

Our ref: CB2183-CAM-ZZ-XX-LT-C-0001-S2-P01

27 November 2025

Caerleon Comprehensive School, Cold Bath Rd, Caerleon, Newport NP18 1NF

Drainage Statement for Planning

Foul Drainage

Dwr Cymru Welsh Water records show there are no public foul water sewers within the site. The site is bound by residential development to the north and east. There are multiple public combined sewers within the residential developments. There is a 200mm diameter cast iron rising main public combined sewer that runs adjacent to the eastern boundary, headed in a north-west direction.

The proposed foul drainage from Block N shall connect to the existing private pump station near the main school entrance/exit. This development's enhancement of the existing school facility is perceived not to increase in loading / capacity requirements.

Surface Water Drainage

To manage surface water flows and mitigate flooding to the proposed development, water shall be managed on or close to the surface and as close to the source of the runoff as possible, in the form of a green roof, permeable paving, raingardens and attenuation storage systems. Discharge is proposed to an existing private surface water drain within the school site and proposed flows shall be restricted to meet 70% betterment on the existing regime.

Pollution shall be prevented at source, where possible. Rainfall shall be managed to help protect people from increased flood risk, and the environment from morphological and associated ecological damage resulting from changes in flow rates, patterns and sediment movement caused by the development. Future pressures on flood risk, the environment and water resources, such as climate change are considered.

A SuDS Management Train will be used, using drainage components in series across a site to achieve a robust surface water management system. Primary and secondary treatment components are proposed. Amenity and biodiversity benefits will be maximised to the site footprint and constraints. The proposed drainage scheme does not require pumping, the SuDS scheme will be affordable and take into account construction and long-term maintenance costs.

An area to the northern section of the site is proposed to include an extended car park and sports court facilities. However, there is no hydraulic change to the current drainage regime and new road markings are proposed. Therefore, the northern area proposals area is not included in the proposed drainage scheme and shall connect into the existing on-site drainage system.

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Yours faithfully,



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