

Noise Mitigation Scheme

PROPOSAL: Change of use of garage to dog grooming Unit:

18 Meltham Road
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HD9 6HX

CLIENT: B. Sutton



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1. Overview

PAD Architecture has been instructed by our client, Brooke Sutton, to prepare and submit this noise mitigation scheme.

This document outlines the comprehensive measures that will be implemented to minimize noise disturbances resulting from the conversion of the garage into a dog grooming unit.

The goal is to ensure responsible operation and foster a positive relationship with the surrounding community, following the successful securing of initial planning permission.

2. Operational Hours

Limited Operating Hours:

The activities are scheduled from 9 AM to 5 PM on weekdays and 10 AM to 2 PM on weekends.

This schedule is designed to avoid early morning and late evening disturbances, aligning with community expectations for quiet hours.

Our client will clearly communicate these hours to clients during the appointment booking process.

3. Equipment Selection

Low-Noise Equipment:

Our client will utilize quieter grooming tools, including low-decibel clippers and high-efficiency dryers specifically designed for reduced noise output.

This selection minimizes the acoustic impact during grooming sessions.

Regular Maintenance:

A routine maintenance schedule will be established to ensure that all grooming equipment operates at optimal efficiency and noise levels.

This will include regular checks and servicing of clippers, dryers, and other tools to prevent excessive noise due to wear and tear.

4. Soundproofing Measures

4.1 Wall Insulation

The garage walls will be treated with 15mm MDF over studs, tightly insulated with soundproof insulation, and an additional 200mm of Rockwool for thermal efficiency.

This combination significantly reduces sound transmission to and from the unit.

4.2 Ceiling Treatment

Similar to the walls, the ceiling will feature 15mm MDF, installed over ceiling joists and insulated with soundproof materials to minimize noise escape and improve energy efficiency.

4.3 Flooring Solutions

The floor will be raised by 100mm and insulated using the same soundproof insulation methods.

A vinyl-type floor will be installed to reduce echo and further dampen sound created by dog movements and equipment.

5. Structural Barriers

Exterior Sound Barriers:

The property has existing boundary fencing, including dense shrubs and trees, to act as sound barriers that block and absorb noise.

These natural barriers help create a quieter outdoor environment.

All doors and windows will be properly sealed and insulated to prevent noise from escaping the garage.

Weather stripping and soundproofing materials will be applied to ensure minimal sound leakage.

6. Community Engagement

Our client will proactively communicate with nearby residents to inform them about the operations of the grooming unit and the specific measures taken to mitigate noise.

This communication will be direct conversations to ensure clarity and transparency.

7. Monitoring and Review

Post-Implementation Review:

After the grooming unit becomes operational, my clients will conduct periodic reviews of the effectiveness of our noise mitigation strategies.

This may involve informal checks with neighbours and staff observations to assess noise levels.

9. Conclusion

This noise mitigation scheme details the comprehensive measures that will be implemented to minimize noise from the dog grooming unit.

By incorporating advanced soundproofing techniques and engaging with the community, we aim to create a harmonious environment for both the business and the surrounding community.

My client's commitment to responsible operation ensures that they remain good neighbours while providing quality grooming services.