Consultation Response from KC, Lead Local Flood Authority		
2021/93674 Greenhead College, Greenhead Road, Huddersfield, HD1 4ES		
Partial redevelopment of Greenhead college including demolition and making good, erection of 2 and 4 storey buildings, reconfiguration of parking and access arrangements, reconfiguration of sports provision and other associated external works (Within a Conservation Area)		
Date Responded: 27/10/2021	**Responding Officer: Martin Stephenson**	**Responding Ref: 1**

Drainage comments

The proposed discharge rate of 149 l/s to YW sewer (equal to a 30% betterment on existing flows) is acceptable to the LLFA.

The MicroDrainage Calculations issued 11/11/21 and drainage drawing ref: NE8659-CCS-ZZ-XX-DR-D-0501 P13 issued 09/12/21 as part of the revised FRA are now acceptable to the LLFA.

Note that a plan will be required showing temporary drainage measures (i.e. during construction following site strip/demolition) – this can be provided as part of the planning conditions

Kirklees Flood Management and Drainage, as the Lead Local Flood Authority (LLFA), SUPPORTS this planning application and suggest the following drainage conditions

Suggested Conditions

DR01 Drainage Details

Development shall not commence until a detailed design scheme detailing foul, surface water and land drainage, (including agreed discharge rates with the LLFA indirectly or directly to watercourse, attenuation for the critical 1 in 100 + 30% climate change rainfall event, attenuation construction details /design, plans and longitudinal sections, hydraulic calculations, 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 an itinerary of maintenance tasks with schedules. 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.

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, 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.