

FLOOD EMERGENCY RESPONSE PLANNING FOR DEVELOPMENT IN PITTWATER POLICY
FORM NO. 1 – To be submitted with Development Application

Development Application for

FORM architects (aust) Pty Ltd

(Name of Applicant)

Address of site: 21A CENTRAL ROAD AVALON

Declaration made by hydraulic engineer or engineer specialising in flooding/flood emergency response as part of a Flood Risk Emergency Assessment:

I, GARTH HODGSON on behalf of JACK HODGSON CONSULTANTS P/L
 (Insert Name) (Trading or Business/ Company Name)

on this the _____ (Date) certify that I am a hydraulic engineer or engineer

specialising in flooding/flood emergency response 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.

Flood Risk Emergency Assessment Details:

Report Title:

21A CENTRAL ROAD AVALON DEVELOPMENT APPLICATION

Report Date: 24TH MAY 2019

Author: GARTH HODGSON

Author's Company/Organisation: JACK HODGSON CONSULTANTS PTY LTD

I: GARTH HODGSON

(Insert Name)

Please tick appropriate box (more than one box can be marked)

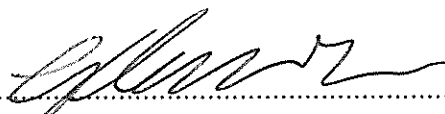
- ☐ have prepared the Flood Risk Emergency Assessment referenced on Form 1 in accordance with Council's guidelines and the Flood Emergency Response Planning for Development in Pittwater Policy.
- ☐ am willing to technically verify that the detailed Flood Risk Emergency Assessment referenced on Form 1 has been prepared in accordance with Council's guidelines and the Flood Emergency Response Planning for Development in Pittwater Policy.
- ☐ have examined the site and the proposed development in detail and have carried out a risk assessment (which has been attached to this form), and can confirm that:
- ☐ The addition/dwelling/building is located outside of the extents for Flood Life Hazard Categories H3-H4, H5 and H6 and a Flood Risk Emergency Assessment is not required.
- ☒ confirm that the results of the risk assessment for the proposed development are in compliance with the Flood Risk Management Policy for Development in Pittwater and a detailed risk assessment is not required for the subject site.

- ☐ have examined the site and the proposed development/alteration/addition in detail and I am of the opinion (after carrying out a risk assessment) that the Development Application does not require a Flood Risk Emergency Assessment and I have attached the risk assessment to this form.
- ☐ have reviewed (provide details of Report) the Flood Risk Emergency Assessment previously prepared for this property and can confirm it is up to date and is still current.

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

☒ I am aware that the Flood Risk Emergency Assessment referenced on Form 1, 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 Flood Risk Management aspects of the proposed development have been adequately addressed to achieve an "Acceptable or Tolerable Risk" 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.

Hydraulic engineer or engineer specialising in flooding/flood emergency response details:

Signature 

Name GARTH HODGSON

Chartered Professional Status..... B. Eng Civil MIE AUST

Membership No. 2211514

Company JACK HODGSON CONSULTANTS PTY LTD

Number of years specialising in flooding/emergency response.....



Jack Hodgson Consultants Pty Limited

CONSULTING CIVIL, GEOTECHNICAL AND STRUCTURAL ENGINEERS

ABN: 94 053 405 011

MU 31743A.

24th May, 2019.

Page 1.

The General Manager
Northern Beaches Council
Pittwater Area
PO Box 82
MANLY NSW 2095

Dear Sir,

21A CENTRAL ROAD, AVALON. Development Application

We have examined the survey information as shown on the drawing prepared by Richards & Loftus Surveying Services, Job No:- 2460, Reference No. 2460 DS and dated November, 2018 and the plans prepared by Form Architects, Reference No: 1901.04, Drawing numbers AR20 01 to 02, AR30 01 to 02, AR40 01 to 04 and dated 27th March, 2019. Also, the information taken from Northern Beaches Council website showing the NBC Flood Hazard Map affecting the subject property is as follows and also contained in Figure 1:-

