

Drainage solutions for new developments can be more complicated than expected. We investigate and select the most appropriate solution, consult with the regulatory authorities and deal with consents and adoption.

Consultees could include the Environment Agency, Sewerage Operator, Highway Authority, Planning Authority and Building Control.

## Foul Drainage

- Pipe sizes and layouts
- Connections to existing sewerage systems
- Liaison with sewerage operator for adoption
- Liaison with Environment Agency for discharge consent
- Connections to private systems
- Septic tanks
- Package treatment plants
- Pumping Stations
- Alternative sustainable solutions

## Surface Water Drainage

- Pipe sizes and layouts
- Sustainable Drainage Systems (SUDS)
- Soakaways
- Rainwater harvesting
- Flow control specification
- Connections to existing systems
- Adoption liaison
- Discharges to watercourses
- Headwalls and culverts
- Oil interceptors

We have provided design services on a range of housing and commercial developments. Industry standard software such as Microdrainage and Autocad are used in designing and detailing.

In addition to the above services we can advise on and assist with sewer requisitions and sewer adoption procedures.

We also offer a technical audit service which aims to independently check and confirm details prepared by others.

Preliminary Assessment

Enquiries

Review of Information

Action List

PLANNING STAGE

Flow Estimation

Outline Design

Consultation and agreement  
with Relevant Bodies

DETAILED DESIGN

HARA Appraisals

Drainage Design  
Storage Design

Layout Plans / Sections /  
Schedules

Connection Details

Consents