

**Design and Access Statement**

**Date: 4<sup>th</sup> September 2016**

**Application for Permanent Change of Use to A3 With 3 Tables and 6 Chairs For External Seating Area**

**Applicant Name and Address**

Candela Kusack

**Site Address**

Coffee Blooms

39 Lambs Conduit Street

London

WC1N 3NG

## Design and Access Statement

### Proposed Works

#### Installation of recirculation kitchen canopy

This is a self-contained ventilation unit that extracts cooking fumes and odours and returns them back into the kitchen area. No external duct work to atmosphere is needed

The dedicated service chamber on the side of the extract canopy has a built in 5 stage filter system and internal fan that reduces the contaminated air stream before introducing them back into the kitchen.

The recirculation extract kitchen canopy is designed to be used with electrical cooking equipment only and (traditional duct systems and recirculation systems) do not reduce the heat within the kitchen area.

Where possible, a mechanical fresh air system/ cooling systems must be considered to help reduce the heat within the kitchen area.

Recirculation canopy principles:

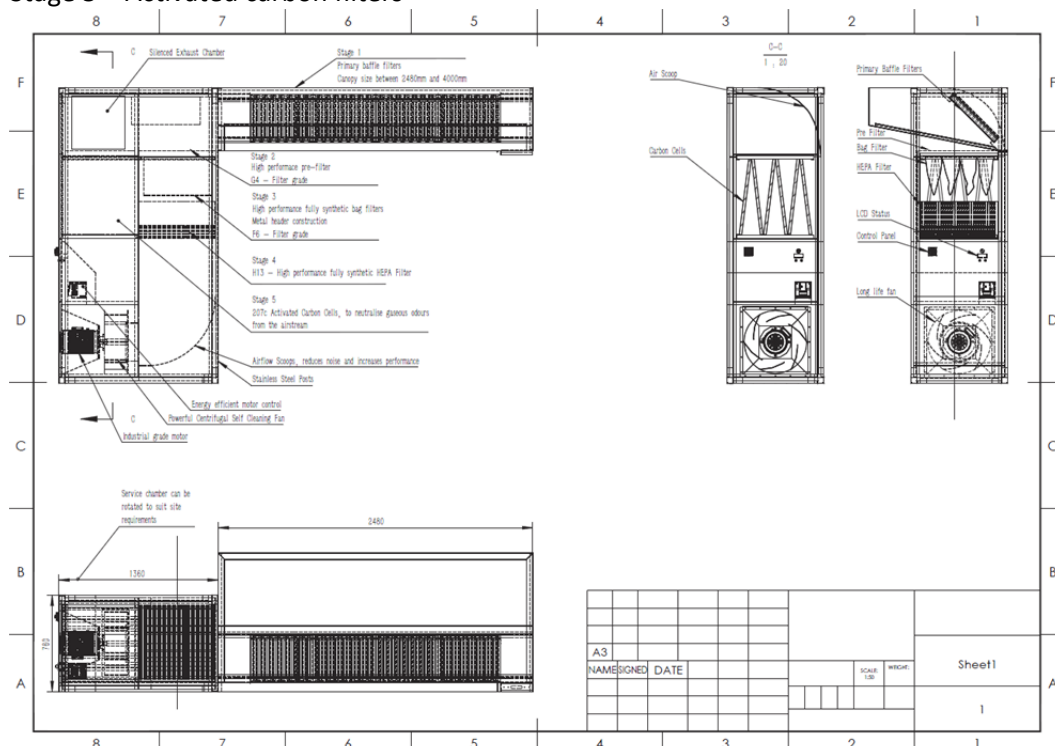
Stage 1 - Primary baffle filters to remove grease from the air stream

Stage 2 – Pre-filter G4 – 80 to 90% arressance

Stage 3 – Bag filter F6 – 60 to 90% efficiency

Stage 4 – HEPA filter F10 – 90 to 95% efficiency

Stage 5 – Activated carbon filters



Extracted air from the cooking equipment is contaminated with grease and is introduced into the air stream. The service chamber to side has a built-in energy efficient three phase fan running via an inverter controller, this has the power to draw through the 5 stages as highlighted above.

Contaminated grease laden air is dealt with at Stage 1, to effectively reduce the grease from the air stream. Once passing through Stage 1 of the filtering process it goes through a further 3 stage to reduce the remaining grease. On final phase (Stage 5) the air stream will pass through the activated carbon filters to reduce the odours before the filtered air stream is reintroduced back to the kitchen area.

### **Installation of mechanical fresh air system**

This will be connected onto the existing window aperture located to the rear of the basement area. The ducting will be manufactured from galvanised steel in spiral or square ducting where necessary, running through the basement area and supply fresh air via a number of supply diffuser

This will help reduce the heat within the kitchen area and assisted the recirculation canopy to extract and filter contaminated air stream more efficiently.

### **Materials**

The recirculation extract canopy will be manufactured from stainless steel, the service chamber will be manufactured from anodised treated aluminium pentapost.

The ducting for the mechanical fresh air system will be manufactured from galvanised steel

## Related Proposal

The premise has been operating as a small café for 1 year under application 2014/6854/P

### Details Page for Planning Application - 2014/6851/P

Site Address 39 Lamb's Conduit Street London WC1N 3NG

### Application Progress Summary

Application Registered 13-11-2014

Comments Until 04-12-2014

Date of Committee

Decision Notified

Appeal Lodged

Appeal Decision

### Application Details

Application Number 2014/6851/P

Site Address 39 Lamb's Conduit Street London WC1N 3NG

Application Type GPDO Prior Approval Class D Commercial 2 year change of use

Development Type Obs to adjoining, GPDOs.

