



The Planning Inspectorate
Yr Arolygiaeth Gynllunio

Riverside Energy Park

(EN010093)

Correspondence received after the
close of the Examination at 23:59 on
Wednesday 9th October 2019

No.	From	Organisation	Date Received
1		ESP Utilities Group Ltd	31 October 2019
2		ESP Utilities Group Ltd	5 November 2019
3	Jenni White	Greenwich Bexley Environment Alliance	7 January 2020
4	Jenni White	Greenwich Bexley Environment Alliance	19 March 2020

1. ESP Utilities Group Ltd

From: ESP Utilities Group Ltd <donotreply@espug.com>
Sent: 31 October 2019 09:25
To: Riverside Energy Park
Subject: Your Reference: EN010093 Our Reference: PE139895. Plant Affected Notice from ES Pipelines
Attachments: AffectedPlantEnquiryGuidelinesGas.pdf; AffectedPlantEnquiryGuidelinesElectricity.pdf; ESN016923 Elec as laid.pdf; ESN020277 Gas as laid.pdf; ESN013971 Elec as laid.pdf; ESN015329 Elec as laid_2.pdf; ESN015329 Elec as laid_1.pdf

Categories: Red Category

Riverside Energy Park Project
The Planning Inspectorate

31 October 2019

Our Ref: PE139895
Your Ref: EN010093

Immediately to the west of the existing Riverside Resource Recovery Facility, Bexley, London.

Dear Sir/Madam,

Further to your enquiry received on 27/09/2019, I can confirm that ESP Utilities Group Ltd may be affected by the proposed works in the area of Immediately to the west of the existing Riverside Resource Recovery Facility, Bexley, London.. ESP Utilities Group Ltd has a low pressure gas main and electric networks serving the area in question at grid reference E549226, N181099 and security of supply is vitally important.

Project drawing as laid extracts for these sites are enclosed (not to scale) for your information which show the approximate location of the ESP Utilities Group Ltd network close to the area of interest off Immediately to the west of the existing Riverside Resource Recovery Facility, Bexley, London..

As your plans for the proposed work develop you are required to keep ESP Utilities Group Ltd regularly updated about the extent and nature of your proposed works in order for us to fully establish whether any additional precautionary or diversionary works are necessary to protect our network.

Arrangements can be set in place so that one of our representatives can meet on site (date to be agreed) and we will be happy to discuss the impact of your proposals on the network once we have received the details.

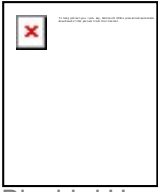
A list of precautionary measures is attached for your information. This must be passed on to the appointed contractors carrying out the work and any other associated parties.

ESP are continually constructing new gas and electricity networks and this notification is valid for 90 days from the date of this letter. If your proposed works start after this period of time, please re-submit your enquiry.

If you wish to discuss the matter further please contact myself or the team on 01372 587500, alternatively you can email us at PlantResponses@espug.com.

Yours faithfully,

Plant Protection Team
ESP Utilities Group Ltd



Bluebird House
Mole Business Park
Leatherhead
KT22 7BA

☎ 01372 587500 📠 01372 377996

<http://www.espug.com>

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PRECAUTIONS TO BE TAKEN WHEN CARRYING OUT WORK IN THE VICINITY OF UNDERGROUND GAS PIPES

ADVICE TO SITE PERSONNEL

MANAGEMENT NOTE

Please ensure that a copy of this note is read by your site management and to your site operatives.

Early consultation with ES Pipelines Ltd prior to excavation is recommended to obtain the location of plant and precautions to be taken when working nearby.

This note has been produced after consultation with and at the request of the Health and Safety Executive, the construction industry and the local authorities as an interim measure pending the issue of an HSE Guidance Note.

Introduction

Damage to ES Pipelines Ltd's plant can result in uncontrolled gas escapes which may be dangerous. In addition these occurrences can cause expense, disruption of work and inconvenience to the public.

Various materials are used for gas mains and services. Cast Iron, Ductile Iron, Steel and Plastic pipes are the most widely found. Modern Plastic pipes are either bright yellow or orange in colour.

Cast Iron and Ductile Iron water pipes are very similar in appearance to Cast Iron and Ductile Iron gas pipes and if any Cast Iron or Ductile Iron pipe is uncovered, it should be treated as a gas pipe. ES Pipelines Ltd do not own any metallic gas pipes but their gas network infrastructures may be connected to Cast Iron, Ductile Iron or Steel pipes owned by Transco.

The following general precautions apply to Intermediate Pressure (2-7barg MOP), Medium Pressure (75mbarg-2barg MOP), Low Pressure (up to 75mbarg MOP) and other gas mains and services likely to be encountered in general site works and are referred to within this document as '**pipes**'.

Locating Gas Pipes

It should be assumed when working in urban and residential areas that gas mains and services are likely to be present. On request, E S Pipelines Ltd will give approximate locations of pipes derived from their records. The records do not normally show the position of service pipes but their probable line can be deducted from the gas meter position. E S Pipelines Ltd's staff will be pleased to assist in the location of gas plant and provide advice on any precautions that may be required. The records and advice are given in good faith but cannot be guaranteed until hand excavation has taken place. Proprietary pipe and cable locators are available although generally these will not locate plastic pipes.

Safe working Practices

To achieve safe working conditions adjacent to gas plant the following must be observed:

Observe any specific request made by E S Pipelines Ltd's staff.

Gas pipes must be located by hand digging before mechanical excavation. Once a gas pipe has been located, mechanical excavation must proceed **with care**. A mechanical excavator must not in any case be used within 0.5 metre of a gas pipe and greater safety distances may be advised by E S Pipelines Ltd depending on the mains maximum operating pressure (MOP).

Where heavy plant may have to cross the line of a gas pipe during construction work, the number of crossing points should be kept to a minimum. Crossing points should be clearly indicated and crossings at other places along the line of the pipe should be prevented.

Where the pipe is not adequately protected by an existing road, crossing points should be suitably reinforced with sleepers, steel plates or a specially constructed reinforced concrete raft as necessary. E S Pipelines Ltd staff will advise on the type of reinforcement necessary.

No explosives should be used within 30 metres of any gas pipe without prior consultation with E S Pipelines Ltd.

E S Pipelines Ltd must be consulted prior to carrying out excavation work within 10 metres of any above ground gas installation.

Where it is proposed to carry out piling or boring within 15 metres of any gas pipe, E S Pipelines Ltd should be consulted prior to the commencement of the works.

Access to gas plant must be maintained at all times during on site works.

Proximity of Other Plant

A minimum clearance of 300 millimetres (mm) should be allowed between any plant being installed and an existing gas main to facilitate repair, whether the adjacent plant be parallel to or crossing the gas pipe. No apparatus should be laid over and along the line of a gas pipe irrespective of clearance.

No manhole or chambers shall be built over or around a gas pipe and no work should be carried out which results in a reduction of cover or protection over a pipe, without consultation with E S Pipelines Ltd.

Support and Backfill

Where excavation of trenches adjacent to any pipe affects its support, the pipe must be supported to the satisfaction of E S Pipelines Ltd and must not be used as an anchor or support in any way. In some cases, it may be necessary to divert the gas pipe before work commences.

Where a trench is excavated crossing or parallel to the line of the gas pipe, the backfill should be adequately compacted, particularly beneath the pipe, to prevent any settlement which could subsequently cause damage to the pipe.

In special cases it may be necessary to provide permanent support to the gas pipe, before backfilling and reinstatement is carried out. Backfill material adjacent to gas plant must be selected fine material or sand, containing no stones, bricks or lumps of concrete, etc., placed to a minimum depth of 150mm around the pipes and well compacted by hand. No power compaction should take place until 300 mm of selected fine fill has been suitably compacted.

If the road construction is in close proximity to the top of the gas pipe, a "cushion" of selected fine material such as sand must be used to prevent the traffic shock being transmitted to the gas pipe. The road construction depth must not be reduced without permission from the local Highway Authority.

No concrete or other hard material must be placed or left under or adjacent to any Cast Iron pipe as this may cause fracture of the pipe at a later date.

Concrete backfill should not be used closer than 300 mm to the pipe.

Damage to Coating

Where a gas pipe is coated with special wrapping and this is damaged, even to a minor extent E S Pipelines Ltd must be notified so that repairs can be made to prevent future corrosion and subsequent leakage.

Welding or "Hot Works"

When welding or other "hot works" involving naked flames are to be carried out in close proximity to gas plant and the presence of gas is suspected, E S Pipelines Ltd must be contacted before work commences to check the atmosphere. Even when a gas free atmosphere exists care must be taken when carrying out hot works in close proximity to gas plant in order to ensure that no damage occurs.

Particular care must be taken to avoid damage by heat or naked flame to plastic gas pipes or to the protective coating on other gas pipes.

Leakage from Gas Mains or Services

If damage or leakage is caused or an escape of gas is smelt or suspected the following action should be taken at once:

- ❖ Remove all personnel from the immediate vicinity of the escape;
- ❖ Contact Transco's National Gas Escape Call Centre, on: **0800 111 999**;
- ❖ Prevent any approach by the public, prohibit smoking, extinguish all naked flames or other source of ignition for at least 15 metres from the leakage;
- ❖ Assist gas personnel, Police or Fire Service as requested.

REMEMBER - IF IN DOUBT, SEEK ADVICE FROM E S PIPELINES LTD.

ES Pipelines Ltd can be contacted at:

Office Address: Hazeldean, Station Road, Leatherhead, Surrey, KT22 7AA

Office Tel: 01372 227560; **Fax:** 01372 377996; **email:** plantresponses@espipelines.com

PRECAUTIONS TO BE TAKEN WHEN CARRYING OUT WORK IN THE VICINITY OF ELECTRICITY CABLES

ADVICE TO SITE PERSONNEL

MANAGEMENT NOTE

Please ensure that a copy of this note is read by your site management and to your site operatives.

Early consultation with ESP Electricity Ltd prior to excavation is recommended to obtain the location of plant and precautions to be taken when working nearby.

This has been produced after consultation with and at the request of the Health and Safety Executive, the construction industry and the electricity companies.

1.0 Introduction

This procedure should be read in conjunction with the ESP Electricity Distribution Safety Rules and other relevant procedures. The object of this procedure is:

- a) To lay down the rules for the location of cable before work is started.
- b) To specify the safe working procedure to be adopted by persons who have to work on or in the vicinity of cables.

2.0 Reference

ESP Electricity G81 – Design and Planning
ESP Electricity G81 – Installation and Records
National Joint Utilities Group (NJUG) Guidance Notes
Avoiding danger from underground services HSG47 HSE Advice Booklet.

3.0 Work

- 3.1 All cables and apparatus to which the cables are connected shall be treated as being live, until they have been proved dead and all points of isolation have been established and controlled.
- 3.2 All work carried out under this procedure shall also be carried out in strict accordance with the ESP Electricity Distribution Safety Rules and other relevant procedures.
- 3.3 For the purpose of this procedure:
 - a) Work on a cable includes the intentional cutting or removal of its Sheath or Armour, cutting of its core(s) or conductor(s) and the removal of a spiking gun.
 - b) Work in the vicinity of a cable includes digging or any activity carried out at any work location where cables are or may be present, whether or not for the specific purpose of preparation for work on a cable.

4.0 Cable Locating Devices

- 4.1 An approved cable locating device is to be used on every occasion before any surface is removed or any digging is started. It must also be used during the course of any digging work.
- 4.2 Cable location devices provide information on the position of cables. They must not be used as the only means of cable location.
- 4.3 Cable locating devices must be regularly checked for correct operation.

All persons using cable locating devices must be adequately trained in their use and must be Competent Persons.

5.0 Location of Cables

- 5.1 The depth of underground cables varies greatly. It is essential that a site specific risk assessment is undertaken for the proposed work you are planning this must include obtaining an up-to-date map of the electricity cables in the area and to make use of it. The electricity cable records must be checked before any work is started. Changes in surface level or reference points, and work carried out by other people may affect the reliability of these records. Anybody excavating must be told of these possibilities.
- 5.2 Before the start of any excavation work, a cable locating device shall be used to establish the run of live cables. Reasonable steps should be taken to establish the runs of cables both along and across the length of the intended area of digging. The cable avoidance tool shall be used together with mains records and where provided, service records.

- 5.3 All cable runs either confirmed by use of the cable locating device or indicated on the mains records must be marked out on the surface using a waterproof marker. Marked cable runs must be extended 300mm beyond either end or side of the intended digging area, and must stay visible while the digging is going on. The trial hole dig method can be used to identify the run of cables using hand dig tools only.
- 6.0 Precautions to be Taken while Working in Vicinity of Cables**
- 6.1 Work in the vicinity of cables must be carried out as if the cables are live and all excavation work must be personally supervised by a Competent Person. All persons shall wear a minimum of safety footwear, Safety Glasses, hard hat, Task Specific Gloves flame retardant overalls.
- 6.2 Approved hand tools should always be used in preference to power tools in the vicinity of cables, unless site conditions make this impracticable. Spades should always be used in preference to forks. Extreme care must always be taken when using a fork or pick. Forks must be of approved type with shortened chisel ended tines. Spades must have sharp corners of the blade rounded. The selection of a fork or pick will be assessed on a Task Specific Risk Assessment.
- 6.3 A proprietary air digging tool, which removes soil with a high-velocity jet of air, can be used to expose buried services without damage to the service. However, it will not penetrate asphalt, concrete or frozen ground. Also precautions need to be taken that will prevent injury to the operator and members of the public from ejected soil and other materials.
- 6.4 When site conditions require the use of hand held power tools they must be fitted with a short bit. The following method of work must be used:
- Using all the information provided, together with an approved cable locating device, the line of all known cables must be marked out at least 300mm past the hole that will be dug using waterproof marker.
 - Encroachment lines must be drawn 300mm parallel to and away from the outer and innermost cable marker lines. And as in (a) above these must be drawn to extend at least 300mm beyond the edge of the hole that will be dug.
 - Hand held power tools must not be used below ground level in between the encroachment lines. Hand tools must be used for progressive and careful undermining from outside the encroachment lines towards the cable(s). Hand power tools must only be used to break up any hard surface, keeping pace with, but not going past the undermining. Extreme care must, in particular, be exercised when using power tools above cables already exposed by undermining. The use of power tools must stop if at any time the cutting rate quickens, indicating softer ground. At all times, attention must be paid to the cable run marker lines outside the edges of the holes.
 - The safe digging procedure in (c) above must be followed until all cable(s) required for work or for identification have been located.
 - If all recorded or detected cables inside the digging area have been located then hand held power tools may be used below ground level to break up concrete or similar structures, but even then only when site conditions render the use of hand tools impractical.
- 6.5 During excavation, full use must be made of cable locating devices which must be used to assist in establishing the exact location of live cables.
- 6.6 Where exposed cables are likely to be damaged in any way they shall be adequately protected and/or supported. Where in the opinion of the person in charge on site it is appropriate, warning notices must be attached to cables e.g. 'live cable exposed above ground level' or 'live coiled cables'.
- 6.7 Irrespective of the color of the electricity cable it shall be considered as being in a 'live' status unless it has been confirmed and proven that the cable has been physically isolated or turned off.

