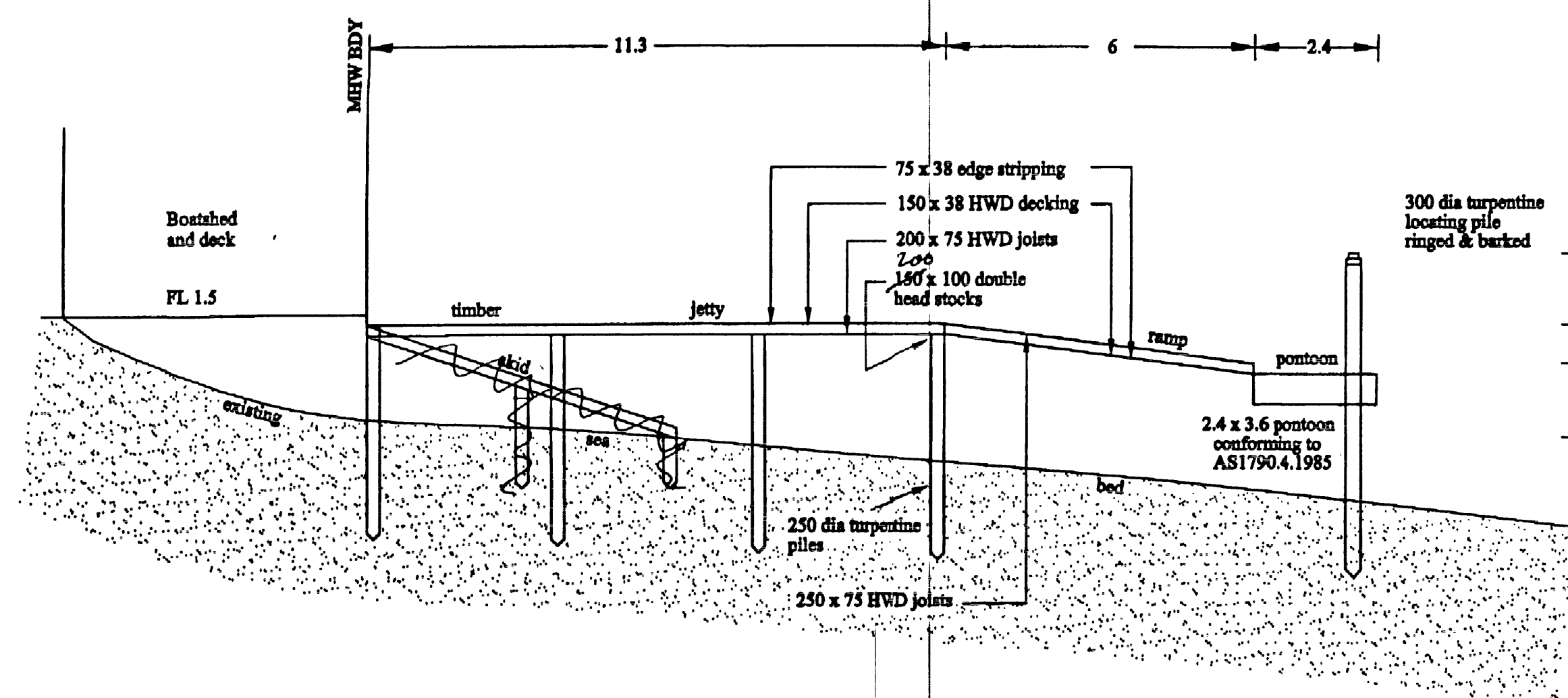
- . Vessel movements within any areas of rocky reef and or sea grass beds shall be minimized and restricted to times when there is a minimum of 600mm clearance between the underside of the vessel and the seabed and speeds shall be restricted to minimize propellor wash and prevent bottom scouring.
- . No vessels, barges, etc shall be left moored over any sea grass beds overnight unless there is more than 900mm clearance between the bottom of the vessel and the sea bed on all tides whilst the vessel is moored in that location.

Please advise if any further information is required.

