

The existing kitchen extract fan on roof level and the ductwork within the riser shall be retained. The retained ductwork is to be cleaned by a specialist kitchen duct cleaning company prior to being extended.

The kitchen extract ductwork and extract canopy within the hot kitchen shall be removed. The kitchen extract ductwork shall be extended to connect to the new kitchen extract canopy.

The existing AHU and attenuators shall be retained and relocated to their new position. The existing supply air ductwork and diffusers shall be removed, and new ductwork installed.

The Contractor shall liaise with the specialist kitchen Contractor and coordinate the supply and extract spigot connection details.

The waste store shall be provided with a dedicated extract fan. The fan shall be controlled and monitored by the BMS. The fan will run on time clock control initially set to 24hour operation with fault monitoring by the BMS.

The CHW and LTHW supplies to the AHU shall be isolated and drained down. The pipework shall be removed, and new connections made to the re-located AHU. The new pipework shall be flushed through and pressure tested prior to opening back up to the existing system.

The Contractor shall inspect the condition of the control valves and re-use if possible.

The existing AHU sensors and controls shall be retained. The Contractor shall determine if the controls cabling can be re-used or needs to be replaced.

The existing kitchen extract fan and supply air make up fan shall be recommissioned to the increased flow rates specified.

## 8.10 Hospitality kitchen and sandwich prep area

The hospitality kitchen will be supplied from the existing VAV system using the existing VAV box. The Contractor shall reuse the existing controls and BMS connections.

A new dedicated extract fan shall be located in the store adjacent with the exhaust air connecting to a new louvre in the façade. The fan shall be controlled and monitored by the BMS. The fan operation shall be linked to the supply air VAV box, and ventilation system so it is only enabled when the system is operation.

The extract system is to be designed and installed to achieve 40dBA at 1m from the façade of the nearest noise sensitive receivers, which would be the façade of 80 Charlotte Street.

The sandwich prep area shall have a new supply air and extract air connection off the base build fresh air system and general extract system. The Contractor shall liaise with the specialist catering installer to set out the grilles in the roof of the insulated cold room enclosure.