If damage is caused or suspected the following action should be taken at once:

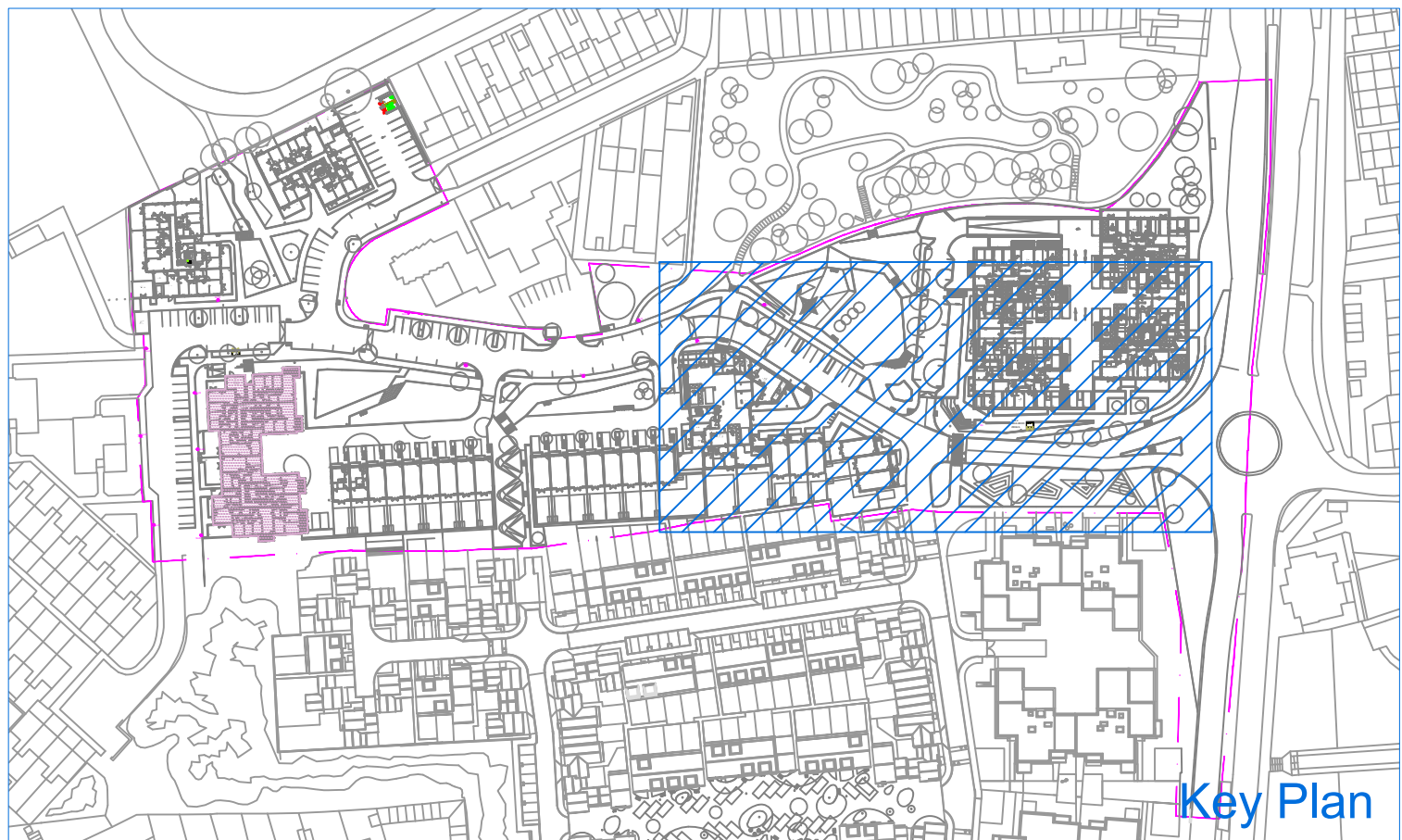
- ❖ Remove all personnel from the immediate vicinity
- ❖ Contact ESP Electricity 01372 227560 or out of hours Emergency contact Number 0800 731 6945
- ❖ Prevent any approach by the public.
- ❖ Assist electricity personnel, Police or Fire Service as requested.

REMEMBER - IF IN DOUBT, SEEK ADVICE FROM ESP Electricity Ltd.

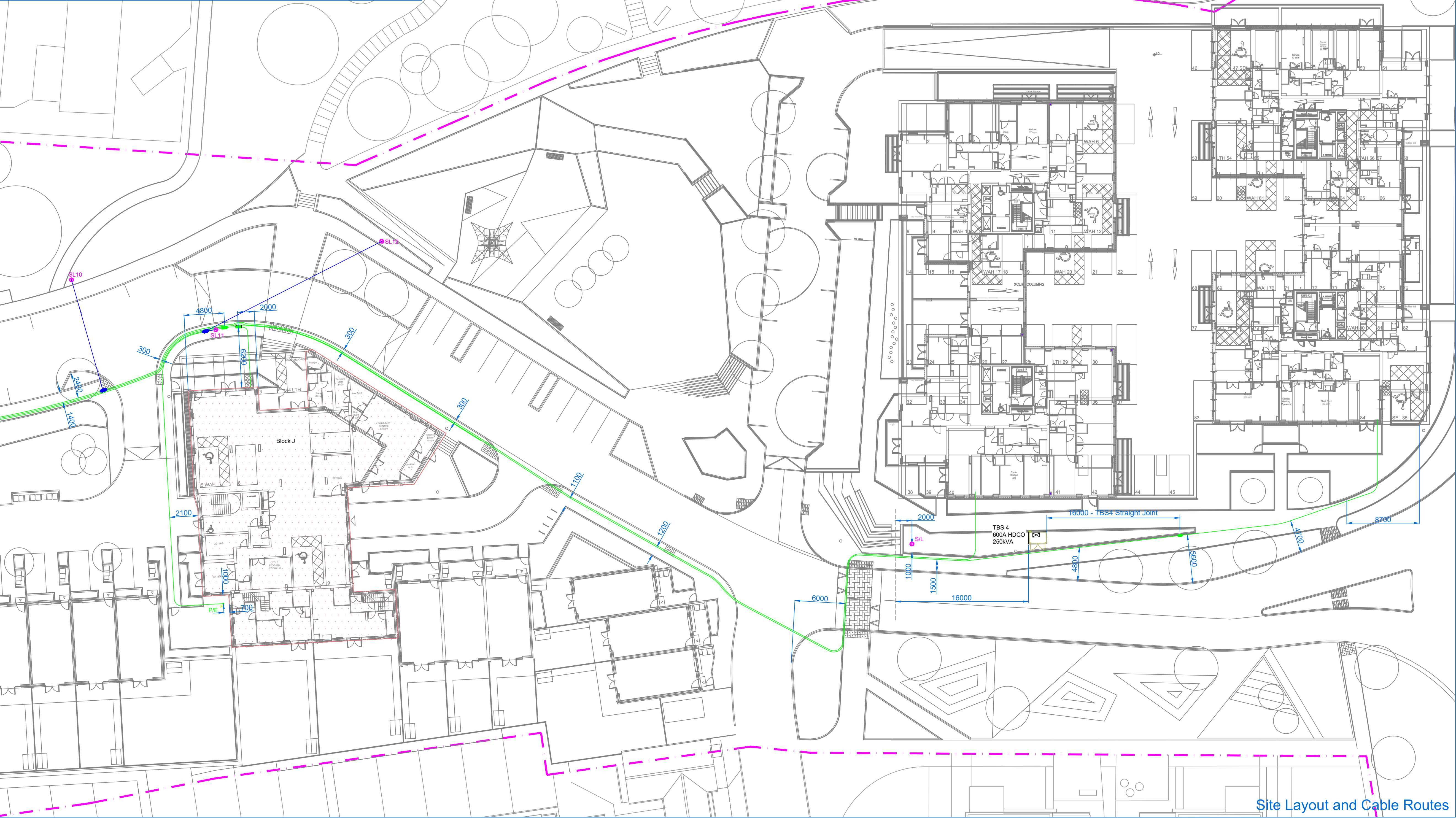
ESP Electricity Ltd can be contacted at:

Office Address: Hazeldean, Station Road, Leatherhead, Surrey, KT22 7AA

Office Tel: 01372 227560; **Fax:** 01372 377996; **email:** plantresponses@esppipelines .com



Site Address: Larner Road - Phase 2
Erith Park
London. DA8 3RH



1:100

Legend	
	Existing HV Cable
	New HV Cable
	HV Point of Connection
	Site Boundary
	iDNO Equipment
	Earthing

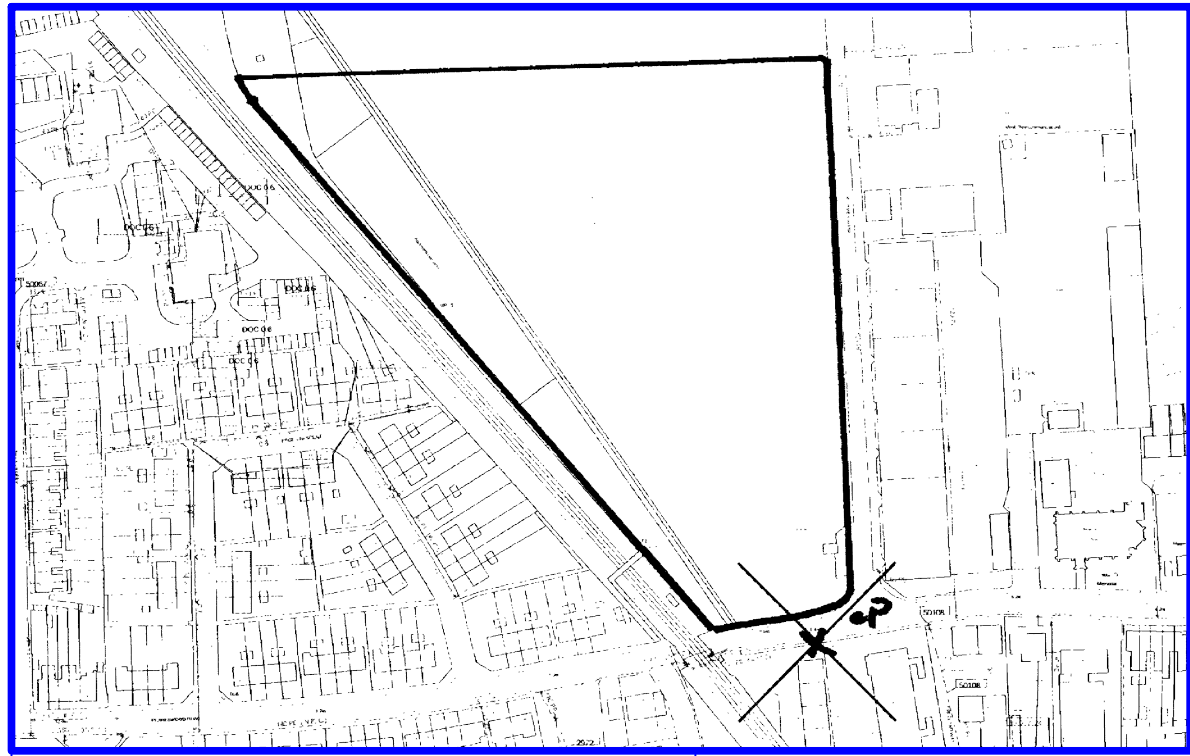
For Project Scope and Material
Specifications, please refer to
UKP3157 - DNO Project
Information Document

3	Mains cable & breach joint/pot end to block J	09/10/17	CH
2	Street light energisation and cable route laid and dimensioned	30/08/17	GJ
1	Design Approved	21/09/16	GJ
REV	AMENDMENT	DATE	BY

UKPS
UK POWER SOLUTIONS
The Utility Connection Company

River View House
Bonds Mill Estate
Stonehouse
Gloucestershire
GL10 3RF

Client	Wates		
Project	Larner Road - Phase 2		
Title	LV As Laid Plan		
Planning Engineer	George Mann	Contact No.	08452 577 105
Project Manager	Gareth Coulter	Contact No.	08452 577 105
Drawn By	CH	Checked By	--
Scale	As Shown	Sheet No.	2/2
Drawing No.	UKP3157 - DWG901		Rev
Drawing Status	For Information Only		



The CSEP Connection shown is a proposed design only. Please refer to the owner of the Upstream Network for details of the Final As-Built drawing of the CSEP Connection

NOTE:
GAS SERVICES MUST NOT BE INSTALLED UNDER ALLOCATED PRIVATE PARKING BAYS UNLESS OWNED BY THE PREMISES THEY SERVE.

BGNHC CONSTRUCTION DRAWING

IMPORTANT NOTICE

THIS SITE OPERATES AT LOW PRESSURE

THIS SITE HAS A HISTORY OF SOIL CONTAMINATION PLEASE REFER TO DRAWING NOTES

SMART METERS TO BE INSTALLED

FUTURE DEVELOPMENT

CAPACITY ALLOWED FOR IN THIS NETWORK TO SUPPLY AN ADDITIONAL 219 PLOTS

IMPORTANT NOTE RELATING TO SERVICE ROUTES & METER POSITIONS

- SERVICES WILL BE LAID IN AN OPEN TRENCH BY THE BRITISH GAS CONSTRUCTION SERVICE PROVIDER, DIRECTLY FOLLOWING THE GAS SERVICE INSTALLATION THE DEVELOPER SHALL BACKFILL THE TRENCH WITH FINE FILL, APPLY SUITABLE GAS MARKER TAPE AND REINSTATE THE EXCAVATION.
- ALTERNATIVELY THE DEVELOPER CAN INSTALL AN APPROVED DUCT WITH A PULL CORD TO ALLOW THE BRITISH GAS CONSTRUCTION SERVICE PROVIDER TO INSTALL THE SERVICE, DIRECTLY FOLLOWING THE GAS SERVICE INSTALLATION THE DEVELOPER SHALL BACKFILL THE TRENCH WITH FINE FILL, APPLY SUITABLE MARKER TAPE AND REINSTATE THE EXCAVATION. SERVICE DUCTING MUST BE YELLOW, PERFORATED AND A MINIMUM OF 60mm IN DIAMETER.
- SERVICE ROUTES SHOULD BE PERPENDICULAR TO THE FRONT OF THE BUILDING, TAKING THE SHORTEST POSSIBLE ROUTE.
- GAS METERS SHOULD BE POSITIONED ON THE FRONT WALL OF THE PROPERTY OR NO MORE THAN 2 METRES ALONG A SIDE WALL. PLEASE NOTE UNIVERSAL BOXES CAN ONLY BE INSTALLED ON THE FRONT ELEVATION.
- METER BOXES CANNOT BE POSITIONED DIRECTLY ABOVE OR WITHIN 150mm OF THE EDGE OF EXTERNAL DRAINS, MANHOLE COVERS OR AIRBRICKS.

COM STATEMENT

Any information given on this construction drawing must be used only in conjunction with the Construction Health and Safety Plan prepared by the Principal Designer and Principal Contractor. The Principal Contractor must be consulted before any construction work commences. Any changes in design, or conditions arising or information becoming known at a later date that may adversely impact upon the health and safety of any person, must be notified to the Principal Designer and Principal Contractor as soon as possible.

Reference shall be made to the BGNHC Safe System of Work document sent with this construction drawing.

IMPORTANT NOTE RELATING TO CONTAMINATED GROUND

SHOULD THIS SITE HAVE A HISTORY OF SOIL CONTAMINATION PLEASE LIAISE WITH THE SITE MANAGER TO IDENTIFY POTENTIAL HAZARDS BEFORE STARTING WORK.

The developer must ensure the bedding, backfill and surround to all gas mains and services is clean imported material such that installation of new pipework and future pipework maintenance is in clean, inert soil. The developer must be able to support evidence of backfill being clean and inert by the provision of a contamination validation certificate.

The developer must ensure appropriate precautions have been taken to protect construction workers. Good standards of hygiene and appropriate PPE and health and safety procedures must be followed.

IMPORTANT INFORMATION RELATING TO GAS METER POSITIONS AND CHOICE OF METER BOXES

Gas meter positions shown are indicative only.

Semi concealed/Universal meter boxes shall not:

- Obstruct footpaths
- Passageways
- Drives
- Be a trip hazard

For these types of box attention must be paid to ensuring the box is fitted correctly in relation to finished ground levels.

Build-in/Cavity and Surface Mounted meter boxes must be installed in accessible locations.

For all meter box types any position where damage could occur, especially from vehicles, shall be avoided.

Premises with 2 or more floors above the ground floor should not have meters sited on or under the driveway, or in any other part of the premises where the driveway forms the sole means of escape in case of fire.

