

**H&H Consulting Engineers
Pty Ltd** (trading as Henry & Hymas)

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henry&hymas

13 November 2015

Our Ref: 12693-C5/af

CITY PLAN SERVICES PTY LTD.
364 KENT STREET
SYDNEY, NSW 2000

Attention: Brendan Bennett

Dear Sir,

**RE: ARV RETIREMENT VILLAGE
CERTIFICATION OF CONSTRUCTED WORKS – STAGE 4
CIVIL ENGINEERING**

**SUBJECT PREMISES: 6- 14 Macpherson Street, WARRIEWOOD NSW 2101
Lot 1, 2, 3, 4, and 5 DP 1161389.**

DEVELOPMENT CONSENT: PITTWATER COUNCIL DA NO. NO267/13

In reference to the aforementioned development, I offer the following certification of the constructed stormwater and water quality management works for Stage 4 of the aforementioned development. Based on a review of the completed works, we verify that the constructed stormwater works and water quality management works are generally in accordance with the approved Construction Certificate documentation. This has been verified by Henry & Hymas on site. The constructed works are also in accordance with or meet the requirements of:

- AS3500 – 'National Plumbing and Drainage Code' – Part 3: Stormwater Drainage;
- Warriewood Valley Urban Land Release – Water Management Specification (WMS);
- Pittwater Council Development Control Plan 21;
- Conditions E4 of the Development Consent dated 20 February 2014 (which verified that C9 and C10 have been implemented);
- Updated Water Management Plan;
- Warriewood Valley Water Management Specification (February 2001).

I am an appropriately qualified and experienced person in this field and as such have a capacity to certify these works on behalf of Henry & Hymas Consulting Engineers.

Designer: Andrew Francis
Qualifications: B.E. (Civil)
Employer: H & H Consulting Engineers Pty Ltd
Address: Level 5, 79 Victoria Ave CHATSWOOD
Business Tel. No: 9417 8400 Fax No: 9417 8337



sydney • brisbane



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H & H Consulting Engineers possesses indemnity insurance to the satisfaction of the Client. However, this certificate shall not be construed in any way to relieve any other party of their responsibilities.

Yours faithfully,

ANDREW FRANCIS

For, and on behalf of,
H & H Consulting Engineers Pty Ltd

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1 April 2016

Our Ref: 12693-C6/af

Anglican Retirement Villages
c/- Morgan Moore & Associates
PO BOX 777
ST IVES NSW 2075

Attention: Martin Moore

Dear Sir,

**RE: PROPOSED RETIREMENT VILLAGE
STATEMENT OF DESIGN – CIVIL ENGINEERING**

**SUBJECT PREMISES: 6-14 Macpherson Street, WARRIEWOOD NSW 2101
Lots 3, 4 and 5 DP 1161389**

DEVELOPMENT CONSENT: PITTWATER COUNCIL DA NO. 267/13

I refer to the amended plans incorporating minor changes to Stages 4 and 5 of the aforementioned development. I note that the total landscaping area has been reduced to 9,030m² (33.7% of the site area). I wish to advise that we have undertaken a review of the water quality systems for the development and this minor reduction in landscaping area does not adversely affect the water quality design as the model itself was based on a landscaping area of 5,420m² which is conservative.

I trust this information meets your requirements. If you have any queries regarding this matter or require any additional information, please do not hesitate to give me a call.

Yours faithfully,

ANDREW FRANCIS
For, and on behalf of,
H & H Consulting Engineers Pty Ltd

