

Appendix 5

Please reply to: Swindon Office

Our Ref: SC/sc/4040pw

25th September 2013

Portsmouth Water
PO Box 8
West Street
Havant
Hampshire
PO9 1LG

Dear Sirs

Re: Portsdown Hill, Havant, Hampshire, PO6 1BJ

We act on behalf of our client and attach a plan showing the above site. We would be obliged if you could return details of your existing apparatus located within the site area.

Yours faithfully



Sarah Coates
Technical Administrator
scoates@coleeasdon.com

Encl:



COLE EASDON
CONSULTANTS

- Civil Engineering
- Highways
- Transportation
- Flood Risk
- Sustainable Drainage
- Travel Plans
- Road Safety Audits
- Construction Design Management (CDM)

Swindon Office:

Unit 2, York House
Edison Park
Dorcan Way
Swindon
Wiltshire
SN3 3RB

Tel: 01793 619965

Fax: 01793 619967

cec@ColeEasdon.com

www.ColeEasdon.com

Bristol • Swindon • Warrington

Head Office & Registered Office: Unit 2, York House, Edison Park, Dorcan Way, Swindon, Wiltshire, SN3 3RB

Incorporated in UK as Cole Easdon Consultants Limited No. 202 7005



3rd October 2013



For the attention of Sara Coates

Cole Easdon Consultants Ltd
Unit 2m York House
Edison Park
Dorcan Way
Swindon
Wiltshire SN3 3RB

RECEIVED

- 4 OCT 2013

4040 SC

Registered Office

Portsmouth Water Ltd

PO Box 8

West Street

Havant

Hampshire

PO9 1LG

Telephone: 023 9249 9888

Fax: 023 9245 3071

www.portsmouthwater.co.uk

Please ask for

Our reference

Your reference

Paul Treagust

PJT/LGC/31/4/13

SC/SC/4040pw

Dear Sara

PORTSDOWN HILL, HAVANT, HANTS

I am writing in reply to your mains enquiry. Enclosed your receipt for £36.00 and a section of Ordnance Survey sheets on which I have indicated in black line and the approximate position of the Company's existing water mains.

I regret that I am unable to indicate any water services that may have been taken from those mains, but wherever there are surface stopcock or meter boxes it should be assumed that a service pipe is connected to the Company's mains.

Should accurate information regarding the Company's installations be required then trial holes should be taken by hand digging and no mechanical plant should be used within two metres of the Company's water main.

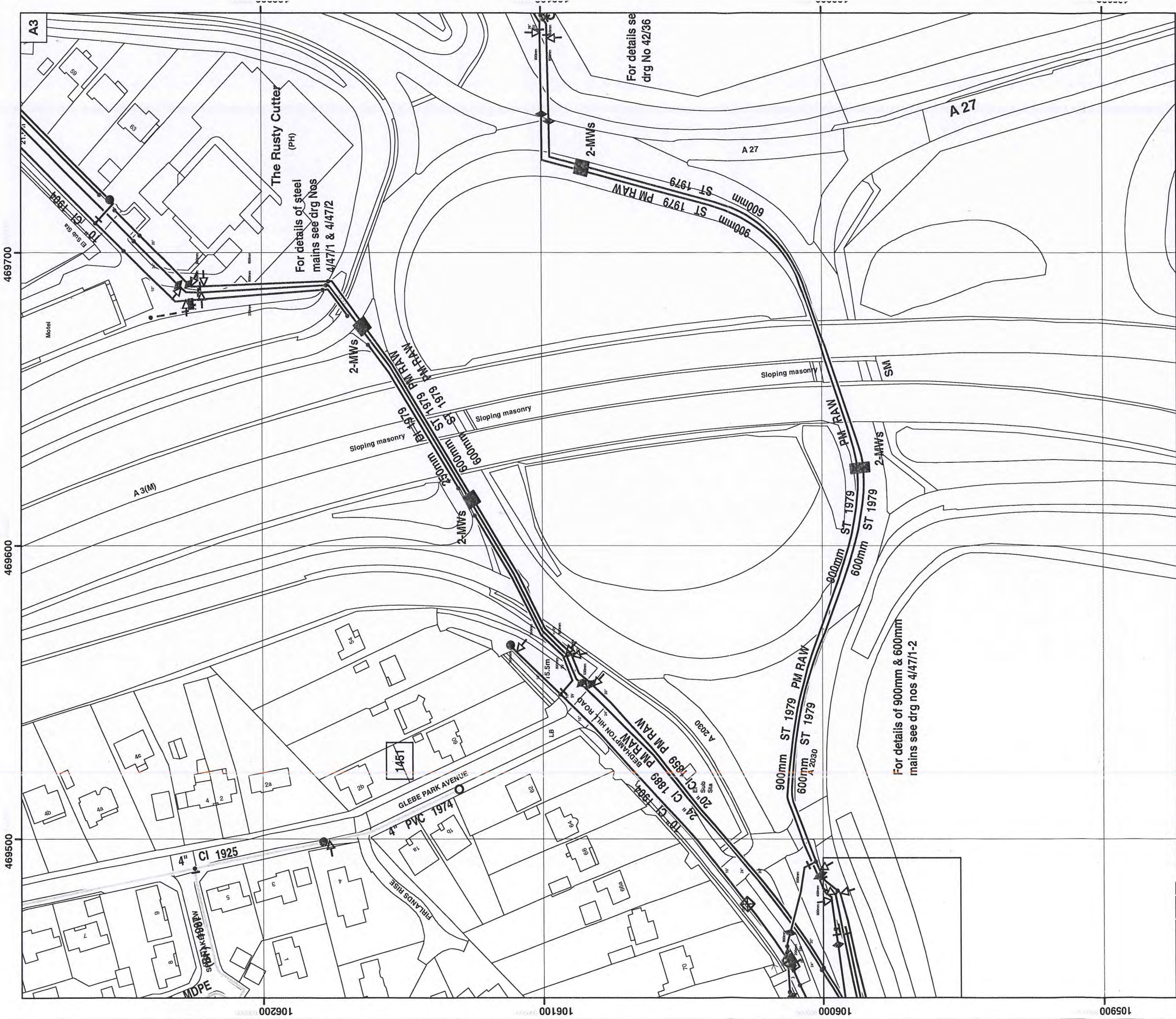
Yours faithfully

P. J. TREAGUST

Distribution Manager

e-mail: p.treagust@portsmouthwater.co.uk

Direct Line 023 92249345



EXISTING MAIN ABANDONED MAIN PROPOSED MAIN		COMPANY WASHOUT WASHOUT FIRE HYDRANT FIRE HYDRANT PROPOSED FIRE HYDRANT		WO TO BE CUT OUT UNLESS PURCHASED BY LOCAL AUTHORITY FH TO BE CUT OUT UNLESS PURCHASED BY LOCAL AUTHORITY WOFH TO BE CUT OUT UNLESS PURCHASED BY LOCAL AUTHORITY	
Reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database right 2013. All rights reserved. Ordnance Survey Licence Number 100018036.				Drg No: Job No: OS Ref: SU6906SE Scale: 1:1,250 Date: 02/10/2013	
Registered Office P.O. BOX NO. 8, West Street, Havant, Hampshire. PO9 1LG. Registered in England No. 2536455 Telephone: (023) 9249 9888 Fax: (023) 9245 3632 Website: www.portsmouthwater.co.uk				The information supplied is given in good faith as a guide to locating underground apparatus. Its accuracy cannot be guaranteed, nor does it include comprehensive information about the existence or location of service pipes or cables to individual premises. The responsibility for locating and avoiding damage to apparatus on site shall be that of the person proposing to excavate in the street who shall be liable to the apparatus owner and any third party who may be affected in any way for any loss or damage caused by their failure to do so.	

Please reply to: Swindon Office

Our Ref: SC/sc/4040sw

25th September 2013

Land Searches
Southern Water
Southern House
Capstone Road
Chatham
Kent
ME5 7QA

Dear Sirs

Re: Portsdown Hill, Havant, Hampshire, PO6 1BJ

We act on behalf of our client and attach a plan showing the above site. We would be obliged if you could return details of your existing apparatus located within the site area.

Please find enclosed a cheque payment of £48.00 for the records, and we would be grateful if you could send us a receipt of payment.

Yours faithfully



Sarah Coates
Technical Administrator
scoates@coleeasdon.com

Encl:



COLE EASDON
CONSULTANTS

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Incorporated in UK as Cole Easdon Consultants Limited No. 202 7005





Cole Easdon Consultants
Unit 2, York House
Dorcan Way
Edison Park
Swindon
Wiltshire
SN3 3RB

Your Ref SC/sc/4040sw
Our Ref 160765
Date 26 September 2013
Contact searches@southernwater.co.uk
Fax 01634 844514
DX:400450 Chatham 5

Attention: Sarah Coates

Dear Sirs

Provision of Public Sewer Main Record Extracts – VAT Receipt
Portsdown Hill, Havant, Hampshire, PO6 1BJ

Further to your recent enquiry regarding the provision of Southern Water apparatus record extracts for the above location.

Please be aware that there are areas within our region in which there are neither sewers nor water mains. Similarly, whilst the enclosed extract may indicate the approximate location of our apparatus in the area of interest, it should not be relied upon as showing that further infrastructure does not exist and may subsequently be found following site investigation. Therefore actual positions of the disclosed (and any undisclosed) infrastructure should be determined on site, because Southern Water does not accept any responsibility for inaccuracy or omission regarding the enclosed plan and accordingly it should not be considered to be a definitive document.

I confirm payment of the appropriate fee in the sum of £ **48.00**

The breakdown of costs is as follows: -

- Provision of record extracts £ 40.00
- VAT @ 20.0% £ 8.00

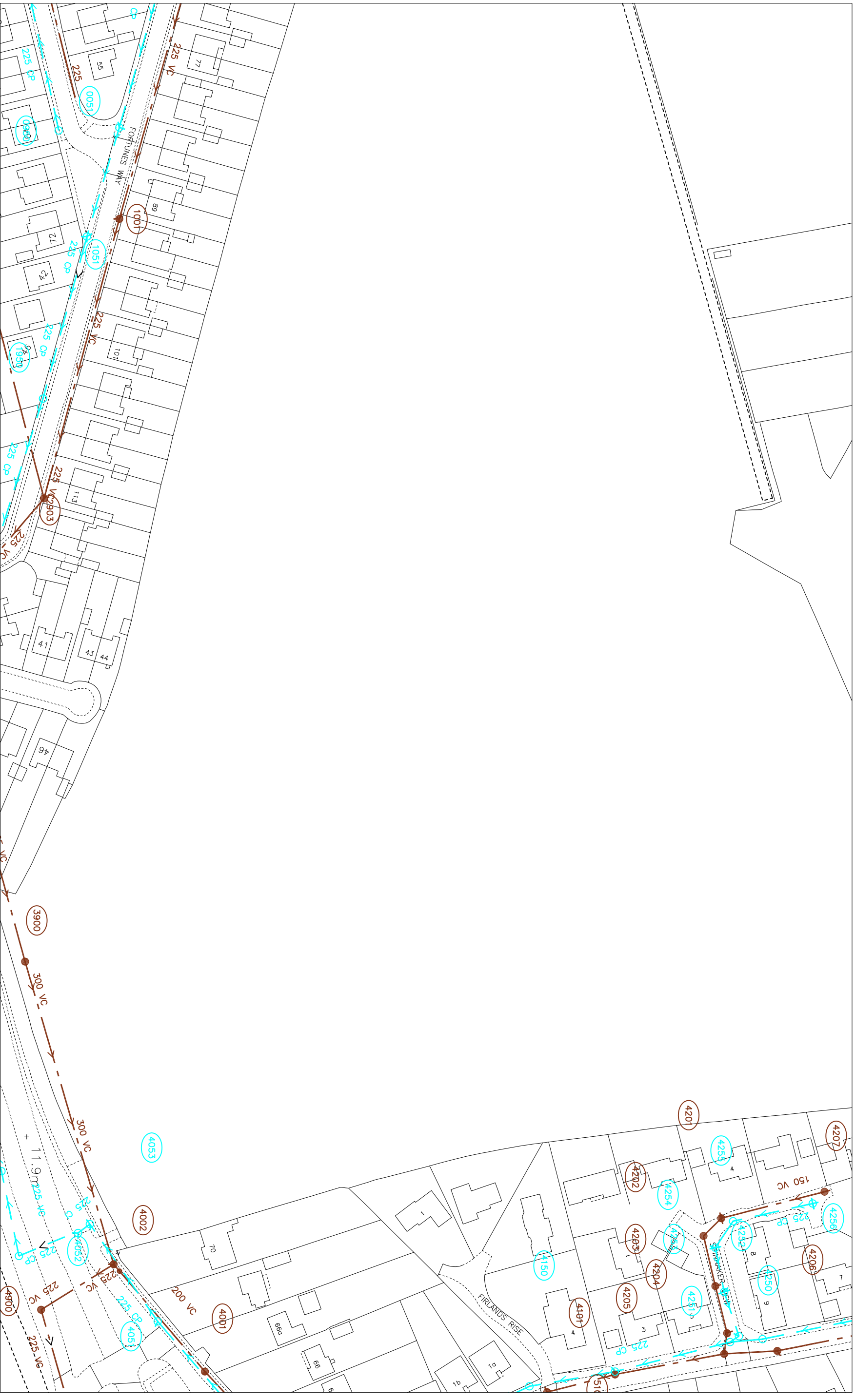
VAT Registration Number 543 9000 63

Should you require any additional information regarding this matter please contact this office at the address given at the foot of this letter.

