

Noise, Vibration, and Dust Mitigation Measures for 173 Percy Road, Hampton, TW12 2JN

Introduction

This statement outlines the measures to mitigate noise, vibration, and dust during the construction project at 173 Percy Road, Hampton, TW12 2JN. These measures are considered to comply with UK standards and minimize the impact on the local community and environment.

Noise Mitigation Measures

1. Operational Hours:

- **Restrict noisy activities to standard working hours:** Typically, the time will be from 8:00 am to 6:00 pm on weekdays, and 9:00 am to 1:00 pm on Saturdays. No work on Sundays and public holidays.

2. Low-Noise Equipment:

- Hydraulic equipment is proposed as it is quieter than pneumatic equipment for tasks like breaking concrete.

3. Regular Maintenance:

- Routine Checks: regular maintenance and servicing of all machinery to prevent excessive noise due to faults or wear and tear.

Vibration Mitigation Measures

- Isolation Pads: vibration isolation pads will be used under machinery to absorb and reduce ground-borne vibration.
- Rubber Matting: Use of rubber matting around high-vibration equipment to dampen vibration transmission.

4. Dust Mitigation Measures

- 1-** Dust Boss or similar machines that produce fine mists to capture airborne dust particles.
- 2-** Covering of materials during transport and stockpiles with sheeting to prevent dust escape.
- 3-** Use of enclosed chutes for material transfer from heights to reduce dust spread