



SUITE 17, 808 FOREST ROAD, PEAKHURST 2210 ABN 73 107 291 494
P. 02 9046 3800 ACOUSTICS@DAYDESIGN.COM.AU WWW.DAYDESIGN.COM.AU

Fulton Trotter Architects
PO Box 1669
Bondi Junction NSW 1355

4 February, 2019
Refer: 6395-1.3L

Attention: Mr John Kennedy
Contact: johnk@fultontrotter.com.au

REDEVELOPMENT OF SAMUEL GILBERT PUBLIC SCHOOL
RIDGECROP DRIVE, CASTLE HILL, NSW
ACOUSTIC REVIEW

We are pleased to advise that we have reviewed the comments relating to acoustics provided by the Department of Planning following the SSDA submission for the redevelopment of Samuel Gilbert Public School, Ridgecrop Drive, Castle Hill, NSW.

Day Design offer the following responses to the comments:

- 3.1 - *Noise Impacts - Out of Hours' Community Use - The proponent is required to –*
- a - Undertake a noise compliance monitoring of the proposed uses of the hall to determine the hours that it wouldn't interfere with the comfort of the neighbouring residences.*
 - b - Submit a detailed noise compliance monitoring report*
 - c - ensure the monitoring and report consider the listed activities.*

Once operational, noise compliance monitoring of **all** proposed uses of the hall should take place. Note, this cannot be undertaken until such a time as the hall is operational.

This may be included in the consent as a requirement to take place within the first three to six months of operation.



• AIRCRAFT, ROAD TRAFFIC AND TRAIN NOISE CONTROL
• ARCHITECTURAL ACOUSTICS • INDUSTRIAL NOISE AND VIBRATION CONTROL
• ENVIRONMENTAL NOISE IMPACT INVESTIGATION AND CONTROL
• OCCUPATIONAL NOISE INVESTIGATION • QUIET PRODUCT DEVELOPMENT



3.1 - Noise Impacts - Mechanical Plant - Proponent be required to –

a - provide an assessment of the noise from A/C units

b - ensure that mechanical plant does not generate too much noise

Section 5.2.1 of the Day Design 'Environmental Noise Assessment' report, 6395-1.1R Rev A, dated 8 November 2018, recommends a detailed acoustic assessment of the mechanical plant at the Construction Certificate / detailed design stage of the development process.

This can be undertaken once the mechanical engineer is nearing completion of their design of all mechanical plant to be installed at the school.

12 - Applicant is advised that the noise emitted by the normal operation of the existing padmount substation is generally not an issue. However, Endeavour Energy recommends that it be included in the detailed acoustic assessment recommended by the acoustic consultants when the mechanical plant for the redevelopment has been finalised.

As mentioned above, noise emissions from the existing padmount substation may be included in the detailed acoustic assessment of the mechanical plant, as recommended in Section 5.2.1 of the Day Design 'Environmental Noise Assessment' report, 6395-1.1R Rev A, dated 8 November 2018.



Day Design is of the opinion that the comments provided by the Department of Planning are reasonable and can be addressed satisfactorily at varying stages of the development, as detailed in this letter.



Adam Shearer, BCT (Audio), MDesSc (Audio and Acoustics), MAAS
Senior Acoustical Consultant
for and on behalf of Day Design Pty Ltd

AAAC MEMBERSHIP

Day Design Pty Ltd is a member company of the Association of Australasian Acoustical Consultants, and the work herein reported has been performed in accordance with the terms of membership.

