



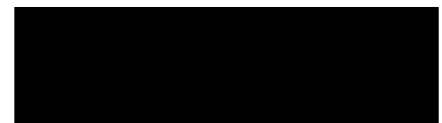
from
**Southern
Water**

Planning and Development Services
Arun District Council
Arun Civic Centre
Maltravers Road
Littlehampton
West Sussex
BN17 5LF

Your ref
AB/135/20/OUT

Our ref
PLAN-037993

Date
09/04/2021



Dear Sir/Madam,

Proposal: Outline application with some matters reserved (except for access) for the development of 90 dwellings & associated amenity land, including land for a community building & for a community allotment. This application affects the setting of listed buildings & affects the character & appearance of the Arundel Conservation Area.

Site: AB/135/20/OUT: - Land at Ford Road, Arundel, BN18 9EB.

Thank you for your letter dated 05/03/2021.

Please see the attached extract from Southern Water records showing the approximate position of our water mains and surface water 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.

Please note:

- The 500 mm diameter water trunk main and 150 mm water distribution main requires a clearance of 6 metres on either side of the water mains to protect it from construction works and to allow for future maintenance access.
- No excavation, mounding or tree planting should be carried out within 6 metres of the external edge of the public water mains without consent from Southern Water.
- The 300 mm diameter gravity surface water 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.
- No development or tree planting should be carried out within 3 metres of the external edge of the public gravity sewer without consent from Southern Water.

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southernwater.co.uk

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- 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, rising mains or water 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

There is a public decommissioned water main within the development site.

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.

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/water apparatus, Southern Water requests that if consent is granted, the following condition is attached to the planning permission; The developer must advise the local authority (in consultation with Southern Water) of the measures which will be undertaken to protect the public sewers/water supply mains, prior to the commencement of the development.

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 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.

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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.

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.

If the applicant proposes to offer a new on-site drainage and pumping station for adoption as part of the foul/surface water public sewerage system, this would have to be designed and constructed to the specification of Southern Water Services Ltd. A secure compound would be required, to which access for large vehicles would need to be possible at all times. The compound will be required to be 100 square metres in area, or of some such approved lesser area as would provide an operationally satisfactory layout. In order to protect the amenity of prospective residents, no habitable rooms shall be located within 15 metres to the boundary of the proposed adoptable pumping station, due to the potential odour, vibration and noise generated by all types of pumping stations. The transfer of land ownership will be required at a later stage for adoption.

Should the applicant wish to offer the sewers for adoption under section 104 of the Water Industry Act, the drainage design should comply with the Sewerage Sector Guidance (water.org.uk/sewerage-sector-guidance-approved-documents/) standards and Southern Water's requirements. Please note that non-compliance with the Sewerage Sector Guidance standards 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.

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.

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: southernwater.co.uk/developing and please read our New Connections Services Charging Arrangements documents which are available to read on our website via the following link: southernwater.co.uk/developing-building/connection-charging-arrangements

For Southern Water Planning Webpage please click the below link:

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

For further advice, please contact Southern Water, Southern House, Yeoman Road, Worthing, West Sussex, BN13 3NX [REDACTED]

Website: southernwater.co.uk or by email at: [REDACTED]

Yours faithfully,

[REDACTED]

Joff Edevane
Growth Planning Lead
Business Channels

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SOUTHERN WATER



The positions of pipes shown on this plan are believed to be correct, but Southern Water Services Ltd accept no responsibility in the event of inaccuracy. The actual positions should be determined on site.

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O.S. REF: TQ0006SE

Scale: 1:2500

Screen Print

WARNING: BAC pipes are constructed of Bonded Asbestos Cement

WARNING: Unknown (UNK) materials may include Bonded Asbestos Cement



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Southern Water MapGuide Browser

Requested By:

Date: 9-4-2021