



Highways and Engineering Service – Economy and Environment

DRAINAGE CONSULTATION ON APPLICATION – 24/00857/DOC LAND ADJACENT TO 1 LISTER ROAD, MIDDLETON, M24 4RB

LLFA Consultation Response on behalf of Head of Highways and Engineering

Date of Response: 14th October 2025

LOCATION & PROPOSED DEVELOPMENT

Erection of Single Dwelling - Land Adjacent To 1 Lister Road, Middleton, M24 4RB

Submission of details to comply with conditions 3 (Materials), 4 (Car Parking), 5 (Drainage Strategy), 7 (Boundary Treatment/Hedgehog Passage) and 8 (Biodiversity Enhancements) and 9 (PRA) of planning permission 24/00860/FUL

DOCUMENTS REVIEWED

Proposed Site Layout Ref: LR/M/L/100-01 Rev A

Proposed Drainage Strategy Ref: LR/M/L/100-02 Rev A

Proposed Drainage Construction Details sheet 1/2 Ref: LR/M/L/100-03 Rev A

Proposed Drainage Construction Details sheet 1/2 Ref: LR/M/L/100-04 Rev A

Proposed Part 1 Public Manhole Sewer Connection Details Ref: LR/M/L100-05 Rev A

UU Consultee Response DC/25?2366 30/09/2025

DRAINAGE & FLOOD OFFICER COMMENTS

1. The drainage layout shows the proposed surface water system discharging into the combined system at an on-site manhole before both connect into a public combined sewer.
This is not acceptable in principle.
There is no indication that other options have been investigated in accordance with the drainage hierarchy.
2. The aim should be to discharge surface run off as high up the following hierarchy of drainage options as reasonably practicable: The ordered drainage techniques to be assessed with the aim to reduce or omit lower techniques:
 - Control at Source (Infiltration / Recycling)
 - On Site Treatment (Basins, Swales, Rain gardens, Tree pits)
 - Local Treatment (Adoptable Ponds, Basins, Swales etc)
 - Regional Treatment (ditto usually to a larger scale)
 - Discharge to Watercourses / Bodies
 - Discharge to SW Sewers
 - Discharge to Combined Sewers
3. There is no indication that rainwater harvesting / recycling has been considered. Recycling systems should consider options for weather independent usage.
4. There is no indication that infiltration has been investigated.

5. There is a surface water public sewer in Lister Road, if higher options prove unfeasible then a connection into this asset should be assessed. However, it is noted that the combined and SW sewers on the drawings are labelled opposite to UU records (extract below). These sewers should be surveyed and their status confirmed on site.
6. Applicants should refer to and adopt the principles set out within C753 SuDS Manual 'The SuDS approach to managing surface water runoff'.
7. Drainage proposals should incorporate green surface-based SuDS source control components in preference to more traditional buried storage options.
8. The hydraulic calculations provided do not represent a comprehensive suite of results. There are no pipe or storage / flow control details. The 1yr no surcharge criteria is not demonstrated.
9. The drainage detail drg shows the orifice on the chamber inlet which is incorrect. The proposed orifice of 26mm dia is considered to be a potential high blockage risk and we would query the practicability of restricting flows to 1l/s. It is considered that a vortex control (eg Hydrobrake) would be a more robust option in comparison to an orifice plate.
10. There appears to be insufficient clearance between the foul outlet from MH F6 and the attenuation structure invert. In addition, this should not be routed beneath the attenuation structure.
11. There is no connection shown for the ACO channel.
12. There is no maintenance / management plan provided for the drainage system.
13. It is noted that several of the above points have been similarly raised in UU's response.



DRAINAGE & FLOOD OFFICER SUMMARY:

- i. The proposal to discharge SW to a combined sewer is not acceptable.
- ii. The SuDS hierarchy has not been followed.
- iii. The hydraulic design is not adequately supported.
- iv. The status of existing sewers needs to be confirmed.
- v. No clear maintenance/management plan for SuDS components.
- vi. The above points should be addressed before the condition is discharged.

Consultation by Keith Mealey

Drainage & Flooding Officer

 keith.mealey@rochdale.gov.uk