

## PURPOSE

Provide a report and calculations to address the mandatory elements and evidence of Category 4 of the Code for Sustainable Homes (CSH) Sur 1 & Sur 2. This report is suitable for the following case, where the site is in Flood Zone 1 and less than 1 Hectare:

- If the development is increasing the impermeable area of the site AND;
- If it is already known how surface water run-off will be disposed of.

## Sur 1

The report will include surface water run-off calculations in accordance with CSH as well as the completed Sur 1 Template. It will document the surface water drainage proposals and confirm whether the development would qualify for any Sur 1 credits.

## Sur 2

The report will include a Flood Risk Assessment to satisfy the mandatory evidence requirements for Sur1 and could achieve the 2 credits available for Sur2 (Flood Risk).

## INCLUDED ITEMS

- Assess the impermeable areas pre-and post-development and calculate the peak rates of run-off and volumes in accordance with the CSH (Sur 1)
- Provide completed CSH Sur 1 Summary Template
- Assess proposed surface water drainage solutions and confirm Sur 1 mandatory elements are satisfied and whether any Sur 1 credits available
- Level 1 FRA – Screening Study to identify any flooding or surface water management issues or confirm the site is at low risk of flooding and whether any Sur 2 credits are available (see separate schedule)
- Recommend next steps to be undertaken in the detailed design

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

### AT THIS STAGE

- Fast-Track 2 day service
- Official Developer Enquiry to Sewerage Operator
- Foul sewerage investigations
- Service enquiries and investigations
- Site visit
- Cost of Contractor's plant, equipment and materials
- Arranging and monitoring soakaway tests
- Topographical survey
- Detailed Design and Designer's Risk Assessment
- Paper copy of report

November 2010