
FW: Planning Consultation on: AL/20/26/PL - SUB PLAN

From Simon Davis <Simon.Davis@arun.gov.uk>

Date Tue 21/07/2026 17:27

To Planning.Responses <Planning.Responses@arun.gov.uk>

 1 attachment (8 MB)

Hydraulic Calcs - P04.pdf;

Hi,

Please add this to the website as an additional document. No redaction needed.

Ta

Simon

From: Louis Welle [REDACTED]

Sent: 07 July 2026 16:32

To: Paul Cann <Paul.Cann@arun.gov.uk>

Cc: Kate Chapma [REDACTED]; Simon Davis <Simon.Davis@arun.gov.uk>; Joe Dixon <Joe.Dixon@arun.gov.uk>; Madeleine Cozen [REDACTED]; Nathan Turn [REDACTED]

Subject: Re: Planning Consultation on: AL/20/26/PL

CAUTION: This email originated from outside of the organisation. You should take extra care when clicking links or opening attachments - if you are unsure the content is safe contact the IT Helpdesk before clicking or opening.

Hi Paul,

Regarding the calculations, there was an issue with my pdf software which has since been resolved. Please find the calculations attached for your convenience.

Can you have your consultant review these calculations and provide comments?

The calculations indicate a FoS of 10 was applied. Beneath car parking bay 5 we will provide HydroRock as attenuation, resulting in a void ratio of 94% as shown in the calculations. You will note that all storms up to and including the 1:100 yr+45% climate change storm event are stored below ground, therefore, there will be no flooding.

More testing was only required because you did not accept our original design, where the GWL was 1.2m below the base of our soakaway. You deemed this not to be OK even though we fell in line with the requirements for the small exceptions site. Following reducing the soakaway depth you then requested further infiltration testing. There was never enough time to have this carried out during the winter period.

Following the reduction of 400mm to the base of our soakaway and the 200mm in lieu over and above the 1.0m saturation zone. I think we can safely assume that over the period

where wintertime turns into summertime, GWLs would not have risen by 600mm during the dry spell of weather we have had.

I look forward to hearing from you following review of attached calculations. Happy to sit down and talk with your consultant if that helps.

Kind Regards,