

Woodlands Meed College

Utility Appraisal
Atkins EDPM

September 2019



Notice

This document and its contents have been prepared and are intended solely for Atkins EDPM's information and use in relation to the proposed redevelopment of the college premises at Woodlands Meed College, Burgess Hill.

Atkins Ltd assumes no responsibility to any other party in respect of or arising out of or in connection with this document and/or its contents.

This document has 23 pages including the cover.

Document history

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1. Introduction

Atkins Ltd has been engaged by Atkins EDPM to evaluate the site wide utility constraints for the proposed development site to accommodate the proposed new Woodlands Meed College, adjacent to the existing Birchwood Grove Community Primary School within Burgess Hill.

It is understood that the proposed redevelopment of the college is to be located on existing soft play areas located to the west of the existing Newick School building which is intended to be demolished. The proposed new college premises will increase the maximum number of students by 30, increasing the total student capacity to 130. The area currently occupied by the existing premises is to be redeveloped and used for car parking.

The development site itself is located in Burgess Hill and is bounded to the south east by the Birchwood Grove County Primary School, to the south by the existing residential area known as Bough Beeches and to the north west by the residential area known as Birchwood Grove Road. The development land is bounded to the south west by the residential properties of Shearing Drive.

The site location, existing and proposed layout are shown on the plans provided by Atkins EDPM, appended to this report.

This report details the utility constraints identified on and around the proposed development site and is based on the results of the utility search carried out by Atkins under reference 77317. The report proposes methodologies to overcome the utility constraints in order to facilitate the proposed new development.

It is understood that Atkins EDPM require preliminary guidance on the methodologies and costs associated with any diversions and disconnections required in order to clear the site of utility constraints to enable the works to take place.

In addition, it is understood that Atkins EDPM require information pertaining to available capacity to support the additional loads of the proposed development.

This report will:

- Determine the existing constraints on the site created by the utilities shown on the utility plans procured.
- Propose a strategy for removing any constraints from the development.
- Include estimated elemental costs for any diversionary works and disconnections deemed required.
- Include information procured from the regional utility network operators regarding the availability of capacity.

Any reference made herein to the “site plan” or “site layout” refers to the plan provided by Atkins EDPM appended to this report, in particular:

- *Woodlands Meed College Existing Site Plan E03707.SK.01.*
- *Woodlands Meed College Proposed Site Plan Option 1A E03707.SK.03.*
- *Location Plan Woodlands Meed College Drawing number: DP/V 2513/3 DRAFT*

The utilities that fall within the scope of this report include high voltage (HV) and low voltage (LV) electricity, low pressure (LP) and medium pressure (MP) gas, telecommunications, potable water and sewer water mains.

Assumptions

A brief desktop study indicates that the current land use of the proposed development site is as a playing field. The existing school buildings located to the north east of the proposed new site are to be demolished with the land to be redeveloped to provide car parking for the new college.

When procuring information in relation to utility network capacity, the information used as a basis for utility demands for the domestic units is based on standard loadings for gas heated residential dwellings. In general, these figures are standard and will be applied by the relevant utility companies when considering their network capacity.

In respect of the non-domestic element of the scheme, the information used as a basis for any utility demands is based on the following loading figures, estimated by Atkins:

- Electric – 350kW
- Gas – 530kW/hour peak
- Surface water flow – 9l/s (provided by Dr.Sam Bray- Senior Consultant, Atkin Infrastructure)

Basis of Cost

Any costs detailed within this report that have been indicated by Atkins and not procured from the utility companies will be ‘Elemental Estimated Budget Costs’ only. They are formed with reference to quotations received from Distribution Network Operators (DNOs) on previous projects of a similar nature.

Exclusions

All elemental budget costs exclude VAT unless otherwise stated. Elemental estimated budget costs exclude service disconnections, diversions and lowering unless otherwise stated. Estimated costs exclude the cost of any sewer diversions and disconnections.

The following utilities returned an “affected” response to the Utility Search carried out under reference 77317, however their apparatus is outside of the site boundary or is outside the scope of this report:

- Environment Agency - The Environment Agency is classed as a statutory undertaker for certain purposes, they do not generally have any apparatus located within the public highway. It may be necessary to obtain an environmental permit if works are to be carried out in, under, over or near to a main river, flood or sea defence.
- GTC – GTC have embedded gas and electric networks located within the residential development known as Folders Meadow to the south west and outside the new college location.
- LinesearchbeforeUdig – UK Power Networks and Southern Gas Networks identified as affected. Please see appropriate section within this report
- Utility Assets – Outside the scope of this report.
- West Sussex County Council – West Sussex County Council have existing street lighting columns and street furniture, Managed by SSE Enterprise, located within Birchwood Grove Road which is outside the scope of this report.

2. Electricity

UK Power Networks (UKPN)

Existing Infrastructure & Constraints

- **Substations / Transformers**

UKPN records indicate a ground mounted 11kV substation, known as Birchwood Grove School 502421, located to the south of the public bridleway which runs east away from the junction of Birchwood Grove Road and Wykeham Way.

- **Buried & Overhead Cables**

Records received from UKPN indicate a 95mm High Voltage (HV) cable located within the northern footway of Wykeham Way. This HV cable crosses to the southern footway at a point adjacent to No.14 Wykeham Way where the HV cable continues south within the footway to the junction with Birchwood Grove Road where it turns east and runs up the bridleway and in to the existing substation.

UK Power Networks records indicate two 185mm Low Voltage (LV) cables exiting Birchwood Grove Substation. One LV cable runs north within the eastern footway of Wykeham Way with the second LV cable running south east within the southern footway of Birchwood Grove Road and crossing the access and exit ways in to the existing school areas. This LV cable runs south east where it connects to a section of LV overhead line which provides overhead service connections to existing properties on both sides of Birchwood Grove Road.

Records show a 300mm LV cable exiting the substation compound and running south through the school grounds and along the eastern footway of the access road to Birchwood Grove Primary School, before running east and terminating within the eastern side of the school building.

UK Power Networks records do not indicate the position or route of the supply to Newick House School which indicates that either the school is supplied internally from Birchwood Grove Primary School, or that the route of the service connection is unknown. It is recommended that discussions are held both with UK Power Networks and the local education authority to determine the source and location of the supply to Newick House School. It is recommended that a GPR Survey to PAS 128 Standard is carried out to locate the service cable or cables along with the use of trial holes where necessary. However, it is apparent that Google street view appears to show a second underground supply connected from the pole outside the school on Birchwood Grove Road, although it is not clear if this provides a supply into the school, it is a possibility that it does. This would be a good first check for any survey being conducted to ascertain how the school supply is derived.

Records indicate an abandoned LV cable located within the open green space to the east of the internal school access road along with the existence of UK Power Networks apparatus within the residential areas to the north, east and south of the proposed new college site.

Methodology to overcome Constraints

To demolish the existing school building it will be necessary to disconnect the existing service connection. Although currently, it is not clear how the Newick House School is supplied a cost as been included below for standard single-phase disconnection works.

Whilst records received from UK Power Networks indicate that no existing apparatus is in conflict with the proposed new Woodlands Meed College building, it is recommended that an investigation is carried out to determine the location and route of the existing electricity service to the Newick House School. It is recommended that a GPR Survey to PAS 128 Standards is carried out to locate the electric service connection along with the use of trial holes where deemed necessary. Alternatively, the developer may wish to request that UK Power Networks survey the cable route as part of their process in raising of an electricity supply cable disconnection quotation for the existing Newick School.

It is also worth noting that the existing electricity supply cable to Newick House School may be suitable for use as a temporary builder's supply. This would require UK Power Networks to alter the existing service cable position back to the boundary of the site for use by the site team whilst developing. This would require the developer to construct a temporary enclosure to UK Power Networks standards at a suitable position at the site boundary with Birchwood Grove Road.

New Supplies & Capacity

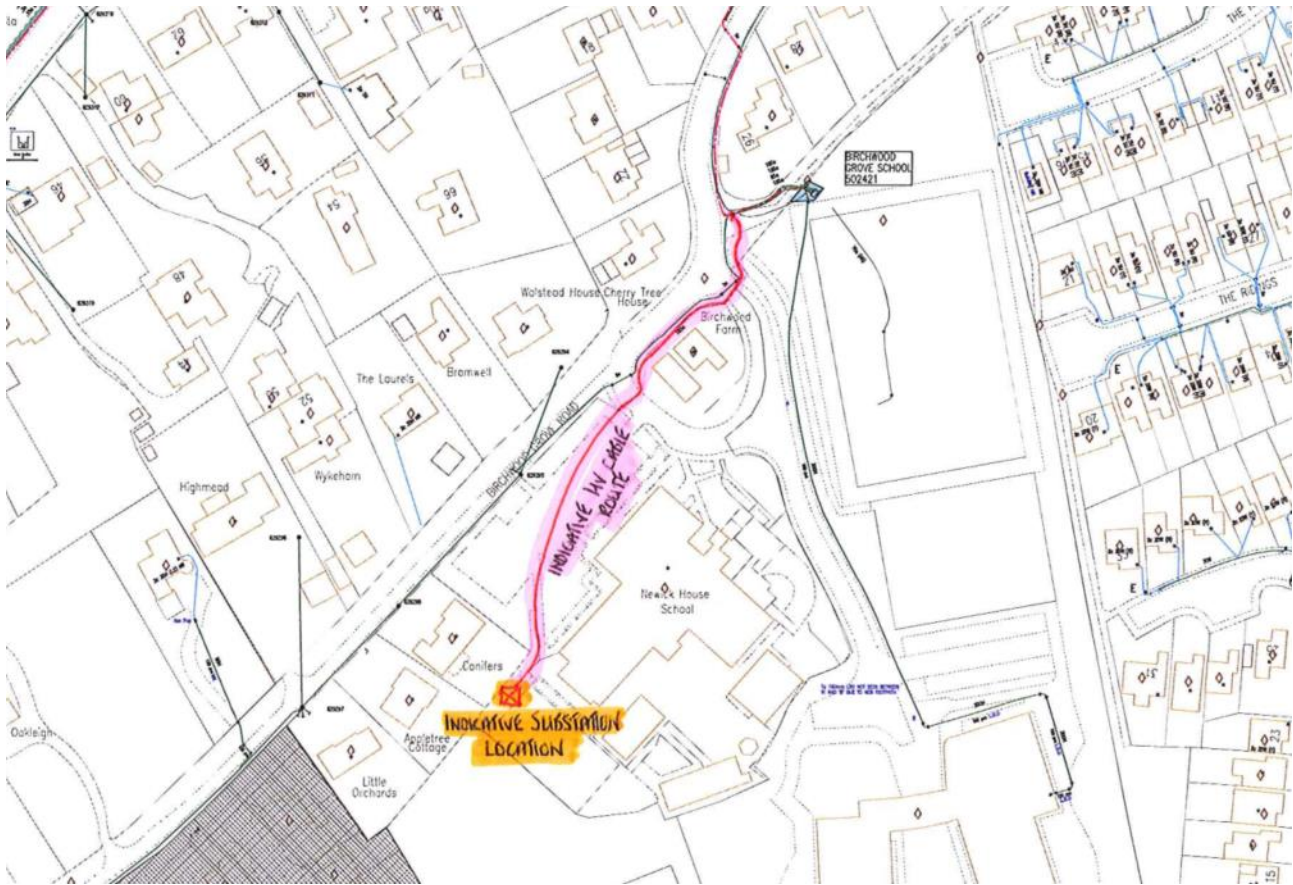
An application has been made to UK Power Networks to carry out an assessment of their network with a view to supporting the proposed loads of the new development.

