



DRAINAGE

From private foul and surface water drainage layouts for housing and commercial developments to complex urban drainage schemes, with flow-control devices and pumping stations, PFA Consulting offers a comprehensive drainage design service.

Using the Micro Drainage suite of programs we can analyse existing sewerage networks and design drainage solutions using Sustainable Drainage Systems (SUDS) wherever practical.

We can undertake Flood Risk Assessments in accordance with PPG25 and devise drainage solutions to mitigate the impacts. In short, our expert knowledge of relevant legislation and the planning process coupled with our technical expertise means we can address most drainage matters, whatever your new development may be.

PROJECT EXAMPLE: ELVETHAM HEATH, FLEET, HAMPSHIRE

PFA Consulting was employed by Charles Church Developments Limited (Southern Division) on a major town expansion at Elvetham Heath.

Our input involved the detailed infrastructure design for 5 land parcels comprising over 380 dwellings, forming part of a major housing development of around 1,700 dwellings, including a village centre with a school, church, community hall, supermarket and village green together with over 70 acres of open space.

PFA Consulting's services included:

- detailed infrastructure design
- earthworks modelling
- design of adoptable roads including highway drainage and street lighting
- design of adoptable drainage
- design of domestic drainage

engineering the future

