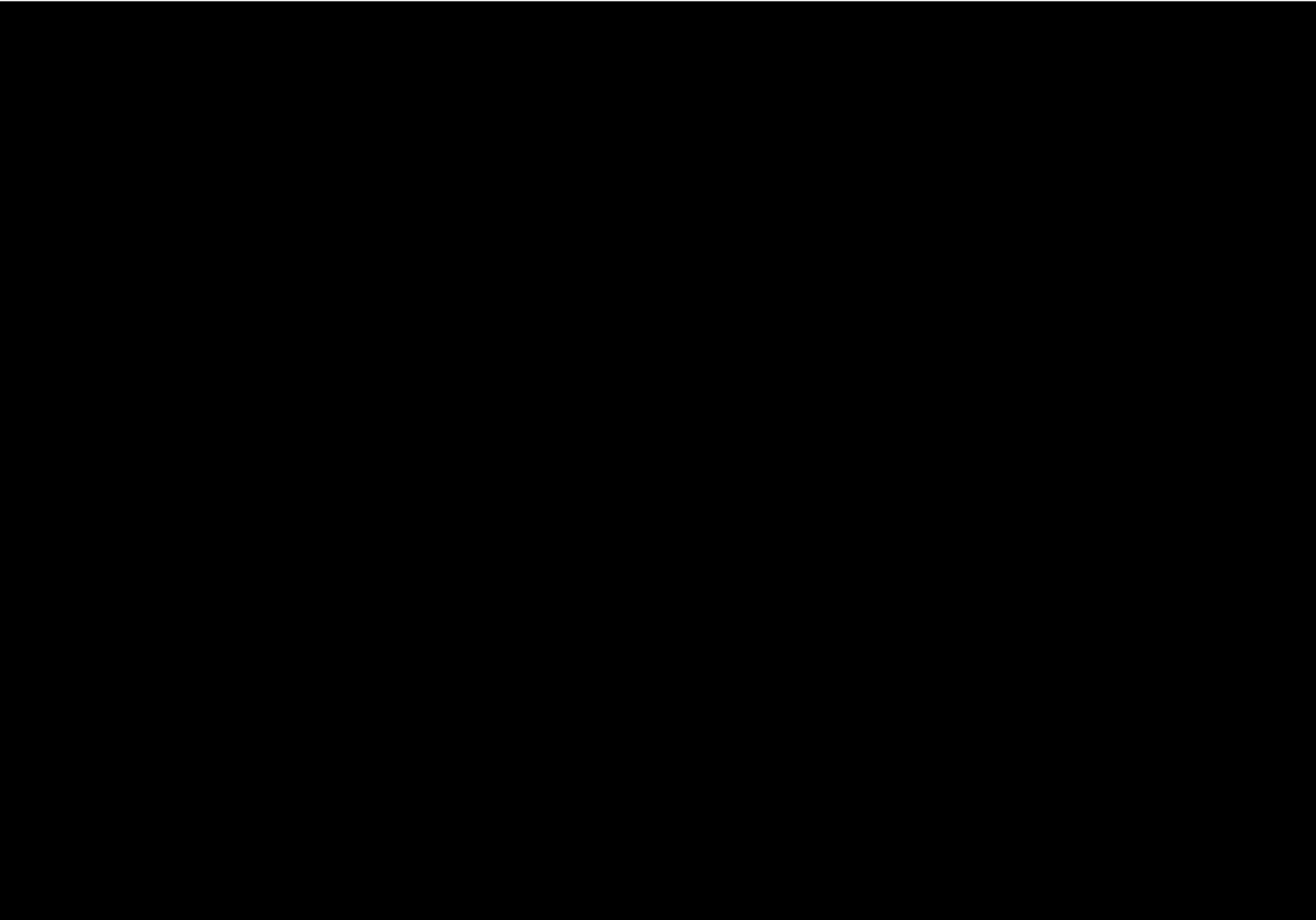




From: Sarah Burrow <Sarah.Burrow@arun.gov.uk>
Sent: 04 October 2021 09:41
To: Planning.Responses <Planning.Responses@arun.gov.uk>
Cc: Anita Gardner <Anita.Gardner@arun.gov.uk>
Subject: RE: Planning Consultation on: LU/251/21/PL

Engineers Comments Regarding Surface Water Drainage

The supplied Flood Risk Assessment [FRA] indicates that the intention is to discharge surface water directly into the River Arun as suggested by the Environment Agency [EA] for the neighbouring 47 River Road. The FRA acknowledges that an outlet to the river will become tide locked and storage will need to be provided for when this is the case, in addition drainage from the car park will pass through oil-trapped gullies prior to discharge.

It is worth noting that West Sussex County Council [WSCC] currently have an 'Over the Wall' drainage project, which investigates allowing roof water to be discharged directly over the defence wall in locations such as this. The applicant may wish to investigate and consider this approach further as it would reduce the storage requirement necessary, as the outlet would not be tidally locked and the water is still discharging to a tidal body. Of course, the applicant would still need to provide storage for the hard surface drainage as this would have to be drained through the wall and via the oil-trapped gullies.

Any proposals to provide new drainage features through the defence to the River Arun will need a Flood Risk Activity Permit from the EA.

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 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.”

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

Sent: 20 August 2021 11:50

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

Subject: Planning Consultation on: LU/251/21/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/251/21/PL

Registered: 17th August 2021

Site Address: 57 River Road Littlehampton BN17 5DD

Grid Reference: 502237 102261

Description of Works: Partial demolition of number 57 River Road, change of use & redevelopment to provide a flatted development comprising 6 No apartments, with private amenity space, parking & cycle storage. including the partial demolition of the adjacent boundary wall to provide a new pedestrian access & the creation of a floating pontoon with resident morning spaces (resubmission following LU/247/21/PL). This application 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 23rd 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://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

Mrs A Gardner

Planning Officer- Arun District Council

Telephone: 01903 737529

Email: Anita.Gardner@arun.gov.uk

PLCONSULT (CDB) 2020