

Technical Note

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Project	Greville Street
Title	Planning Condition 15
Ref.	248
Rev.	A
Date	09.07.21

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## Introduction

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The purpose of this technical note is to outline information submitted as part of the discharge of condition 15 of application 2018/0910 –

*“Prior to the installation of any items of fixed plant associated with the operation of the development, details of plant machinery and a noise report shall be submitted to and approved in writing by the Local Planning Authority. The measures shall ensure that the external noise level emitted from plant/machinery/equipment will be lower than the lowest existing background noise level by at least 10dBA, by 15dBA where the source is tonal, as assessed according to BS4142:2014 at the nearest and/or most affected noise sensitive premises, with all machinery operating together at maximum capacity.*

*The report should reference the proposed noise limits included in Table 2 of the planning noise survey report dated 12 January 2018. A post installation noise assessment shall be carried out to confirm compliance with the noise criteria and additional steps to mitigate noise shall be taken, as necessary. Approved details shall be implemented prior to occupation of the development and thereafter be permanently retained.*

*Reason: To ensure that the amenity of occupiers of the development site/ surrounding premises is not adversely affected by noise from plant/mechanical installations/ equipment in accordance with Policy A4 of the London Borough of Camden Local Plan 2017.”.*

This note will summarise findings in the noise report and list the associated documents.

## Documents

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The following documents are to be submitted as part of the discharge of condition 3B:

### Noise Report

- 21187-R01-A Plant noise assessment report

### Plant Machinery

- Roof - db & Dimension Technical Information
- 2021-07-09\_10-58-03
- ASHP Octave

## Summary

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The below are extracts taken from the noise assessment report.

*An assessment of the noise emissions from the proposed plant items has been undertaken at the nearest noise sensitive premises. If the required mitigation measures are undertaken noise emissions from the proposed plant will not exceed the requirements of Planning Condition 15 at any time.*

### *5.2.4 Required mitigation measures*

*To comply with the requirements of Planning Condition 15 the attenuation measures set out below are necessary.*

*AHU-1 and AHU-2 require in-duct attenuation in both the fresh air intake (FAI) and exhaust (EXH) branches. Minimum insertion losses and indicative sizing for the attenuators are given in Table 5.*

*Each selection for the toilet extract fans (EF01 and EF02) must not exceed a sound power noise limit of Lw 60 dBA at the atmosphere termination. This includes any reduction in noise due duct losses and in-duct attenuators.*

*Each selection for the restaurant and kitchen extract and supply fans must not exceed a sound power noise limit of Lw 57 dBA at the atmosphere termination. This includes any reduction in noise due duct losses and in-duct attenuators.*