Yours faithfully,

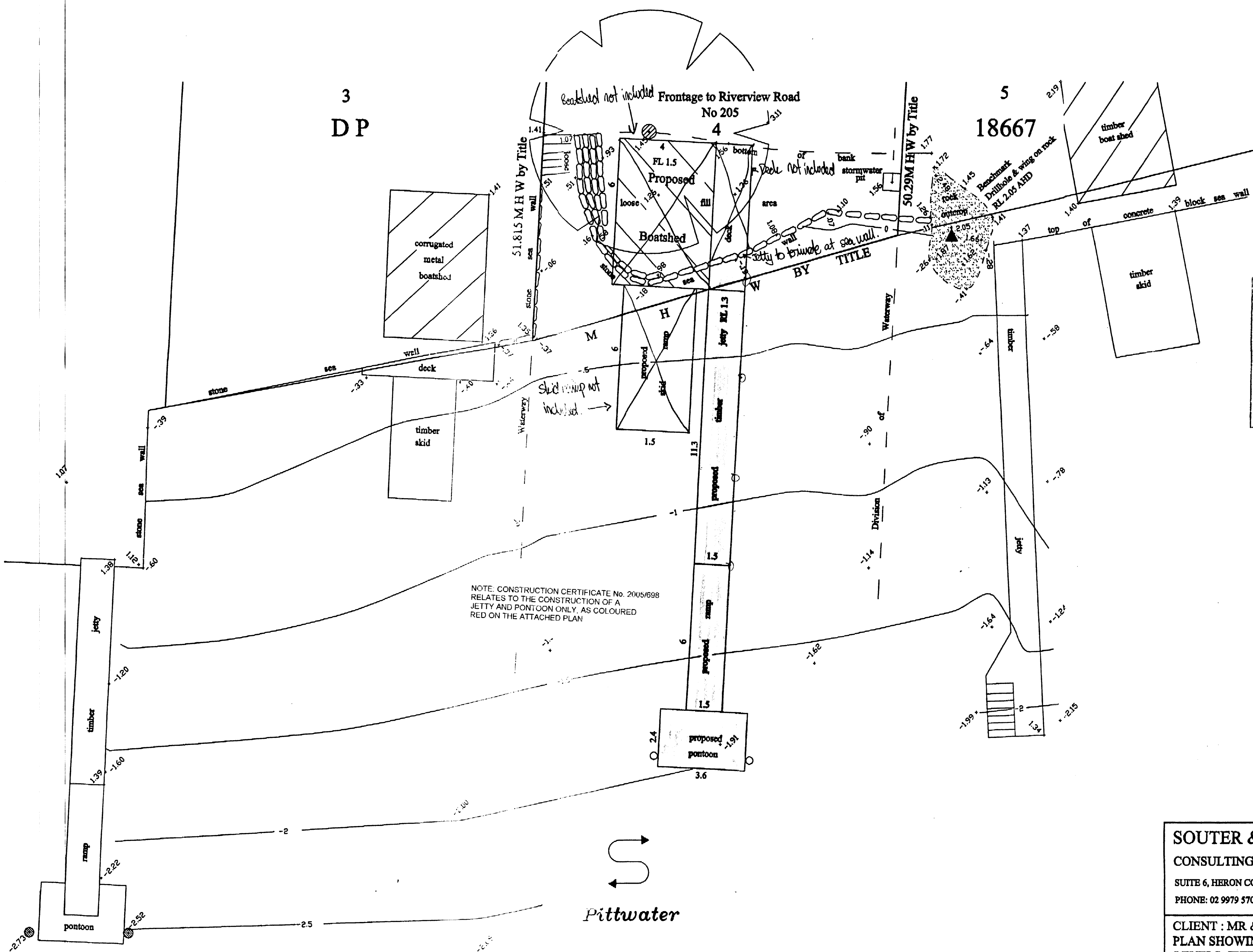
A handwritten signature in black ink, appearing to read 'Steve Howe', is written over a large, loopy circular mark. The signature is positioned above the printed name and phone number.

Steve Howe.
0414 293 245



LONG SECTION

SCALES : HORIZONTAL 1 : 100
VERTICAL 1 : 100



NOTES

1. Levels are on the Australian Height Datum (A.H.D.)
2. Tree trunks and spreads are diagrammatic only.
3. Contour interval is 0.5 metre.
4. Contours are indicative of ground form only.

THIS IS A TRUE COPY OF THE PLAN
DESIGNED WITHIN THE
DEVELOPMENT APPLICATION
FOR OWNERS CONSENT
TO LOAN

Signed by the
Deputy of the Minister (Deputy Secretary
for Green Land Use)
Date: 14/10/05

WARNING
The planning of this plan by Insight Development Consultants Pty Ltd does not relieve:
• The applicant's responsibility to obtain approval from Sydney Water or other utilities.
• The Structural Engineer of their responsibility to ensure the structural adequacy of this project.
• The Applicant, Structural Engineer or other Professional of their responsibility to ensure these stamped details are consistent with the issued Construction Certificate Architectural Details.

