

From: Amanda Scholes on behalf of Planning.Responses
Sent: 07 January 2019 11:32
To: Planning Scanning
Subject: FW: A18237C. Kings Beach Hotel (P/83/18/DOC)

From: Simon Davis
Sent: 04 January 2019 13:58
To: Planning.Responses
Subject: FW: A18237C. Kings Beach Hotel (P/83/18/DOC)

Further drainage engineer advice

Kind Regards

Simon J Davis MRTPI | Principal Planning Officer, Planning Department, Directorate of Place, Arun District Council |
Location: Planning, First Floor, Arun Civic Centre, Maltravers Road, Littlehampton, BN17 5LF

Please note that I typically work from home on Thursdays when I am unreachable on my work phone

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From: Laura Gibbons
Sent: 04 January 2019 13:44
To: 'Andy Johnson' <[redacted]>
Cc: 'Tom Hall' <[redacted]>, Simon Davis <[redacted]>
Subject: RE: A18237C. Kings Beach Hotel (P/83/18/DOC)

Andy,

The drainage layout submitted doesn't show the permeable paving extents. I don't know if the layer was just switched off or what. However, please ensure extents are shown and that the paving is labelled up with finish and formation level.

The calculations also demonstrate that 390mm stone is required in the west, and 460mm in the east. Please update drawings accordingly.

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,
Maltravers Road, Littlehampton, BN17 5LF

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From: Andy Johnson [REDACTED]
Sent: 02 January 2019 08:17
To: Laura Gibbons
Cc: 'Tom Hall'
Subject: RE: A18237C. Kings Beach Hotel (P/83/18/DOC)

Laura,

Please find attached the updated pack. The system requires 250mm stone in the east side and 350mm stone in the west.

Kind Regards,

For Ing Andy Johnson

BSc BEng MEng CEng MICE
Principal Consultant

The Stilwell Partnership



A: Satellite House, 2 Nexus Park, Lysons Avenue, Ash Vale, Surrey, GU12 5QE

From: Laura Gibbons [REDACTED]
Sent: 21 December 2018 12:26
To: Andy Johnson [REDACTED]
Subject: RE: A18237C. Kings Beach Hotel (P/83/18/DOC)

That's great, then we don't have to wait for a S106 approval either.

Have a good Christmas.

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,
Maltravers Road, Littlehampton, BN17 5LF

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From: Andy Johnson [REDACTED]
Sent: 21 December 2018 12:24
To: Laura Gibbons
Cc: Simon Davis; 'Tom Hall'
Subject: RE: A18237C. Kings Beach Hotel (P/83/18/DOC)

Thanks Laura,

I will do an update to the calculations and drawing to use just the stone for infiltration and increase the depth. This wont be until the new year though.

Have a good Christmas.

Kind Regards,

Engineering Andy Johnson

BSc BEng MEng CEng MICE
Principal Consultant

The Stilwell Partnership

[REDACTED]
A: Safelinet House, 2 Nexus Park, Lysons Avenue, Ash Vale, Surrey, GU12 5QE

From: Laura Gibbons [REDACTED]
Sent: 21 December 2018 12:20
To: Andy Johnson [REDACTED] >
Cc: Simon Davis [REDACTED]; 'Tom Hall' [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,
Maltravers Road, Littlehampton, BN17 5LF

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From: Andy Johnson [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



A: Satelliet House, 2 Nexus Park, Lysons Avenue, Ash Vale, Surrey, GU12 5QE

London Newcastle Glasgow Huddersfield Manchester Chester Birmingham Guildford Dubai Sydney



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