

Altman, Rebecca

Subject: FW: 41 Cerne Close application for Air Source Heat Pump - ref. H/24/96930

From: Scott, Neil <Neil.Scott@eastleigh.gov.uk>
Sent: Monday, March 11, 2024 9:47 AM
To: Altman, Rebecca <rebecca.altman@eastleigh.gov.uk>
Subject: RE: 41 Cerne Close application for Air Source Heat Pump - ref. H/24/96930

Thanks Rebecca the photos are helpful.

The MCS guidance refers to a wall or solid barrier providing attenuation, but this is dependant on whether there is a line of sight from the ASHP to the 'assessment position', the neighbours windows in this case. If any part of the window can be seen from the ASHP, as is the case here, then no barrier correction can be applied. So, looking at the photos It's clear that the neighbours downstairs window will be seen from the ASHP at the proposed location so no correction is applicable. Even if the neighbour's storage box was included it would effectively make them responsible for screening the ASHP, it is also a temporary structure.

The installers reticence to consider barriers is clearer now that I can see the shed in the applicants front garden, this will be an effective sound reflector, and sadly, worsens the overall noise picture, as it will reflect the ASHP noise and raise overall noise levels. And I suspect if a more substantive barrier (a solid barrier which precluded line of site as per MCS020) was erected between the neighbouring properties then the site may be unsuitable for the ASHP due to restricted air flow.

Something that is clear from the photographs is that the ASHP could not have been located closer to the neighbours window or property, this is in large part causing the noise problems.

In conclusion then my comments remain unchanged and further, the likely sound impact of the ASHP will be higher than the MCS assessment would indicate due to the additional reflected sound caused by the shed. All of which in my view confirms the unsuitability of the proposed location.

Regards

Neil

Neil Scott
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