

Reference: July – Charlotte Street

Date: 20/12/2023

HVAC specification – description on items as per equipment schedule

- **Overdoor heater** – no space so omitted from scheme + advise on lobby / curtain
- **Comfort cooling** to the FOH is existing using three ceiling mounted units. Kitchen + prep to have wall mounted AC units inline with extract/supply strategy to supply kitchen area. Condensers to be located on flat roof.
- **Restaurant supply/extract** n/a to scheme
- **BOH supply/extract** existing system to restaurant and BOH spaces
- **WC extraction** existing system to WCs
- **Kitchen extraction** system to suit Arolite drawing <<10 charlotte st REV A-A2 (to be updated)>>
 - Filtration – standard canopy filters with high level stack used as primary method for dispersion
 - Level 1 – baffle filters within canopy
 - Level 2 – coalescer filters within canopy
 - Level 3 – high level discharge with riser terminal at high level. Accelerator cone sized to give discharge velocity of 12m/s and provide 9m throw.
 - Attenuation provision subject to planning + plant layout in accordance with ACA acoustic report <<TBC>>
- **Kitchen supply** air system to suit Arolite drawing <<10 charlotte st REV A-A2 (to be updated)>>
 - Medium attenuation provision subject to planning + plant layout accordance with ACA acoustic report <<TBC>>
- **Ansul R-102 system** specification to be confirmed on receipt of final catering layout – currently single tank Ansul R102 system