Subject: 3782 - 2021/93237 land off, Knowl Grove, Mirfield, WF14 9RF

Good morning Liz,

I hope you are well. I am writing to you in response to the attached letter from the Consultation Response from KC, Lead Local Flood Authority. Please see attached updated Proposed Site Plan and updated Drainage Report as per comments. Please see a breakdown responses below:

The LLFA have no objection in principle to the proposed discharge rate (5.7 l/s). Ok.

The Drainage Strategy section of the drainage drawing states that there are no watercourses on site or in proximity to the site. This is incorrect – as stated before in this response, and as shown in drawing Site Plan as Proposed, a culverted watercourse is crossing the site. The applicant should carry out a condition survey of this watercourse to determine whether it would be a feasible discharge point. The "assumed" drain has been removed from the proposed site plan.

Location of the proposed attenuation tank appears to be within the proposed 6m easement for the culvert crossing the site. Therefore, the proposed tank should be relocated. The "assumed" drain has been removed from the proposed site plan.

Pipe details, including numbers corresponding to the MicroDrainage outputs, should be shown in the drainage drawing to allow for cross checking. Pipe reference numbers are confirmed by their upstream manhole references.

Micro Drainage outputs should also show details of the surface water manholes, to allow for cross checking. The Drainage Design Information document has been updated to address this comment.

The proposed attenuation tank is an offline structure, and according to the drainage drawing, the inlet/outlet pipe is proposed to be 100mm diameter in size. This pipe should be an oversized pipe, to limit the possibility of blockage and ensure the attenuation remains operational. The Drainage Design Information document has been updated to address this comment.

In the Micro Drainage outputs provided, different M5-60 values are used at different stages –19.000 on Page 1, 18.00 on Page 5 onwards. The same value should be used throughout. The Drainage Design Information document has been updated to address this comment.

I am looking forward hearing from you,

Kind Regards,

Arina Cernysiova
Architect