

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

2023/92141 Dewsbury Bus Station, Aldams Road, Dewsbury, WF12 8AR

Refurbishment and Improvement of Dewsbury Bus Station including hard and soft landscaping works.

Date Responded: 01/09/2023.

Responding Officer: Martin Stephenson

Responding Ref: 1

Documents reviewed by the LLFA:

Jacobs:

- Document Ref: B2382808-JAC-GEN-ZZ-RP-D-0001, FRA, Rev 01 dated 28/06/2023.
- Drawing Ref: B2382808-JAC-GEN-XX-DR-ZZ-3010, Proposed Drainage, Rev P01 dated 30/06/2023.

Drainage Summary:

Due to the nature of the underlying soils, the risk from contamination leachates and the presence of a high water table, the LLFA considers that this site is not suitable for soakaways.

Kirklees Council records indicate that there are 2 No. existing Surface Water MHs within the site – one on the eastern boundary connecting to a Yorkshire Water 375mm dia SW sewer in Aldams Road/Wilton Street and the other on the southern boundary connecting to a Yorkshire Water 300mm dia SW sewer, both of which discharge directly into the river Calder. Any new drainage runs should be directed to one of these outlets (subject to YW acceptance).

It is noted that part of the existing hardstanding is to be demolished and replaced with soft landscaping. Provided that this removal of existing hardstanding represents a 30% reduction in the total roof/hardstanding area, then the LLFA will accept that no attenuation of surface water run-off will be required. A CCTV survey of all existing surface water drainage pipelines and identification of their outfalls will be required to ensure the suitability of their condition and capacity.

Kirklees Flood Management & Drainage as Lead Local Flood Authority SUPPORTS this application SUBJECT to appropriate recommended conditions as set out below provided the above comments are satisfactorily addressed in the detailed design.

Suggested Drainage Conditions:

DR01 Drainage Details

Development shall not commence until a scheme detailing foul, surface water and land drainage, (including off site works, outfalls, plans and longitudinal sections, hydraulic calculations, phasing of drainage provision, existing drainage to be maintained/diverted/abandoned) has been submitted to and approved in writing by the Local Planning Authority. The scheme shall include a maintenance and management plan for surface water infrastructure. The development shall not be brought into use until such approved drainage scheme has been provided on the site to serve 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 until the works comprising the approved scheme have been completed and such approved scheme shall be retained thereafter.