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Arun District Council, Civic Centre, Maltravers Rd, Littlehampton, West Sussex, BN17 5LF
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From: Laura Gibbons <Laura.Gibbons@arun.gov.uk>
Sent: 09 February 2021 11:50
To: Planning.Responses <Planning.Responses@arun.gov.uk>
Cc: Anita Gardner <Anita.Gardner@arun.gov.uk>
Subject: RE: Planning Consultation on: CM/2/21/DOC

Dear Anita,

Thank you for consulting us regarding this discharge of conditions application. We have the following comments.

Condition 11- surface water drainage design

1. The calculations submitted use FSR rainfall and a cv of 0.75, please use Cv=1 or the latest FEH rainfall.
2. The invert level, and flow restriction of the hydrobrake are inconsistent between calculations and layouts. Please update to ensure consistency and include hydrobrake unit reference on surface water drainage layout and construction details.
3. Please ensure modelled slope of permeable paving is accurate.
4. Please detail finish and formation levels of permeable paving.
5. Please detail all pipe diameters and falls on plan.
6. A minimum of 300mm sump depth should be provided upstream of all connections into the permeable paving.
7. Where connections are being made to pipelines rather than direct to manholes – add note ‘all connections to be made using oblique 45 degree junctions’
8. Please indicate bed level of ditch upstream and downstream of proposed point of discharge, as well as at the point of discharge.

9. Please indicate invert level of outfall to ditch clearly. And update the position so this is accurate.
10. No connections are shown to/ from the permeable car park areas. Given the depth of groundwater these structures should be lined and have a positive means of drainage. Please ensure these areas are included within calculations and link to the road drainage.
11. Please provide construction detail drawings of : hydrobrake (site specific); drainage channels, catchpits, and proposed headwall.
12. The permeable paving details must show an impermeable membrane around the side and base.
13. The permeable paving details must indicate minimum depth of sub-base and sub-base material.
14. I note that it is proposed to have a 100mm thick concrete cover slab over the top of the perforated main pipe, with 150mm each side of pipe work. This would have to be constructed very carefully so as not to cause concrete ingress into the perforated pipe, and it will also result in a strip of road being impermeable. Has the use of diffuser units been considered instead with a small fall in formation over the site? The outlet diffuser unit would have to be at the base of the sub-base. As should the pipe at the downstream end if this is to remain.

Condition 12- discharge of flows/ culverting

1. Please supply further details of the proposed culvert, i.e. diameter, invert level, and construction details.
2. Please confirm proposed discharge rate, invert level, and existing bed level of watercourse, as per points above.
3. It is stated on the plans that the culverting has been agreed, we do not believe this to be the case. Please supply evidence that an application for land drainage consent has been made for both the proposed culverting and outfall headwall.

Condition 13- maintenance manual

1. The maintenance manual should be updated to reflect the current drainage design.
2. The maintenance manual should include the maintenance requirements of pipework, catchpits, channel drains, and hydrobrakes.

Please reconsult us once further information has been supplied.

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: 13 January 2021 16:19

To: Land Drainage [REDACTED]

Subject: Planning Consultation on: CM/2/21/DOC

To: **Engineers (Drainage)**

NOTIFICATION FROM ARUN DISTRICT COUNCIL

TOWN AND COUNTRY PLANNING ACT 1990

Application No: CM/2/21/DOC

Registered: 11th January 2021

Site Address: Scyld Horsemere Green Lane Climping BN17 5QZ

Description of Works: Approval of details reserved by condition imposed under CM/21/19/PL relating to conditions 10-schedule of materials & finishes; 11-proposed surface water drainage; 12-discharge of flows to watercourses or for the culverting, diversion, infilling or obstruction of any watercourse on or adjacent to site & 13-maintenance & management of surface water drainage system.

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 **27th January 2021**.

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

Mrs A Gardner

Planning Case Officer- Arun District Council

Telephone: 01903 737529

Email: Anita.Gardner@arun.gov.uk

PLCOND00 (ODS) 2020