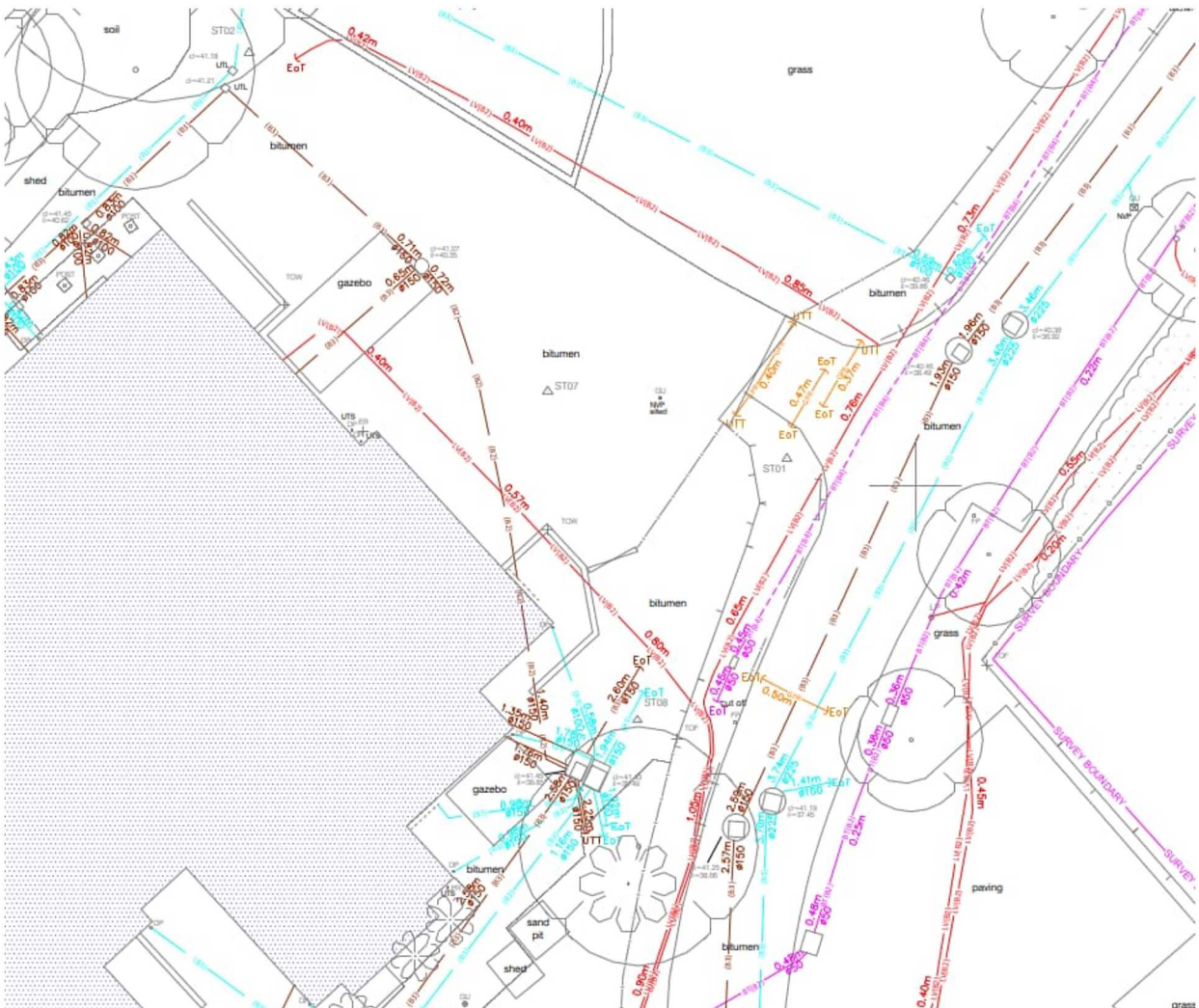


## Drainage Statement – Proposed Development Hilltop First School, Windsor

### Existing surface water drainage

This site is located within a brownfield setting of approximately 0.73ha to the southwest of Windsor. The site is bound by a housing estate and houses in all directions. The existing surface water drainage is collected via rainwater pipes and gullies into the onsite surface water drainage network which is then carried offsite into the main sewers.



### Site investigation works

Site investigations were undertaken by AP Geotechnics in October 2023. The shallow trial pits indicated that the ground conditions comprised of made ground over Orange clay.

Subsequently to the above ground conditions and current onsite drainage, soakaways are not deemed suitable for collecting the surface water drainage for the new extension.

**Proposed surface water drainage**

The new surface water drainage from the extension pitched roof's will be collected via rainwater pipes connected directly into the onsite surface water drainage network to then be carried offsite into the main sewer. As the new extension is being built over an area of existing hardstanding there will be no net increase in surface water volume.

In conclusion the new extension will not increase the impermeable area, the proposed rainwater pipes will discharge into the existing surface water network and therefore there will be no increase in surface water flood risk.

**Adam Sparkes – Senior Engineer**

Scott White and Hookins

November 2023