UK Power Networks have responded, under reference 8500123296 appended to this report, and although they have not provided comment on the capacity available within the existing LV network, they have provided a budget estimate to provide new connections to the proposed new college premises.

The budget estimate provided by UK Power Networks is for £85,000 exclusive of VAT and includes for the supply and installation of a 500kVA package substation adjacent to the new college premises and a new LV supply. The connection offer is based on the provision of a maximum connected capacity of 350kVA and with all on-site excavation and reinstatement being carried out by the developer.

Additional costs may be applied for any off-site reinforcement works required to support the development. These costs will be determined during a network study which will be carried out during the preparation of a formal connection offer.

Please see below indicative drawing showing the HV cable route and 11kV substation position.



Estimated / Budget Costs

Description of Woks	Cost Estimate	Source
Off-site HV works, on-site lay only and provision of 500kVA substation to provide 350kVA LV supply	£85,000.00	UKPN
Diversion works.	None required	Atkins
Disconnection of LV service to Newick House School.	£1,000.00	Atkins

Assumed depth of electric apparatus: LV = 450mm, HV 11kV = 600mm or lower

Based on NJUG Volume 2.

3. Gas

Southern Gas Networks (SGN)

Existing Infrastructure & Constraints

- **Buried Pipework**

Records received from SGN indicate an existing 180mm Polyethylene (PE) Medium Pressure (MP) gas main located within Folders Lane to the south of the Folders Meadow residential area and outside of the proposed Woodlands College development site.

SGN records indicate the existence of a 90mm PE Low Pressure (LP) gas main, encased in a 4" Cast Iron (CI) pipe running south, within the eastern footway, of Wykeham Way. This 90mm PE LP gas main continues within the northern verge/footway of Birchwood Grove Road, encased in a 100mm Ductile Iron (DI), towards the junction of Birchwood Grove Road and Folders Lane.

Records received indicate a 90mm PE LP gas main, enclosed within 4" Polyvinyl (PV) pipe crosses Wykeham Way, adjacent to No.20 Wykeham Way to a point adjacent to the Bridleway where it then runs south in to the existing school grounds. The records indicate this gas main terminates just inside the school grounds boundary. A desktop search using Google Earth indicates that there is a brick-built cubicle located at the school boundary which may contain the gas meter associated with the gas supply to Birchwood Grove Community School. Further investigation is required to determine the location of this gas meter and also to determine the route of the private gas service running within the school ground to Birchwood Grove Community School to determine whether this service will be affected by the proposed Woodlands Meed College construction works.

SGN records indicate an existing 90mm PE LP gas service entering the school grounds at a point south west of the existing exit road. This 90mm LP gas main provides a connection to the existing Newick House School. This gas service will require disconnection at the school boundary prior to any works being carried out to demolish the existing Newick House School premises.

Methodology to overcome Constraints

Records received from SGN indicate that it will be necessary to disconnect the existing 90mm LP gas service running off Birchwood Grove Road in to Newick House School to accommodate the demolition of the existing premises. It is recommended that this gas service is disconnected at the school boundary to enable the works to construct the proposed new car parking facilities to go ahead unhindered. A cost has been included in the below table for gas service disconnection works.

Please note that additional costs may also apply for both the internal gas pipework purging and the disconnection of the school's gas meter. Costs for these services can vary based on the length of internal

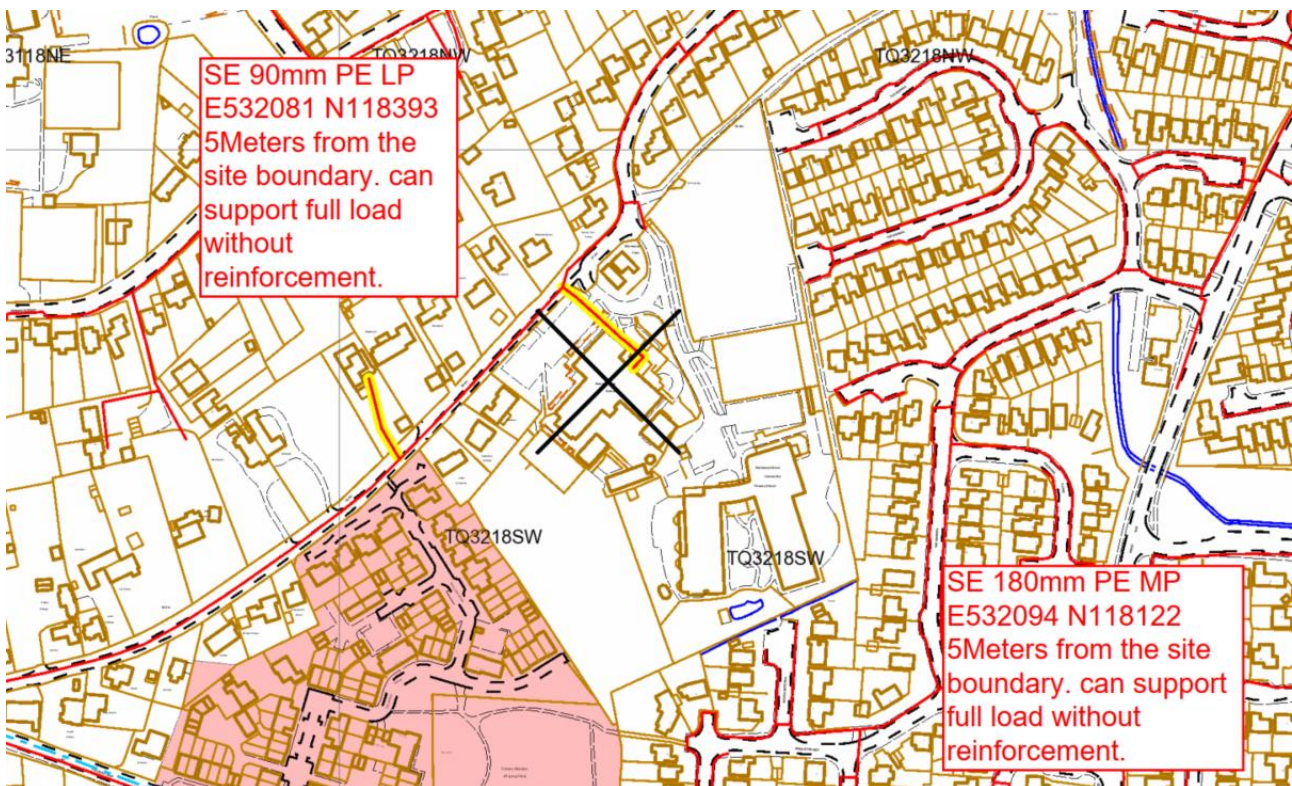
pipework to be purged, who completes the purging works and who the gas shipper/supplier is for the school. Therefore, due to lack of current information a budget cost for these works is not provided in the table below.

It is also recommended that the developer determines the route of the private gas service running within the school grounds to Birchwood Grove Community School to establish whether this service will be affected by the proposed Woodlands Meed College construction works. It is recommended that a GPR Survey to PAS 128 Standard is carried out to locate the gas service apparatus along with the use of trial holes where necessary.

New Supplies & Capacity

A land enquiry application has been submitted to SGN to carry out an assessment of their local gas distribution network and advise whether there is sufficient capacity to support the proposed loads expected to be required for the new development. Loads used for the purposes of the application were a peak gas demand of 530 kW/hour and an expected annual quantity (AQ) in the region of 550,000 kWh's.

SGN have responded, by e-mail dated 6th July 2019 under reference L19147987, appended to this report, to state that it is likely that there is sufficient capacity available within the existing 90mm PE LP gas main located approximately 5m from the site boundary. In addition, SGN also comment that it is also likely that there is sufficient capacity available within the existing MP gas network located to the south of the site within Folders Lane. Below is an extract of the SGN mapping system for the local area which was provided as part of their response.



Please note, the Southern Gas Network response reflects the capacity availability within their existing gas distribution network at the time of application only. It is not a guarantee of future capacity availability due to the changing dynamics of the gas network.

Estimated / Budget Costs

Description of Woks	Cost Estimate	Source
Diversion of existing SGN gas apparatus.	None required.	Atkins estimate
Disconnect existing 90mm PE gas service to Newick House School.	£5,000.00	Atkins estimate

Assumed depth of Gas apparatus = 600mm or lower

Based on NJUG Volume 2

4. Water

South East Water

Existing Infrastructure

- **Buried Pipework**

Records received from South East Water indicate an existing 6" Polyvinyl Chloride Un-plasticised potable water main located within the southern footway/carrageway of Wykeham Way. The PVCU main runs south west to the junction with Birchwood Grove Road where it continues to run south west, within the southern carrageway/verge of Birchwood Grove Road crossing the existing college and school entrance.

