

[REDACTED]

From: Maria Tomalova <Maria.Tomalova@arun.gov.uk>
Sent: 15 September 2020 13:07
To: Planning.Responses <Planning.Responses@arun.gov.uk>
Subject: FW: FW: BR/188/20/DOC -

Please upload the below to the above application: Drainage Engineers comments

From: Elvin Gomery [REDACTED]
Sent: 15 September 2020 10:26
To: Laura Gibbons [REDACTED]
Cc: Maria Tomalova <Maria.Tomalova@arun.gov.uk>; Stuart Bone [REDACTED]
Subject: Re: FW: BR/188/20/DOC -

Ok Laura

Thank you for your email. I will update our plans regarding the carports and reissue. Thank you for reconsidering the testing requirements.

Regards

Elvin

For and on behalf of Cowan Consultancy

On Tue, 15 Sep 2020, 09:59 Laura Gibbons, [REDACTED] wrote:

Hi Elvin,

On this occasion we will let you complete an attenuation design as we believe it is unlikely that groundwater levels will be sufficiently lower where the permeable paving is proposed. However, please note for future applications that testing must be completed at the location of the proposed drainage features.

Permeable paving to the parking area must be provided to allow water to flow through the carport area. It was established with Robert Clark that without this flooding could be increased off site. We do not wish to see water flowing under the habitable accommodation itself.

Kind regards,

On Tue, 8 Sep 2020 at 12:37, Elvin Gomery [REDACTED] wrote:

Thanks for the reply Laura

To clarify:

1. We are proposing to tank the storage blanket so yes there will be a point of discharge to the culvert.
2. We feel the above means we do not need to undertake any further infiltration testing as this solution will not be used. Can this condition be removed as it is no longer relevant for the proposed drainage solution.
3. Regarding the undercroft parking and permeable subbase. I believe you stated that this type of solution is undesirable and we would agree. We have now allowed for the lost flood volume within the main driveway storage volume (within the calculations supplied) so believe that this is permeable underdrift and water under the dwellings is not needed.
4. If we can agree the above we can design the full network calcs and flow control device.

I await your response, let me know if you want to discuss anything.

Regards

Elvin Gomery

For and on behalf of Cowan Consultancy Ltd.

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