

**Atkins Limited**

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Planning and Development Services

Arun Civic Centre
Maltravers Road
Littlehampton
West Sussex
BN17 5LF

Your Ref

BN/6/10/

Our Ref

S/AR/2010/6

Date

01/04/2010

Dear Sir

Outline application with some matters reserved for 36 no. houses. (This application is a departure from the development plan)

The Lillies Holiday Park Yapton Road Barnham Bogner Regis West Sussex PO22

0AY

BN/6/10/

Thank you for your letter of 02/03/2010

Please find attached a plan of the sewer records showing the approximate position of a 225mm foul sewer and a critical 300mm foul water rising main that cross the proposed site. The exact position of the public sewers must be determined on site by the applicant before the layout of the proposed development is finalised. Please note:

No development or new tree planting should be located within 3 metres either side of the centreline of the public sewers and all existing infrastructure should be protected during the course of construction works.

In order to protect drainage apparatus, Southern Water requests that if consent is granted, a condition is attached to the planning permission. For example "The developer must advise the local authority (in consultation with Southern Water) of the measures which will be undertaken to protect the public sewers, prior to the commencement of the development."

Following initial investigations, there is currently inadequate capacity in the local network to provide foul sewage disposal to service the proposed development. The proposed development would increase flows to the public sewerage system, and existing properties and land may be subject to a greater risk of flooding as a result. Additional off-site sewers, or improvements to existing sewers, will be required to provide sufficient capacity to service the development. Section 98 of the Water Industry Act 1991 provides a legal mechanism through which the appropriate infrastructure can be requested (by the developer) and provided to drain to a specific location.

Should this application receive planning approval, please include, as an informative to the permission, the following requirement:

"The applicant/developer should enter into a formal agreement with Southern Water to provide the necessary sewerage infrastructure required to service this development. Please contact Atkins Ltd, Anglo St James House, 39A Southgate Street, Winchester, SO23 9EH (tel 01962 858688), or www.southernwater.co.uk"

The planning application form makes reference to drainage using Sustainable Urban Drainage Systems (SUDS).

SUDS systems usually have a significant land take and it is not clear how the SUDS facilities can be accommodated within the proposed layout. Before the proposed layout is approved, we advise that the applicant/developer give consideration to ensure that the proposed means of surface water disposal can be accommodated within the proposed layout.

Under current legislation and guidance SUDS rely upon facilities which are not adoptable by sewerage undertakers. Therefore, the applicant will need to ensure that arrangements exist for the long term maintenance of the SUDS facilities. It is critical that the effectiveness of these systems is maintained in perpetuity. Good management will avoid flooding from the proposed surface water system, which may result in the inundation of the foul sewerage system. Thus, where a SUDS scheme is to be implemented, the drainage details submitted to the Local Planning Authority should:

- Specify the responsibilities of each party for the implementation of the SUDS scheme
- Specify a timetable for implementation

Provide a management and maintenance plan for the lifetime of the development. This should include the arrangements for adoption by any public authority or statutory undertaker and any other arrangements to secure the operation of the scheme throughout its lifetime. We request that should this application receive planning approval, the following condition is attached to the consent: "Construction of the development shall not commence until details of the proposed means of foul and surface water sewerage disposal have been submitted to, and approved in writing by, the Local Planning Authority in consultation with Southern Water."

Yours faithfully



Network Development
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