

# ACOUSTIC TECHNICAL NOTE



To:	Rosie Terrell – Wates
From:	Ignacio Alonso – RBA Acoustics
Date:	23 February 2018
Project:	5402 – Abbey Road Phase 1
Subject:	Planning Condition 20 / Section 73

We have been requested to provide an acoustic statement to address Planning Condition 20 concerned with the application under Section 73 of the above project.

Planning Condition 20 reads as follows:

*20 Phase 1: Acoustic amenity*

*Residential development in phase 1 shall not be constructed other than in compliance with the recommendations of the Acoustic Assessment Report hereby approved. In particular the construction shall be in accordance with the glazing system specifications, ventilation and construction assumptions and the rear outdoor acoustic barrier requirements of the Report in order to achieve the project noise criteria summarised in section 8.4 of the Report. Any deviation from the Report's specifications or assumptions shall be submitted to and approved in writing by the local planning authority prior to commencement of the relevant work. All acoustic mitigation measures shall be in place prior to the first occupation of any residential units in phase 1 and shall be retained and maintained thereafter. Reason: To safeguard the amenities of future occupiers in accordance with the requirements of policy CS5 of the London Borough of Camden Local Development Framework Core Strategy and policies DP26 and DP28 of the London Borough of Camden Local Development Framework Development Policies.*

The only change of note since our original report 5402/AAR dated 12 July 2013 and the current proposals is with regards to the information contained in Section 11.2 d) where the reports states that:

*The acoustic barriers are assumed to be 3m tall and formed of concrete or masonry.*

The above refers to the barrier between the railway and the building façade and therefore has implications over the façade incident noise levels.

We have, since issuing of the aforementioned report, reassessed the façade incident noise levels with the current proposal for the barrier reflected in PTE's drawing 510 1\_PL\_306 (dated 28.04.17 Section 73 issued to planning) and 029\_A(21)\_224 (26 July 2017). The barrier has been specified (following our recommendations) to be:

- A closed boarded acoustic timber fence

- Of a minimum height 2.75m above ground level
- Of minimum mass per unit area 15kg/m<sup>2</sup>
- With no gaps between boards or at fence posts along the full perimeter

We can confirm that glazing specifications, locations and extent detailed in the aforementioned report remain unchanged with the above fence proposal and as such the criteria in Section 8.4 is expected to be met.