



SALTHOUSE PUB COMPANY LTD

**WITHINGTON, 437 WILMSLOW ROAD
MANCHESTER**

NOISE MANAGEMENT PLAN

14 February 2022

AEC REPORT: P4510/R2/RDC

Acoustic & Engineering Consultants Limited

Suite 316, 3rd Floor, Broadstone Mill, Broadstone Road, Stockport, SK5 7DL
Tel: 0161 449 5900 Fax: 0161 449 5901 www.aecltd.co.uk

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Prepared by:  R D Chamberlain BSc (Hons) MIOA(D)

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1.0 INTRODUCTION

- 1.1 Acoustic & Engineering Consultants Limited (AEC) has been appointed to provide a noise management plan relating to the proposed external seating areas at the proposed restaurant / bar known as Withington, to be located at 437 Wilmslow Road, Manchester.
- 1.2 This report details the sound management scheme that will be put in place to monitor and manage noise levels at noise sensitive properties. Measures that should be adopted to achieve compliance with the agreed noise conditions are specified in Section 2.
- 1.3 This document should be considered as a live document which may develop further as a result of liaison with the client and Manchester City Council.
- 1.4 Acoustic terminology used throughout this report is described in brief in Appendix A.

Withington

- 1.5 The proposed development is located on the junction of Wilmslow Road and Swinbourne Grove, at 437 Wilmslow Road, Manchester. The pub will be accessed directly off Wilmslow Road and it is understood that it will operate from 1000h to 2300h, Monday to Sunday. The site will have two seating areas: one on Wilmslow Road with 40 seats and one with 20 seats on Swinbourne Grove. The latter seating area will be enclosed by an existing 2m high brick wall.
- 1.6 The nearest residential properties to the proposed site are the neighbouring property at No. 2 Swinbourne Grove (currently unoccupied but has been assumed it will become apartments) and the apartment block at No. 4 Swinbourne Grove.
- 1.7 A location plan showing the proposed development and nearest noise sensitive properties is shown in the following Figure 1.1 below.

Figure 1.1 – Site Location Plan



2.0 NOISE MANAGEMENT PLAN

2.1 Careful consideration will be given to implementing a noise management programme to manage noise associated with the external seating areas. The contents of the noise management plan will be agreed with the Local Authority.

2.2 Details of the noise management plan are provided below:

Noise Management

2.3 The overall implementation and maintenance of the noise management protocol will be the responsibility of the site manager, with the day-to-day management of noise delegated to the shift manager on duty at the time. The site manager will provide contact details to the Environmental Protection Manager (or equivalent) so that any noise complaints made directly to the Local Authority can be handled quickly and efficiently.

Operating Times

2.4 It is understood that both of the seating areas will operate in line with the proposed restaurant / bar, which is understood to operate from 1000h to 2300h, Monday to Sunday. Care should be taken by the site manager to ensure these areas are appropriately closed off at 2300h. This could be enforced by removing all chairs and tables in the area and moving them inside overnight, for example.

Amplified Music

2.5 It is understood that there will be no external amplified music in either of the external seating areas. Care should be taken to ensure that the doors leading to both seating areas are not left opened for sustained periods of time that would mean that noise from the internal speaker system does not break out into these areas.

Capacity

2.6 Calculations have been undertaken to determine the anticipated noise breaking out from both seating areas and details can be found within AEC's noise assessment for the site that is publicly available on the Manchester City Council planning portal (AEC ref: P4510/R1a/RDC). Within these calculations, it was assumed that Seating Area 1 would have capacity for 40 patrons and Seating Area 2 would have capacity for 20 patrons.

2.7 Care should be taken by the site manager to ensure these limits are not exceeded and this could be controlled with the amount of seating available.

Noise Monitoring and Management

2.8 Noise level checks will be carried out as part of any routine patrols around the site and should also include regular noise level checks at the nearest residential properties during the daytime and night-time periods. If unacceptable noise levels are observed, the source would be identified and the guest would be asked to reduce the noise levels.

2.9 A direct line of communication should be established and maintained between a person checking noise levels at offsite locations and a responsible person onsite who may be required to take any action.

2.10 As far as is reasonably practicable, venue staff should ensure that guests keep noise to a minimum. Practical measures may include but are not limited to:

- Notices externally within the seating areas requesting the patrons to keep noise to a minimum and to respect the local neighbours.

