

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

2023/90348 Former Hillhouse Bowling Club, King Cliff Road, Birkby, Huddersfield, HD2 2RR

Erection of community sports complex (within a Conservation Area)

Date Responded: 22/05/2023.

Responding Officer: Martin Stephenson

Responding Ref: 0

Documents reviewed by the LLFA:

Acumen Architects:

- Drawing Ref: 2801 (100) 02, Proposed Plans & 3D, Rev – dated Jan 2023

Drainage Summary:

The proposed development is sited above a steep slope down to Jack Bridge therefore infiltration into the ground will not be feasible due to the risk of re-emergence further down the slope.

The existing retained building can continue to drain surface water as at present, however the surface water drainage from the new roof area located over the former bowling green will be limited to greenfield run-off rate (5 l/s per ha) subject to a minimum flow control outlet diameter of 75mm.

There does not appear to be any space available within the site to accommodate attenuation storage, therefore the developer should provide details of how the attenuation storage is to be provided.

In addition, Hydraulic Calculations based on the allowable surface water discharge rate detailed above should be provided to confirm the attenuation storage volume is sufficient to contain the 1 in 100 year rainfall event (plus climate change allowance) without flooding off-site.

The routing of floodwater during an exceedance event should also be provided. This should indicate that no existing properties are at increased risk of flooding within their curtilages.

Kirklees Flood Management and Drainage, as the Lead Local Flood Authority (LLFA), OBJECTS to this planning application and require FURTHER INFORMATION is provided on the following:

1. Surface water drainage design.
2. Location and details of the Attenuation Storage including access points for maintenance.
3. Flood routing.