

From: Laura Gibbons
Sent: 01 October 2018 09:39
To: Planning.Responses
Cc: Anita Gardner
Subject: RE: Planning Consultation on: M/101/18/PL

Engineers Comments Regarding Surface Water Drainage

The proposed development is within the Lidsey Catchment where significant historical flooding from the foul sewer system has occurred. This has been due to groundwater entering into the sewer network and direct surface water connections inundating the foul network. It is therefore of the utmost importance to ensure the correct design of all new surface water drainage systems within the Lidsey Catchment.

The application proposes to use soakaways for surface water disposal. Foul water is to be disposed of by connection to the existing network, it is unclear if this will be the utilisation of the existing connection, or a new connection. If the proposals are for a new connection Southern Water will need to be consulted and the relevant consents sought.

Please apply ENGD2B.

Soakaways must be investigated for surface water disposal.

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 365, 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. Supplementary guidance notes are also enclosed for information.

Regards,

Laura Gibbons, MEng, GMICE
Engineer (Drainage & Coastal)

Laura Gibbons | Engineer (Drainage & Coastal), Engineering Services, Arun District Council | Location: First Floor, Arun Civic Centre,
Maltravers Road, Littlehampton, BN17 5LF

Internal: 37818 | External: +44 (0) 1903 737818 | Fax: +44 (0) 1903 716018 | E-mail: laura.gibbons@arun.gov.uk

Arun is Working in Partnership with Chichester District Council

Visit Arun's web site at <http://www.arun.gov.uk/> and www.chichester.gov.uk



Save the environment - think before you print.

Sent: 11 September 2018 09:49
To: Land Drainage
Subject: Planning Consultation on: M/101/18/PL

To: **Engineers (Drainage)**

NOTIFICATION FROM ARUN DISTRICT COUNCIL
Town & Country Planning Act 1990 (as amended)
Town and Country Planning (Development Management Procedure) (England) Order 2015

Planning Permission

APPLICATION **M/101/18/PL**
NO:

Registered: 3rd August
 2018

Site Address: 134 Elmer Road Middleton on Sea PO22 6HZ

Grid Reference: 98345 00005

Description of Works: Demolition of existing dwelling & erection 1 No. holiday home.

The Council have received the above application. I shall be pleased to receive any observations you may wish to make.

[Click here to view the application details](#)

Should you have any comments to make, these should be sent by replying to this email by 11-OCT-18.

You can also monitor the progress of this application through the Council web site:
www.arun.gov.uk/planning

Please be aware that any comments you may make will be available on our website so please do not insert personal details or signatures on your reply.

In the absence of a reply within the period stated, I shall assume that you have no observations to make.

The application will be determined having regard to the development plan policies (if any are relevant) and other material considerations. The development plan can be accessed via the website as can the leaflet which deals with material planning considerations.

Should the application go to appeal the Planning Inspectorate will publish any comments made to the Council on their website:
www.planningportal.gov.uk/planning/appeals/ but they will protect personal details.

The officer dealing with this application is Mrs A Gardner who can be contacted on telephone number 01903 737529.

Regards
Planning Officer

consultee_email
