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August 28, 2025

- Dear Sir/Madam,

- We note your concerns regarding discharge Condition 4 (Flue):
 - The termination point of the flue in relation to upper-floor apartment windows and any building air intake.
 - The absence of details regarding future maintenance of the flue.
- In response, please find the following:
 - Flue Termination Point: We have provided updated drawings and specifications indicating the exact location and height of the flue termination point, clearly showing its distance and positioning relative to all upper-floor apartment windows and building air intake points.
 - The exhaust treatment system is designed with a multi-stage process to ensure compliance with air quality and safety standards. Initially, the Electrostatic Precipitator (ESP) captures fine particulate matter, grease, and smoke, significantly reducing the particulate load in the exhaust stream. Following this, the controlled ozone treatment unit oxidizes and neutralizes volatile organic compounds (VOCs) and odor-causing molecules, ensuring that the discharged air is free of harmful contaminants. At the termination of the canopy ductwork, a jet terminal is installed, which accelerates the treated airflow and disperses it at a higher altitude. This high-velocity discharge promotes effective dilution and dispersion of residual gases into the atmosphere, thereby mitigating ground-level impact and preventing any nuisance or health hazards to surrounding areas.
 - Future Maintenance Details: A flue maintenance plan is attached that outlines inspection intervals, cleaning schedules, responsible parties, and access arrangements to ensure continued safe operation and compliance.
 - We have attached the fan that will be installed for the fresh air intake into the kitchen.

- Condition C5 Noise
- A. Extract Fan Details
- We have submitted updated documentation that includes:
 - Manufacturer and model of the extract fan.
 - Technical specifications, including:

- Sound power levels (dB LwA) and sound pressure levels (dB LpA) at reference distances.
 - Fan speed, motor type, and airflow rate (m³/h).
 - Installation method, including mounting arrangement and vibration isolation measures.
 - Location plan and elevation drawings showing the position of the extract fan relative to sensitive receptors (e.g., neighbouring windows).
- B. Implementation of Mitigation Measures
 - We confirm that the mitigation measures specified in the Lighthouse Acoustics report (Ref: 1436/PSA1) will be implemented in full, including:
 - Installation of duct lining and acoustic attenuator as specified.
 - Ensuring fan speed and operational parameters match the tested conditions in the report.
 - Maintenance and inspection regime to ensure acoustic performance is retained over time.
 - We will provide a signed compliance statement confirming the measures have been incorporated into the installation and will be maintained for the lifetime of the equipment.
 - C6 Flue Removal
 - We acknowledge that this condition does not require formal discharge, but does require that:
 - The existing flue is removed following the installation of its replacement.
 - The related section of the gable wall is reinstated using matching materials to the existing façade.
 - We confirm that these actions will be carried out in full compliance with the condition. The reinstatement will use matching brickwork and mortar to ensure the appearance and finish is consistent with the existing gable wall.
 - C7 Roller Shutters
 - Document for Roller Shutter information is attached.
 - We trust that the additional information will address the outstanding points.
 - Kind regards,

Talat Zeria
Design Consultant

