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Planning Department
South Dublin County Council
County Hall
Tallaght
Dublin 24

17th November 2022

**Re: Response to request for Clarification of Additional Information, Register Reference:
SD22A/0107**

Dear Sir or Madam,

I refer to South Dublin County Council Decision Order No. 1280 requesting clarification of 2no. items of additional information in relation to the above-mentioned planning application; Register Reference: SD22A/0107. I wish to provide the following clarifications:

Item 1. Acoustic Assessment

"The Applicant is requested to provide an Acoustic Assessment, which must be undertaken by a suitably qualified acoustic consultant describing and assessing the impact of noise emissions from the generator, to include the accumulative noise impact from existing on-site activities. The Assessment must include, but not be necessarily limited to, the following:

- (a) The identification of any neighbouring noise sensitive receivers who may be potentially impacted by the proposal.*
- (b) The purpose and operating hours of the generator and the likelihood that it could give rise to a public nuisance for the neighbouring noise sensitive receivers.*
- (c) Distances between the generator and the nearest noise sensitive receiver and the predicted level of noise (L_{Aeq}, 15min) from any activities when assessed at the boundary of that receiver.*
- (d) An assessment of the existing background (L_{A90}, 15 min) and ambient (L_{Aeq}, 15 Min) acoustic environment at the receiver locations representative of the time periods that any noise impacts may occur. NOTE: For the purposes of the assessment background noise includes; noise of the surrounding environment excluding all noise sources currently located on-site.*
- (e) A statement outlining any recommended acoustic control measures that should be incorporated to ensure the use of the generator will not create adverse noise impacts on the occupiers of any neighbouring noise sensitive properties"*

Response to Item 1

Please find enclosed a complete Noise Impact Assessment which has been carried out by iAcoustics, Acoustic and Noise Control Specialists. As can be seen from the accompanying report, the potential noise impact arising from the occasional use of the back-up generator will not be significant and will not pose a nuisance to neighbouring properties.

Item 2. AutoTRAK Analysis

"The Applicant is requested to provide an accurate Swept Path Analysis which is generated by AutoTRAK software and AutoTRAK stamped and fully dimensioned, including offset dimensions showing the clearance in each scenario between a car and the building at each vehicular pass between the subject site and the adjacent nursing home. It should be noted that, depending on the information shown in the accurate AutoTRAK drawing, alterations may be required to the proposed private amenity space in order to create a safe passage through the narrow space. Should such alterations be provided, the Applicant is requested to provide a revised Proposed Site Layout drawing."

Response to Item 2

Swept path diagrams have been generated using AutoTURN Online by Transoft Solutions, a leading vehicle swept path analysis and turning simulation CAD software provider. AutoTURN performs exactly the same function as AutoTRAK and has been used in this instance (Order ID: TRA220818-7119-67109) as it allows users to rent the software on a project by project basis, as a cost effective alternative to more expensive annual subscription models.

Accompanying drawing P403 has been revised to include ingress and egress movements for each of the 4 spaces to be retained. Offset distances are provided showing the clearance in each scenario between a car and the existing buildings between the subject site and the adjacent nursing home.

This submission, along with the enclosures mentioned, comprises the Additional Information being presented to South Dublin County Council in response to the request issued on 08th June 2022. We are confident that it addresses the concerns of the Council as articulated in its request and provides all information necessary to allay these concerns. If, however, there are items on which you require clarification, please do not hesitate to contact us.

The following drawings accompany this submission:

- 6 No. copies of Acoustic Noise Impact Assessment
- 6 No. copies drawing P403 - Autotrack Analysis & Site Dimensions
- 6 No. copies drawing P401 - Site Layout - As Proposed

Yours Sincerely,


Owen Murphy
for CQA Design & Build