From: planning@adur-worthing.gov.uk
Sent: 07 February 2022 09:17
To: planning@adur-worthing.gov.uk
Subject: Consultee Comments for Planning Application AWDM/2126/21

Flag Status: Flagged

Consultee comments

Dear Sir/Madam,

A consultee has commented on a Planning Application. A summary of the comments is provided below.

Comments were submitted at 07/02/2022 9:17 AM from Ms Laura Gibbons (laura.gibbons@adur-worthing.gov.uk) on behalf of Technical Services.

Application Summary

Reference:	AWDM/2126/21
Address:	36 Barfield Park Lancing West Sussex BN15 9DG
Proposal:	Construction of two dwellings along with provision of landscaping and a vehicle crossover on to Mash Barn Lane. Demolition of garage and provision of 2 parking spaces to 36 Barfield Park. (36 and 37)
Case Officer:	Gary Peck

Click for further information

Comments Details

Comments:	Dear Gary, Thank you for re-consulting us. We have the following further comments on surface water drainage. A revised flood risk assessment has been submitted, with winter infiltration testing results presented, along with a revised surface water drainage strategy. We note that winter infiltration testing was completed once only at each test pit location- with a rate extrapolated. Three repeat tests were not completed. We would request that a sensitivity test with a higher factor of safety (FoS=3) applied to calculations is completed to account for this deviation from requirements in this instance. We await the results of winter groundwater monitoring. If you are minded to determine this application prior to a further revised flood risk assessment being submitted please ensure that the following condition is applied to secure drainage details: “Development shall not commence, other than works of site survey and investigation, until full details of the proposed surface water drainage scheme

have been submitted to and approved in writing by the Local Planning Authority. The design should follow the hierarchy of preference for different types of surface water drainage disposal systems as set out in Approved Document H of the Building Regulations, and the recommendations of the SuDS Manual produced by CIRIA. Winter groundwater monitoring to establish highest annual ground water levels and winter infiltration testing to BRE DG365, or similar approved, will be required to support the design of any Infiltration drainage. No building / No part of the extended building shall be occupied until the complete surface water drainage system serving the property has been implemented in accordance with the agreed details and the details so agreed shall be maintained in good working order in perpetuity."

and the accompanying informative:
"Infiltration rates for soakage structures are to be based on percolation tests undertaken in the winter period and at the location and depth of the proposed structures. The percolation tests must be carried out in accordance with BRE DG365, CIRIA R156 or a similar approved method and cater for the 1 in 10 year storm between the invert of the entry pipe to the soakaway, and the base of the structure. It must also have provision to ensure that there is capacity in the system to contain below ground level the 1 in 100 year event plus 40% on stored volumes, as an allowance for climate change. Adequate freeboard must be provided between the base of the soakaway structure and the highest recorded annual groundwater level identified in that location. Any SuDS or soakaway design must include adequate groundwater monitoring data to determine the highest winter groundwater table in support of the design. The applicant is advised to discuss the extent of groundwater monitoring with the Council's Engineers. Further detail regarding our requirements are available on the following webpage https://www.adur-worthing.gov.uk/planning/applications/submit-fees-forms. A surface water drainage checklist is available on this webpage. This clearly sets out our requirements for avoiding pre-commencement conditions, or to discharge conditions"

Kind regards,

Laura Gibbons

Kind regards