

From: Rishi Raju >
Sent: Wednesday, October 4, 2023 4:14 PM
To: Kelly Joyce
Subject: RE: 20230703 Tymberwood Academy, Cerne Road, Gravesend

Caution: This email was sent from outside of the organisation. Do not click on links or open attachments unless you recognise the sender.

Good afternoon Kelly,

Following from our conversation earlier, please see the responses below:

I am the case officer for the above planning application. I have received comments from the GBC Environmental Protection Team (Regulatory Services). Their comments are as follows;

Insufficient information has been submitted with this application and therefore as it stands, I have no alternative than to object to the application being granted.

No acoustic data for the heat pumps has been supplied. Although a technical data sheet (from Trane) has been submitted the section regarding acoustic data is blank. In addition, no assessment or indication relating to the insulation afforded by the proposed acoustic enclosure has been given. **I have attached the updated data sheet which includes the acoustic data for the ASHP.**

Bearing in mind the proximity of the gardens of the houses in St Margarets' Crescent, noise is a concern. The gardens are only approximately 25m from the enclosure and the façade of the houses are approximately 40m away. I would anticipate that the equipment will be running 24/7 and nighttime background noise levels in this area will be relatively quiet once the Academy is closed. **I can confirm that the unit will not be running overnight as the school is not occupied in those hours, hence there is no need for the school to be heated overnight. However it should be noted during days where there are after school activity the unit's runtime may be extended to suit, e.g. 9:00pm. Please also note the unit will come on overnight for frost protection however, this is dependant on the external temperature.**

Guidance regarding ASHP's advises that where planning permission is needed, the application should be submitted with a Noise Impact Assessment (NIA) based on BS4142:2014 +A1:2019. I would advise that this is submitted prior to any permission being granted rather than being required as a condition as the results of the NIA will inform the requirements of the acoustic enclosure needed. **I will need to arrange this with the client and the acoustician so it may take a few days to get this actioned and hence will need an extension to the determination date.**

If the applicant is able to undertake and submit the NIA for assessment reasonably quickly, I may be able to withdraw my objection.

Please be advised that I have also received an objection from a local resident raising noise concerns. **Please can you advise on how this would impact the application.**

Therefore, can you please set out whether you would be prepared to provide the required acoustic information and NIA and if so, please set out a timescale for their submission? **I will provide a date once the assessment has been confirmed and arranged by the client and acoustician.**

Also, at my site visit today, I noted that two containers are located where the proposed development would be located. Can you please set out whether these containers would be retained on site or removed as part of the proposed development? If they are to be retained, please provide details of where they would be re-located to. **The containers' location is for the school to decide, the ASHP enclosure does not encroach on the container' space so there would not be a need for it to move, this also doesn't fall under our remit. Please also refer to the attached drawing of the position of the ASHP enclosure and position of the containers.**

I also understand that the determination date for the application was the 11th of October, however it is likely that this needs to be postponed as the noise assessment report will not be obtained by then.

Thank you,

Kind regards.

Rishi Raju
Graduate Mechanical Engineer, BEng Mechanical Engineering

Capstan House, The Waterfront, Brierly Hill, West Midlands DY5 1XL



The information contained in or attached to this email is intended only for the use of the individual or entity to which it is addressed. If you are not the intended recipient, or a person responsible for delivering it to the intended recipient, you are not authorised to and must not disclose, copy, distribute, or retain this message or any part of it. It may contain information which is confidential and/or covered by legal professional or other privilege (or other rules or laws with similar effect in jurisdictions outside England and Wales). The views expressed in this email are not necessarily the views of Briar, and the company, its directors, officers or employees make no representation or accept any liability for its accuracy or completeness unless expressly stated to the contrary. BRIAR CONSULTING ENGINEERS LIMITED, registered address no. 3 benham campus, benham road, university of southampton science park, chilworth, so16 7qj. reg no. 10673969

From: Kelly Joyce <
Sent: Wednesday, October 4, 2023 1:24 PM
To: Rishi Raju >
Subject: 20230703 Tymberwood Academy, Cerne Road, Gravesend
Importance: High