From: Michael Lavender
Sent: 20 July 2018 10:43
To: Eve Hearsey
Subject: AWDM/0372/18 - Crown & Anchor

Hi Eve,

As I understand, from speaking with the manager of the premises, is that the new refrigerator and freezer was necessary. The new walk in refrigerator replaced the existing walk in refrigerator that was located by the kitchen door. The walk in freezer replaced the chest freezers that were previously located in the pub cellar. The manager showed me the cellar and the ceiling was so low you had to stoop whilst in there. Therefore I accept the need for suitably located freezer storage for the kitchen and the current position, next to the kitchen seems the most appropriate place to have this.

The lighting that has been installed is different to what I assessed in October last year following a complaint. I did not consider the previous lighting to be a problem and I advised the resident accordingly. I am not sure when this new lighting was installed but I have not received any complaints about it. Perhaps, because of the light summer evenings it has not manifested itself as a problem yet. However, if necessary, I can look at this new lighting in more detail at a later date under our nuisance powers.

I understand the gate has been replaced.

As for the refrigeration condenser noise. The acoustic assessment submitted as part of the application does not show what the likely noise contribution from the units will be at the facade of the nearest residential units at night. Personally, I would have calculated this from the noise data for the refrigeration condensers and then estimated the internal noise impact on the flats. Trying to establish the condenser noise through monitoring, when the ambient noise level is so high is not very accurate. That said, the acoustician subjectively notes that when all the other building services in the locality are switched off then the condenser units are barely audible at the boundary of the premises. I have visited the property myself and I agree that the kitchen extract is the dominant noise in the locality during the day and the refrigeration noise is not an issue during the day. During my investigation into the noise I left a noise meter running in the bedroom of the ground floor flat for 24 hours, from the 11th to the 12th October 2017. Because of the proximity of the refrigeration units and kitchen extract to the adjacent flat the noise is audible inside, the kitchen extract being the dominant noise source.The LAeq taken in the bedroom with the window open was 42dB and around 32dB with the window closed. There was a clear drop in noise levels at around 9:30pm when the extract system was turned off. The night time LAeq in the bedroom at night with the window closed was around 25dB(A), which is well within BS8233 guidelines. There was no obvious sign in the data time history of mechanical noise switching on or off during the night. I would ask to see the noise data for the refrigeration, they must have the manufacturers information sheet, so we can do a check. However, I suspect the condenser noise is not really an issue and I can confirm it has never been reported as an issue by the neighbours. Furthermore, the neighbour in the ground floor flat has stated that the kitchen extract noise is not a problem.

With regards to noise from the refrigeration and freezer doors. My recordings from the flat showed that the noise from the doors being closed was quite intrusive ranging from 54dB to 70dB L(A)max in the bedroom. 49dB to 52dB L(A)max with the window closed. During the recording period 11 incidents of the door closing was logged. The neighbours diary sheet logs the noise from the doors closing 15 times on one day and 12 on the following day. I should put the caveat on that these are incidents noted when they were at home and may under estimate the actual refrigeration use. I would imagine if kitchen staff have their hands full then the are probably closing the door with their bums, so the latch is not being pulled opened. I have

checked on line and there are soft door closers available for commercial refrigeration and I would recommend that these be purchased for these units to mitigate any noise impact.

To summaries, I would like to see the manufacturers noise data for the units and I would like to see a soft door closer fitted to the units. However, I have no objections to the units being there in principle.

Michael Lavender
Senior Environmental Health Officer, Adur & Worthing Councils
Phone: 01273 263343
Email: michael.lavender@adur-worthing.gov.uk
Website: Environmental Health
Worthing Town Hall, Chapel Road, Worthing, West Sussex, BN11 1HA

