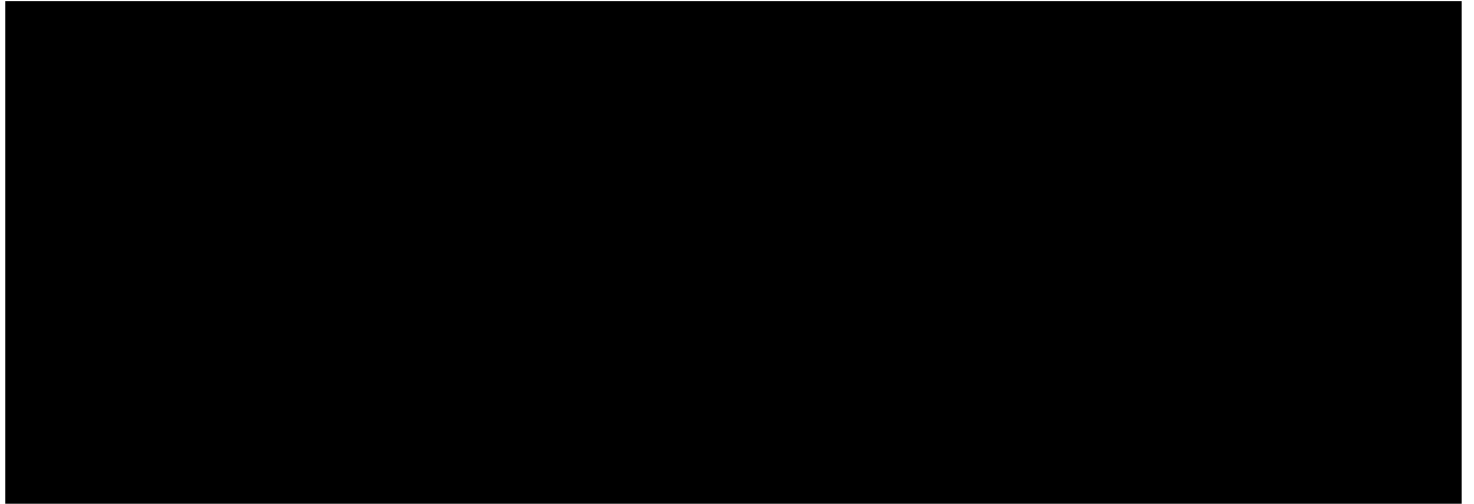




From: Laura Gibbons <Laura.Gibbons@arun.gov.uk>
Sent: 15 December 2020 15:37
To: Planning.Responses <Planning.Responses@arun.gov.uk>
Cc: Simon Davis <Simon.Davis@arun.gov.uk>
Subject: RE: Planning Consultation on: Y/141/20/DOC

Dear Simon,

We have the following comments regarding Condition 9- surface water drainage

We do not recommend discharge of condition 9 at this time.

1. The proposed discharge rate is high. Flow restriction to as close to Q1 year for all events up to and including the 1 in 100 year plus 40% climate change event is required to be compliant with policy requirements. We will need to see storage volume being maximised, potentially urbanised area reduced, and further evidence supplied of the discharge rate which is achievable.
2. A full review of calculations has not been completed due to point 1.
3. A buffer plan showing a 3m clear buffer from top of watercourses and proposed surface water drainage attenuation basins is required to demonstrate that these can be maintained.
4. Construction detail drawings are required (please see our checklist for further details). These should be site specific and include all drainage features. These construction detail drawings should include 2 perpendicular cross sections for each attenuation basin, cross sections of swales, etc.

5. Details of how houses, roadways and driveways connect to the surface water drainage system are required.
6. A surcharged outfall must be modelled, with water level set to top of bank of existing watercourse.
7. Confirmation of whether an urbanisation allowance has been applied to calculations is required. If an allowance has not been applied then this must be. Given the density of the site it is anticipated that this allowance should be 10%.
8. A cv of 1 or latest FEH data must be used in calculations.
9. An impermeable areas plan must be provided.
10. Groundwater monitoring results and a location plan must be supplied as part of the DOC application.
11. Hydrobrake unit references must be included on layouts and construction detail drawings.
12. Catchpits must be supplied upstream of all crates, ponds and permeable paving.
13. Details of how the proposed scheme delivers the required pollution mitigation indices must be supplied.

Further comments may follow once details regarding the above points are supplied.

We have the following comments regarding Condition 10- surface water drainage maintenance manual

We do not recommend discharge of condition 10 at this time.

Drainage design should be agreed prior to agreement of the maintenance manual.

We would also note that details of how maintenance will be funded should be included within this document, along with details of maintenance of flow control devices, gullies, pipework, and a clear plan showing the extent of riparian responsibility.

Further comments may follow once the drainage design has been agreed.

Kind regards,

Laura Gibbons

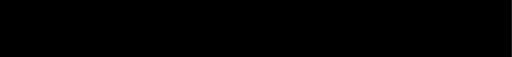
Drainage Engineer

Engineering Services

Please note that I work Tuesdays 08:00-16:00 for Arun only.



T: 01903 221374

E: laura.gibbons@arun.gov.uk 

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

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

Sent: 08 December 2020 10:34

To: Land Drainage [REDACTED]

Subject: Planning Consultation on: Y/141/20/DOC

To: **Engineers (Drainage)**

NOTIFICATION FROM ARUN DISTRICT COUNCIL

TOWN AND COUNTRY PLANNING ACT 1990

Application No: Y/141/20/DOC

Registered: 4th December 2020

Site Address: Land East of Drove Lane Yapton BN18 0EB

Description of Works: Approval of details reserved by condition imposed under Y/92/17/OUT relating to conditions 9-surface water drainage, 10-maintenance & management manual for surface water drainage, 12-foul drainage system & 27-levels.

The Council have received the above application to discharge conditions. I shall be pleased to receive any observations you may wish to make in respect of those conditions relating to your field of expertise.

[Click here to view the Discharge of Condition application](#)

[Click here to view conditions on original application - click on decision tab](#)

Should you wish to make any comments click on the link www.arun.gov.uk/planning and click into ?Enter Comment? or if this is not possible email your response to planning.responses@arun.gov.uk by **22nd December 2020**.

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.

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

Yours sincerely

Mr S Davis

Planning Case Officer- Arun District Council

Telephone: 01903 737874

Email: Simon.Davis@arun.gov.uk

PLCOND00 (008) 2020