- Additional notices at the entrance on all doors leading to the seating areas to inform patrons that the restaurant / bar is located with nearby residential and that they must be respected.
- Where patrons are not adhering to this, it is proposed that in the first instance, they are asked to remain indoors.

Management of Noise Complaints

- 2.11 Local residents should be provided with a means by which noise complaints may be made, either by email or telephone which may be provided either by a letter or leaflet drop or an advertised number on the company website.
- 2.12 Should a noise complaint be received, it should be investigated and a subjective assessment of the noise noted. If noise levels are considered to be intrusive and likely to cause complaint, immediate action would be taken to reduce the noise at source.
- 2.13 A complaints log should be kept, detailing the time of complaint, address and any actions taken, which should be made available to the Local Authority upon request. The results of any noise checks should also be logged, including times, locations and any action taken. An example noise measurement/complaints log is provided in Appendix B.

Review of Noise Management Plan

- 2.14 The noise management plan will be agreed with Manchester City Council in accordance with the requirements of the Environmental Health Department and reviewed to ensure an effective and responsive protocol is established and maintained between all parties.

APPENDIX A - Acoustic Terminology in Brief

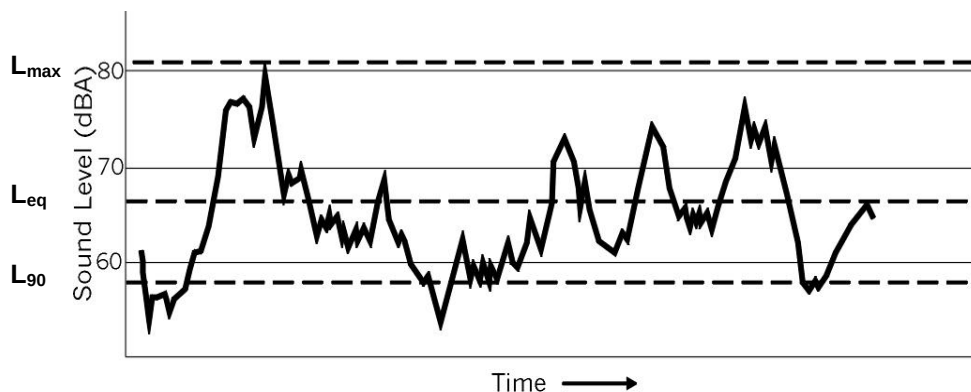
Sound is produced by mechanical vibration of a surface, which sets up rapid pressure fluctuations in the surrounding air. The rate at which the pressure fluctuations occur determines the pitch or *frequency* of the sound. The frequency is expressed in Hertz (*Hz*), that is, cycles per second. The human ear is sensitive to sounds from about 20 Hertz to 20,000 Hertz. Although sound can be of one discrete frequency - a 'pure tone' - most noise is made up of many different frequencies.

The human ear is more sensitive to some frequencies than others, and modern instruments can measure sound in the same subjective way. This is the basis of the A-weighted sound pressure level *dBA*, normally used to assess the effect of noise on people. The *dBA* weighting emphasises or reduces the importance of certain frequencies within the audible range.

Noise Units

In order to assess environmental noise, measurements are carried out by sampling over specific periods of time, such as fifteen minutes or one hour, the statistically determined results being used to quantify various aspects of the noise.

The figure below shows an example of sound level varying with time. Because of this time variation the same period of noise can be described by several different levels. The most common of these are described below.



Example of Sound Level Varying With Time

- $L_{Aeq,T}$** The equivalent continuous (A-weighted) sound level. May be thought of as the "average" sound level over a given time, *T*. It is used for assessing noise from various sources: industrial and commercial premises, construction sites, railways and other intermittent noises and can be considered as the "ambient" noise level.
- L_{A90}** The (A-weighted) sound level exceeded for 90% of a measurement period. It is the value used to describe the "background" noise.
- L_{Amax}** The maximum (A-weighted) sound level during a measurement period.
- Free-field Level** This refers to the sound level measured outside, away from reflecting surfaces.
- L_{AE}** The A-weighted sound exposure level is the equivalent noise level of an event as if the event was of one-second duration and allows the overall average, L_{Aeq} , level to be determined over different time periods for a number of events. L_{AE} is a mathematical unit which cannot easily be described in terms of perception.

APPENDIX B – Example Noise Measurement/Complaint Log

Date / Time	Location	Observations	Checker (Initials)	Actions