

RESIDENTIAL DEVELOPMENT AT NORMANDY WAY HINCKLEY PHASE 2

TECHNICAL NOTE REGARDING STANDARDS FOR SUDS

New national standards for sustainable drainage systems were published in June 2025 and incorporated into the Nation Planning Policy Framework in August 2026

The site itself was granted outline planning permission in 2024 and was accompanied by a substantial flood risk assessment and drainage strategy which established land use patterns and scale, drainage methodology and scale and flood risk assessment

These documents pre-dated the new standards for Suds, but were not reserved from the outline consent. Nevertheless they are a substantial material consideration in the resolution of the outline consent

The developer accepts the premise of a simplified approach to run off from both permeable and impermeable areas by the use of a run off coefficient of 1.00 based on the impermeable areas. The pipe systems have been amended (upsized) to suit this new requirement as have the four attenuation ponds. The resultant run off volume remains fully contained within the banks of the ponds albeit that the freeboard to the river is reduced. Freeboard to properties remains adequate as being in excess of 1m in all cases and managed spillways will be provided to route any potential escape flows into the adjacent watercourse.

Suds provision for the road systems starts with the use of trapped gullies to remove primary debris and encourage sediment drop.

The entry to the attenuation provides a level grass swale to arrest velocity and encourage sediment drop. This will lead to a small area of permanent water to encourage further sediment drop, prior to flow across the bed of the pond. In total this constitutes 4 trains of treatment and the opportunity for enhanced evapotranspiration from the bed and water surface

The attenuation ponds allow for storage of the 1 in 100 year rainfall event plus a 40% allowance for climate change and an allowance for urban creep. The flows are attenuated to the pre-development Q_{bar} value as established in the calculations accompanying the original drainage statement

It is considered that the above is compliant with paragraph 2.6.2 of the National Standards

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