
Subject: FW: HGY/2023/1863
Attachments: 190128 15 Broadlands Road Arboricultural Method Statement.pdf; ATT00001.htm

Dear Neil

I live at Number 17 Broadlands Road, next door to Number 15 which is currently a construction site. The owners of Number 15 have applied to relocate proposed air source heat pumps from behind the ancillary building at the back of their garden (application number [HGY/2023/1416](#)) to a position very near to my boundary fence (application number HGY/2023/1863).

I am in favour of sustainable, low carbon energy sources. However, as air source heat pumps are relatively new and there are some issues with this new technology, I need answers to the following questions before I can respond to the planning application:

- Haringey's *Sustainable Design and Construction Guide SPD* requires a noise assessment to British Standard NS 4142. Local Plan Policy DM23 requires noisy development to be mitigated. Has the council requested a noise assessment showing the impact of the air source heat pumps and air conditioning condenser? We are concerned that without this, and without proper noise attenuation (we are advised a timber enclosure is not effective noise prevention) that excessive noise from the air source heat pumps would harm our enjoyment and use of our own garden space.
- Has the council received an updated arboricultural assessment, showing the impact of the proposed concrete bases on existing tree roots (which are not being proposed for removal)? The arboriculture assessment submitted as part of the original application shows a construction exclusion zone near trees T8 and T9 (particularly T9, a significant and magnificent Balsam Poplar). See attached, pp12-13, which accompanied the original application for the house extensions. Has the council reviewed this in relation to the planned structure for the air source heat pumps, which impinge on the RPA / exclusion zone? Any noise attenuation around the ground source heat pumps would call for a much larger soundproofing enclosure and put even more pressure on the RPA (especially as the roots are very close to or above the surface).
- It is unclear whether the air source heat pumps will be efficient at such a distance from the (extended) house (assuming the heat pumps are to serve the house). As I understand it, these should be sited as close to the house as possible for them not to lose too much heat along the pipework before it gets to the house. Has the council requested information on the efficiency of the heat pumps at such an extreme distance?

Please excuse my delay in responding, but I only found out about this application (as well as the one in May) when I was asked for my opinion by the Conservation Area Advisory Committee.

I am very happy for you to phone me and give me more detail, as time may be of the essence and I can't judge this application without answers to these questions.

Kind regards