



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

Your ref
20220915

Our ref
DSA000016444

Date
19/10/2022

Contact
Tel 0330 303 0119

Dear Sir/Madam,

Proposal: Application for a minor material amendment to planning permission reference no. 20190504 (following planning permission reference no. 20220487 for non-material amendment to allow the change of description to: Conversion of existing building with a side extension and a roof extension, the construction of a new residential building to provide residential units (class C3) consisting of one bed, two bed and three bed homes, together with associated car parking, motorcycle and cycles spaces alongside amenity space, private gymnasium and waste and space in Class E as flexi use space) to allow: amendments to Block M only (conversion building), including amendments to unit mix, internal layouts and parking, introduction of additional private and shared amenity space, elevational changes and amended material palette.

Site: 20220915: - Former Gravesend and North Kent Hospital (M Block), Clifton Road, Gravesend, Kent.

Thank you for your letter dated 28/09/2022.

Please see the attached extract from Southern Water records showing the approximate position of water distribution mains in the immediate vicinity of 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 water distribution mains requires a clearance of 6 metres on either side of the water distribution mains to protect it from construction works and to allow for future access for maintenance.
- No excavation, mounding or tree planting should be carried out within 6 metres of the external edge of the public water distribution mains without consent from Southern Water.
- No new soakaways, swales, ponds, watercourses or any other surface water retaining or conveying features should be located within 5 metres of a public water distribution mains.
- All existing infrastructure, including protective coatings and cathodic protection, should be protected during the course of construction works.

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

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.

No discharge of foul sewerage from the site shall be discharged into the public system until offsite drainage works to provide sufficient capacity within foul network to cope with additional sewerage flows are complete. Southern Water is currently in process of designing and planning delivery of offsite sewerage network reinforcements. As previously advised Southern Water seeks to limit the timescales to a maximum of 24 months from a firm commitment of the development.

The Submitted surface water drainage information shows no flows greater than existing levels has been connected to the system proving the betterment (limiting the rate of existing brownfield rate to a minimum 50% of the existing brownfield runoff rates) of the surface water system which is acceptable by Southern Water. The developer will be required to provide a topographical site survey and/or a CCTV survey with the connection application showing the existing connection points, pipe sizes, gradients and calculations confirming the proposed surface water flow will be no greater than the existing contributing flows.

The submitted drainage layout drawing No. HC-2262-501 indicates surface water being connected to public sewer through proposed permeable paving which is not acceptable to Southern Water. The design of drainage should ensure that no land drainage or groundwater is to enter public sewers network.

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 Building Control officers or technical staff should be asked to comment on the adequacy of soakaways to dispose of surface water from the proposed development.

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.

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