

Date: 8th January 2016

No. Pages: 1 of 1

Project No.: 2015 – 240

Pittwater Council
Mona Vale Customer Service Centre,
Village Park, 1 Park Street,
Mona Vale. 2103.

Geotechnical Assessment for proposed seafood structure
2 Kalinya Street, Newport – Newport Arms Hotel

A Senior Geotechnical Engineer from Crozier Geotechnical Consultants previously inspected the above site during strip out works for assessment of a retaining structure (November 2015, Project No. 2015-240) and the previous geotechnical report should be read in conjunction with this letter. Further works are now proposed which involve construction of a seafood buffet/bar structure at the rear of the hotel.

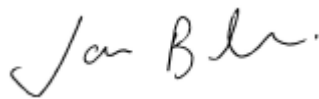
The following plans were supplied by the client relating to the works:

- Architectural drawings by Akin Creative, Project No. 0359, Drawings:
 - DA D01 – Proposed Site Plan, Issue: A, Dated: 06/01/2016
 - DA M01 – Seafood Structure Detail Sheet, Issue: A, Dated: 06/01/2016

These plans have been reviewed and they show that the new structure will be constructed on an existing roof slab of the hotel car park. No new footing excavation or bulk excavation is required. Therefore the proposed development involves only Minor Development/Alteration that does not require a Geotechnical Report or Risk Assessment. The proposed development can maintain the 'Acceptable' risk criteria (Geotechnical Risk Management Policy for Pittwater – 2009) for the design life of the development, taken as 100 years, provided proper engineering design and construction methods are implemented. Signed Forms 1 and 1A are attached.

We hope the above information meets Councils requirements. If we can be of further assistance in regards to this matter please don't hesitate to contact the undersigned.

Yours faithfully,



James Butcher
Senior Geotechnical Engineer

GEOTECHNICAL RISK MANAGEMENT POLICY FOR PITTWATER
FORM NO. 1 – To be submitted with Development Application

Development Application for _____

Name of Applicant _____

Address of site 2 KAUNYA ST, NEWPORT - NEWPORT ARMS HOTEL

Declaration made by geotechnical engineer or engineering geologist or coastal engineer (where applicable) as part of a geotechnical report

I, PETER CROZIER on behalf of _____
 (Insert Name) (Trading or Company Name)

on this the 07/01/2016 certify that I am a geotechnical engineer or engineering geologist or coastal engineer as defined by the Geotechnical Risk Management Policy for Pittwater - 2009 and 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:

Please mark appropriate box

- ☐ have prepared the detailed Geotechnical Report referenced below in accordance with the Australia Geomechanics Society's Landslide Risk Management Guidelines (AGS 2007) and the Geotechnical Risk Management Policy for Pittwater - 2009
- ☐ am willing to technically verify that the detailed Geotechnical Report referenced below has been prepared in accordance with the Australian Geomechanics Society's Landslide Risk Management Guidelines (AGS 2007) and the Geotechnical Risk Management Policy for Pittwater - 2009
- ☐ have examined the site and the proposed development in detail and have carried out a risk assessment in accordance with Section 6.0 of the Geotechnical Risk Management Policy for Pittwater - 2009. I confirm that the results of the risk assessment for the proposed development are in compliance with the Geotechnical Risk Management Policy for Pittwater - 2009 and further detailed geotechnical reporting is not required for the subject site.
- ☒ have examined the site and the proposed development/alteration in detail and I am of the opinion that the Development Application only involves Minor Development/Alteration that does not require a Geotechnical Report or Risk Assessment and hence my Report is in accordance with the Geotechnical Risk Management Policy for Pittwater - 2009 requirements.
- ☐ have examined the site and the proposed development/alteration is separate from and is not affected by a Geotechnical Hazard and does not require a Geotechnical Report or Risk Assessment and hence my Report is in accordance with the Geotechnical Risk Management Policy for Pittwater - 2009 requirements.
- ☐ have provided the coastal process and coastal forces analysis for inclusion in the Geotechnical Report

Geotechnical Report Details:

Report Title: REPORT ON GEOTECHNICAL INSPECTION INTERNAL & EXTERNAL STRIP OUT - NEWPORT ARMS HOTEL (PROJECT NO. 2015-240)

Report Date: 10/11/2015

Author: J. BUTLER / T. CROZIER

Author's Company/Organisation: CROZIER GEOTECHNICAL CONSULTANTS

Documentation which relate to or are relied upon in report preparation:

