

MEMO

Corporate Services

Governance



Business Hub 15, Third Floor South, Marischal College

To	Alex Ferguson, Senior Planner, Strategic Place Planning		
From	Neil Stirling, Scientific Officer, Governance		
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250202/DPP – Loirston House, 102 Wellington Road, Aberdeen AB12 3BH

This Service has reviewed the Noise Impact Assessment (Grosle Environmental Services, 25th April 2025) submitted in support of the development and would comment as follows:

The report proposes a closed windows approach with alternative means of ventilation (trickle vents) to address road traffic noise impacts and ensure acceptable noise levels inside habitable rooms. This Service is satisfied that a suitable internal living environment can be achieved with this approach provided the windows and trickle vents meet the specifications detailed in Sections 6.1.1 and 6.1.2 of the report, namely:

- Whole development – Windows – It is proposed to provide double glazed units (closed, except for purge ventilation by residents) that achieves an $R_w + C_{tr}$ 32.
- Whole development – Trickle Vents – As highlighted above, the windows shall be closed (except for purge ventilation by residents) and it is proposed to install Greenwoods acoustic trickle vents 1600DNFW that achieves $R_w + C_{tr}$ 32. Other acoustic trickle vents can be used that achieve the same or greater sound attenuation.

Noise levels (daytime) within external amenity areas (communal gardens) were found to range from 51.1 to 58.5 dB (LAeq). For reference, the World Health Organisation Guidelines for Community Noise (1999) state:

To protect the majority of people from being seriously annoyed during the daytime, the outdoor sound level from steady, continuous noise should not exceed 55 dB LAeq on balconies, terraces and in outdoor living areas. To protect the majority of people from being moderately annoyed during the daytime, the outdoor sound level should not exceed 50 dB LAeq. Where it is practical and feasible, the lower outdoor sound level should be considered the maximum desirable sound level for new development.

To address this, the report recommends that acoustic barriers are provided around garden areas (Section 5.11).