

Consultation Response from: KC Environmental Health (Pollution & Noise Control)		
2019/93928 land at, former St Luke's Hospital, Blackmoorfoot Road, Crosland Moor, Huddersfield, HD4 5RQ		
Discharge of condition 10 (acoustic specification)		
Date Responded: 1st July 2021	Responding Officer: Rebecca Muff	Responding Ref: WK/202016309
Since our previous response on 14th July 2020, further information has been submitted in relation to the discharge of condition 10 (acoustic specification). Condition 10 – (Acoustic specification) A Ventilation Report (no reference) (dated 21-06-21) has been submitted by Avant Homes following a meeting held on 21st June 2021 between representatives from Environmental Health, Avant Homes and Zehnder (ventilation engineers). The meeting was to discuss the proposed strategy for the ventilation scheme and the requirements that were still outstanding to meet the recommendation for the discharge of condition 10. In previous correspondence dated 21/04/2021, we asked for clarification of which rooms of which plots required additional ventilation where windows needed to be kept closed to achieve satisfactory indoor sound levels. We also asked for confirmation that the indoor noise target levels would not be exceeded when the ventilation was in use, and that the ventilation system would minimise the risk of overheating during warm weather. The submitted report states that standard double glazing (4/12/4) and standard trickle vents have been recommended to address necessary noise reductions. The exception being for plot 185 alongside Nabcroft Lane which is to have an acoustic trickle vent to mitigate the slightly increased noise levels at this plot. For all other properties facing Nabcroft Lane and Blackmoorfoot Road, openable windows and doors will be used for purge ventilation requirements. In addition, these properties will have a Zehnder, Decentralised Mechanical Extract Vent (DMEV). The Zehnder AID100 fan will provide additional air circulation within habitable rooms providing 4 air changes per hour based on a floor area of 15m³. The Zehnder AID100 is an acoustically lined induct fan with insulated ductwork that has been demonstrated to meet the indoor noise level requirements when operated during both daytime and night-time, as shown in the table in the report. The report has also provided a table clearly indicating which habitable rooms of which plots are to be installed with Zehnder AID100 vents for a more flexible option for ventilation. Overall, we accept the ventilation report and make the following recommendations. Recommendation We accept the Ventilation Report (no reference) (dated 21-06-21) by Avant Homes but recommend that condition 10 cannot be fully discharged until the ventilation system as proposed in the said report has been installed. Once in operation the ventilation system shall be permanently retained thereafter.		