Yours faithfully

Land Search Department

SEWER RECORDS PAGE 1 OF 2



106267

105979

O.S. REF.

SU6906SW

Title: 160765_Portdown Hill

Drawn by: spaceyk

Scale: 1:1250

Date: 26/09/2013

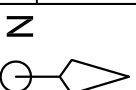
The positions of pipes shown on this plan are believed to be correct, but Southern Water Services Ltd accept no responsibility in the event of inaccuracy.

The actual positions should be determined on site.

WARNING: BAC pipes are constructed of Bonded Asbestos Cement

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

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Southern
Water

469506

SEWER RECORDS PAGE 2 OF 2

[illegible]

LINE STYLES / COLOURS		MATERIALS		LEGEND - SEWERS	
Brown	Food	AC	Asphalte (SV)	Manhole (SV)	Manhole (SV)
	Food System Sewer	BC	Reinforced Concrete	Manhole (F&C)	Manhole (F&C)
	Food Vacuum Main	RE	Reinforced Concrete	Lamp hole (SV)	Lamp hole (SV)
	Food Raging Main	CC	Concrete Box Culvert	Pumping station (SV)	Pumping station (SV)
Red	Confined	CP	Concrete (Pre-Cast)	Pumping station (F&C)	Pumping station (F&C)
	Confined Super Sewer	CSB	Concrete Segment (baked)	Site entry manhole (SV)	Site entry manhole (SV)
	Confined Raging Main	CSU	Concrete Segment (unbaked)	Site entry manhole (F&C)	Site entry manhole (F&C)
Orange	Blowing Over Agreement Main	LS	Lowest Depth	Blind shaft (SV)	Blind shaft (SV)
Dark Blue	Unlined Effluent	MC	Masonry or masonry Concrete	Excavation station (SV)	Excavation station (SV)
Purple	Sewer Catchment	GR	Grass Reinforced Plastic	GRP Glass Reinforced Plastic	GRP Glass Reinforced Plastic
	Surface Water	PP	Plastic Pipe	Waterfall box (SV)	Waterfall box (SV)
Light Blue	Surface Water	PP	Plastic Pipe	Weighted box (F&C)	Weighted box (F&C)
	Surface Water Raging Main	PP	Plastic Pipe	Flushing of In-Ne (SV)	Flushing of In-Ne (SV)
Yellow	Private	ST	Steel	Flushing of In-Ne (F&C)	Flushing of In-Ne (F&C)
	Access Shaft	CC	Concrete	Flushing of In-Ne (F&C)	Flushing of In-Ne (F&C)
Green	Decontaminated	ZZZ	Unknown	Backflow manhole	Backflow manhole

Drawn by: spaceyk	
Title: 160765_Portsdown Hill	
Date: 26/09/2013	

Please reply to: Swindon Office

Our Ref: SC/sc/4040sgn

1st October 2013

Scotia Gas Networks
95 Kilbirnie Street
Glasgow
Lanarkshire
G5 8JD

Dear Sirs

Re: Portsdown Hill Road, Bedhampton, Havant, PO9 3JD

We act on behalf of our client and attach a plan showing the above site. We would be obliged if you could return details of your existing apparatus located within the site area.

Yours faithfully



Sarah Coates
Technical Administrator
scoates@coleeasdon.com

Encl:



COLE EASDON
CONSULTANTS

- Civil Engineering
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Incorporated in UK as Cole Easdon Consultants Limited No. 202 7005



Our Ref: SO/0011774
Your Ref: SC/sc/4040sgn

Date: 15/10/2013



Sarah Coates, .
Cole Easdon
Unit 2 York House
Edison Park, Dorcan Way
Swindon
Wiltshire, SN3 3RB.

Plant Location
95 Kilbirnie Street
Glasgow
G5 8JD

Phone: 0141 418 4093
Phone: 0845 070 3497
Fax: 0141 429 6432
Email: plantlocation@sgn.co.uk

Dear Customer,

Re: Enquiry at: Portsdown Hill Road, Bedhampton, Havant PO9 3JD.

Thank you for your enquiry regarding the above location.

There is High Pressure apparatus in the vicinity; accordingly a copy of your correspondence has been sent to our local engineer, who will be in contact shortly. It is essential that no work or crossings of this high pressure pipeline is carried out until a detailed consultation has taken place.

Please find enclosed an extract from our mains records in the location of the area covered by your proposals for your guidance. This plan only shows those pipes owned by SGN in its role as a Licensed Gas Transporter (GT). It should be noted that gas pipes owned by other GTs or privately owned may be present in this area and information regarding such pipes should be obtained from the owners. Where SGN knows this, they will be represented on the plans as a shaded area and/or a series of x's.

The information shown on this plan is given without obligation, or warranty and the accuracy cannot be guaranteed. Service pipes, valve siphons, stub connections etc, are not shown but their presence should be anticipated. Your attention is drawn to the information and disclaimer on these plans. The information included on the plan is only valid for 28 days.

You will note the presence of our Low/Medium/Intermediate Pressure gas main in the proximity to your site. There should be **no** mechanical excavations taking place above or within **0.5m** of the low pressure system, **0.5m** of the medium pressure system and **3m** of the intermediate pressure system. You should where required **confirm the position** of mains **using hand dug trial holes**.

A colour copy of these plans and the gas safety advice booklet should be passed to the senior person on site in order to prevent damage to our plant and potential direct or consequential costs to your organisation.

24 hour gas escape number 0800 111 999*
*Calls will be recorded and may be monitored

Southern Gas Networks plc is part of the Scotia Gas Networks Group
Registered Office: St Lawrence House Station Approach Horley
Surrey RH6 9HJ
Registered in England & Wales No. 05167021
<http://www.sgn.co.uk>

For safety reasons, safe digging practices, in accordance with HSE publication HSG47 "Avoiding Danger from Underground Services" 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 this information is provided to all persons (direct labour or contractors) working for you on or near gas plant. In addition please follow the advice given in our gas safety booklet (enclosed).

It must be stressed that both direct and consequential damage to gas plant can be dangerous both for your employees and the general public, repairs to any such damage will incur a charge. Your works should be carried out in such a manner that we are able to gain access to our apparatus throughout the duration of your operations.

If you require any further information please contact the number below.

Yours faithfully,

Lesley Phillips
0141 418 4093

24 hour gas escape number 0800 111 999*
***Calls will be recorded and may be monitored**

Southern Gas Networks plc is part of the Scotia Gas Networks Group
Registered Office: St Lawrence House Station Approach Horley
Surrey RH6 9HJ
Registered in England & Wales No. 05167021
<http://www.sgn.co.uk>

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 and are not shown on this plan. Information with regard to such pipes should be obtained from the relevant owners. No warranties 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 are currently under investigation for location accuracy. During this period, these pipes will be highlighted in yellow. If your proposed works are close to one of these pipes, you MUST contact the Scotia Gas Network's Plant Protection Team on 0845 070 3497 for advice. When our plans have been validated / updated the yellow highlight will be removed. 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 this 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 MAP VERSION 2.1 Hampshire County Area This plan is reproduced from or based on the OS map by Scotia Gas Networks plc, with the sanction of the controller of HM Stationery Office. Crown Copyright Reserved. 
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Your Ref. SC/sc/4040sgn
Our Ref.: TPES/SO/1742

RECEIVED

18 OCT 2013



Sarah Coates
Coles Easdon
Unit 2 York House
Edison Park, Dorcan Way
Swindon
Wiltshire
SN3 3RB

4040 SC

Bourne Valley Road
Branksome
Poole
Dorset
tony.godwin@sgn.co.uk
Tel: 01202 784932
Fax: 01202 784970

16 October 2013

GAS EMERGENCY NUMBER: 0800 111 999

Re: Portsdown Road, Bedhampton Hill, Havant, Hants PO9 3JD

Dear Sarah Coates,

Thank you for your enquiry dated 15/10/2013. Our Scotland based Plant Protection department has already supplied you with the relevant plans for the location you have indicated, if you require further copies please let me know. The information shown on these plans is given without obligation, or warranty. The accuracy thereof cannot be anticipated. No liability whatsoever is accepted by Southern Gas Networks (SGN) its agents, or servants for any error or omission. The actual position of pipelines, mains and services must be established on site before any mechanical plant is used. You should note that other Public Gas Transporters (PGT's) may have gas mains in the area.

You will see from the plan, a copy of which is deposited with the Local Authority, that High-pressure pipeline/s (identified on the maps and chart below as HP) are in close proximity to the site. Your proposals could/would require the exact location of this pipeline to be plotted. This location would be either by electronic detection or by hand excavated trial holes supervised by a Southern Gas representative. This pipeline is registered with the Health and Safety Executive as a Major Accident Hazard Pipeline.

Southern Gas Networks High and Intermediate Pressure Pipelines in the Vicinity		
Pipeline Number	Pressure Regime	Building Proximity Distance (metres)
P014	HP	15.0
This table does not include Southern Gas Networks' Low and Medium Pressure Gas Pipelines which may be in the vicinity.		

Pipelines laid in private land are protected by a 'Deed of Grant', which prohibits certain activities within the easement strip, no addition to or removal of surface levels, no structures over or within the specified distance of the pipeline. Further details are available if you require them.

Any Queries on this Enquiry please contact our local HP Pipelines Technician Mike Hamerton (Mob: 07970 239561 / 02392 624586)

The high pressure pipeline is of prime importance to the gas supplies of this area. Should any work be contemplated it is essential that you comply with the restrictions detailed below and in the document T/SP/SSW22 in order to protect our plant and equipment and for the safety of your own operatives.

- No mechanical excavation is allowed within 3 metres either side of pipeline.
- No plant or storage of equipment shall be made within any easement strip.
- If any metallic pipes or cables are being laid in proximity to gas pipelines then interference testing will be required,

the cost of which is to be borne by the promoter of the works. A minimum clearance of 600mm is required.

- All precautions stated in publication T/SP/SSW22 (Safe Working in the Vicinity of High Pressure Gas Pipelines) shall be fully complied with in all respects. I have enclosed a copy of this document. Acceptance of SSW22 shall be acknowledged by the responsible site person signing and returning the form Appendix A (back page) to us at the address above.
- No thrust boring shall take place within three metres of the pipeline.
- Before commencing work on site you must contact us, on the number under our address at the start of this letter, at least three days before work commences. A Southern Gas Networks representative will then contact you to arrange to visit site. Details of working near to high-pressure gas pipelines can then be discussed.
- Pipeline sections that are planned and agreed by SGN to be permanently covered (i.e. by road surface) will require a coating survey. SGN will repair any indicated coating defects free of charge. The survey costs will be borne by the promoter of the works. Prior to any surface cover cathodic protection coupons and reference cells will require installation at no cost to SGN. A protection slab could also be required depending on the planned finished ground levels.
- This pipeline is cathodically protected and as such has test cables located in surface boxes, were these to be lost through this work we would look to you for remedial action at no cost to SGN.
- Intrusive construction methods will require an agreed method statement prior to work starting.

Please ensure these conditions, together with any relevant drawings are forwarded for use by the construction personnel of your works.

Please note that further restrictions on activities may need to be imposed as a result of a site inspection.

For any further information please contact me on the above number.

Yours Sincerely,

Tony Godwin
Pipeline Administrator

Enclosed:

SSW/22

Please reply to: Swindon Office

Our Ref: SC/sc/4040sse

1st October 2013

Mapping Services
Scottish & Southern Energy
PO Box 6206
Basingstoke
Hampshire
RG24 8BW

Dear Sirs

Re: Portsdown Hill Road, Bedhampton, Havant, PO9 3JD

We act on behalf of our client and attach a plan showing the above site. We would be obliged if you could return details of your existing apparatus located within the site area.

