

[REDACTED]

[REDACTED]

From: Laura Gibbons [REDACTED]
Sent: 16 October 2020 15:42
To: Planning.Responses <Planning.Responses@arun.gov.uk>
Cc: Raymond Cole <Raymond.Cole@arun.gov.uk>
Subject: WA/48/19/RES- surface water drainage comments

Dear Ray,

Thank you for reconsulting us on this reserved matters application. The site is in an area susceptible to dissolution features, and there are no ditches or surface water sewers to dispose water to. Surface water drainage has to therefore be very carefully considered.

There are a few errors with the information provided and it remains to be demonstrated if there is sufficient space for surface water drainage within the proposed layout.

We would like to place a holding objection at this time. It is essential to establish if there is adequate space for surface water drainage prior to agreement of site layout. Drainage should be a fundamental consideration in design. Failure to secure a robustly evidenced implementable drainage strategy at this stage will likely unduly prejudice the drainage design and result in proposals failing to meet policy requirements.

Our specific points of concern are:

1. The latest plans provided by the applicant show an infiltration basin in the south west corner of the site. The calculations supplied in support of this show that the maximum anticipated water depth is greater than the pond depth, 300mm of freeboard is also required. Please can the applicant supply revised details.
2. The infiltration crates for area 5 only have 200mm of cover over the top, please can the applicant review the design or provide evidence that such shallow cover depths are in accordance with the manufacturers requirements.
3. The infiltration trench in area 10 is shown as being 4.5m wide in calculations, but is 1m wide on plan. Please can the applicant demonstrate whether the required soakaway size can be accommodated here.

Kind regards,

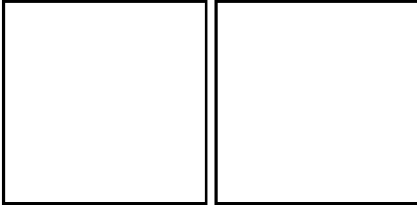
Laura Gibbons

Engineer, Adur & Worthing Councils



Website: www.adur-worthing.gov.uk

Address: Facilities & Technical Services, Worthing Town Hall, Chapel Road, Worthing, West Sussex, BN11 1HA



This email and any attachments are confidential and intended solely for the persons addressed. If it has come to you in error please send it back to us, and immediately and permanently delete it. Do not use, copy or disclose the information contained in this message or in any attachment. Whilst every care has been taken to check this e-mail for viruses, it is your responsibility to carry out checks upon receipt.