

MEMORANDUM



From: Public Protection Service Manager
Ian Jones

To: Planning Control
Manager

Our Ref: 11023/22

Your Ref: P/2022/0183

Date: Tuesday, 15 March 2022

Town and Country Planning Act 1990

Town and Country Planning (General Development Procedure) Order 1996

Re: P/2022/0183, TRINITY HOUSE TRINITY STREET WREXHAM

Review: Noise Assessment

**RHYDDHAU AMOD 2 (DEUNYDDIAU), 4 (SWN) A 6 (DRAENIO) CANIATAD
CYNLLUNIO P/2021/0899 / DISCHARGE OF CONDITIONS 2(MATERIALS), 4 (NOISE)
AND 6 (DRAINAGE) OF PLANNING PERMISSION P/2021/0899**

The applicant has submitted a noise assessment in accordance with the requirements of planning condition 4 above.

The noise assessment includes an assessment of the following:

- road traffic noise,
- fixed plant noise and
- environmental noise.

I have reviewed the information contained within the submitted noise assessment, and I accept the conclusions of the report, namely that:

10.5 The results demonstrate that, with windows partly open internal L_{Aeq} and L_{Amax} noise levels during the day and night-time within habitable rooms at the front of the development are expected to exceed the recommended target levels and openable windows cannot therefore be relied upon for ventilation for an extended period.

10.6 The assessment suggests that an alternative means of ventilation is required to provide occupants with the ability to maintain adequate background ventilation rates without having to rely entirely on openable windows. Care should be taken not to confuse a reliance on closed windows to achieve the noise level criteria with the need to have sealed glazing units. Windows may remain openable for rapid or purge ventilation, or at the occupant's choice.

10.7 *In situations where there is a reliance on closed windows to meet the guide value, there needs to be an appropriate alternative means of ventilation that does not compromise the façade insulation or the resulting internal noise level. Typically trickle ventilators can be used and sound attenuating types are available.*

The assessment concluded that mitigation in the form of acoustic trickle vents are required to ensure that internal noise levels meet the recommended criteria.

The use of 32 dB Rw+Ctr rated glazing (10/12/6mm) and 40 dB Dne,w+Ctr acoustic trickle ventilation (Titon Xtra Sound Attenuator V75+C60, <u>or equivalent</u>), would reduce interior levels within habitable rooms to below 35 dB.
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It is a requirement of condition 4 that that the above measures are fully implemented prior to the first occupation / use of the development.

Warm regards,

p.p. 

Ian Jones
Public Protection Service Manager