



Our Reference: SY171003
Your Reference: DA2018/0178

Suite 2, Level 1
33 Herbert Street
ST LEONARDS NSW 2065

22 Jan 2019

ST LEONARDS NSW 1590

Georges River Council
PO Box 205
Hurstville BC, NSW 1481

T 02 9438 5098
F 02 9438 5398

www.acor.com.au

Attention: Larissa Ozog

ENGINEERS
MANAGERS
INFRASTRUCTURE
PLANNERS
DEVELOPMENT
CONSULTANTS

Dear Larissa,

Re: 12 – 24 Stanley Street, Kogarah
DA2018/0178

I refer to the above-mentioned development application for the subject premises.

In response to Georges River Council RFI as quoted below:

'The water storage areas are substantial in size. It is requested that details in relation to their operation and function be provided.' (Page 3 of Georges River Council Development Application Information letter)

The original calculations to determine water storage requirements for the proposed development were based on a Sydney Water pressure and flow statement for the 100mm water main in Stanley St as this was the proposed connection point for the development.

We have since received Sydney Water's Notice of Requirements for the proposed development which instead states that the existing 100mm water main in Stanley St is to be amplified to 200mm from the water main in Princess Highway.

This amplification will greatly increase the pressure and flow at 12-24 Stanley St and, as a result will decrease the amount of water storage required to comply with Australian Standards.

Based on a Sydney Water pressure and flow statement calculated closer to the water main in Princess Highway, we are expecting to reduce water storage from 430,000L to 100,000L for combined fire hydrant and sprinkler water storage. We will also remove the 25,000L potable water storage as it is no longer required.

We trust this clarifies council's water storage RFI for the development. Should anything further be required please do not hesitate to contact the undersigned.

Yours faithfully,
ACOR Consultants Pty Ltd

Ryan Bourne
Hydraulic Services Designer