Records received indicate a washout and fire hydrant located off the existing 6" PVCU main to the east of the existing School entrance. The records received do not indicate the location of the potable water service to either the Newick House School building or Birchwood Grove County Primary School. It is recommended that discussions are held with South East Water and the local education authority to determine the routes of the existing water services. It is recommended that a GPR Survey to PAS 128 Standard is carried out to locate the water service apparatus along with the use of trial holes where necessary.

South East Water records indicate an abandoned 3" water main of unknown material located within the area of verge on the northern side of Birchwood Grove Road. Records also indicate the existence of potable water mains within the residential areas located to the north, south, east and west of the proposed new college site.

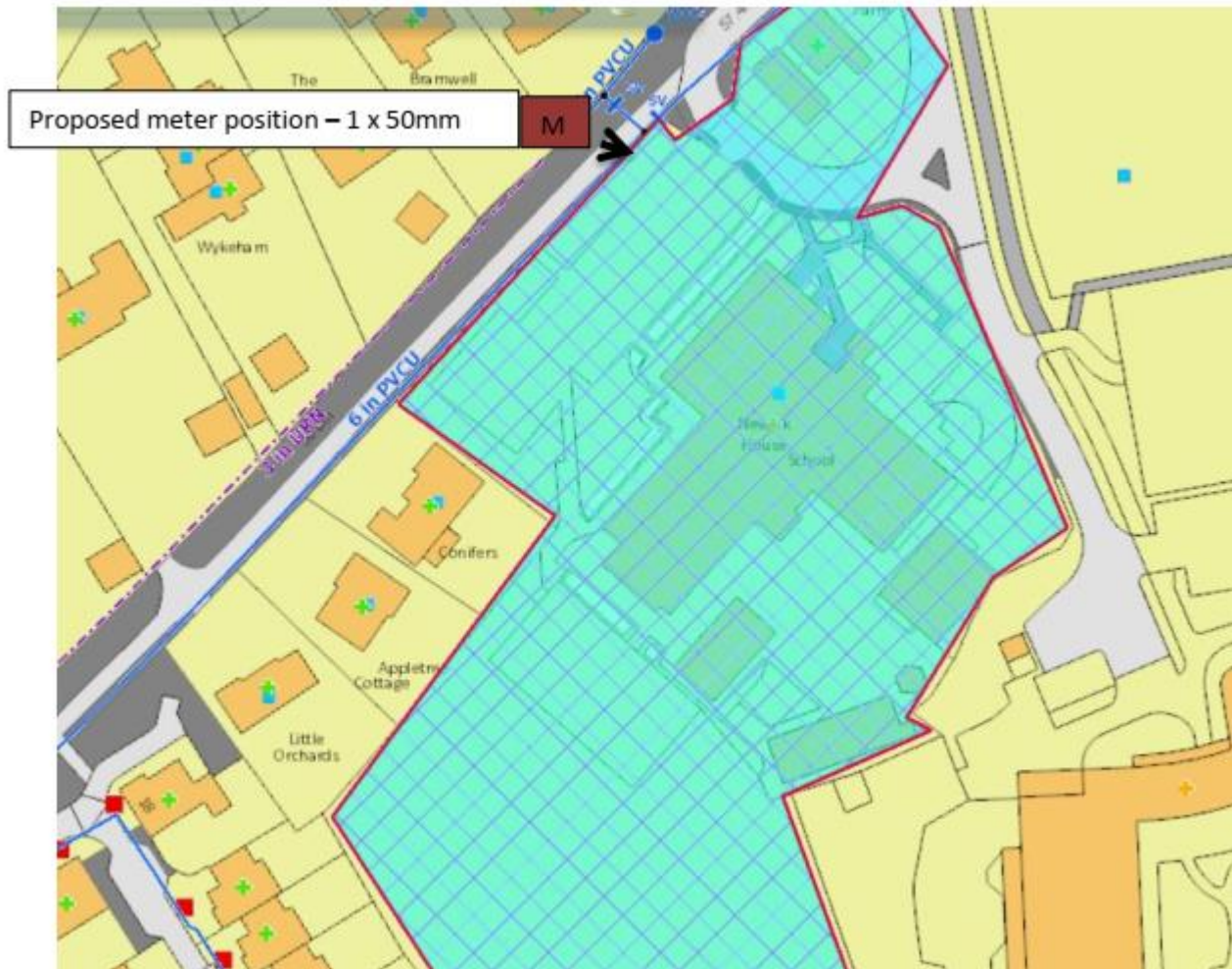
Methodology to overcome Constraints

Having studied the proposed site layout against the existing utility plans received from South East Water no existing potable water apparatus is shown to be located within the site of the proposed new college development. However, as potable water service connections are not shown on the plans received, it is recommended that discussions are held with South East Water and the local education authority to determine the routes of the existing water services. It is recommended that a GPR Survey to PAS 128 Standard is carried out to locate the water service apparatus along with the use of trial holes where necessary. It will also be necessary to disconnect the existing water connection to allow demolition of the existing Newick House School premises.

The developer may also wish to consider using the existing water supply as a temporary builders supply for use while developing the site. This would require the existing supply to be traced and altered back to a position at the site boundary. The developer would be required to provide a suitable enclosure for the supply to be housed and to agree the position with South East Water. If this was required the developer would save the cost of disconnection.

New Supplies & Capacity

An enquiry has been raised with South East Water to consider the capacity available in their potable water network with regards to demand generated by the proposed new development of Woodlands Meed College. South East Water have responded, under reference NARS 14584 appended to this report, and provided an estimate to provide a new 50mm potable water service and detailed a location for a proposed point of connection to the proposed new college. The connection to the existing South East Water potable water network is based on an estimated required flow rate of 1.5 l/s.



Please note, the South East Water response reflects the capacity availability within the existing potable distribution network at the time of response only. It is not a guarantee of future capacity availability due to the changing dynamics of the local potable water mains distribution network.

The cost estimate to provide the development with a single 50mm connection is £3,965.15 inclusive of VAT and includes infrastructure charges based on the requested flow rate of 1.5 l/s of £2,981.72 as the 50mm connection is deemed as a non-standard connection. In addition to the water infrastructure charges, sewerage infrastructure charges may be payable to the local sewerage network operator.

South East Water's responsibility terminates at the at the boundary of the street where the existing water main is located, it is the responsibility of the developer to install the private supply pipe from the meter chamber to the intake location within the proposed new college premises.

The estimated cost includes for South East Water to connect the proposed service to the private supply pipe and reinstatement of the public highway or footway to local authority specification.

Estimated / Budget Costs

Description of Woks	Cost Estimate	Source
New potable water service connection.	£3,965.15	South East Water
Diversion of existing water apparatus.	None required.	Atkins
Disconnect existing water service connection to Newick House School.	£1000.00	Atkins

Assumed depth of Potable Water mains = 750mm – 900mm or lower

Based on NJUG Volume 2.

5. Sewer

Southern Water

Existing Infrastructure & Constraints

- **Buried Pipework**

Records received from Southern Water do not indicate the existence of any foul or surface water sewer apparatus within the grounds of Newick House School or Birchwood Grove County Primary School. The records indicate that there are no foul or surface water apparatus located within Birchwood Grove Road to the north of the school grounds with the nearest foul water network indicated to be located within Wykeham Way to the north of the proposed Woodlands Meed College site. Southern Water records also indicate existing foul water sewer apparatus located at the western end of Birchwood Grove Road east of the junction with Folders Lane.

It is recommended that further investigations are carried out in conjunction with Southern Water and local authorities to determine whether the foul and surface water sewers located within the Birchwood Grove Road and adjacent to the existing school grounds are privately owned and feed in to the Southern Water sewer networks located within the Birchwood Grove Road and Wykeham Way areas as detailed within the network records provided.

Methodology to overcome Constraints

The records received do not indicate that the proposed new Woodlands Meed College is in conflict with any existing Southern Water foul or surface sewer apparatus. However, due to the lack of detail within the network sewer records it is recommended that further investigation is carried out on site to trace the location and route of any private sewer apparatus.

Furthermore, it is assumed that any private or unrecorded sewer connections or apparatus serving the existing Newick House School that may require disconnections or alterations will be considered as part of the drainage engineers remit. This report therefore does not include information on sewer diversions or alterations

New Supplies & Capacity

An application has been made to Southern water to determine whether capacity is available within their existing foul and surface water networks to accommodate the flow of foul and surface water from the proposed new college development.

Southern Water have responded, under reference PDE-111791, appended to this report. Southern Water have indicated that based on the information currently available and initial investigation, that there is currently adequate capacity in the local sewerage network to accommodate the foul flow from the proposed development at or downstream of manhole reference TQ32181102 which is located within Folders lane to the south of the proposed development site.

Following initial investigation, Southern water have indicated that there is currently adequate capacity in the local surface water network to accommodate a surface water flow of 9l/s for the proposed development at surface water manhole reference TQ32181154 located within Folders Meadow to the south of the development.

Any excess surface water flows should be disposed of by alternative methods such as soakaways or to local drainage watercourses, subject to the approval of all interested parties. Although the initial assessment indicates there is capacity available for the proposed surface water flows the Local Lead Flood Authority (LLFA) may request or impose that a reduced flow rate is discharged to the local public surface water sewer.

If any excess surface water flows are to be attenuated on site, any attenuation proposals will need to be agreed with Southern Water. The information provided is based on a hydraulic assessment of the existing sewerage network only and does not provide permission for a connection to the local public sewerage network. A formal S106 connection application is required and approval by Southern Water obtained prior to any sewerage connection works.

Assumed depth of Sewer mains = 750mm – 900mm or lower

Based on NJUG Volume 2.

