

**Amanda Scholes**

ARG

**From:** Amanda Scholes on behalf of Planning.Responses  
**Sent:** 04 December 2014 16:49  
**To:** Planning Scanning; Amanda Scholes  
**Subject:** FW: Planning Consultation on: R/238/14/PL  
**Attachments:** Drainage - Supplementary Guidance Notes.pdf

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**From:** Thomas Callaway  
**Sent:** 04 December 2014 16:27  
**To:** Planning.Responses  
**Subject:** RE: Planning Consultation on: R/238/14/PL

Comments as for EP/58/14/PL:

*Engineers comments in respect to surface water drainage:*

The applicant states that surface water will be discharged to soakaways.

Please apply standard conditions ENGD2A and ENGD6A.

Infiltration rates for soakage structures are to be based on percolation tests undertaken in the winter period and at the location and depth of the proposed structures. The percolation tests must be carried out in accordance with BRE 365, CIRIA R155 or a similar approved method and cater for the 1 in 10 year storm between the invert of the entry pipe to the soakaway, and the base of the structure. It must also have provision to ensure that there is capacity in the system to contain below ground level the 1 in 100 year event plus 30% on stored volumes, as an allowance for climate change. Adequate freeboard must be provided between the base of the soakaway structure and the highest recorded annual groundwater level identified in that location.

Any SuDS or soakaway design must include adequate groundwater monitoring data to determine the highest winter groundwater table in support of the design. The applicant is advised to discuss the extent of groundwater monitoring with the Council's Engineers. Supplementary guidance notes are also enclosed for information.

A culverted watercourse is likely to run along the line of the ditch within the property. This must be investigated to determine its exact location and purpose. It may be useful for the applicant to contact us regarding investigating the culvert and ditch.

Regards

Tom Callaway

Thomas Callaway | Drainage & Coastal Engineer, Engineering Services, Arun District Council | Location: Second Floor, Arun Civic Centre, Maltravers Road, Littlehampton, BN17 5LF

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Save the environment - think before you print.

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**From:** [REDACTED]  
**Sent:** 04 November 2014 16:33  
**To:** Thomas Callaway  
**Subject:** Planning Consultation on: R/238/14/PL