

Noise Impact Assessment

in support of the planning application

Proposed Development at
Project: Assunnah Islamic Centre
Client: Assunnah Islamic Centre

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1.0 Introduction

This Noise Impact Assessment supports the planning application for the proposed redevelopment of the Assunnah Islamic Centre site, located within the London Borough of Haringey.

The principal purpose of the redevelopment is to enhance the existing facility to better accommodate community activities and services, while ensuring that any potential impact on the surrounding area, particularly in terms of noise, is appropriately considered.

This assessment adopts a proportionate, qualitative approach, reflecting the nature of the proposals as an evolution of an established use rather than the introduction of new noise-generating activities. It considers both:

- The impact of the existing noise environment on the proposed development; and
- The potential impact of the development on surrounding receptors.

The development retains the existing listed building and introduces additional accommodation to support the current use. Importantly:

- Hours of operation will remain unchanged
- No amplified call to prayer will be introduced (in line with existing restrictions)

2.0 Site Description

The site is located within a mixed-use urban environment, with light industrial uses to the rear and commercial uses along the High Road (A1010) frontage.

Residential receptors are located immediately adjacent to and in close proximity to the site. These receptors are already subject to an established noise environment influenced by:

- Road traffic along the A1010
- London Overground railway operations
- Commercial and light industrial activity

3.0 Proposed Development

The proposed development comprises:

- Replacement of an existing building with a sympathetic four-storey extension
- Provision of additional space for community, educational, and leisure activities
- Improved facilities, including accessibility and ablution areas

The proposals represent a continuation and modest intensification of an established use, rather than the introduction of new activities.

The operational characteristics remain consistent with the existing use:

- Daily prayer times (early morning and evening)
- Friday congregational prayers (peak periods)
- Seasonal events (e.g. Ramadan, Eid)

The proposals are not expected to materially alter the nature or pattern of use of the site.

No external amplified sound systems are proposed.

4.0 Assessment Methodology

This assessment is informed by:

- National Planning Policy Framework (NPPF)
- Noise Policy Statement for England (NPSE)
- Planning Practice Guidance on Noise (PPG-Noise)

The NPSE aims to:

1. Avoid significant adverse impacts on health and quality of life
2. Mitigate and minimise adverse impacts
3. Where possible, improve health and quality of life

The PPG-Noise introduces the following hierarchy:

- NOEL – No Observed Effect Level
- NOAEL – No Observed Adverse Effect Level
- LOAEL – Lowest Observed Adverse Effect Level
- SOAEL – Significant Observed Adverse Effect Level

A qualitative assessment approach has been adopted, which is considered appropriate given:

- The established nature of the site use
- The absence of significant new noise sources
- The characteristics of the surrounding environment

A detailed quantitative assessment is therefore not considered proportionate at this stage.

5.0 Baseline Noise Environment

The site is located within an environment where ambient noise is influenced by:

- Road traffic
- Railway activity
- Commercial and light industrial uses
- General urban activity

The site has operated as a mosque and community facility for many years and there is no evidence available to the authors of significant noise issues associated with its operation.

The surrounding noise environment is therefore well established and relatively robust.

