

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: 25 August 2021 10:48
To: Planning.Responses <Planning.Responses@arun.gov.uk>
Cc: Maria Tomalova <Maria.Tomalova@arun.gov.uk>
Subject: RE: Planning Consultation on: AL/83/21/PL

Engineers Comments Regarding Surface Water Drainage

As this is a new proposed dwelling rather than change of use, the hierarchy for sustainable drainage must be followed with infiltration fully investigated. A 5m easement from buildings to soakaways must be provided, in addition we stipulate that soakaways are kept 2.5m from property boundaries and 5m from the highway.

In this case, it is clear that it will not be possible to locate soakaways within the boundaries of the site. Not utilising infiltration due to lack of space is inappropriate, this proposal unduly prejudices drainage design and is likely to not allow for the hierarchy for sustainable drainage to be followed.

There seems to be no consideration of sustainable surface water drainage, the applicant states on the application form that surface water for the site will be disposed of via the Main Sewer. The application is located in the Lidsey Treatment Catchment where ADC are committed to preventing and reducing surface water runoff from entering the combined and foul sewer system through the adoption of SuDS techniques. Irrespective of the foul sewer location (within the Lidsey Treatment Catchment), WSCC SUDS Policy states that "Surface water must not be discharged into the foul sewer system." [para 5.2.6 relating to SUDS Policy 1].

It may be that the applicant can drain surface water from the site by utilising a blanket permeable paving system, however, without winter groundwater monitoring and winter infiltration testing there is no way of determining the area take up required for this infiltrating surface water drainage solution. Indeed no evidence has been provided to evidence that infiltration is not viable on the site and there are no watercourses or surface water sewer in the

vicinity of the site which could accept surface water flows if infiltration is not viable. This leaves only the foul sewer which both ourselves and Southern Water would likely oppose the connection of surface water to.

Therefore I object to the application.

In order to remove my objection the applicant will need to supply winter groundwater monitoring, infiltration testing and a drainage design that shows that it is possible to meet our requirements and drain surface water from the site without increasing flood risk elsewhere.

However, if you are minded to approve the application please ensure the following conditions are applied:

PCENG D2

"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:

INFORM D

"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 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 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 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: 14 July 2021 10:34
To: Land Drainage [REDACTED]
Subject: Planning Consultation on: AL/83/21/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 No: AL/83/21/PL
Registered: 13th July 2021
Site Address: Land adj to 1 Hook Lane Westergate PO20 3QL
Grid Reference: 493753 104397
Description of Works: Demolition of existing storage building & garage, replace with 1 No. 3 bed dwelling, including new access to existing dwelling. This application is in CIL Zone 2 and is CIL liable as new dwelling.

The Council have received the above application.

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

This application has been identified as CIL Liable. Therefore please be aware that, in accordance with Appendix 2 of the Arun CIL Charging Schedule, your consultation response should only include requests for Section 106 for onsite mitigation, Pagham Harbour Management Contributions (if applicable) or Affordable Housing. "Off" Site mitigation measures directly related to this development should be dealt with by condition if possible to ensure the scaling back of Section 106 if possible. CIL contributions will be used for "off" site infrastructure mitigation schemes. Therefore if this proposal triggers the need for "off" site mitigation, please ensure that you engage in the CIL Infrastructure List Consultation process upon receipt of a consultation letter.

Should you have any comments to make, these should be sent by replying to this email by 12th August 2021 . You can also monitor the progress of this application through the Council web site:

www.arun.gov.uk/planning.

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 the the leaflet how to respond to planning applications <https://www.arun.gov.uk/planning-application-comments> which deals with material planning considerations.

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://www.planningportal.co.uk/info/200207/appeals> 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

Maria Tomalova

Planning Officer- Arun District Council

Telephone: 01903 737510

Email: maria.tomalova@arun.gov.uk

PLCONSULT (ODS) 2020