

From: Laura Gibbons
Sent: 11 June 2019 13:30
To: Juan Baeza
Cc: Anita Gardner
Subject: RE: Planning Consultation on FG/62/19/DOC

Hi Juan,

Correspondence attached which was regarding their previous strategy and whether they could use the existing system or not. I spoke with him on the phone and discussed potential options he could look at which included looking at using permeable paving connected to deeper soakaways.

Thanks,

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

Laura Gibbons | Engineer (Drainage & Coastal), Engineering Services, Arun District Council | Location: First Floor, Arun Civic Centre,
Maltravers Road, Littlehampton, BN17 5LF
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From: Juan Baeza
Sent: 11 June 2019 13:22
To: Laura Gibbons
Cc: Anita Gardner
Subject: FW: Planning Consultation on FG/62/19/DOC

Hi Laura

Mr Cheesmur has been on the phone to know why it is you have commented as you have as he claims he spoke to you and submitted everything you asked for. He will be contacting you directly. Please let Anita know of your discussions.

Thanks

Juan Baeza Area Team Leader – Planning Department, Arun District Council | Location: First Floor, Arun Civic Centre, Maltravers Road, Littlehampton, BN17 5LF

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From: Anita Gardner
Sent: 11 June 2019 13:12
To: Juan Baeza
Subject: FW: Planning Consultation on FG/62/19/DOC

Anita Gardner | Principal Planner, Directorate of Place, Arun District Council | Location: First Floor, Arun Civic Centre, Maltravers Road, Littlehampton, BN17 5LF

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From: Anita Gardner
Sent: 10 June 2019 14:20
Subject: FW: Planning Consultation on FG/62/19/DOC

Dear Mr Cheesmur,

Please see the Drainage Engineer's comments below. Can you let me have the additional information requested within the next 10 days?

Regards

Anita Gardner

Anita Gardner | Principal Planner, Directorate of Place, Arun District Council | Location: First Floor, Arun Civic Centre, Maltravers Road, Littlehampton, BN17 5LF

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From: Laura Gibbons
Sent: 10 June 2019 14:02
To: Planning.Responses
Cc: Anita Gardner
Subject: RE: Planning Consultation on FG/62/19/DOC

Engineers comments regarding condition 3- surface water drainage

1. Full surface water drainage calculations need to be provided for storm durations between 15 minutes and 48 hours.
2. A climate change allowance of 40% should be applied to calculations.
3. It is unclear where the assumption that only 50% of the roof runoff requires storage within the sub-base has been derived from.
4. The existing soakaway should not be included within calculations as it has been found that this may not be utilisable at times of high ground water. The proposals for a high level overflow connecting to this can be taken forwards if it is found to be required.
5. Half drain time calculations should be submitted.
6. Cover levels need to be provided at manholes.
7. Invert and cover levels need to be provided on plan of the overflow pipe and the manhole upstream of the permeable surface area.
8. Finish and formation levels of the permeable surface need to be provided. Please also specify if a flat sub base is to be provided or not.
9. Please can results from the infiltration tests that are referred to be supplied as part of this application.

Please re-consult me upon the supply of further information.

Regards,

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

Laura Gibbons | Engineer (Drainage & Coastal), Engineering Services, Arun District Council | Location: First Floor, Arun Civic Centre, Maltravers Road, Littlehampton, BN17 5LF
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From: planning.responses@arun.gov.uk [mailto:planning.responses@arun.gov.uk]
Sent: 04 June 2019 16:14
To: Land Drainage
Subject: Planning Consultation on FG/62/19/DOC

To: Engineers (Drainage)

NOTIFICATION FROM ARUN DISTRICT COUNCIL
TOWN AND COUNTRY PLANNING ACT 1990
APPLICATION **FG/62/19/DOC**

NO:

Registered: 30-MAY-19

Site Address: Ferring Country Centre And Riding Stables Rife Way Ferring
BN12 5JZ

Description of Works: Approval of details reserved by condition imposed under FG/203/18/PL relating to conditions 3-surface water drainage, 4-details of materials & finishes, 5-Construction Management Plan & 6-covered & secure cycle parking spaces.

The Council have received the above application to discharge conditions. I shall be pleased to receive any observations you may wish to make in respect of those conditions relating to your field of expertise.

[Click here to view the Discharge of Condition application](#)

[Click here to view conditions on original application - click on decision tab](#)

Should you have any comments to make, these should be sent by replying to this email by 18th June 2019.

www.arun.gov.uk/planning

Please be aware that any comments you may make will be available on our website so please do not insert personal details or signatures on your reply.

In the absence of a reply within the period stated, I shall assume that you have no observations to make.

The officer dealing with this application is Mrs A Gardner who can be contacted on telephone number 01903 737529.

Thanking you in anticipation

Planning Case Officer
Arun District Council

post_con_email

From: Laura Gibbons
Sent: 13 May 2019 16:01
To: 'David Walker'
Subject: RE: DOC4 Ferring Country Centre

Hi David,

I do not believe that the existing surface water drainage arrangement is adequate as groundwater was encountered as shallow as 0.31mbgl. Infiltration should occur above groundwater level.

Kind Regards,

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

Laura Gibbons | Engineer (Drainage & Coastal), Engineering Services, Arun District Council | Location: First Floor, Arun Civic Centre,
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From: David Walker
Sent: 07 May 2019 10:08
To: Laura Gibbons
Subject: RE: DOC4 Ferring Country Centre

Hello, good morning,

The perforations consist of c50mm diameter holes commencing at 0.5m bgl. These were observed during the works on site when the soakaway was pumped out and cleaned on 8/04/2019.

Hope this helps.

Regards

David

David Walker

H2Ogeo

Hydrogeology & Environmental Consultancy

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

Sent: 07 May 2019 09:45

To: 'David Walker' [REDACTED]

Subject: RE: DOC4 Ferring Country Centre

Hi David,

The existing soakaway has an invert level which is far below the maximum ground water level recorded. I am therefore concerned by the proposals to utilise the existing soakaway.

At what depth do the perforated rings commence on the ring soakaway?

Kind Regards,

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

Laura Gibbons | Engineer (Drainage & Coastal), Engineering Services, Arun District Council | Location: First Floor, Arun Civic Centre,
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From: David Walker [REDACTED]

Sent: 29 April 2019 15:01

To: Laura Gibbons

Subject: DOC4 Ferring Country Centre

Laura, good afternoon

Please find attached the latest information on the drainage strategy for Ferring Country Centre.

Many thanks

David

David Walker
[REDACTED]



Hydrogeology & Environmental Consultancy

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