

Lynnyrd Wolfe

From: Zac Denton
Sent: 26 July 2019 08:28
To: Lynnyrd Wolfe
Subject: FW: Mistletoe Farm, Horsemere Green Lane. CM/13/19/RES; Revised Drainage Proposals
Attachments: ES1820-602-04 C Drainage Strategy with Ditch.pdf

SUPPLEMENTARY PLAN

'Drainage Strategy (with Ditch) – Revision C – 25/07/2019'

Thanks!

Please note this information is given without prejudice and represents the informal view of the officer and not an official opinion of Arun District Council.

From: [REDACTED]
Sent: 25 July 2019 13:05
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: Mistletoe Farm, Horsemere Green Lane. CM/13/19/RES; Revised Drainage Proposals

Laura

Thank you for your e-mail and comments.

I have produced an amended strategy (taken a little longer than originally anticipated) which hopefully will meet with your approval and satisfies your tree officers requirements.

As I advised we are keen to get this one agreed today so your help and cooperation will be greatly appreciated. Many thanks.

Regards

Kazys

Kazys Narbutas

ESCHER · SILVERMAN
Civil & Structural Consulting Engineers

Roughton
A2 Omega Park
Electron Way
Chandlers Ford
Hampshire
SO53 4SE

VISIT OUR NEW WEBSITE
www.eschersilverman.com

NOTICE:

This message contains confidential information and is intended solely for the use of the named recipient(s). If you are not the intended recipient you should not disseminate, distribute or copy this e-mail. If you are not the intended recipient please notify the sender immediately and delete this e-mail and any copies from your system. Whilst every effort is made to safeguard e-mails Escher Silverman cannot guarantee that this e-mail or attachments are virus free and does not accept liability for any virus. Any views expressed in this email are those of the individual sender, except where the email states otherwise, and do not necessarily represent the views of Escher Silverman.

From: Laura Gibbons [REDACTED]
Sent: 24 July 2019 12:40
To: kazys [REDACTED]
Cc: Edwa [REDACTED]
Subject: RE: Mistletoe Farm, Horsemere Green Lane. CM/13/19/RES; Revised Drainage Proposals

Hi Kazys,

I have now received feedback from our tree officer, to quote his summary "I find the proposed location for the swale to be wholly unacceptable and would expect the applicant/agent to provide an alternative scheme that meets with your requirements and fully respects T38 – T41 incl. or consider an alternative site layout." His full response is attached.

I wonder if the swale could be located outside of the RPAs. Could you look at extending the permeable paving further north and forming the outlet to the swale here, and maybe sweeping round to the downstream pipe connection?

Kind Regards,

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

From: kazys [REDACTED]
Sent: 22 July 2019 16:03
To: Laura Gibbons [REDACTED]
Cc: Edward Rees [REDACTED]
Subject: RE: Mistletoe Farm, Horsemere Green Lane. CM/13/19/RES; Revised Drainage Proposals

Laura

Thank you for your comments. I was under a misapprehension regarding the RPZ so having cleared that I have put together a revised proposal which addresses your comments on the RPZ. Hopefully you find this revised proposal accords with your thoughts and you are able to advise your planning colleague that we have reached a drainage solution.

As always, if you have any further concerns please contact me.
Many thanks.

Regards

Kazys

Kazys Narbutas

ESCHER · SILVERMAN
Civil & Structural Consulting Engineers

Roughton
A2 Omega Park
Electron Way
Chandlers Ford
Hampshire
SO53 4SE

VISIT OUR NEW WEBSITE
www.eschersilverman.com

NOTICE:

This message contains confidential information and is intended solely for the use of the named recipient(s). If you are not the intended recipient you should not disseminate, distribute or copy this e-mail. If you are not the intended recipient please notify the sender immediately and delete this e-mail and any copies from your system. Whilst every effort is made to safeguard e-mails Escher Silverman cannot guarantee that this e-mail or attachments are virus free and does not accept liability for any virus. Any views expressed in this email are those of the individual sender, except where the email states otherwise, and do not necessarily represent the views of Escher Silverman.

From: Laura Gibbons [REDACTED]
Sent: 22 July 2019 12:21
To: kazys [REDACTED]
Cc: Edward [REDACTED]
Subject: RE: Mistletoe Farm, Horsemere Green Lane. CM/13/19/RES; Revised Drainage Proposals

Kazys,

Thank you for sending over the revised plan. I believe there is some conflict between what you are proposing and the tree protection plan (attached).

The permeable paving for plot 2 looks like it could only be located in the T furthest round on the road rather than at the junction of roads 1 and 2. The swale also appears to be within a no dig area.

Thanks,

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

[REDACTED]

visit ARUN'S web site at <http://www.arun.gov.uk/> and www.Lincolnshire.gov.uk



From: kazys <[REDACTED]>
Sent: 17 July 2019 09:54
To: Laura Gibbons <[REDACTED]>
Cc: Edward Rees <[REDACTED]>
Subject: Mistletoe Farm, Horsemere Green Lane. CM/13/19/RES; Revised Drainage Proposals

Laura

Following on from your e-mail and our subsequent discussion I have re-assessed the drainage for the Mistletoe Farm site and hopefully my latest proposals will meet with your approval.