INSIGHT DEVELOPMENT
CONSULTANTS PTY LTD (modified 10/6/05)
CONSENT NO. 884/04 DATE 11/3/05
CONSTRUCTION CERT. NO. 2005/698
**CONSTRUCTION
CERTIFICATE PLANS**
Signed 24 JUN 2005
T. Bearden Accreditation No. 93

PITTWATER COUNCIL
APPROVED DEVELOPMENT CONSENT PLANS

NOTE: THESE PLANS MUST BE READ IN
CONJUNCTION WITH THE CONDITIONS OF
DEVELOPMENT CONSENT

SOUTER & ASSOCIATES

CONSULTING SURVEYORS AND PLANNERS

SUITE 6, HERON COVE MARINA, QUEENS FDE (WEST), NEWPORT 2106
PHONE: 02 9979 5709 FAX: 02 9979 9489

CLIENT : MR & MRS HANSMAN
PLAN SHOWING WATERFRONT DETAIL,
LEVELS, JETTY, RAMP, PONTOON, SKID RAMP
AND RECONSTRUCTED TIMBER BOATSHED
OVER LOT 4 IN DP 18667
NO 205 RIVERVIEW ROAD, CLAREVILLE
L.G.A. PITTWATER

SCALE
1:100
DATE
21-4-2004
REF. No.
22-117

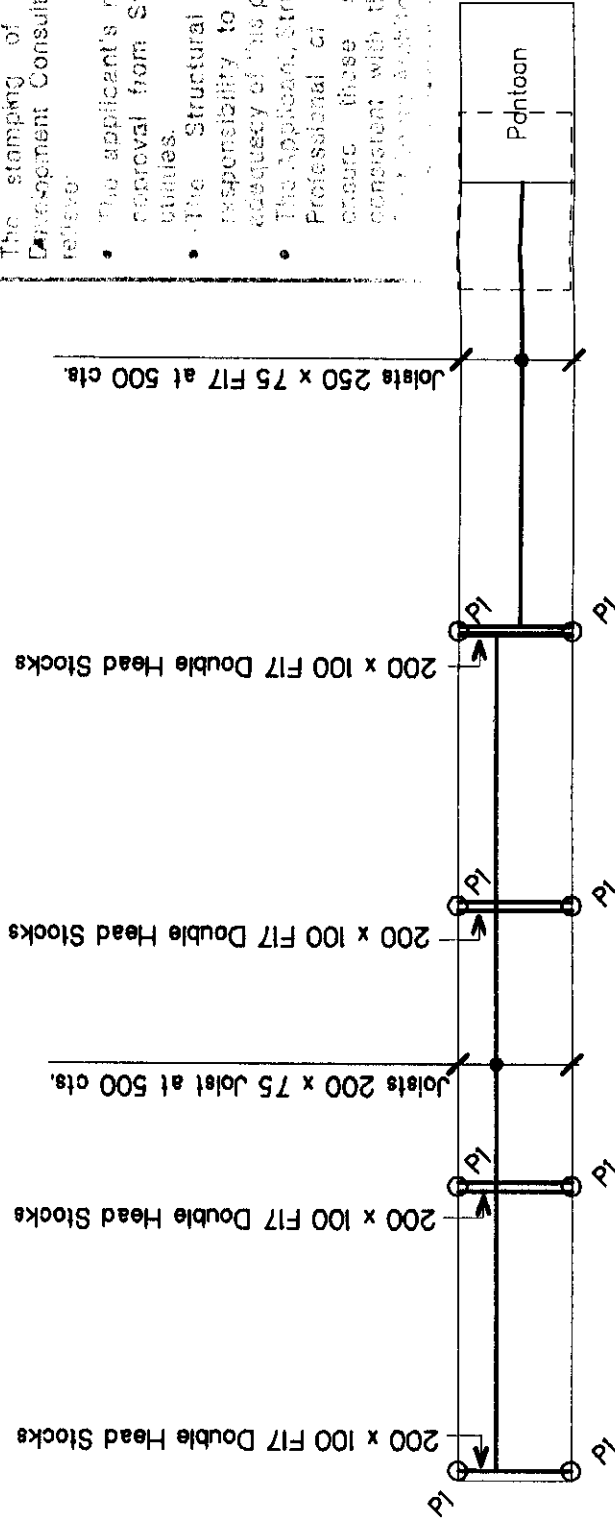
1 J Suter
Registered Surveyor

COPY

WARNING

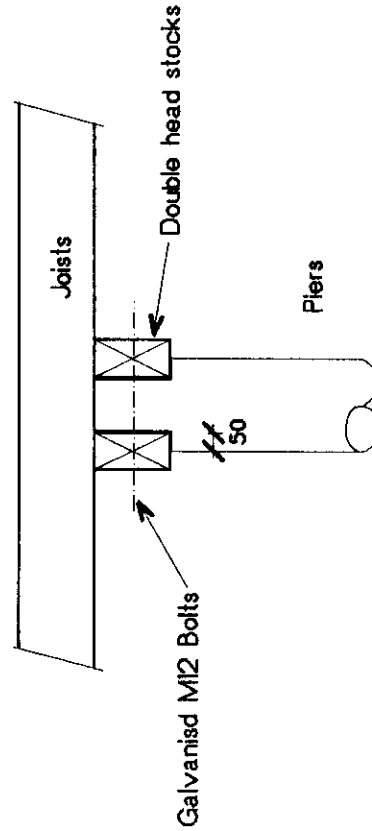
The stamping of this plan by Inlight Development Consultants Pty Ltd does not relieve:

- The applicant's responsibility to obtain approval from Sydney Water or other utilities.
- The Structural Engineer of their responsibility to ensure the structural adequacy of this project.
- The Applicant, Structural Engineer or other Professional of their responsibility to ensure these stamped details are consistent with the issued Construction Documents and Structural Details.



P1 = 2500 turpentine piles

JETTY AND RAMP MARKING PLAN



TYPICAL SECTION THROUGH JOIST TO PIER CONNECTION

PAINTED STEELWORK NOTES

1. Galvanised steelwork to be prepared and painted in accordance with manufacturer's specifications.
2. All surfaces to be prepared prior to application of Galvanised Iron primer.
3. A minimum three coat paint system should be applied to all galvanised exposed steelwork.
4. Application technique to be specified by manufacturer.
5. All naked surfaces resulting from site welds, cuts, etc to be cold galvanised, primed and painted as a minimum.
6. All bolts, nuts etc to be primed and painted once connected.

TIMBER NOTES:

