



Planning & Transportation Department
South Dublin Co Co
County Hall Tallaght
Dublin 24,
D24A3XC

21st February 2023

22164/AC/LT01

Re: Planning Reference SD22A/0391 Proposed Extension and Alterations to Existing Motor Showroom and Workshop

To whom it may concern,

Your further information (AI) request dated 7th December 2022 in relation to the above referenced planning application refers. We wish to set out the following in relation to the engineering elements of this AI request. Additional and revised drawings, and the revised Drainage Proposals document including calculations and standard construction details are also enclosed with this response indicating the various proposals. This letter and accompanying drawing should be read in conjunction with information provided by EMD Architects and Gannon Associates which addresses the remaining issues raised in the AI request.

Items 3b. We have attached revised drawing No.22164-500 Rev P2 and the revised Drainage Proposals document Rev P2 showing the overall provision of attenuation provided by SUDS elements (including additional attenuation volume provided in the attenuation chambers to the rear of the proposed extension) as requested. The storage volume provided in the below ground attenuation chambers with the infiltration/detention cell has been increased by 100% and bio-retention tree pits have been added in addition to the permeable paving and stone sub-base.

The revised Drainage Proposals document Rev P2 indicates the surface water attenuation required for the overall site and the attenuation provided by the various SUDS components. The surface types, surface areas, and the respective runoff coefficients have also been provided.

Drawing 22164-530 Rev P1 has been enclosed showing the treatment train of SUDS as required.

Item 3d. We have included the Management and Maintenance Plan for SUDS and Attenuation Elements document as required.

Item 4. The subject site is a privately owned site used for commercial purposes by the client. The watermain within the boundaries of the site was constructed by the owner of the property as part of the original development and is retained in their ownership. It is not part of the Irish Water Infrastructure (Irish Water Account Reference 1522584737).

Yours sincerely,

Edwin Lennon
Alan Clarke & Associates