Yours faithfully



Sarah Coates
Technical Administrator
scoates@coleeasdon.com

Encl:



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CONSULTANTS

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Incorporated in UK as Cole Easdon Consultants Limited No. 202 7005



Your ref - SC/sc/4040sse

In any reply quote - MSS256200

Sarah Coates
Cole Easdon Consultants
Unit 2, York House
Edison Park
Dorcan Way
Swindon
Wilshire
SN3 3RB

Mapping Services
P.O. Box 6206
Basingstoke
Hampshire
RG24 8BW

RECEIVED

- 4 OCT 2013

4040 SC

Your local Depot is: PORTSMOUTH
P.O. Box 93
Portsmouth
Hampshire
PO6 2PB
Tel. 023-9262-4200
Fax. 023-9262-4251

Dear Sir/Madam

02/10/2013

Portsdown Hill Road, Bedhampton, Havant

In response to your enquiry of 01/10/2013 regarding the location of network and equipment at the above address, copies of our Record Plans are enclosed.

The plans show the positions and normal depths for the buried cables etc. when they were installed. It must be stressed, however, that alterations to road alignments, surface levels and buildings may have been made subsequent to the records being taken. If you find plant or cables that are not marked or are incorrectly marked, then you are required to contact us as soon as possible to give us the opportunity to amend our records.

Please note that the plans supplied are based on the location/map information supplied by yourselves and, therefore, YOU MUST SATISFY YOURSELF THAT OUR PLANS SUPPLIED ADEQUATELY COVER THE AREA THAT YOU REQUIRE.

Please note that these records only show plant owned by Scottish and Southern Energy plc. There may be other privately owned plant in the area, which is outside the control of Scottish and Southern Energy plc. You should check with the Local Authority, National Grid Co., Department of the Environment, other Regional Electricity companies etc. before proceeding.

Avoidance of DANGER from BURIED CABLES

For more information, consult the Health & Safety Executive's booklet HS(G) 47 - obtainable from the HMSO. Guidance notes are contained in Scottish and Southern Energy's 'Watch-It' leaflet, which sets out various do's and don'ts when digging near buried cables.

I would particularly draw your attention to the need to take trial holes to determine the exact position and depth of cables to avoid the risk of injury to staff or damage to the cables.

Where our Record plans indicate the presence of cables with a voltage exceeding 11,000 volts then you are advised to contact our Local Depot section on the above telephone number before commencing any excavations within the vicinity of these cables.

Avoidance of DANGER from OVERHEAD LINES

For more information, consult the Health and Safety Guidance Note GS.6 obtainable from HMSO. Scottish and Southern Energy's 'Watch-It' leaflet outlines the precautions to be taken.

If in any doubt about the safety of working in the vicinity of overhead lines, please do not hesitate to contact our Local Depot at the above number.

Cable Records - Service Connections

The location of service cables to individual properties, street lighting, traffic signs, telephone kiosks etc. installed prior to the introduction of the Electricity Supply Regulations 1988 dated 1st October 1988 are not shown on the enclosed plans but details are available from our local depot PORTSMOUTH Tel: 023-9262-4200.

General Advice

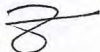
-
- a) Please ensure, where appropriate, that your CONTRACTORS have a copy of this letter and the enclosed plan(s).
 - b) Please note that the cost of any repairs or claims against Scottish and Southern Energy as a result of your works will be invoiced to you or your contractor.
 - c) Scottish and Southern Energy retains the right to its property, including disconnected cables and recoverable materials.

Special Advice

MAJOR CIRCUITS - The land you refer to is crossed by a major transmission circuit or circuits which form an extremely important link in Southern Electric's extra-high voltage system. Modifying circuits such as these is a major and costly undertaking which should be avoided if possible. Any development should therefore be designed to allow circuits of this nature to remain undisturbed and accessible in their present location if at all possible.

Should you require further information, please do not hesitate to contact me on the above telephone number.

Yours faithfully,



Mapping Services Manager

Enclosures:

- Mains Record Plans HV	: Y	- Mains Record Plans LV	: Y
- Mains Record Plans GAS	: N	- Pipe Record Plans Water\Sewerage\Steam	: N
- 'Watch-It' for working near O/H lines	: Y	- 'Watch-It' for digging near U/G cables	: Y
- Other	:		

*
* THESE PLANS HAVE BEEN SENT IN RESPONSE TO YOUR RECENT ENQUIRY TO OUR MAPPING SERVICES TEAM. *
*
* YOU COULD IN FUTURE ACCESS OUR PLANT INFORMATION VIA A SECURE WEB SITE. THIS IS A FREE *
* SERVICE WHICH IS AVAILABLE 24/7, THIS WOULD ALLOW YOU TO VIEW & PRINT OUR PLANT RECORDS *
* AS REQUIRED. *
*
* ACCESS TO THIS SERVICE CAN BE ARRANGED BY CONTACTING MAPPING SERVICES BY EMAIL OR PHONE:- *
*
* mapping.services@sse.com 01256 337294 *
*
* INFORMATION REQ: CONTACT NAME, COMPANY NAME, TELEPHONE NUMBER & EMAIL ADDRESS. *
*

Dear Lineasearch User,

Your Lineasearch enquiry details have been passed to our enhanced service LineasearchbeforeUdig to be checked against asset owners who are **not** on Lineasearch. The result of this search is shown on the following pages, together with your Lineasearch reference number which links these searches together.

THESE LINESEARCHBEFOREUDIG RESULTS MUST BE READ IN CONJUNCTION WITH THE CORRESPONDING LINESEARCH RESULTS - LS-131002-WP-918-IQK

If you search using LineasearchbeforeUdig directly rather than Lineasearch you will receive the following benefits:

- your enquiry will search against more members assets including
 - all the existing Lineasearch members
 - plus all the LineasearchbeforeUdig asset owners
 - plus (where your search falls in the relevant geographic area) Western Power Distribution and/or Electricity North West Limited
 - plus a list of other asset owners known to be within the area of your search who you may choose to contact
- you can search your enquiry using our existing circle search, or if more appropriate, search using our linear and area tools

How to start using the enhanced service?

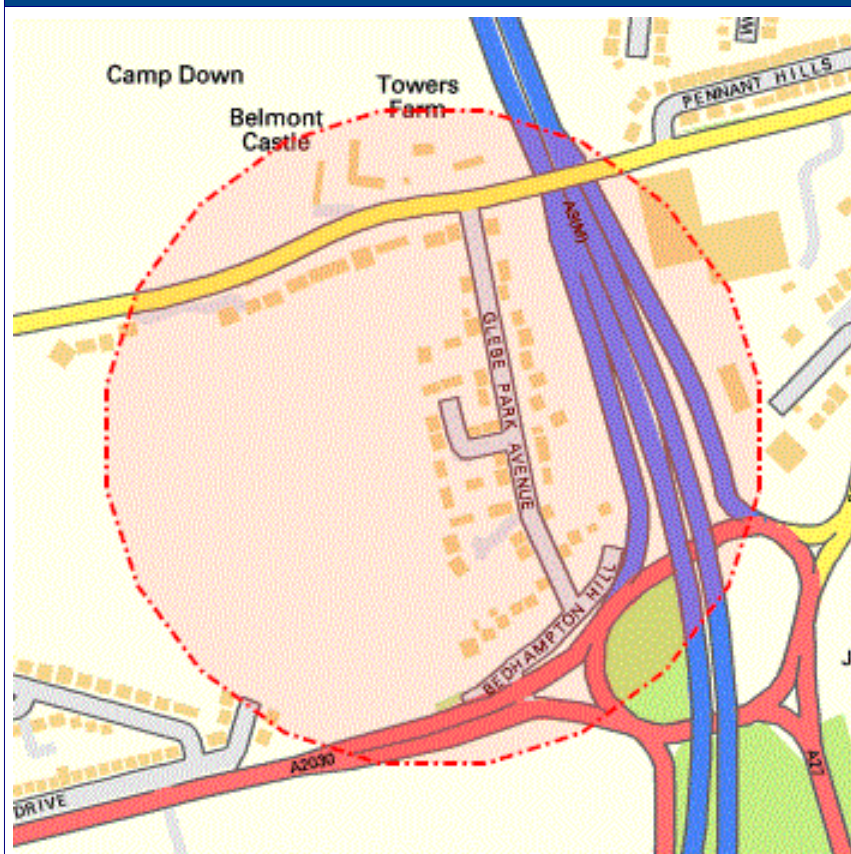
Please click here: www.lineasearchbeforeudig.co.uk

Then click the "Forgotten your password" option, type in your Lineasearch username and your email address. An email will be sent to you with a new password. Please note we are unable to transfer over your existing Lineasearch password.

Enquirer			
Name	Sarah Coates	Phone	01793619965
Company	Cole Easdon Consultants	Mobile	Not Supplied
		Fax	Not Supplied
Address	Unit 2, York House Edison Park Dorcan Way Swindon Wiltshire SN3 3RB		
Email	scoates@coleeasdon.com		
Notes	Asset Owners have been requested to respond to you via these contact details, please ensure they are correct. Where Asset Owners charge for plans they have been requested to send you a quote before proceeding.		

Enquiry Details			
Scheme/Reference	(4040) Portsdown Hill Road, Bedhampton, Havant		
Enquiry Type	Planned Works	Work category	Development Projects
Start date	01/01/2014	Work type	Housing
End date	Not supplied	Site size	550 metres diameter
Searched location	PO9 3JD	Work type buffer*	25 metres
Confirmed location	469424 106230	LS Reference	LS-131002-WP-918-IQK

Site Map



V3.3.0

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* The WORK TYPE BUFFER is a distance added to your search area based on the Work type you have chosen.

Asset Owners

Subject always to our standard terms and conditions, this enquiry result is valid for 28 days only from the date of enquiry and is based on the confirmed information you entered. If the location of the work changes then a further enquiry must be made. Should the work not be undertaken within 28 days of the enquiry then a further enquiry must be made.

Where applicable listed below are those registered Asset Owners who have been notified, those to whom you need to send further information and those who have no apparatus within your search area. In addition your response will include other non-registered Asset Owners contact details who have NOT been notified, which may be of interest to you.

Please be aware that the lists below are not exhaustive and that not all Asset Owners are registered with this service. In particular please note that the LineasearchbeforeUdig system only contains information on National Grid's Gas above 2 bar asset and all National Grid Electricity Transmission asset. For National Grid Gas below 2 bar asset information please go to www.beforeyoudig.nationalgrid.com

If you are required to email additional info please note that we need the following:

Site contact name and number, Location plan, Detailed plan (minimum scale 1:2500), Cross sectional drawings (if available), Work Specification.

Asset Owners who DO have assets near your proposed work site.

In the Zone of Interest

No LineasearchbeforeUdig Asset Owners within the Zone of Interest

LineasearchbeforeUdig Asset Owners who DO NOT have assets in the immediate vicinity of your proposed work site.

