

Isabelle Desa

From: Simon Kendall [simon.kendall@chapmanbathurst.com]**Sent:** 01 June 2007 17:03**To:** Simon Beel**Cc:** Isabelle Desa; brian@waterlooacoustics.com**Subject:** Denning Road - air cooled condensing unit in basement

Simon / Isabella

Attached find sketch plan & section showing the proposed installation of the condensing unit incorporating attenuation to meet the sound criterion required by Waterloo. Attenuators are shown indicatively only & will need to be sized accurately. Perhaps Waterloo could do this & we can then include these in our specification? Also attached find the data sheet on the A/C unit (you have has this previously). Have also attached a data sheet for the fan that is required to bring air into the condensing unit plenum chamber.

Can you please note the cahnage to the plant room configuration & doors to facilitate the installation of the ductwork etc. It is no longer practical to fit a door to access the plantroom directly from the lightwell as there is just not enough space. Maintenance access is required to the A/C unit so a door is now shown into the chamber from the wine store. Note that a door in the acoustic louvre is not really practical due to the need for an attenuator between the a/c unit & the louvre.

Because we have eaten up more plantroom space I have removed the boiler from the plantroom. This could be relocated into the kitchen as a wall hung boiler. I am sure it could be concealed wihin kitchen units. Flueing the boiler from the kitchen is a lot easier than from the lightwell as it will not be acceptable to discharge the flue at the bottom of the lighwell as you had shown.

Could you forward this package onto the planners please. If you feel any further info is requird can you let me know.

Regards

Simon Kendall**Senior Mechanical Engineer**

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