



Case Study

St Hilda's Court, Gloucester

Background

Cole Easdon Consultants (CEC) prepared surface water drainage & flood risk assessments to ensure compliance with the SUR1 (surface water discharge) and SUR2 (flood risk) elements of the Code for Sustainable Homes (CSH) for a residential development of 12 apartments on a former church hall site.

Client

Darren Evans Assessments Ltd

CEC Input

CEC provided:

- Report and calculations to show that the development site discharge rate and volume will comply with CSH requirements
- Hydraulic modelling using WINDES software to determine required culvert storage volume required during the 1:100 year storm event
- Flood Risk Assessment

Benefits of Our Involvement

- CEC delivered a cost effective assessment that complied with CSH requirements.
- Our drainage solution considered through-life maintenance and easy operational access over the lifetime of the development.
- CEC's proactive approach enabled us to resolve complex technical issues to the client's satisfaction.
- Early project involvement and close client liaison meant that CEC were able to provide valuable input, thereby minimising costs arising from drainage land take constraints.



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