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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: 20 October 2021 14:33
To: Planning.Responses <Planning.Responses@arun.gov.uk>
Cc: Amy Myer <Amy.Myer@arun.gov.uk>
Subject: RE: Planning Consultation on: BN/126/21/DOC

Engineers Comments Regarding Surface Water Drainage

The applicant has undertaken groundwater monitoring and infiltration testing, provided calculations and a drainage layout and construction detail drawings. Groundwater was not noted to depth of 3mbgl from 12/3/2021 to 31/03/2021, infiltration testing commenced on 16/3/2021 and was done in accordance with BRE DG 365. A rate of 2×10^{-6} m/s was utilised for the design.

The calculations that have been provided illustrate only the invert level of the soakaway (8.8m) and the ground (cover) level (10m). I am concerned that they assume the depth of the soakaway to be 1.2m rather than the effective depth of 0.7m. Please can the applicant clarify these inputs so that I can be sure that the soakaway drawn is what is modelled.

The half drain time is over 24 hours please discuss what mitigation is offered to allow for subsequent storms.

The drainage layout shows preformed silt traps (Polypipe Ridgistorm Mini or equivalent), and yet the catchpit detail shows an alternative to a pre-formed silt trap. Please show the pre-formed silt trap on the construction detail or change Note 6 to be a bespoke silt trap as shown on the construction details. Please also include sump depths, cover types and cover levels on the drainage layout.

Please specify no fines in the granular fill of the soakaway.

I will be happy to provide one further consultation once the drawings have been updated and further information provided.

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: 28 September 2021 09:19

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

Subject: Planning Consultation on: BN/126/21/DOC

To: **Engineers (Drainage)**

NOTIFICATION FROM ARUN DISTRICT COUNCIL

TOWN AND COUNTRY PLANNING ACT 1990

Application No: BN/126/21/DOC

Registered: 27th September 2021

Site Address: Tile Barn Farm 32 Hill Lane Barnham PO22 0BL

Description of Works: Approval of details reserved by condition imposed under ref W/4001228 (BN/24/20/PL) relating to Condition Nos 3 - materials and finishes, 5 - noise, 6 - dustbin enclosure, 7 - renewable energy, 10 - covered & secure cycle parking, 11 - electric vehicle charging, 12 - surface water drainage and 13 - foul drainage.

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 **12th October 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

Amy Myer

Planning Case Officer- Arun District Council

Telephone: 01903 737776

Email: amy.myer@arun.gov.uk

PLCOUNDOC (CDE) 2020