



Mulbury Homes (Blossom Street) Limited

Noise Impact Assessment

dBx Acoustics Ltd
The Old Co-Op Building, 23 Sam Road
Diggle, Oldham OL35PU

16031 Blossom Street R01
Client: Mulbury Homes Limited
Date: 16 September 2016

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Conclusion

This report details the noise survey and subsequent noise impact assessment for proposed residential development at Blossom Street, Manchester. In order to provide a thorough noise impact assessment for the site, the draft ProPG methodology has been used to assess the suitability of the site for such development with reference to the published requirements of Manchester City Council with regard to noise.

Having identified that a Level 2 assessment is required for this high-risk site, the report goes on to detail the acoustic modelling exercise which has been carried out. This includes road noise, and an assessment of façade noise levels at all floors of the building.

Recommendations for ventilation and glazing strategy are provided in outline, and it is demonstrated that internal noise levels appropriate for residential amenity in accordance with ProPG and BS 8233 are achievable, but that natural ventilation by means of open windows will not be appropriate for this site.

A Level 2 ProPG assessment is provided setting out how the acoustic design has mitigated noise levels as far as possible, both internally and for external amenity areas. The ultimate recommendation to the planning Decision Maker is that permission should be granted, subject to standard conditions relating to internal ambient noise levels and plant noise emission levels.