

**Consultation Response from KC,
Lead Local Flood Authority**

2024/91199 140A, Manchester Road, Longroyd Bridge, Huddersfield, HD1 3JA

Demolition of existing building and erection of student accommodation with ancillary spaces, associated garden area, store and landscaping, access and car parking

Date Responded: 12/06/2024.

Responding Officer: Martin Stephenson

Responding Ref: 1

Documents reviewed by the LLFA:

Fibre Architects:

- Drawing Ref: AL0003, Proposed Site Plan, Rev C dated 15/04/2024.

HHA:

- Drawing Ref: E24/8164/001, Engineering Feasibility Plan dated 04/2024.
- Document Ref: Feasibility1, Causeway Calculations dated 23/04/2024.

Drainage Summary:

The LLFA confirms that the proposed allowable surface water discharge rate of 3.5 l/s via an 82mm dia HydroBrake to the Yorkshire Water Combined Sewer in Manchester Road is acceptable. It is assumed that the HydroBrake will be located in the final SW MH (S1 on the Drainage Plan).

The LLFA also confirm that the proposed attenuation storage of 16m³ in an oversized pipe as shown in the hydraulic calculations is acceptable.

Kirklees Flood Management & Drainage as Lead Local Flood Authority SUPPORTS this application SUBJECT to the recommended condition set out below.

Suggested Drainage Condition:

DR10 Construction Phase Surface Water Flood Risk and Pollution prevention plan.

Development shall not commence until a scheme, detailing temporary surface water drainage for the construction phase (after soil and vegetation/site strip) has been submitted to and approved in writing by the Local Planning Authority. The scheme shall detail:

- phasing of the development and phasing of temporary drainage provision.
- include methods of preventing silt, debris and contaminants entering existing drainage systems and watercourses and how flooding of adjacent land is prevented.
- the strategy shall include a plan showing the location of the attenuation storage and supporting calculations, which shall be based on the critical 1 in 2-year storm. It should be assumed that once the site has been stripped that the percentage run-off will be 100 %. The maximum allowable off-site discharge rate shall not exceed 2.5 litres per second per ha, unless otherwise agreed with the LLFA.

The temporary works shall be implemented in accordance with the approved scheme and phasing. No phase of the development shall be commenced until the temporary works approved for that phase have been completed. The approved temporary drainage scheme shall be retained until the approved permanent surface water drainage system is in place and functioning in accordance with written notification to the Local Planning Authority