



Contact Us **Mapping Enquiries:**

General Enquiries: All areas

Date Requested: 01/08/2018 Job Reference: 13409110 Site Location: 570970 157723 Requested by: Miss Naomi Thamba Your Scheme/Reference: 182600 SITE B **Exact Scales:** 1:1000 Area or Circle dig site

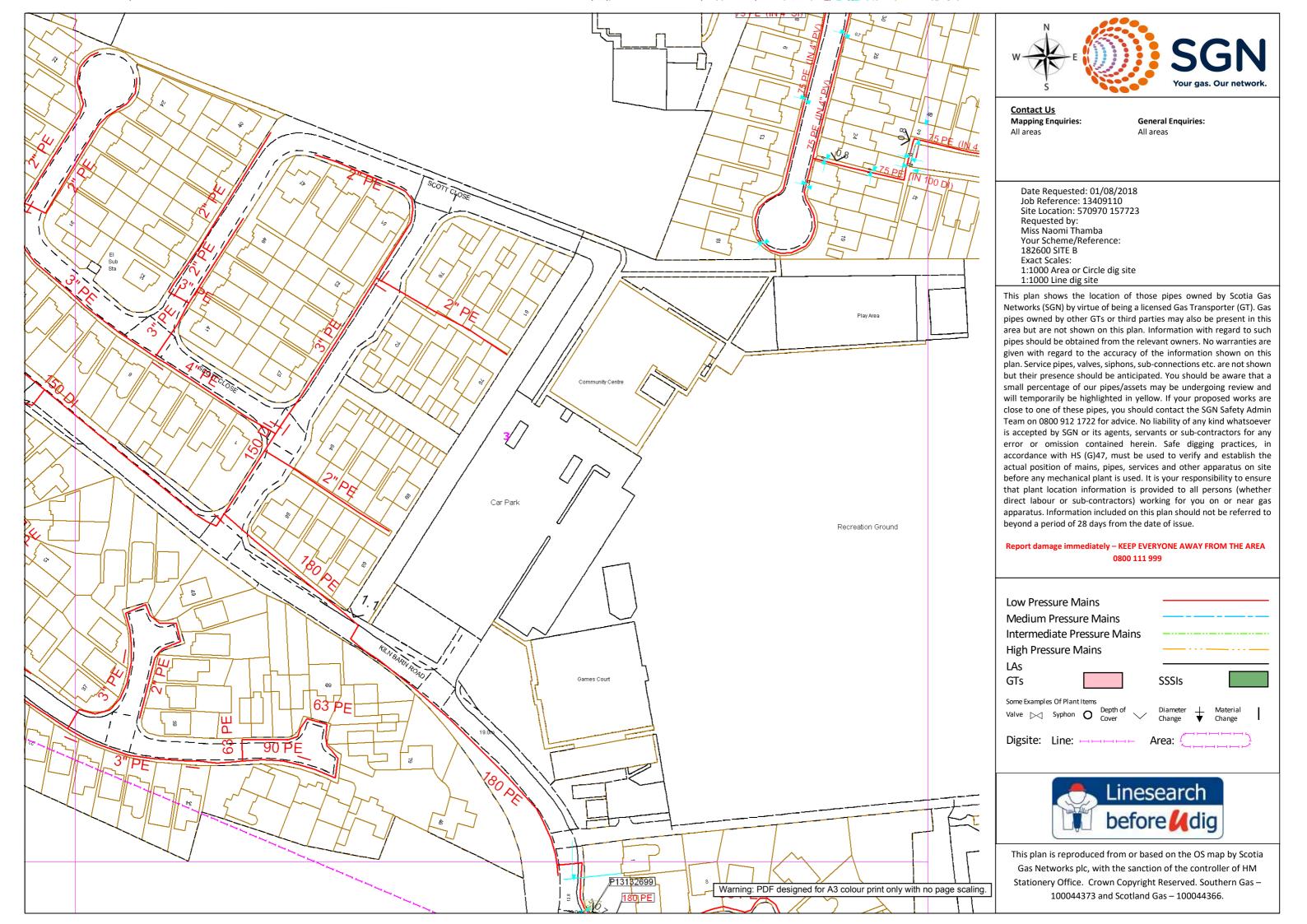
This plan shows the location of those pipes owned by Scotia Gas Networks (SGN) by virtue of being a licensed Gas Transporter (GT). Gas pipes owned by other GTs or third parties may also be present in this area but are not shown on this plan. Information with regard to such pipes should be obtained from 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 Safety Admin Team on 0800 912 1722 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.

