

From: Laura Gibbons
Sent: 04 May 2018 11:42
To: Planning.Responses
Subject: RE: Planning Consultation on R/85/18/DOC

I have reviewed the supplied documents and have the following comments:

1. Please re-do infiltration tests as a matter of urgency ensuring the base of test pits as at the proposed invert level of infiltration structures. The test results provided are for a pit dug 3m deep (below the maximum recorded ground water level of 2.26m below ground level) and into the chalk sub strata. Borehole logs show that the proposed base of infiltration structures will be in clay so we expect a far lower infiltration rate will be found, closer to the 5.6×10^{-6} stated in the 2015 flood risk assessment and drainage strategy supplied. Why has a different test been used? Was this original 2015 test giving 5.6×10^{-6} m/s not conducted in the winter?
2. The infiltration coefficient used in calcs for the sides of infiltration structures is wrong by a factor of 10. This will need revising anyway following new infiltration test results.
3. We will require microdrainage calculations for the proposed porous paving.
4. A catchment area plan will need to be provided, showing areas that drain into each proposed drainage structure. Microdrainage print outs should also detail areas used.
5. Please provide a drainage strategy plan drawing detailing:
 - o Permeable paving areas, with formation and finish levels.
 - o Soakaways, labelled with; areas, invert levels, invert levels of incoming pipes.
 - o Pipes, labelled with invert levels, slopes and diameters.
 - o Catchpits/ manholes/ inspection chambers clearly labelled with cover types and dimensions specified.
 - o Exceedance flow routes.
6. Construction detail drawings of all drainage structures, including; manholes, catchpits, inspection chambers, soakaways, permeable paving.

Regards,
Laura Gibbons, MEng, GMICE
Engineer (Drainage & Coastal)

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Save the environment - think before you print.

From: planning.responses@arun.gov.uk [<mailto:planning.responses@arun.gov.uk>]
Sent: 01 May 2018 14:04
To: Land Drainage
Subject: Planning Consultation on R/85/18/DOC

To: **Engineers (Drainage)**

NOTIFICATION FROM ARUN DISTRICT COUNCIL

TOWN AND COUNTRY PLANNING ACT 1990

APPLICATION NO: R/85/18/DOC

Registered: 27-APR-18
Site Address: Rustington Convalescent Home Sea Road RUSTINGTON
BN16 2LZ

Description of Works: Application for approval of details reserved by conditions 20 & 22 imposed on planning reference R/187/16/PL relating to surface water strategy

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 15th May 2018.

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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