

9th February 2024

Highbury Design
94 Alcester Road
Studley
Warwickshire
B80 7NP

Dear Sirs,

Drainage Strategy for 9a Walsall Street, West Bromwich

Further to your recent instruction, we have completed a drainage strategy and initial design for this site.

Foul Drainage

Severn Trent Water's sewer records show an existing public foul manhole within the site, to the east of the entrance. This flows out to a sewer in Walsall Street. We would recommend a direct connection be made to this manhole.

Surface Water Drainage

The enclosed Drainage Hierarchy Assessment shows that a discharge to the public surface water sewer is necessary.

In the absence of a survey of the drainage system of the existing site, Severn Trent Water will require that this discharge be limited to as low a rate as is practically possible. With this in mind, we have proposed that the discharge rate be limited by a flow control device to 2l/s.

With the restricted space available on site, the opportunities for swales, reedbeds and other above ground SUDS features are not practical. However, we would

recommend that the car park surface be constructed using a permeable material, with the sub-base being connected to the drainage system.

I trust this is sufficient, but if you need any further information, please let me know.

Yours sincerely



Chris Brocas
Keresley Engineering Services