



from

**Southern
Water**

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

Your ref
FP/274/21/OUT

Our ref
DSA000009541

Date
26/04/2022



Dear Sir/Madam,

Proposal: Outline planning application with all matters reserved, except means of access, for the erection of up to 480 new homes (C3), the formation of a new means of access onto Golf Links Road, together with the creation of new surface water drainage, new landscaping and habitat creation, ground works and other infrastructure and the retention and re-purposing of the retained club house (F2). This site also lies within the parish of Yapton, affects a Public Right of Way and is a Departure from the Development Plan. This application is subject to an Environmental Statement. **Site:** FP/274/21/OUT: - Bognor Regis Golf Club, Downview Road, Felpham, PO22 8JD.

Thank you for your letter dated 08/03/2022.

Please see the attached extract from Southern Water records showing the approximate position of our existing foul rising main and surface water 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 600 mm diameter rising main requires a minimum clearance of 3.5 metres on either side of the rising 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 3.5 metres of the external edge of the public rising main without consent from Southern Water.
- The 900 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 4 metres of the external edge of the public gravity sewer 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 apparatus.

Southern Water, Southern House, Yeoman Road, Worthing, West Sussex, BN13 3NX
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- All existing infrastructure should be protected during the course of construction works.

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.

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.

Southern Water has undertaken a desktop study of the impact that the additional foul sewerage flows from the proposed development will have on the existing public sewer network. This initial study indicates that these additional flows may lead to an increased risk of foul flooding from the sewer network. Any network reinforcement that is deemed necessary to mitigate this will be provided by Southern Water.

Southern Water and the Developer will need to work together in order to review if the delivery of our network reinforcement aligns with the proposed occupation of the development, as it will take time to design and deliver any such reinforcement.

It may be possible for some initial dwellings to connect, pending network reinforcement. Southern Water will review and advise on this following consideration of the development programme and the extent of network reinforcement required.

Southern Water will carry out detailed network modelling as part of this review which may require existing flows to be monitored. This will enable us to establish the extent of any works required.

Southern Water endeavour to provide reinforcement within 24 months of planning consent being granted (Full or Outline) however for large developments our assessment of the timescales needed will require an allowance for the following which may result in an extension of the 24 month period:

- Initial feasibility, detail modelling and preliminary estimates.
- Flow monitoring (if required)
- Detailed design, including land negotiations.
- Construction.

Southern Water hence requests the following condition to be applied: Occupation of the development is to be phased and implemented to align with the delivery by Southern Water of any sewerage network reinforcement required to ensure that adequate waste water network capacity is available to adequately drain 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.

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

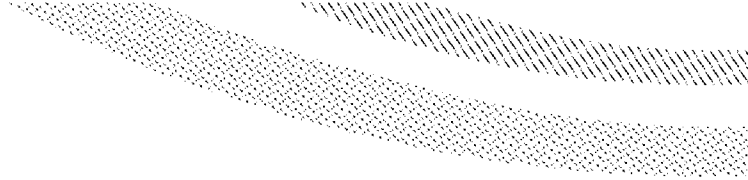
- Specify the responsibilities of each party for the implementation of the SuDS scheme.
- Specify a timetable for implementation.
- Provide a management and maintenance plan for the lifetime of the development.

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.

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 [REDACTED]

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

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: SU9500NW

Scale: 1:2500

Screen Print

WARNING: BAC pipes are constructed of Bonded Asbestos Cement

WARNING: Unknown (UNK) material may include Bonded Asbestos Cement
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SOUTHERN WATER



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O.S. REF: SU9501NW

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ARUN DISTRICT COUNCIL FP/274/21/OUT



