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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: 11 November 2021 16:52

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: P/146/21/DOC

Engineers Comments Regarding Surface Water Drainage

This consultation is based upon the revised plans which I understand are now uploaded on the portal and has been provided in liaison with Paul Cann (Principal Drainage Engineer). The site investigations found that infiltration was not viable on the site and as a such an attenuation scheme has been designed. Discharge rates have been restricted to 2l/s as requested and calculations have been provided to evidence that all surface water for the 1 in 100 year (+40% climate change) event will be stored on site in the proposed pond before being discharged to the watercourse. The principle of the design is acceptable and the calculations to support the application require no amendment.

However there appear to be a few omissions or errors on the drawings that have been supplied. Please address the following points, after which I will be happy to recommend that the relevant condition is discharged.

1. Groundwater seepages are noted below 2mbgl in February, please provide any further groundwater monitoring that is available as seepage will not represent standing groundwater level.
2. On the Drainage Layout there is a 'Note the following' The second note relating to the Hydrobrake needs to be adjusted for the new Hydrobrake limiting flow to 2l/s.

3. Please add a note that all pipe junctions (not connected via manholes) need to utilise oblique junctions.
4. Please include the width of the base and the width of the top of the pond (in the absence of a site specific cross sectional drawing or a setting out drawing) on the drainage layout.

Construction Details:

5. Dependant upon the response to point 1 further detail may be required regarding the membrane for the pond (permeable/impermeable) and possible floatation mitigation.
6. Please provide the Althon Detail and Spec for the PCC Headwall Pond Outlet to flow control MH.
7. Please provide a site specific Hydrobrake detail. Please reference the Hydrobrake on the detail drawing and include the following:
 - a) Invert level and cover level.
 - b) Incoming and outgoing pipe diameters.
 - c) No dimensions should be 'tbc' – please clarify.

I will be happy to provide a second consultation under this application, please let me know revised deadlines for this when further information is supplied.

Kind regards

Sarah Burrow
Engineering Assistant, Engineering Services

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

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From: Planning.Responses <Planning.Responses@arun.gov.uk>
Sent: 19 October 2021 14:34
To: Land Drainage [REDACTED]
Subject: Planning Consultation on: P/146/21/DOC

To: **Engineers (Drainage)**

NOTIFICATION FROM ARUN DISTRICT COUNCIL

TOWN AND COUNTRY PLANNING ACT 1990

Application No: P/146/21/DOC

Registered: 18th October 2021
Site Address: Little Sefter Farm Pagham Road Pagham
Description of Works: Approval of details reserved by condition imposed under P/38/21/PL relating to conditions 2-surface water drainage scheme, 4-Landscape & Ecology Maintenance Plan & 5-landscape scheme.

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 **2nd November 2021**.

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

PLCONDCC (ODS) 2020