

From: Laura Gibbons
Sent: 03 May 2019 12:16
To: Planning.Responses
Subject: FW: Planning Consultation on: BE/9/19/PL

Engineers Revised Comments Regarding Surface Water Drainage

I am happy for infiltration testing and ground water monitoring to be completed outside of the winter period. I do not believe infiltration will work in this location due to the close proximity to the Rife. However, it must be proved that infiltration is not viable. If it is found that infiltration isn't achievable a connection to the Rife will be required, this would require a flood risk activity permit from the Environment Agency.

Therefore, please apply a revised version of our standard condition as follows:

"Development shall not commence, other than works of site survey and investigation, until full details of the proposed surface water drainage scheme have been submitted to and approved in writing by the Local Planning Authority. The design should follow the hierarchy of preference for different types of surface water drainage disposal systems as set out in Approved Document H of the Building Regulations, and the recommendations of the SuDS Manual produced by CIRIA. Groundwater monitoring and Percolation testing to BRE 365, or similar approved, will be required to support the design of any Infiltration drainage. No building / No part of the extended building shall be occupied until the complete surface water drainage system serving the property has been implemented in accordance with the agreed details and the details so agreed shall be maintained in good working order in perpetuity."

And the accompanying informative (INFORMD)

"Infiltration rates for soakage structures are to be based on percolation tests undertaken at the location and depth of the proposed structures. The percolation tests must be carried out in accordance with BRE365, 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. The applicant is advised to discuss the extent of groundwater monitoring with the Council's Engineers.

Supplementary guidance notes regarding surface water drainage are located here

<https://www.arun.gov.uk/surfacewater> on Arun District Councils website. A surface water drainage checklist is available here <https://www.arun.gov.uk/drainagechecklist> on Arun District Councils website, this should be submitted with a Discharge of Conditions Application."

Regards,

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



From:
Laura
Gibbo

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Sent: 14 February 2019 14:00

To: Planning.Responses

Cc: Richard Castro-Parker

Subject: RE: Planning Consultation on: BE/9/19/PL

Engineers Comments Regarding Surface Water Drainage

Please apply **ENGD2B, ENGD4A.**

Infiltration must be investigated.

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. The applicant is advised to discuss the extent of groundwater monitoring with the Council's Engineers. Supplementary guidance notes and our surface water drainage submissions checklist are also enclosed for information.

Please note that the application is within Flood Zone 3 and therefore the Environment Agency should be consulted.

Regards,

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

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Save the environment - think before you print.

From: planning.responses@arun.gov.uk [mailto:planning.responses@arun.gov.uk]

Sent: 28 January 2019 12:18

To: Land Drainage

Subject: Planning Consultation on: BE/9/19/PL

To: Engineers (Drainage)

NOTIFICATION FROM ARUN DISTRICT COUNCIL

Town & Country Planning Act 1990 (as amended)

Town and Country Planning (Development Management Procedure) (England) Order 2015

Planning Permission

APPLICATION **BE/9/19/PL**

NO:

Registered: 28th January
2019

Site Address: Bognor Regis Flying Club LEC Airfield Railside Retail Park
Shripney Road Bognor Regis PO22 9FL

Grid Reference: 494351 100725

Description of Works: Steel portal frame hangar. This application is a Departure from the Development Plan.

The Council have received the above application. I shall be pleased to receive any observations you may wish to make.

[Click here to view the application details](#)

Should you have any comments to make, these should be sent by replying to this email by 28-FEB-19.

You can also monitor the progress of this application through the Council web site:
www.arun.gov.uk/planning

Please be aware that any comments you may make will be available on our website so please do not insert personal details or signatures on your reply.

In the absence of a reply within the period stated, I shall assume that you have no observations to make.

The application will be determined having regard to the development plan policies (if any are relevant) and other material considerations. The development plan can be accessed via the website as can the leaflet which deals with material planning considerations.

Should the application go to appeal the Planning Inspectorate will publish any comments made to the Council on their website:
www.planningportal.gov.uk/planning/appeals/ but they will protect personal details.

The officer dealing with this application is Richard Castro-Parker who can be contacted on telephone number 01903 737643.

Regards
Planning Officer

consultee_email