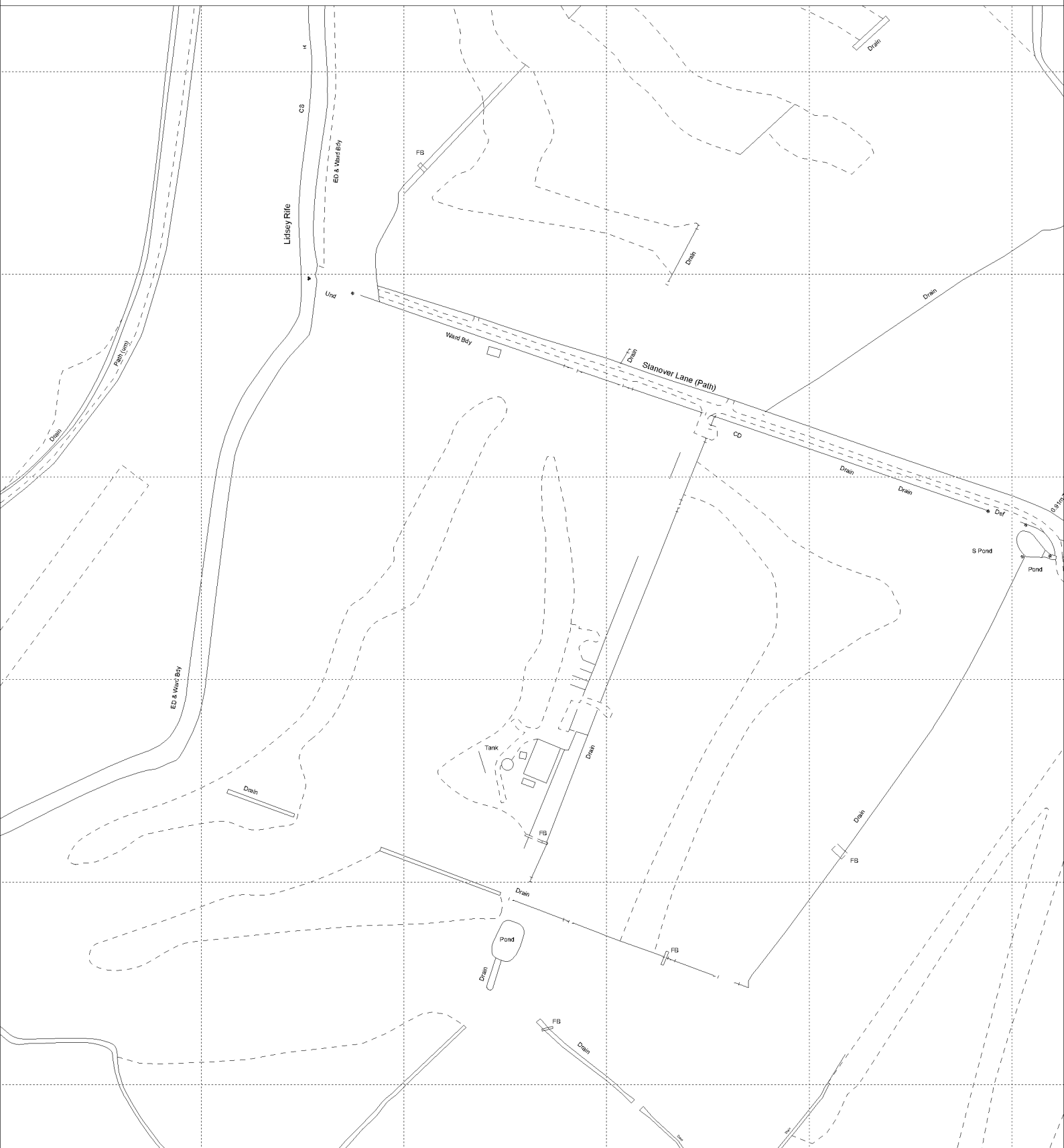
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**Southern
Water**

Planning ref
FP/274/21/OUT

Our ref
DSA000009541

Date
26th April 2022



Dear Sir/Madam,

Southern Water – Your build rates and occupation information
Site Name: Bognor Regis Golf Club, Downview Road, Felpham, PO22 8JD.

We are contacting you to request information which is required by Southern Water in order to prepare for the connection of your development site (as listed above), to our public sewer network.

In April 2018, water companies in England published their new connection charges (part of the charges are also known as the infrastructure charge). A copy of the Southern Water New Connection Charging Document is available on our website: [southernwater.co.uk/media/3305/new-connections-services-charging-arrangements-20_21.pdf](https://www.southernwater.co.uk/media/3305/new-connections-services-charging-arrangements-20_21.pdf)

Under the new charging rules, our customers can connect to the closest point of connection, to a pipe of equivalent size or greater. If any reinforcement to the public sewer network is required to enable your connection, this will be provided through the new infrastructure charge. It will take time for us to provide any such network reinforcement. To enable us to plan for this, we require some information.

Action request:

Please provide the details of your anticipated occupation dates and build out rate for the site listed above. This information will support us in planning the required works across our region in readiness for your site to be occupied. If we do not receive this information about the site, we may not be able to progress with the work required to prepare for the connection of your site and your development program. Please note this does not constitute a discharge of any pre-commencement condition that may be attached to your planning consent.

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[southernwater.co.uk](https://www.southernwater.co.uk)

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Build Rate & Occupation details

Please fill out the tables below in block capital letters and email this back to us as soon as possible.
Please email the form to: SouthernWaterPlanning@southernwater.co.uk

If the site is not proceeding please email the address above with the site references listed above and a brief description of why it is not going ahead. If you have queries about the information required, please call Developer Services on [REDACTED]

Your earliest reply would be much appreciated.

Future Growth Planning Team
Business Channels

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

A. Contact Information in case of further queries:

Name of person completing form

Company

Phone number

Email address

Date form completed

B. Site references:

Proposal

Site Name (on letter)

Site Postcode/location

Planning Reference (on letter)

Planning Authority (on letter)

Our reference (on letter)

C. Site information:

Proposed start date	/	/
Proposed connection date	/	/
First occupation date	/	/
Forecast completion date	/	/
Proposed date of full occupancy	/	/
Proposed connecting manhole reference number		

Build out period (Per month for each year of development)												
Year	Month											
	1	2	3	4	5	6	7	8	9	10	11	12
20												
20												
20												
20												
20												

If the site had previous use, please describe the type of previous use: e.g. greenfield/brownfield, block of flats, warehouse etc.