

[REDACTED]

From: Simon Davis
Sent: 21 December 2018 12:22
To: Planning.Responses
Subject: FW: A18237C. Kings Beach Hotel (P/83/18/DOC)

Further drainage comments

From: Laura Gibbons
Sent: 21 December 2018 12:20
To: [REDACTED]
[REDACTED]

Subject: RE: A18237C. Kings Beach Hotel (P/83/18/DOC)

Hi Andy,

We do not require 1m clearance to groundwater, therefore the sub base depth can be increased.

Given the calcs and construction details the total depth could be 0.521m. This still gives nearly 1m clearance to groundwater anyway.

Kind Regards,

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

Laura Gibbons | Engineer (Drainage & Coastal), Engineering Services, Arun District Council | Location: First Floor, Arun Civic Centre,
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Save the environment - think before you print.

From: [REDACTED]
Sent: 21 December 2018 10:28
To: Laura Gibbons
Cc: Simon Davis; 'Tom Hall'
Subject: A18237C. Kings Beach Hotel (P/83/18/DOC)

Laura,

Many thanks for your email and comments.

Please find attached a calculation for the western part of the site showing that the porous surfacing at 250mm stone is not capable of managing the roof water. We do not recommend increasing the stone depth due to the water table issues. I visited the site this week and can confirm groundwater ingress occurs at approx. 1.5m BGL.

I have updated our typical details to include the porous asphalt detail for your records.

We submitted the S106 application (Ref DS_CPS-103387) in September but have had nothing back from SWU yet. Our office is closing shortly for Christmas so I am unable to chase until the new year.

Kind Regards,

For ing **Andy Johnson**
BSc BEng MEng CEng MICE
Principal Consultant

The Stilwell Partnership