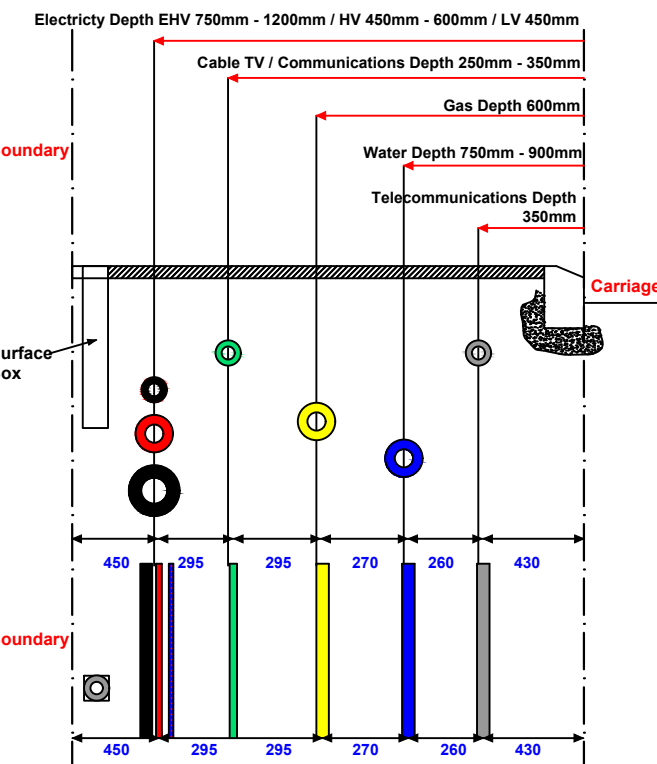
IMPORTANT INFORMATION RELATING TO DIVERSIONS/ALTERATIONS TO EXISTING PLANT

Works specifically excludes any works by British Gas for the diversion, alteration or making dead of any National Grid or other DNOCT owned gas distribution infrastructure on the site.

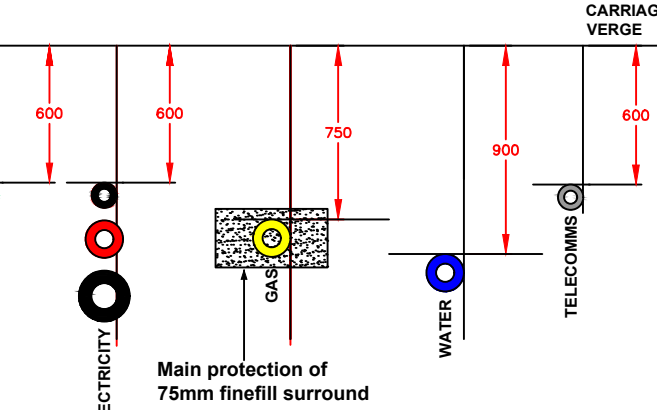
IF YOUR ARE IN ANY DOUBT CONCERNING THE INFORMATION PROVIDED ABOVE THEN PLEASE SEEK ADVICE.

NOTES

RECOMMENDED POSITIONING OF UTILITY APPARATUS IN FOOTWAY (Not to Scale)



TYPICAL ROAD/VERGE SECTION INDICATING DEPTH OF COVER FOR UTILITY APPARATUS (Not to Scale)



KEY FOR MAINS AND SERVICE PIPEWORK

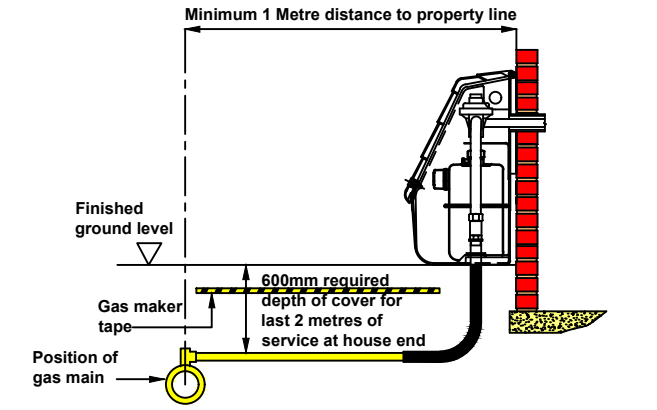
Proposed L.P. Main < 75 mbar	Existing L.P. Main < 75 mbar	Proposed M.P. Main 75 mbar - 2 bar	Existing M.P. Main 75 mbar - 2 bar	Proposed L.P. Main > 2 bar - 7 bar	Existing L.P. Main > 2 bar - 7 bar	Existing H.P. Main > 7 bar - 24 bar	Existing H.P. Main > 24 bar - 38 bar	Existing H.P. Main > 38 bar - 70 bar
Change of size	Pressure Regulator							

Guidance for Mains/Services Duct Sizes

Pipe Size for PE Pipe	Minimum Duct Size for Services Insertion
< 32mm	60mm (yellow perforated)
63mm	100mm
90mm	150mm
125mm	200mm
180mm & 250mm	300mm
315mm	400mm

ALL MAINS MDPE:
90mm and above: SDR 17.6
63mm SDR 11

TYPICAL CROSS SECTION OF GAS SERVICE



MATERIAL	DESCRIPTION
CI	Cast Iron Main
DI	Ductile Iron Main
ST	Steel main or service
MDPE (17.6)	Medium Density Polyethylene (SDR Rating) main or service
HDPE (11)	High Density Polyethylene (SDR Rating) main or service

SIZE	DESCRIPTION
12"	Metallic main or service - Imperial (nominal bore)*
150mm	Metallic main or service - Metric (nominal bore)
3"	Polyethylene main or service - Imperial (nominal bore)
90	Polyethylene main or service - Metric (outside diameter)
	*Note - for Steel 18" denotes the pipe size where the designation changes from nominal bore to outside diameter

PRESSURE	DESCRIPTION
LP	Low Pressure - up to 75 millibar gauge
MP	Medium Pressure - between 75 millibar and 2 bar gauge
IP	Intermediate Pressure - between 2 bar and 7 bar gauge
HP	High Pressure - above 7 bar gauge

ALL MAINS MDPE:
90mm and above: SDR 17.6
63mm SDR 11

CSEP Connection Ref:

Upstream Gas Transporter: SOUTHERN GAS

CLIENT **Abbey New Homes**

PROJECT **Plots 24-27, 29-54, 69-95 & 125-146 Phase 1 - Richmer Road**

Erith

Kent DA8 2HN

TITLE: **GAS LAYOUT**

DATE: 03/10/2017 SCALE: 1:500

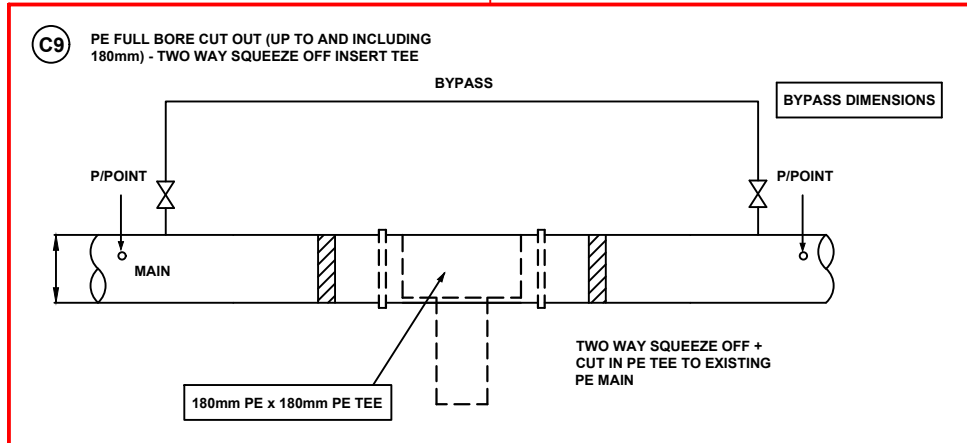
DESIGNED BY: John Raphael DRAWN BY: John Raphael

APPROVED BY: Paul Mason

DRAWING NO: ESN020277-PPS67908-A2-001 SHEET SIZE: A1

Approx Location of Existing/
Proposed SOUTHERN GAS Mains and Apparatus
180mm PE (In 8" CI) LP

CONNECTION
POINT
250mm PE



British Gas Service Provider
excavates and reinstates
all necessary Highway works
between A - B
(all other excavation work is the
responsibility of the Developer)

Scale 1 : 500



ESP Utilities Group
Bluebird House
Mole Business Park
Leatherhead
Surrey
KT22 7BA

Tel No: 01372 587500



Tel No: 01784 874 983

Design and constructed by:

Design Copyright © British Gas

REVISION NOTES

Date	REV No	Details of Revision	Revised by	Approved by
17/10/2017	A2	63mm PE main added between node 9a & 9b to avoid road crossings for services to supply plots 135-142.	John Raphael	Paul Mason

REVISION NOTES

Date	REV No	Details of Revision	Revised by	Approved by
00/00/2016	A	Details		

MAJOR VARIATIONS

Date	Description of Variation	Approved by	Variation recorded on drawing (delete as appropriate)
00/00/2017	Variation Details		YES NO

INDICATOR

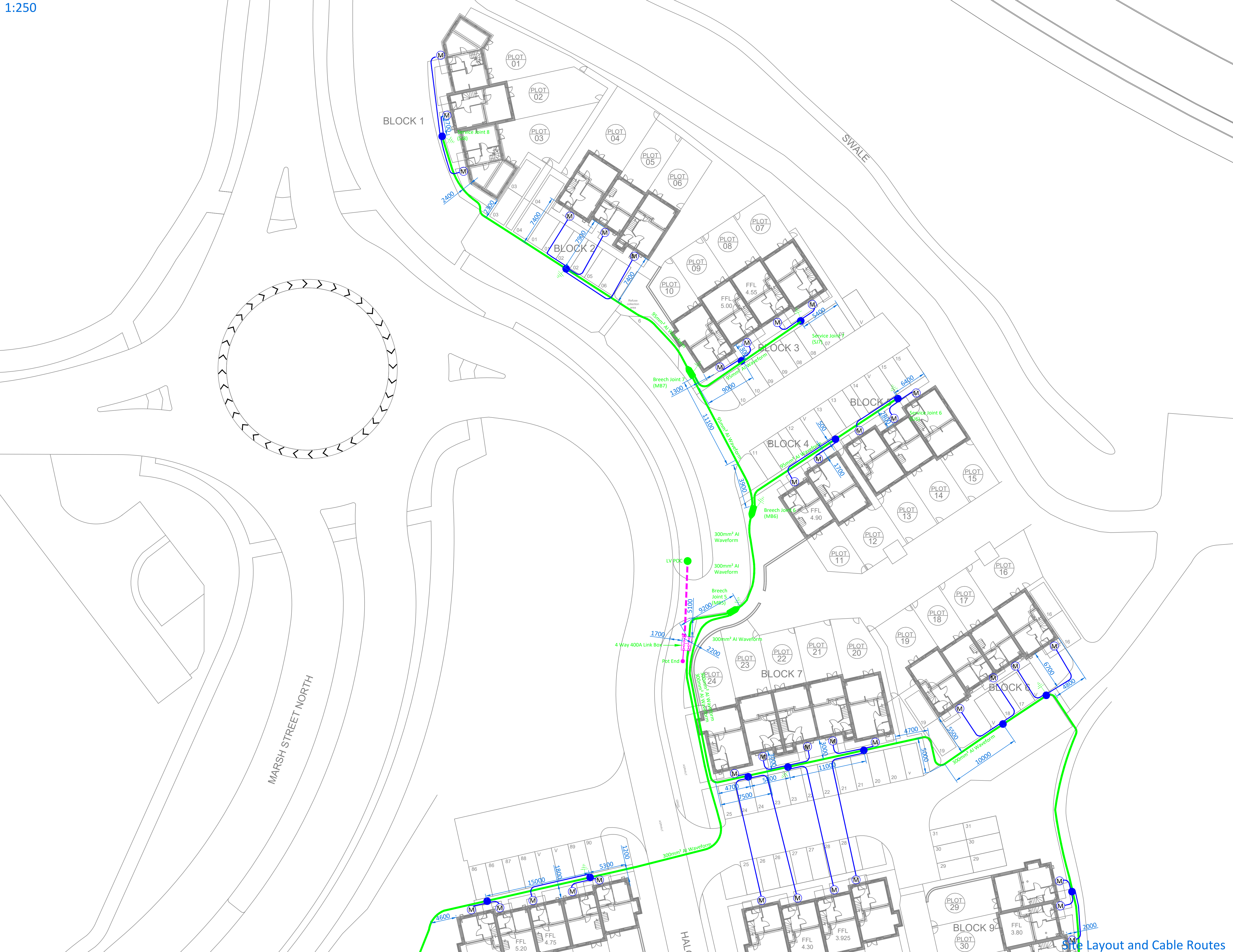
Date	Description of Variation	Approved by	Variation recorded on drawing (delete as appropriate)
00/00/2017	Variation Details		YES NO

MINOR VARIATIONS

Date	Description of Variation	Approved by	Variation recorded on drawing (delete as appropriate)
00/00/2017	Variation Details		YES NO

This plan shows only pipes owned by E S Pipelines Ltd in its role as a licensed Gas Transporter (GT), gas pipes owned by other GT's, and also privately owned, may be present in the area. Information with regard to such pipes should be obtained from the owners. The information shown on this plan is given without obligation, or warranty. The accuracy thereof cannot be guaranteed. All service pipes are not necessarily shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by E S Pipelines Ltd, its agents or servants, for any error or omission. Safe digging practices, as detailed in Health and Safety booklet HS(G)47 'Avoiding danger from underground services', must be used to verify and establish the actual position of mains, services and other plant on site before any Mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct or contract labour) working for you on or near gas apparatus. The information on this plan should not be referred to beyond 28 days following the date of issue.

1:250



Site Layout and Cable Routes



River View House
Bonds Mill Estate
Stonehouse
Gloucestershire
GL10 3RF

Client		TDS (Southern) Ltd	
Project		The Bridge Dartford	
Title		As Laid Plan	
Planning Engineer	Oliver Atkins	Contact No.	0845 257 7105
Project Manager	David Coulter	Contact No.	08452 577 105
Drawn By	SB	Checked By	AW
Scale	As Shown	Sheet No.	1 of 3
Drawing No.	UKP1253 - DWG900		Rev
Drawing Status	For Information Only		5

