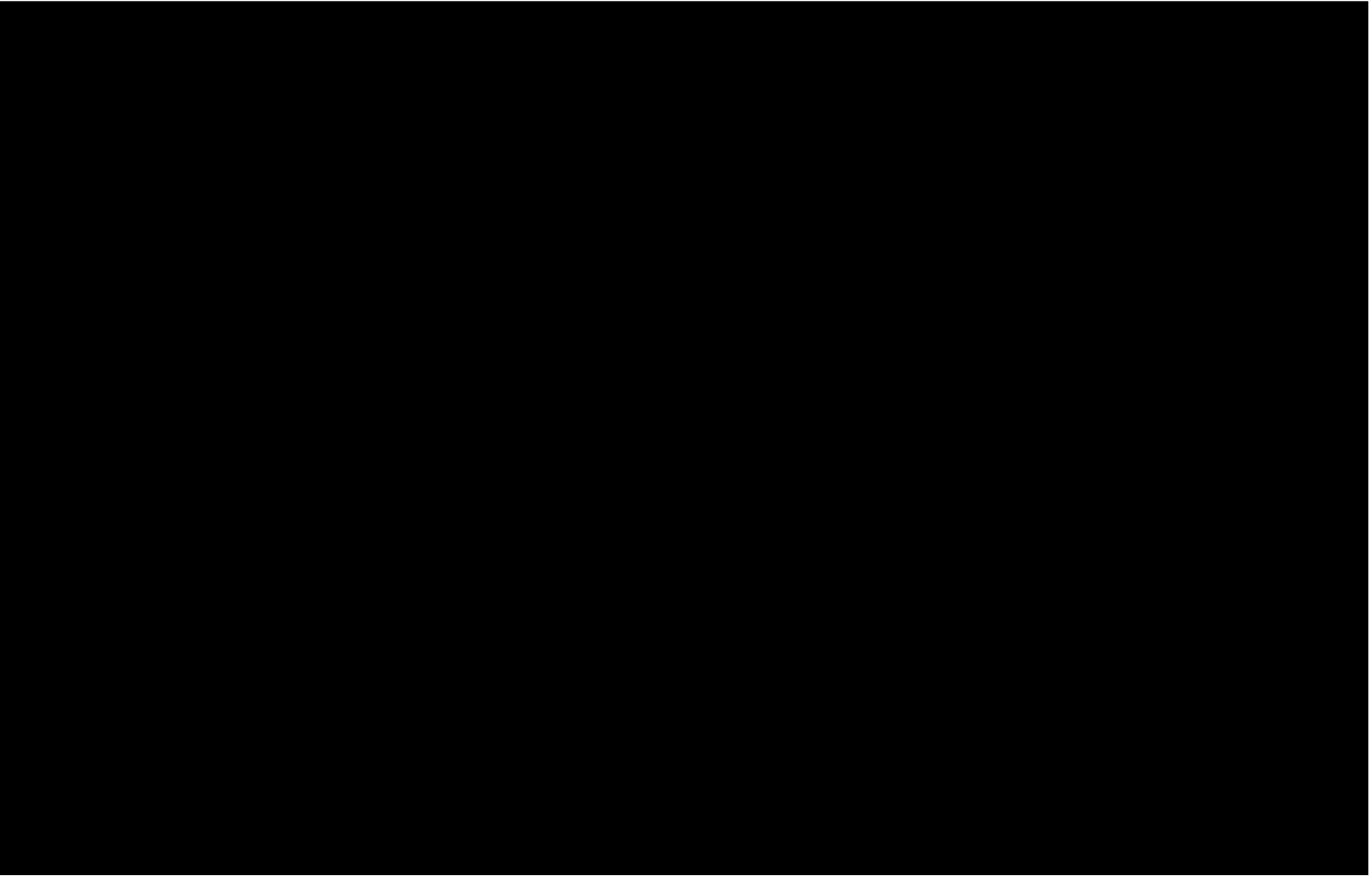




From: Sarah Burrow <Sarah.Burrow@arun.gov.uk>
Sent: 10 August 2021 11:39
To: Planning.Responses <Planning.Responses@arun.gov.uk>
Cc: Daniel Vick <Daniel.Vick@arun.gov.uk>
Subject: AL/79/21/DOC

Engineers Comments Relating to Surface Water Drainage

The applicant has commissioned groundwater monitoring and infiltration testing which has been undertaken in the winter months. They have found groundwater to peak at 2.15mbgl and that infiltration is viable on site with an evidenced infiltration rate of 4.5×10^{-5} m/s with infiltration testing carried out in accordance with BRE365. These site investigations are sufficient for a development of this size and no further infiltration testing or groundwater monitoring is necessary.

A proposed floor plan has been supplied which shows the approximate drainage layout. We would require more detail on a detailed drainage layout in order to recommend that Condition 3 is discharged. The soakaway that is shown on the layout appears to be undersized and the calculations to support the sizing are not in accordance with BRE365 or any other approved method.

In order to discharge the condition the applicant will need to supply appropriate calculations to size the soakaway (on the basis of the on-site infiltration rate), a more detailed drainage layout (please see our drainage checklist linked below and pay attention to note 10) plus construction detail drawings (note 11 on same drainage checklist) for all components.

[download.cfm \(arun.gov.uk\)](#)

It is advised that a completed copy of the checklist is uploaded to support the application.

Kind regards

Sarah Burrow
Engineering Assistant, Engineering Services



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Current working pattern: Monday 8am-2.30pm, Tuesday 8am-5.30pm, Wednesday 8am-5pm,
Thursday 8am-5.30pm, Friday 8am-11.30am.

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