In brief I have provided permeable surfacing at the junction of Roads 1 & 2 and in the parking area of plot 1. These have been linked with a piped system and I've managed to incorporate a ditch/swale in the network. Final gravity discharge into the adjacent watercourse will be restricted to 2.0 lits/sec but in practise I anticipate it will be at a rate lower than this. The final design and modelling will be dependant on undertaking infiltration testing in the winter and if you require we can undertake groundwater monitoring through the winter period for the shallow soakaways.

Obviously the fall back position, should it be necessary, would be a pumped attenuation system details of which have been previously submitted to you.

I trust this new proposal will enable any drainage objections you have for the proposed scheme to be removed and you can advise your planning colleague accordingly.

I'll give you call later to discuss these proposals.

Many thanks for your cooperation and input on this scheme.

Regards

Kazys

Kazys Narbutas

ESCHER · SILVERMAN
Civil & Structural Consulting Engineers

Roughton
A2 Omega Park
Electron Way
Chandlers Ford
Hampshire
SO53 4SE
[REDACTED]

VISIT OUR NEW WEBSITE
www.eschersilverman.com

NOTICE:

This message contains confidential information and is intended solely for the use of the named recipient(s). If you are not the intended recipient you should not disseminate, distribute or copy this e-mail. If you are not the intended recipient please notify the sender immediately and delete this e-mail and any copies from your system. Whilst every effort is made to safeguard e-mails Escher Silverman cannot guarantee that this e-mail or attachments are virus free and does not accept liability for any virus. Any views expressed in this email are those of the individual sender, except where the email states otherwise, and do not necessarily represent the views of Escher Silverman.

From: Laura Gibbons [REDACTED]
Sent: 16 July 2019 14:32
To: kazys [REDACTED]
Cc: Edwa [REDACTED]
Subject: RE: Mistletoe Farm, Horsemere Green Lane. CM/13/19/RES

Hi Kazys,

Thanks for sending over the infiltration results and your proposals for mistletoe farm.

I have looked at the details and believe a gravity fall can be achieved and the need for pumping removed. I appreciate that there are numerous trees on site constraining design.

Please consider using permeable paving in the two areas that you can (proposed access road T and parking area for plot 1) with these areas providing storage. Pipework connections will of course be required, but we are hopeful that this may shallow the drainage solution and remove the pump requirement.

If you can label up the drawings with pipe diameters and falls that would be useful.

Kind Regards,

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

[REDACTED]

From: kazys [REDACTED]
Sent: 15 July 2019 18:10
To: Laura Gibbons [REDACTED]
Cc: Edward Rees <[REDACTED]>
Subject: Mistletoe Farm, Horsemere Green Lane. CM/13/19/RES

Laura

I appreciate we spoke about the Scyld site previously and your e-mail below makes comments on the previously submitted proposals but we have a more urgent requirement for the adjacent Mistletoe Farm site.

This is an adjacent site for two units that has been submitted for the approval of reserved matters.

I have attached the results of the site investigation which was undertaken to see if the use of infiltration methods could be employed. As you will see, and bearing in mind they were undertaken in

July, I do not believe we can design a surface water drainage scheme utilising these results. Bearing in mind the length of the site and the topography I cannot provide an attenuation scheme that can discharge into the adjacent culverted watercourse by gravity. So my proposal is to provide an attenuation scheme for the roofs and driveways that will require a small pumped facility as outlined on the attached drawing. I have had to utilise a discharge rate of 2.0lits/sec, This I believe is the lowest practical rate that can be achieved. Attached are a set of MicroDrainage calculations together with a plan of the impermeable areas draining to the attenuation system. Regarding the access road serving the site I am proposing that the existing track is surfaced with unbound gravel.

I will call you tomorrow to discuss.

Regards

Kazys

Kazys Narbutas

ESCHER · SILVERMAN
Civil & Structural Consulting Engineers

Roughton
A2 Omega Park
Electron Way
Chandlers Ford
Hampshire
SO53 4SE


VISIT OUR NEW WEBSITE
www.eschersilverman.com

NOTICE:

This message contains confidential information and is intended solely for the use of the named recipient(s). If you are not the intended recipient you should not disseminate, distribute or copy this e-mail. If you are not the intended recipient please notify the sender immediately and delete this e-mail and any copies from your system. Whilst every effort is made to safeguard e-mails Escher Silverman cannot guarantee that this e-mail or attachments are virus free and does not accept liability for any virus. Any views expressed in this email are those of the individual sender, except where the email states otherwise, and do not necessarily represent the views of Escher Silverman.

