

From: Simon Davis
Sent: 01 March 2018 10:41
To: Planning.Responses
Subject: FW: Y/52/17/DOC - Longacre, Maypole Lane

Further Drainage comments

Kind Regards

Simon J Davis MRTPI | Principal Planning Officer, Planning Department, Directorate of Place, Arun District Council |
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From: Paul Cann
Sent: 01 March 2018 10:12
To: Simon Davis
Subject: RE: Y/52/17/DOC - Longacre, Maypole Lane

Hi Simon

Comments on proposals;

1. Alter soakaway detail to make it clear that a 'permeable' geotextile membrane is to be used.
2. Include a construction detail for the permeable paving, with the type 3 stone fully wrapped in permeable geotextile.
3. Specify finished levels for the permeable paving to show that any surface slope does not compromise the available storage in the type 3 stone.
4. The calculations for the permeable paving storage are slightly confusing in that the free volume for the type 3 stone is shown as 50% rather than 30%. There is also reference to 95% voids. Please clarify/correct as necessary. I have carried out my own calculations to confirm that the design storm can be accommodated within the type 3 stone (subject to the findings of item 3), however, the calculations supplied just need to be clear for future reference.
5. The future management and maintenance document does not form part of the planning condition, however, for the benefit of residents, it should be expanded to include the following:
 - a) How the management company will be funded.
 - b) A more detailed explanation of how the system is designed to work and highlight the importance of keeping the silt traps maintained.
 - c) The level of detail for maintenance tasks/frequencies should be expanded. Refer to pages 267 and 430 of the suds manual (Ciria C753).
 - d) Include references to construction detail drawings.

Look forward to receiving revised details, etc.

Regards

Paul Cann
Senior Engineer (Drainage & Coastal)

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From: Simon Davis
Sent: 26 February 2018 15:36
To: Paul Cann
Subject: FW: Y/52/17/DOC - Longacre, Maypole Lane
Importance: High

Hi Paul,

This has been provided in response to your email of 05/12/17.

Kind Regards

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From: [REDACTED]
Sent: 26 February 2018 15:05
To: Simon Davis
Subject: RE: Y/52/17/DOC - Longacre, Maypole Lane
Importance: High

Dear Simon,

Please find the requested information attached – this is explained below in red against Mr Canns points. Apologies for the delay, our engineer has been off with some personal issues.

1. Please provide a clean copy of the stormwater drainage design document dated Sept 17, as the scanned copy is unreadable in places. See attached.
2. Provide details of the groundwater level observations in Feb 2017. See attached log / photos [1937.14]

3. *Calculations need to include an allowance for climate change ie. 30%. See attached document [Front / Rear Drainage] -- engineer has re-run his calculations to include this now.*
4. *Page 2 of the Sustainable Drainage Management Plan appears to be missing. See attached -- pages numbered incorrectly previously.*
5. *Provide catchpit construction details. Refer to drawing TST01.*
6. *Provide additional manhole on south west corner of building. Refer to attached drawing 17-1779-01A.*
7. *I note the driveways are to be gravel surfaced, however, they need to be designed to store the 1 in 100 year storm+30% within the sub base. Please provide construction details and calculations in this respect. Refer to attached drawing 17-1779-01A and 'Soakaway and Driveway' document.*

I trust this is now acceptable.

Regards

Matthew Brockhurst BA (Hons) ACIAT



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