



*Economy, Transport and Environment Department
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<i>Date</i>	7 December 2020	<i>Email</i>	swm.consultee@hants.gov.uk

Dear Sir/Madam,

Erection of 50 new dwellings together with access, landscaping and open space (Revised Scheme). at Land south of, Lower Road, Havant

Hampshire County Council as Lead Local Flood Authority has provided comments in relation to the above application in our role as statutory consultee on surface water drainage for major developments.

In order to assist applicants in providing the correct information to their Local Planning Authority for planning permission, Hampshire County Council has set out the information it requires to provide a substantive response at <https://www.hants.gov.uk/landplanningandenvironment/environment/flooding/planning>

The County Council has reviewed the following documents relating to the above application:

- *Flood Risk Assessment and Development Drainage Strategy By MJA Consulting Civil and Structural Engineers dated Nov 2020*
- *Drainage Strategy Plan – dwg no. 5992:P01 Rev I By MJA Consulting Civil and Structural Engineers dated Nov 2020*
- *Hydraulic Calculations by MJA Consulting Civil and Structural Engineers dated Nov 2020*
- *Maintenance and Management Document by MJA Consulting Civil and Structural Engineers dated Nov 2020*

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

In order for us to provide a substantive response, the following information is required:

- **Where infiltration is used for drainage**, evidence that **a suitable number of infiltration tests** have been completed. These need to be across the whole site; within different geologies and to a similar depth to the proposed infiltration devices. Tests must be completed according to the BRE 365 method or another recognised method including British Standard BS 5930: 2015
- The hydraulic calculations and Drainage statement refer to a deep bore soakaway to a depth of 16m being used downstream of the basin to assist with infiltrating into ground. The surface water strategy plans show a 2.1m dia ring soakaway at 4m depth. **Confirmation of the infiltration structure is required.**
- Hydraulic modelling of entire surface water network including pipe network and SuDs features evidencing that **enough storage/attenuation** has been provided without increasing the runoff rate or volume. This must be shown for a 1 in 100 year plus climate change event
- Exceedance flows are considered in the event of the pipe being non-operational. 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.
- Evidence that **Urban Creep** has been considered in the application and that a **10% increase** in impermeable area has been used in calculations to account for this.

We require this further information before we can make a decision on whether to recommend to the Local Planning Authority that planning permission is granted.

As a statutory consultee, the County Council has a duty to respond to consultations within **21 days**. The 21 day period will not begin until we have received sufficient information to enable us to provide a meaningful response.

Please ensure all data is sent to us via the relevant Local Planning Authority.

For guidance on providing the correct information, we recommend you use our **Surface Water Management Pre-application service** which provides clear guidance on what is required for us to recommend that planning permission is granted and consider the works as best practise. For full details, please visit: <https://www.hants.gov.uk/landplanningandenvironment/environment/flooding/planning> and click on [pre-application advice request form](#).

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.

Yours faithfully,

A handwritten signature in black ink, appearing to be 'PP' followed by a stylized name.

Flood and Water Management Team
Economy, Transport & Environment Department,
Hampshire County Council, 1st Floor, Ell Court West,
The Castle, Winchester, Hampshire SO23 8UD
Web: <http://www3.hants.gov.uk/flooding/watercourses.htm>

General guidance for the application

It is important to ensure that the long-term maintenance and responsibility for Sustainable Drainage Systems is agreed between the Local Planning Authority and the applicant before planning permission is granted. This should 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.

For SuDS systems to be adopted by Hampshire Highways it is recommended that you visit the website at:

<https://www.hants.gov.uk/transport/developers/constructionstandards> for guidance on which drainage features would be suitable for adoption.

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.

Works in relation to ordinary watercourses

PLEASE NOTE: *If the proposals include works to an ordinary watercourse, under the Land Drainage Act 1991, as amended by the Flood and Water Management Act 2010, prior consent from the Lead Local Flood Authority is required. **This consent is required as a separate permission to planning.***

Information on ordinary watercourse consenting can be found at the following link <http://www3.hants.gov.uk/flooding/hampshireflooding/watercourses.htm>

It is strongly recommended that this information is reviewed before Land Drainage consent application is made.

*For guidance on providing the correct information, we recommend you use our **Ordinary Watercourse Consents Pre-application service** and help avoid delays occurring at the formal application stage. A Pre-application service for Ordinary Watercourse Consents is available, allowing consents to go through in a smoother, often more timely manner. For full information please visit:*

<https://www.hants.gov.uk/landplanningandenvironment/environment/flooding/WatercoursePreApplication>