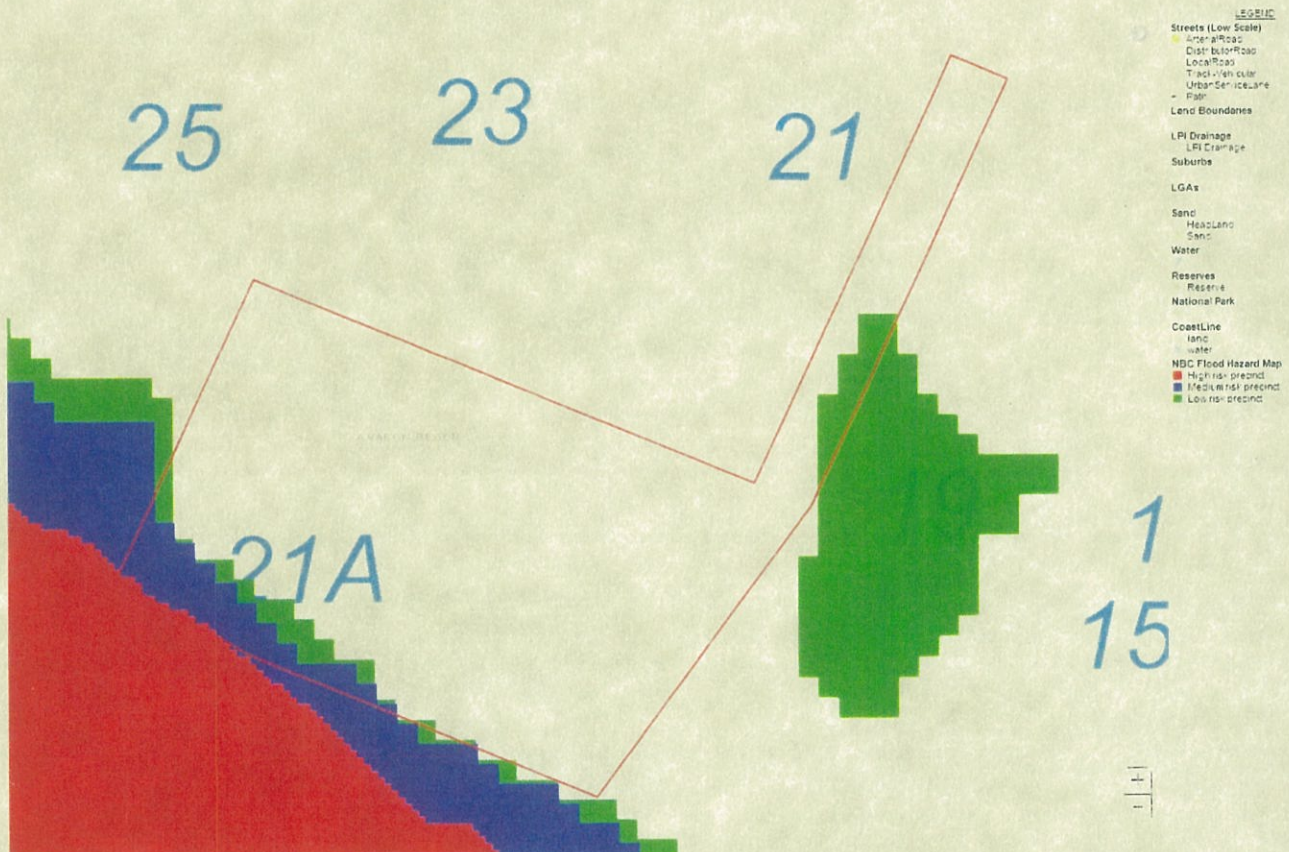


Figure 1

DIRECTOR: N. J. HODGSON
Unit 38D No 6 Jubilee Avenue, Warriewood NSW 2102
PO Box 389 Mona Vale NSW 1660
Telephone: 9979 6733 Facsimile: 9979 6926
www.jackhodgson.com.au



Jack Hodgson Consultants Pty Limited

CONSULTING CIVIL, GEOTECHNICAL AND STRUCTURAL ENGINEERS

ABN: 94 053 405 011

MU 31743A.

24th May, 2019.

Page 2.

Figure 1 clearly shows the flood waters just over the rear boundary near the south west corner of the subject property being affected by the low and medium risk flood classification. There is also low risk affected area mainly to the east of the battle-axe driveway. The proposed alterations and additions are in the unclassified areas of the subject property.

In our opinion the proposed alterations and additions is not affected by the 1% AEP flood event and is not in a low, medium or high risk flood classification area and does not require a detailed flood risk analysis report.

JACK HODGSON CONSULTANTS PTY. LIMITED.

Garth Hodgson