Sou



UKPOWER
SOLUTIONS

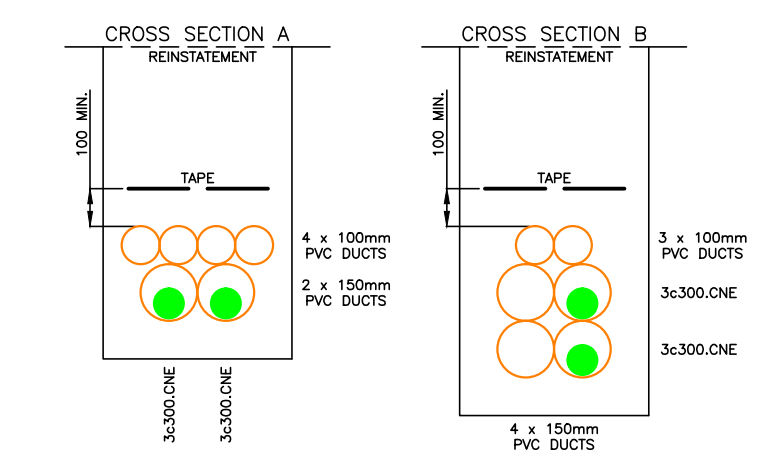
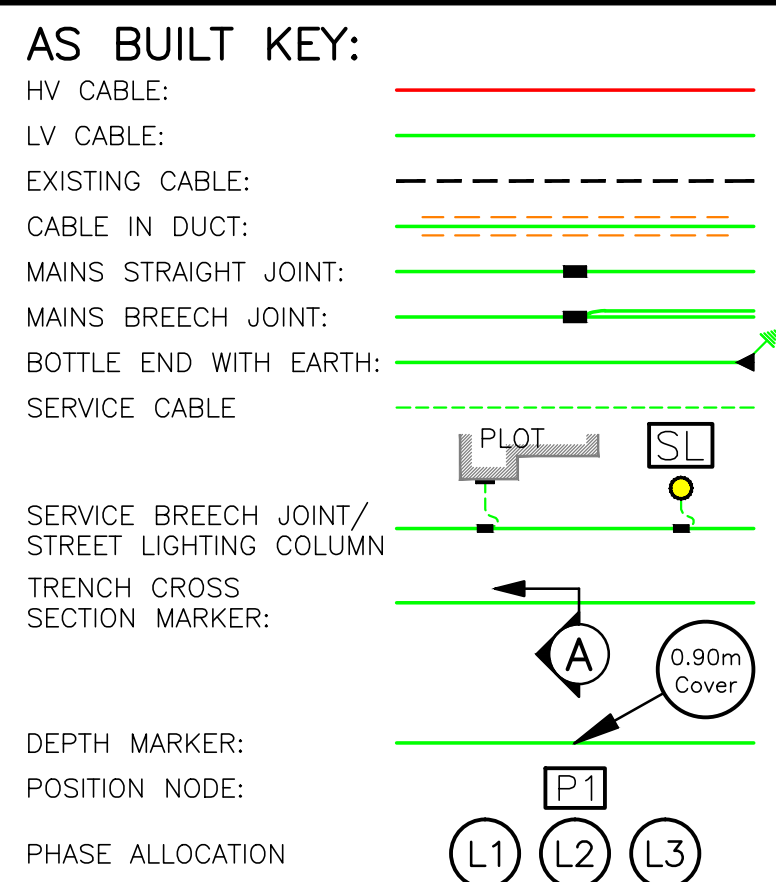
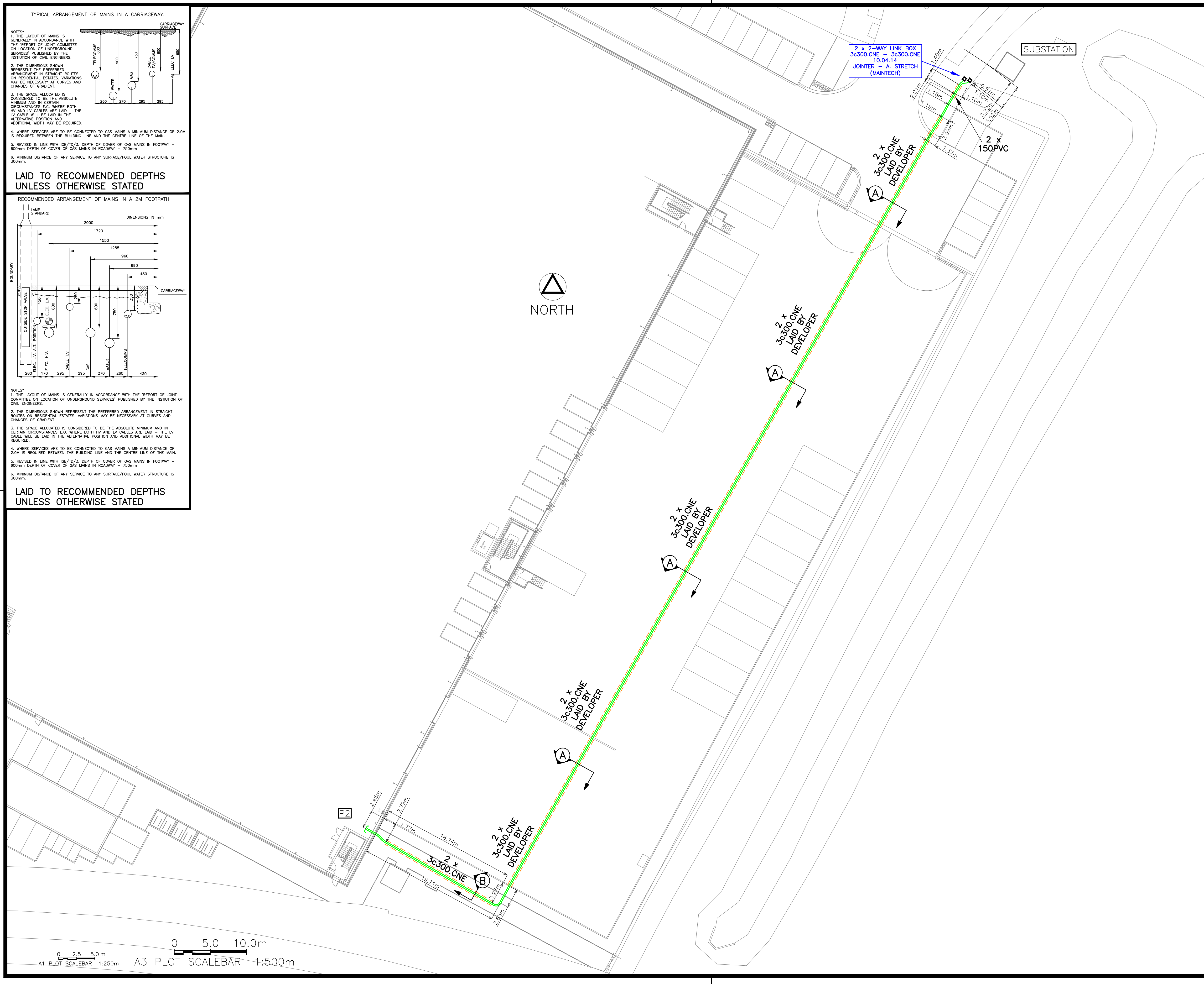
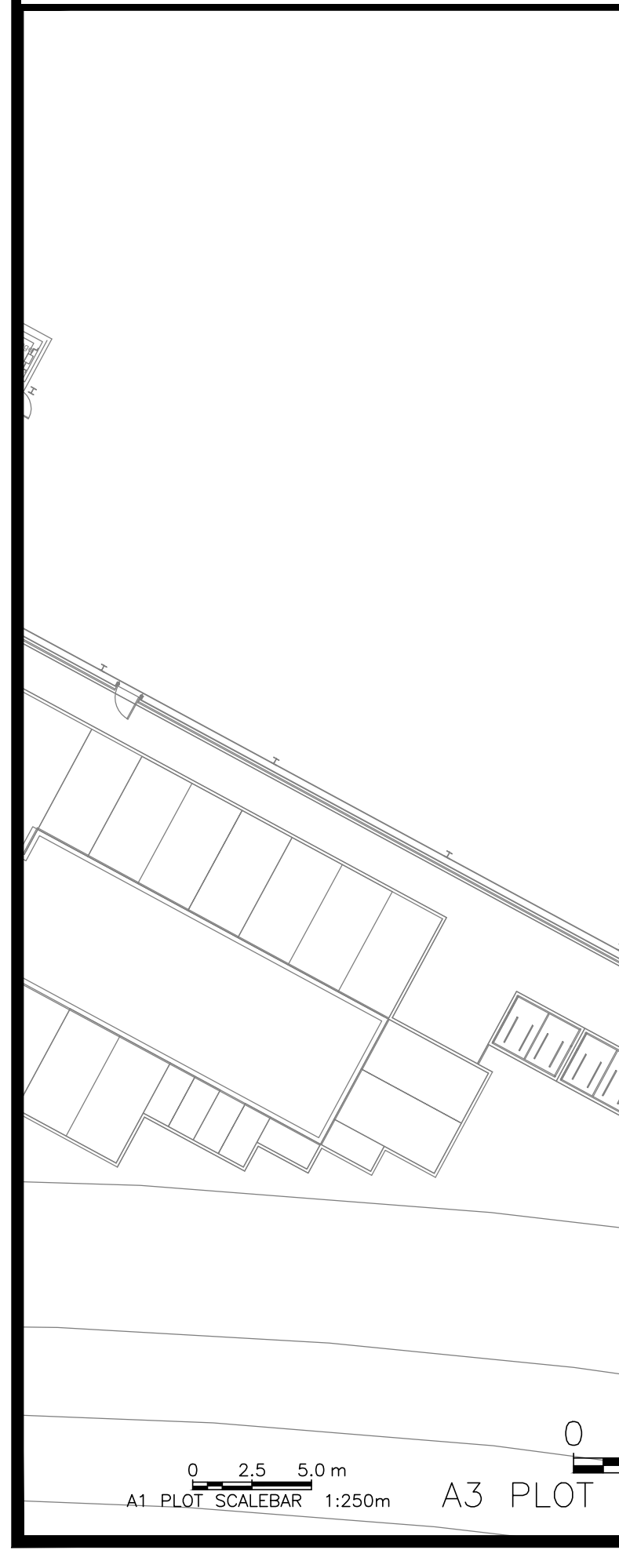
Client	TDS (Southern) Ltd
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Project	The Bridge Dartford
Title	

As Laid Plan	
Planning Engineer Oliver Atkins	Contact No. 0845 257 7105

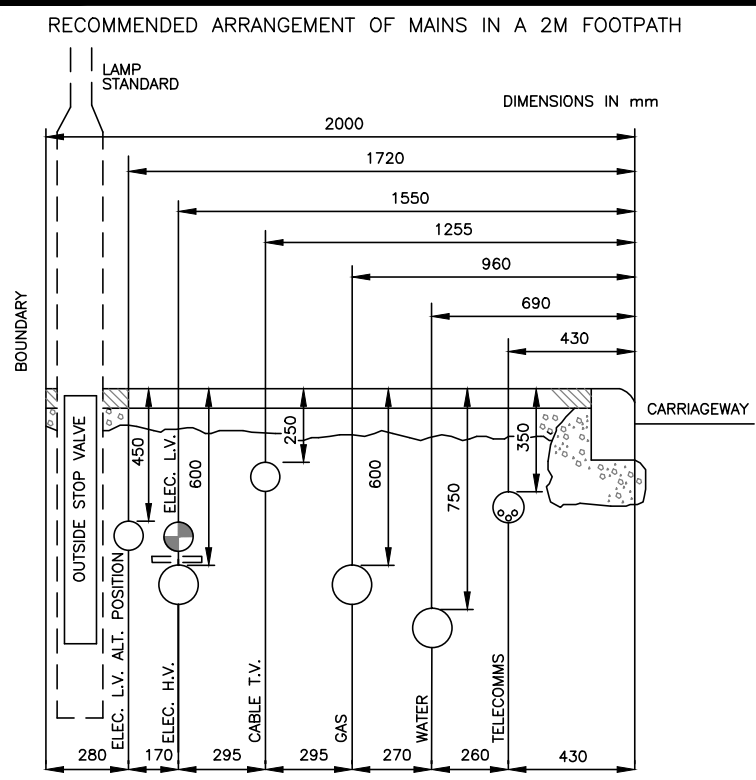
Project Manager David Coulter		Contact No 08452 577 105	
Drawn By SB	Checked By AW	Date 17/09/13	
Scale As Shown	Sheet No 3 of 3	Original Size A1	

Drawing No.	UKP1253 - DWG900	Rev	5
Drawing Status			
For Information Only			



AS LAID INFORMATION Supplied by: Matrix ABC Limited Office 1st - 2 Logistics House, 3, John's Walk, Twicken Road, Bradford West Yorkshire BD18 2RL		 Limited As Built and as Cad Tel: 01274 723447
STATUS: IDNO LV AS BUILT		REV: A
SCHEME: LITTLEBROOK, MANOR WAY DARTFORD		
PROJECT MANAGER: PAUL FOWLER		
PRINCIPLE QUANTITIES - INFO TO 15.04.14		
FROM	TO	LENGTH In m
PIK BOX P1	3<30.00CNE	153.1
LINK BOX P2	3<30.00CNE	153.9
SURVEYOR: BEN HOWE		CONTACT No: 07786738298

Rev.	Description/Details	Rev. Date	Rev. by	
A	FIRST ISSUE FOR COMMENT	17.04.14	JAH	
Contractor. 		Matrix Networks Limited 6500 Daresbury Park Daresbury, Warrington, Cheshire WA4 4GE Tel: 0844 74 000 74 Fax: 0844 74 000 75		
Scheme / Site Name. LITTLEBROOK, MANOR WAY DARTFORD Site Developer.WINVIC CONSTRUCTION				
Grid Reference.T0604752				
Drawing Status. IDNO LV AS BUILT				
Contractor Ref.No. MN209080 IDNO/DNO Ref. No.—				
Contractor Dwg.No. MN209080-JAH-002				
Designed by	Drawn by	Checked by	Approved by	Sheet 1 of 1
—	JAH	BAH	—	1
Scale 1:250		Date drawn	17.04.2014	Revision A



NOTES*

1. THE LAYOUT OF MAINS IS GENERALLY IN ACCORDANCE WITH THE 'REPORT OF JOINT COMMITTEE ON LOCATION OF UNDERGROUND SERVICES' PUBLISHED BY THE INSTITUTION OF CIVIL ENGINEERS.

2. THE DIMENSIONS SHOWN REPRESENT THE PREFERRED ARRANGEMENT IN STRAIGHT ROUTES ON RESIDENTIAL ESTATES. VARIATIONS MAY BE NECESSARY AT CURVES AND CHANGES OF GRADIENT.

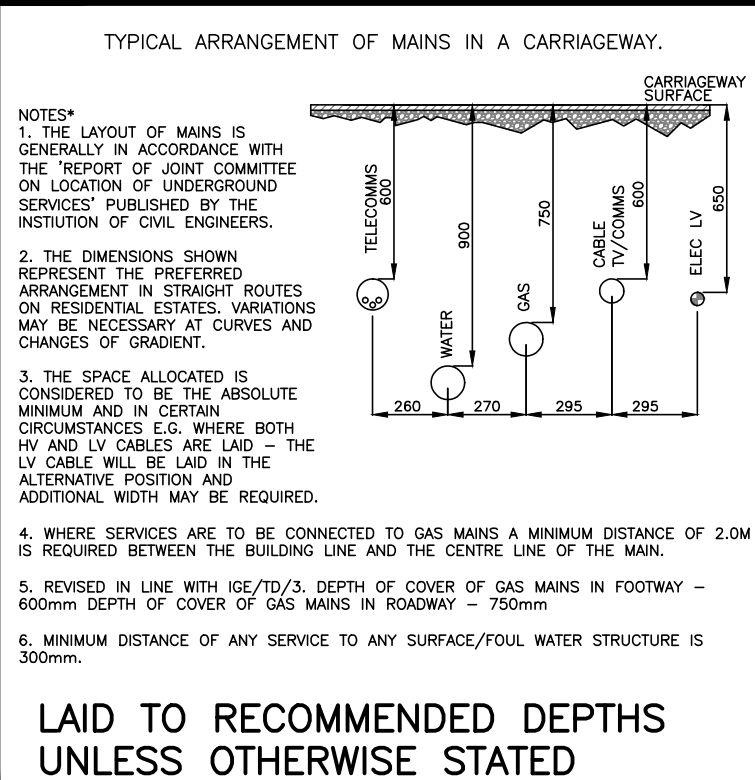
3. THE SPACE ALLOCATED IS CONSIDERED TO BE THE ABSOLUTE MINIMUM AND IN CERTAIN CIRCUMSTANCES E.G. WHERE BOTH HV AND LV CABLES ARE LAID - THE LV CABLE WILL BE LAID IN THE ALTERNATIVE POSITION AND ADDITIONAL WIDTH MAY BE REQUIRED.

4. WHERE SERVICES ARE TO BE CONNECTED TO GAS MAINS A MINIMUM DISTANCE OF 2.0M IS REQUIRED BETWEEN THE BUILDING LINE AND THE CENTRE LINE OF THE MAIN.

