

Lynnyrd Wolfe

From: Simon Davis
Sent: 09 April 2019 12:39
To: Planning.Responses
Subject: FW: Planning Consultation on: BR/311/18/PL
Attachments: Chichester University Drainage Strategy_REV4_COMPLETE.PDF

Please see Action Sheet

Kind Regards

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From: Jonathan Pritchard [REDACTED]
Sent: 08 April 2019 08:49
To: Simon Davis [REDACTED]
Subject: RE: Planning Consultation on [REDACTED]

Dear Mr Davis,

Please find attached the updated Drainage Strategy which addresses the final comments from the Council drainage engineer.

Also attached is a copy of the email send directly to the Council drainage engineer's comments which provides an explanation of the details that have been provided.

Kind regards

Jonathan Pritchard BA MSc MRTPI
Associate Town Planner

[REDACTED]

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From: Jonathan Pritchard [REDACTED]
Sent: 13 February 2019 16:22
To: 'Simon Davis' [REDACTED]
Subject: RE: Planning Consultation on: BR/311/18/PL

Dear Mr Davis,

Please find attached details to address the Council drainage engineer's comments following a meeting between them and the project engineers.

Also attached is a copy of the email send directly to the Council drainage engineer's comments which provides an explanation of the details that have been provided.

I hope to respond to other outstanding matters in due course.

Kind regards

Jonathan Pritchard BA MSc MRTPI
Associate Town Planner



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From: Simon Davis 
Sent: 03 January 2019 10:51
To: Jonathan Pritchard 
Subject: FW: Planning Consultation on: BR/311/18/PL

Dear Jonathan,

Please note the below drainage engineer comments.

Kind Regards



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From: Laura Gibbons
Sent: 02 January 2019 16:33
To: Planning.Responses 
Cc: Simon Davis 
Subject: RE: Planning Consultation on: BR/311/18/PL

Engineers Comments Regarding Surface Water Drainage

The proposals are to limit discharge to 5l/s. This is not appropriate, discharge should be restricted to either QBar or 2l/s whichever is the greater. 2l/s is achievable without increasing the risk of blockage to unacceptable levels.

Furthermore, the development is within a surface water flood risk area. The attenuation basing should be designed to accommodate the surface water flooding displaced by the proposed building and the rain water from the proposed impermeable areas.

There is a private sewer running through the site which is in a poor state of repair. The applicant has been in consultation with us regarding this previously. The corrective measures identified must be undertaken. The derelict culvert that is also present in this area should be removed, the applicant is advised to contact us regarding this.

Please apply **ENGD2B, ENGD4A, ENGD5A, and ENGD6A.**

Soakaways must be investigated for surface water disposal.

Infiltration rates for soakage structures are to be based on percolation tests undertaken in the winter period and at the location and depth of the proposed structures. The percolation tests must be carried out in accordance with BRE 365, CIRIA R156 or a similar approved method and cater for the 1 in 10 year storm between the invert of the entry pipe to the soakaway, and the base of the structure. It must also have provision to ensure that there is capacity in the system to contain below ground level the 1 in 100 year event plus 40% on stored volumes, as an allowance for climate change. Adequate freeboard must be provided between the base of the soakaway structure and the highest recorded annual groundwater level identified in that location.

Any SuDS or soakaway design must include adequate groundwater monitoring data to determine the highest winter groundwater table in support of the design. Groundwater monitoring is required October to March inclusive, the locations should be discussed with the Council's Engineers. Winter infiltration testing must also be completed. Supplementary guidance notes are also enclosed for information.

Regards,

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

