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Arun District Council, Civic Centre, Maltravers Rd, Littlehampton, West Sussex, BN17 5LF
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From: Sarah Burrow <Sarah.Burrow@arun.gov.uk>
Sent: 14 September 2021 09:41
To: Planning.Responses <Planning.Responses@arun.gov.uk>
Cc: Amber Willard <Amber.Willard@arun.gov.uk>
Subject: RE: Planning Consultation on: BE/127/21/OUT

Engineers Comments Regarding Surface Water Drainage

Very little information regarding surface water drainage has been supplied (aside from the suggestion that soakaways will be utilised). There is adequate space on the site to support soakaways should infiltration be viable, we would expect winter infiltration testing and winter groundwater monitoring to support the design of any infiltration system. Existing and proposed trees (root protection zones) must not conflict with suds features/pipework.

If infiltration is found to not be viable then there is a surface water sewer in Chichester Road which can serve as an alternative discharge location. We would not support connection of surface water to this sewer without evidence that infiltration won't work on the site (in accordance with the SUDS hierarchy).

If you are minded to approve the application please apply the following conditions to ensure that the development is adequately drained and does not increase flood risk elsewhere.

PCENG2

"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. Winter groundwater monitoring to establish highest annual ground water levels and winter 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."

Reason: To ensure that the proposed development is satisfactorily drained in accordance with policies W SP1, W DM1, W DM2 and W DM3 of the Arun Local Plan. This is required to be a pre-commencement condition because it is necessary to implement the surface water drainage system prior to commencing any building works.

And the accompanying informative:

INFORMD

"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 BRE365, CIRIA R156 or a similar approved method and cater for the 1 in 10 year storm event plus 40% on stored volumes (allowance for climate change) 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 storm event plus 40% on stored volumes. 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 regarding surface water drainage are located here [Drainage Planning Consultations](#). [Arun District Council](#) on Arun District Councils website. A surface water drainage checklist is available on Arun District Councils website, this should be submitted with a Discharge of Conditions Application."

Kind regards

Sarah Burrow

Engineering Assistant, Engineering Services

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Current working pattern: Monday 8am-2.30pm, Tuesday 8am-5.30pm, Wednesday 8am-5pm, Thursday 8am-5.30pm, Friday 8am-11.30am.

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From: Planning.Responses <Planning.Responses@arun.gov.uk>

Sent: 09 August 2021 09:49

To: Land Drainage [REDACTED]

Subject: Planning Consultation on: BE/127/21/OUT

To: **Engineers (Drainage)**

NOTIFICATION FROM ARUN DISTRICT COUNCIL

Outline Consent

Application No: BE/127/21/OUT
Registered: 6th August 2021
Site Address: 280 Chichester Road Bersted PO21 5AX
Grid Reference: 492305 100723
Description of Works: Outline application with some matters reserved (appearance, landscape and scale) to replace existing single storey bungalow with 2 No. 3 bed dwellings.

The Council have received the above application.

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

Should you have any comments to make, these should be sent by replying to this email by 10th September 2021 . You can also monitor the progress of this application through the Council web site:

<https://www.arun.gov.uk/planning-application-search>

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

<https://www.arun.gov.uk/development-plan> as can information on what comments we can consider

<https://www.arun.gov.uk/planning-application-comments>

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.

Should the application go to appeal the Planning Inspectorate will publish any comments made to the Council on their website: <https://acp.planninginspectorate.gov.uk/> but they will protect personal details.

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

Yours sincerely

Amber Willard

Planning Officer- Arun District Council

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Email: amber.willard@arun.gov.uk

PLCONSULT (CDS) 2020