

Our ref: 100.20004

Your ref: CDN/23/0379

15<sup>th</sup> March 2024

**For the attention of: Mr Steven Mccoombe**

Dear Steven,

**RE: 168-170 Bury Old Road, Manchester, M7 4QY**

Following your comments on behalf of the Lead Local Flood Authority regarding the above scheme, I would like to take this opportunity to explain why we believe this is the only location for the tank and to provide you with a method statement outlining the steps required to replace the attenuation tank as per your request.

Following a drainage survey, we discovered the only sewer we are able to connect into is in Catherine Street, rather than Bury Old Road as initially proposed. This leaves our options for tank placement under the gardens between Bury Old Road properties and the Catherine Street properties, or under the driveways of the Catherine Street properties. We believe that under the driveways on Catherine Street is the best placement of the tank as future maintenance of the tank would mean minimal disruption to the occupiers of the properties. Not only would this placement disturb the fewest residents, but the reinstatement of the ground would potentially be simpler in the driveways as items such as fencelines won't require replacing. Following previous comments we have also provided a section on drawing 100.20004-ACE-XX-XX-DR-C-1001 showing the location of the tank will not have an impact on the highway or the foundations.

With regard to a method statement for the replacement of the attenuation tank, we believe the contractor employed to undertake the job would provide their own RAMS for the task. However, we envisage the methodology to be similar to the below.

- Removal of the hardscaping that makes up the driveways of plots affected on Catherine Street.
- Installation of sheet piling approximately 1m either side of the tank to avoid clashes with the foul water – contractor to specify best installation procedure.
- Removal of remaining soil surrounding the tank.
- Install a temporary by-pass system prior to removal of the attenuation tank.
- Disconnect attenuation tank from storm water network.
- Disassemble and remove the attenuation tank according to current manufacturer's details.
- Install new tank according to manufacturer's details including connection back to storm water sewer.

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- Disassemble temporary by-pass system.
- Reinstall soil surround and hardscape as per existing.

We believe the contractor assigned to undertake the task of replacing the attenuation tank will provide more in-depth instructions for each step. As well as a risk assessment highlighting any potential risks and how they intend to mitigate them.

Please do not hesitate to contact us if you have any queries.

Yours sincerely,

**James Walsh GMICE**  
**Senior Civil Engineering Technician**  
For and on behalf of Adept Consulting Engineers Ltd