

Dear Sir or Madam,

This letter has been prepared to support "Change the use of the ground floor from A1 (Retail) to (A3), with installation of a ventilation and extractor flue to the side elevation; Removal of Condition 4" (Gravesham planning reference 20200399). " for the retail unit located at 9 Brewhouse Yard Gravesend Kent DA12 2EJ (hereafter referred to as 'the site').

Further to condition 4, pre-application reference 'PRE20210378' were considered and necessary changes made. Please see Design and Access Statement for responses given.

Additionally, there was a comment regarding grease catcher for drainage system of subject restaurant. The system will be installed once the planning permission is in order. Site inspection is always possible through agent.

For technical information and location of the extraction system please refer to drawings numbers below respectively;

- **060100, 060101, 060102, 060103, 060104, 060105**

TECHNICAL SUMMARY:

- Cumulative Sound Pressure Level @ 1m from the Nearest Sensitive Receptor + Intermittency Penalty (3dB) = **29dB LAeq,T**
- The system requires **1 m3/s air** for both system. Therefore, the system was designed to achieve a **0.2 dwell** time rating by x6 activated carbon filter sites when coupled with x1 odour neutralizer ON100, ESP-3000E.
- The risk assessment has been undertaken and the score was found to be **34/45**. Equipments utilized for subject site are respectively;
- X6 Activated Carbon filter site manufactured by Purified Air
- X1 odour neutralizer ON100.
- X1 GBW 560/4
- 2 x Straight Through Silencer with Pod
- ESP-3000E

After the implementation of the above equipment, 95% odour will decrease. In conclusion, the kitchen size is big. The distance of the extract flue, the direction and with additional mitigation with high quality of filters the impact on the neighbours will be very low. For more information please see noise, odour and filtration reports.