



**COOLING STATEMENT FOR FITOUT WORKS TO**  
**100 ROBERT STREET, LONDON, NW1 3QP**



Image 001 - Existing front elevation



Image 002 – existing rear elevation

This statement has been written to support our planning application for the fitout of the vacant unit at 100 Robert Street, London. The building is not listed and does not lie within a conservation area.

**AMOUNT OF DEVELOPMENT**

The development involves the installation of two A/C condenser units and an extract grille on the rear elevation at high level on the ground floor.

The installation of new Mitsubishi split air conditioning system for the purpose of heating and cooling within the shop is proposed. It is required to remove heat from the refrigerated cabinets as this helps their performance. Due to the size of the shop two internal cassettes are required, one within the customer area and with the other within the staff preparation areas.

New extract system is proposed for the retail unit within the ground floor areas. Galvanised sheet steel ducting will be run to the ovens, refrigerated equipment, staff and toilet areas. The extract system to ground floor is proposed to exit through the rear elevation.

Extraction is proposed at a rate of 250 l/s. Stainless steel oven canopy complete with removable filters will be installed above the ovens connect to the extract system; this is to remove heat, steam at 250 l/s. New carbon filter cassette will be installed to the oven canopy to eliminate any unwanted odours from the ovens; the filters are required to be changed every 6-12 months. Extraction will be provided for the staff areas at 30 l/s/person.

Extract will be provided to all toilet facilities to remove any unwanted odours extracting at a required rate of at least 6 l/s. Filter will also be fitted to eliminate any unwanted odours. We propose to site our air conditioning condensers on the elevation above the rear doors to the retail unit as per adjacent retailers. There are many air conditioning condensers in close proximity suspected to serve the retail and office units.

The air conditioning and extract is proposed to run 24 hours unless specified by the local authority. This is to help reduce the heat build-up within the shop overnight which will help the performance of our refrigerated cabinets. If a time restriction is set time clocks will be installed onto the system set to the times specified.

Signed applicant

.....*S. Humphries*.....

Date

13 January 2025