

19 Jan 2021

Project No. 190488

Next Constructions Pty Ltd
Level 18, 227 Elizabeth Street
SYDNEY NSW
2000

Dear: Mitch

4-18 Doncaster Avenue, Kensington NSW
On-Site Detention and Rainwater Tank Interaction

Adams Consulting Engineers Pty Ltd, can confirm that the rainwater tank that was located on-site did not contribute to the on-site detention volume. The rainwater tank was originally allowed to meet Green Star requirements and as the project has progress was no longer required and has been removed.

The removal of the rainwater tank has not changed any of the on-site detention hydraulics. The site is in a flood zone and has the following required from the development application conditions placed on it regardless if there is a rainwater tank was on-site or not. The on-site detention tank has been designed in accordance with the following condition:

SSD 9649 B71 "An on-site detention system must be provided to ensure that the maximum discharge from the site does not exceed that which would occur during a 1 in 10 year storm of one hour duration for existing site conditions. All other stormwater run-off from the site for all storms up to the 1 in 20 year storm is to be retained on the site for gradual release to the street drainage system. An overland escape route or overflow system (to Council's street drainage system) must be provided for storms having an average recurrence interval of 100 years (1 in 100 year storm), or alternatively the stormwater detention system is to be provided to accommodate the 1 in 100 year storm"

Yours faithfully,

Adams Consulting Engineers Pty Ltd



Stephen Hazlewood
Civil Engineer



ISO 9001

We are proudly ISO 9001 Quality Management Systems Certified