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Noise Impact Statement

Mansfield Hand Car Wash, Mansfield Road, Sutton In Ashfield, NG17 4HG

Project: Change of use of Upper Floor Offices above a Car Wash to form 2 No. Studio Flats with internal alteration, car parking, cycle parking and bins.

A robust mitigation strategy has been developed to ensure a high level of residential amenity despite the proximity to Mansfield Road (B6023) and the ground-floor car wash:

- **Separation from Ground Floor:** The separating floor between the commercial and residential levels will be upgraded to meet **Approved Document E** of the Building Regulations, achieving a minimum airborne sound insulation of 43 dB.
- **Commercial Operations:** The Mansfield Road Hand Car Wash operates during standard daytime hours and does not involve heavy industrial machinery or 24-hour activity, limiting the noise impact during sensitive night-time hours.
- **Glazing Specification:** High-performance acoustic double glazing will be installed on the Mansfield Road elevation to mitigate ambient traffic noise from the strategic corridor.