



ANACIVIL P/L. (Civil & Structural Engineers)

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June 9, 2016.

Dear Sir,

RE: Flooding Levels - Petersham RSL Development Sites 1, 2 & 3-

I refer to the 1:100 YR flooding related to the sites at the following addresses:

- Site 1: 3-7 Regent St Petersham;
- Site 2: 13-17 Regent St, Petersham; and
- Site 3: 287-309 Trafalgar St, Petersham.

As per our discussion with Mr. Joe Bertacco from Marrickville Council (Emails dated 19 & 21/01/2016) & during this early phase of the design and as per our site visits and preliminary analysis, flooding issues are summarized as follows:

- The property 287-309 Trafalgar St is flood affected during a 1 in 100 year storm as it is adjacent to a drainage low point in Trafalgar Street. The flood level is RL 31.34m AHD. Floor levels must be set at RL 31.64m AHD providing 300mm freeboard.
- Due to safety concerns, the basement carpark is required to have 500mm freeboard above the 1:100 flood level. Requiring us to ramp to a crest of RL 31.84 prior to ramping down into the basement.
- There is also a minor low point at the rear lane of this property which we will assess and drain as part of the development.

We end this letter by confirming that we are working on this project and we will address all drainage work as the architectural design progresses. Should you require any further explanations, please don't hesitate to contact us.

Yours faithfully,

M. Zaioor
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