



Hampshire County Council

*Economy, Transport and Environment Department
Elizabeth II Court West, The Castle
Winchester, Hampshire SO23 8UD*

Tel: 0300 555 1375 (General Enquiries)
0300 555 1388 (Roads and Transport)
0300 555 1389 (Recycling Waste & Planning)
Textphone 0300 555 1390
Fax 01962 847055
www.hants.gov.uk

<i>Enquiries to</i>	FWM Team	<i>My reference</i>	SWM/2016/0301
<i>Direct Line</i>	01962 846730	<i>Your reference</i>	APP/16/00464
<i>Date</i>	27 May 2016	<i>Email</i>	SWM.consultee@hants.gov.uk

Dear Sir/Madam,

Construction of 51 dwellings comprising 20 houses and 31 flats with associated landscaping, car parking, bin and cycle storage. at Land at the rear of 2-56, Blendworth Crescent, Havant

Thank you for consulting us on the above planning application. Hampshire County Council as Lead Local Flood Authority has provided comments in relation to the above application as our statutory consultee role in relation to:

- Surface water drainage for major developments

Surface Water Drainage

We have reviewed the following information in relation to the planning application:

- Flood Risk Assessment
- Drainage Strategy

We require further information/clarification on the proposals in order to provide a response as the information provided in the above documents is insufficient. This includes:

- Evidence that the applicant understands the sensitivity of any of the discharge points in relation to the sensitivity of the receptor.
- Evidence that the proposed drainage should follow the same pattern as the existing, so as to not direct more flow to another location.

*Director of Economy, Transport and Environment
Stuart Jarvis BSc DipTP FCIHT MRTPI*

- Sufficient information on the correct number of treatment stages in the surface water management train, for further information see the Ciria SuDS Manual (C753)
- Evidence is required to justify why infiltration or other SuDS systems have not been used. Infiltration tests should be completed according to the BRE 365 method to demonstrate whether infiltration is suitable.
- Existing and proposed run-off rate calculations should be provided, along with evidence that these calculations have been completed according to a suitable method
- Existing and proposed run-off volume calculations should be provided for a one in one hundred year, 6 hour rainfall event, along with evidence that these calculations have been completed according to a suitable method.
- Evidence that sufficient storage/attenuation has been provided on site to accommodate the 1 in 100 year plus climate change without increasing the runoff rate or volume off site. Please see the latest guidance and transitional arrangements for taking the climate change factor into account for Hampshire.
- Evidence that exceedance flows and runoff in excess of design criteria have been considered - calculations and plans should be provided to show where above ground flooding might occur and where this would pool and flow.
- Information on general maintenance regimes of the surface water management train including SuDS features, and who is going to be undertaking it – evidence that those maintaining the drainage system are in discussion with the developer.

Overall, we have to say that we are very disappointed with the quality of the Flood Risk Assessment which doesn't satisfy any of our requirements as LLFA that are listed on our website:

<http://www3.hants.gov.uk/flooding/hampshireflooding/drainagesystems/planning-application-guidance.htm>

Where the proposals are connecting to an existing drainage system it is likely that the authorities responsible for maintaining those systems will have their own design requirements. These requirements will need to be reviewed and agreed as part of any surface water drainage scheme.

Please note that the mechanism for securing long-term maintenance will need to be considered and agreed between the applicant and the Local Planning Authority. This may involve discussions with those adopting and/or

maintaining the proposed systems, which could include the Highway Authority, Planning Authority, Parish Councils, Water Companies and private management companies.

This response has been provided using the best knowledge and information submitted as part of the planning application at the time of responding and is reliant on the accuracy of that information.

Kind Regards

The Flood and Water Management Team
EII Court West, 1st Floor
Winchester
Hampshire
SO23 8UJ

T: 01962 846730

E: swm.consultee@hants.gov.uk