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The NSC Campus, Mahon, Cork.
Tel: +353 (0)21 242 8704
info@clvconsulting.ie
www.clvconsulting.ie

Mr. Fintan Morrin
The Planning Partnership
The Coach House
Dundanion
Blackrock
Cork

Fintan,

RE: PROPOSED LIDL NEWCASTLE DEVELOPMENT - DUBLIN COUNTY COUNCIL RFI RESPONSE LETTER

Pursuant to Dublin County Council's RFI request (PL Ref #SD22A/0312) regarding the impact of noise emissions from the proposed LIDL Retail Store in Newcastle on potential future residential development lands located to the east, we have provided a full summary response as follows.

RFI Item #13

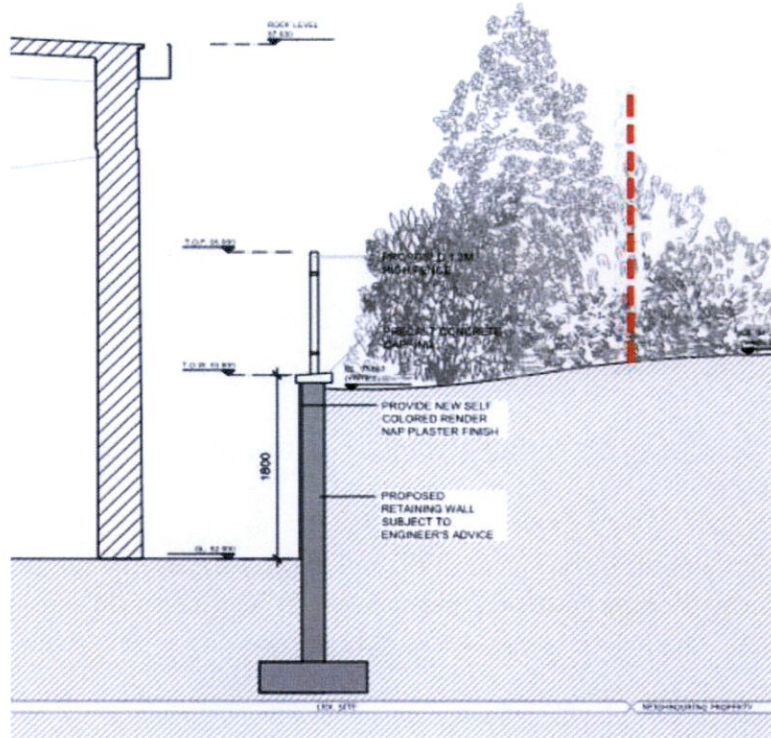
The Applicant is requested to provide an updated Noise Impact Assessment which takes into account the zoned lands to the east of the subject site which may be subject to future residential development, providing an assessment of the potential impact of the proposed plant, substation and any other potential noise resulting from the proposed development on the lands to the east and suggesting any mitigation measures which would protect the future development potential of these lands.

CLV Response:

Noise emissions from the various noise sources were assessed and the content of the Noise & Vibration Impact Assessment Report (CLV Report Ref #20/0557R01A) was updated for its inclusion. Proposed development noise emission predictions at the future development lands to the east (31 - 48dB L_{Aeq}) were relatively similar to those predicted for the future development lands to the south (33 - 43dB L_{Aeq}). Similar noise mitigation measures were therefore recommended.

These noise mitigation measures consisted of the following:

- ✓ Provision of low noise external plant selections in accordance with those detailed in the Noise & Vibration Impact Assessment Report.
- ✓ Provision of a 2m high boundary wall around the perimeter of the external plant area.
- ✓ Provision of a 1.8m high retaining wall and perimeter hedging to shield the entire development from potential future dwellings to the east (as shown in the figure below).



Section through Development Eastern Boundary Showing Perimeter Retaining Wall & Hedging

- ✓ Implementation of good management policy for delivery truck events (refer to Section 6.2.2 of the Noise & Vibration Impact Assessment Report).

Given that the proposed development noise emissions levels are predicted to be within criteria in the vicinity of potential future residential developments to the east and with the further implementation of the noise control measures detailed above, the proposed development is not expected to impart any significant noise or vibration on future development lands to the east.

We trust this letter satisfies the Council's concerns in respect of external plant area noise emissions from the proposed development; however, please do not hesitate to contact this office if you have any comments in relation to the content of this document.

Yours sincerely,

BRIAN S. JOHNSON
Acoustic Specialist