



PROPOSED RESIDENTIAL
DEVELOPMENT AT
BREACHWOOD GREEN.

Construction Surface Water
Management Plan

Reference MS/1050

Construction Surface Water Management Plan

Project Title: Breachwood Green
Report Title: Construction Surface Water Management Plan.
Project No: 1050
Report Reference: MS/1050
Status: FOR PLANNING
Client: Blakeney Estates
Client Contact: Jamie Doyle

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Construction Surface Water Management Plan

1 SITE DETAILS

Land Adjacent to Heath Road, Breachwood Green, Hitchin.

2 ROLES AND RESPONSIBILITIES

Role	Contact	Company Name	Contact Details
Project Manager	Jamie Doyle	Blakeney Estates	01525 659996

3 MANAGING SURFACE WATER DURING CONSTRUCTION

The site is currently 'green field' and overland surface water (pluvial) currently flows from the western boundary in an south-easterly direction towards Heath Road. The proposed drainage regime involves limiting surface water flow to 0.9l/s and forming a combined connection into the TWU foul sewer located in Heath Road. Surface water is proposed to be balanced and attenuated within the site utilising a cellular attenuation vessel with a supplementary open basin feature. A shallow swale on the southern boundary will protect the adjacent plot of land from any migratory surface water flow.

As such it is proposed that the combined sewer connection is formed as one of the first activities in conjunction with the installation of the cellular storage units and the main infrastructure pipework beneath the access. The site cabins will likely be located at the position of the open pond feature however initially the attenuation will provide adequate volume for the extent of hard surfaces (access/haul road taken to base course level). Later in the project as the externals are commenced the cabins can be removed or reduced and the pond feature constructed.

