

From: Laura Gibbons

Sent: 11 July 2019 16:20

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

Subject: RE: Please find attached amendment on planning application Ref: F/30/18/PL

Engineers Further Comments Regarding Surface Water Drainage

The reservoir construction details drawing shows that the reservoir will have an overflow restricted to 15l/s draining into a land drain. This is not what has been stated elsewhere, which is that the overflow will connect into the ditch. This connection should be via solid pipe means. Drainage details need to be agreed once infiltration testing and groundwater monitoring has been completed. Therefore, please do not approve this plan or ensure that the specific drainage details can be altered.

I still request that the following conditions are imposed upon this application:

ENG2B

Development shall not commence, other than works of site survey and investigation, until full details of the proposed surface water drainage scheme have been submitted to and approved in writing by the Local Planning Authority. The design should follow the hierarchy of preference for different types of surface water drainage disposal systems as set out in Approved Document H of the Building Regulations, and the recommendations of the SuDS Manual produced by CIRIA. Winter groundwater monitoring to establish highest annual ground water levels and winter Percolation testing to BRE 365, or similar approved, will be required to support the design of any Infiltration drainage. No building / No part of the extended building shall be occupied until the complete surface water drainage system serving the property has been implemented in accordance with the agreed details and the details so agreed shall be maintained in good working order in perpetuity.

Reason: To ensure that the proposed development is satisfactorily drained in accordance with policies W SP1, W DM1, W DM2 and W DM3 of the Arun Local Plan. This is required to be a pre-commencement condition because it is necessary to implement the surface water drainage system prior to commencing any building works.

Informative

Infiltration rates for soakage structures are to be based on percolation tests undertaken in the winter period and at the location and depth of the proposed structures. The percolation tests must be carried out in accordance with BRE365, CIRIA R156 or a similar approved method and cater for the 1 in 10 year storm between the invert of the entry pipe to the soakaway, and the base of the structure. It must also have provision to ensure that there is capacity in the system to contain below ground level the 1 in 100 year event plus 40% on stored volumes, as an allowance for climate change. Adequate freeboard must be provided between the base of the soakaway structure and the highest recorded annual groundwater level identified in that location. Any SuDS or soakaway design must include adequate groundwater monitoring data to determine the highest winter groundwater table in support of the design. The applicant is advised to discuss the extent of groundwater monitoring with the Council's Engineers. Supplementary guidance notes regarding surface water drainage are located here

<https://www.arun.gov.uk/surfacewater> on Arun District Councils website. A surface water drainage checklist is available here <https://www.arun.gov.uk/drainagechecklist> on Arun District Councils website, this should be submitted with a Discharge of Conditions Application.

ENG4A

The development shall not proceed until formal consent has been approved in writing from the Lead Local Flood Authority (WSCC) or its agent (ADC) for the discharge of any flows to watercourses, or the culverting, diversion, infilling or obstruction of any watercourse on the site. Any discharge to a watercourse must be at a rate no greater than the pre-development run-off values.

Reason: To ensure that the proposed development is satisfactorily drained in accordance with policies W DM1 and W DM2 of the Arun Local Plan. It is considered necessary for this to be a pre-commencement condition to protect existing watercourses prior to the construction commencing.

Informative

Under Section 23 of the Land Drainage Act 1991 Land Drainage Consent must be sought from the Lead Local Flood Authority (West Sussex County Council), or its agent (Arun District Council – land.drainage@arun.gov.uk), prior to starting any works (temporary or permanent) that affect the flow of water in an ordinary watercourse. Such works may include culverting, channel diversion, discharge of flows, connections, headwalls and the installation of trash screens.

ENG5A

Development shall not commence until full details of the maintenance and management of the surface water drainage system is set out in a site-specific maintenance manual and submitted to, and approved in writing, by the Local Planning Authority. The manual is to include details of financial management and arrangements for the replacement of major components at the end of the manufacturer's recommended design life. Upon completed construction of the surface water drainage system, the owner or management company shall strictly adhere to and implement the recommendations contained within the manual.

Reason: To ensure that the proposed development is satisfactorily drained in accordance with policies W DM1, W DM2 and W DM3 of the Arun Local Plan. It is considered necessary for this to be a pre-commencement condition to ensure that the future maintenance and funding arrangements for the surface water disposal scheme are agreed before construction commences.

Regards,

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

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Save the environment - think before you print.

From: planning.responses@arun.gov.uk <planning.responses@arun.gov.uk>

Sent: 25 June 2019 12:23

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

Subject: Please find attached amendment on planning application Ref: F/30/18/PL

To: **Engineers (Drainage)**

NOTIFICATION FROM ARUN DISTRICT COUNCIL

TOWN AND COUNTRY PLANNING ACT 1990

APPLICATION NO: F/30/18/PL

Registered: 11-JAN-19

Site Address: Wickes Farm Ford Lane Ford BN18 0DE

Grid Reference:

Category: Plan Applicat'n

Description of Works: 2 multispans tunnels, 2 ancillary outbuildings, drainage pond, associated drainage works, external hardstanding for vehicle parking, access and turning.

I am able to inform you that I have received an amendment to the above application dated 21st June 2019 relating to:- New plans and amended description

[Click here to view the plans and documents](#)

If you should wish to make further representations as a result of this amendment you should click the link below and then click on 'comment on this application'. Please make any further comment by 25th July 2019.

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.

[Click here to make further comments](#)

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

Thanking you in anticipation

Planning Case Officer

pmac21_email