5. REVISED IN LINE WITH ICE/TD/3. DEPTH OF COVER OF GAS MAINS IN FOOTWAY - 600mm DEPTH OF COVER OF GAS MAINS IN ROADWAY - 750mm

6. MINIMUM DISTANCE OF ANY SERVICE TO ANY SURFACE/FOUL WATER STRUCTURE IS 300mm.

LAI D TO RECOMMENDED DEPTHS
UNLESS OTHERWISE STATED



NOTES*

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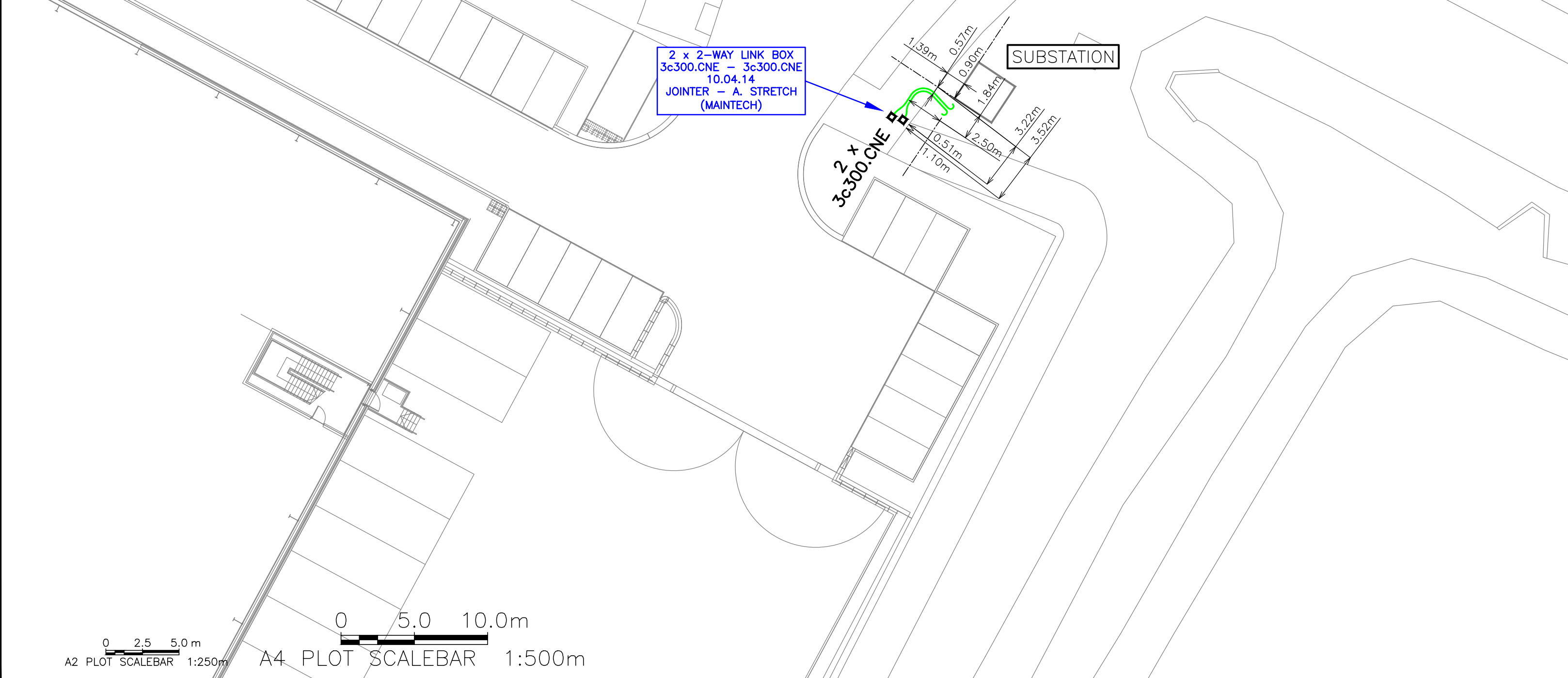
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LAI D TO RECOMMENDED DEPTHS
UNLESS OTHERWISE STATED



AS BUILT KEY:

HV CABLE:

LV CABLE:

EXISTING CABLE:

CABLE IN DUCT:

MAINS STRAIGHT JOINT:

MAINS BREECH JOINT:

BOTTLE END WITH EARTH:

SERVICE CABLE

SERVICE BREECH JOINT/ STREET LIGHTING COLUMN

TRENCH CROSS SECTION MARKER:

DEPTH MARKER:

POSITION NODE:

PHASE ALLOCATION

AS LAID INFORMATION

Supplied by Matrix ABC Limited

Offices 1-2 Logistics House, St Johns Works, Neville Road, Bradford West Yorkshire BD4 8TU. Tel: 01274 723447

Matrix ABC Limited As Built and Cad

STATUS: DNO LV AS BUILT REV: A

SCHEME: LITTLEBROOK, MANOR WAY DARTFORD

PROJECT MANAGER: PAUL FOWLER

PRINCIPLE QUANTITIES - INFO TO 15.04.14

FROM	TO	SIZE	LENGTH IN m
SUBSTATION	LINK BOX	3c300.CNE	5.9
SUBSTATION	LINK BOX	3c300.CNE	5.3

SURVEYOR: BEN HOWE CONTACT No: 07786738298

Rev.	Description/Details	Rev. Date	Rev. by
A	FIRST ISSUE FOR COMMENT	17.04.14	JAH

Contractor.

Matrix Networks Limited

6500 Daresbury Park
Daresbury, Warrington,
Cheshire
WA4 4GE
Tel: 0844 74 000 74
Fax: 0844 74 000 75

Scheme / Site Name. LITTLEBROOK, MANOR WAY DARTFORD

Site Developer. WINVIC CONSTRUCTION

Grid Reference. TQ604752

Drawing Status. DNO LV AS BUILT

Contractor Ref. No. MN209080 IDNO/DNO Ref. No. UKPN

Contractor Dwg. No. MN209080-JAH-001

Designed by	Drawn by	Checked by	Approved by	Sheet 1 of 1
-	JAH	BAH	-	1

Scale 1:250 Orig. Size A2 Date drawn 17.04.2014 Revision A

2. ESP Utilities Group Ltd

From: [ESP Utilities Group Ltd](#)
To: [Riverside Energy Park](#)
Subject: Your Reference: Riverside Energy Park Project Our Reference: PE139967. Plant Affected Notice from ES Pipelines
Date: 05 November 2019 12:06:22
Attachments: [AffectedPlantEnquiryGuidelinesGas.pdf](#)
[AffectedPlantEnquiryGuidelinesElectricity.pdf](#)
[ESN7070_Gas_proposal.pdf](#)
[1356_gas_as_laid.pdf](#)
[ESN017080_gas_proposal.pdf](#)
[ESN018628_gas_as_laid.pdf](#)
[ESN018628_elec_layout.pdf](#)
[ESN016923_Elec_as_laid.pdf](#)

Riverside Energy Park Project
The Planning Inspectorate

5 November 2019

Our Ref: PE139967
Your Ref: Riverside Energy Park Project

West of the existing Riverside Resource Recovery Facility, Bexley, London.

Dear Sir/Madam,

Further to your enquiry received on 03/09/2019, I can confirm that ESP Utilities Group Ltd may be affected by the proposed works in the area of West of the existing Riverside Resource Recovery Facility, Bexley, London.. ESP Utilities Group Ltd has low pressure gas mains and electric networks serving the area in question at grid reference E551349, N178212 and security of supply is vitally important.

Project drawing as laid extracts for these sites are enclosed (not to scale) for your information which show the approximate location of the ESP Utilities Group Ltd network close to the area of interest off West of the existing Riverside Resource Recovery Facility, Bexley, London..

As your plans for the proposed work develop you are required to keep ESP Utilities Group Ltd regularly updated about the extent and nature of your proposed works in order for us to fully establish whether any additional precautionary or diversionary works are necessary to protect our network.

Arrangements can be set in place so that one of our representatives can meet on site (date to be agreed) and we will be happy to discuss the impact of your proposals on the network once we have received the details.

A list of precautionary measures is attached for your information. This must be passed on to the appointed contractors carrying out the work and any other associated parties.

ESP are continually constructing new gas and electricity networks and this notification is valid for 90 days from the date of this letter. If your proposed works start after this period of time, please re-submit your enquiry.

If you wish to discuss the matter further please contact myself or the team on

01372 587500, alternatively you can email us at PlantResponses@espug.com.

Yours faithfully,

Plant Protection Team
ESP Utilities Group Ltd



Bluebird House
Mole Business Park
Leatherhead
KT22 7BA

☎ 01372 587500 📠 01372 377996

<http://www.espug.com>

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Please consider the environment before printing this e-mail

PRECAUTIONS TO BE TAKEN WHEN CARRYING OUT WORK IN THE VICINITY OF UNDERGROUND GAS PIPES

ADVICE TO SITE PERSONNEL

MANAGEMENT NOTE

Please ensure that a copy of this note is read by your site management and to your site operatives.

Early consultation with ES Pipelines Ltd prior to excavation is recommended to obtain the location of plant and precautions to be taken when working nearby.

This note has been produced after consultation with and at the request of the Health and Safety Executive, the construction industry and the local authorities as an interim measure pending the issue of an HSE Guidance Note.

Introduction

Damage to ES Pipelines Ltd's plant can result in uncontrolled gas escapes which may be dangerous. In addition these occurrences can cause expense, disruption of work and inconvenience to the public.

Various materials are used for gas mains and services. Cast Iron, Ductile Iron, Steel and Plastic pipes are the most widely found. Modern Plastic pipes are either bright yellow or orange in colour.

Cast Iron and Ductile Iron water pipes are very similar in appearance to Cast Iron and Ductile Iron gas pipes and if any Cast Iron or Ductile Iron pipe is uncovered, it should be treated as a gas pipe. ES Pipelines Ltd do not own any metallic gas pipes but their gas network infrastructures may be connected to Cast Iron, Ductile Iron or Steel pipes owned by Transco.

The following general precautions apply to Intermediate Pressure (2-7barg MOP), Medium Pressure (75mbarg-2barg MOP), Low Pressure (up to 75mbarg MOP) and other gas mains and services likely to be encountered in general site works and are referred to within this document as '**pipes**'.

Locating Gas Pipes

It should be assumed when working in urban and residential areas that gas mains and services are likely to be present. On request, ES Pipelines Ltd will give approximate locations of pipes derived from their records. The records do not normally show the position of service pipes but their probable line can be deducted from the gas meter position. ES Pipelines Ltd's staff will be pleased to assist in the location of gas plant and provide advice on any precautions that may be required. The records and advice are given in good faith but cannot be guaranteed until hand excavation has taken place. Proprietary pipe and cable locators are available although generally these will not locate plastic pipes.

Safe working Practices

To achieve safe working conditions adjacent to gas plant the following must be observed:

Observe any specific request made by ES Pipelines Ltd's staff.

Gas pipes must be located by hand digging before mechanical excavation. Once a gas pipe has been located, mechanical excavation must proceed **with care**. A mechanical excavator must not in any case be used within 0.5 metre of a gas pipe and greater safety distances may be advised by ES Pipelines Ltd depending on the mains maximum operating pressure (MOP).

Where heavy plant may have to cross the line of a gas pipe during construction work, the number of crossing points should be kept to a minimum. Crossing points should be clearly indicated and crossings at other places along the line of the pipe should be prevented.

Where the pipe is not adequately protected by an existing road, crossing points should be suitably reinforced with sleepers, steel plates or a specially constructed reinforced concrete raft as necessary. ES Pipelines Ltd staff will advise on the type of reinforcement necessary.

No explosives should be used within 30 metres of any gas pipe without prior consultation with ES Pipelines Ltd.

ES Pipelines Ltd must be consulted prior to carrying out excavation work within 10 metres of any above ground gas installation.

Where it is proposed to carry out piling or boring within 15 metres of any gas pipe, ES Pipelines Ltd should be consulted prior to the commencement of the works.

Access to gas plant must be maintained at all times during on site works.

Proximity of Other Plant

A minimum clearance of 300 millimetres (mm) should be allowed between any plant being installed and an existing gas main to facilitate repair, whether the adjacent plant be parallel to or crossing the gas pipe. No apparatus should be laid over and along the line of a gas pipe irrespective of clearance.

No manhole or chambers shall be built over or around a gas pipe and no work should be carried out which results in a reduction of cover or protection over a pipe, without consultation with E S Pipelines Ltd.

Support and Backfill

Where excavation of trenches adjacent to any pipe affects its support, the pipe must be supported to the satisfaction of E S Pipelines Ltd and must not be used as an anchor or support in any way. In some cases, it may be necessary to divert the gas pipe before work commences.

Where a trench is excavated crossing or parallel to the line of the gas pipe, the backfill should be adequately compacted, particularly beneath the pipe, to prevent any settlement which could subsequently cause damage to the pipe.

In special cases it may be necessary to provide permanent support to the gas pipe, before backfilling and reinstatement is carried out. Backfill material adjacent to gas plant must be selected fine material or sand, containing no stones, bricks or lumps of concrete, etc., placed to a minimum depth of 150mm around the pipes and well compacted by hand. No power compaction should take place until 300 mm of selected fine fill has been suitably compacted.

If the road construction is in close proximity to the top of the gas pipe, a "cushion" of selected fine material such as sand must be used to prevent the traffic shock being transmitted to the gas pipe. The road construction depth must not be reduced without permission from the local Highway Authority.

No concrete or other hard material must be placed or left under or adjacent to any Cast Iron pipe as this may cause fracture of the pipe at a later date.

Concrete backfill should not be used closer than 300 mm to the pipe.

Damage to Coating

Where a gas pipe is coated with special wrapping and this is damaged, even to a minor extent E S Pipelines Ltd must be notified so that repairs can be made to prevent future corrosion and subsequent leakage.

Welding or "Hot Works"

When welding or other "hot works" involving naked flames are to be carried out in close proximity to gas plant and the presence of gas is suspected, E S Pipelines Ltd must be contacted before work commences to check the atmosphere. Even when a gas free atmosphere exists care must be taken when carrying out hot works in close proximity to gas plant in order to ensure that no damage occurs.

Particular care must be taken to avoid damage by heat or naked flame to plastic gas pipes or to the protective coating on other gas pipes.

Leakage from Gas Mains or Services

If damage or leakage is caused or an escape of gas is smelt or suspected the following action should be taken at once:

- ❖ Remove all personnel from the immediate vicinity of the escape;
- ❖ Contact Transco's National Gas Escape Call Centre, on: **0800 111 999**;
- ❖ Prevent any approach by the public, prohibit smoking, extinguish all naked flames or other source of ignition for at least 15 metres from the leakage;
- ❖ Assist gas personnel, Police or Fire Service as requested.

REMEMBER - IF IN DOUBT, SEEK ADVICE FROM E S PIPELINES LTD.

ES Pipelines Ltd can be contacted at:

Office Address: Hazeldean, Station Road, Leatherhead, Surrey, KT22 7AA

Office Tel: 01372 227560; **Fax:** 01372 377996; **email:** plantresponses@espipelines.com

PRECAUTIONS TO BE TAKEN WHEN CARRYING OUT WORK IN THE VICINITY OF ELECTRICITY CABLES

ADVICE TO SITE PERSONNEL

MANAGEMENT NOTE

Please ensure that a copy of this note is read by your site management and to your site operatives.

Early consultation with ESP Electricity Ltd prior to excavation is recommended to obtain the location of plant and precautions to be taken when working nearby.

This has been produced after consultation with and at the request of the Health and Safety Executive, the construction industry and the electricity companies.

1.0 Introduction

This procedure should be read in conjunction with the ESP Electricity Distribution Safety Rules and other relevant procedures. The object of this procedure is:

- a) To lay down the rules for the location of cable before work is started.
- b) To specify the safe working procedure to be adopted by persons who have to work on or in the vicinity of cables.

2.0 Reference

ESP Electricity G81 – Design and Planning
ESP Electricity G81 – Installation and Records
National Joint Utilities Group (NJUG) Guidance Notes
Avoiding danger from underground services HSG47 HSE Advice Booklet.

3.0 Work

- 3.1 All cables and apparatus to which the cables are connected shall be treated as being live, until they have been proved dead and all points of isolation have been established and controlled.
- 3.2 All work carried out under this procedure shall also be carried out in strict accordance with the ESP Electricity Distribution Safety Rules and other relevant procedures.
- 3.3 For the purpose of this procedure:
 - a) Work on a cable includes the intentional cutting or removal of its Sheath or Armour, cutting of its core(s) or conductor(s) and the removal of a spiking gun.
 - b) Work in the vicinity of a cable includes digging or any activity carried out at any work location where cables are or may be present, whether or not for the specific purpose of preparation for work on a cable.

4.0 Cable Locating Devices

- 4.1 An approved cable locating device is to be used on every occasion before any surface is removed or any digging is started. It must also be used during the course of any digging work.
- 4.2 Cable location devices provide information on the position of cables. They must not be used as the only means of cable location.
- 4.3 Cable locating devices must be regularly checked for correct operation.