6. Telecommunications

Openreach

Existing Infrastructure

- **Buried & Overhead Cables**

Records received from Openreach indicate existing overhead apparatus, underground ductworks and associated chambers located within southern verge of Birchwood Grove Road. Records indicate existing underground apparatus and associated chambers located within both footways of Wykeham Way which run south towards the existing college access off Wykeham Way/Birchwood Grove Road.

Records show the existence of 3No. Openreach chambers, one located to the east of the existing school entrance, one located to the west of the entrance and a third chamber outside the premises identified as Birchwood Farm. Openreach records indicate underground ductworks running from the chambers located to the east and west of the entrance providing connection to the existing premises and to an additional chamber located on the eastern side of the internal school access road, which is indicated on the plans as providing connections to proposed chambers located just north of the Birchwood Grove County Primary School. It is likely that these proposed chambers and ductworks are already installed.

Openreach records indicate 3No. service connections to Newick House School premises, one overhead and two underground, off the existing network within Birchwood Grove Road.

Records also indicate the existence of Openreach networks within the residential areas to the north, south, east and west of the proposed new college site.

Methodology to overcome Constraints

It is not considered that any alterations to Openreach apparatus will be necessary in order to facilitate development proposals. This is on the basis that no Openreach apparatus appears to be at conflict with proposed new college location.

However, it will be necessary to disconnect the existing Openreach service connections to the existing Newick House School premises. Usually, overhead services are disconnected free of charge but there will likely be a cost associated to disconnect the underground services. For the purposes of this report an elemental estimate of the disconnection cost is given within the table below

Estimated / Budget Costs

Atkins has raised a land enquiry with Openreach regarding the availability of capacity in their network to support the proposals of the scheme.

BT Openreach have provided a response via e-mail dated 3rd July 2019 May, under reference 9964-61836 appended to this report, which states that Openreach can provide the proposed development with Fibre with

Openreach contributing £1000/plot of the cost. Any costs over and above this will be payable by the developer.

Fibre to the Premises provides estimated speeds of up to 1Gbps enabling the best communications experience.

Description of Works	Cost Estimate	Source
Openreach fibre connection to new college premises	To be confirmed.	Openreach
Diversion of Openreach apparatus	None required	Atkins
Disconnections	£2000.00	Atkins.

Virgin Media

Existing Infrastructure

- **Buried & Overhead Cables**

Records received from Virgin Media indicate existing underground apparatus and associated chambers located within the northern footway/verge of Birchwood Grove Road, the underground network runs north east and into Wykeham Way where it is located within both the northern and southern footways. The records also indicate the existing Virgin Media ductworks crossing south over Birchwood Grove Road, at a point adjacent to provide underground service connections to the residential premises known as the Conifers, Appletree Cottage and Little Orchards.

Virgin Media records indicate the existence of an underground ducted network crossing Birchwood Grove Road south of Walstead House and running in to the existing college and school site where it runs south along the western side of the existing on-site access roadway providing a connection to the existing college premises and also to Birchwood Grove Primary School.

Virgin Media records received indicate the presence of existing underground apparatus and associated chambers located within the residential areas known as Ryeland Road to the south west, Bough Beeches to the south and the Warren to the east of the proposed new college location.

Methodology to overcome Constraints

Works to provide access to the proposed new college location to the west of the existing Newick House School buildings will be in conflict with the existing Virgin Media underground apparatus located within the western side of the on-site access road to the existing Birchwood Grove Primary School. It will be necessary to divert, lower or protect the Virgin Media ductworks at the location of the new site access. In addition, it will also be necessary to disconnect the Virgin Media service to the Newick House School premises to accommodate demolition of the buildings. An elemental estimate for the diversionary and disconnection works is provided below.

Description of Woks	Cost Estimate	Source
Diversion/protection of existing Virgin Media apparatus.	£15,000.00	Atkins
Disconnection of service to Newick House School.	£1,500.00	Atkins.

Assumed depth of Telecommunications = 350mm or lower

Based on NJUG Volume 2

Appendices



Appendix A. Utility Responses

On following pages.

Mr P Williams
Atkins
The Hub
500 Park Avenue
Aztec West
Bristol
BS32 4RZ

9th July 2019
Our Ref: 8500123296

Dear Mr Williams,

Site Address: Woodlands Meed College, Beechwood Grove Road, Burgess Hill, West Sussex RH15 0DP.

Thank you for your recent enquiry regarding the above premises. I am writing to you on behalf of South Eastern Power Networks PLC the licensed distributor of electricity for the above address trading as UK Power Networks.

I am pleased to be able to provide you with a budget estimate for the work. It is important to note that this budget estimate is intended as a guide only. It may have been prepared without carrying out a site visit or system studies. No enquiry has been made as to the availability of consents or the existence of any ground conditions that may affect the works. It is not an offer to provide the connection and nor does it reserve any capacity on UK Power Networks' electricity distribution system.

1. Budget estimate

The budget estimate for this work is: **£85,000.00** (exclusive of VAT) if the Point of Connection (POC) is to the high voltage network along Beechwood Grove Road. This is to provide a connection at 400volts.

This budget estimate is to provide a high voltage supply to a new substation on the site and to provide a 800amp fuseway as per the attached drawing. This is based on the load requested not exceeding 350kVA, all the excavation and reinstatement on the site being carried out by your contractors.

Additional costs may be required for off-site reinforcement. This will be decided by the results of a network study, which will be carried out during preparation of the formal quotation. The price would depend on site conditions, on obtaining any necessary legal consents, traffic management requirements, final load details, site layout and the route of our incoming cable(s).

It will be necessary to establish a new totally enclosed substation on the development site, in situations where a standard GRP substation enclosure can be used, an area of land of at least 4m x 4m will be required. If, however, you prefer to construct a brick substation then an area of land of at least 5m x 5m will be required. Planning Permission, although not required for a GRP substation, will be required for a brick built enclosure, and it will be your responsibility to obtain this.

The substation must be located such as to minimise the need for the manual handling of heavy plant. The Manual Handling Operations Regulations 1992 require the use of mechanical handling whenever this reasonably practicable. To meet these regulations, we use a lorry-mounted crane to deliver substation plant. The project must therefore be planned to ensure that it is suitable for the delivery of plant from a large vehicle. The Construction (Design and Management) Regulations 2015 also require that consideration be given to the safe installation, maintenance and eventual removal of equipment. To comply with this legislation, we need to be able to gain access with a suitable vehicle throughout the life of the project.

2. Budget estimate assumptions

This budget estimate is based on the following assumptions:

- The most appropriate Point of Connection (POC) is as described above.
- A viable cable or overhead line route exists along the route we have assumed between the Point of Connection (POC) and your site.
- In cases where the Point of Connection (POC) is to be at High Voltage, that a substation can be located on your premises at or close to the position we have assumed.
- Where electric lines are to be installed in private land UK Power Networks will require an easement in perpetuity for its electric lines and in the case of electrical plant the freehold interest in the substation site, on UK Power Networks terms, without charge and before any work commences.
- Unless stated in your application, all loads are assumed to be of a resistive nature. Should you intend to install equipment that may cause disturbances on UK Power Networks' electricity distribution system (e.g. motors; welders; etc.) this may affect the estimate considerably.
- All UK Power Networks' work is to be carried out as a continuous programme of work that can be completed substantially within 12 months from the acceptance of the formal offer.

Please note that if any of the assumptions prove to be incorrect, this may have a significant impact on the price in any subsequent quotation. You should note also that UK Power Networks' formal connection offer may vary considerably from the budget estimate. If you place reliance upon the budget estimate for budgeting or other planning purposes, you do so at your own risk.

If you would like to proceed to a formal offer of connection then you should apply for a quotation, Please refer to our website http://www.ukpowernetworks.co.uk/internet/en/help-and-advice/documents/the_connection_process.pdf for '**The connection process**' which details our application process. To help us progress any future enquiry as quickly as possible please quote the UK Power Networks Reference Number from this letter on all correspondence.

If you have any questions about your budget estimate or need more information, please do not hesitate to contact me. The best time to call is between the hours of 9am and 4pm, Monday to Friday. If the person you need to speak to is unavailable or engaged on another call when you ring, you may like to leave a message or call back later.

