



areas or storage locations. This plan should show any pipe 'node numbers' that have been referred to in network calculations and it should also show invert and cover levels of manholes.

b) Confirmation of the critical storm duration.

c) Where infiltration forms part of the proposed stormwater system such as infiltration trenches and soakaways, soakage test results and test locations are to be submitted in accordance with BRE digest 365.

d) Where on site attenuation is achieved through ponds, swales, geocellular storage or other similar methods, calculations showing the volume of these are also required.

e) Where an outfall discharge control device is to be used such as a hydrobrake or twin orifice, this should be shown on the plan with the rate of discharge stated.

f) Calculations should demonstrate how the system operates during a 1 in 100 chance in any year critical duration storm event, including an allowance for climate change in line with the National Planning Policy Framework Technical Guidance. If overland flooding occurs in this event, a plan should also be submitted detailing the location of overland flow paths and the extent and depth of ponding.

We trust these comments will prove useful. If you have any questions please feel free to contact me.

Yours sincerely

**Michael Devanny**  
**Planning Advisor**