All persons using cable locating devices must be adequately trained in their use and must be Competent Persons.

5.0 Location of Cables

- 5.1 The depth of underground cables varies greatly. It is essential that a site specific risk assessment is undertaken for the proposed work you are planning this must include obtaining an up-to-date map of the electricity cables in the area and to make use of it. The electricity cable records must be checked before any work is started. Changes in surface level or reference points, and work carried out by other people may affect the reliability of these records. Anybody excavating must be told of these possibilities.
- 5.2 Before the start of any excavation work, a cable locating device shall be used to establish the run of live cables. Reasonable steps should be taken to establish the runs of cables both along and across the length of the intended area of digging. The cable avoidance tool shall be used together with mains records and where provided, service records.

- 5.3 All cable runs either confirmed by use of the cable locating device or indicated on the mains records must be marked out on the surface using a waterproof marker. Marked cable runs must be extended 300mm beyond either end or side of the intended digging area, and must stay visible while the digging is going on. The trial hole dig method can be used to identify the run of cables using hand dig tools only.
- 6.0 Precautions to be Taken while Working in Vicinity of Cables**
- 6.1 Work in the vicinity of cables must be carried out as if the cables are live and all excavation work must be personally supervised by a Competent Person. All persons shall wear a minimum of safety footwear, Safety Glasses, hard hat, Task Specific Gloves flame retardant overalls.
- 6.2 Approved hand tools should always be used in preference to power tools in the vicinity of cables, unless site conditions make this impracticable. Spades should always be used in preference to forks. Extreme care must always be taken when using a fork or pick. Forks must be of approved type with shortened chisel ended tines. Spades must have sharp corners of the blade rounded. The selection of a fork or pick will be assessed on a Task Specific Risk Assessment.
- 6.3 A proprietary air digging tool, which removes soil with a high-velocity jet of air, can be used to expose buried services without damage to the service. However, it will not penetrate asphalt, concrete or frozen ground. Also precautions need to be taken that will prevent injury to the operator and members of the public from ejected soil and other materials.
- 6.4 When site conditions require the use of hand held power tools they must be fitted with a short bit. The following method of work must be used:
- Using all the information provided, together with an approved cable locating device, the line of all known cables must be marked out at least 300mm past the hole that will be dug using waterproof marker.
 - Encroachment lines must be drawn 300mm parallel to and away from the outer and innermost cable marker lines. And as in (a) above these must be drawn to extend at least 300mm beyond the edge of the hole that will be dug.
 - Hand held power tools must not be used below ground level in between the encroachment lines. Hand tools must be used for progressive and careful undermining from outside the encroachment lines towards the cable(s). Hand power tools must only be used to break up any hard surface, keeping pace with, but not going past the undermining. Extreme care must, in particular, be exercised when using power tools above cables already exposed by undermining. The use of power tools must stop if at any time the cutting rate quickens, indicating softer ground. At all times, attention must be paid to the cable run marker lines outside the edges of the holes.
 - The safe digging procedure in (c) above must be followed until all cable(s) required for work or for identification have been located.
 - If all recorded or detected cables inside the digging area have been located then hand held power tools may be used below ground level to break up concrete or similar structures, but even then only when site conditions render the use of hand tools impractical.
- 6.5 During excavation, full use must be made of cable locating devices which must be used to assist in establishing the exact location of live cables.
- 6.6 Where exposed cables are likely to be damaged in any way they shall be adequately protected and/or supported. Where in the opinion of the person in charge on site it is appropriate, warning notices must be attached to cables e.g. 'live cable exposed above ground level' or 'live coiled cables'.
- 6.7 Irrespective of the color of the electricity cable it shall be considered as being in a 'live' status unless it has been confirmed and proven that the cable has been physically isolated or turned off.

If damage is caused or suspected the following action should be taken at once:

- ❖ Remove all personnel from the immediate vicinity
- ❖ Contact ESP Electricity 01372 227560 or out of hours Emergency contact Number 0800 731 6945
- ❖ Prevent any approach by the public.
- ❖ Assist electricity personnel, Police or Fire Service as requested.

REMEMBER - IF IN DOUBT, SEEK ADVICE FROM ESP Electricity Ltd.

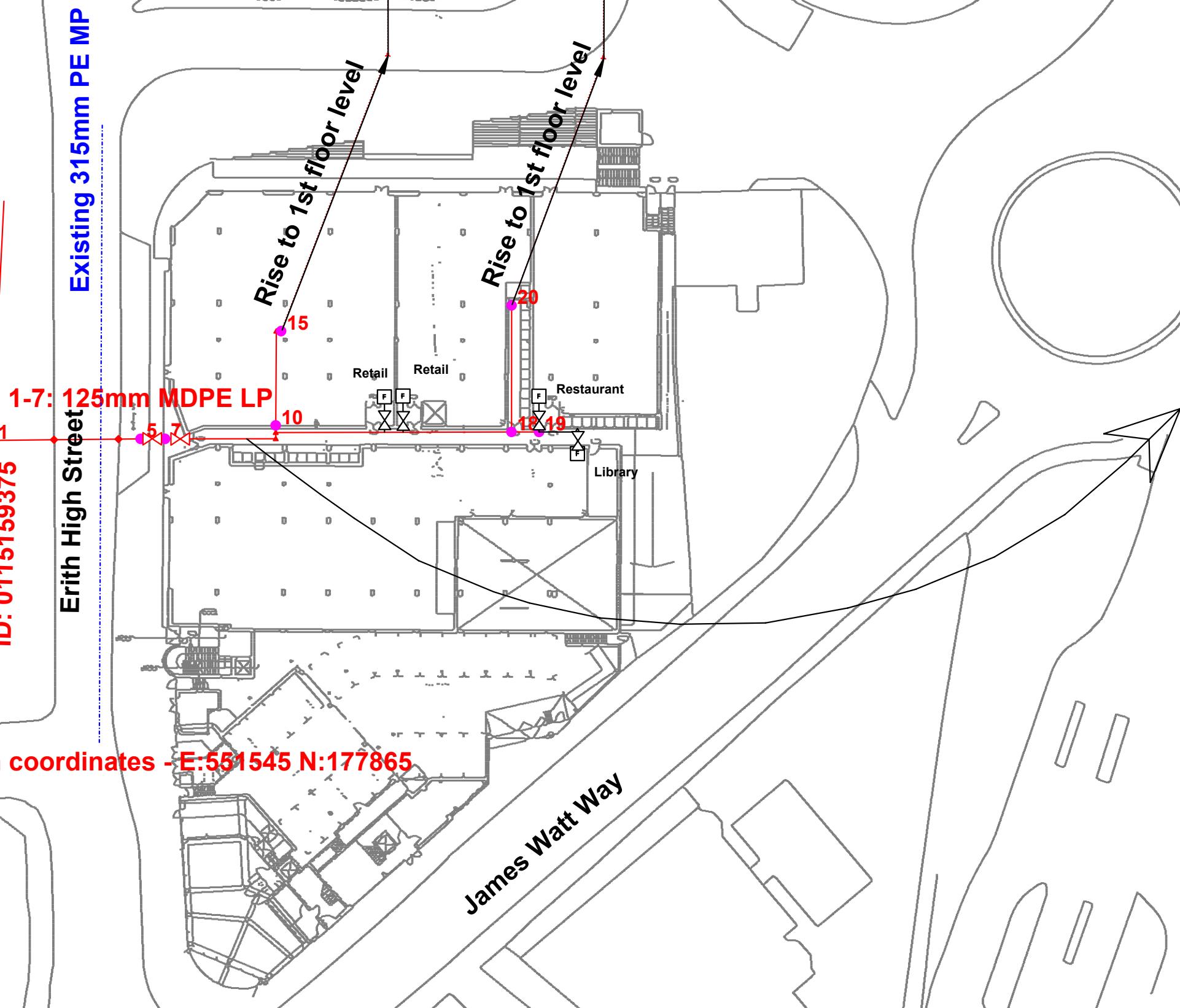
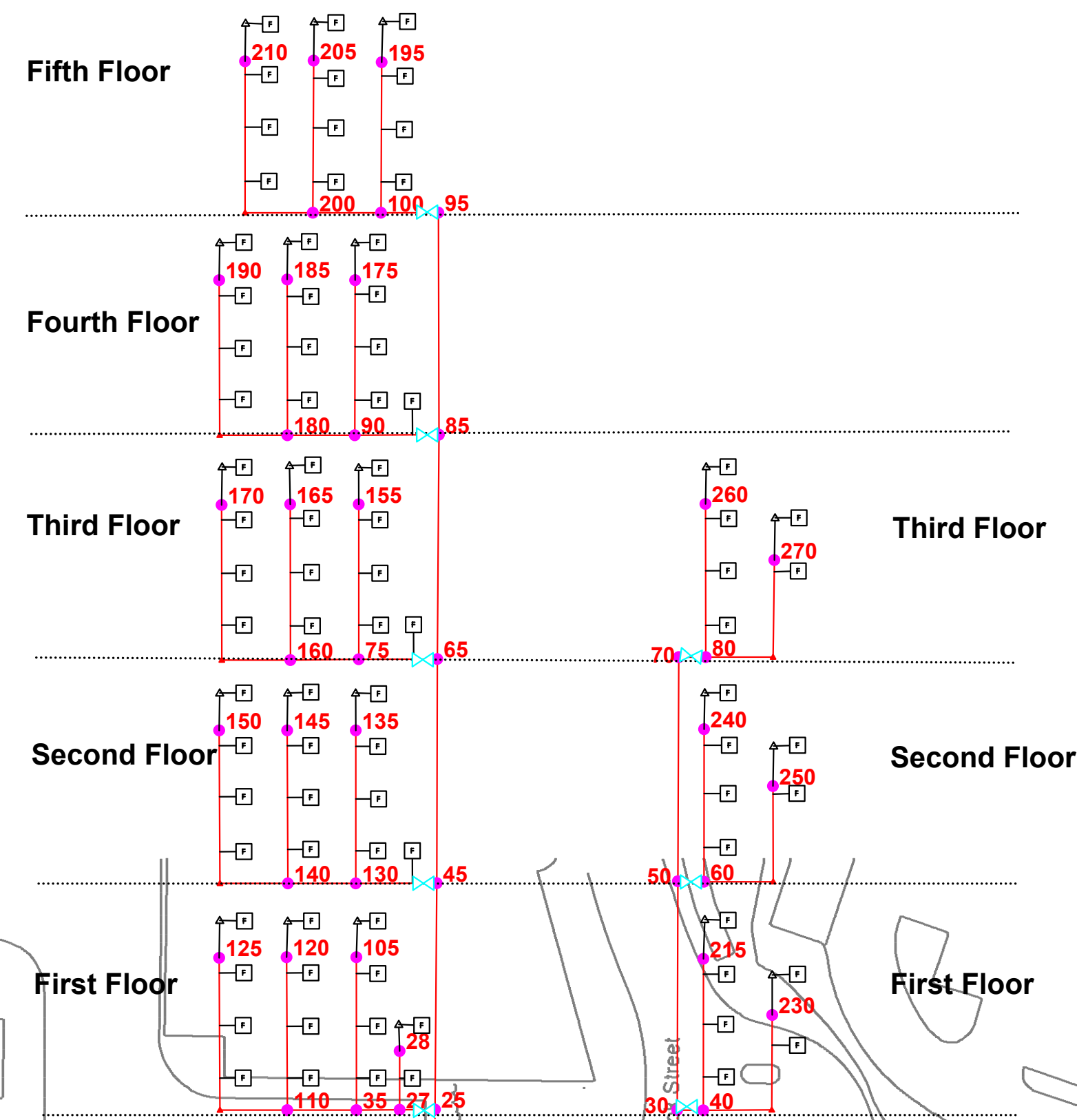
ESP Electricity Ltd can be contacted at:

Office Address: Hazeldean, Station Road, Leatherhead, Surrey, KT22 7AA

Office Tel: 01372 227560; **Fax:** 01372 377996; **email:** plantresponses@esppipelines .com

Designed, and to be built, to IGE/G/5

Sixth Floor

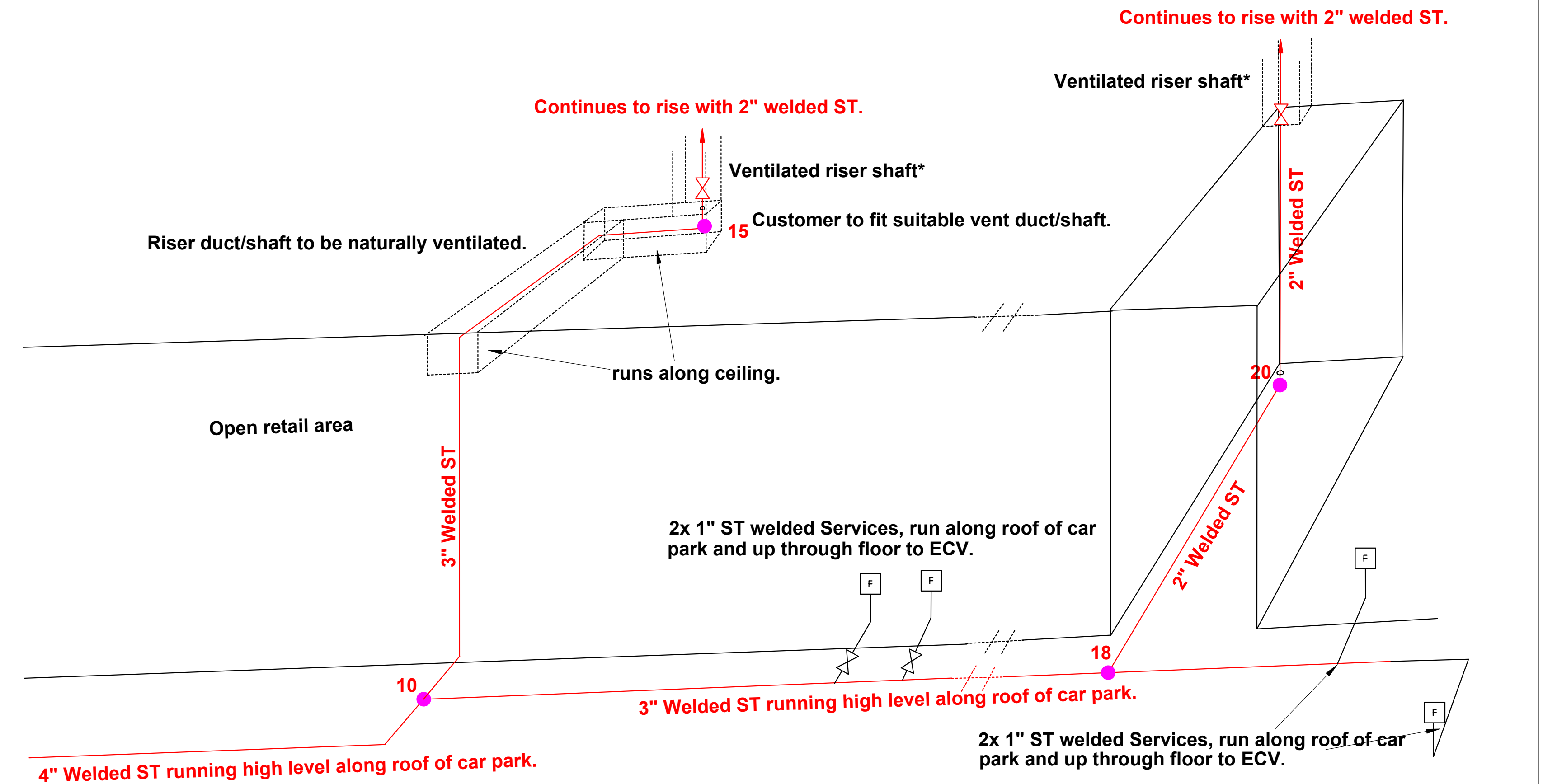


Connection coordinates -E:551545 N:177865

Graphical representation of route of welded steelwork - NOT to scale.

For lengths and diameters of pipework, refer to assumption sheets.