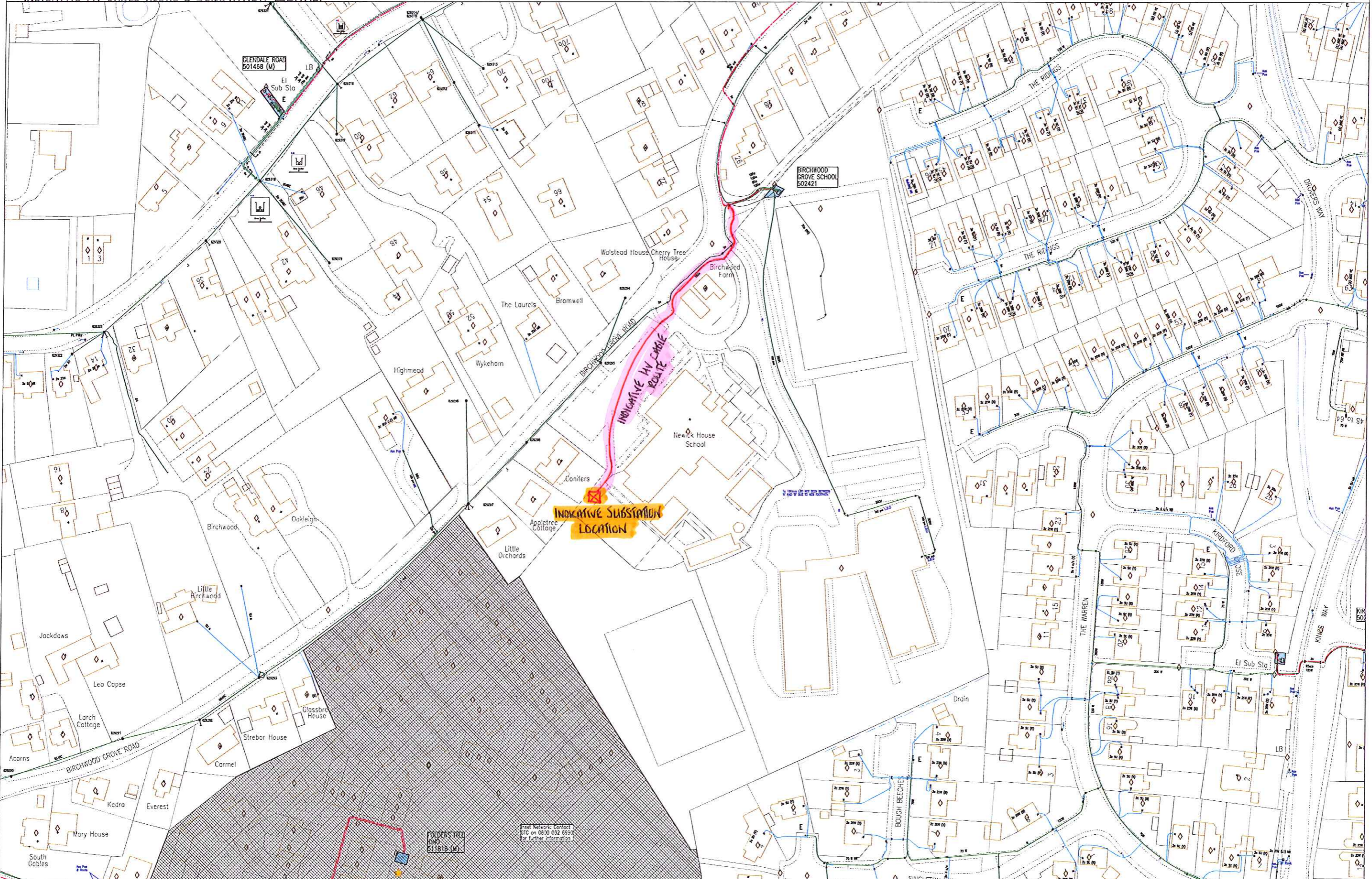
Yours sincerely



Trevor Cross
Prelims Project Designer
Tel: 01622 352331
Email: trevor.cross@ukpowernetworks.co.uk

Your feedback is important to us, and we would be grateful if you would complete a short questionnaire to tell us about the service that you have received in relation to this Budget Estimate. The customer relations team do contact a small number of customers by telephone as well. You can remain anonymous if you prefer when you provide this feedback. Please follow this [link](#) to complete the survey; it will take you only a few minutes. Thank you in advance for your help.

I will call you in a couple of days to ensure that you have received the Estimate and that it has met all of your requirements, however if you have any questions in the meantime please do not hesitate to contact me.



LV Cable or Line	—
HV Cable or Line	—
EdL Cable or Line	—
Approx. position	—
Boundary	—
Foot & Street Furniture	—
Substation & LV Box	—

1. The position of the apparatus shown on this drawing is believed to be correct but the original landmarks may have been altered since the original site plan was prepared.

2. The exact position of the apparatus should be verified - use approved cable evidence books prior to excavation using suitable 'rod' levels.

3. It is essential that all holes are carefully made avoiding the use of mechanical tools or picks until the exact location of all cables has been determined.

4. It must be ascertained that each property and item of street furniture has an electricity supply. Service cables shown only where they are known to exist.

5. All cables must be installed as being live unless proved otherwise by UK Power Networks.

6. All excavation should be done in full accordance with UK Power Networks plan & equipment. Do not use more than 3 months after the date of issue for excavation purposes.

7. Please be aware that all existing overhead lines or other forms of overhead electricity distribution systems may be present and it is your responsibility to identify their location.

1. UK Power Networks does not warrant that the information provided to you is correct. You rely upon it at your own risk.

2. UK Power Networks does not warrant that it is correct. It is your responsibility to ensure that you are not liable to a person where such death or personal injury is caused by its negligence.

3. You must be satisfied that UK Power Networks is the correct authority for the information provided. You must ensure that you are not liable to a person where such death or personal injury is caused by its negligence.

4. This plan has been provided to you on the basis of the terms of use set out in the covering letter that accompanies this plan. If you do not accept and/or do not understand the terms of use set out in the covering letter you must not use the plan and you must notify us in the manner of the cover.

5. You are responsible for the security of the information provided to you. It must not be given, sold or made available upon payment of a fee to a third party.

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Scale: 1:500
 Drawn on: 01/07/2019
 Printed by: Cross Team

UK Power Networks

Williams, Philip

From: Branagh, Matthew <Matthew.Branagh@sgn.co.uk> on behalf of SOE gtuip SGN <soe_gtuip_sgn@sgn.co.uk>
Sent: 06 July 2019 12:00
To: Williams, Philip
Subject: RE: Capacity Check - Proposed new college - Woodland Meed College, Burgess Hill, West Sussex, RH15 0DP
Attachments: Site.pdf

Good morning,

Please find attached plan showing the nearby SGN gas infrastructure.

Your SGN reference is L19147987

It is likely that no reinforcement is required to support your load. This means that there is capacity within the network to supply your proposed load.

As per the NP14 table, 63mm Pipes and smaller should be able to support a load of up to 920kWh before possible reinforcement. 90mm Pipes and larger should be able to support a load of up to 1733kWh before possible reinforcement.

Land enquiries provide a understanding of local distribution networks <7bar, the effect of proposed loads on >7bar networks are not examined during this procedure.

A source pressure of 26mbar would be offered at the connection point of Low Pressure parent main.

If you require more detailed information you will need to submit an application for a Quotation. My department does not provide quotations or Budget Estimates, for new lay or alterations to gas infrastructure, the use of any GIRS registered company currently operating within Southern Gas Networks foot print can be employed for these works. A list of such companies can be found on Lloyds register web site, <http://www.lloydsregister.co.uk/schemes/girs/providers-list.aspx>

If you choose to use a third party from the Lloyds register, I would recommend using one accredited for connections, Design and project management.

Many Thanks,

Matty Branagh

Third Party Connections

T: 01293 818 252 (Int: 38252)

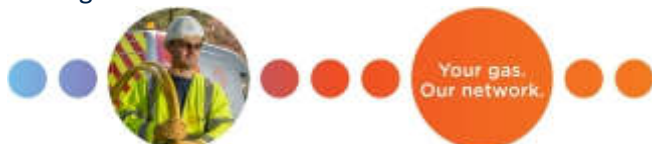
E: Matthew.Branagh@sgn.co.uk

SGN, St Lawrence House, Station Approach, Horley, RH6 9HJ

sgn.co.uk

Find us on [Facebook](#) and follow us on Twitter: [@SGNgas](#)

Smell gas? Call 0800 111 999



PLEASE NOTE:- SGN have revised their Connections Service Charges with effect from the 18th June 2018. These new rates are available to view at the following location:

<https://www.sgn.co.uk/Our-Services/SGN-Connections-Charges/>

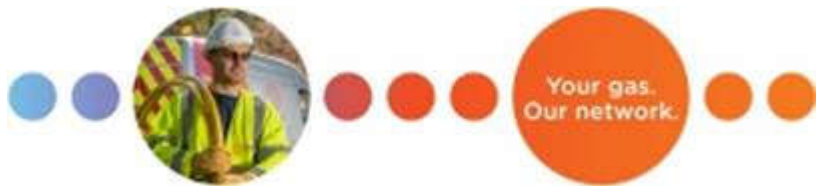
From: Candlish, Darren **On Behalf Of** GT1 GT2 Process/SGN
Sent: 03 July 2019 10:08
To: SOE gtuip SGN <soe_gtuip_sgn@sgn.co.uk>
Subject: FW: Capacity Check - Proposed new college - Woodland Meed College, Burgess Hill, West Sussex, RH15 ODP

Good Morning

Please find attached a land enquiry request that has been sent to the GT1 inbox.

Regards

Darren Candlish
Industry Codes & Investigations (ICI) Admin Assistant
T: 0800 975 1346 Option 4
E: darren.candlish@sgn.co.uk
SGN, Axis House, 5 Lonehead Drive, Newbridge, EH28 8TG
sgn.co.uk
Find us on [Facebook](#) and follow us on Twitter: [@SGNgas](#)



Smell gas? Call 0800 111 999
[Find out how](#) to protect your home from carbon monoxide

From: Williams, Philip <Philip.Williams3@atkinsglobal.com>
Sent: 02 July 2019 15:25
To: GT1 GT2 Process/SGN <gt1.gt2@sgn.co.uk>
Subject: Capacity Check - Proposed new college - Woodland Meed College, Burgess Hill, West Sussex, RH15 ODP

WARNING: The sender of this email is from an external organisation.
Please do not open any attached files or click links if it's not expected.

Good morning,

Please can you carry out a capacity check (land enquiry) to determine whether there is sufficient gas capacity available within your existing gas distribution network to provide a new connection to the proposed new college development. The full address of the new college is:

Woodland Meed College
Birchwood Grove Road
Burgess Hill

West Sussex
RH15 0DP
OSGR: 532139,118380

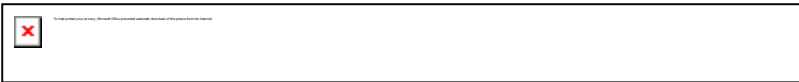
The proposed new college will be constructed within the area of the existing college building following demolition of the current structure. The new college building will require a gas connection capable of providing a peak gas demand of 530 kW/hour peak with an expected AQ in the region of 550,000 kWh's.

If you require any further information please do not hesitate to get in touch.

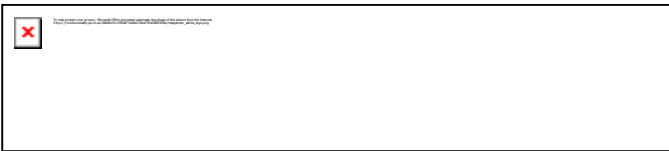
Phil Williams

Utility Consultant, Utility Solutions, Infrastructure
UK & Europe
Engineering, Design and Project Management

 +44 1454 663493  +44 7776 328901



The Hub, 500 Park Avenue, Aztec West, Bristol, BS32 4RZ



Company    

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Unless specifically stated otherwise, emails and attachments are neither an offer capable of acceptance nor acceptance of an offer and do not form part of a binding contractual agreement.

