

From: BCTAdmin@thameswater.co.uk
Sent: 25 October 2022 17:05
To: Planning Planning
Subject: 3rd Party Planning Application - 2022/4259/P

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London Borough of Camden Our DTS Ref: 73711
Camden Town Hall Your Ref: 2022/4259/P
Argyle Street
Euston Road
London
WC1H 8EQ

25 October 2022

Dear Sir/Madam

Re: 100 & 88 , Gray's Inn Road, London , London , WC1X 8AL

Waste Comments

The proposed development is located within 15 metres of a strategic sewer. Thames Water requests the following condition to be added to any planning permission. "No piling shall take place until a PILING METHOD STATEMENT (detailing the depth and type of piling to be undertaken and the methodology by which such piling will be carried out, including measures to prevent and minimise the potential for damage to subsurface sewerage infrastructure, and the programme for the works) has been submitted to and approved in writing by the local planning authority in consultation with Thames Water. Any piling must be undertaken in accordance with the terms of the approved piling method statement."

Reason: The proposed works will be in close proximity to underground sewerage utility infrastructure. Piling has the potential to significantly impact / cause failure of local underground sewerage utility infrastructure. Please read our guide 'working near our assets' to ensure your workings will be in line with the necessary processes you need to follow if you're considering working above or near our pipes or other structures.

<https://www.thameswater.co.uk/developers/larger-scale-developments/planning-your-development/working-near-our-pipes> Should you require further information please contact Thames Water. Email: developer.services@thameswater.co.uk Phone: 0800 009 3921 (Monday to Friday, 8am to 5pm) Write to: Thames Water Developer Services, Clearwater Court, Vastern Road, Reading, Berkshire RG1 8DB

There are public sewers crossing or close to your development. If you're planning significant work near our sewers, it's important that you minimize the risk of damage. We'll need to check that your development doesn't limit repair or maintenance activities, or inhibit the

services we provide in any other way. The applicant is advised to read our guide working near or diverting our pipes. <https://www.thameswater.co.uk/developers/larger-scale-developments/planning-your-development/working-near-our-pipes>

As required by Building regulations part H paragraph 2.36, Thames Water requests that the Applicant should incorporate within their proposal, protection to the property to prevent sewage flooding, by installing a positive pumped device (or equivalent reflecting technological advances), on the assumption that the sewerage network may surcharge to ground level during storm conditions. If as part of the basement development there is a proposal to discharge ground water to the public network, this would require a Groundwater Risk Management Permit from Thames Water. Any discharge made without a permit is deemed illegal and may result in prosecution under the provisions of the Water Industry Act 1991. We would expect the developer to demonstrate what measures will be undertaken to minimise groundwater discharges into the public sewer. Permit enquiries should be directed to Thames Water's Risk Management Team by telephoning 02035779483 or by emailing trade.effluent@thameswater.co.uk . Application forms should be completed on line via www.thameswater.co.uk. Please refer to the Wholesale; Business customers; Groundwater discharges section.

With regard to SURFACE WATER drainage, Thames Water would advise that if the developer follows the sequential approach to the disposal of surface water we would have no objection. Management of surface water from new developments should follow Policy SI 13 Sustainable drainage of the London Plan 2021. Where the developer proposes to discharge to a public sewer, prior approval from Thames Water Developer Services will be required. Should you require further information please refer to our website. <https://www.thameswater.co.uk/developers/larger-scale-developments/planning-your-development/working-near-our-pipes>

Thames Water would advise that with regard to FOUL WATER sewerage network infrastructure capacity, we would not have any objection to the above planning application, based on the information provided.

Thames Water would recommend that petrol / oil interceptors be fitted in all car parking/washing/repair facilities. Failure to enforce the effective use of petrol / oil interceptors could result in oil-polluted discharges entering local watercourses.

Water Comments

If you are planning on using mains water for construction purposes, it's important you let Thames Water know before you start using it, to avoid potential fines for improper usage. More information and how to apply can be found online at thameswater.co.uk/buildingwater.

On the basis of information provided, Thames Water would advise that with regard to water network and water treatment infrastructure capacity, we would not have any objection to the above planning application. Thames Water recommends the following informative be attached to this planning permission. Thames Water will aim to provide customers with a minimum pressure of 10m head (approx 1 bar) and a flow rate of 9 litres/minute at the point where it leaves Thames Waters pipes. The developer should take account of this minimum pressure in the design of the proposed development.

There are water mains crossing or close to your development. Thames Water do NOT permit the building over or construction within 3m of water mains. If you're planning significant works near our mains (within 3m) we'll need to check that your development doesn't reduce capacity, limit repair or maintenance activities during and after construction, or inhibit the services we provide in any other way. The applicant is advised to read our guide working near or diverting our pipes. <https://www.thameswater.co.uk/developers/larger-scale-developments/planning-your-development/working-near-our-pipes>

Supplementary Comments

Management of surface water from new developments should follow London Plan Policy SI 13 Sustainable drainage, subsection B (the drainage hierarchy). Typically, greenfield run off rates of 5l/s/ha should be aimed for using the drainage hierarchy. The hierarchy lists the preference for surface water disposal as follows; Store Rainwater for later use > Use infiltration techniques, such as porous surfaces in non-clay areas > Attenuate rainwater in ponds or open water features for gradual release > Discharge rainwater direct to a watercourse > Discharge rainwater direct to a surface water sewer/drain > Discharge rainwater to the combined sewer.

. To assist in capacity assessments, all applications should include current and proposed drainage plans, including points of connection and estimations of flow rates. This is particularly important for surface water and sites with multiple points of connection.

. If possible, prioritise green SuDS such as tree pits and green roofs [rain gardens and swales for small sites] that are more effective in low-return period storms, as opposed to attenuation tanks.

For a site of 0.22ha, Thames Water would expect the proposed maximum surface water discharge rates of 9.38l/s and 7.61l/s to be further reduced in line with The London Plan to as close to Greenfield rates as possible (5l/s/ha). No confirmation of capacity is given at this stage for any surface water flow rate greater than this. If greenfield runoff rates cannot be achieved, justification must be provided why this is not possible.

Yours faithfully
Development Planning Department

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