

From: Anita Gardner
Sent: 18 December 2017 10:41
To: Planning.Responses
Subject: FW: FG/151/17/DOC - Discharge of condition 3 surface water drainage Ferring Country Centre, Ferring
Importance: High

Please can this be treated as additional info from agent regarding condition 3

Anita Gardner | Principal Planner, Directorate of Place, 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: [REDACTED]
Sent: 15 December 2017 16:43
To: Anita Gardner
Cc: Phil Acton
Subject: FG/151/17/DOC - Discharge of condition 3 surface water drainage Ferring Country Centre, Ferring
Importance: High

Dear Anita,

Please find our revised information for your engineer attached. I have also put some comments next to his original notes below.

1. Groundwater levels may rise above those recorded in Feb 2017, however, due to the additional capacity/safety factors provided in the drainage scheme, I feel that the affect will be negligible and therefore not an issue. Noted.
2. The headwall being proposed to the basin will need to be concrete bagwork (ST4 concrete) with the bags pinned together with reinforcing bars or similar. Shown indicatively on drawing PL3.
3. Specify outfall invert level to basin and the relative basin base/formation level. This level has been revised - see revised drawing PL2 rev B.
4. Is the basin to be grassed? Specify. Yes -- 'General Purpose Meadow Mix'. See revised drawing PL2 rev B / PL3.
5. Specify pipe gradients (and pipe diameter between SWMH1 and rainwater tank) downstream of manhole SWMH1 (ensuring that the 225mm pipe is laid soffit to soffit with the upstream 100mm pipes. See revised drawing PL2 rev B / PL3.

6. It is not clear as to the routing of the 225mm perforated pipes beneath the type 3 plate soakaway. Please indicate, including levels/gradients. A note in this respect is shown just west of the storage barn but doesn't make anything clear. See drawing PL2 rev B / PL3 – site datum is +100.000, concrete surface falls 1:100 towards the basin. I have made some amendments to the annotation so please study the drawings again. The pipes with the plate soakaway are 100mm dia. The only 225mm pipes are from the catch-pit to the basin, which are solid.
7. Due to the proposed depth of the catchpit manhole, it will be difficult to construct a concrete ring manhole. I would suggest that an engineering brick manhole is utilised. Please provide full details, ensuring that pipes are indicated as laid soffit to soffit. Accepted – brick catchpit shown indicatively on drawing PL3.

I trust this is now a sufficient level of information.

Regards

Matthew Brockhurst BA (Hons) ACIAT



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