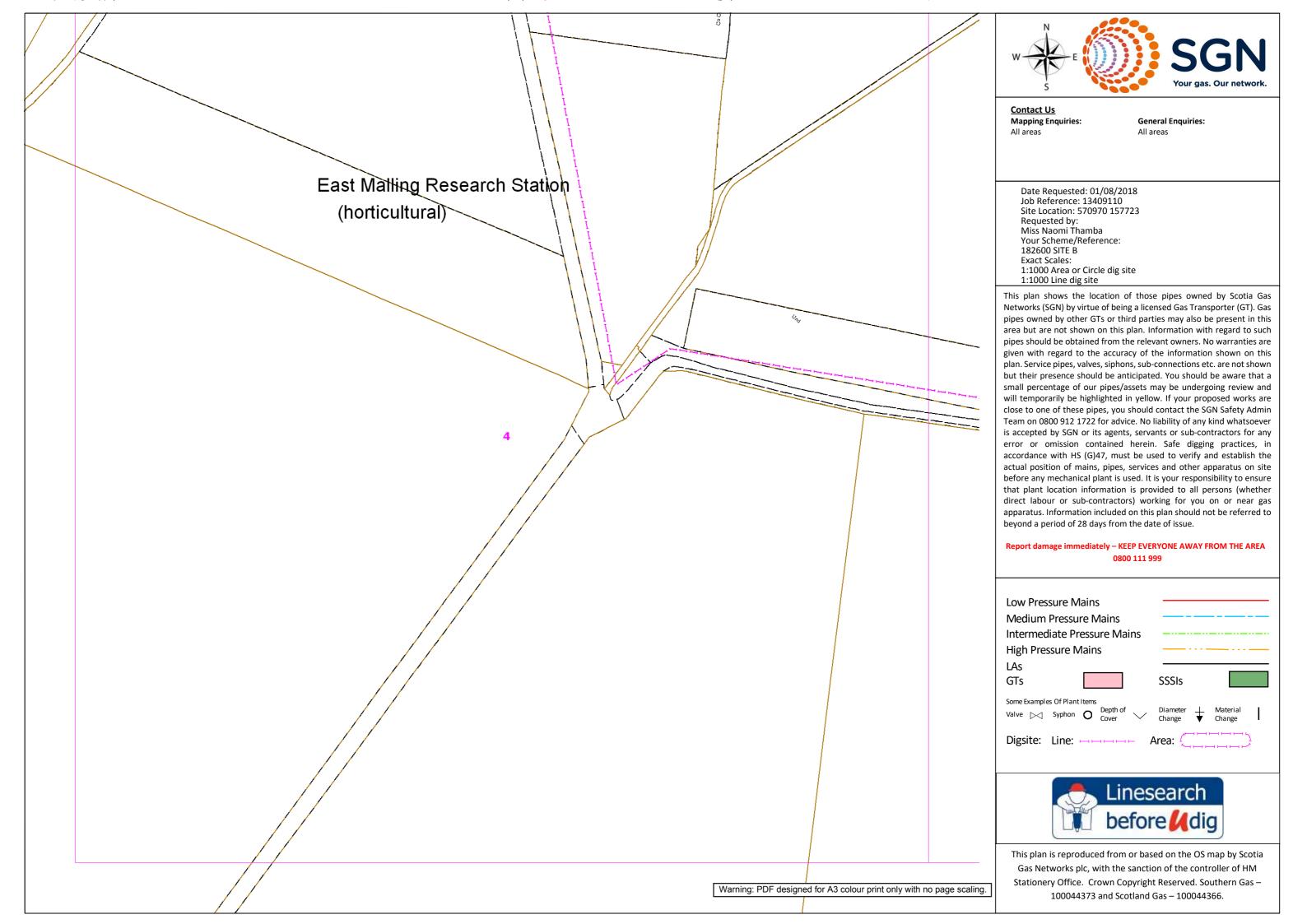
Report damage immediately – KEEP EVERYONE AWAY FROM THE AREA 0800 111 999

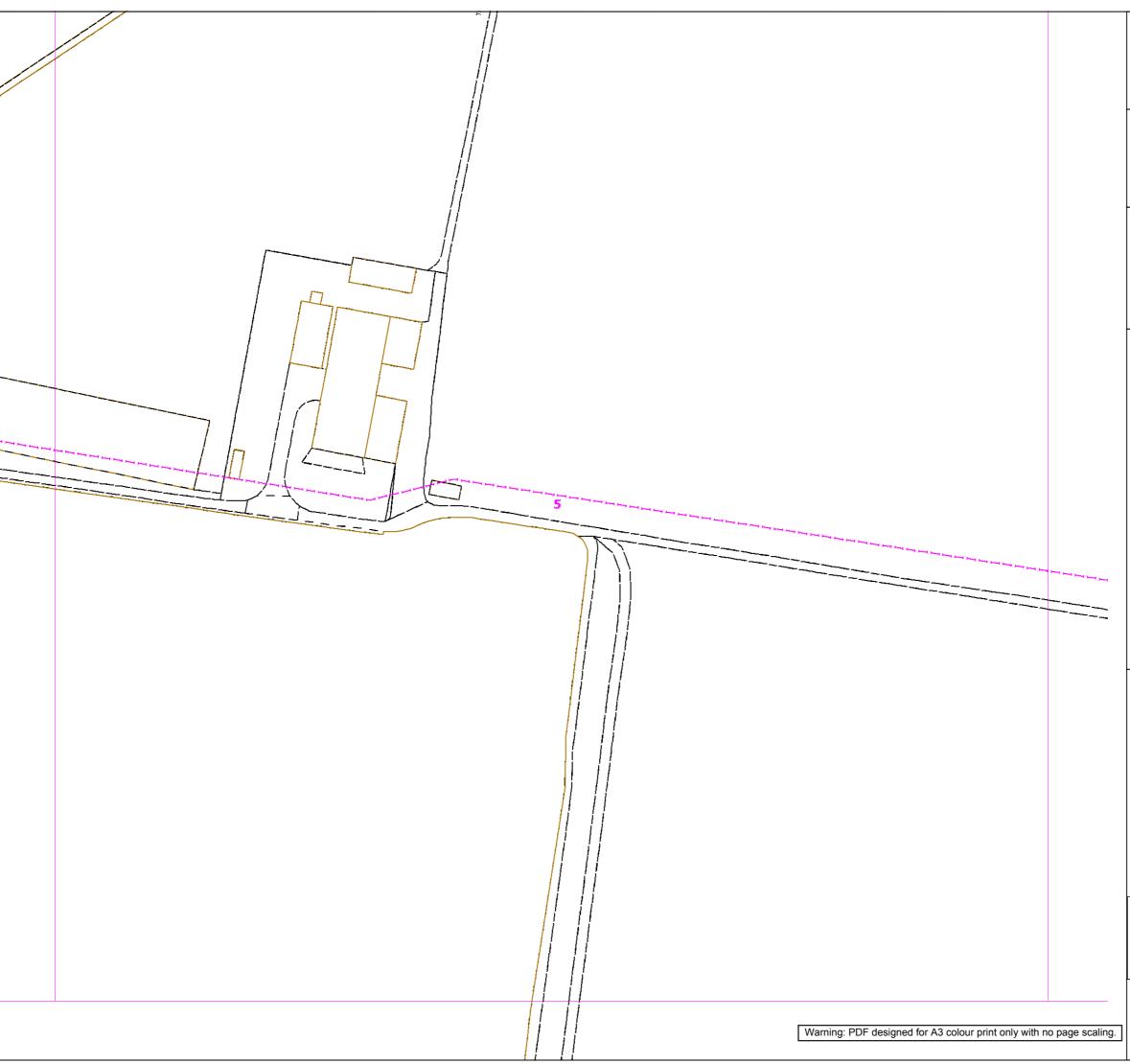
Low Pressure Mains Medium Pressure Mains Intermediate Pressure Mains High Pressure Mains Valve Syphon O Cover Digsite: Line:



