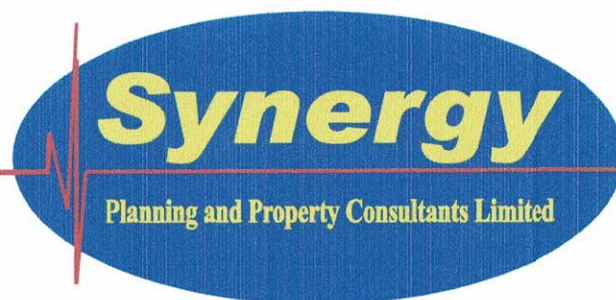


The Office
The Larches
Higham
Rochester
Kent ME3 7NQ



30th January 2025

Planning Service
Gravesham Borough Council
Windmill Street
Gravesend
Kent DA12 1AU.

Dear Sirs

Re: Decision Notice 20240131

Condition 3

44 The Terrace, Gravesend, DA12 2BJ.

With reference to condition 3 we submit STG Building Control Full Plans approval and the associated drawings for the alteration works to 44 The Terrace. Building Control require reasonable acoustic upgrading only of the floors at most so two layers of 100mm Rockwool RWA 45 acoustic insulation laid between the joists in the existing floors is sufficient. As the property is a single dwelling under Building Control regulations a 10 dB upgrade is not required.

We also submit the noise report prepared by MRL which suggests acoustic upgrading to a higher level than Building Control require as set out in the recommendations sections and cut and pasted below for ease

Lift the existing floorboards and fit 150mm thick (minimum) dense mineral wool insulation with a minimum density of at least 40 kg/m³ between the floor joists;

- Re-lay the existing floorboards and make good any damaged areas, holes, gaps, etc.
- Overlay the separating floors with minimum 4m thick hardboard;
- Bond 4.5mm thick Isomass Isocheck Re-Mat 5 onto the new hardboard or;
- Bond 5mm thick Regupol Sonus Core 5 rubber mat onto the new hardboard or;
- Install any other similar performing minimum 4 – 5mm thick rubber or foam resilient layer over the new hardboard flooring;

· On the ceilings below, inspect and repair any holes and damaged areas with suitable dense plaster and then provide a suspended ceiling below comprising minimum 50mm deep timber battens lined with 2 x 15mm thick SoundBloc plasterboard fitted on 16mm deep British Gypsum resilient bars;

The plasterboard ceiling linings must have the joints staggered and the edges taped and sealed.

for dwellings formed by material change of use.

Regulated by RICS

Jonathan Bolton CEMDipFM MRICS Graham Dawes

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6.11 Using our INSUL software, we have predicted that the party floor construction outlined above, if constructed properly with a high level of workmanship and attention to detail, should provide an airborne sound reduction level of approximately 54 dB $R_w - 4$ dB C_{tr} .

6.12 This would equate to an airborne sound insulation level of 50 dB R_w which in turn can be approximated to 45 dB $D_{nT,w} + C_{tr}$. This approximate level of airborne sound insulation demonstrates compliance with the minimum level of 43 dB $D_{nT,w} + C_{tr}$ required under Part E

The acoustic measures recommended by MRL include installing a new ceiling below the existing ceilings so that is something for consideration by the Conservation Officer.

MRL advise that a 10dB upgrade by Building Control is not required and is impossible to achieve. The acoustic report was supplied to STG with the full plans application and now we have full plans approval this also demonstrates this level of upgrade is not required.

Yours faithfully

A handwritten signature in black ink, appearing to read 'J. Bolton', is written over the printed name 'Jonathan Bolton'.

Jonathan Bolton