



Core Engineering Group • Fire • Risk • Emergency Management

Our Ref: F200887_Letter_01

31 July 2019

St George Community Housing
Level 5, 38 Humphreys Lane
Hurstville NSW 2220

Attention: Kim Gray

Development Manager – Development and Property Services

Dear Kim

RE: | 11 Gibbons St Redfern | Fire Engineering – Ventilation System Review

As requested, we have prepared this letter to assist your response to the Independent Planning Commission's (IPC) independent reviews of the ventilation system proposed for the affordable housing development at 11 Gibbons Street, Redfern.

We were initially engaged by SGCH Sustainability Ltd on 30th May 2018 to provide fire engineering consultancy services for the development of a high-rise residential apartment building at 11 Gibbons Street Redfern.

Under that engagement we prepared a fire safety strategy report for the building, as a supporting document for the DA submission.

In March 2019 we were engaged by Lend Lease to provide fire engineering consultancy services to support development of the design which included submission of a Fire Engineering Design Brief Questionnaire (FEBQ) to FRNSW which addresses the non-compliances identified by the project's BCA consultant.

The IPC's independent review of the ventilation system was undertaken by Two MS (Report No. 01630 Rev A dated 24th July 2019) and it identified matters relevant to the fire safety compliance of the air handling and smoke management systems of the building.

The project's mechanical consultant Northrop have provided a response to the Two MS report which we have reviewed and concur with their responses.

We trust that the above will meet with your requirements. Should you require any further information or clarification, please do not hesitate to contact us.

Yours faithfully

Neil Campbell

Senior Fire Engineer

Sydney

Suite 401, Grafton Bond Building
201 Kent Street, Sydney NSW 2000

Phone | +61 2 9299 6605

Fax | +61 2 9299 6615

Email | sydney@coreengineering.com.au

Melbourne

Suite 107, 480 Collins Street
Melbourne VIC 3000

Phone | +61 3 8548 1818

Email | melbourne@coreengineering.com.au

www.coreengineering.com.au