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1:1000 Area or Circle dig site 1:1000 Line dig site

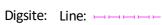
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Low Pressure Mains **Medium Pressure Mains Intermediate Pressure Mains High Pressure Mains** LAs

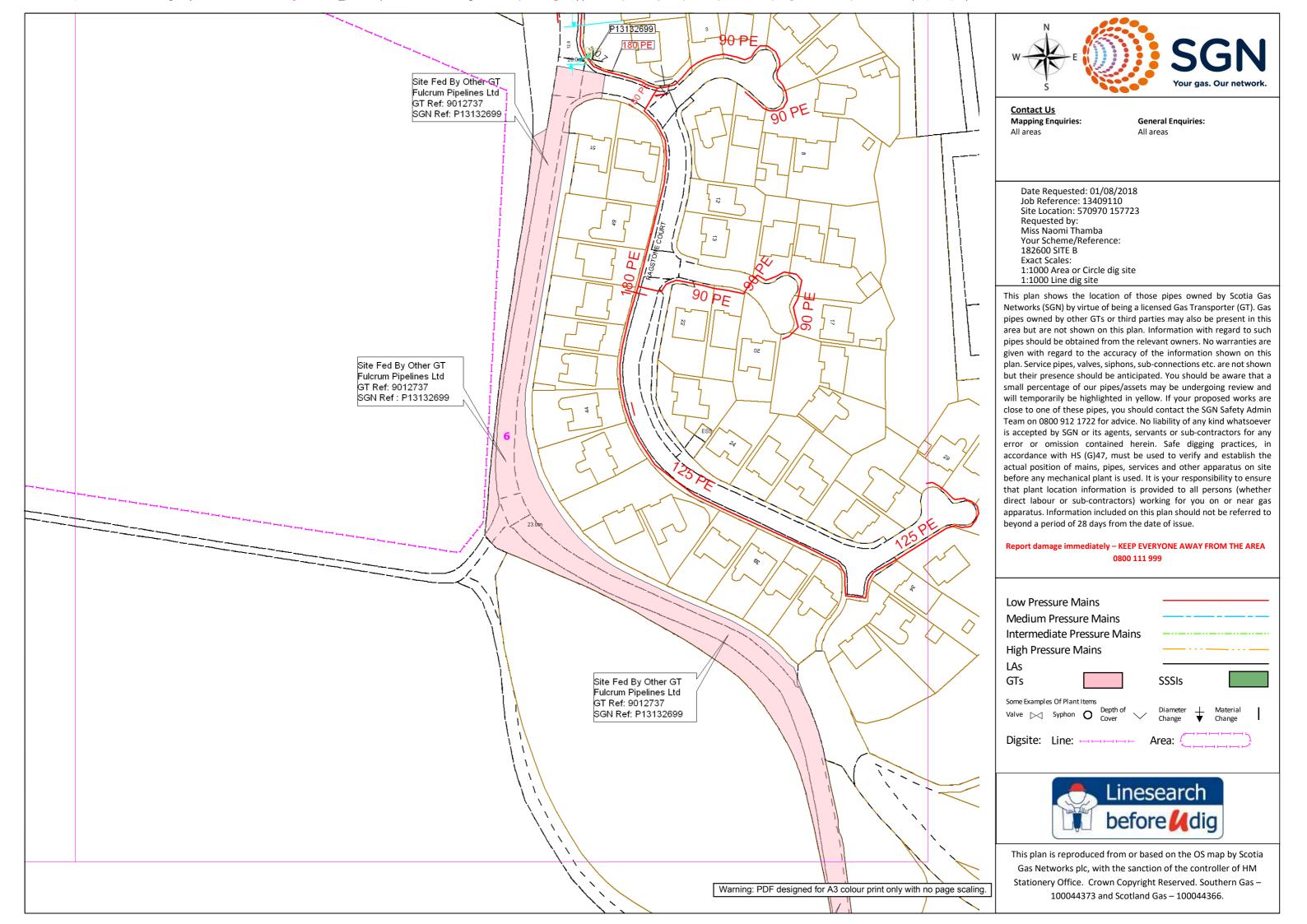


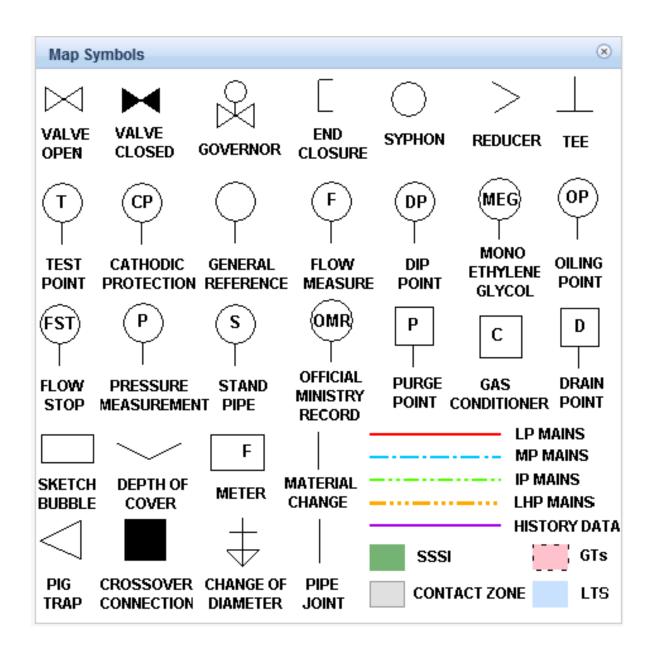






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25 September 2018

Our Ref: 1694558 Your Ref: 182600B

ARDENT CE
OFFICE 3 GARAGE STUDIOS 41-43
ST MARYS GATE
NOTTINGHAM
NG1 1PU

SGN Connections St Lawrence House Station Approach Horley

Surrey RH6 9HJ

Customer Service 0800 912 1700*

Dear Naomi Thamba,

New connection at Cherry Orchaed Aylesford ME20 6QS

Thank you for choosing us to give you a budget indication for a new connection at the above site, and please find our estimate below.

Work to be carried out

SGN Connections to install appropriately sized gas infrastructure to a suitable locations. SGN Connections to carry out all the necessary excavation and reinstatement work in public. No meter/meter housing work is included.

Your budget indication is £190,000.00 (inc VAT)

