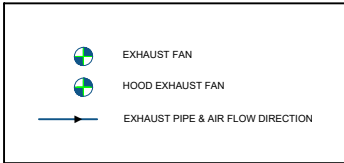


GROUND FLOOR EXHAUST PLAN  
PROPOSED PLAN

1 REF: A.03-100

SCALE : 1:50(A3)



EXHAUST FAN SCHEDULE									
NO.	SECTION	LOW	SP	WATER	WATER	VOLUME	WATER	WATER	WATER
1	1	1	1	1	1	1	1	1	1

NOTE:

This design pertains solely to the new toilet exhaust system at CAFE, UNIT 5, 120 Fenchurch Street, London, EC3M 5BA. All other HVAC systems within the unit are existing and remain unchanged. The new toilet exhaust system is independent and not connected to the basebuild system.

Key design considerations and regulatory compliance measures include:

1. Separation from Food Preparation Areas:

Toilets must not open directly into food preparation or consumption areas. A ventilated lobby should be provided between the toilet and any food handling areas to act as a barrier against odours and airborne contaminants, in accordance with UK building regulations.

2. Mechanical Ventilation Requirements:

The toilet is provided with a dedicated mechanical extract ventilation system to ensure effective removal of odours and moisture. The system is designed to meet or exceed the minimum extraction rates as specified in Approved Document F of the UK Building Regulations.

3. Ventilation System Design:

- Airflow Direction: The system is designed to ensure air flows from cleaner to less clean areas, preventing cross-contamination.
- Ductwork: All ducting is appropriately sized, durable, and easy to maintain, with the exhaust air discharged directly to the outside environment.

- Noise Control: Acoustic considerations have been addressed to ensure that noise from fans and duct air movement is minimized for customer and staff comfort.

4. Compliance with Health and Safety Standards:

The ventilation system complies with Health and Safety Executive (HSE) guidelines for catering establishments, ensuring adequate airflow, hygiene, and system maintainability.

By adhering to these standards and regulations, the new toilet exhaust system contributes to maintaining a safe, hygienic, and comfortable environment for both customers and staff.



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SEAL:

Release for construction

EXHAUST FAN PLAN

Drawn by: Engr. Al Amin

Checked:

Date: FEB, 06.

EX. 1

Scale: 1:100