



From: Laura Gibbons <Laura.Gibbons@arun.gov.uk>
Sent: 22 March 2022 15:56
To: Planning.Responses <Planning.Responses@arun.gov.uk>
Cc: Simon Davis <Simon.Davis@arun.gov.uk>
Subject: RE: Planning Consultation on: AL/28/22/DOC

Engineers Comments Regarding Condition 10

1. Please provide a layout plan showing the locations of groundwater monitoring and infiltration testing.
2. Please provide further details of infiltration testing, i.e. date of testing and depth of pits.
3. Please provide greenfield runoff rate calculations for the proposed impermeable area which is positively drained.
4. Please provide catchment impermeable areas diagrams.
5. Please provide exceedance flow drawings.
6. Please detail hydrobrake unit references on layout and details.
7. Water level in network 2 is above cover levels of adjacent permeable paving- it appears that exceedance will occur in the 1 in 100 year plus 40% cc rainfall event. Please provide evidence of what flood depths will be, and that these will not threaten dwellings.
8. Please provide manholes on the points of connection into the main network from pipes serving 2 or more dwellings.
9. Please clearly label finish and formation level of all permeable paving areas.
10. Please label cover levels of gullies.
11. Please detail proposed outfall inverts, along with inverts of culvert and watercourse at the proposed points of connection.
12. Please provide flotation calculations for cellular storage and attenuation basin.
13. Please provide data sheets to evidence flow control devices for S102 and S23 will achieve the criteria within the flow model.
14. Please detail overflow level on S23 construction detail drawing.

15. Please detail membrane around attenuation tank on construction detail drawing. Please make detail site specific.
16. Please provide construction detail drawings of permeable paving.
17. Please provide two perpendicular cross sections of the basin, please detail liner, topsoil depths, etc. on construction detail drawing.
18. For the bagwork headwalls to the basin- please detail bag size, how full bags are to be with ST4 concrete, how bags are to be compacted, what bond pattern is to be followed, spacing of pins, minimum width of headwalls, etc.

Due to the lack of information we cannot guarantee that more comments will not be raised when further information is supplied.

We would recommend that the applicant reviews and completes our checklist which fully details our requirements for Discharge of Conditions applications. The checklist can be found here: <https://www.arun.gov.uk/drainage-planning-consultations>

Kind regards,

Laura Gibbons

Drainage Engineer

Engineering Services

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



T: 01903 221374

E: laura.gibbons@arun.gov.uk

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

From: Planning.Responses <Planning.Responses@arun.gov.uk>

Sent: 11 March 2022 11:19

To: Land Drainage <Land.Drainage@arun.gov.uk>

Subject: Planning Consultation on: AL/28/22/DOC

To: Engineers (Drainage)

NOTIFICATION FROM ARUN DISTRICT COUNCIL

TOWN AND COUNTRY PLANNING ACT 1990

Application No: AL/28/22/DOC
Registered: 3rd March 2022
Site Address: Land At Wings Nursery Lidsey Road Woodgate PO20 3SU
Description of Works: Approval of details reserved by condition imposed under AL/20/21/PL relating to condition 10-surface water drainage.

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 wish to make any comments click on the link www.arun.gov.uk/planning and click into ?Enter Comment? or if this is not possible email your response to planning.responses@arun.gov.uk by **25th March 2022**.

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.

Yours sincerely

Mr S Davis

Planning Case Officer- Arun District Council

Telephone: 01903 737874

Email: Simon.Davis@arun.gov.uk

PLCOND00 (008) 2020