Please note that this figure is a budget indication only, it is based upon an hourly load of 15,360.00 kW and an annual quantity of 5,405,200.00 kWh along with any other information you've given us, and doesn't represent an offer to carry out the work.

We won't be able to give you a more accurate quote until a full design study has been carried out, and there's a charge for this. We'll be able to tell you how much the study will be once you ask us for a firm quote.

Reinforcement of the existing network will be required to accommodate this development. Additional lead times for the reinforcement are approximately 100 days.

We're assuming no easements or third party permissions are required to carry out the work.

Please note that this budget indication doesn't allow for any diversion of our existing infrastructure if we find it's necessary. You can get further detail on this by calling our customer service line on the number at the top of this page and asking to speak with the Mains Diversions and Isolations team.

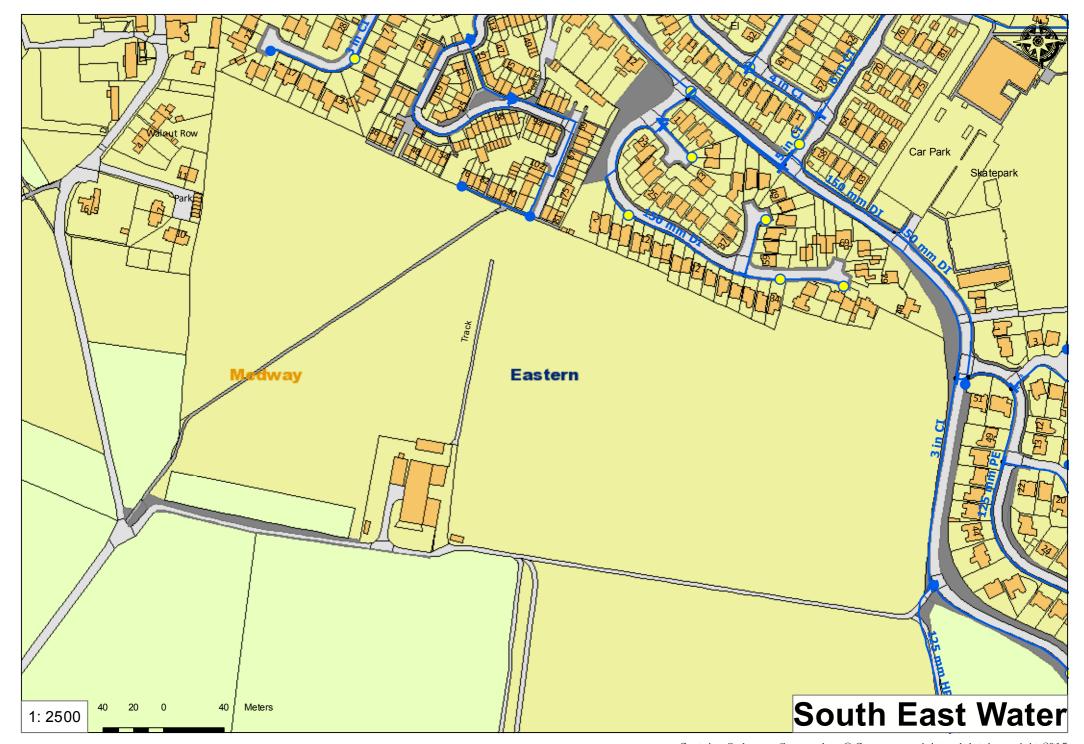
If you have any further questions, please feel free to contact me by calling our customer service team on the number at the top of this letter and asking to speak with the undersigned.

