

3 AUG 2011

General Manager
Pittwater Council
PO Box 882
MONA VALE NSW 1660

Dear Sir/ Madam

Development Consent No. N0573/06
Construction Certificate No. 2008/2893

For Council's information, please find enclosed the following:

1. Occupation Certificate No. 2008/2893
2. A cheque for \$36.00 being Council's administration fee to accept the above. **Please send receipt to Insight Building Certifiers, PO Box 326, Mona Vale 1660.**

Yours faithfully



Tom Bowden
Insight Building Certifiers Pty Ltd



336 REC. 305684 4/8/11

Determination of a Final Occupation Certificate Application
Made under Sections 109C(1)(c) and 109H of the Environmental Planning and Assessment Act 1979

Final Occupation Certificate No: 2008/2893

Land to which this certificate applies:

Address: 87 Alexandra Crescent, Bayview


Lot No: 3 DP No: 29283

I approve the issuing of this Final Occupation Certificate and certify that:

- I have been appointed as the Principal Certifying Authority under Section 109E of the Environmental Planning & Assessment Act 1979.
- Current Development Consent No. N0573/06 is in force for this development.
- Construction Certificate No. 2008/2893 has been issued with respect to the plans and specifications for alterations & additions to an existing dwelling (excluding study on basement level, bay window to family room & spa).
- The building is completed in accordance with its classification under the Building Code of Australia.
- Refer to the attached Schedule of all critical stage inspections.

Please Note: This Final Occupation Certificate does not include works to study on basement level, bay window to family room & spa.

Determination date: 3 AUG 2011



Tom Bowden
Accredited Certifier – Accreditation No. BPB0042

Schedule of critical stage inspections carried out or missed by the Principal Certifying Authority (Clause 151, 162A, 162B & 162C of the Environmental Planning & Assessment Regulations 1994)

Critical Stage Inspections	Inspected or Missed	Date Inspected
Commencement of building works	Inspected	24/10/ 2008
Excavation for footings	Missed	
Prior to pouring of any in-situ reinforced concrete	n/a	
Prior to the covering of any framework	Missed	
Prior to covering waterproofing in any wet area	n/a	
Prior to covering any stormwater drainage connections	Missed	
Other required inspections		
Final Inspection	Inspected	31/07/2009

Schedule of Compliance Certificates or other documentary evidence relied upon to issue the Final Occupation Certificate

Smoke Alarms	Certificate of installation issued by Multisparx Electrical Pty Ltd dated 28 August 2009
Structural Engineers Certificate	Issued by Northern Beaches Consulting Engineers Pty Ltd dated 9 July 2009
Geotechnical "Form 3" Certificate	Issued by Jeffery & Katauskas Pty Ltd dated 29 June 2011



DIRECTORS |
Stewart McGeady Rick Wray

Structural Certificate

Date: 9th July 2009 Job No. 080534
Builder: Lars Anderson Engineer: BS

Site: 87 Alexandra Crescent, Bayview

Brad Seghers of Northern Beaches Consulting Engineers P/L inspected the additions and alterations to the above building during construction.

We hereby certify that the construction of the pier reinforcement and framing, as detailed on the structural plans by Northern Beaches Consulting Engineers P/L (Job No: 080534), is generally in accordance with the above mentioned drawings, the site instructions issued during construction and Australian Standards AS 3600, AS 1170.1, AS 4100 and AS 1684.

We reserve the right to waiver any responsibility for the certification of any structural or other elements that have not been detailed on our drawings or have not been inspected by the companies' representatives.

We trust that this certificate meets with your requirements. Please contact the author if further clarification is required.

NORTHERN BEACHES CONSULTING ENGINEERS P/L

Stewart McGeady
BE UNSW MIEAust Director

XA\ENG\NBC\2008\080534\SC001.doc

MULTISPARX ELECTRICAL P/L

ABN 61 281 845 857
Address: 210 Fisher Rd Nth, Cromer, NSW, 2099
Mob: 0438 207 870
Lic-159512C

Date: 28/8/09

Smoke Detection Certificate

We certify:

- (a) That each essential fire safety measure specified in this statement
(1) Has been assessed by a property qualified person and was found when it was assessed to have been properly implemented and to be capable of performing to and installed to the standards shown below
- (b) The information contained in this certificate is to the best of our knowledge and belief, true and accurate.