- ARCHITECTURAL DRAWINGS BY AKIN CREATIVE, PROJECT NO. 0359,

DRAWINGS: DA D02 - PROPOSED SITE PLAN, REV: A, 06/01/16

DA M01 - SEAFOOD STRUCTURE - DETAIL SHEET, REV: A, 06/01/16

I am aware that the above Geotechnical Report, prepared for the abovementioned site is to be submitted in support of a Development Application for this site and will be relied on by Pittwater Council as the basis for ensuring that the Geotechnical Risk Management aspects of the proposed development have been adequately addressed to achieve an "Acceptable Risk Management" level for the life of the structure, taken as at least 100 years unless otherwise stated and justified in the Report and that reasonable and practical measures have been identified to remove foreseeable risk.

Signature

Name

Chartered Professional Status

Membership No.

Company

Registered Professional Engineer 691550

Mr Peter Crozier

MIE Aust. CP Eng. (Civil / Geotechnical)



N P E R

Signature: [Signature] Date: 07/01/2016

Registered on the NPER in the area of practice of
Civil / Geotechnical
 National Professional Engineers Register

GEOTECHNICAL RISK MANAGEMENT POLICY FOR PITTWATER
FORM NO. 1(a) - Checklist of Requirements For Geotechnical Risk Management Report for Development Application

Development Application for _____

Address of site 2 KALINYA STREET, NEWPORT - NEWPORT ARMS HOTEL Name of Applicant _____

The following checklist covers the minimum requirements to be addressed in a Geotechnical Risk Management Geotechnical Report. This checklist is to accompany the Geotechnical Report and its certification (Form No. 1).

Geotechnical Report Details:

Report Title: REPORT ON GEOTECHNICAL INSPECTION INTERVAL & EXTERNAL STRIP
 Report Date: 09/11/2015
 Author: J. BUTLER / T. CROZIER
 Author's Company/Organisation: CROZIER GEOTECHNICAL CONSULTANTS

Please mark appropriate box

- ☐ Comprehensive site mapping conducted _____ (date)
- ☒ Mapping details presented on contoured site plan with geomorphic mapping to a minimum scale of 1:200 (as appropriate)
- ☒ Subsurface investigation required
- ☐ No Justification _____
- ☒ Yes Date conducted 09/11/2015
- ☐ Geotechnical model developed and reported as an inferred subsurface type-section
- ☒ Geotechnical hazards identified
- ☐ Above the site
- ☒ On the site
- ☐ Below the site
- ☐ Beside the site
- ☒ Geotechnical hazards described and reported
- ☒ Risk assessment conducted in accordance with the Geotechnical Risk Management Policy for Pittwater - 2009
- ☒ Consequence analysis
- ☒ Frequency analysis
- ☒ Risk calculation
- ☒ Risk assessment for property conducted in accordance with the Geotechnical Risk Management Policy for Pittwater - 2009
- ☒ Risk assessment for loss of life conducted in accordance with the Geotechnical Risk Management Policy for Pittwater - 2009
- ☒ Assessed risks have been compared to "Acceptable Risk Management" criteria as defined in the Geotechnical Risk Management Policy for Pittwater - 2009
- ☒ Opinion has been provided that the design can achieve the "Acceptable Risk Management" criteria provided that the specified conditions are achieved.
- ☒ Design Life Adopted:
- ☒ 100 years
- ☐ Other _____ specify _____
- ☒ Geotechnical Conditions to be applied to all four phases as described in the Geotechnical Risk Management Policy for Pittwater - 2009 have been specified
- ☒ Additional action to remove risk where reasonable and practical have been identified and included in the report.
- ☐ Risk assessment within Bushfire Asset Protection Zone.

I am aware that Pittwater Council will rely on the Geotechnical Report, to which this checklist applies, as the basis for ensuring that the geotechnical risk management aspects of the proposal have been adequately addressed to achieve an "Acceptable Risk Management" level for the life of the structure, taken as at least 100 years unless otherwise stated, and justified in the Report and that reasonable and practical measures have been identified to remove foreseeable risk.

Signature _____

Name _____

Chartered Professional Status _____

Membership No. _____

Company _____

Registered Professional Engineer 691550	
Mr Peter Crozier	
MIEAust CPEng (Civil / Geotechnical)	
N P E R	
Signature _____	Date <u>07/01/2016</u>
Registered on the NPER in the area of practice of	
Civil / Geotechnical	
National Professional Engineers Register	