

Rebecca Payne

From: Amanda Scholes on behalf of Planning.Responses
Sent: 06 March 2018 08:46
To: Planning Scanning
Subject: FW: Planning Consultation on BE/22/18/DOC
Attachments: Land Drainage Map.pdf

From: Paul Cann
Sent: 05 March 2018 15:04
To: Planning.Responses
Subject: RE: Planning Consultation on BE/22/18/DOC

Condition 5 Surface Water Drainage

Comments;

1. How much of the surface water drainage system to be adopted by Southern Water? Storage tanks/swale?
2. Confirmation is required from Southern Water that they have agreed to the public surface water sewer diversion in New Barn Lane and also agreed the discharge rate from the development site into the New Barn Lane surface water sewer?
3. Is the geotextile specified on the swale/pond section permeable or impermeable? Please specify. If permeable, have winter groundwater levels been accounted for? If impermeable, has floatation been considered?
4. Provide swale headwall/low flow channel construction details. The outfall headwall will require a cranked grille arrangement.
5. Provide Microdrainage pipe network details for both catchments and 1 in 100 year + 40% simulations for these networks (ie. not just the storage tanks/swale).
6. Provide manufacturers technical details for all hydrobrake's.
7. provide construction details for control chambers.
8. Has the rainfall falling onto the swale area been accounted for in the calculations?
9. Provide full construction details for the storage tanks. Additional protection against root intrusion may be required where in proximity to existing trees.
10. Additional silt management is required upstream of the crate storage tanks in order to help prevent silt entering the tanks ie. silt traps.
11. Please find enclosed a copy of our land drainage records. The shallow ditch on the southern boundary needs to be cleaned out/desilted, (Add notes to drawing). Investigations also need to be undertaken to identify its outlet which is currently not visible. This ditch may connect to the proposed abandoned section of public surface water sewer? If an outfall cannot be located, then one will be required. Provide full details for approval (land drainage consent may be required).
12. There is an existing culvert in the vicinity of the SW corner of site, which links two ditches. These culvert requires improvement. Please contact me to discuss.
13. The ditch in the NE corner, to where then the northern catchment is being connected will need cleaning out/desilting (Add note). There is an existing trash screen protecting the entrance to the public surface water sewer immediately downstream of the proposed connection. Please contact me to discuss, as this may need improvement.
14. Provide headwall details for outfall in NE corner. The structure should not encroach into the ditch profile.
15. Show full pipe details immediately downstream of manhole SW16 on layout plan
16. Show full pipe details between northern storage tank outlet and proposed headwall on layout plan.

17. Specify hydrobrake details/flow rates on layout plans.
18. Indicate pipe diameter immediately downstream of manhole SW1 on the layout plan.
19. Are overflows to be incorporated into the systems to cater for flow exceedance/blockages at the control chambers?
20. No new trees to be planted in close vicinity of the crate storage tanks. Remove any shown on the layout plans.

I would suggest that a site meeting is held to inspect/discuss the existing watercourse/culvert issues, for which landowners have sole or joint riparian responsibility.

Regards

Paul Cann
Senior Engineer (Drainage & Coastal)

[Paul Cann](#) | Senior Engineer (Drainage & Coastal), Engineering Services, [Arun District Council](#) | Location: First Floor, Arun Civic Centre, Maltravers Road, Littlehampton, BN17 5LF

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Save the environment - think before you print.

From: planning.responses@arun.gov.uk [<mailto:planning.responses@arun.gov.uk>]

Sent: 02 March 2018 09:20

To: Paul Cann

Subject: Planning Consultation on BE/22/18/DOC

To: **Engineers (Drainage)**

NOTIFICATION FROM ARUN DISTRICT COUNCIL

TOWN AND COUNTRY PLANNING ACT 1990

APPLICATION NO: **BE/22/18/DOC**

Registered: 22-FEB-18
Site Address: Land West of New Barn Lane Bersted

Description of Works: Approval of matters reserved by condition imposed under BE/18/17/PL relating to conditions 4-archaeological works, 5-surface water drainage, 9- landscape scheme, 10-protection of existing trees/bushes/shrubs, 14-foul drainage, 15-ecological enhancement scheme, 17-landscape management plan, 18-

details of laying out timetable for provisions & future maintenance of Public Open spaces, 20-10% decentralised & renewable or low carbon energy sources, 21-street lighting scheme, 23-vehicle access, 25-car parking spaces, 27-construction of road(s), footways & casual parking areas & 28-Travel Plan statement.

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 16th March 2018.

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 Mr D Easton who can be contacted on telephone number 01903 737619.

Thanking you in anticipation

Planning Case Officer
Arun District Council

post_con_email

Arun District Council Maps

