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Save the environment - think before you print.

From: Sarah Burrow <Sarah.Burrow@arun.gov.uk>

Sent: 18 May 2020 13:38

To: Anita Gardner <Anita.Gardner@arun.gov.uk>; Daniel Vick <Daniel.Vick@arun.gov.uk>

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

Subject: RE: Planning Consultation on F/10/20/DOC

Hi Anita,

Engineers Comments Regarding Surface Water Drainage

Groundwater monitoring has been completed over the winter period with highest recorded level at 2.7mAOD (at least 2.3mbgl). Infiltration test results (in accordance with BRE365) from TP4 provide an acceptable infiltration rate of 5.54×10^{-5} , this was at a depth of 1.77mbgl.

1: As the soakaway acts as a blanket with an effective depth of 0.3m it is appropriate to use the base for the calculations. However, the soakaway invert level is at 0.8mbgl, this depth does not correspond with the infiltration test depth of 1.77mbgl. If the infiltration test results are to be used then the soakaway base should be at the same depth as the testing (noted that this was at the top of the chalk stratum with clay above). There are two options:

- a) Make the soakaway deeper to correspond with the existing tests. The deeper soakaway may have to utilise the sides only for the calculations, please contact us to agree this in advance of a further submission.
- b) Carry out winter infiltration tests at the depth of the proposed soakaway and use these to inform the design, utilising the base in the calculations.

2: The Drainage layout requires more detail. We would expect to see the following as a minimum:

- a) Cover levels, types and invert levels for all inspection chambers and silt trap.
- b) Pipe diameters, pipe types and gradients/falls.
- c) The exact dimensions of the proposed soakaway, the crates to be used noted on this drawing.

3: We expect to see construction detail drawings for all components including:

- a) Pipe bed and surround
- b) Inspection chambers and silt traps

c) Soakaway

Kind Regards

Sarah Burrow
Engineering Assistant

From: Planning.Responses <Planning.Responses@arun.gov.uk>
Sent: 20 April 2020 17:49
To: Land Drainage <Land.Drainage@arun.gov.uk>
Subject: Planning Consultation on F/10/20/DOC

To: Engineers (Drainage)

NOTIFICATION FROM ARUN DISTRICT COUNCIL

TOWN AND COUNTRY PLANNING ACT 1990

APPLICATION NO: F/10/20/DOC

Registered: 24-MAR-20

Site Address: South Yard B Wicks Farm Ford Lane Ford BN18 0DF

Description of Works: Approval of details reserved by condition imposed under ref F/5/19/PL relating to Condition No 5 - surface water 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 have any comments to make, these should be sent by replying to this email by 4th May 2020.

www.arun.gov.uk/planning

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.

The officer dealing with this application is Mrs A Gardner who can be contacted on telephone number 01903 737529.

Thanking you in anticipation

Planning Case Officer
Arun District Council

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