Identification of Building: 87 Alexander Rd, Bayview

Builders Details: Name - Lars Andersson

Address -

Standard of performance

- Part 3.7.2 of the building code of Australia (housing provision)



Multisparx Electrical
210 Fisher Rd Nth
Cromer NSW 2099

Jeffery and Katauskas Pty Ltd

CONSULTING GEOTECHNICAL AND ENVIRONMENTAL ENGINEERS
ABN 17 003 550 801



AS/NZS ISO 9001
Certified

Under Langdon Certification Services

PO BOX 976, NORTH RYDE BC NSW 1670
Tel: 02 9888 5000 • Fax: 02 9888 5003
Email: engineers@jkggroup.net.au

29 June, 2011
Ref: 18730ZRlet

Michael Fountain Architects Pty Ltd
2/5 Narabang Way
BELROSE NSW 2085

ATTENTION: Ms Lorraine Chahia

Dear Madam

ALTERATIONS AND ADDITIONS
87 ALEXNDRA CRESCENT, BAYVIEW, NSW

We confirm that we have completed a geotechnical report for the above site (Ref. 18730SP2rpt) dated 15 December 2005, reviewed the provided structural drawings and completed Council Form 2 (attached to our letter (Ref. 18730SRlet1) dated 23 July 2008.

We also attended site to complete an inspection of two bored pile footing bases on 3 November 2008 and prepared a hand written site report.

We have also been provided with the following information:

- Photographs of the pile footings provided by Lars Andersson Constructions Pty Ltd,
- An unreferenced and undated 'Certificate' prepared by Lars Andersson Constructions Pty Ltd regarding the completion of all piers in accordance with our requirements,
- A 'Structural Certificate' (Job No. 080534, dated 9 July 2009) prepared by Northern Beaches Consulting Engineers Pty Ltd, and
- An unreferenced 'Confirmation of Inspection – Plumbing Services' dated 14 June 2011 prepared by George Drury Plumbing which detailed checking of water supply, stormwater and sewer pipelines and outlined the repairs completed on the leaking sewer pipe line.



Principals: L J Speechley BE(Hons) MEngSc; P Stubbs BSc(Eng) MICE FGS; D Troweek DipTech; B F Walker BE DIC MSc.
Senior Associates: D J Bliss BE(Hons) MEngSc; A L Jackaman BE MEngSc; A J Kingswell BSc(Hons) MSc;
P D Roberts BSc MSc; F A Vega BSc(Eng) GDE; P C Wright BE(Hons) MEngSc; A Zenon BSc(Eng) GDE.
Associates: A J Hulskamp BE(Hons) MEngSc; W Theunissen BE MEngSc; A B Walker BE(Hons) MEngSc.
Principal Consultant: R P Jeffery BE DIC MSc.



**GEOTECHNICAL RISK MANAGEMENT POLICY FOR PITTWATER
FORM NO. 3 – Post Construction Geotechnical Certificate**

Development Application for <u>Ms KATE BODY</u> Name of Applicant
Address of site <u>87 ALEXANDRA CRESCENT, BAYVIEW</u>

Declaration made by geotechnical engineer on completion of the Development

I, PAUL ROBERTS on behalf of JEFFERY & KATAUSKAS PTY LTD
(Insert Name) (Trading or Company Name)

on this the 29 JUNE 2011
certify that I am a geotechnical engineer as defined by the Geotechnical Risk Management Policy for Pittwater. I am authorised by the above organisation/company to issue this document and to certify that the organisation/company has a current professional indemnity policy of at least \$2million. I prepared and/or verified the Geotechnical Report as per Form 1 dated 15/12/05 referred to below.

Geotechnical Report Details:

Report Title: <u>GEOTECHNICAL ASSESSMENT AT 87 ALEXANDRA CRESCENT, BAYVIEW</u>
Report Date: <u>15/12/04</u> Report Ref. No: <u>18730SPRpt2</u>
Author: <u>PETER WRIGHT</u>

We / I reviewed the original structural design, and where applicable the subsequently amended structural details (below listed) which have been incorporated into the completed project.

We / I have inspected and/or ^{are} satisfied that the foundation materials, upon which the structural elements (as detailed in the original and amended structural documents) of the development have been erected, comply with the requirements specified in the Geotechnical Report.

We / I have inspected the site during construction and to the best of ^{our} knowledge, ^{we are} satisfied that the development referred to in the development consent D.A. _____ dated _____ (D.A.No) (Date consent given)

has been constructed in accordance with the intent of the Geotechnical Report, and the requirements of the conditions of Development Consent relating to the geotechnical issues (including any treatment and/or maintenance plan that may be required to remove risk where reasonable and practical).

We / I am aware that Pittwater Council require this certificate prior to issuing an occupancy certificate for the development identified above and will rely on this certificate in regard to the development having achieved the "Acceptable Risk Management" criterion defined in the Policy and that reasonable and practical measures have been taken to remove foreseeable risk. *as indicated in report.*

List of all work as executed drawings and Ongoing Maintenance plans relevant to geotechnical risk management.

Structural drawings (Job No. 080534 Drg. No. 501, 502 & 503 dated May 2008) prepared by Northern Beaches Consulting Engineers P/L & our added comments (J&K letter Ref. 18730SRlet), dated 23/7/08). J&K letter (Ref-18730ZRlet, dated 29/6/11)

Signature Paul Roberts
Name PAUL ROBERTS
Chartered Professional Status CP Eng
Membership No. 2307698