

Date: 17th February 2025
Our Ref: 0181
Project Name: Parkfields Farm, Crawley Down

PARKFIELDS FARM: FOUL SEWAGE AND SURFACE WATER (DRAINAGE ASSESSMENT)

This document has been prepared to support an application for the '*Erection of commercial building, reconfiguration of yard and associated works*'.

This document discusses the foul sewage and surface water drainage strategy to support the development.

Foul Sewage

The proposed commercial building will not be served by any water consuming fixtures such as toilets or sinks. There would therefore be no foul water discharge associated with the development and no need for a foul water strategy.

Surface Water Drainage

As shown in Appendix 1 – Surface Water Drainage Plan, surface water runoff will be discharged from the building via a combination of rainwater harvesting and existing and proposed pipes. The size and position of these pipe are shown. They all run to existing ditches. Runoff from the building will be collected via rainwater harvesting tanks and either used elsewhere on the site, or discharged via a series of existing and proposed pipes to ditches on the site where it will be discharged downstream. There are existing man hole covers on the site which will be used for the maintenance of the drainage system.

Much of the rainwater will be recycled on site from the rainwater harvesting tanks, and there will not be a significant increase in the amount of surface water that flows into the ditch. Our client has not had any issues with surface water flooding on the site, and the ditches will be sufficient to accommodate the additional surface water.

Appendix 1 – Surface Water Drainage Plan