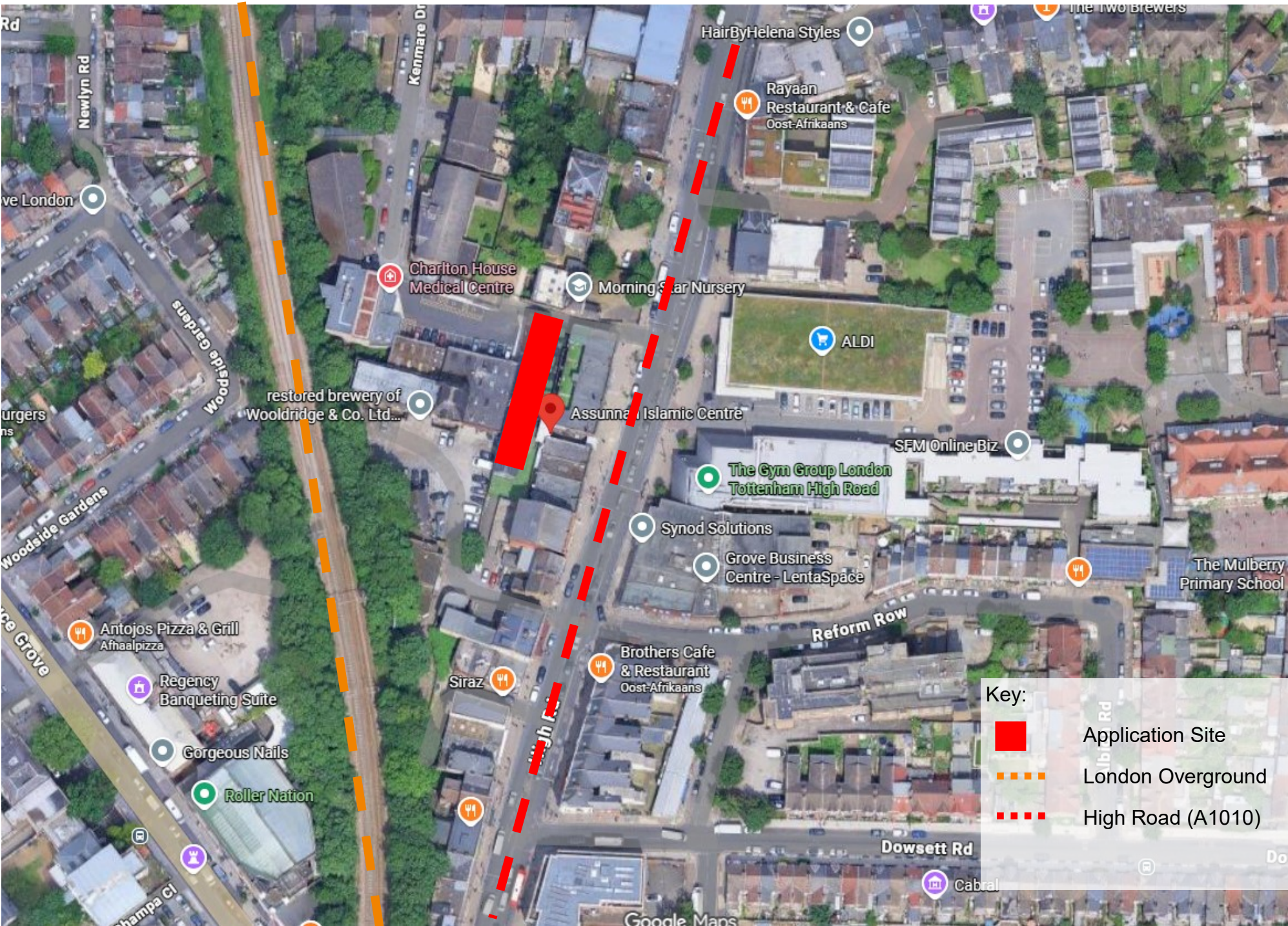


Fig 5.1 - Site plan

6.0 Assessment of Existing Noise

Impact on Future Users

The proposed courtyard will provide external amenity space. While external noise levels may reflect the urban context, this is consistent with many similar developments.

BS8233:2014 suggests that external amenity areas should ideally achieve noise levels not exceeding 50 dB LAeq,T, although values up to 55 dB LAeq,T may be acceptable in noisier urban environments.

Where this is not achievable, design measures should aim for the lowest practicable levels, with acceptable internal conditions maintained.

Impact on Surrounding Receptors

The proposed development is unlikely to give rise to significant adverse effects on nearby receptors for the following reasons:

- Established use: The site is already in active use as a mosque and community facility
- No change in hours: No extension into more sensitive periods
- No amplified sound: Removes potential high-impact noise source
- Nature of activity: Predominantly speech and movement, not high-intensity noise
- Courtyard scale: The courtyard is relatively small in scale, enclosed by the proposed building form and intended primarily as ancillary circulation and amenity space rather than a principal gathering area.

Primary potential noise sources:

- Arrival and departure of visitors
- General conversation within the courtyard
- Mechanical plant (if introduced)

Noise impacts are expected to be negligible to minor and are unlikely to result in significant adverse effects.

7.0 Mitigation Measures

Although significant adverse effects are not anticipated, the following measures are proposed:

7.1 Construction Phase:

- Construction noise is temporary and will be controlled through a Construction Environmental Management Plan (CEMP).

7.2 Operational Mitigation:

- Building fabric designed to contain internal noise
- Plant noise shall be designed so that the rating level does not exceed the representative background sound level at the nearest noise-sensitive receptor.
- Any kitchen extraction or ventilation systems will be designed such that the rating level does not exceed the representative background sound level at the nearest noise-sensitive receptor.

7.3 Layout Measures:

Courtyard designed with enclosure/screening to limit noise breakout

7.4 Management Measures:

- Use of external areas aligned with existing operational hours
- General management of site activities to minimise disturbance

8.0 Conclusion

This assessment has considered the potential noise impacts of the proposed development at the Assunnah Islamic Centre.

The proposals represent a continuation and modest intensification of an established use within an existing urban noise environment.

It is concluded that:

- The development is unlikely to give rise to significant adverse effects on surrounding receptors.
- Noise impacts are expected to be negligible to minor and are unlikely to result in significant adverse effects.
- The proposals are consistent with national planning policy objectives.

The development is therefore considered acceptable from a noise perspective.

It is anticipated that any planning permission may include conditions consistent with the existing consent, ensuring the continued protection of neighbouring amenity.