Emails may not represent the views of SGN. Please be aware, we may monitor email traffic data and content for

security and staff training.

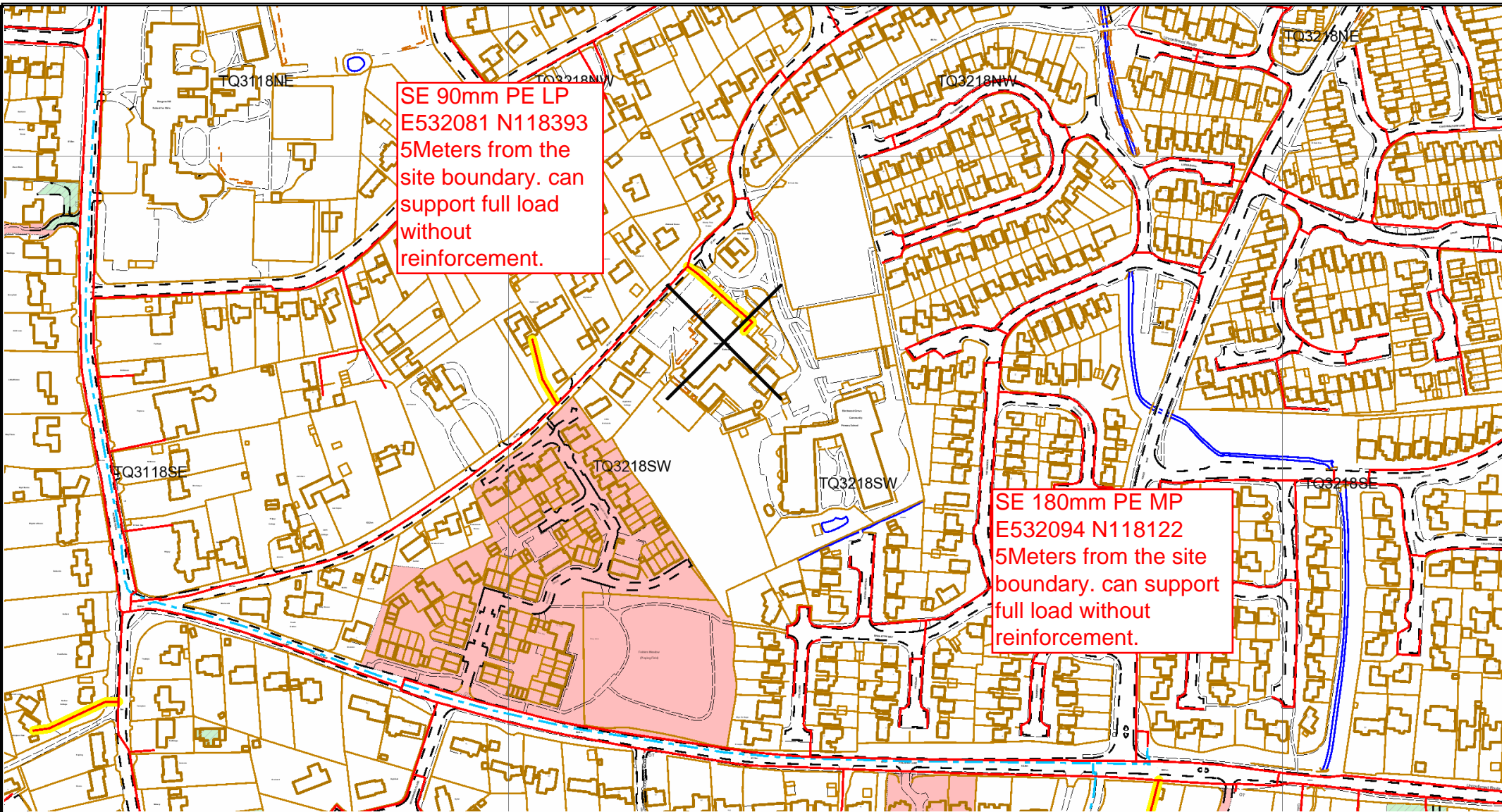
SGN is a registered trade mark and is the brand name for the companies with this Scotia Gas Networks group of companies.

Scotia Gas Networks Limited (company registration number 04958135) and all of its subsidiaries, except for Scotland Gas Networks plc are registered in England and Wales and have their registered office address at St Lawrence House, Station Approach, Horley, Surrey RH6 9HJ.

Scotland Gas Networks plc (company registration number SC264065) is registered in Scotland and has its registered office address at Axis House, 5 Lonehead Drive, Newbridge, Edinburgh EH28 8TG

SE 90mm PE LP
 E532081 N118393
 5Meters from the
 site boundary. can
 support full load
 without
 reinforcement.

SE 180mm PE MP
 E532094 N118122
 5Meters from the
 site boundary. can
 support
 full load without
 reinforcement.



SCALE : 1 : 3446
 USER ID : MB63423
 DATE : 06/07/2019
 INTERNAL USE ONLY
 GRID REFERENCE :
 E532159,N118336,TQ 32 18

LP MAINS	
MP MAINS	
IP MAINS	
LHP MAINS	
HISTORY DATA	
LAs	
GTs	
SSSIs	


This plan shows the location of those pipes owned by Scotia Gas Networks (SGN) by virtue of being a licensed Gas Transporter (GT). Gas pipes owned by other GTs or third parties may also be present in this area but are not shown on this plan. Information with regard to such pipes should be obtained from the relevant owners. No warranties are given with regard to the accuracy of the information shown on this plan. Service pipes, valves, siphons, sub-connections etc are not shown but their presence should be anticipated. You should be aware that a small percentage of our pipes/assets may be undergoing review and will temporarily be highlighted in yellow. If your proposed works are close to one of these pipes, you should contact the SGN Plant Protection Team on 08450703497 for advice. No liability of any kind whatsoever is accepted by SGN or its agents, servants or sub-contractors for any error or omission contained herein. Safe digging practices, in accordance with HS (G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that plant location information is provided to all persons (whether direct labour or sub-contractors) working for you on or near gas apparatus. Information included on this plan should not be referred to beyond a period of 28 days from the date of issue.

Intranet WebGIS 2.1

 West Sussex County Area

Some examples of Plant Items	Depth of Cover	Diameter Change	Material Change
Valve	Syphon		

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Phil Williams
Atkins
The Hub
500 Park Avenue
Aztec West
Almondsbury
Bristol
BS32 4RZ

13/08/2019
NARS 14584
Direct dial 01634 276114
Hunt group 03330000060

Catherine.asprey@southeastwater.co.uk
Developer.services@southeastwater.co.uk

Dear Phil Williams

1x New Service - Woodlands Meed College, Birchwood Grove Road, Burgess Hill, West Sussex, RH15 0DP

Further to your letter concerning the provision of 1 No New 50mm service to provide a flow rate of 1.5 l/s the above site. .

I would advise you that the Company's responsibility terminates at the boundary of the street in which the main is laid therefore it would be for you to arrange for the private supply pipe to be laid from the property to this point (highway boundary) and inspected in open excavation, prior to the Company carrying out their part of the work.

To clarify the situation I have enclosed a copy of our O/S record plan depicting in blue the approximate position of the Company's main and the point to which the Company can provide the supply has been shown in red. Should this not be a convenient position for the new service, please indicate your preferred position on the plan and return to us.

Assets Report

For your information, our statutory minimum levels of service for a domestic supply is 9 l/m (0.15 l/s) at a pressure of 10m.H. (~1bar) at the stopcock situated at the highway boundary and we recommend all systems are designed to cope with this.

Please find below the quotation for providing a new service to supply the property. Also included within the quotation is the relevant infrastructure charge. For your information, service connections are subject to an

Developer Services: 0333 000 0060
24 hour emergencies: 0333 00 00 365
Web: southeastwater.co.uk

South East Water Ltd Registered in England No. 2679874
Registered Office: Rocfort Road, Snodland, Kent ME6 5AH

Pure knowh₂ow

infrastructure charge designed to fund the cost of developing new resources to meet future demands as they arise. A breakdown of the costs are shown on the next page.

Breakdown of charges

Administration charge

Admin Charge	£	35.43
--------------	---	-------

Connection

Total costs of new connections		
1 x 50mm Single Connection Charge	£	782.50

Third Party charges

Vat 20%	£	156.50
---------	---	--------

Infrastructure Charges

Infra calculated by flow rate 1.5 l/s	£	2,981.72
---------------------------------------	---	----------

<u>Total Amount Payable</u>	£	<u>3,965.15</u>
------------------------------------	----------	------------------------

Definition of charges

Administration fee and Third Party charges

Third party costs such as traffic management or Land agent fees are identified at the point of survey and include fixed costs where possible. Please note these costs are subject to the agreement of the third party. For further details regarding third party costs please refer to our charging document. <https://wholesale.southeastwater.co.uk/our-network/our-charges>

Infrastructure Charges

*Non-standard connections (32mm and above) will have a relevant multiplier applied to the standard rate of infrastructure to calculate the amount payable. To ensure the base rate of infrastructure is kept as low as

possible we will continue to apply the relevant multiplier to encourage water efficiency and smaller connection sizes when possible.

Please note in addition to the infrastructure charges referred to above, sewerage infrastructure charges may also be required by your sewage supplier.

Our quotation includes for connecting the proposed service to your supply pipe and for the reinstatement of publicly maintainable areas to Local Authority Specification.