From: Laura Gibbons 
Sent: 05 July 2019 15:20
To: kazys 
Subject: FW: Scyld, Horsemere Green Lane. CM/21/19/PL

Kazys,

Just to confirm our conversation: please can you work up an attenuation scheme to demonstrate that if infiltration does not work that there is a way to drain the site with the layout that is proposed. If the strategy can be updated to state this attenuation scheme has been provided to demonstrate that drainage for a worst case scenario is feasible but that infiltration will be utilised where possible that will hopefully remove my objection. If there is any way to avoid a pumping solution this would be desirable, potential options to consider; swales, oversized pipes, conveyance

through permeable paving etc. I also don't know how deep the watercourse is at this location, I know it is at quite a significant depth approx. 250m further downstream.

I will be interested to know what infiltration rates are found when testing is completed.

An extract from our mapping is attached.

Have a good weekend.

Kind Regards,

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

From: Anita Gardner
Sent: 27 June 2019 14:40
To: Laura Gibbons <[REDACTED]>
Subject: FW: Scyld, Horsemere Green Lane. CM/21/19/PL

Hi Laura,
Can I have your comments on the attached additional drainage information please?
Thanks
Anita

Visit Arun's web site at www.arun.gov.uk



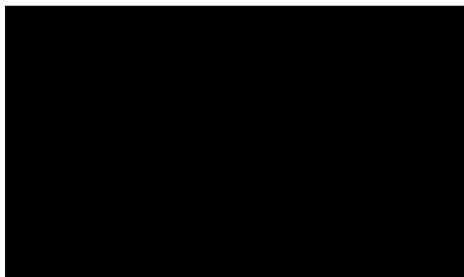
Save the environment - think before you print.

From: Natalie McKellar [REDACTED]
Sent: 27 June 2019 11:58
To: Anita Gardner [REDACTED]
Cc: Kerry Simmons [REDACTED]
Subject: Scyld, Horsemere Green Lane. CM/21/19/PL

Dear Anita,

Further to your email dated 12th June I attach the information requested regarding a scheme for surface water drainage. The ecological survey is now being finalised and will be with you shortly.

Should you require anything further please contact me.



Sponsors of the Surrey Property Awards 2019



This message contains confidential information and is intended only for the (Message Recipient(s)). If you are not the (Message Recipient(s)) you should not disseminate, distribute or copy this e-mail. Please notify (Display Name) immediately by e-mail if you have received this e-mail by mistake and delete this e-mail from your system. E-mail transmission cannot be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, destroyed, arrive late or incomplete, or contain viruses. Iud therefore does not accept liability for any errors or omissions in the contents of this message, which arise as a result of e-mail transmission. If verification is required please request a hard copy version.

Genesis Town Planning Ltd, Annika House, Crescent Road, Worthing, West Sussex BN11 1QR. Registered in England and Wales, Company number 6648363

<http://www.arun.gov.uk>

DX 57406 Littlehampton

You can view Arun District Council's Privacy Policy from <https://www.arun.gov.uk/privacy-policy>

Important Notice This e-mail is intended exclusively for the addressee and may contain information that is confidential and/or privileged. If you are not the intended recipient (or authorised to receive it for the addressee), please notify the sender and delete the e-mail immediately; using, copying, or disclosing it to anyone else, is strictly prohibited and may be unlawful. Any views, opinions or options presented are solely those of the author and do not necessarily represent those of Arun District Council. The information in this e-mail may be subject to public disclosure under the Freedom of Information Act 2000, therefore we cannot guarantee that we will not provide the whole or part of this e-mail to a third party. The Council reserves the right to monitor e-mails in accordance with relevant legislation. Whilst outgoing e-mails are checked for viruses, we cannot guarantee this e-mail is virus-free or has not been intercepted or changed and we do not accept liability for any damage caused. Any reference to "e-mail" in this disclaimer includes any attachments.

<http://www.arun.gov.uk>

DX 57406 Littlehampton

You can view Arun District Council's Privacy Policy from <https://www.arun.gov.uk/privacy-policy>

Important Notice This e-mail is intended exclusively for the addressee and may contain information that is confidential and/or privileged. If you are not the intended recipient (or authorised to receive it for the addressee), please notify the sender and delete the e-mail immediately; using, copying, or disclosing it to anyone else, is strictly prohibited and may be unlawful. Any views, opinions or options presented are solely those of the author and do not necessarily represent those of Arun District Council. The information in this e-mail may be subject to public disclosure under the Freedom of Information Act 2000, therefore we cannot guarantee that we will not provide the whole or part of this e-mail to a third party. The Council reserves the right to monitor e-mails in accordance with relevant legislation. Whilst outgoing e-mails are checked for viruses, we cannot guarantee this e-mail is virus-free or has not been intercepted or changed and we do not accept liability for any damage caused. Any reference to "e-mail" in this disclaimer includes any attachments.

<http://www.arun.gov.uk>

DX 57406 Littlehampton

You can view Arun District Council's Privacy Policy from <https://www.arun.gov.uk/privacy-policy>

Important Notice This e-mail is intended exclusively for the addressee and may contain information that is confidential and/or privileged. If you are not the intended recipient (or authorised to receive it for the addressee), please notify the sender and delete the e-mail immediately; using, copying, or disclosing it to anyone else, is