1. All work (including bracing, wind bracing & tie downs) shall be carried out in accordance with AS 3660.1, AS 1684.2, AS 1720.1 and the specification.
2. Refer to the Architects Drawings and the specification for all timber sizes not shown on these drawings.
3. All timber shall be free of Gum veins, pockets, knots holes or splits within 255mm of any connection.
4. Refer to specification for preservatives and finishes to timbers.
5. All bolts, nuts, washers and timber connectors shall be hot dip galvanised unless noted otherwise.
6. All F7 timber shown are nominal sizes only.

PLAN OR DOCUMENT CERTIFICATION

I am a qualified....CIVIL, GEOTECHNICAL & STRUCTURAL ENGINEER... I hold the following qualifications or licence No.....M.Eng.Sc..... F.I.E.Aust.....Nper3.....Struct.Civil.No.149788.

Further I am appropriately qualified to certify this component of the project. I hereby state that these plans or details comply with the conditions of development consent, the provisions of the Building Code of Australia. A.S.1170., A.S.1170.1, A.S.1170.2, A.S.1684., A.S.2870.1, A.S.3600., A.S.3700. A.S.4100 & A.S. 1163.

Jack D. Hodgson 2/6/05 J. Hodgson
Name Date Signature

No. Amendment

Drawn Date

Unless this company carries out the inspections of all the structural elements and approves them, NO responsibility will be taken for the structural integrity of the completed work.

JETTY AND RAMP MARKING PLAN

PROPOSED JETTY, RAMP AND SEAWALL
205 RIVERVIEW ROAD
CLAREVILLE

MR & MRS HANSMAN

Our drawings are based on the information provided by:-
SOUTER & ASSOCIATES
Drawing No: 22-117 Date: 22-4-2004

The Structural Details shown on this Drawing are NOT to change under any circumstance. NO Certificate will be issued for work NOT in accordance with this drawing.

JACK HODGSON CONSULTANTS PTY. LIMITED.

Consulting Civil, Geotechnical and Structural Engineers.
67 Darley Street, MONA JULE 203, O. Box 300, Post Code 1660.
Telephone (02) 9979 7533 Facsimile (02) 997 6996. A.C.N. 053 405 011

Job No.

Drawn

Design Check

JDH

ARC

Date

26 MAY 2005

Drawing No.

22678-S1