

Arun District Council, Civic Centre, Maltrovers Rd, Littlehampton, West Sussex, BN17 5LF

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From: Sarah Burrow <Sarah.Burrow@arun.gov.uk>

Sent: 01 July 2021 10:54

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

Cc: Andrew Wood <Andrew.Wood@arun.gov.uk>; Karl McLaughlin <Karl.McLaughlin@arun.gov.uk>

Subject: RE: Planning Consultation on: LU/151/21/PL

Engineers Comments Regarding Surface Water Drainage

The site is located in Flood Zones 3 (predominately), 2 and 1. Therefore the EA should be consulted. The Coastal Engineer (copied in) should also be consulted for clarification of the SMP Policy for the area (referred to in the FRA).

The applicant has supplied no winter site investigations (groundwater monitoring and infiltration testing), we would need to see these before disregarding infiltration as an option (as the flood risk is predominately tidal in a defended area). It is encouraging to see the use of green roofs suggested as these are wholly appropriate in a flood zone.

However, no detailed surface water design has been submitted, therefore, 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.

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:

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 [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: 17 May 2021 16:49

To: Land Drainage [REDACTED]

Subject: Planning Consultation on: LU/151/21/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: LU/151/21/PL
Registered: 10th May 2021
Site Address: 25 River Road Littlehampton BN17 5BZ
Grid Reference: 502490 102086
Description of Works: Demolition of existing car garage and the erection of 2 no. two-storey residential buildings comprising 5 no. flats with associated works. This site affects the character & appearance of the Littlehampton River Road Conservation Area & is in CIL Zone 4 (Zero Rated) as flats.

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 18th June 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 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

Andrew Wood

Planning Officer- Arun District Council

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PLCONSULT (ODS) 2020