Yours sincerely

Meagan Dorney Technical Assistant

* All calls are recorded and may be monitored

Appendix E
South East Water Correspondence





Our Ref: RB/JT/Dev Servs/NARS- 12911

Your Ref:

Direct Line: 03330 000 060

Email: <u>developermains@southeastwater.co.uk</u>

26th November 2018

Naomi Thamba
Office 3
The Garage Studios
41-43 St Mary 's Gate
The Lace Market
Nottingham
NG1 1PU

Dear Naomi,

Cherry Orchard, Ditton, Aylesford, Kent, ME20 6QS

Thank you for your letter requesting provision of water mains at the above site. I enclose a plan showing details of the Company's mains.

We do not guarantee pressure to the upper floors of the property.

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 be aware that under the new pricing structure, all reinforcement works will now be subsidised through infrastructure charges. Offsite reinforcement works are no longer site specific.

SEW does not guarantee pressure to the upper floors of properties & flats.

For budget purposes:

The on-site mains would be expected to cost: £125.00 per metre Standard connections are **£498.00** (A-type) each x 270: £134,460.00
Infrastructure Charge is **£566.00** per connection x 270: £152,820.00

The budget figures quoted above have been prepared on the assumptions that there are no Health & Safety hazards arising from either the present site conditions or any which may arise as a result of activities of the developer, his agents or contractors.

South East Water ("SEW") offers two options to developers for the installation of water mains. In brief, the options are as follows:

- I. The company offer based on a discount being applied to the total cost of the scheme. This is derived by comparing the annual revenue from the new service connections and the annual repayment of a notional loan over a 12 year period to calculate the deficit. The corresponding lump sum then has the discount applied in accordance with the methodology issued by Ofwat under charging rules for new connection services (English Undertakers)
- II. The Self Lay Option is divided into two sections: Non-Contestable is what you are required to pay SEW initially. This cost relates to non-contestable activities (i.e. those items of work that for reasons of safeguarding our water quality, only South East Water or their approved contractor may undertake). Details of Self Lay are available at: http://www.ofwat.gov.uk/consumerissues/selflay Income Offset On satisfactory handover of the self-laid mains, an Asset Payment will be paid to you. If you choose to self-



lay the mains, this will need to be in accordance with the SEW Self Lay Policy, using an accredited contractor, under South East Water supervision.

We would also be grateful to receive your detailed plans of the proposed development and the relevant reports and information required to enable us to prepare a firm quotation for the above option(s).

For the Company to provide firm figures at the earliest opportunity please supply the items listed in our "Developer Services – Information required for provision of Water Services".

The availability of a soils report to establish the presence or otherwise of contaminated land is most important. The report must be based on a site investigation carried out in accordance with British Standard Institution BS10175:2001 Investigation of Potentially Contaminated Sites - Code of Practice and in particular should include any potential risk of petroleum hydrocarbons.

In addition the specification proposed for the internal plumbing system could have relevance for the pipework design and your early confirmation of this information would be of great assistance.

If you have any questions or require clarification regarding this letter please feel free to call us.

Yours sincerely

Josh Trittruf
Mains Designer & Estimator
Developer Services Department



A firm site layout: scale 1: 500, which identifies:

- i. the extent of the land in the developer's ownership
- ii. the individual plot numbers + Bin Store / Landlord Supplies
- iii. the service entry positions for each plot + Bin Store / Landlord Supplies
 (Please note: Water for Domestic, Non Domestic (includes Bin Store / Landlord) and
 water for Fire fighting purposes will all be metered separately)
- iv. the extent of the area proposed for adoption by the Highway Authority
- v. any designated service strips

It is preferred that you supply an electronic version of your builder's plan, ideally in dwg format. This can be received via CD or by our email address on the top right hand corner of your letter.

The plan must include the proposed development footprint along with all details as previously stated, as well as a section of Ordnance Survey background for the area upon which it is located. The background must be substantial and varied enough, dependant upon its location being urban or rural, to include either surrounding field, fence and road lines, if possible buildings as well which then may be used as location reference points.

An Ordanence Survey grid reference for the site location would also be of help.

All plans that are submitted must be checked that an XREF documents are either imported into the DWG as independent layers or all XREF drawings or files are also included in the submission for mains to be designed and an estimation produced.

