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Project 3872
1 September 2017

EG Fund Management

Attention: Mr Justin Foong
1 Farrer Place
SYDNEY NSW 2000

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Dear Mr Foong

1A & 1B QUEEN ST AUBURN – PROPOSED RESIDENTIAL DEVELOPMENT
ACOUSTIC ASSESSMENT & ADVICE – SUPPLEMENTARY LETTER 02

Acoustic Dynamics is engaged by EG Fund Management to provide general acoustic advice for the development's construction staging, located at 1A & 1B Queen Street, Auburn.

Acoustic Dynamics advises that the incorporation of the following general mitigation measures as part of the construction phase of the development could be used to form part of an overall construction noise and vibration management plan for the development.

The following measures are techniques that can help minimise and manage noise and vibration emission from the subject demolition, excavation and construction phases:

1. Noise & vibration induction of all site staff – including the explanation of noise and vibration control and minimisation and a discussion of project specific reduction strategies;
2. Implementation of an appropriate community liaison procedure – including a noise and vibration management and noise and vibration complaint procedure and continual liaison with nearby potentially affected receivers;
3. Implementation of a noise and vibration monitoring and reporting programme (where necessary – to protect the interest of all parties or should complaints arise);
4. The use of temporary noise barriers around particularly noisy activities (where feasible and reasonable);
5. Use of quietest available equipment and lowest vibration generating equipment for works (where feasible and reasonable);
6. Where excavation of rock is required, an appropriate excavation methodology should be adopted;

- Use of saw cuts in rock around the external perimeter of any excavation works, and wherever feasible, to enable smaller rock-breaker to be used to remove the remaining rock;
 - Use of hand held jackhammers for rock-breaking activities within 5m of adjacent structures;
 - i. No use of small rock-breakers within 5m of adjacent structures;
 - ii. No use of large rock-breakers within 10m of adjacent structures;
7. Where there is any risk of damage, a dilapidation survey of adjacent buildings and structures should be completed prior to the commencement of any excavation works;
8. Implementation of periods of respite, where highly intensive activities produce loud noise (i.e. greater than 75 dB(A) at nearby residences) to minimise disturbance on nearby receivers; and
9. Should trucks or other vehicles be required to be on site for longer than five minutes, Acoustic Dynamics advises that engines should be switched off for the duration.

Acoustic Dynamics advises that the above are general mitigation measures that can be considered for all phases of construction works for the development, and could be included into a construction noise and vibration management plan if required.

We trust the above information is meets with your immediate requirements and expectations. Please do not hesitate to contact us on 02 9908 1270 should you require more information or clarification.

Kind Regards

ACOUSTIC DYNAMICS



MATTHEW WESTON

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