

Simon Davis

From: James Snelgar [REDACTED]
Sent: 23 September 2021 17:23
To: Simon Davis
Subject: FW: Yapton
Attachments: YAP-130-026J Pervious System Network Layout_70 Units.pdf

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Hi Simon

Please find attached.

Kind regards

James Snelgar
Technical Director



[REDACTED] Web: www.dandara.com

Dandara Ltd, Roman House, South Hampshire Industrial Estate, Eddystone Road, Totton, Southampton, SO40 3SA

From: Arek Kadlec <[REDACTED]>
Sent: 16 September 2021 12:19
To: Laura Gibbons <Laura.Gibbons@arun.gov.uk>

[REDACTED]
Subject: RE: Yapton

WARNING: This email is from an External Source. Think Carefully before clicking on links or attachments.

Hello Laura,

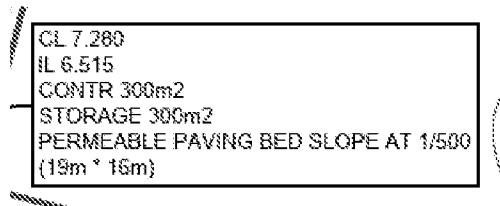
Please find attached revised drawing that shows thicknesses of sub-base across the site.

Few note of explanation:

1. None of the designs (including Microdrainage calculations) were changed as a result of this revision.
2. There is no constant sub-base thickness for areas Type 6A (i.e. paving with poor infiltration). The sub-base has gradient towards the areas with better infiltration and since the finished levels are flat and constant in

places the sub-base depths vary and as such can not be noted on drawings as a single depth only. Please note that this is how these sections of pavement were modelled in Microdrainage.

3. The summary boxes of the permeable paving areas (example snapshot below) refer to the cover level and invert level for a 'spot location' (i.e. downstream end of the permeable paving modelled section) – therefore previous comment of single *minimum sub-base thickness* (i.e. being 555mm for paving section 26) is not entirely representative for Type 6A areas



I hope that with this revision all your outstanding concerns are addressed and you are able now to discharge drainage planning conditions?

If anything is still not clear please feel free to call me directly so issues can be addressed promptly and immediately.

Kind Regards



Arek Kadlec | Principal Engineer

Misc CEng MCINEM CWMEM

Tuscany House | White Hart Lane | Basingstoke | RG21 4AF

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

Sent: 14 September 2021 16:10

To: Arek Kadlec < >

Subject: RE: Yapton

Hi Arek,

There are areas in question which have varying finish levels proposed that result in insufficient depth of sub-base being provided. Please can you review your plans and check that minimum sub-base depths are being provided throughout and indicate on plan what the minimum sub-base depths are in regions with type 6A.

Thanks,

Laura Gibbons

Drainage Engineer

Engineering Services

Please note that I work Tuesdays 08:00-16:00 for Arun only.



[REDACTED]
E: laura.gibbons@arun.gov.uk or [REDACTED]

Arun District Council, Civic Centre, Maltravers Rd, Littlehampton, West Sussex, BN17 5LF

From: Arek Kadlec <[REDACTED]>
Sent: 24 August 2021 15:59
To: Laura Gibbons <Laura.Gibbons@arun.gov.uk>
[REDACTED]

Subject: RE: Yapton

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Hi Laura,

Thanks for your reply.

Please be aware that we have noted finished and formation levels for all paving including area 26. If we focus on areas 26 and 27 the finished level is constant and set at 7.280 – and thus the sub-base thickness will vary along the sub-base longitudinal gradient in order to meet the finished levels. It is therefore not possible to state single sub-base thickness for some areas (mostly applicable to the areas with poor infiltration as indicated on drawing YAP-130-026I)

We could however indicate sub-base thickness for spot areas (to coincide with spot points indicating road type and paving base level).
Would that be sufficient and address your concerns?

Kind Regards



Arek Kadlec | Principal Engineer

Msc CEng MCINEM CWEM

Tuscany House | White Hart Lane | Basingstoke | RG21 4AF
[REDACTED]

From: Laura Gibbons <Laura.Gibbons@arun.gov.uk>
Sent: 24 August 2021 15:31
To: Arek Kadlec <[REDACTED]>
[REDACTED]

Subject: RE: Yapton

Hi Arek,

Please see comments below in *blue*.