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Our Ref: 23.146.2.L1
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Dear Darren,

Alexandra Park School Sixth Form Expansion – Technical Note for Air Quality

Professional Consult Limited was instructed by Thinking Buildings to prepare a Technical Note for Air Quality (the 'Technical Note') for the proposed expansion of the sixth form building ('the Development') at Alexandra Park School in Bidwell Gardens, London N11 2AZ, to be referred to hereafter as 'the Site'.

This Technical Note has been prepared by our associate consultant Redmore Environmental in support of the full planning application for a new 6th form teaching accommodation at Alexandra Park School. The purpose of this Technical Note is to scope-out the need for a formal Air Quality Assessment.

The planning application seeks consent for a new 3-storey side extension to the existing 6th form building and associated landscaping.

A pre-application planning advice note has been received from Harringey Council (Ref. PRE/2022/0269 / revised proposal>PRE/2023/0116) which has stated the following with regards to air quality:

'....

The whole of the borough is an air quality management area (AQMA) for both NO₂ and PM₁₀. Noise/vibration and air quality studies would be expected with any full planning application.'

The proposed development has the potential to cause air quality impacts during construction and operation. These are considered in the following Sections.

Construction Phase Impacts

The undertaking of activities such as excavation, ground works, cutting, construction and storage of materials has the potential to result in fugitive dust emissions throughout the construction phase. Vehicle movements both on-site and on the local road network also have the potential to result in the re-suspension of dust from haul road and highway surfaces.

Review of mapping resources indicated a number of receptors within the vicinity of the site. As such, any emissions may cause adverse impacts at these sensitive locations during construction. However, as outlined in the Mayor of London's 'The Control of Dust and Emissions during Construction and Demolition Supplementary Planning Guidance'¹, for almost all construction activity, the aim should be to control effects through the use of effective mitigation. Experience shows that this is normally possible. Hence the residual effect will normally be **not significant**. As such, potential dust impacts

are not considered a constraint to the proposals, subject to the requirement for a Dust Management Plan or similar as a condition of any forthcoming planning consent.

Operational Phase Impacts

During the operation of the Development there is the potential for air quality impacts as a result of road traffic exhaust emissions associated with vehicles travelling to and from the site. Nevertheless, it should be noted that the Development does not include for any additional car parking spaces. As such, the Institute of Air Quality Management (IAQM) document 'Land-Use Planning & Development Control: Planning for Air Quality' indicates that further assessment is not required, and impacts can be considered to be **not significant**.

Summary

The Development has the potential to result in fugitive dust emissions throughout the construction phase. However, as outlined in the Mayor of London's '*The Control of Dust and Emissions during Construction and Demolition Supplementary Planning Guidance*', residual effects will normally be **not significant** following implementation of appropriate mitigation. As such, potential dust impacts are not considered a constraint to the proposals, subject to the requirement for a Dust Management Plan or similar as a condition of any forthcoming planning consent.

The development has the potential to affect existing air quality as a result of road traffic exhaust emissions associated with vehicles travelling to and from the site during the operational phase. However, given the nature of the proposals, impacts were classified as **not significant**.

Based on the considerations above, air quality impacts are not considered a constraint to planning consent for the Development and it is concluded that a full and detailed Air Quality Assessment is not required in support of this Development.

Yours sincerely,

For and on behalf of Professional Consult Limited



John Goodwin BSc (Hons), PGDip, MIOA, MEnvSc
Director