

## **Phase 3 – Catalyst, Bicester** **Technical Note – LLFA / CDC Drainage Response**

### **Introduction**

This technical note has been produced as an addendum to Application No: 22/03693/DISC relating to discharge of Condition 18 (SW Drainage). "Phase 3" (Units 10-13) is to be completed in one single sub-phase, completing the 3<sup>rd</sup> and final phase of development at the wider Catalyst development. Please find below Bailey Johnson Hayes responses to consultee comments received to date.

### **LLFA Comments Responses**

1. Provide pipe numbering on the drainage plan which should read in line with the calculations produced.

Drawings No. S1358-PH3-05A, 07A and 9A have been updated to provide MircoDrainage calculation pipe numbers and lengths as requested. Please note all pipe number can be found on drawing no. S1358-DD02 Rev C which is appended to the Catalyst Bicester SW Drainage calculations package revision 3.

2. Provide SuDS construction details drawings.

New Drawings No. S1358-PH3-14, 15, 16, 17, 18 & 19 are now submitted to provide full details of the Attenuation Basin 1, Petrol Interceptors 6-8, Permeable Paving, Hydro-brake outlet details and flood compensation control details.

3. Provide consent to discharge to the existing watercourse.

Application submitted to Tony Brummell at Cherwell District Council for approval of SW headwall, non-return valve and Flood compensation control details.

4. Confirm the capacity of the ditch to take the proposed loads without posing flood risk to the neighbouring sites.

The proposed discharge of 8 l/sec into the existing watercourse will have a negligible effect on neighbouring sites. Capacity of ditch is <1000 l/sec and therefore OK.

5. Provide flood exceedance plan with flood arrows demonstrating that all surface water will be kept away from structures and within the site boundary.

Please find submitted S1358-DD05 Rev A. Note this was also appended to the Catalyst Bicester SW Drainage calculations package revision 3.

### **CDC Drainage Comments Responses**

1. I have not been able to inspect the outfall between the proposed attenuation basin and the receiving watercourse, the Langford Brook, due to the area being securely fenced at the time of visit. The outfall must be in sufficiently good condition to freely pass the outfall discharges and maintained thereafter. The discharge to the Langford Brook will require a consent from the environment Agency.

Full details of outfall arrangements submitted to Cherwell District Council for approval of SW headwall, non-return valve and Flood compensation control details which outfall to the unknown watercourse (Tributary of the Langford Brook).

Note:- No works proposed within 8m of River so EA approval not required.