

Ventilation & Extraction Statement

Site Address: 33 Market Place, Devizes, Wiltshire, SN10 1JG

Applicant: Mr. Mustafa Suna

Agent: ESI Licensing & Legal Consultancy Ltd. (Elif Goksal)

Proposal: Change of Use from Class E (Retail) to Sui Generis (Hot Food Takeaway) with Installation of Extraction/Ventilation System

1. Description of System

The proposed kitchen extraction system is designed to comply with DW172 standards and DEFRA/EMAQ+ guidance for commercial kitchen ventilation. It consists of a stainless steel canopy positioned above cooking appliances (pizza oven, doner grill, fryer), connected to ductwork routed internally and discharging at roof level.

The system includes:

- Stainless steel canopy and internal ducting.
- Electrostatic Precipitator (ESP) for grease removal.
- Activated carbon filter for odour control.
- In-line silencer to minimise fan noise.
- High-velocity jet cowl at roof level for vertical exhaust discharge.
- External ducting finished in matte black powder coat to blend with the roofscape.
- Fixings installed in mortar joints wherever possible, ensuring full reversibility and minimal impact to the listed building fabric.

Relevant Drawings: A125–A128 (Proposed Elevations), A129–A132 (Proposed Sections), and A138 (Ventilation Schematic Elevation).

2. Noise Impact

Noise emissions from the proposed system have been assessed in the Noise Impact Assessment (DAA Group, 2025). The selected fan (AMF-630/1) operates at low noise levels, and results confirm that emissions are below background noise levels at nearby receptors, in accordance with BS 4142:2014. Mitigation measures include acoustic silencers, ESP acoustic housings, and roof-level discharge that directs noise away from residential façades.

3. Odour Control

Odour mitigation has been assessed in the Takeaway Odour Assessment (Rest Assured Consultancy, 2025). The system provides high-level odour and grease control through a multi-stage filtration process. Air passes sequentially through canopy filters, an electrostatic precipitator, and a deep-bed activated carbon filter prior to discharge. The configuration achieves compliance with DEFRA 'Guidance on the Control of Odour and Noise from Commercial Kitchen Exhaust Systems (EMAQ+, 2018)'.

A regular maintenance schedule will be implemented, including filter replacement and cleaning in accordance with manufacturer guidance to ensure ongoing performance.

4. External Appearance

External alterations are limited to the roof-level discharge point. The duct and jet cowl will be finished in matte black to reduce visual impact. The system will not affect the principal Market Place elevation or historic features. All works are designed to be fully reversible and sympathetic to the building's Grade II listed status.

5. Summary

The proposed extraction and ventilation system ensures that noise and odour emissions are fully controlled and that external visual impact is minimal. The installation represents a proportionate and sensitive intervention that will preserve the special interest of the listed building while supporting its viable reuse as a hot food takeaway.