

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

2024/93156 Healey Lane Mills, Healey Lane, Healey, Batley, WF17 7SH

Outline application for redevelopment of existing Islamic Centre

Date Responded: 18/12/2024.

Responding Officer: Martin Stephenson

Responding Ref: 1

Documents reviewed by the LLFA:

Krypton Structures:

- 580/D01, Drainage Strategy, Rev P1 dated 12/07/2024.
- Causeway Hydraulic Calculations dated 12/07/2024.

Drainage Summary:

The LLFA confirms acceptance of the proposed attenuated surface water discharge rate of 20.1l/s and the discharge point to the 225mm dia Yorkshire Water combined sewer in Healey Road together with the submitted hydraulic calculations.

Details will need to be provided to the LLFA of the Maintenance Strategy and the organisation who will be responsible for the long term maintenance of the surface water system including the attenuation tank and the flow control device. The design parameters for the oil separator will need to be stated on the Drainage Strategy drawing together with the CLs and ILs of the surface water MHs.

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

DR01 Drainage Details

Development shall not commence until a detailed design scheme detailing foul, surface water and land drainage, including the agreed discharge rate with the LLFA of **20.1l/s** and discharging to the public sewer, attenuation for the critical 1 in 100 (plus an allowance for climate change) rainfall event, attenuation construction details /design, plans and longitudinal sections, hydraulic calculations and phasing of drainage provision has been submitted to and approved in writing by the Local Planning Authority. The scheme shall include a risk assessment and method statement, in accordance with CDM Regulations 2015, for access to and into the attenuation structure, and the scheme shall include a maintenance and management plan for surface water infrastructure. No part of the development shall be occupied until such approved drainage scheme has been provided on the site to serve the development or each agreed phasing of the development and retained thereafter.

DR07 Overland Flow Routing

The development shall not commence until an assessment of the effects of 1 in 100 year storm events, with an additional allowance for climate change, blockage scenarios and exceedance events on drainage infrastructure and surface water run-off pre and post development between the development and the surrounding area (both upstream and downstream of the development), has been submitted to and approved in writing by the Local Planning Authority. No part of the development shall be brought into use (dwellings shall not be occupied) until the works comprising the approved scheme have been completed and such approved scheme shall be retained thereafter.

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.

DR20 Interceptor

Development shall not commence until a scheme demonstrating surface water from vehicle parking and hard standing areas passing through an oil/petrol interceptor of adequate capacity prior to discharge. Roof drainage should not be passed through any interceptor.