***For ventilation details of riser shafts - please refer to risk assessment.**



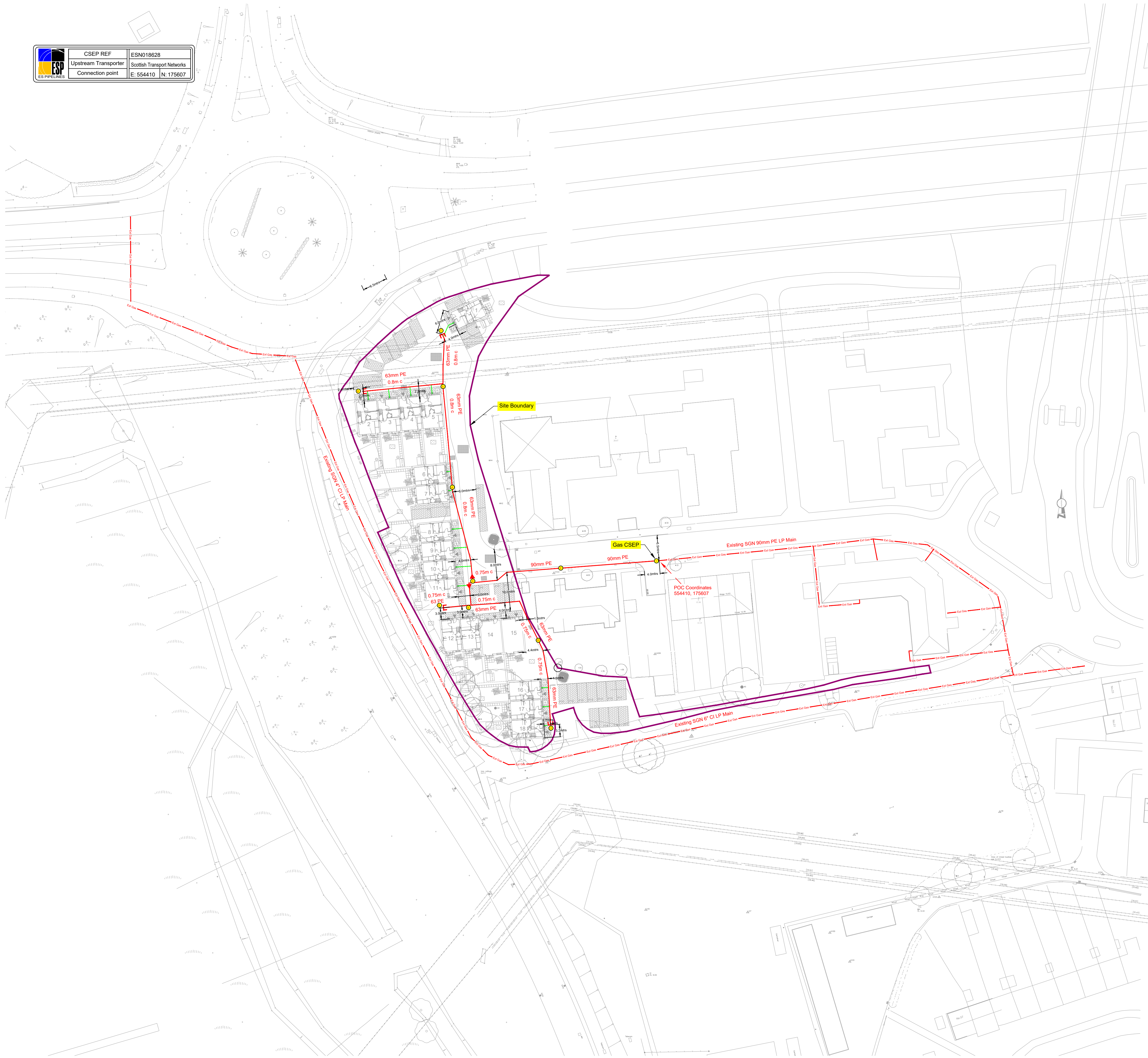
-  **LP Line valve.**
-  **LP Pipe Isolation Valve & Thermal Cut Off Valve**
-  **LP Service isolation valve.**
-  **LP Emergency Control Valve.**

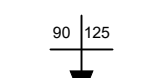
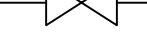
"VERY IMPORTANT – INFORMATION FOR CUSTOMER"		"VERY IMPORTANT – INFORMATION FOR CUSTOMER"		PE MAINS		
TRENCH DEPTH GUIDELINES		MINIMUM PROXIMITY DISTANCES		O.D. (mm)	Material PE Grade	Maximum Operating Pressure
All trenches to be in accordance with N.T.U.G. guidelines		The permissible proximities to normally occupied buildings vary depending upon construction material and operating pressure shown in the tables below				<=75mmbar (L.P.) >=75mmbar >=84 Bar (M.P.)
MINIMUM DEPTHS OF COVER:		STEEL MAINS		Minimum Proximity (m)		
MAINS: Carriageway – 750mm (1) Other ground – 600mm SERVICES: (a) >63mm – As above (b) <63mm – 450mm		Operating Pressure		Minimum proximity to Premises (m)		
All pipes laid in agricultural land – 1.1m		LP	0.25			
All ducts (if used) must conform to BS4962, Yellow in colour, convoluted and perforated.		MP	1	100 to 250	PE100 SDR 17.6	1
		SP	3		PE100 SDR 11	3
				315	PE100 SDR 17.6	1
					PE100 SDR 11	3

 QUOTE REF: 8104362-04 SCALE: 1:500 @ A1 SITE ADDRESS: Erith South Formerly Erith Small Business Centre Erith High Street Erith Kent DA8 1RT	Central Court Station Way Crawley, West Sussex RH10 1JH	DESIGNED BY: caj62 DESCRIPTION OF WORKS: From existing 12"DI LP main, lay new LP main entering basement area, continue LP main to supply 2x risers to 5th and 3rd floors to B3 meter positions, also lay a total of 4x commercial LP services.	DRAWING: 1 of 1 DRAWING KEY: LP Main MP Main IP Main Proposed Service Proposed Meter Position Pipes To Be Abandoned 
			Change Of Diameter  Governor 
			Change Of Material  Valve 

UNCONTROLLED
WHEN PRINTED

	CSEP REF	ESN018628
	Upstream Transporter	Scottish Transport Networks
	Connection point	E: 554410 N: 175607



Materials	Description	Key for Mains & Service Pipework	
DI	Ductile Iron Main		Existing LP mains or services operating up to 75 millibar gauge
CI	Cast Iron Main		Proposed LP mains or services operating up to 75 millibar gauge
ST	Steel main or service		Existing MP mains or services operating between 75 millibar and 2 bar gauge
MDPE (17.6)	Medium Density Polyethylene (SDR Rating) main or service		Proposed MP mains or services operating between 75 millibar and 2 bar gauge
HDPE (11)	High Density Polyethylene (SDR Rating) main or service		Existing IP mains or services operating between 2 bar and 7 bar gauge
			Proposed IP mains or services operating between 2 bar and 7 bar gauge
Size	Description		
12"	Metallic main or service - Imperial (nominal bore)*		
150mm	Metallic main or service - Metric (nominal bore)		
3"	Polyethylene main or service - Imperial (nominal bore)		
90	Polyethylene main or service - Metric (outsidediameter)		
* note - for Steel 18" denotes the pipe size where the designation changes from nominal bore to outside diameter			
Pressure	Description		
LP	Low Pressure - up to 75 millibar gauge		
MP	Medium Pressure - between 75 millibar and 2 bar gauge		
IP	Intermediate Pressure - between 2 bar and 7 bar gauge		
HP	High Pressure - above 7 bar gauge		
MDPE Mains 90mm & above SDR 17.6 63mm SDR 11			
Drawing Nomenclature			
	Change in diameter nominal bore		
	Mains not connected		
	Valve		
	Pressure Regulator		
	Cap End		
	Pressure / Purge point		
	Depth of Cover main or service		
	Node		



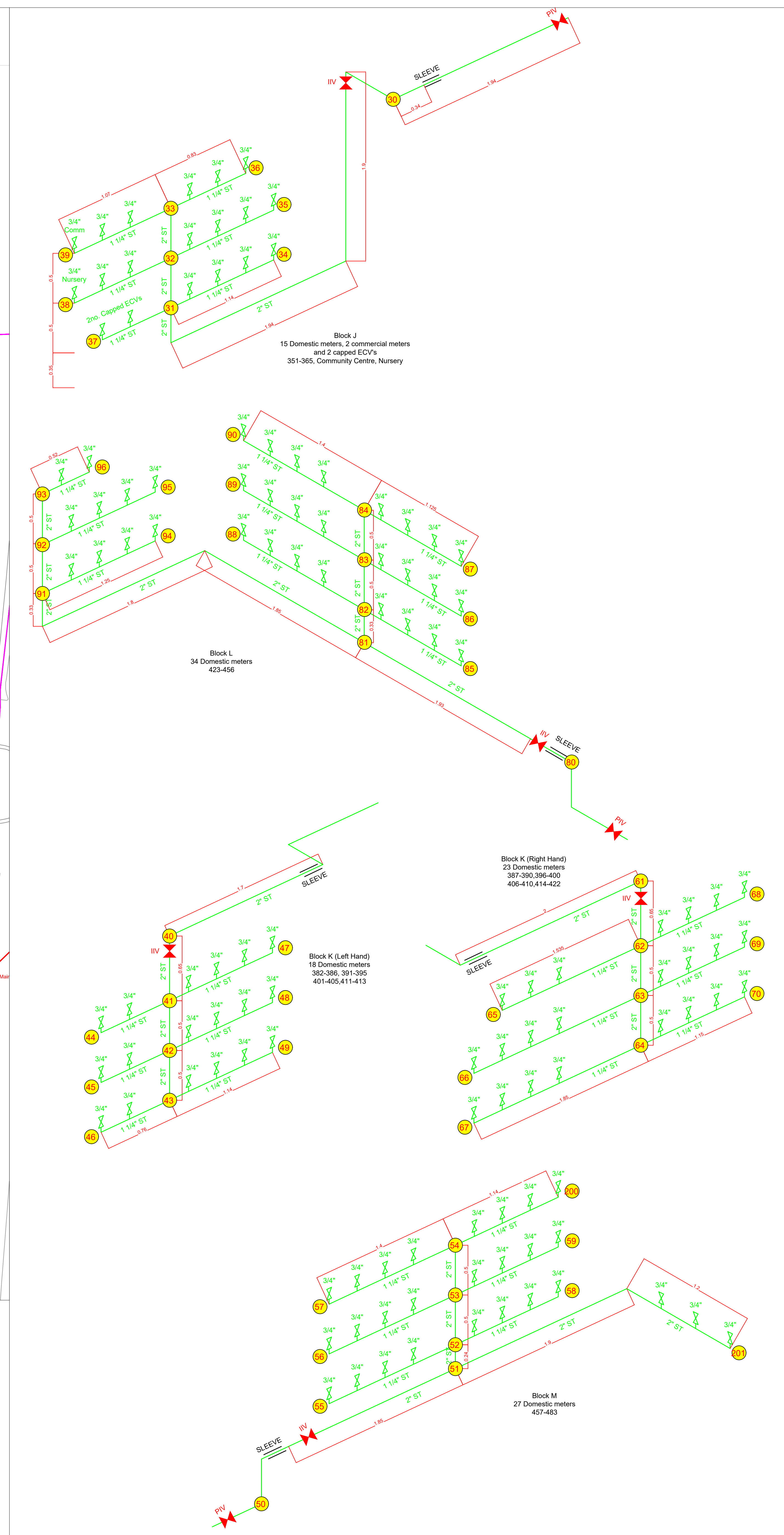
ESP Utilities
Bluebird House
Mole Buissness Park
Leatherhead
SURREY
KT22 7BA
Tel: 01372 587500

Drawn by	Scale:	Date created:
RM	1:500	01/05/18
DRAWING TITLE		
Dunlop Close, Joyce Green Lane Phase 2 DA1 5JL		
Drawing No	B9649672	REV: A
Issue Number:	SHEET: 1 of 1	Printed: 
Pipe Lengths (mtrs)		
63mm	90mm	125mm
145	50	180mm
MP		250mm
IP		315mm
		355mm
REV	DETAILS OF REVISION	Date
A	First Issue	01/05/18

This Plan shows only the pipes owned by E S Pipelines Ltd in its role as a licensed Gas Transporter (GT). Gas pipes owned by other GT's, and also privately owned, may be present in the area. Information with regard to such pipes should be obtained from the owners. The information shown on this plan is given without obligation, or warranty. The accuracy thereof cannot be guaranteed. All service pipes are not necessarily shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by E S Pipelines Ltd, its agents or servants, for any error or omission. Safe digging practices, as detailed in Health and Safety booklet HS(G47) 'Avoiding danger from underground services', must be used to verify and establish the actual position of mains, services and other plant on site before any Mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct or contract labour) working for you on or near gas apparatus. The information on this plan should not be referred to beyond 28 days following the date of issue. DATE OF ISSUE:

REPRODUCED FROM THE ORDNANCE SURVEY MAP WITH THE SANCTION OF THE CONTROLLER OF HER MAJESTY'S STATIONARY OFFICE © CROWN COPYRIGHT RESERVED.

THIS DRAWING IS THE COPYRIGHT OF E.S. PIPELINES LIMITED AND MAY NOT BE REPRODUCED WITHOUT WRITTEN CONSENT ©

[illegible]

ISEP 2 - Network Design:

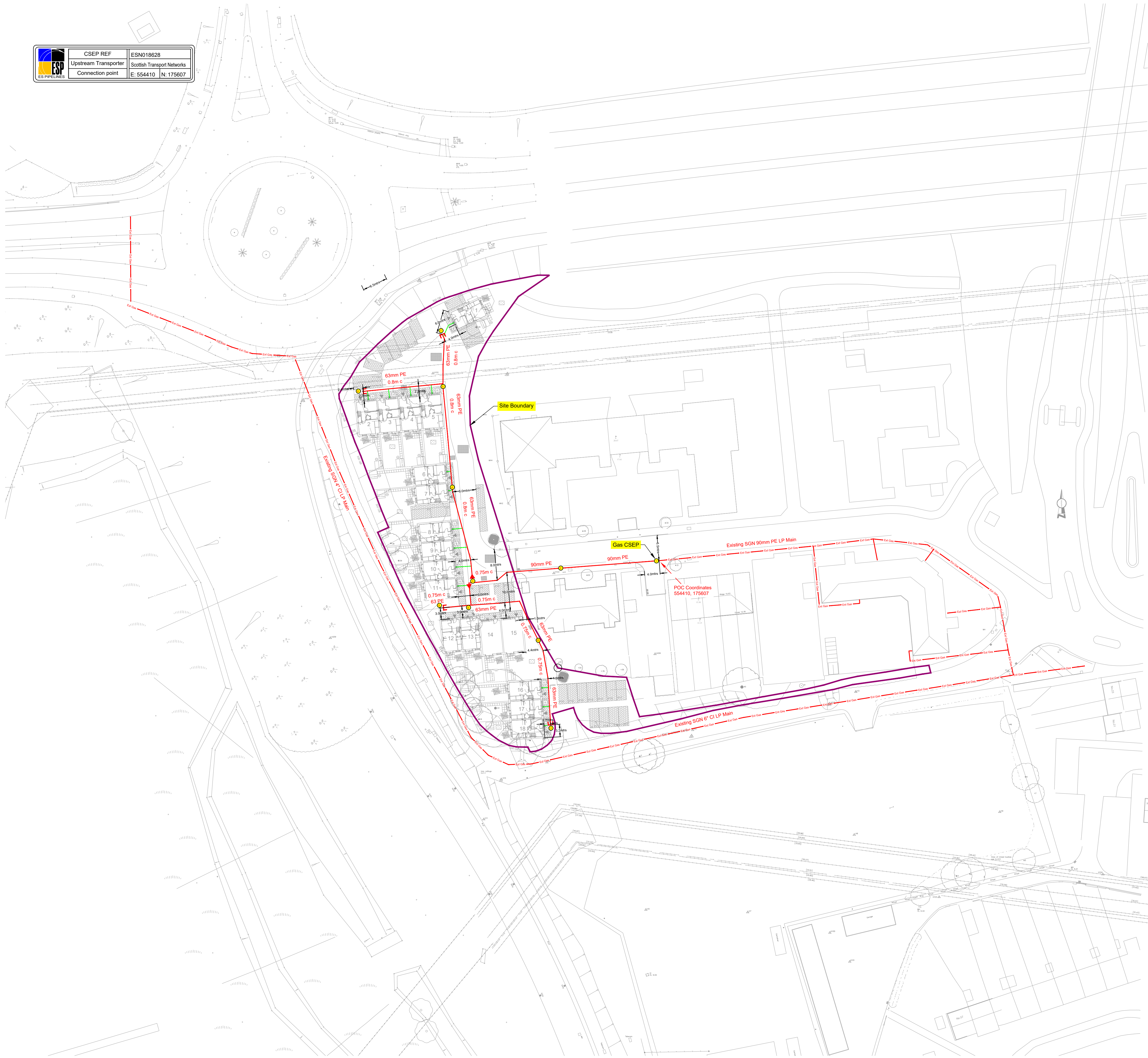
Mains Design Pressure and Velocity			
	LP		MP
Source Pressure	24 mBar		mBar
Peak Flow	22.8 m3/hr		m3/hr
Maximum Velocity	3.49 m/s	On combi test	m/s
Minimum Pressure	23.33 mBar	On combi test	mBar
Pressure Drop	0.67 mBar		0 mBar
Connection			
Parent Main Operator	Scotia Gas Networks		
Parent Main Dia	315mm		
Parent Main Material	PE		
Connection	63mm Top Outlet Service Tee		
POC Coordinates	551330, 177300		
Dowstream Main	63mm		

