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Save the environment - think before you print.

From: Paul Cann <Paul.Cann@arun.gov.uk>

Sent: 06 August 2020 12:45

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

Subject: RE: Planning Consultation on: LY/10/20/DOC

Comments;

1. It is acknowledged that infiltration is not suitable on this site due to the exceptional highwater table. For future reference, the applicant should note that the infiltration testing was undertaken too deep, although fortunately infiltration is no longer relevant to this site.
2. Flow rates to the existing ditch must be restricted to QBAR. Please provide run off calculations to establish this rate. It should be noted that hydrobrakes are now available for flows < 2l/s.
3. The hydraulic calculations specify the length of the permeable paving as 492m in length, presumably this should be 49.2m?
4. Headwall – add relevant general notes to support the detail – see attached drawing. Specify apron length. Show pipe diameter/material. Add note to say no part of the headwall structure is to encroach into the profile of the ditch.
5. Hydrobrake chamber – increase base thickness to 225mm. Specify hydrobrake model/product code proposed.

6. 1200mm tank – specify concrete surround thickness, etc to resist floatation. Specify pipe manufacturer/product.
7. Catchpit manhole detail (upstream end of 1200mm tank – update to similar spec as the hydrobrake manhole ie. ductile iron cover (not cast iron), concrete surround to rings to extend up to cover slab level, brickwork required under cover/frame, etc. Show pipework as proposed ie. outgoing 1200mm pipe, etc.
8. Show invert level of connection from NW, into manhole at head of 1200mm tank ie. connection to be made soffit to soffit.
9. Permeable pavement – make it clear that the impermeable membrane will extend up the sides of the structure too. Holes through DBM to be 75mm diameter. Specify depth of free draining stone.
10. For all pipework upstream of 1200mm tank/permeable pavement – show all invert levels/gradients. Manholes to be provided on all bends, etc and silt traps immediately upstream of diffuser units as per construction detail. Rodding eyes can be specified on heads of run. Show all RWP's and their connection points.
11. Add more detail to silt trap construction drawing.
12. In terms of the proposed point of connection to the existing ditch network, I have visited site and spoken to the farmer who owns the adjoining land;
 - a) The receiving ditch is in need of maintenance (clearance/desilting). An upstream culvert is buried as a result. The ditch outlet pipe has a protecting grille which is in disrepair and will need attention. It is unknown where this pipe ultimately discharges and therefore this will need to be investigated. It will also need to be jet cleaned and CCTV surveyed to ensure it is fit for purpose.
 - b) Irrespective of whether the option in a) above proceeds the ditch will require maintenance.
 - c) An alternative option is to connect to the large ditch (has a half channel base) running parallel to the farm track (south side). It is believed that this was installed as part of the original petrol station/hotel development. Again this is lacking maintenance and has been known to cause issues on the farm due to the lack of maintenance. However, if the necessary maintenance is carried out, then this would be the preferred point of connection.
 - d) The applicant is urged to contact me to discuss the above in more detail.

Look forward to receiving revised drawings, etc.

Regards

Paul Cann
Principal Drainage Engineer
Engineering Services

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From: Land Drainage [REDACTED]
Sent: 17 July 2020 16:04
To: Paul Cann <Paul.Cann@arun.gov.uk>
Subject: FW: Planning Consultation on: LY/10/20/DOC

From: Planning.Responses
Sent: Friday, July 17, 2020 3:04:26 PM (UTC+00:00) Monrovia, Reykjavik
To: Land Drainage
Subject: Planning Consultation on: LY/10/20/DOC

To: **Engineers (Drainage)**

NOTIFICATION FROM ARUN DISTRICT COUNCIL

Town & Country Planning Act 1990 (as amended)
Town and Country Planning (Development Management Procedure) (England) Order 2015

Application No: LY/10/20/DOC
Registered: 16th July 2020
Site Address: Arundel Residents inn A27 Lynminster & Crossbush Arundel BN17 7QQ
Grid Reference: 502675 105830
Description of Works: Approval of details reserved by condition imposed under LY/10/17/PL relating to condition 3-surface water drainage.

The Council have received the above application.

[Click here to view the application details](#)

Should you have any comments to make, these should be sent by replying to this email by . You can also monitor the progress of this application through the Council web site:

www.arun.gov.uk/planning.

The application will be determined having regard to the development plan policies (if any are relevant) and other material considerations. The development plan can be accessed via the website <https://www.arun.gov.uk/development-plan> as can the the leaflet how to respond to planning applications <https://www.arun.gov.uk/planning-application-comments> which deals with material planning considerations.

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.

Should the application go to appeal the Planning Inspectorate will publish any comments made to the Council on their website: <https://www.planningportal.co.uk/info/200207/appeals> but they will protect personal details.

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

Yours sincerely

Finlay Gardner

Planning Officer- Arun District Council

Telephone: 01903 737915

Email: finlay.gardner@arun.gov.uk

PLCONSULT (ODS) 2020