

26/00081/DISCON

Supporting cover email 9 April 2026

C5 Drainage

We have complied the below response to the comments as well as attaching all updated information to the email.

Please let me know if it is suitable to send to yourself or if you need this resubmitting through the portal.

We have been through the information submitted and have indeed found a discrepancy, but believe there to only be a discrepancy with the type of flow controller specified on the S104 plan and the one in the microdrainage calculations. They now both match, and will be crown vortex controllers rather than hydrobreaks. I also note that the discharge rate is different on S8052, however this is by design. A design discharge rate of 10.6l/s gives us an actual discharge rate of 11.9l/s in line with the S104 plan. Our balancing pond is sized to suitably attenuate these flows. I hope this clears up the discrepancy. If you can review the documents and provide further comment or approval, we would be grateful.

Online Controls for Surface Network 8

Crown Vortex Valve® Manhole: S8052 Control Chamber, DS/PN: 1.020, Volume (m³): 15.0

Design Head (m)	1.400	Vortex Valve® Type	R1	SW Only	Invert Level (m)	96.200
Design Flow (l/s)	10.6	Diameter (mm)				123

1.020 S8052 Control Chamber

11.9 FLOOD RISK