Not in the Zone of Interest

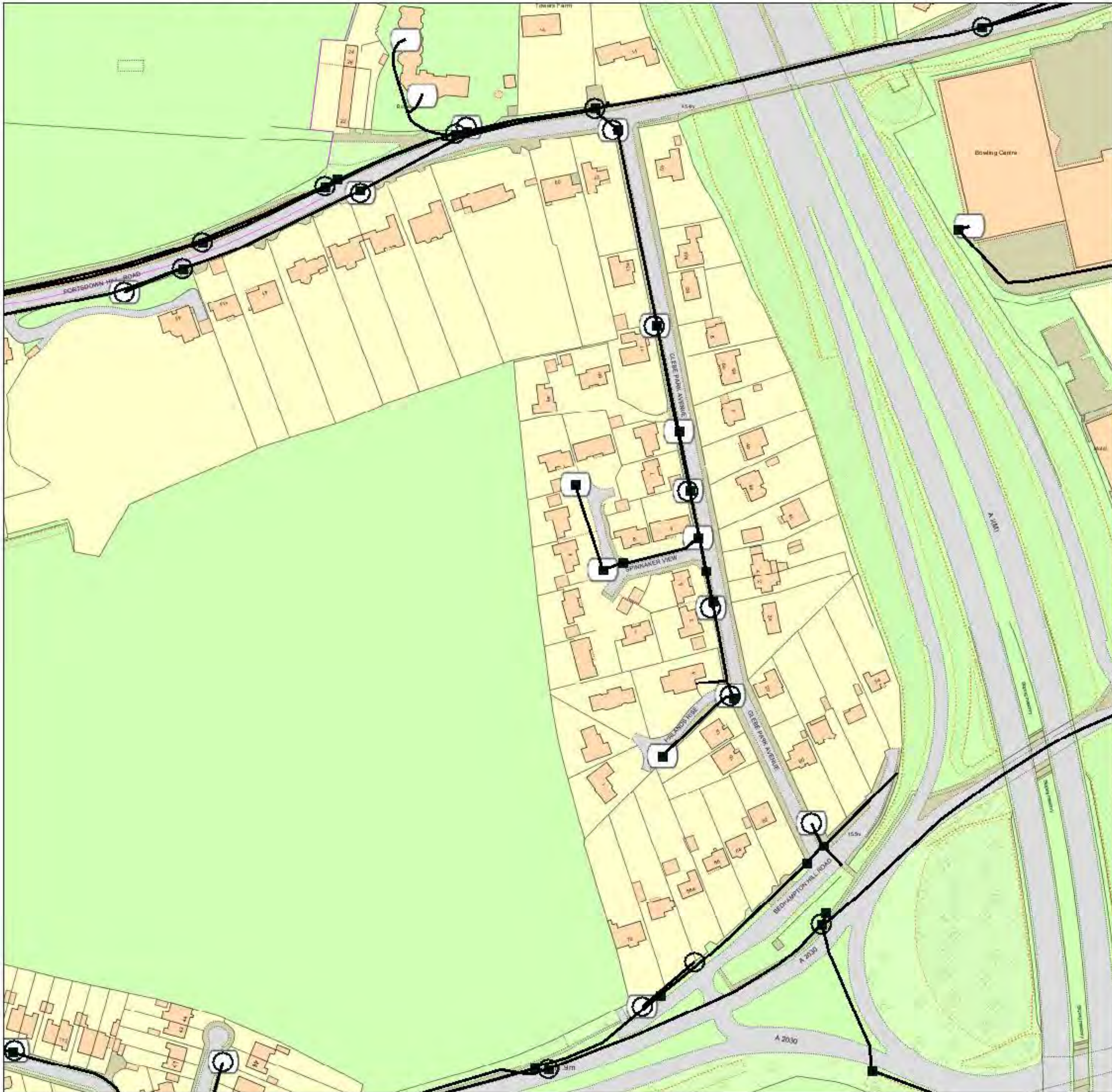
AWE Pipeline	Gamma	Sea Fibre Networks
EirGrid	Lark Energy	Seabank Power Ltd
ESP Utilities Group	National Grid Gas (above 2 bar) and National Grid Electricity Transmission	Transmission Capital

Disclaimer

The results of this Enquiry have been provided for the sole use of the Enquirer and no other party. The asset information on which the Enquiry results are based has been provided by LineasearchbeforeUdig members, LineasearchbeforeUdig will provide no guarantee that such information is accurate or reliable nor does it monitor such asset information for accuracy and reliability going forward. There are also asset owners which do not participate in the enquiry service operated by LineasearchbeforeUdig, including but not exclusively those set out above. Therefore, LineasearchbeforeUdig cannot make any representation or give any guarantee or warranty as to the completeness of the information contained in the enquiry results.

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Maps by email Plant Information Reply



IMPORTANT WARNING

Information regarding the location of BT apparatus is given for your assistance and is intended for general guidance only. No guarantee is given of its accuracy.

It should not be relied upon in the event of excavations or other works being made near to BT apparatus which may exist at various depths and may deviate from the marked route.

DIAL BEFORE YOU DIG

FOR PROFESSIONAL ON SITE ASSISTANCE PRIOR TO COMMENCEMENT OF EXCAVATION WORKS

ADVANCE NOTICE REQUIRED
(Office hours: Monday-Friday 08.00 to 17.00)

Tel: 0800 9173993
E-mail: dbyd@openreach.co.uk
Website: www.dialbeforeyoudig.com

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KEY TO BT SYMBOLS

	UNDERGROUND PLANT		POLE
	OVERHEAD PLANT		CABINET
	JOINT BOX		BURIED JOINT
	DISTRIBUTION POINT		JOINTING POST
	MANHOLE		PROPOSED U/G
	DP BOUNDARY		PROPOSED O/H
	OTHER BT BOUNDARY		PROPOSED BOX

Other proposed plant is shown using dashed lines. BT symbols not listed above may be disregarded. Existing BT plant may not be recorded. Information valid at the time of preparation.

openreach
a BT Group business

BT Ref : FPL03069B

Map Reference : (centre) SU6942406230

Easting/Northing : (centre) 469424,106230

Issued : 02/10/2013 15:06:28

FOOTNOTE: WARNING IT IS ESSENTIAL THAT YOU CONTACT NATIONAL NETWORK HANDLING CENTRE BY EMAIL nnhc@openreach.co.uk BEFORE PROCEEDING WITH ANY WORK IN THE HATCHED AREA

Please reply to: Swindon Office

Our Ref: SC/sc/4040vm

1st October 2013

Plant Enquiries Team
Virgin Media Services
Unit 1 to 12 and Link
Mayfair Business Park
Bradford
Yorkshire
BD4 8PW

Dear Sirs

Re: Portsdown Hill Road, Bedhampton, Havant, PO9 3JD

We act on behalf of our client and attach a plan showing the above site. We would be obliged if you could return details of your existing apparatus located within the site area.

Please find enclosed a cheque payment of £51.60 for the records, and we would be grateful if you could send us a receipt of payment.

Yours faithfully



Sarah Coates
Technical Administrator
scoates@coleeasdon.com

Encl:



COLE EASDON
CONSULTANTS

- Civil Engineering
- Highways
- Transportation
- Flood Risk
- Sustainable Drainage
- Travel Plans
- Road Safety Audits
- Construction Design Management (CDM)

Swindon Office:

Unit 2, York House
Edison Park
Dorcan Way
Swindon
Wiltshire
SN3 3RB

Tel: 01793 619965

Fax: 01793 619967

cec@ColeEasdon.com

www.ColeEasdon.com

Bristol • Swindon • Warrington

Head Office & Registered Office: Unit 2, York House, Edison Park, Dorcan Way, Swindon, Wiltshire, SN3 3RB

Incorporated in UK as Cole Easdon Consultants Limited No. 202 7005





**Sarah Coates
Cole Easdon Consultants
Unit 2, York House
Edison Park
Dorcan Way
SN3 3RB**

Virgin Media
Field Services
Units 1-12
Broad Lane
Mayfair Business Park
Bradford
Yorkshire
BD4 8PW

Tel: 0870 888 3116 Opt 2
Fax: 01268 468557

Plant Enquiry Ref: VM/CIP/173451
Your Letter Date: 02.10.13
Your Ref:
Date: 11/10/2013

Dear Mrs Coates

Enquiry Location: **Portsmouth, Hill Road, Havant, PO9 3JD**

Thank you for your enquiry regarding work at the above location.

Virgin Media and Viatel plant should not be affected by your proposed work and no strategic additions to our existing network are envisaged in the immediate future.

Should your request be in relation to a New Development and you require an estimate to be prepared for Virgin Media to service your proposed development, please submit this request for costs along with site drawings (scale 1:500) to:

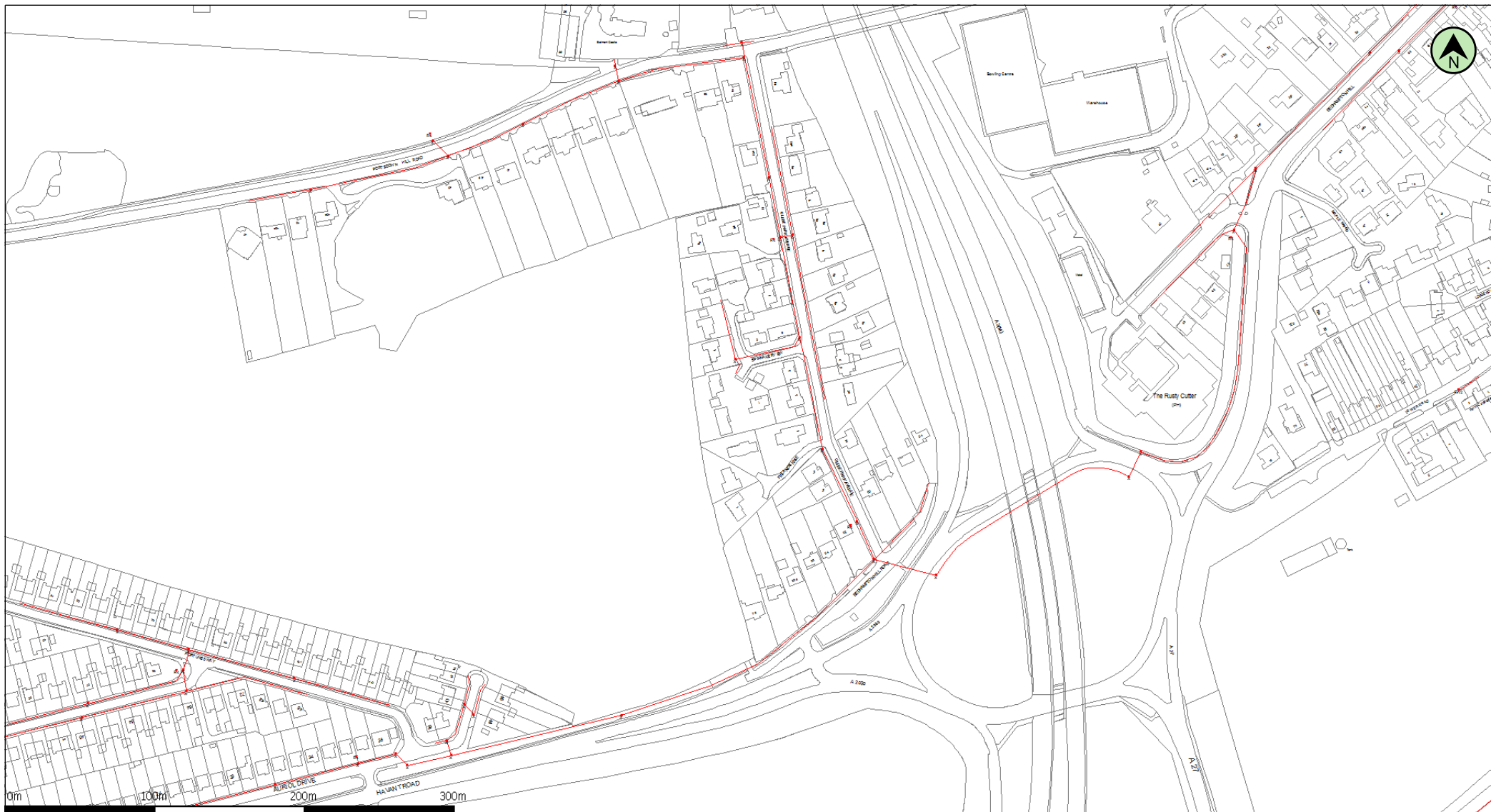
Virgin Media
New Build
Virgin Media
1 Dove Wynd
Strathclyde Business Park
Bellshill
ML4 3AL

This information is only valid on the date of issue. If your start date is 3 months or more from the date of this letter, please re-apply for updated information.

Yours faithfully,

National Plant Enquiries Team
email: plant.enquiries.team@virginmedia.co.uk

Please note: National Plant Enquiries Team (Bradford) cover and respond to plant enquiries for all ex ntl:Telewest franchise areas.



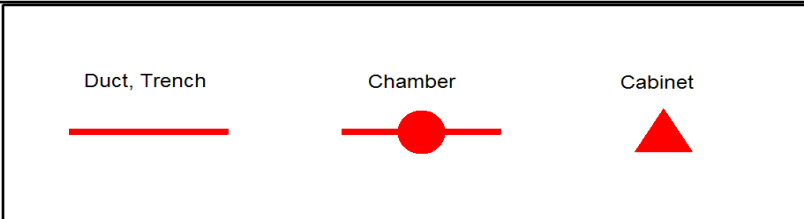
(c) Crown Copyright and database rights 2011 Ordnance Survey 100019209 Date: 11/10/13 Scale: 1:3611 Map Centre: 469455.5,106186.8 Data updated: 25/08/13 Telecoms Plan A4

Important Information - please read

The purpose of this plan is to identify Virgin Media apparatus. We have tried to make it as accurate as possible but we cannot warrant its accuracy. In addition, we caution that within Virgin Media apparatus there may be instances where mains voltage power cables have been placed inside green, rather than black ducting. Further details can be found using the 'Affected Postcodes.pdf', which can be downloaded from this website.

Therefore, you must not rely solely on this plan if you are carrying out any excavation or other works in the vicinity of Virgin Media apparatus. The actual position of any underground service must be verified by cable detection equipment, etc. and established on site before any mechanical plant is used. Accordingly, unless it is due to the negligence of Virgin Media, its employees or agents, Virgin Media will not have any liability for any omissions or inaccuracies in the plan or for any loss or damage caused or arising from the use of and/or any reliance on this plan.

