SANDY BROWN

Consultants in Acoustics, Noise & Vibration

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From:	Jake Howarth	**Reviewer:**	Helen Sheldon

Randall & Aubin, Bridge Street
Example glazing configurations

Further to your email dated 18 August 2016, I understand the council require example glazing configurations which are capable of achieving the requirements set out in Sandy Brown report *16174-R01-C Acoustic planning report*. This memo provides example glazing configurations for both the newly fitted front windows and the retained rear windows, which are understood to be secondary glazed.

Example glazing configurations

New glazing

Example glazing configurations which are capable of achieving $R_w + C_{tr}$ 28 dB are as follows:

- 6 mm glazing, 12 mm cavity, 6 mm glazing

Existing glazing

The existing glazing configuration at the rear of the proposed restaurant is not known, however, for reference the following secondary glazing configuration is likely to archive the required performance:

- 6 mm primary glazing, 50 mm cavity, 6 mm toughened glass

The configuration of the existing glazing will need to be confirmed before secondary glazing is installed. However, a performance of $R_w + C_{tr}$ 28 dB is often easily achieved by any secondary glazing system.

55 Charterhouse Street, London EC1M 6HA T: +44 (0)20 7549 3500
68 Sackville Street, Manchester, M1 3NJ T: +44 (0)161 771 2020
2 Walker Street, Edinburgh EH3 7LA T: +44 (0)131 235 2020 post@sandybrown.com
35 St Paul's Square, Birmingham B3 1QX T: +44 (0)121 227 5020 www.sandybrown.com

Sandy Brown Associates LLP
Registered in England & Wales No. OC 307504 Registered Office: 55 Charterhouse Street, London EC1M 6HA