- 3. A Programme of Works and plan identifying any phasing with number of properties associated with any phase of the site and house build rate per year.
- 4. A Soil Investigation in accordance with British Standard Institution BS10175:2001 Investigation of Potentially Contaminated Sites Code of Practice. (In particular the soils investigation should include any potential risk of petroleum hydrocarbons)
- 5. Details of any consultation with all known parties on archaeological and environmental issues
- 6. Type of Hot System installation, i.e. vented or unvented systems
- 7. Details of the Land owners, together with their Solicitors details, applicable for any Company asset to be installed in non-Highway Authority land.
- 8. Confirmation of the required flow rate in litres per second, plus completed fittings list, for any nonstandard connection with a flow rate of more than one cubic meter per hour.
- 9. Should there be any requirement to install sprinkler systems, hose reels or fire-fighting equipment within the new units, please confirm the required flow rate for the firefighting supply so as to enable the effects on design to be assessed and the relevant quotation to be provided. For your information, current Company policy does not permit the cross connection of water for domestic and fire-fighting /non-domestic use therefore should the properties require a supply for firefighting purposes it will be necessary to gain independent metered connections to our main to individually supply the separate elements.

Appendix F Southern Water Correspondence



Ardent
Office 3, The Garage Studios, 41-43
St Mary s Gate
Nottingham
NG1 1PU

Your ref 182600

Our ref 311327

Date 04 October 2018

Contact <u>searches@southernwater.co.uk</u>

Tel 0845 272 0845 0330 303 0276 Fax 01634 844514

Attention: Naomi Thamba

Dear Customer

Re: Provision of public sewer record extract

Location: Land below Cherry Orchard, Ditton, Aylesford, Kent,

ME20 6QS

Thank you for your order regarding the provision of extracts of our sewer and/or water main records. Please find enclosed the extracts from Southern Water's records for the above location.

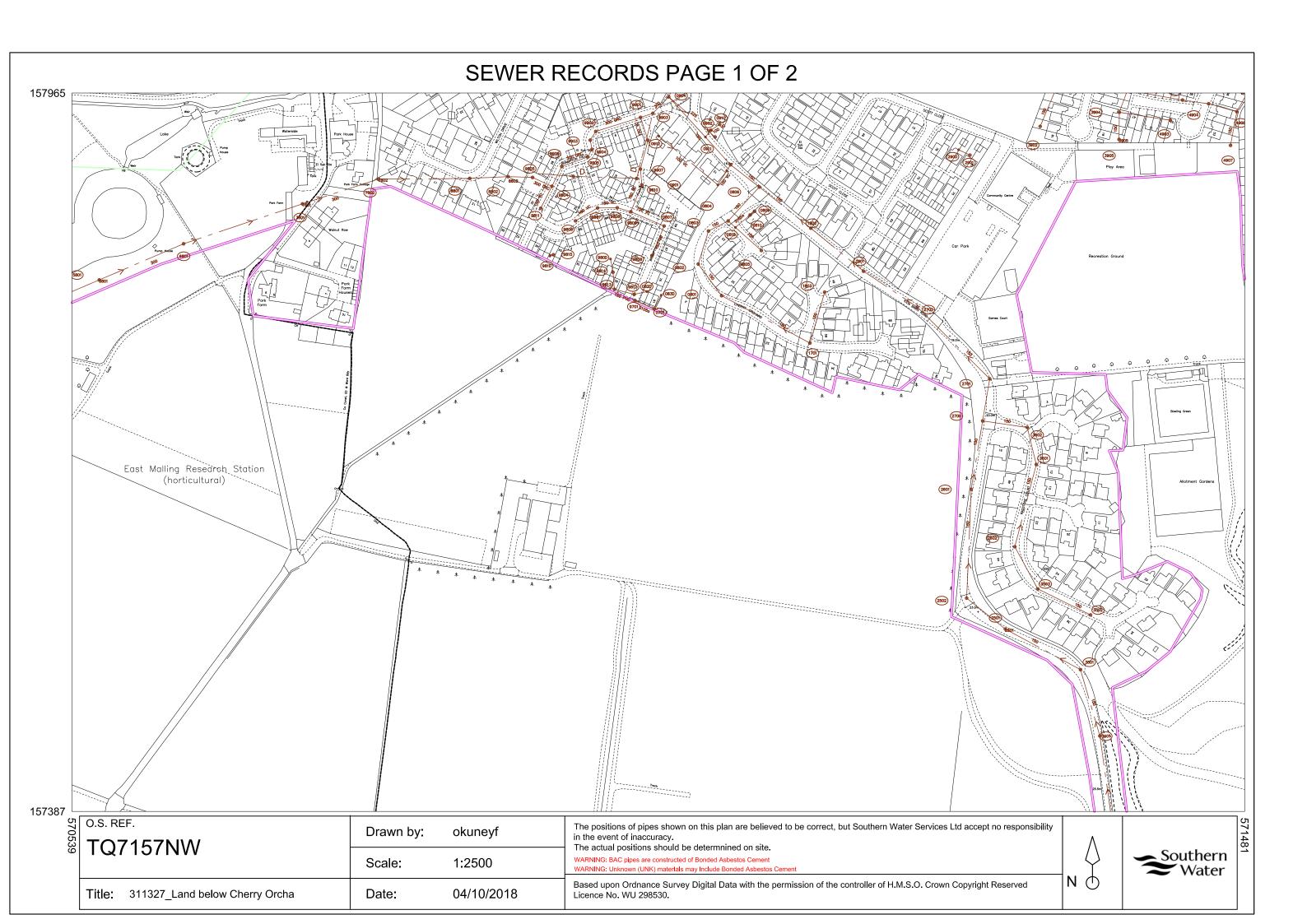
We confirm payment of your fee in the sum of £49.92 and enclose a VAT receipt for your records.