This plan is produced by Virgin Media Limited from Ordnance Survey © Crown Copyright 100019209



gailalison.whelan@virginmedia.co.uk	
PO9 3JD	



Sarah Coates

From: Sarah Coates
Sent: 01 October 2013 09:38
To: osm.enquiries@atkinsglobal.com
Subject: (4040) Portsdown Hill Road, Bedhampton, Havant, PO9 3JD
Attachments: 4040 Site Location Plan (Utilities).pdf

Dear Sirs

We act on behalf of our client and attach a plan showing the above site. We would be obliged if you could return details of your existing apparatus located within the site area (Grid Reference SU 69325 06231).

We are aware that there is a payment of £48.40 for this service. We do already have an online account set up where we have previously made a payment, therefore if you can send us the reference code to the email address below we will make payment online to obtain the records.

Thank you
Sarah Coates

SARAH COATES BA (HONS)
Technical Administrator

COLE EASDON CONSULTANTS
Bristol ~ Swindon ~ Warrington

E-mail: scoates@ColeEasdon.com | Web: www.ColeEasdon.com

Swindon Office Tel: +44 (0) 1793 619965 | Fax: +44 (0) 1793 619967
Unit 2, York House, Edison Park, Dorcan Way, Swindon, Wiltshire, SN3 3RB (Head Office)

Offices also at:

Bristol Office Tel: +44 (0) 1454 800474 | Fax: +44 (0) 1454 629738
Warrington Office Tel: +44 (0) 1925 661707 | Fax: +44 (0) 1925 661800

CIVIL ENGINEERING • TRANSPORT PLANNING • WATER MANAGEMENT • ENVIRONMENTAL

Incorporated in the UK as Cole Easdon Consultants. Company Registration No.: 202 7005
Registered Office: Unit 2, York House, Edison Park, Dorcan Way, Swindon, Wiltshire, SN3 3RB

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Please consider the environment before printing this email.

From: Jamadar, Arif <Arif.Jamadar@atkinsglobal.com>
Sent: 03 October 2013 06:18
To: Sarah Coates
Subject: RE: (4040) Portsdown Hill Road, Bedhampton, Havant, PO9 3JD

This response is made only in respect to electronic communications apparatus forming part of the Vodafone Limited electronic communications network formerly being part of the electronic communications networks of Cable & Wireless UK, Energis Communications Limited, Thus Group Holdings Plc and Your Communications Limited.

Please accept this email as confirmation that Vodafone **does not** have apparatus within the vicinity of your proposed works detailed below.

Many thanks.

Plant Enquiries Team
T: 01454 662881
E: osm.enquiries@atkinsglobal.com

ATKINS working on behalf of



PLEASE NOTE:

The information given is indicative only. No warranty is made as to its accuracy. This information must not be solely relied upon in the event of excavation or other works carried out in the vicinity of Vodafone plant. No liability of any kind whatsoever is accepted by Vodafone, its servants, or agents, for any error or omission in respect of information contained on this information. The actual position of underground services must be verified and established on site before any mechanical plant is used. Authorities and contractors will be held liable for the full cost of repairs to Vodafone's apparatus and all claims made against them by Third parties as a result of any interference or damage.

Diversions may be necessary if the existing line of the highway/railway or its levels are altered, where apparatus is affected. Where apparatus is affected and requires diversion, you must submit draft details of the proposed scheme with a written request for a 'C3 Budget Estimate' to the above address. These estimates should be provided normally within 20 working days from receipt of your written request. Please include proof of this C2 response when requesting a C3.

From: Sarah Coates [mailto:scoates@ColeEasdon.com]
Sent: 01 October, 2013 2:08 PM
To: National Plant Enquiry's
Subject: (4040) Portsdown Hill Road, Bedhampton, Havant, PO9 3JD

Dear Sirs

We act on behalf of our client and attach a plan showing the above site. We would be obliged if you could return details of your existing apparatus located within the site area (Grid Reference SU 69325 06231).

We are aware that there is a payment of £48.40 for this service. We do already have an online account set up where we have previously made a payment, therefore if you can send us the reference code to the email address below we will make payment online to obtain the records.

Thank you
Sarah Coates

SARAH COATES BA (HONS)
Technical Administrator

COLE EASDON CONSULTANTS
Bristol ~ Swindon ~ Warrington

E-mail: scoates@ColeEasdon.com | Web: www.ColeEasdon.com

Swindon Office Tel: +44 (0) 1793 619965 | Fax: +44 (0) 1793 619967
Unit 2, York House, Edison Park, Dorcan Way, Swindon, Wiltshire, SN3 3RB (Head Office)

Offices also at:

Bristol Office Tel: +44 (0) 1454 800474 | Fax: +44 (0) 1454 629738
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Please consider the environment before printing this email.

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Consider the environment. Please don't print this e-mail unless you really need to.

Please reply to: Swindon Office

Our Ref: SC/sc/4040envoy

1st October 2013

Envoy
Driscoll 2
Ellen Street
Cardiff
CF10 4BP

Dear Sirs

Re: Portsdown Hill Road, Bedhampton, Havant, PO9 3JD

We act on behalf of our client and attach a plan showing the above site. We would be obliged if you could return details of your existing apparatus located within the site area.

Please find enclosed a cheque payment of £65.00 for the records, and we would be grateful if you could send us a receipt of payment.

Yours faithfully



Sarah Coates
Technical Administrator
scoates@coleeasdon.com

Encl:



COLE EASDON
CONSULTANTS

- Civil Engineering
- Highways
- Transportation
- Flood Risk
- Sustainable Drainage
- Travel Plans
- Road Safety Audits
- Construction Design Management (CDM)

Swindon Office:

Unit 2, York House
Edison Park
Dorcan Way
Swindon
Wiltshire
SN3 3RB

Tel: 01793 619965

Fax: 01793 619967

cec@ColeEasdon.com

www.ColeEasdon.com

Bristol • Swindon • Warrington

Head Office & Registered Office: Unit 2, York House, Edison Park, Dorcan Way, Swindon, Wiltshire, SN3 3RB

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From: nrswa@gtc-uk.co.uk
Sent: 03 October 2013 15:32
To: Sarah Coates
Subject: gtcstdlt NRSWA Not Affected Email Sc/sc/4040envoy

Site Ref: SC/sc/4040envoy *ENVOY & GTC*

Date: 03 October 2013

Dear Sarah

Re: Portsdown Hill Road, Bedhampton, Havant PO9 3JD. **APPARATUS NOT AFFECTED**

Thank you for your enquiry concerning apparatus in the vicinity of your proposed work.

We can confirm that we have **no** apparatus in the vicinity but please note that other asset owners may have and that you should ensure that all transporters/ distributors have been consulted.

Please note our assets now include those owned and operated by:

- GTC Pipelines Limited
- Independent Pipelines Limited
- Quadrant Pipelines Limited
- Electricity Network Company Limited
- Independent Power Networks Limited
- Independent Water Networks Limited
- Independent Fibre Networks Limited

All future plant enquiries must contain accurate Easting and Northing references to enable us to process your enquiry efficiently.

Yours sincerely

Maggie Ketteridge

Engineering Support Officer

GTC

NOTE:

This E-Mail originates from GTC, Energy House, Woolpit Business Park, Woolpit, Bury St Edmunds, Suffolk, IP30 9UP

VAT Number: GB688 8971 40. Registered No: 029431.

DISCLAIMER

The information in this E-Mail and in any attachments is confidential and may be privileged. If you are not the intended recipient, please destroy this message, delete any copies held on your system and notify the sender immediately. You should not retain, copy or use this E-Mail for any purpose, nor disclose all or any part of its content to any other person. Whilst we run antivirus software on Internet E-Mails, we are not liable for any loss or damage. The recipient is advised to run their own up to date antivirus software.

Thank you

Cole Easdon Consultants

Unit 2 York House

Edison park

Dorcan Way

Swindon

Wiltshire SN3 3RB

FAO: Stuart Starr BSc (Hons)



20th January 2014

Our Ref: 203550/BLP1DZ/PH

Your Ref: SS/sc/4040bt

Dear Sir

**Proposed Developement
Adj 70 Bedhampton Hill, Bedhampton, Havant, PO9 3JP
Telecommunications Code P2/20**

Thank you for your Detailed Scheme dated 20th December 2013 and copy of Drawing Number 4040/SK502.

I am returning one copy of your drawing marked up showing approximate positions of Openreach existing apparatus and details of our proposed alterations.

Attached to this letter is a Detailed Specification and cost estimate of the works required.

This cost estimate contains elements that reflect anticipated cost levels rather than the actual costs and as with all estimates these cost elements may change. Openreach customer requirements often mean that our network is enhanced and expanded. Therefore, the estimate provided is an indication of the final costs, based on the network existing at the date of this letter. In the event of your scheme being delayed for any significant period, it may be prudent to request a revised detailed estimate before committing to the scheme.

Before any Openreach work, or work affecting Openreach apparatus can commence on site, we require your formal agreement to the Specification of Works and provisional programme timescales which needs to take into account the requirement for a three month notice period to the relevant Highway Authority for programmed Openreach works in the public highway. You should signify this by returning the Specification with the agreement section signed, together with your official order. If you also enclose a cheque for your payment in advance of the estimated cost, we will be able to progress the works while the invoice is prepared and sent to you.

We offer a free site visit service to locate and mark the position of Openreach apparatus within your work area. To arrange a site visit from a Plant Protection Officer call 0800 023 2023 Fax: Email: dbyd@openreach.co.uk

If you wish to discuss your proposals further, or would like to arrange a meeting please do not hesitate in contacting me. In addition could you please nominate a representative, who once work is in progress, would be able to authorise any changes required.

Yours faithfully

Paul Hockaday Prince 2 Practitioner
Project Engineer

Openreach
Pp 3004
Portsmouth Central Exchange
Portsmouth
PO1 2BZ
www.openreach.co.uk

tel 0203 251 6579
Int +44 203251 6579
mob 07917 021755
e-mail
paul.hockaday@openreach.co.uk

British Telecommunications plc
Registered Office:
81 Newgate Street, London EC1A 7AJ
Registered in England and Wales no. 1800000

Network Alterations Diversionary Works Payment Details

Please forward your order (free from contractual conditions) and the estimated sum of £4,888.75 (including VAT).

There are two ways to pay:

1. By Cheque

- This is our preferred method of payment
- Please make cheques payable to **British Telecommunications Plc**
- Send your cheque with your order / letter of authorisation to proceed with the works to the Project Engineer shown below (order not to contain contractual conditions)
- Write your cheque number here: _____
- Write the cheque amount here: £ _____

2. Using Bank Automated Clearing Services (BACS)

When your order / letter of authorisation to proceed with the works has been received an invoice for payment will be returned with the necessary BACS payment details.

Please quote the Openreach reference number / invoice number otherwise payment may not be allocated to your job.

N.B. For either method of payment please complete this form and return with your order / letter of authorisation to the Project Engineer, address below. Please remember, however you pay, the works will not commence until this form and your payment have been received.

Title/Location of Work	Proposed Developement, Adj 70 Bedhampton Hill, Bedhampton, Havant, PO9 3JP
Project Engineer Name	Paul Hockaday
Postal Address	pp3004, Portsmouth Central Exchange, King Henry 1st Street, Portsmouth, Hampshire, PO1 2BZ
Openreach Reference	203550/BLP1DZ/PH
Company Name	Cole Easdon Consultants
Client Contact	Stuart Starr BSc (Hons)
Client Tel	01793 619965

For advice or assistance in completing this form please call Dave Howes 0114 2772213
Our VAT number is **245719348**



RECEIVED

23 DEC 2013

Cole Easdon Consultants
Unit 2, York House
Edison Park
Dorcan Way
Swindon
Wiltshire SN3 3RB

Developer Services
Southern Water
Southern House
Sparrowgrove
Otterbourne
Hampshire
SO21 2SW

Tel: **0330 303 0119**
Email: **developerservices@southernwater.co.uk**

Your Ref:
SS/sc/4040sw3
Our Ref:
CC/001901

Date:
20 December 2013

F.A.O: Mr. Stuart Starr,

Site: Land at Portsdown Hill Road, Bedhampton, Havant, Hampshire, PO9 3JD.

Dear Sirs,

Further to your recent application for a level 2 enquiry regarding the above development site.

FOUL WATER

Please find enclosed the report which details the extent of works required in order for your proposed development site to be accommodated within the local sewerage infrastructure. It should be noted that the report is only a hydraulic solution to provide capacity for the proposed development site. There are other options available to you/ your client in discharging your proposed flows from the site such as making a connection application/requisition to a sewer at a point where capacity is currently available. Section 98 of the Water Industry Act 1991 provides a legal mechanism through which the appropriate infrastructure can be requested (by the developer) and provided to drain a specific location.

