

[REDACTED]

From: Laura Gibbons <Laura.Gibbons@arun.gov.uk>
Sent: 02 August 2019 09:24
To: Simon Davis <Simon.Davis@arun.gov.uk>
Subject: FW: Cinders Nursery, Yapton: Surface Water Drainage

Simon,

I believe that sufficient information has been submitted to demonstrate:

1. that the revised proposals provide 3m easement to watercourses to facilitate future maintenance
2. that proposals will restore a point of discharge for the watercourse
3. and the layout provides adequate space to drain the site and not increase flood risk.

I am therefore, happy to remove my objection to Y/4/19/RES. Further detail will need to be submitted to discharge conditions 13, 14, 15, 16 and 17 as there are some details which need to be further refined and a couple of issues to be resolved.

[REDACTED]

Kind Regards,

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

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Save the environment - think before you print.

From: kazys [REDACTED]
Sent: 30 July 2019 13:19

To: Laura Gibbons <Laura.Gibbons@arun.gov.uk>

Subject: Cinders Nursery, Yapton: Surface Water Drainage

Laura

Further to our recent meeting and our subsequent discussions regarding the surface water drainage proposals for the above scheme I think I've put together a design for the access track that satisfies your requirements.

Based on the measured infiltration results along the track, previously submitted, your acceptance that the base of the proposed soakaway system can be included in the calculations and the requirement to keep the soakaways at a depth no greater than 1.0m I have produced a scheme, the details of which are being sent by WeTransfer but the calculations are attached. The Aquacell units specified are 400mm deep giving a total depth of 800mm below the footway construction, with the elevation of the footway I feel that your requirement has been met. We did mention the idea of introducing areas of permeable paving along the track but as I mentioned to you there is opposition from the statutory authorities regarding laying their services through such construction. I think my design overcomes the need for this although we have indicated a small section of permeable paving at the entrance, I'm hoping that this will not raise too much opposition.

I have undertaken calculations for each of the proposed soakaways serving Plots 1-11, I have also incorporated a 10% factor for 'urban creep'. MicroDrainage calculations have been included here with the engineering drawings being sent to you by WeTransfer.

For completeness I have included all my MicroDrainage calculations, although some have been previously submitted.

I trust the information and details supplied will enable you to advise your Planning colleague that the drainage proposals meet with your approval and no objection should be raised.

Please contact me should you wish to discuss any aspects or require a meeting to discuss any of the proposals.

Many thanks

Regards

Kazys

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