

[REDACTED]

From: Laura Gibbons
Sent: 19 April 2018 09:38
To: 'Raymond Cole'
Cc: Simon Davis
Subject: RE: Land at Kings Close, Yapton - Y/21/18/DOC

Ray,

Thank you for providing confirmation of the proposed ground levels.

The reason I asked for them is that I had observed some concerning details with the proposed drainage arrangement, as follows:

1. SA-A has a maximum calculated water depth of 1.13m. However, on the general arrangement drawings the inverts are set too high for this. I.e. the soakaways are only 0.93m deep in some locations, and that is disregarding cover depth. At all locations the soakaways are too shallow. Please re-evaluate design.
2. SA-B has a maximum calculated water depth of 1.04m. However, plan depths (disregarding cover) are as shallow as 0.51m in some locations. At all locations the soakaways are too shallow. Please re-evaluate design.
3. SA-C has a maximum calculated water depth of 1.12m. However, plan depths (disregarding cover) is 0.59m. Please re-evaluate design.
4. As Cv is not set to 1, I would also like to see a higher safety factor used in calculations, i.e. 2 rather than 1.5. To bring the design in line with CIRIA R156/CIRIA C609.
5. Please provide construction details for soakaways, manholes and silt traps.

Regards,

Laura Gibbons

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

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From: Raymond Cole [REDACTED]
Sent: 18 April 2018 11:58

To: Simon Davis
Cc: Laura Gibbons
Subject: Re: Land at Kings Close, Yapton - Y/21/18/DOC

Dear Simon

Thank you for forwarding a copy of the drainage engineer's comments.

The proposed ground levels are clearly marked on the submitted drawing numbered 101 Rev. P2 (copy attached).

With kind regards

Ray

Raymond Cole BA(Hons) BTP PGDip MRTPI - *Senior Planner*

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On 18 April 2018 at 10:01, Simon Davis <Simon.Davis@arun.gov.uk> wrote:

Dear Ray,

Please see attached comment from our Engineers. I hadn't retained the plan you asked me about before.

Kind Regards

Simon J Davis MRTPI | Principal Planning Officer, Planning Department, Directorate of Place, Arun District Council |

Location: Planning, First Floor, Arun Civic Centre, Maltravers Road, Littlehampton, BN17 5LF
Internal: 37874 | External: +44 (0) 1903 737874 | E-mail: simon.davis@arun.gov.uk

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