

Arun District Council, Civic Centre, Maltravers Rd, Littlehampton, West Sussex, BN17 5LF
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From: Sarah Burrow <Sarah.Burrow@arun.gov.uk>
Sent: 20 July 2021 09:40
To: Maria Tomalova <Maria.Tomalova@arun.gov.uk>
Subject: RE: 7 Middleton Road Soakaway

Hi Maria,

Yes that is correct. Surface water drainage is to be constructed in accordance with submitted plans.

Kind regards

Sarah Burrow
Engineering Assistant, Engineering Services

T: 01903 737815
E: sarah.burrow@arun.gov.uk

Current working pattern: Monday 8am-2:30pm, Tuesday 8am-5:30pm, Wednesday 8am-5pm,
Thursday 8am-5:30pm, Friday 8am-11:30am.

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From: Maria Tomalova <Maria.Tomalova@arun.gov.uk>

Sent: 20 July 2021 09:18

To: Sarah Burrow <Sarah.Burrow@arun.gov.uk>

Subject: FW: 7 Middleton Road Soakaway

Sarah,

I hope you are well.

The applicant was very active rather late.

Is this your confirmation that you are removing suggested condition PCENG2 for an above application? (deadline is today).

Kind regards

Maria

Maria Tomalova
Senior Planning Officer
Directorate of Place

T: 01903 737510

E: maria.tomalova@arun.gov.uk

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From: Sarah Burrow <Sarah.Burrow@arun.gov.uk>

Sent: 16 July 2021 10:33

To: ed [REDACTED]

Cc: Maria Tomalova <Maria.Tomalova@arun.gov.uk>

Subject: RE: 7 Middleton Road Soakaway

Hi Ed,

I've taken a look at the documents and I think that the additional volume is appropriate for the garage. Please add these documents, plus the original Microdrainage calcs for FP/201/20/DOC (so anyone else who may look can see that the design is for both combined) to your application. I will then remove my request for the standard condition to be applied.

Kind regards

Sarah Burrow
Engineering Assistant, Engineering Services

T: 01903 737815

E: sarah.burrow@arun.gov.uk

Current working pattern: Monday 8am-2.30pm, Tuesday 8am-5.30pm, Wednesday 8am-5pm,
Thursday 8am-5.30pm, Friday 8am-11.30am.

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From: ed [REDACTED]
Sent: 14 July 2021 08:38
To: Sarah Burrow <Sarah.Burrow@arun.gov.uk>
Subject: 7 Middleton Road Soakaway

CAUTION: This email originated from outside of the organisation. You should take extra care when clicking links or opening attachments - if you are unsure the content is safe contact the IT Helpdesk before clicking or opening.

Hi Sarah,

Thank you for providing online your consultation on the proposed garage application at 7 Middleton Road. As you say in your consultation, an adaptation of the previously acceptable design is needed.

Using the infiltration rates from before on the effective 50.4sqm. roof area the Micro drainage software gives a soakaway sizing of 9sqm. for the 1 in 100 year storm event.

I have changed this on the previous design to add 18 crates to the front soakaway giving it its new size of 10.5m x 2.0m x 0.4m.

I hope this is ok for me to email you directly as before and that the new design is acceptable? Please let me know if I can make any changes to improve the design.

I attach the new soakaway design and the Micro Drainage software output.

Kind Regards,

Ed McCarthy

Parameters Used (50.4m²)

Contributing Area: 0.005ha

Infiltration Rate: 0.04561m/hr (calculated from your provided percolation results)

Storm Event Period: 1 in 10 years

Climate Change Factor: 40%

Size of Structure: **2m x 2.5m x 0.4m**

Volume: **2m³**

Storage Volume: **1.9m³**

Number of cells (PSM1A): **10 No. (based on appropriate loading conditions)**

This gives a half drain time of 472 minutes, which is within the 24-hour limit stated within BRE Digest 365

The MicroDrainage output is attached

Parameters Used (50.4m²)

Contributing Area: 0.005ha

Infiltration Rate: 0.04561m/hr (calculated from your provided percolation results)

Storm Event Period: 1 in 100 years

Climate Change Factor: 40%

Size of Structure: **3m x 3m x 0.4m**

Volume: **3.6m³**

Storage Volume: **3.42m³**

Number of cells (PSM1A): **18 No. (based on appropriate loading conditions)**

This gives a half drain time of 473 minutes, which is within the 24-hour limit stated within BRE Digest 365

The MicroDrainage output is attached