

PROJECT: SPACE HOUSE, 1 KEMBLE STREET, LONDON, WC2B 4AN
TITLE: RETAIL UNITS VENTILATION STRATEGY – REV 1

CREATED BY: FENG QIU
CHECKED BY: PIERS WATTS-JONES

DATE: 18.02.21
DATE: 23.02.21

Retail Units Ventilation Strategy Statement

This statement has been prepared to support the section 73 and section 19 applications made subject to the development approved under planning permission ref: 2019/2773/P and listed building consent ref: 2019/2790/L.

Atelier Ten has reviewed the approved retail unit ventilation strategy against the proposed scheme amendments. This note sets out the changes and should supersede the approved strategy.

The following statement highlight the summary of provisions:

- No commercial kitchen extract ductwork connection has been proposed for the retail units. If a commercial kitchen extract is required, a commercial kitchen re-circulation system, such as Reco-Air by Halton, shall be utilized by the tenant.
- External Louvres have been provided for the future tenant to fit the ventilation system. The Louvre area has been sized based on the assumption of 33% floor area as kitchen and 67% floor area as seating area, with 20 ach for the kitchen to allow for food preparation based on DW 172 and 10 l/s/person for the seating areas based on 5m²/person
 - For Block 1 Tower, the air intake louvre is located at the north of the retail unit at high level, facing the 33 kV UKPN substation. The exhaust capped ductwork has been provided at the south of the retail unit at low level. The exhaust ductwork drops to Basement level 1, run across the bike store at high level, then terminate at the exhaust louvre facing the bike stower entrance ramp at Basement level 1.
 - For Block 2 Kingsway, the intake and exhaust louver are located at the west side of the retail units at high level, facing west toward public realm area between Block 1 and Block 2.