Customers should 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. Actual positions of the disclosed (and any undisclosed) infrastructure should therefore be determined on site, because Southern Water does not accept any responsibility for inaccuracy or omission regarding the enclosed plan. Accordingly it should not be considered to be a definitive document.

Should you require any further assistance regarding this matter, please contact the LandSearch team.

Yours faithfully

LandSearch



SEWER RECORDS PAGE 2 OF 2

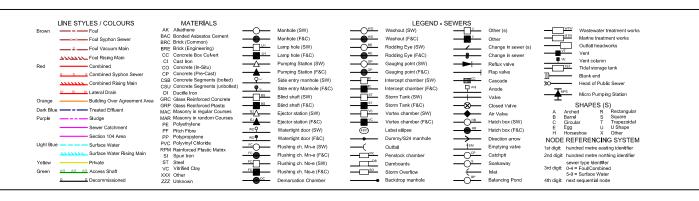
Cover

Invert Size

Material Shape

Node	Cover	Invert	Size	Material	Sha
0701X			UNK	UNK	CIRC
0801X	18.121	16.111	150	UNK	CIRC
0802X	17.844	15.904	150	UNK	CIRC
0803X	17.574	15.664	150	UNK	CIRC
0804X	17.321	15.451	150	UNK	CIRC
0805X	17.931	15.931	150	UNK	CIRC
0806X	16.651	45 00E	150	UNK	CIRC
0807X 0808X	17.642 17.969	15.825 16.15	150 150	VC VC	CIRC
0809X	17.909	10.15	UNK	UNK	CIRC
080DX			100	VC	CIRC
0810X			UNK	ÜNK	CIRC
081DX			150	UNK	CIRC
083DX			UNK	UNK	CIRC
0901X	16.53	14.64	150	UNK	CIRC
0902X	16.504	13.864	225	UNK	CIRC
0903X 0904X	17.294	13.792 13.594	300 300	UNK UNK	CIRC
090DX	17.25+	13.334	150	UNK	CIRC
0910X			100	VC	CIRC
0911X			100	VC	CIRC
0912X	17.734	15.238	150	VC	CIRC
091DX			100	VC	CIRC
092DX 1701X	10.078	17.000	100 150	VC UNK	CIRC
1801X	19.078 18.151	17.088 16.061	150	UNK	CIRC
1802X	17.328	15.638	150	UNK	CIRC
1803X	18.827	17.487	150	UNK	CIRC
2501X			150	UNK	CIRC
2502X	22.392	20.292	150	UNK	CIRC
2601X 2602X	20.395 22.77	18.465	150	UNK	CIRC
2700X	20.02	20.27 18.3	150 150	UNK UNK	CIRC
2701X	19.845	17.655	150	UNK	CIRC
2702X	18.811	16.781	150	UNK	CIRC
2901X			UNK	UNK	CIRC
3401X	24.835	22.715	150	UNK	CIRC
3501X 3502X	23.495	21.735 21.41	150 150	UNK	CIRC
3502X	22.88 23.16	20.76	150	UNK UNK	CIRC
3601X	21.63	19.71	150	UNK	CIRC
3602X	20.72	19.27	150	UNK	CIRC
3902X	16.044	14.394	150	UNK	CIRC
3904X	14.991		150	UNK	CIRC
3905X 4902X	15.76	13.85	150 150	UNK UNK	CIRC
4903X	15.645	13.65	150	UNK	CIRC
4904X	15.887	14.227	150	UNK	CIRC
4906X	16.775	14.845	150	UNK	CIRC
4907X	17.081	15.751	150	UNK	CIRC
5801X	00 000		300	UNK	CIRC
6801X 7801X	20.908		300 300	UNK UNK	CIRC
7802X			300	UNK	CIRC
8801X	18.272	14.772	300	UNK	CIRC
8802X			300	VC	CIRC
9804X	18.93	14.438	300	GRC	CIRC
9805X	10 007	14.53 16. 4 25	300	GRC	CIRC
9806X 9807X	18.223 18.396	16.425 16.285	150 150	VC VC	CIRC
9808X	18.075	16.174	150	VC VC	CIRC
9809X	18.038	15.634	150	VC	CIRC
980DX			150	PVC	CIRC
9810X	17.829	15.48	150	VC	CIRC
9811X	18.798	17.3	150	VC	CIRC

Node	Cover	Invert	Size	Material	Shape
9812X			150	PVC	CIRC
9813X			150	PVC	CIRC
9814X			150	PVC	CIRC
9815X			UNK	UNK	CIRC
9901X	17.671	13.889	300	GRC	CIRC
9902X	18.167	14.095	300	GRC	CIRC
9903X	18.27	14.139	300	GRC	CIRC
9904X	18.349	14.184	300	GRC	CIRC
9905X	18.427	14.22	300	GRC	CIRC
9906X	18.626	14.344	300	GRC	CIRC
9907X	17.699	15.397	150	VC	CIRC