As you are aware the owner or occupier of the premises or private sewer or drain must give the sewerage undertaker notice of the proposed works. Upon receipt of the notice the undertaker may, within 21 days, refuse to allow him to make the connection if it considers that the mode of construction or the condition of the connecting sewer or drain either does not satisfy the standards reasonably required by the undertaker, or is such that the making of the communication would be prejudicial to its sewerage system.

The right of refusal is limited to these criteria alone and the undertaker cannot refuse to allow the connection on the grounds that the sewerage system is inadequate to take the extra liquid that the connection will discharge into it. This is a matter that should be dealt with at the planning stage.

Yours faithfully



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.



**STUDY INTO THE OPTIONS FOR
FOUL DRAINAGE PROVISION AT
LAND AT PORTSDOWN HILL ROAD
BEDHAMPTON
HAVANT
HAMPSHIRE
PO9 3JD**

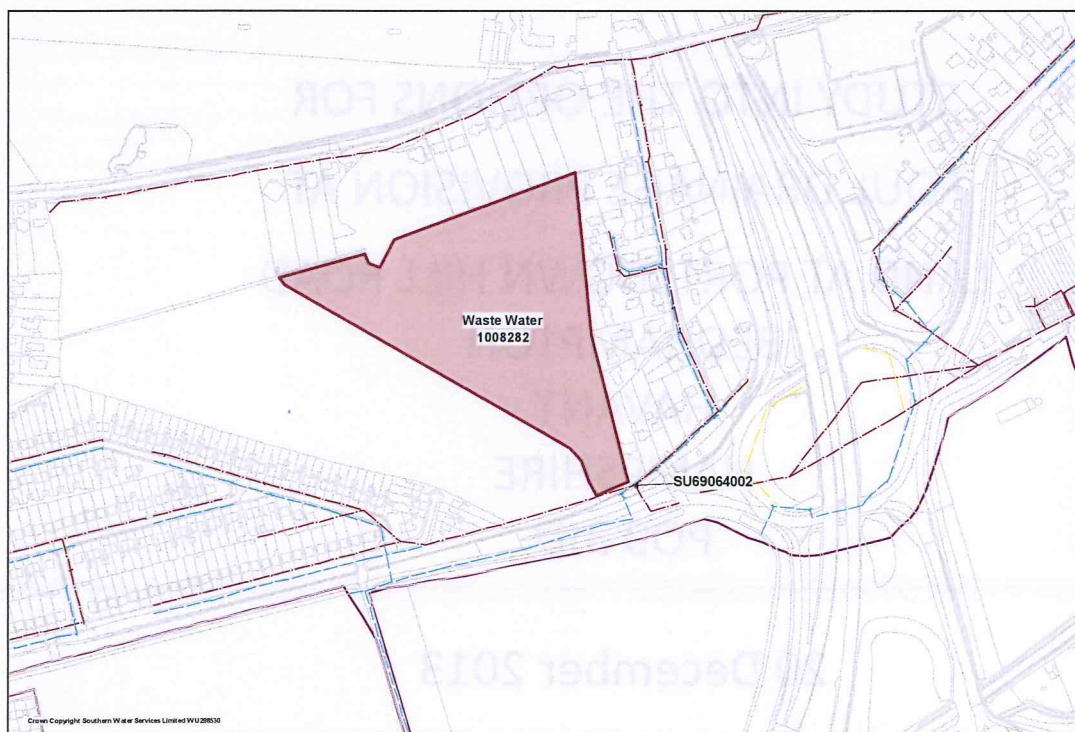
20 December 2013

**REQUESTED:
COLE EASDON CONSULTANTS**

Development Details:

The proposal is to discharge 2 l/s of foul flow to the local foul sewerage systems at manhole reference SU69064002 which is located in Bedhampton Hill Road.

Figure 1 - Proposed Development



II. Results and Conclusions:

Foul Water:

There is currently inadequate capacity within the local foul sewerage network to accommodate a flow of 2 l/s at manhole reference SU69064002. The proposed development would increase flows to the local network and as a result existing properties and land may be subject to a greater risk of flooding.

Additional off-site sewers or improvements to existing sewers will be required to provide sufficient capacity to service the proposed development as indicated in Figures 2 & 3 and Table 1.

Alternatively, the nearest point where capacity is currently available is at Budds Farm WTW located approximately 1400 metres south east of the proposed development site. Section 98 of the Water Industry Act 1991 provides a legal mechanism through which the appropriate infrastructure can be requested (by the developer) and provided to drain a specific location.

Figure 2- Proposed Improvements – Foul system

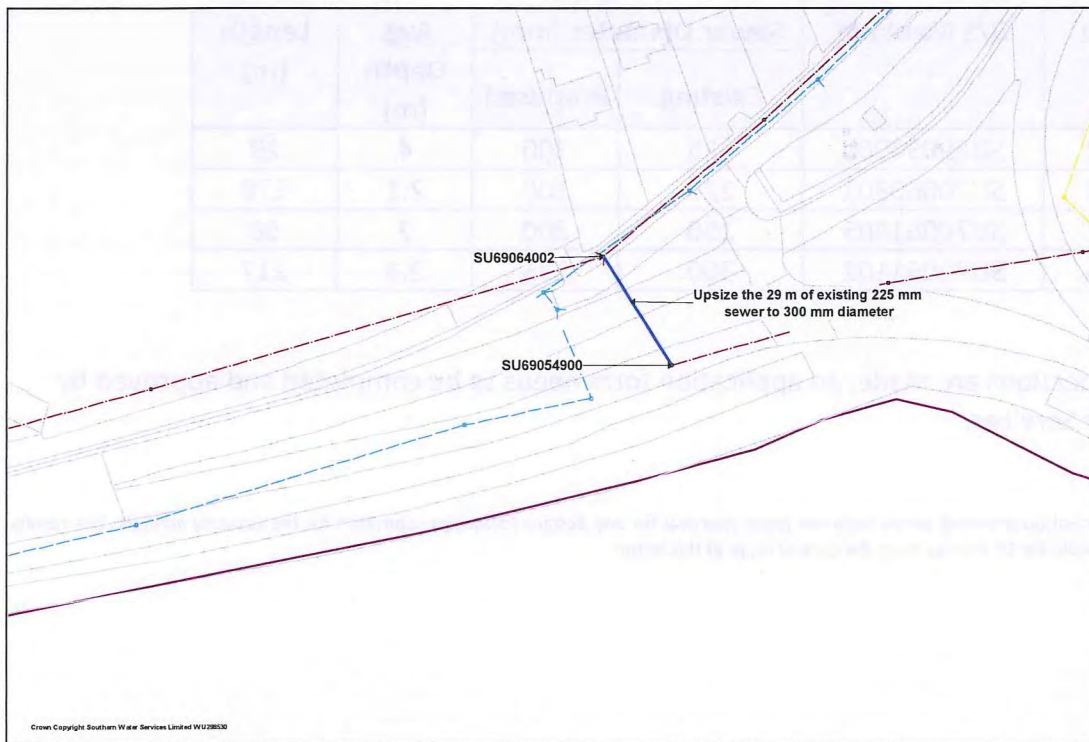
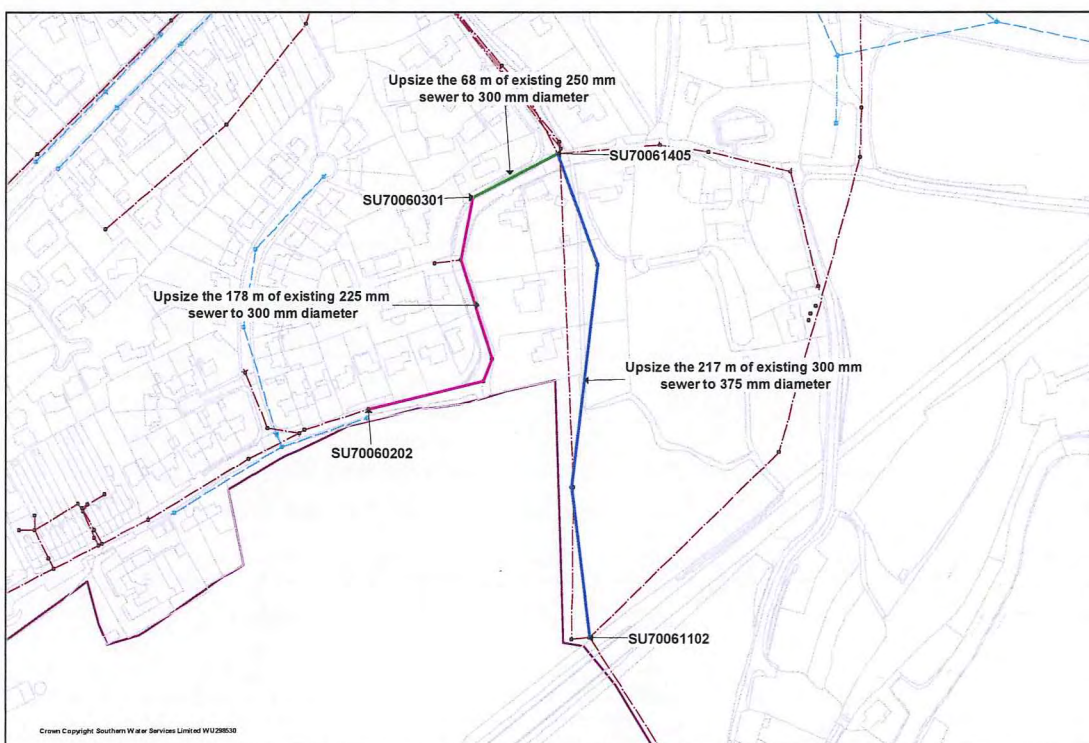


Figure 3 - Proposed Improvements – Foul Flow



Study into the Options for Foul Water Drainage Provision along Bedhampton Hill Road, Budds Farm

Table 1 Proposed Improvements Schedule

U/S Manhole	D/S Manhole	Sewer Diameter (mm)		Avg. Depth (m)	Length (m)
		Existing	Proposed		
SU69064002	SU69054900	225	300	4	29
SU70060202	SU70060301	225	300	2.1	178
SU70060301	SU70061405	250	300	2	68
SU70061405	SU70061102	300	375	2.8	217

Before any connections are made, an application form needs to be completed and approved by Southern Water 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.

PUBLIC SEWER RECORD

DETAILED CLIENT ESTIMATE (PRO-FORMA) FORM: P10
APPENDIX B

Scheme Title: Proposed Developement
Client Name/Company: Stuart Starr BSc (Hons), Cole Easdon Consultants
Client Reference: SS/sc/4040bt
Location of Work: Adj 70 Bedhampton Hill, Bedhampton, Havant, PO9 3JP
Openreach Ref: 203550/BLP1DZ/PH
Date: 20th January 2014
Issue: 1

	CREDIT	DEBIT
Direct Labour Costs		£1,574.68
Contract Costs		£2,499.28
Material Costs		£0.00
Other Costs		£0.00
Total Costs or Expenses		£4,073.96
TOTAL ESTIMATED COST (ex. VAT)		£4,073.96
VAT CONTENT		£814.79
TOTAL ESTIMATED COST (inc. VAT)		£4,888.75

This estimate is produced in accordance with the following:
1. New Roads and Street Works Act 1991.
2. Code of Practice: Measures Necessary where Apparatus is Affected by Major Works (Diversionary Works).

SPECIAL REQUIREMENTS WHEN WORKING IN THE VICINITY OF OPENREACH APPARATUS

- 1 In this special requirement the following terms shall have these meanings assigned to them:-
 - a) 'Company' means Openreach – a BT Group Company
 - b) 'Company Representative' means the staff of Openreach, or its authorised representatives or Agents
 - c) 'Apparatus' means all boxes, cabinets, poles and plant including any associated cabling and/or ducting owned by Openreach.
- 2 All works in the public highway are subject to the New Roads and Street Works Act 1991, and the Promoter of the work is legally responsible to bear the cost of safeguarding Apparatus. The "highway" includes carriageway, verges, footpaths, etc.
- 3 Before commencing any work, or moving of heavy plant or equipment over any portion of the site the contractor shall confirm details of Apparatus, owned, leased or rented by the Company, within the site, with the Company Representative, who can be contacted for free on site assistance during office hours, prior to commencement of works :-

Tel : 0800 023 2023

E-mail : dbyd@openreach.co.uk

Seven working days notice is required.

