

From: Laura Gibbons
Sent: 10 September 2018 13:36
To: Anita Gardner
Subject: RE: R/143/18/PL

Sorry Anita, it was R/134/18/PL
Regards,

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

Laura Gibbons | Engineer (Drainage & Coastal), Engineering Services, Arun District Council | Location: First Floor, Arun Civic Centre,
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From: Anita Gardner
Sent: 30 August 2018 14:22
To: Laura Gibbons
Subject: RE: R/143/18/PL

Laura,
I can't find an application with this reference
Regards

Anita

Anita Gardner | Principal Planner, Directorate of Place, Arun District Council | Location: First Floor, Arun Civic Centre, Maltravers Road, Littlehampton, BN17 5LF

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From: Laura Gibbons
Sent: 30 August 2018 13:33
To: Juan Baeza; Anita Gardner
Subject: R/143/18/PL

Juan/ Anita,

I have had a look through all of the representations, and southern waters consultation response regarding this. Based on this, I would like to make the following comments regarding this application. As the proposed development is outside of the Lidsey catchment and is only for 1 property we do not usually put a condition on this, I have therefore provided an informative response. However, if you believe it would be of benefit to condition the drainage then ENGD2B would be applicable.

Engineers Comments Regarding Surface Water Drainage

Soakaways must be investigated for surface water disposal. The hierarchy for sustainable drainage should be followed. Southern water have objected to the proposed surface water connection into the foul.

Infiltration rates for soakage structures should 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. Design should include provision to ensure that there is capacity in the system to contain below ground level the 1 in 30 year event, in line with building regulation requirements. Adequate freeboard must be provided between the base of the soakaway structure and the highest recorded annual groundwater level identified in that location.

It should also be noted that there is limited room for a soakaway to be located, therefore design of this should be prioritised.

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

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