

Sandra Edwards

From: Amanda Scholes on behalf of Planning.Responses
Sent: 19 June 2018 08:23
To: Planning Scanning
Subject: FW: BE/40/18/PL

From: David Easton
Sent: 18 June 2018 14:28
To: Planning.Responses
Subject: FW: BE/40/18/PL

From: Laura Gibbons
Sent: 18 June 2018 13:56
To: David Easton
Subject: RE: BE/40/18/PL

Engineers Comments Regarding Surface Water Drainage

Please apply standard conditions ENGD2B, ENGD4A and ENGD6A.
Soakaways must be investigated for surface water disposal.

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 R156 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 40% 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.

There is currently a culvert to the north of the proposed parking bays, this is a redundant field crossing and will need to be removed as part of the wider ditch improvement works to the proposed site.

Regards,

Laura Gibbons, MEng, GMICE
Engineer (Drainage & Coastal)

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From: David Easton
Sent: 18 June 2018 13:38
To: Laura Gibbons
Subject: BE/40/18/PL

Hi Laura,

I was writing the above up for approval and noted we had not consulted engineers (drainage). Are you able to take a quick look at this one and let me know if you would have any comments?

Many thanks,
David

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