Drawn by: okuneyf

Title: 311327_Land below Cherry Orcha

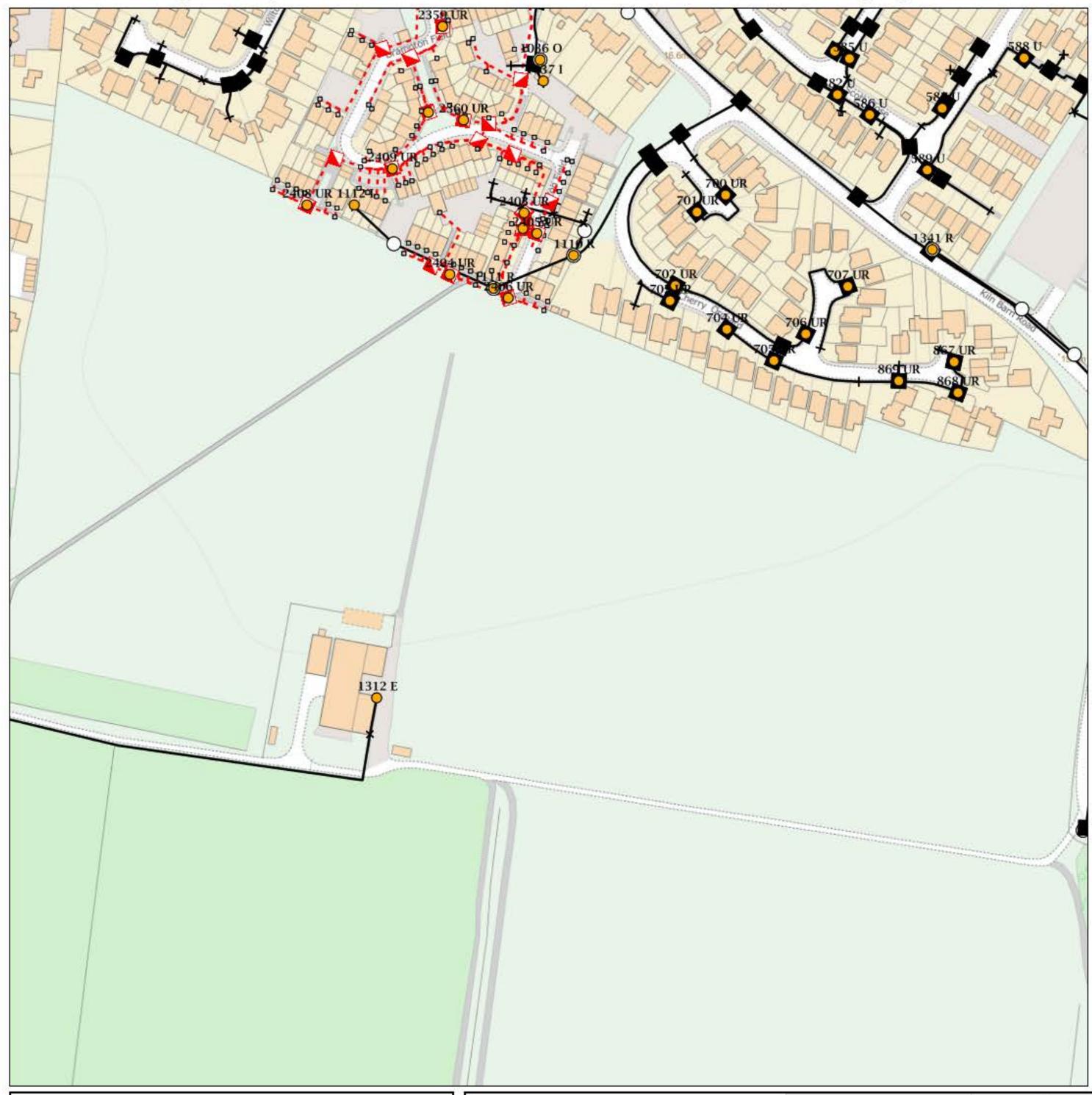
Date: 04/10/2018



Material Shape

Appendix G BT Openreach Correspondence

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.



openreach

CLICK BEFORE YOU DIG

FOR PROFESSIONAL FREE ON SITE ASSISTANCE PRIOR TO COMMENCEMENT OF EXCAVATION WORKS INCLUDING LOCATE AND MARKING SERVICE

email cbyd@openreach.co.uk

ADVANCE NOTICE REQUIRED (Office hours: Monday - Friday 08.00 to 17.00) www.openreach.co.uk/cbyd

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EY TO BT SYMBOLS	Pole	0
DP C	Planned Pole	0
Planned DP	Joint Box	
PCP 🔯	Change Of State	+
Planned PCP	Split Coupling	×
Built	✓ Duct Tee	A
Planned	/ Planned Box	
Inferred	Manhole	
Duct	Planned Manhole	
Building	Cabinet	Û
Kiosk	Planned Cabinet	17
Hatchings	Other proposed plant is shown usi BT Symbols not listed above mayb Existing BT Plant may not be	oe disregarde

Information valid at time of preparation

BT Ref: NYP11305N

Map Reference: (centre) TQ7100857680 Easting/Northing: (centre) 571008,157680

Issued: 01/08/2018 11:30:32