(Office hours : Monday to Friday 08:00 to 17:00)

Further information is available at:

<http://www.openreach.co.uk/orpg/home/contactus/avoidingnetworkdamage/protectingnetwork/networkprotection.do>

Compliance with the above requirements does not relieve the Contractor of any of his obligations under the Contract.

- 4 Apparatus maps are also available at:
<http://www.openreach.co.uk/orpg/home/contactus/avoidingnetworkdamage/locatinggournetwork/mapbyemail.do> .
- 5 Where such details show that the works or the movement of plant or equipment may endanger the Apparatus, the Contractor must give the Company Representative at least 7 days notice of the date on which it is intended to commence such works or the movement of plant or equipment in order that the presence of any sub-surface Apparatus can be indicated by markers to be supplied by the Company and placed by the Contractor under supervision of the Company Representative. The Contractor shall ensure that all Apparatus, particularly surface running cable, is adequately protected from damage and the Engineer shall approve such protective measures.

- 6 In the event of a Company marker being disturbed for any reason it shall not be replaced other than in the exact position and to its former depth unless the repositioning is carried out at the direction and under the supervision of the Company Representative.
- 7 The Contractor shall take particular care in relation to the protection of Apparatus, where such Apparatus includes the presence within the site of optical fibre and/or co-axial cabling. The Contractor shall make every effort to avoid the disturbance of the Company's network which, if damaged, can prove costly to reinstate. The Contractor shall make every effort to avoid the disturbance of Apparatus more than is absolutely necessary for the completion of the works in accordance with the Contract. When excavating, or backfilling around Apparatus, the Company Representative shall be given adequate notice, which should be not less than 7 days, of the Contractor's intentions in order that he may supervise the works. The Contractor should note that the normal depth of cover for Apparatus and ducts is as follows :-
 - a) in footways 350mm, which is to be maintained
 - b) in carriageways 600mm, which is to be maintained.

Where the 350/600mm depth of cover cannot be maintained the Contractor shall carry out the instructions of the Company Representative for the protection of the Apparatus. Where the required depth of cover cannot be maintained over cabling, such cables may have to be diverted.

- 8 All excavation adjacent to Apparatus is to be carried out by hand until the exact extent and/or location of Apparatus is known. Mechanical borers and/or excavators shall not be used within 1.0 metre of Apparatus or 2.0 metres of any pole without the supervisory presence of a Company Representative. To prevent any movement of Apparatus during excavation, complete shuttering shall be used as directed by the Engineer if :-
 - a) excavation is deeper than the depth of cover of adjacent Apparatus
 - b) excavation is within 1.0 metre of Apparatus in stable soil
 - c) excavation is within 5.0 metres of Apparatus in unstable soil

If for completion of the works the Contractor intends using any of the following: -

- a) pile driving equipment within 10.0 metres of Apparatus
- b) explosives within 20.0 metres of Apparatus
- c) laser equipment within 10.0 metres of Apparatus

- the Contractor shall advise the Company Representative, in writing, in order that any special protective measures for the Apparatus affected may be arranged.

- 9 All Company manhole, joint box and/or other access points and chambers within the site shall be kept clear and unobstructed. Access for vehicles, winches, cable drums and/or any further equipment required by the Company for the maintenance of its Apparatus must be maintained at all reasonable times. The Contractor should particularly note the footway type chambers are not specified for carriageway loading and will need to be adequately protected and/or demolished and rebuilt under supervision of a Company Representative where such chambers are likely to be placed at risk, either temporarily or permanently, from the movement of plant and/or equipment on the site. The Company Representative shall be given reasonable access to all Apparatus and chambers when required. Where OPENREACH installs Apparatus during the works this new Apparatus shall be treated as existing Apparatus for the purpose of these Special Requirements.
- 10 For Frame and Covers that necessitate a change in level please contact the local office. If you wish to provide recessed frames and covers they will have to be supplied by the Company's agreed supplier. The Contractor must be prepared to supply and install such frames and covers in future, and must supply names of who will be liable for future maintenance.

- 11 In the event of any damage whatsoever to Apparatus the Contractor must immediately inform BT and report the occurrence as follows :-

**Call Openreach fault reporting on:
0800 0232023**

WARNING

**Entry into all Openreach underground structures is prohibited to all
unauthorised personnel.**

Openreach Specification of Alteration Works

1. Project Title and Location

Proposed Development access road construction
Adj 70 Bedhampton Hill, Bedhampton, Havant, PO9 3JP.

2. Promoting Authority / Client for Works

Hampshire County Council.

3. Legislation

3.1 *Legislation under which Client Working*

NR&SWA Sections 83/84/86, Highways Act 1980.

3.2 *Legislation under which Openreach Works are proposed*

Telecommunications Code P2/20.

4. Details of Existing Openreach Apparatus

Existing Openreach apparatus consists of duct as shown in detail on the Clients drawings as defined in Appendix A which have been marked by Openreach.

5. Reasons Diversions Required

Existing Openreach apparatus will be affected by the construction of the Proposed Development scheme. The proposed access road affects existing Openreach apparatus.

6. Proposals for Openreach Works

The proposed diversionary works are shown on the drawings returned to the Client and marked by Openreach. Appendix A refers. These drawings show the existing and proposed duct layout. It should be noted that this specification details an estimate of the cost and nature of the work required (Appendix B). Changes to these proposals will be undertaken in accordance with the monitoring and control of this project (see section 10).

6.1 *Civil Engineering Works*

6.1.1 *Duct Diversion*

New ducts of an equivalent capacity to the affected plant (or the nearest alternative) will be installed as a replacement to the affected plant. The duct(s) will be installed at standard depths of cover wherever possible. All new apparatus provided for the purposes of diversionary works will be installed as specified by Openreach's current engineering policies and practices.

7. Materials / Methods of Construction / Non-Standard Construction

Standard Openreach materials and methods of construction will be used. Deviations from these standards could increase the cost base and the timescale of the work (see section 9).

8. Site Requirements

8.1 *Traffic Management*

Traffic management will be the responsibility of the Client and/or the Client appointed contractor. Openreach will be responsible for off-site traffic management, the estimated costs of which have been included in the cost estimate. Should additional traffic management costs be identified during the works these will be notified under change control.

8.2 *Ground Conditions Including Contamination*

Openreach has no information as to ground conditions or information as to any ground contamination and has prepared its Estimate and Specification on the basis that the ground conditions will not in any way impede or restrict the progress of Openreach works or involve Openreach in any way in incurring additional charges in dealing with ground conditions or ground contamination.

It is essential Openreach is informed of any ground contamination known or found whilst site works proceed. This will enable Openreach to ensure Health and Safety at Work Act and Construction Design and Management requirements are met for Openreach contractors and personnel. This will also enable any special materials, and/or construction methods to be utilised. This would involve additional costs, for which the Client will be responsible.

8.3 Compulsory Purchase / Wayleaves

Any compulsory purchases must be finalised before Openreach work starts on site. Openreach must be notified in writing of the legal status of any land subject to purchase orders compulsory or otherwise before any apparatus is installed in, under or over such land. Openreach will not install apparatus within private land without an agreed wayleave. Openreach will arrange all appropriate wayleaves to place plant within private property, whether on a temporary or permanent basis. Openreach will not commence any works that are subject to private wayleave(s) until such time as written acceptance has been obtained from the appropriate parties. Openreach will not be held responsible for any delays incurred whilst negotiating private wayleaves. Costs incurred in order to secure the appropriate wayleave(s) may be chargeable and passed on to the Client.

8.4 Access

24-hour physical and legal access will be required for all sites of diversionary works. As other Statutory Undertakers are expected to be working in close proximity, detailed co-ordination of all works will be required, see section regarding Construction Design Management. Any losses, expense or costs incurred by delays to Openreach programme of works by the obstruction of the works by other Statutory Undertakers or Client, or Client agents, contractors or sub-contractors will not be the liability of Openreach.

8.5 Position of New Apparatus

The positioning of all new overhead and underground apparatus has been assumed. The actual positioning will be dependent upon the ground being free from obstructions and the results of any trial excavations required for feasibility. If the proposed positions are subject to change, the cost base and the timescale of the work could be increased. This is especially important in the case of civil engineering work (e.g. lowering), where an obstruction will require the full diversion of the affected apparatus which would invalidate the provisional or agreed programme of Openreach specification of works. It is stressed that while trial excavations give a good indication of the feasibility of lowering, it cannot guarantee the lowering can be achieved. Should the diversion of other Undertakers or interested parties apparatus be required to enable Openreach to complete its operations, the required works will be notified to the Client and/or agent under the Change Control procedure (see section 10.2).

8.6 Security Arrangements

Openreach must be informed of any special security arrangements anticipated for the control of protestors. Openreach contractors and personnel will be instructed to avoid confrontation, wear visible identification and vacate any site should any protest become physical or violent. Whilst appreciating the role of private security personnel, should Openreach personnel or contractors be threatened on site and require protection, the police will be requested to provide assistance. Any additional charges incurred due to the disruption of works will be identified to the Client and/or agents under the Change Control procedure (see section 10.2).

8.7 *Lines and Levels*

Before any works can be started on site, a guaranteed mark and level of the proposed kerb line provided by the on site main contractor to a minimum standard of every 10m over the length of Openreach's diversions. All new Openreach apparatus will be installed in the line and level as directed by the main contractor. Only instructions issued by the Client or Client's agent will be acted upon.

8.8 *CDM Regulations Requirements*

Openreach will comply with the current Construction Design and Management Regulations (CDM). Where CDM regulations apply method statements and risk assessments will be provided by Openreach or to Openreach. Please advise Openreach of the Client appointed Planning Supervisor.

8.9 *Claims for Compensation for Disruption of Businesses*

Any claims for compensation for disruption of business made against Openreach by a third party due to the required Openreach works will be forwarded to the Client for payment or settlement. This will apply except where claims arise from the negligence of Openreach.

9. *Programme / Timing of Works*

Subject to available resources, the timescales for each section have been estimated. The preparation of works instructions and formation of a detailed programme should start on receipt of the agreement to this specification and an official order (Appendix C5 of Code of Practice). Openreach will endeavour to comply with the Client agreed timescales.

9.1 *Completion Dates*

Due to the complex nature of Openreach diversions and the possible conflict between different Statutory Undertakers works, Openreach is not able to guarantee completion dates for its diversionary works.

9.2 *NR&SWA Noticing Arrangements*

The start dates for the work will be dependent upon the advance notice timescales required by the Highway Authority under the Traffic Management Act (TMA) / Transport Scotland Act (TSA) as applicable.

9.3 *Extended Day Working*

It should be noted that extended hours may be utilised as deemed necessary by Openreach in order to ensure the proposed timescales are achieved. Premium charges may apply.

10. *Monitoring and Control*

The project will be monitored and controlled at two separate levels:

10.1 *Project Management*

Openreach will employ project management techniques to monitor and control delivery of the agreed project. Charges relevant to project management time are included in the cost estimate of the works. Cost controls will be monitored on a +/-10% variance to the agreed cost and approval sought at the regular project review meetings. Variances greater than +/-10% to the agreed cost estimate will be referenced to the Client for approval.

10.2 *Changes*

Changes to the authorised project plan will be agreed with the Client to ensure time, cost and quality standards are maintained. Changes to this specification and Openreach works can only be authorised and agreed by the people referred to in section 12. Appendix C will be used by both parties to this agreement for Change Control authorisation. A Change Control register will be maintained by both parties. The form to be completed by either party to initiate a change to

the agreed specification and faxed to the other party for a signature of agreement to the change request. The form then returned by fax to the originator. Any work that is the subject of a change request must not proceed until agreed by both parties using Appendix C.

11. Treatment of Disputes

If any dispute arises between Openreach and the Client or its representatives, the parties will use their reasonable endeavours to settle the dispute in accordance with the following procedures:

Any dispute, which has not been settled by the nominated representatives of both the Client and Openreach within 28 days of the matter being raised, may be escalated to the dispute first level, by notice of writing to the other party (Repayments Project Manager / Client or Client nominated 1st tier representative).

If the dispute is not resolved at the first level within 21 days of the escalation either party may refer to the second level (National Repayments Manager / Client or Client nominated 2nd tier representative).

The parties nominated representatives and the people to whom a dispute must be escalated at the first and second levels are detailed in the 'Dispute Levels' section of this specification. If a dispute is not resolved after the procedures set out have been followed then either party shall follow the resolution procedure in the New Roads and Street Works Act Diversionary Code of Practice.