PAYMENT

E. and O.E.

Price valid for 6 months from date of quotation

The Water Supply (Water Fittings) Regulations 1999

IMPORTANT NOTE: Please refer to our notification information enclosed which is based on requirements as laid out in The Water Supply (Water Fittings) Regulations 1999 (The Regulations) whereby you are legally obliged to notify the Company of new plumbing installations 10 working days prior to the commencement of the work. **Please ensure you complete and return the Notification form, South East Water are unable to progress your application without it.**

Internal plumbing must comply with The Regulations before the meter is connected and water is allowed to flow. **South East Water may inspect your plumbing installation and withhold the supply of water should contraventions be found.**

The Water Regulations Department recommend the use of a WIAPS approved plumber who has proven his/her knowledge of The Regulations. South East Water also offer an advisory service whereby we could review installation plans to eliminate potential problems, price on application.

SAFETY

The new service will contain non-conductive materials and consequently must not be used for electricity earthing purposes.

Although not approved by the Company, it has sometimes in the past been the practise on existing properties for the electrical system to be earthed to the water pipe. I mention this as a matter of courtesy and suggest that you contact your electrical contractor or the Electricity Board for advice.

CONNECTION

The Company's standard domestic service pipe is 25mm diameter. However, in order to ensure an adequate flow for your domestic needs the connection and service pipe have been designed with a flow capacity of 1m³/hour.

Any standpipe used in connection with building must be fitted with a double check valve.

Water for building purposes is now charged through a metered supply and in order for the connection to be utilised for this purpose, it will be necessary for the Company to be in receipt of the connection charge.

Alternatively, a quotation can be provided for a temporary building supply which will be disconnected on completion of the building works.

It is the Company's intention to ensure that all work undertaken is completed to the reasonable satisfaction of the customer. Where there is any aspect of the work or charges which is not satisfactory, once the work has been completed please forward your concerns in writing to the Company to enable a full review to take place. In the event that this review does not address your concerns satisfactorily, you will be able to refer the matter to the Director General of Water Services who has powers under the Water Industry Act 1991 to determine a solution to the matter.

Please note that all work is subject to highway approval, and there is a potential 3 month waiting period for any works being carried out.

Please note that once payment has been received should it be necessary for you to cancel the proposed work an administration fee of £29.50 plus costs incurred will be payable.

The inspection and subsequent service laying work must proceed within three months of receipt of payment. If the work is not requested within the three month period your payment will be refunded, minus an administration charge as detailed above. Should this be the case and the work is required at a later date, it will be necessary for you to reapply in writing to enable an updated quotation to be provided.

All new services are initially supplied with a trickle flow plug in place of the meter. In order to fit the meter, the Company must be in receipt of plot to postal information and infrastructure charges. If this information is not supplied the new account will be set up and billed to yourselves.

Would you please complete and return the enclosed form with your remittance. Should you require any further information, please contact me again.

Yours sincerely,

Cathy Asprey

Developer Services Coordinator

NARS 14584

I/We accept your quote dated and enclose payment of

I/We comply with the Water Supply (Water Fittings) Regulations 1999.

Invoice address for payment;

.....
.....
.....

Signed Date

Name (Block Capitals)

Bank Details

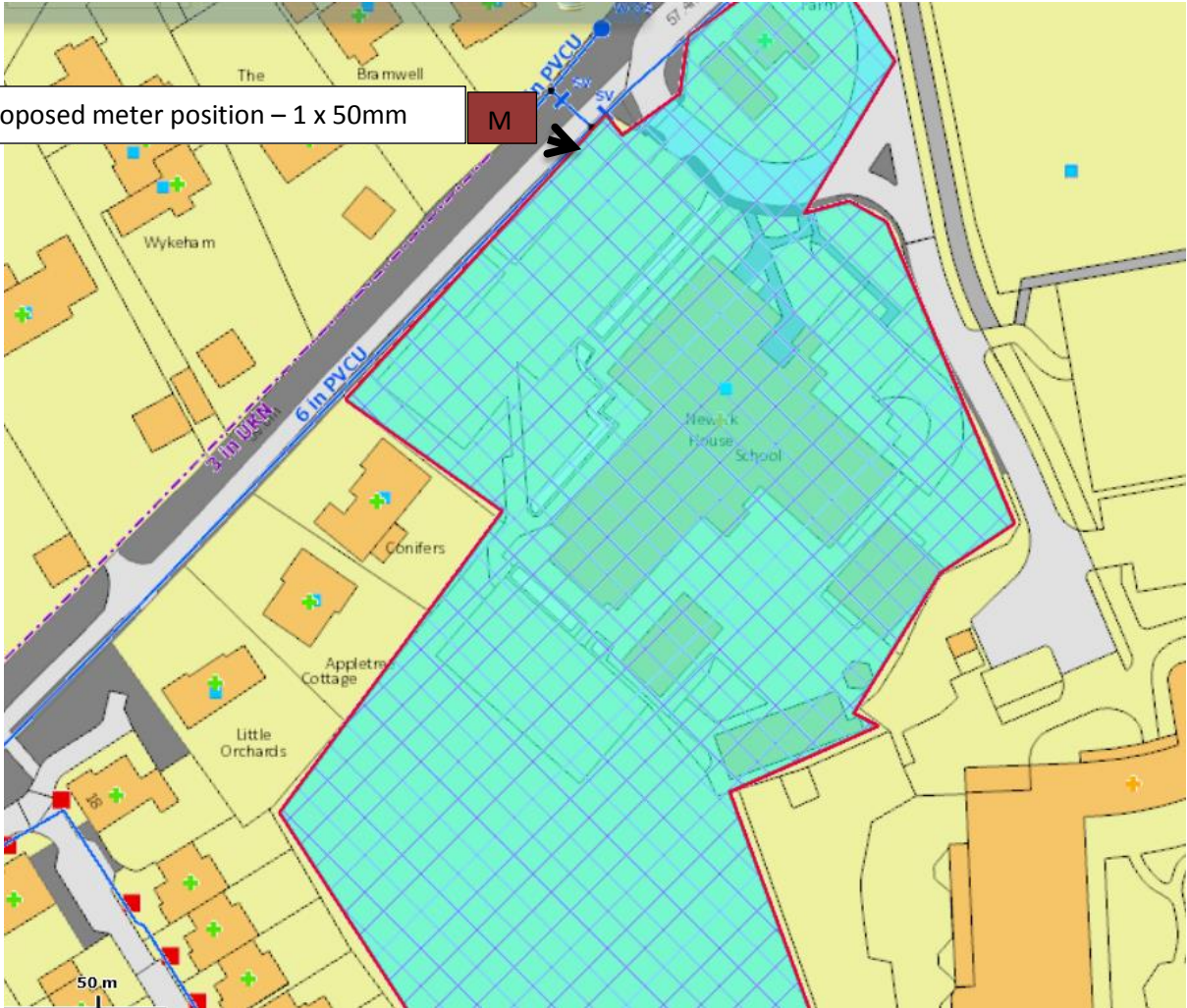
South East Water Ltd, Cash Office, Rocfort Road, Snodland Kent ME6 5AH

Sort Code: 40-11-60
Account Number: 81029940
BIC: HBUKGB4B
IBAN: GB37HBUK40116081029940
Account Name: South East Water Ltd
Bank: HSBC Bank plc
60 Queen Street, London, EC4N 4TR

Unique Tax Reference: 17510 66501
VAT registered number: 522 9437 44
Company Registration: 02679874

Proposed meter position – 1 x 50mm


M



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The position of the water mains shown on this plan should not
be relied upon as being precise.
South East Water accept no responsibility in the event of inaccuracy.

For further information about the contents of this plan please contact
South East Water Ltd. This plan (or part) may not be reproduced in any form
without the permission of South East Water Ltd.

 South East Water Supply Main	 South East Water Abandoned Main	 South East Water Company Border	         	South East Water Main Fittings
---	--	--	---	-----------------------------------

Plot Date:		Drawing Title:
Grid Reference:		
Scale:		



**WATER
for LIFE**

from
**Southern
Water** 

Mr Phil Williams
Atkins
The Hub
500 Park Avenue
Aztec West
Bristol
BS32 4RZ

Your ref

Our ref
DS_CC_PDE-111791

Date
18 September 2019

Contact

Tel 0330 303 0119

Site: Woodlands Meed College, Birchwood Grove Road, Burgess Hill, West Sussex, RH15 0DP.

Dear Mr Williams,

We have completed the capacity check for the above development site and the results are as follows:

Foul Water

Following initial investigations, there is currently adequate capacity in the local sewerage network to accommodate a foul flow for the above development at/downstream of manhole reference TQ32181102. Please note that no surface water flows (existing or proposed) can be accommodated within the existing foul sewerage system.

Surface Water

Following initial investigations, there is currently adequate capacity in the local surface water network to accommodate a surface water flow of **9 l/s** for the above development at manhole reference TQ32181154. Any excess surface water flows should be disposed of by an alternative means i.e. Soakaways, or any local drainage watercourses, subject to all interested parties' approval.

It should be noted that although the above assessment indicates that there is capacity available for your proposed surface water flows the LLFA (Local Lead Flood Authority) may impose/request that a lower flow is discharged to the public surface water sewer.

If the excess surface water flows are to be attenuated on site, it could have a significant effect on any proposed Section 104 Agreements. Any attenuation proposals should be agreed before any works are implemented on site. Where capacity is limited/restricted, agreement should be sought if you are to include any highway drainage within your proposals as Southern Water is not obligated to accept highway flows.

It should be noted that this information is only a hydraulic assessment of the existing sewerage network and does not grant approval for a connection to the public sewerage system. A formal S106

Southern Water Developer Services, Sparrowgrove House, Sparrowgrove, Otterbourne, Winchester, Hampshire, SO21 2SW
southernwater.co.uk

Southern Water Services Ltd, Registered Office: Southern House, Yeoman Road, Worthing BN13 3NX Registered in England No. 2366670



connection application is required to be completed and approved by Southern Water Services.
Please see the link below:

<https://developerservices.southernwater.co.uk/ConnectiontoPublicSewer/ApplicationForm>

Should you require any further information, please contact us at the above mentioned phone number or address shown in the footer.

Yours sincerely,



Developer Services

Please note: - The information provided above does not grant approval for any designs/drawings submitted for the capacity analysis. The results quoted above are only valid for 12 months from the date of issue of this letter.

