



Head of Planning & Regeneration Services
Gravesham Borough Council
Civic Centre
Windmill Street
Gravesend
Kent
DA12 1AU

Your ref
20210757

Our ref
DSA000016913

Date
31/10/2022

Contact
Tel 0330 303 0119

Dear Sir/Madam,

Proposal: Revised description & revised plans redevelopment of the site including demolition of the southern part of the workshop building and existing corridor link at first floor level between custom house and the outbuildings and conversion of custom house, the coachhouse and outbuildings to include extensions, the old boathouse and the boathouse with external alterations and erection of a new three storey building to provide 27 residential units (6 x 1 bed, 15 x 2 bed and 6 x 3 bed) with associated landscaping and parking.

Site: 20210757: - Custom House, The Terrace, Gravesend, Kent, DA12 2BW.

Thank you for your letter dated 10/10/2022.

The attached plan shows that the proposed development will lie over an existing public water distribution main, which will not be acceptable to Southern Water. The exact position of the public apparatus must be determined on site by the applicant before the layout of the proposed development is finalised.

It might be possible to divert the water distribution main, so long as this would result in no unacceptable loss of hydraulic capacity, and the work was carried out at the developer's expense to the satisfaction of Southern Water under the relevant statutory provisions.

- The 3 inches requires a clearance of 6 metres on either side of the water distribution main to protect it from construction works and to allow for future access for maintenance.
- No development or tree planting should be carried out within 3 metres of the external edge of the water distribution main without consent from Southern Water.
- No new soakaways should be located within 5 metres of a water distribution main.
- All existing infrastructure should be protected during the course of construction works.

Please refer to: southernwater.co.uk/media/3011/stand-off-distances.pdf

Alternatively, the applicant may wish to amend the site layout, or combine a diversion with amendment of the site layout. If the applicant would prefer to advance these options, items above also apply.

We have restrictions on the proposed tree planting adjacent to Southern Water sewers, rising mains or water mains and any such proposed assets in the vicinity of existing planting. Reference should be made to Southern Water's publication "A Guide to Tree Planting near water Mains and Sewers" (southernwater.co.uk/media/3027/ds-tree-planting-guide.pdf) and the Sewerage Sector Guidance (water.org.uk/sewerage-sector-guidance-approved-documents/) with regards to any landscaping proposals and our restrictions and maintenance of tree planting adjacent to sewers, rising mains and water mains.

Furthermore, it is possible that a sewer now deemed to be public could be crossing the development site. Therefore, should any sewer be found during construction works, an investigation of the sewer will be required to ascertain its ownership before any further works commence on site.

In order to protect drainage apparatus, Southern Water requests that if consent is granted, a condition is attached to the planning permission; for example, the developer must advise the local authority (in consultation with Southern Water) of the measures which will be undertaken to divert the public sewers, prior to the commencement of the development.

Our initial investigations indicate that Southern Water can provide foul sewage disposal to service the proposed development. Southern Water requires a formal application for a connection to the public foul sewer to be made by the applicant or developer.

To make an application visit Southern Water's Get Connected service: developerservices.southernwater.co.uk and please read our New Connections Charging Arrangements documents which are available on our website via the following link: southernwater.co.uk/developing-building/connection-charging-arrangements

The supporting documents make reference to drainage using Sustainable Drainage Systems (SuDS).

Under certain circumstances SuDS will be adopted by Southern Water should this be requested by the developer. Where SuDS form part of a continuous sewer system, and are not an isolated end of pipe SuDS component, adoption will be considered if such systems comply with the latest Design and Construction Guidance (Appendix C) and CIRIA guidance available here:

water.org.uk/sewerage-sector-guidance-approved-documents/

ciria.org/Memberships/The_SuDS_Manual_C753_Chapters.aspx

Where SuDS rely upon facilities which are not adoptable by sewerage undertakers the applicant will need to ensure that arrangements exist for the long-term maintenance of the SuDS facilities. It is critical that the effectiveness of these systems is maintained in perpetuity. Good management will avoid flooding from the proposed surface water system, which may result in the inundation of the foul sewerage system.

Thus, where a SuDS scheme is to be implemented, the drainage details submitted to the Local Planning Authority should:

- Specify the responsibilities of each party for the implementation of the SuDS scheme.
- Specify a timetable for implementation.
- Provide a management and maintenance plan for the lifetime of the development.

This should include the arrangements for adoption by any public authority or statutory undertaker and any other arrangements to secure the operation of the scheme throughout its lifetime.

The Council's technical staff and the relevant authority for land drainage consent should comment on the adequacy of the proposals to discharge surface water to the local watercourse.

Land uses such as general hard standing that may be subject to oil/petrol spillages should be drained by means of appropriate oil trap gullies or petrol/oil interceptors.

We request that should this planning application receive planning approval, the following informative is attached to the consent: Construction of the development shall not commence until details of the proposed means of foul sewerage and surface water disposal have been submitted to, and approved in writing by, the Local Planning Authority in consultation with Southern Water.

This initial assessment does not prejudice any future assessment or commit to any adoption agreements under Section 104 of the Water Industry Act 1991. Please note that non-compliance with the Design and Construction Guidance will preclude future adoption of the foul and surface water sewerage network on site. The design of drainage should ensure that no groundwater or land drainage is to enter public sewers.

Our investigations indicate that Southern Water can facilitate water supply to service the proposed development. Southern Water requires a formal application for a connection to the water supply to be made by the applicant or developer.

To make an application visit Southern Water's Get Connected service: developerservices.southernwater.co.uk and please read our New Connections Charging Arrangements documents which are available on our website via the following link: southernwater.co.uk/developing-building/connection-charging-arrangements

For further advice, please contact Southern Water, Southern House, Yeoman Road, Worthing, West Sussex, BN13 3NX (Tel: 0330 303 0119).

Website: southernwater.co.uk or by email at: SouthernWaterPlanning@southernwater.co.uk

Yours faithfully,

Future Growth Planning Team
Business Channels

southernwater.co.uk/developing-building/planning-your-development