



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

Your ref
20221328

Our ref
DSA000019598

Date
31/01/2023

Contact
Tel 0330 303 0119

Dear Sir/Madam,

Proposal: Demolition of existing bowls pavilion and erection of a 4-storey building to provide a 62-unit Use Class C2 retirement living complex, with a new access from Ellerslie, a new emergency access off Ellerslie, parking, landscaping and associated works.

Site: 20221328: - Bowling Green, Church Walk, Gravesend, Kent DA12 2QU.

Thank you for your letter dated 10/01/2023.

Please see the attached extract from Southern Water records showing the approximate position of our existing public foul sewer and public combined trunk sewer within the development site. The exact position of the public assets must be determined on site by the applicant in consultation with Southern Water before the layout of the proposed development is finalised.

The submitted drawing (LSE-2821-030DE-101 Rev D) indicates a 3.5 meter easement to the public combined trunk sewer, which is not satisfactory to Southern Water. The combined trunk sewer requires a clearance of 4 metres on either side of the public apparatus.

- The gravity foul sewer requires a clearance of 3 metres on either side of the gravity sewer to protect it from construction works and to allow for future maintenance access.
- The 800 mm diameter gravity sewer requires a clearance of 4 metres on either side of the gravity sewer to protect it from construction works and to allow for future maintenance access.
- No development or tree planting should be carried out within standoff distance of public apparatus without consent from Southern Water.
- No soakaways, swales, ponds, watercourses or any other surface water retaining or conveying features should be located within 5 metres of public or adoptable gravity sewers.
- All existing infrastructure should be protected during the course of construction works.

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

Please Note: There is a decommissioned public foul sewer and private communication pipe within the development site.

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 public sewers, Southern Water requests that if consent is granted, the following condition is attached to the planning permission; The developer must agree with Southern Water, prior to commencement of the development, the measures to be taken to protect the public sewers.

Our investigations indicate that Southern Water can facilitate foul sewerage and surface water (flow rate 1.4 l/s at manhole reference TQ65737702) run off disposal to service the proposed development. Southern Water requires a formal application for a connection to the public 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](https://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.

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.

The applicant should be advised that a wastewater grease trap should be provided on the kitchen waste pipe or drain installed and maintained by the owner or operator of the premises. It should be noted that under the Water Industry Act 1991 it is an offence to “throw, empty, turn or permit to be thrown or emptied or to pass into any drain or sewer connecting with a public sewer any matter likely to injure the sewer or drain or to interfere with the free flow of its contents.

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.

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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
Developer Services

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