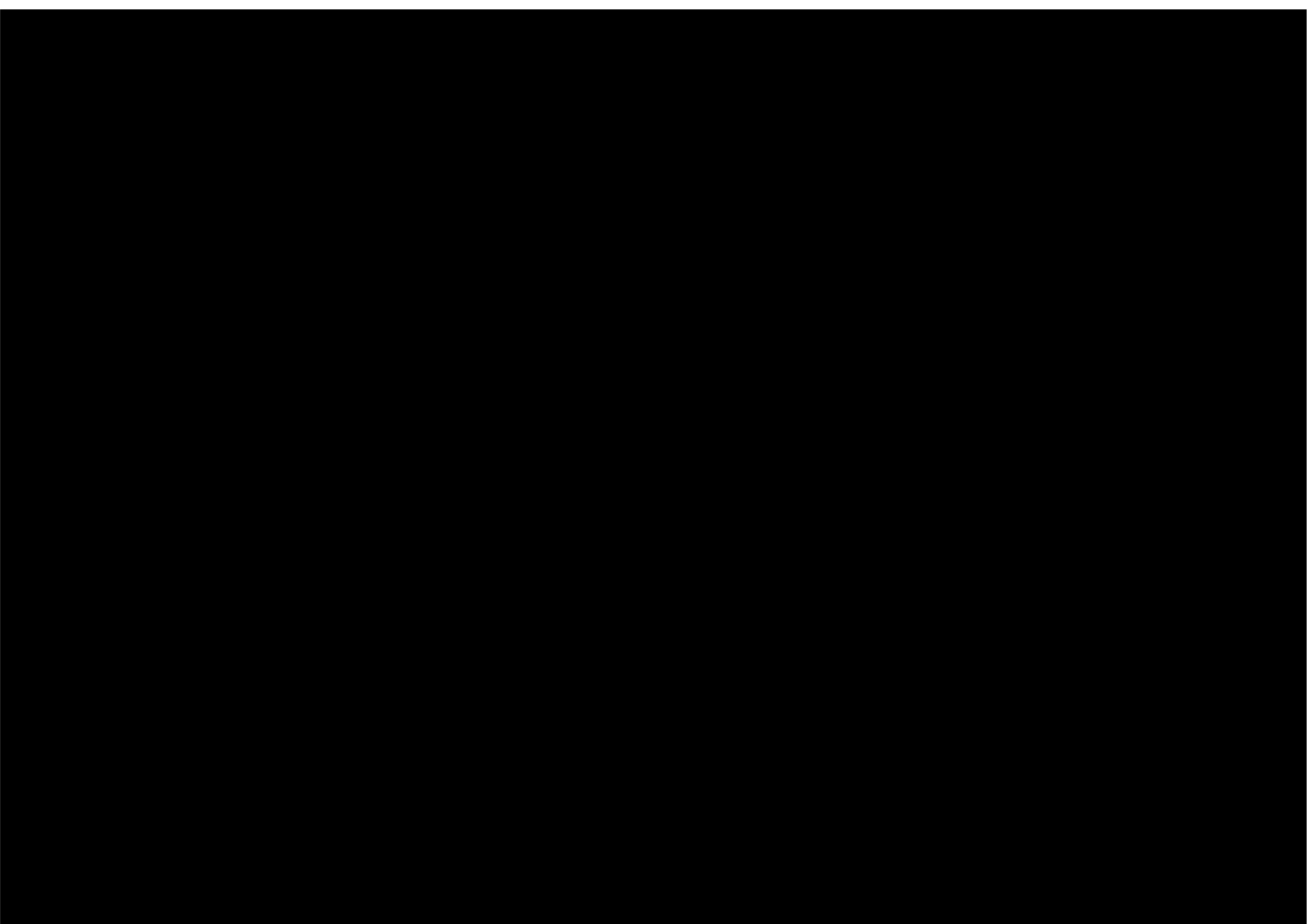




From: Sarah Burrow <Sarah.Burrow@arun.gov.uk>
Sent: 19 January 2022 13:11
To: Planning.Responses <Planning.Responses@arun.gov.uk>
Cc: Simon Davis <Simon.Davis@arun.gov.uk>; Paul Cann <Paul.Cann@arun.gov.uk>
Subject: RE: Planning Consultation on: BR/267/21/PL

Engineers Comments Regarding Surface Water Drainage

The site is located in Flood Zone 3, the FRA contains a sequential and exception test. These have not been assessed but should be considered by the Planning Officer. The EA should be consulted.

Infiltration has been discounted as an option for disposing of surface water yet it has not been investigated on site, no site specific groundwater monitoring has been supplied. Infiltration must be investigated for surface water disposal. It is advised that the applicant contacts this department as soon as possible to discuss and agree the level of site investigation that is required.

If soakaways are viable they will need to be located at least 5m from the basement. A hybrid solution, whereby some infiltration is allowed and there is an overflow to the watercourse or surface water sewer, will not be possible here.

It is proposed that ground on the site is raised by up to 900mm to raise finished floor levels and reduce risk of flooding to the properties. Ground raising is discouraged. If it is considered absolutely necessary, then due consideration must be given to the potential impacts on existing properties adjacent the development site, in terms of possible elevated groundwater levels and surface water run-off implications. The risk of surface water flooding at the perimeter of the site should also be considered in this instance, as well as the fluvial risk.

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:

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 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.”

PCENG D4

“Development shall not commence until full details of the maintenance and management of the surface water drainage system is set out in a site-specific maintenance manual and submitted to, and approved in writing, by the Local Planning Authority. The manual is to include details of financial management and arrangements for the replacement of major components at the end of the manufacturer's recommended design life. Upon completed construction of the surface water drainage system, the owner or management company shall strictly adhere to and implement the recommendations contained within the manual.”

Reason: To ensure that the proposed development is satisfactorily drained in accordance with policies W DM1, W DM2 and W DM3 of the Arun Local Plan. It is considered necessary for this to be a pre-commencement condition to ensure that the future maintenance and funding arrangements for the surface water disposal scheme are agreed before construction commences.

Kind regards

Sarah Burrow
Engineering Assistant, Engineering Services

T: 01903 737815



E: sarah.burrow@arun.gov.uk

Current working pattern: Monday-Wednesday 8am-2:30pm, Thursday 8am-5pm, Friday 8am-11:30am.

Arun District Council, Civic Centre, Maltravers Rd, Littlehampton, West Sussex, BN17 5LF
www.arun.gov.uk

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

Sent: 03 December 2021 08:04

To: Land Drainage <Land.Drainage@arun.gov.uk>

Subject: Planning Consultation on: BR/267/21/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: BR/267/21/PL

Registered: 26th November 2021

Site Address: Former Westside Supplies Unit West of 17 to 18 Durban Road Bognor Regis
PO22 9QT

Grid Reference: 493489 100907

Description of Works: Development of a new build four storey block of flats for 24 units (13 No 1 bed and 11 No 2 bed). This application 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 9th January 2022. 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://app.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

Amy Myer

Planning Officer- Arun District Council

Telephone: 01903 737776

Email: amy.myer@arun.gov.uk

PLCONSULT (GDB) 2020