

PURPOSE

Investigate and advise on the most appropriate drainage solutions and provide two written reports. This will demonstrate to the Planning Authority that the site drainage can be adequately dealt with and will also identify how the Mandatory Elements of the Code for Sustainable Homes (CSH) Category 4: Surface Water Run-off will be achieved.

INCLUDED ITEMS FOR EA FLOOD ZONE 1 (<1 Ha)

- Review existing drainage records provided by Client.
- Official Developer Enquiry to Sewerage Operator.
- Advise on location and Building Regulation Part H percolation test method.
- Analyse percolation test results to determine suitability for soakaways.
- Where soakaways are not suitable, assess the impermeable areas and calculate the peak rates of run-off in accordance with the CSH (Sur1).
- Calculate the volume of run-off pre and post-development and identify how the additional volume could be dealt with (by infiltration, rainwater recycling or attenuated discharge) in accordance with the CSH (Sur1).
- Consult with Environment Agency, Sewerage Operator, Highway Authority, Planning Authority, Building Control and land owners if appropriate.
- Obtain Homecheck Professional / Sitecheck Flood Report if required.
- Level 1 FRA – Screening Study to identify any flooding or surface water management issues (required for CSH).
- Assess options for the site.
- Provide general information on the options available e.g. adoption, SUDS.
- Provide conclusion of anticipated solutions for foul sewage disposal, surface water disposal and access road drainage.
- Recommend next steps to be undertaken in the detailed design.

SUPPLEMENTARY ITEMS EXCLUDED FROM STANDARD FEE – WE WILL ADVISE IF REQUIRED

AT THIS STAGE

- Service enquiries and investigations.
- Site visit.
- Cost of Contractor's plant, equipment and materials.
- Arranging and monitoring the BRE Digest 365 soakaway tests.
- Topographical survey.
- Environment Agency fees
- Detailed Design and Designer's Risk Assessment.
- Printed paper copies of reports

November 2010