SOUTHERN WATER



The positions of pipes shown on this plan are believed to be correct in the Southern Water Network but no responsibility is accepted for any inaccuracy. The actual positions should be determined on site.

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O.S. REF: TQ3218SW

Scale: 1:1250

Sewer Plot

WARNING: BSC pipes are constructed of B1-graded Adhesive Concrete

WARNING: Unreinforced (P)K1 materials are suitable for B1 Adhesive Concrete



Printed By: Mercy

Date: 30-8-2019

Site Plan

Requested By:



Calculated by:

Site name:

Site location:

Site coordinates

Latitude:

Longitude:

This is an estimation of the greenfield runoff rate limits that are needed to meet normal best practice criteria in line with Environment Agency guidance "Preliminary rainfall runoff management for developments", W5-074/A/TR1/1 rev. E (2012) and the SuDS Manual, C753 (Ciria, 2015). This information on greenfield runoff rates may be the basis for setting consents for the drainage of surface water runoff from sites.

Reference:

Date:

Methodology	IH124
-------------	-------

Site characteristics

Total site area (ha)	1.5
----------------------	-----

Methodology

Qbar estimation method	Calculate from SPR and SAAR
SPR estimation method	Calculate from SOIL type

	Default	Edited
SOIL type	4	4
HOST class	---	---
SPR/SPRHOST	0.47	0.47

Hydrological characteristics

	Default	Edited
SAAR (mm)	857	857
Hydrological region	7	7
Growth curve factor: 1 year	0.85	0.85
Growth curve factor: 30 year	2.3	2.3
Growth curve factor: 100 year	3.19	3.19

Notes:

(1) Is $Q_{BAR} < 2.0$ l/s/ha?
<input type="text"/>
(2) Are flow rates < 5.0 l/s?
<input type="text"/>
(3) Is $SPR/SPRHOST \leq 0.3$?
<input type="text"/>

Greenfield runoff rates

	Default	Edited
Qbar (l/s)	9.18	9.18
1 in 1 year (l/s)	7.8	7.8
1 in 30 years (l/s)	21.11	21.11
1 in 100 years (l/s)	29.27	29.27

Williams, Philip

From: gary.pye@openreach.co.uk on behalf of nsrecep@openreach.co.uk
Sent: 03 July 2019 16:43
To: Williams, Philip
Subject: Form 9964-61836 - NEWSITES REGISTRATION FORM
 (Sub 30 plots)



Thanks for your land enquiry.

We can confirm that all commercial only sites will now be provided with FTTP (Fibre To The Premises) with Openreach contributing £1000/plot of the cost. Any costs over and above this will be payable by the developer.

Any additional charges will be confirmed in an offer letter when the site is registered with us.

At this time your site has not been registered, if you would like to proceed to register your site with Openreach, please use the appropriate form on our website.

Regards

The New Sites team

Think before you print! Consider the environment before printing this e-mail

Openreach Limited

Registered Office: Kelvin House, 123 Judd Street, London WC1H 9NP, Registered in England and Wales no. 10690039

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Survey ID

9964

Ticket No

61836

Entered

02-Jul-19 03:15 PM

1) Please select the type of enquiry you would like to make.

LAND ENQUIRY

This enquiry can be submitted at any time, even before land purchase or planning permission has been granted. We just need some basic information to enable us to locate your site. Please note this will not register your site.

A NEW SITE THAT WILL BE BUILT IN ONE PHASE

2) Have you previously made a land enquiry?

A NEW SITE THAT WILL BE BUILT IN ONE PHASE

3) What NSI reference was given?

A NEW SITE THAT WILL BE BUILT IN ONE PHASE

4) When are you starting on site?

5) When do you require the first service connections on site?

6) How many Residential plots are you building?

Houses
Flats

7) If you are building between 2 and 29 plots would you be interested in receiving a quote for fibre technology for your site?

8) How many block of flats/ apartments are you building?

9) How many commercial plots being built on this site? e.g. doctors, school, shop

10) What type of commercial plots are being built?

11) What is your plot completion rate per month

12) Do you plan to have any other communications infrastructure provider on site ?

A NEW SITE THAT WILL BE BUILT IN MORE THAN ONE PHASE

13) Have you previously made a land enquiry?

A NEW SITE THAT WILL BE BUILT IN MORE THAN ONE PHASE

14) What NSI reference was given?

A NEW SITE THAT WILL BE BUILT IN MORE THAN ONE PHASE

15) When are you starting on site?

16) When do you require the first service connections on site?

17) How many plots are you building?

18) How many plots are you building in the whole development?

Houses
Flats

19) How many commercial plots are being built in the whole development?

20) How many phases will be built in the whole development?

21) How many block of flats/ apartments are you building in this phase?

22) How many commercial plots being built on this site? e.g. doctors, school, shop

23) What type of commercial plots are being built?

24) What is your plot completion rate per month

25) Who are the other developers on this site? (if applicable)

26) Do you plan to have any other communications infrastructure provider on site ?

INFRASTRUCTURE ONLY

27) Have you previously made a land enquiry?

INFRASTRUCTURE ONLY

28) What NSI reference was given?

INFRASTRUCTURE ONLY

29) How many residential plots are you building in the whole development

Houses
Flats

30) How many commercial plots are being built in the whole development?

31) How many phases will be built in the whole development?

32) When are you starting on site to excavate for this infrastructure?

33) When will the first phase be developed?

34) Which developer is developing this first phase?

35) Do you plan to have any other communications infrastructure provider on site ?

ADDITIONAL PHASE TO AN EXISTING SITE

36) What is your NSI references for your site (list all you have)

37) How many phases will be built in the whole development?

38) How many phases have been completed?

39) When are you starting on site for this phase?

40) When do you require service connection?

41) How many plots are you building in this phase?

Houses
Flats

42) How many block of flats/ apartments are you building?

43) Are any commercial plots being built on this site? e.g. doctors, school, shop

44) What type of commercial plots are being built?

45) What is your plot completion rate per month

46) Do you plan to have any other communications infrastructure provider on site ?

NEW COMMERCIAL SITE

47) When are you starting on site?

48) When do you require the first service connections on site?

49) Is this a refurbishment of an existing building?

NEW COMMERCIAL SITE

50) What was the building previously used for?

NEW COMMERCIAL SITE

51) Please state the total number of commercial units for each category

Item	Total
	Total

52) If Other, please state type

DEVELOPER SELF INSTALL

53) Will the developer self-install this equipment?

SITE DETAILS

54) What are your site details?

Site Name
Site Address
Site Postal Town
Site Post Code (If known at this stage – if not please enter AB1 1XY as a default)
Please provide 12 digit grid reference at closest point on-site to the permanent entrance to the site, eastings and northings e.g. 259002,664268

55) Actual outline planning permission approval date (if not known at this stage please enter today's date)

56) Forecast or actual detailed planning permission (reserved matters) approval date. (if not known at this stage please enter today's date)

57) Planning Authority ref

58) Local Authority Name

59) Name of Wayleave grantor, if not the developer

Contact phone number
Address
Postal Town
Post Code
Email

LAND ENQUIRY

60) 12 digit grid reference at closest point on-site to the permanent entrance to the site, eastings and northings e.g. 259002,664268

532139,118380

61) What is the total number of residential plots planned?

0

62) What is the total number of commercial plots planned?

1

63) Please provide us your contact details

Your Name Phil Williams
Your Address Atkins, The Hub, 500 Park Ave, Aztec West
Your Postal Town Bristol
Your Post Code BS324RZ
Your Contact Number 01454663493
Your Email Philip.Williams3@atkinsglobal.com

64) Are you registering on behalf of a developer?

No

LAND ENQUIRY

65) Please provide Developer Details

Developer Parent Group name
Developer regional name (if applicable)
Address
Postal Town
Post Code
Contact number

LAND ENQUIRY

66) Please upload a location plan - this can be an extract of a map to give an approximate location

[9964-61836-66-9556.pdf](#) (Location Plan.pdf) 73.99Kb

ADDITIONAL COPPER LINES

67) Do you require any additional copper lines?

LIFT LINES

68) Number of lift lines

69) Have you raised the orders (yes/no)?

70) When do you need your lift lines to be provided by?

71) Name of the lift line provider

72) If you have ordered any Lift Lines what are the order references?

TELEMETRY LINES

73) Other permanent enablement lines, e.g. telemetry - how many do you need? If you do not need any please enter a zero.

PERMANENT CARE/CONCIERGE LINES

74) How many do you need? If you do not need any please enter a zero.

SHORT DURATION OFFICE LINES

75) Number of short duration office lines

76) Have you raised the orders (yes/no)?

BUILDING ALARM LINES

77) How many do you need? If you do not need any please enter a zero.

CONTACT DETAILS

78) Please provide us your contact details

- Your Name
- Your Address
- Your Postal Town
- Your Post Code
- Your Contact Number
- Your Email

79) Are you registering on behalf of a developer?

DEVELOPERS CONTACT DETAILS

80) Please provide us your developers contact details

- Developer Parent Group Name
- Developer regional name *(if applicable)*
- Address
- Postal Town
- Post Code
- Contact Number

ESCALATION ROUTE

81) Please provide us a route to resolving issues quickly for this site

Contact Name
Telephone/mobile number
Email

82) Person to contact if that person has not responded

Contact Name
Telephone/mobile number
Email

83) Person to contact if that person has not responded

Contact Name
Telephone/mobile number
Email

PLANS

84) A detailed site plan (in PDF or word format only) is required for all sites.

85) A location plan (in PDF or word format only) is required for all sites, such as a Land Registry map.

86) If you are providing site plan in CAD format please upload in .dxf file format below, with supporting csv/xls file.

87) Supported csv/xls file with the dxf site plan

88) For flats we also require floor plans (in PDF or word format only) with plot numbers clearly marked.

89) You can include additional pages for additional floors in your document up a maximum file size of 10MB

90) Do you have any additional plans that you wish to provide?

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