

Ventilation Statement

The proposal will comprise an extract only kitchen ventilation system, based on the confirmed cookline, and in accordance with DEFRA guidelines and the HVCA DW172 specification for commercial kitchens.

The stainless steel canopy would be the full width of the rear of the kitchen (approx. 3840mm) and be manufactured from 20swg 304 grade stainless steel, complete with standard baffle type grease filters and LED lighting.

All ductwork would be manufactured and installed in accordance with the HVCA DW172 specification, with access/cleaning doors, as shown on the enclosed plan.

Odour control will consist of

- 1 x UV1000 module
- 2 x ESP4500 modules in a double pass configuration
- 12 x 600mm x 600mm x 200mm site safe carbon filters, in a galvanised sheet steel enclosure

All the odour control equipment would be supplied by Purified Air Ltd.

The kitchen extract fan would be a high temperature rated (motor out of airstream) with a speed controller, and an outlet sound attenuator.

Air would be exhausted from the front elevation of the building, via a standard wall louvre, with a bird-mesh grille.

Fresh air, by natural ingress, would be provided to the venue via an identical wall louvre, but with a pressure relief flap on the inside of the venue, so when the extract fan is OFF, the PR flap would be closed, and when the extract fan is ON, the PR flap would open, allowing fresh air, at high level into the venue. This would prevent the front door from being 'pulled open' by the extract air system, and provide fresh, replacement air for the extraction system.

The ventilation is all internal apart from the exhaust louvre. Therefore there will be no noise implications associated with the proposed ventilation equipment required.



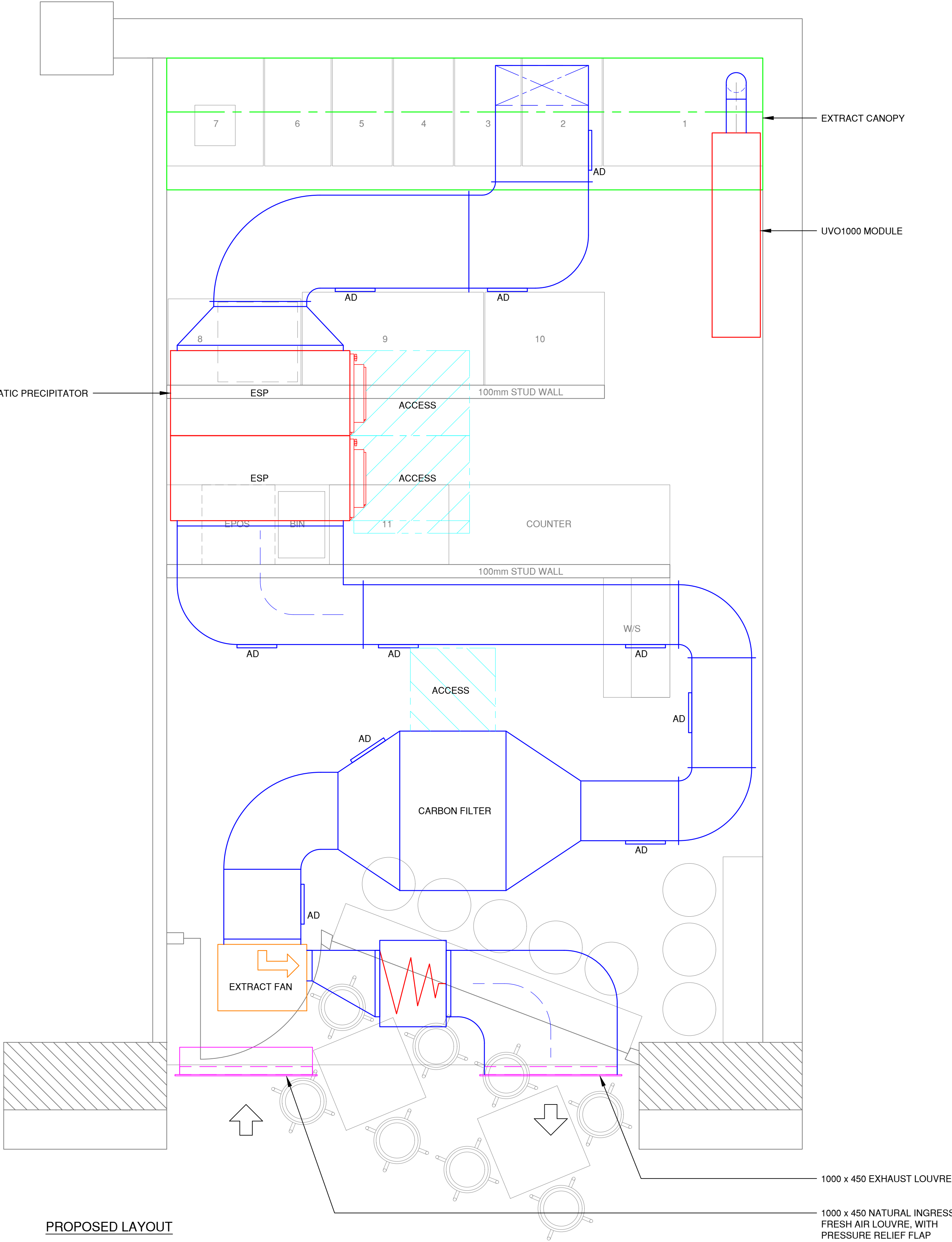
FRONT ELEVATION



KITCHEN VENTILATION
EXHAUST LOUVRE
(1000 x 450)

KITCHEN VENTILATION
NATURAL INGRESS
FRESH AIR LOUVRE
(1000 x 450)

DOUBLE PASS ELECTROSTATIC PRECIPITATOR



PROPOSED LAYOUT

KITCHEN COOK-LINE	
REF	DESCRIPTION
1	1200 x 812 CHARGRILL
2	500 x 812 PLANCHA
3	500 x 812 INFILL TABLE
4	450 x 812 FRYER
5	450 x 812 FRYER
6	1500 x 700 SINK UNIT
7	305 x 305 HAND WASH BASIN

EXTRACT CANOPY

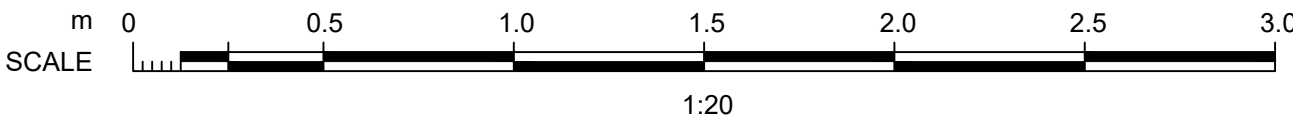
UVO1000 MODULE

CARBON FILTER

EXTRACT FAN

1000 x 450 EXHAUST LOUVRE

1000 x 450 NATURAL INGRESS
FRESH AIR LOUVRE, WITH
PRESSURE RELIEF FLAP
ON INSIDE



A	10.9.22	ELEVATION ADDED	PAS
Rev	Date	Description	By
SWAN Projects			
tel: 0161 300 3465 fax: 0161 959 2093 E mail: Info@swan-projects.com			
Client	CHEEKY DEANOS		
Project	95 OXFORD STREET, MANCHESTER, M1 6ET		
Title			
KITCHEN VENTILATION			
Scale	1:20, 1:50	Drawing Number	Rev
Date	8.9.2022	C719/1	A
Drawn	PAS		
Checked			