12. Contacts

12.1 Client and Client Representative

Name	Client Stuart Starr BSc (Hons)	Client Representative
Title	Engineer	
Company	Cole Easdon Consultants	
Telephone	01793 619965	
Fax	01793 619967	

12.2 Openreach Management Team

Project Manager Project Engineer(s)	Name Mick Adams	Telephone 01202 206 395 0203 251 6579	Fax 01202 311 457
	Paul Hockaday		

13. Dispute Levels

13.1 First Level

Name	Openreach Mick Adams	Client
Title	Repayments Project Manager	
Telephone	01202 206 395	
Fax	01202 311 457	

13.2 Second Level

Name	Openreach Dave Shield	Client
Title	National Repayments Manager	
Telephone	01670 590569	
Fax		

14. Issue Status

Issue 1 - 24th December 2013

15. Agreement

The above specification of the Openreach works required as a consequence of this scheme is agreed and the associated estimate of costs has been noted.

I agree to Openreach commencing the work in accordance with the provisional programme.

(*) A cheque / copy of my BACS remittance slip is attached / Please send an invoice for payment.

(*Delete as necessary)

(Note - except for a highway authority client, Openreach cannot start work until your payment is received)

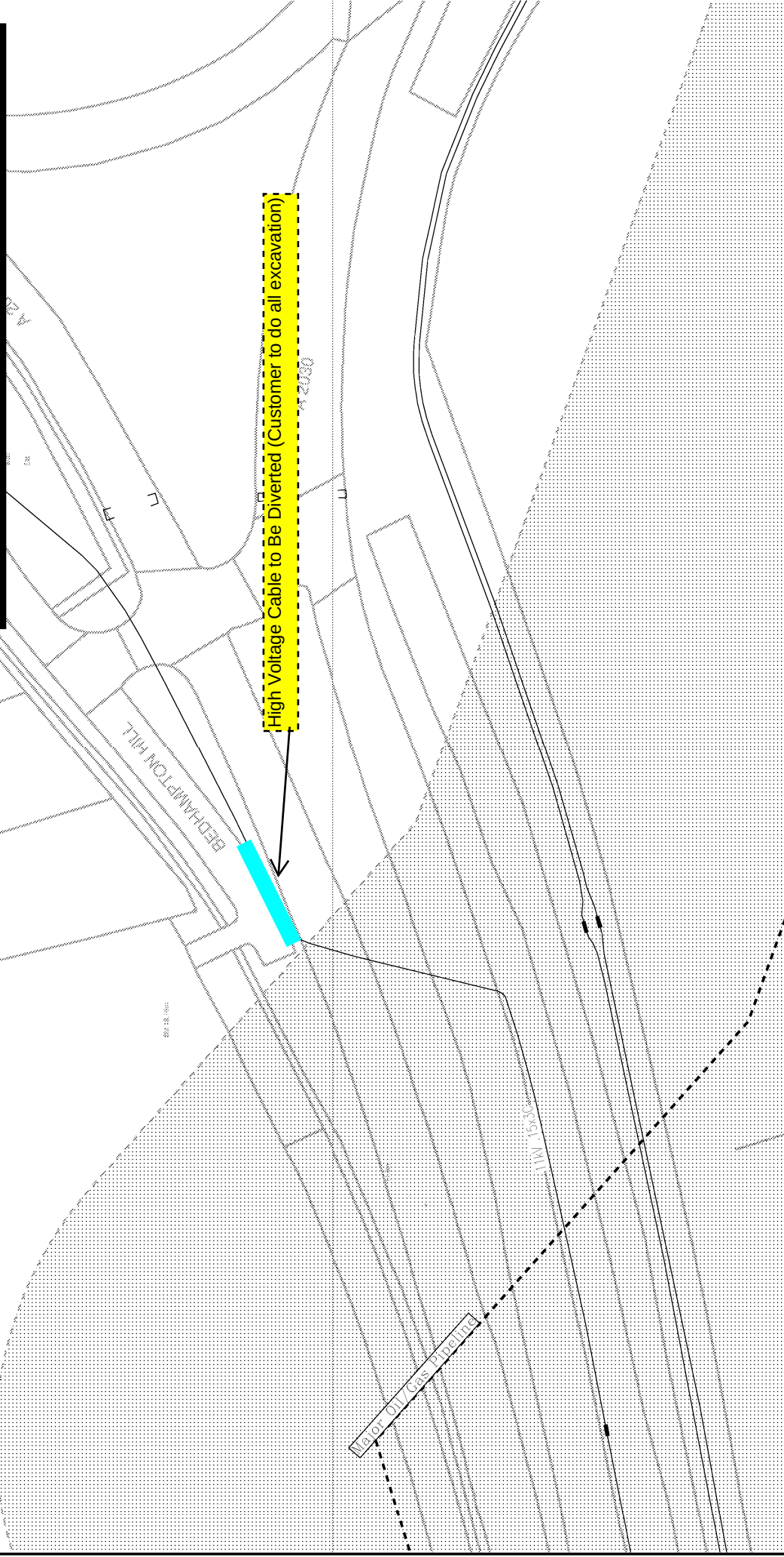
	Openreach	Client
Signature		
Print Date		



WARNING

ENVIRONMENTAL ISSUES IN PLOT AREA

MAJOR PIPELINE WITHIN 50M VICINITY CONTACT WWW.LINESEARCHBEFOREUDIG.CO.UK
OR PIPELINE OPERATOR. (OTHERS MAY EXIST)



NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID			
services	lv	h.v.	e.h.v.
FOOTPATH	0.40m	0.45m	0.60m 0.75m
ROAD CROSSING	0.60m	0.60m	0.75m 0.80m
lv./services	- up to 1000V.		
h.v.	- over 1000V. to 11,000V.		
e.h.v.	- 22,000V. to 132,000V.		

WARNING

There may have been subsequent alterations to the surface levels. Trial holes must be dug to confirm the depth of the cable. The cable may be damaged by excavation work. Health and Safety Executive - avoiding danger from buried cables - should be consulted before commencing excavation work. (available from HSE)

WHEN WORKING IN THE VICINITY OF OVERHEAD LINES THE HEALTH AND SAFETY GUIDANCE WITH USE SHOULD BE CONSULTED (AVAILABLE FROM HSE)

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Scottish and Southern Energy

H.V. MAINS RECORD

PORTSMOUTH
023-9262-4200

Grid Ref: SU69470600

Scale: 1:500

Date: 25/02/2014



ENVIRONMENTAL ISSUES IN PLOT AREA

MAJOR PIPELINE WITHIN 50M VICINITY CONTACT WWW.LINESEARCHBETOREUDIG.CO.UK
OR PIPELINE OPERATOR. (OTHERS MAY EXIST)



NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID

	services	l.v.	h.v.	e.h.v.
FOOTPATH	0.40m	0.45m	0.60m	0.75m
ROAD CROSSING	0.60m	0.60m	0.75m	0.90m
l.v./services	- up to 1000V.			
h.v.	- over 1000V. to 11,000V.			
e.h.v.	- 22,000V. to 132,000V.			

WARNING

There may have been subsequent alterations to the surface levels. Trial holes must be taken to determine positions and depth of cables. HS (I) 47 Booklet from the Health and Safety Executive - Avoiding Danger from Buried Cables - should be consulted before commencing excavation work. (available from HNSO)

WHEN WORKING IN THE VICINITY OF OVERHEAD LINES THE HEALTH AND SAFETY GUIDANCE NOTE G50 SHOULD BE CONSULTED. (AVAILABLE FROM HSE50)

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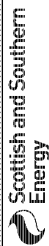
L.V. MAINS RECORD

PORTSMOUTH
023-9262-4200

Grid Ref: SU69470600

Scale: 1:500

Date: 25/02/2014



Cole Easdon Consultants
Fao Mr Stuart Starr
Unit 2 York House
Edison Park
Dorcan Way
Swindon
Wilts
SN3 3RB

Scottish & Southern Energy
PO Box 93
Portsmouth
Hampshire
PO6 2YP

Direct Dial 023 92 624 123
Fax 023 92 624 548

Email Andy.doe@sse.com

25/2/2014

Your site reference: EAN256
Your Reference: Diversion @ Bedhampton Hill Portsdown
Hill Road Bedhampton Havant.

Dear Sir

C3 Budget Estimate for Diversions

[Diversion @ Bedhampton Hill Portsdown Hill Road Bedhampton Havant.](#)

Thank you for your enquiry dated 25-2-2014 about altering our electrical equipment at the above location. I am pleased to provide this C3 Budget Estimate to meet your requirements.

You should now be in receipt of our cable records provided by the SSEPD Mapping Service.

I have reviewed your proposed changes in the affected area and have the following comments:

Super Tension Extra High Voltage (EHV) 132,000volt network

- There are NO Super Tension EHV cables at this location.

Extra High Voltage (EHV) 33,000volt network

- There are NO EHV cables at this location.

High Voltage (HV) 11,000volt network

- There are HV cables at this location.

Low Voltage (LV) 230/400volt Network

- There are LV cables at this location.

You may consider hand dug investigation excavations and/or a ground radar survey as necessary, and part of your risk assessment process, please inform the local depot of this for safety reasons, costs may be incurred for supervision by an SSEPD Engineer, contact me for costs if required.

I have provided a Budget Estimate cost based on a desktop study, and your plans.

The cable diversions are deemed to be necessary based on:-

New Roads and Street Works Act 1991 (Diversionary Works COP)

5.2 Change in Depth of Cover

5.2.1 Highway Engineering Considerations

5.2.2 Apparatus Considerations

5.3 Change in Lateral Position

5.3.4 Frequency of Access

5.3.5 Safety of Staff

5.4 Apparatus at Risk During Construction

Diversions are in line with Figures 1 & 2 within this document

The HV Cable requires diversion as the existing cable will be in the new carriageway, and/or will be liable to damage if left in situ.

The LV Cable requires diversion as the existing cable will be in the new carriageway, and/or will be liable to damage if left in situ.

Any cable must be not less than 75mm below the formation level of a road, any cables exposed should be split ducted for protection and advice sought from the local depot.

High Voltage Cables must have a minimum depth of 300mm and a maximum depth of 1200mm below the bearing surface.

Low Voltage Cables must have a minimum depth of 300mm and a maximum depth of 1000mm below the bearing surface.

EHV Cables minimum and maximum depths must be confirmed, especially if of the oil filled type.

The consequences of any cable failure may be such that access, repair or replacement must be possible without delay.

- Our plans do not show all low voltage service connections or street lighting connections and you should carry out a local site survey to check where this type of equipment is present, this Budget Estimate does not take into consideration any street furniture etc electricity supplies.
- If you require assistance with alterations involving supplies to street furniture, lighting etc. our contracting company SEC can provide assistance.
- If you do not have an existing contact within SEC then please call the Local Depot for local contact details Tel' No 01983 817100

What we will do:

We will alter our supply cables and equipment as shown on the attached plans. Cables will be replaced on nearest, but not lower, capacity basis, and will take into account the derating of cables due to possible ducting.

What we will charge:

The Budget Estimate cost of the LV & HV work is. £7,656.58 + VAT.

The Budget Estimate Total cost of this work is. £9,187.90 inc VAT.

No cables are expected to be recovered, therefore no scrap value will apply.

Deferment of renewal allowance will only apply when EHV circuits over 500 metres are renewed.

Deferment of renewal allowance will only apply when HV circuits over 250 metres are renewed.

Deferment of renewal allowance will only apply when LV circuits over 100 metres are renewed.

What you will need to do:

I have priced our work on the assumption that you or your appointed contractor will undertake all trenching and ducting on site and Highway also provide any Traffic Management Required.

You or your appointed contractor will need to provide all the Traffic Management in liaison with the SSEPD Team Manager/Engineer.

Where Wayleaves and Easements are required you will be expected to pay the cost of obtaining them.

Since your project may involve work in the vicinity of our equipment. You are advised to refer to the following documents before commencement of your works:

- **Health & Safety Executive's Guidance Note HS(G)47 "Avoiding Danger from Underground Services"**
- **Health & Safety Executives' Guidance Note G.S. 6 "Avoidance of Danger from Overhead Electric Lines"**
- **"Electricity at Work Regulations 1989"**

If during the course of this project you damage our equipment, then the cost of repair, and any claims made on us, will be invoiced to you or your contractors. If you intend to employ contractors, it is essential that you inform them of the up to date details of our plant and the contents of this letter. Southern Electric does not relinquish its rights to any of its property, including disconnected cables or recovered materials.

What to do next

If you wish to proceed to C4 quotation please let me know.

I trust the above information is sufficient for your purposes. If you require further information or clarification do not hesitate to contact me.

I therefore look forward to hearing from you.

Yours sincerely

Andrew Doe
Network Development Designer

Enclosures:
Terms and Conditions
GIS Cable Records

Should you have any concerns relating to this Budget Estimate please contact me using the details on the first page of this letter and I will try to resolve any issues directly with you.
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