Proposal Temporary change of use of ground floor and basement to restaurant (Class A3) from existing retail (Class A1) use for a period of 2 years from date of decision.

Current Status FINAL DECISION

Applicant Ludmil Jersova

Agent

Wards Holborn & Covent Garden

Location Co ordinates Easting 530634 Northing 181968

OS Mapsheet

Appeal Submitted? No

Appeal Decision

Case Officer / Tel Matthew Dempsey 3862

Division Validation and Fast Track Team

Planning Officer Matthew Dempsey

Determination Level Delegated

Existing Land Use A1 Shop

Proposed Land Use A1 Shop, A3 Restaurants and Cafes

3off table and 6off chairs 2015/3540/TC and is valid from 22/10/2015 to 22/10/2016  
2014

**Pre-application Advice**

N/A

**Neighbour and Community Consultation**

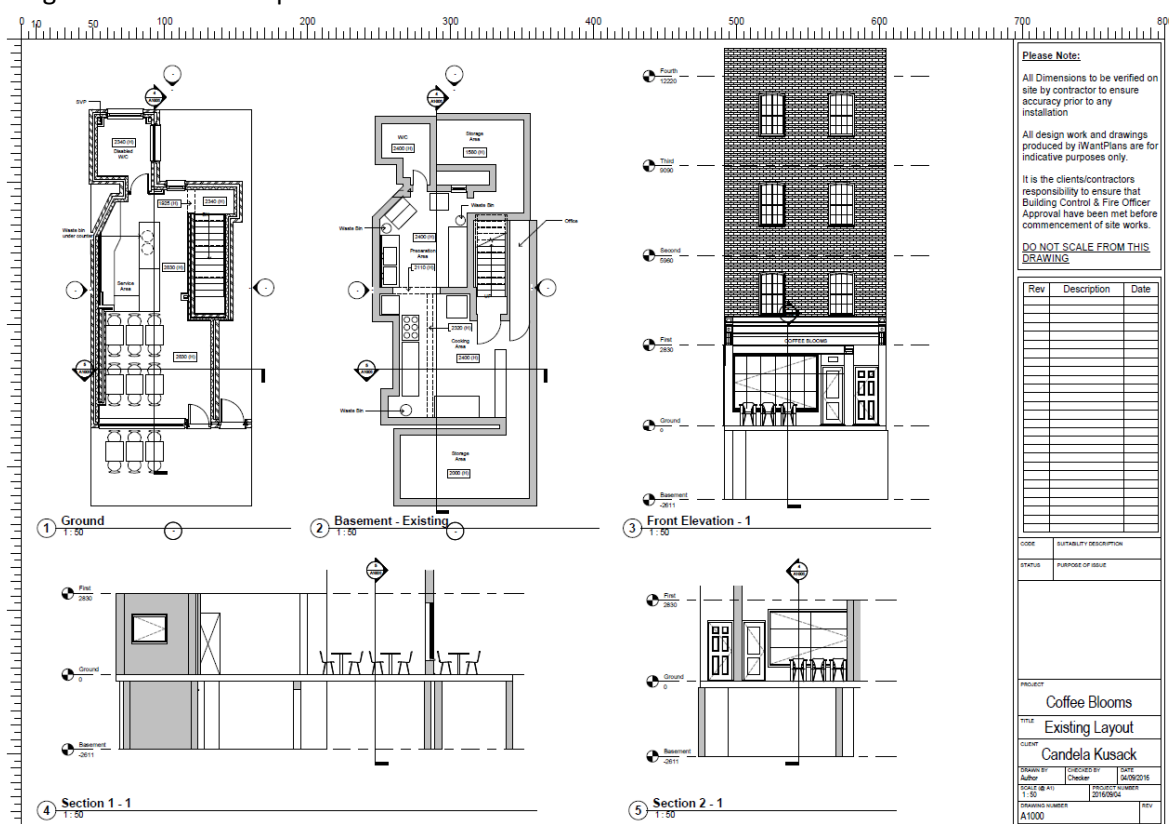
N/A

**Council Employee / Member**

N/A

**Demolition**

N/A



New recirculation kitchen canopy and mechanical fresh air system to be installed within the basement area



## **Summary**

This application will formally give the premise an A3 license to operate with 3 tables and 6 chairs.

It has been operating as a café for 1 year under application 2014/6854/P. The classification under DEFRA under Annex B and C is low as it not discharging extract air to atmosphere, the contaminated air stream can be dealt very easily with the recirculating kitchen canopy – See Appendix 1

This can only be achieved by installing a recirculation system so that the local amenities surrounding the site are not disturbed in anyway.

No external works or external duct work (used in typical extract systems) to atmosphere is required and all the works will be carried out internally.

The recirculation kitchen canopy will only extract grease laden air and reintroduce them back into the kitchen once it has gone through the 5 Stage filtering process.

The mechanical fresh air system will also help this process.

There will be minimal impact on the building internally and externally and the character of the building will remain the same.

## Appendix 1

Defra Specification - Kitchen Extraction Specification, Odour Control Details and Noise Impact Analysis