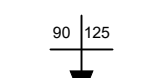
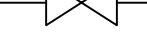
Mains Lengths (m) and Diameters			
	LP	MP	IP
63mm	24	63mm	63mm
90mm		90mm	90mm
125mm		125mm	125mm
180mm		180mm	180mm
250mm		250mm	250mm
315mm		315mm	315mm
355mm		355mm	355mm
Steel			
	LP	MP	IP
1 1/4"	7.5		
2"	6.4		

[illegible]

UNCONTROLLED
WHEN PRINTED

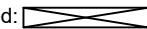
	CSEP REF	ESN018628
	Upstream Transporter	Scottish Transport Networks
	Connection point	E: 554410 N: 175607



Materials	Description	Key for Mains & Service Pipework	
DI	Ductile Iron Main		Existing LP mains or services operating up to 75 millibar gauge
CI	Cast Iron Main		Proposed LP mains or services operating up to 75 millibar gauge
ST	Steel main or service		Existing MP mains or services operating between 75 millibar and 2 bar gauge
MDPE (17.6)	Medium Density Polyethylene (SDR Rating) main or service		Proposed MP mains or services operating between 75 millibar and 2 bar gauge
HDPE (11)	High Density Polyethylene (SDR Rating) main or service		Existing IP mains or services operating between 2 bar and 7 bar gauge
			Proposed IP mains or services operating between 2 bar and 7 bar gauge
Size	Description		
12"	Metallic main or service - Imperial (nominal bore)*		
150mm	Metallic main or service - Metric (nominal bore)		
3"	Polyethylene main or service - Imperial (nominal bore)		
90	Polyethylene main or service - Metric (outsidediameter)		
* note - for Steel 18" denotes the pipe size where the designation changes from nominal bore to outside diameter			
Pressure	Description		
LP	Low Pressure - up to 75 millibar gauge		
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	Change in diameter nominal bore		
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	Pressure Regulator		
	Cap End		
	Pressure / Purge point		
	Depth of Cover main or service		
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ESP Utilities
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Drawn by	Scale:	Date created:				
RM	1:500	01/05/18				
DRAWING TITLE						
Dunlop Close, Joyce Green Lane Phase 2 DA1 5JL						
Drawing No	B9649672	REV: A				
Issue Number:	SHEET: 1 of 1	Printed: 				
Pipe Lengths (mms)						
63mm	90mm	125mm	180mm	250mm	315mm	355mm
LP	145	50				
IP						
REV		DETAILS OF REVISION		Date		
A		First Issue		01/05/18		



ESP Utilities
Bluebird House
Mole Buisness Park
Leatherhead
SURREY
KT22 7BA
Tel: 01372 587500

ES PIPELINES

Drawn by	Scale:	Date created:
RM	1:500	01/05/18
DRAWING TITLE		
Dunlop Close, Joyce Green Lane Phase 2 DA1 5JL		
Drawing No	B9649672	REV: A
Issue Number:	SHEET: 1 of 1	Printed: 
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IP		
REV	DETAILS OF REVISION	Date
A	First Issue	01/05/18

D	1 x STREET LIGHT ADDED [VO#003]	24-07-19	CT
C	1 FEEDER PILLAR ADDED	13-03-17	SE
B	LV MAIN DUCTED	09-06-16	SC
A	FOR APPROVAL	12-05-16	SC
REV	REVISION NOTES	DATE	ENG.



WARNING
ALL EXCAVATION SHOULD BE DONE BY TAKING THE APPROPRIATE SAFETY PRECAUTIONS IN THE "HEALTH & SAFETY EXECUTIVE GUIDE" (HSE947)
"AVOIDING DANGER FROM UNDERGROUND SERVICES" TAKING COGNIZANCE OF THE FACT THAT OTHER PLANT MAY BE IN THE VICINITY WHICH IS NOT SHOWN ON THE PLANS.

"SERVICE ROUTES"
ALL SERVICE ROUTES ARE INDICATIVE ONLY AND MUST BE CONFIRMED ON SITE BY THE INSTALLATION CONTRACTORS REPRESENTATIVE. IT IS THE RESPONSIBILITY OF THE CUSTOMER TO ENSURE THAT ALL SERVICE ROUTES ARE WITHIN THE DEMISE OF THE PROPERTY BEING SUPPLIED AND THE EXACT LOCATION OF DUCTS ARE CLEARLY IDENTIFIED.

****Planning Drawing Only****
Obtain up-to-date utility records from asset owner before commencing work.

The details supplied on this drawing are intended to be used for information only and are not representative of any binding or contractual agreement between R & D Network Design and any other parties involved. The positions of existing mains is given for guidance only and, as such, no liability can be accepted by R & D Network Design Ltd for any damage caused to, nor any injury sustained, as a result of interference with such apparatus. Before any on-site works commence an up to date copy of the relevant utilities' records must be obtained.

DRAWING KEY

SOLID LINE - EXISTING CABLING, COLOUR DEFINES VOLTAGE RATING	VARIABLES	VARIES
DASHED LINE - PROPOSED CABLING, COLOUR DEFINES VOLTAGE RATING	VARIABLES	VARIES
PROPOSED 11kV MAIN CABLING.	RED	---
PROPOSED 6.6kV MAINS CABLING.		
PROPOSED LV MAINS CABLING.	BLUE	---
PROPOSED LV SERVICE CABLING.	PURPLE	---
PROPOSED CABLE DUCT.		=====
PROPOSED EARTHING CABLE.		-----
PROPOSED EARTHING ROD (S)		⎓
BREECH JOINT, STRAIGHT JOINT, BOTTLE END & SERVICE JOINT COLOUR DEFINES VOLTAGE RATING		● ● ● ●
PHASE ALLOCATION.		L1 L2 L3
METER POSITIONS.		(M)
UKPN LINK BOX		□
STREET LIGHTING COLUMN		⊕

Design supplied for and on behalf of:

TriConnex
4 Tandown Way
Braintree
Essex
CM7 2JL
01376 332680



R & D Network Design Ltd Blue Pit Mill Queensway Rochdale OL11 2YW			
Client	TriConnex	Client Ref	X284
Site Address	Joyce Green Lane, Dunlop Close, Central Road, Dartford, DA1 5JL		
Title	Site Plan with Cable Routes		
Drawn By	SC	Date	12/05/2016
Checked By	DK	Date	12/05/2016
Approved By	WG (TRICONNEX)	Date	02/06/2016
Scale	VARIES @ A2		
Revision	D		
Drawing No	7734-1/SP/01		



UKPN DIVERSIONS - POC 1
REF - 8200004859
APPROXIMATE NAT GRID REF: TQ543756
1x LV STRAIGHT JOINT 3c-300mm² W/F
ONTO EXISTING UKPN LV MAIN BY UKPN.

FEEDER PILLAR FOR
PRIVATE STREET LIGHTING
100A CUT-OUT (SP&N)
1c-35mm² CNE CABLE
FUSE: 100A
LOAD: 1kVA

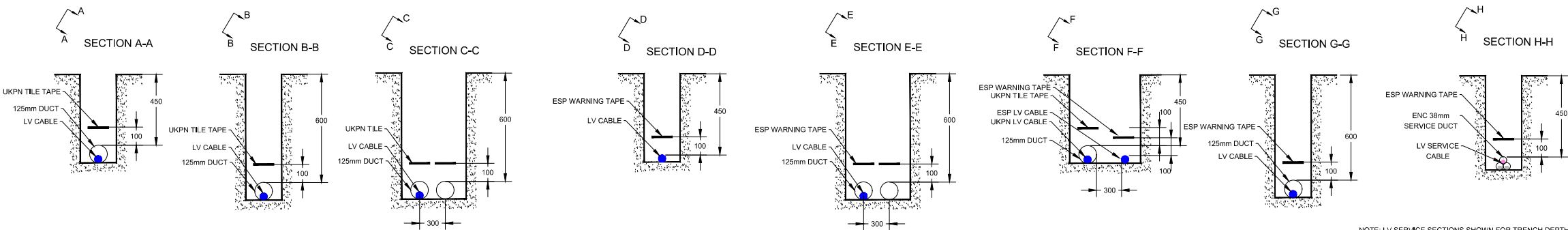
UKPN DIVERSIONS - POC 2
REF - 8200004859
APPROXIMATE NAT GRID REF: TQ543756
1 x LV STRAIGHT JOINT 3c-300mm² W/F
ONTO EXISTING UKPN LV MAIN BY UKPN.

UKPN LV POC
REF - 8200007860
APPROXIMATE NAT GRID REF: TQ543756
LOAD - 28.8kVA
1 x LV BREACH JOINT 3c-300mm² W/F
ONTO UKPN LV 185 Wv MAIN BY UKPN.

UKPN/ESP INTERFACE POINT
GRID REF - TQ543756
2 WAY LINK BOX
FUSED AT 160AMP. LOAD - 28.8kVA
EARTHED ON UKPN SIDE
3c-300mm² W/F TO 3c-95mm² W/F

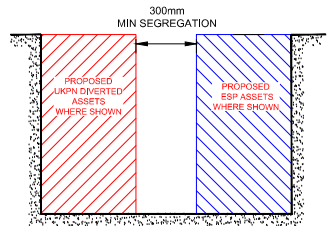
WARNING
TREAT ALL CABLES AS LIVE

DANGER
HIGH VOLTAGE CABLES PRESENT
EXPOSE ALL CABLES BEFORE JOINTING



NOTE: LV SERVICE SECTIONS SHOWN FOR TRENCH DEPTH AND DUCT SIZE ONLY.
PLEASE REFER TO SITE PLAN FOR NUMBER OF SERVICES LOCATED IN EACH TRENCH

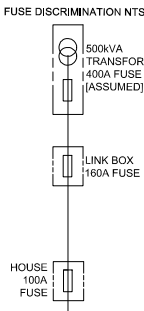
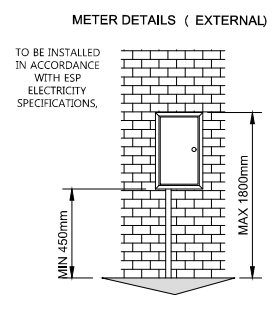
SEGREGATION OF DNO & IDNO ASSETS

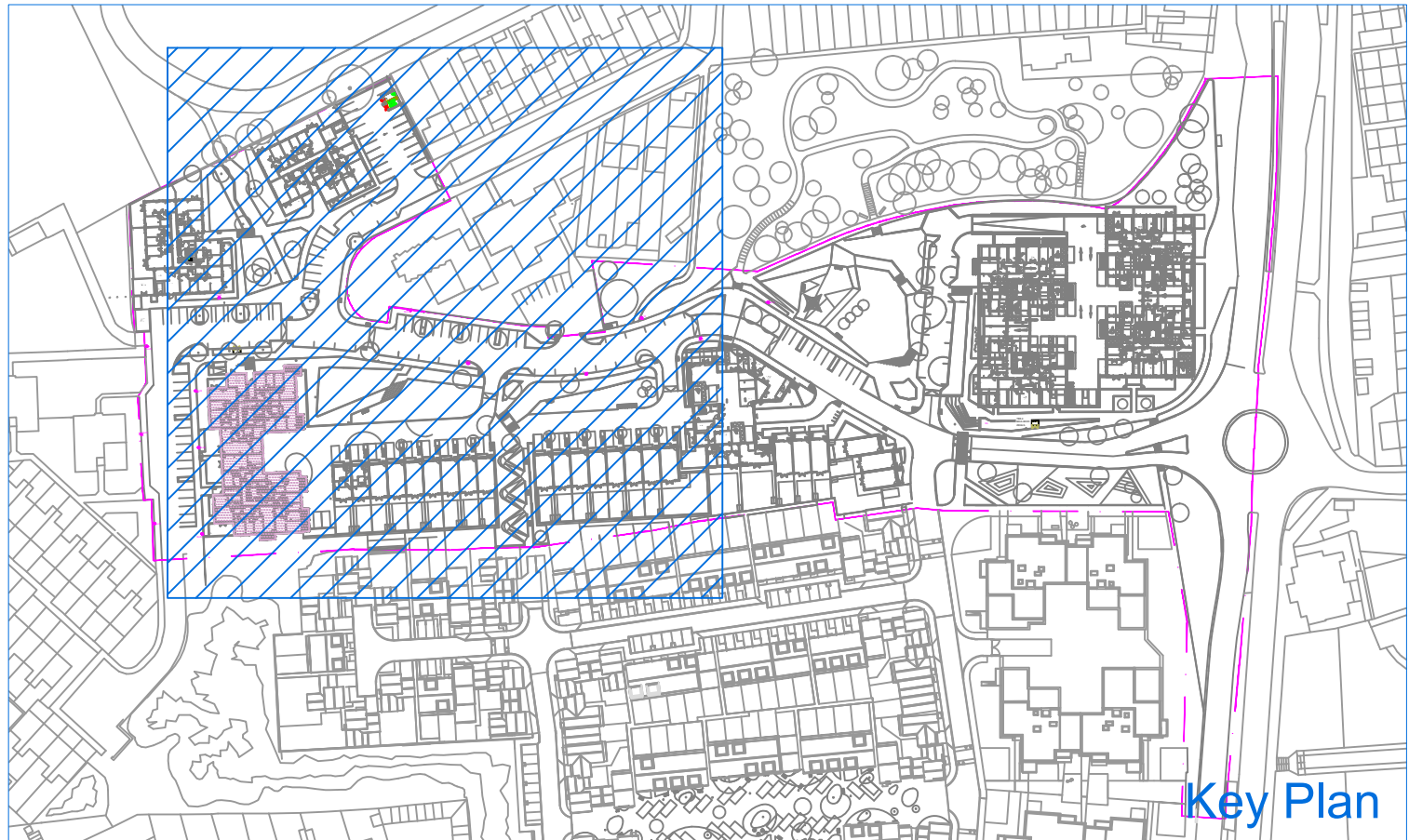


ALL SINGLE PHASE SERVICES:
- DOMESTIC SERVICE CABLES ARE 1c-30mm² ONE
- STREET LIGHT SERVICE CABLES ARE 1c-30mm² ONE
- INDIVIDUALLY LAD IN 30mm SERVICE DUCTING
- ALL SERVICE CABLES LAD IN SHARED 150mm
DUCTING AT ROAD CROSSINGS ONLY
- CONTRACTOR TO INSTALL CABLE MARKER TAPE.

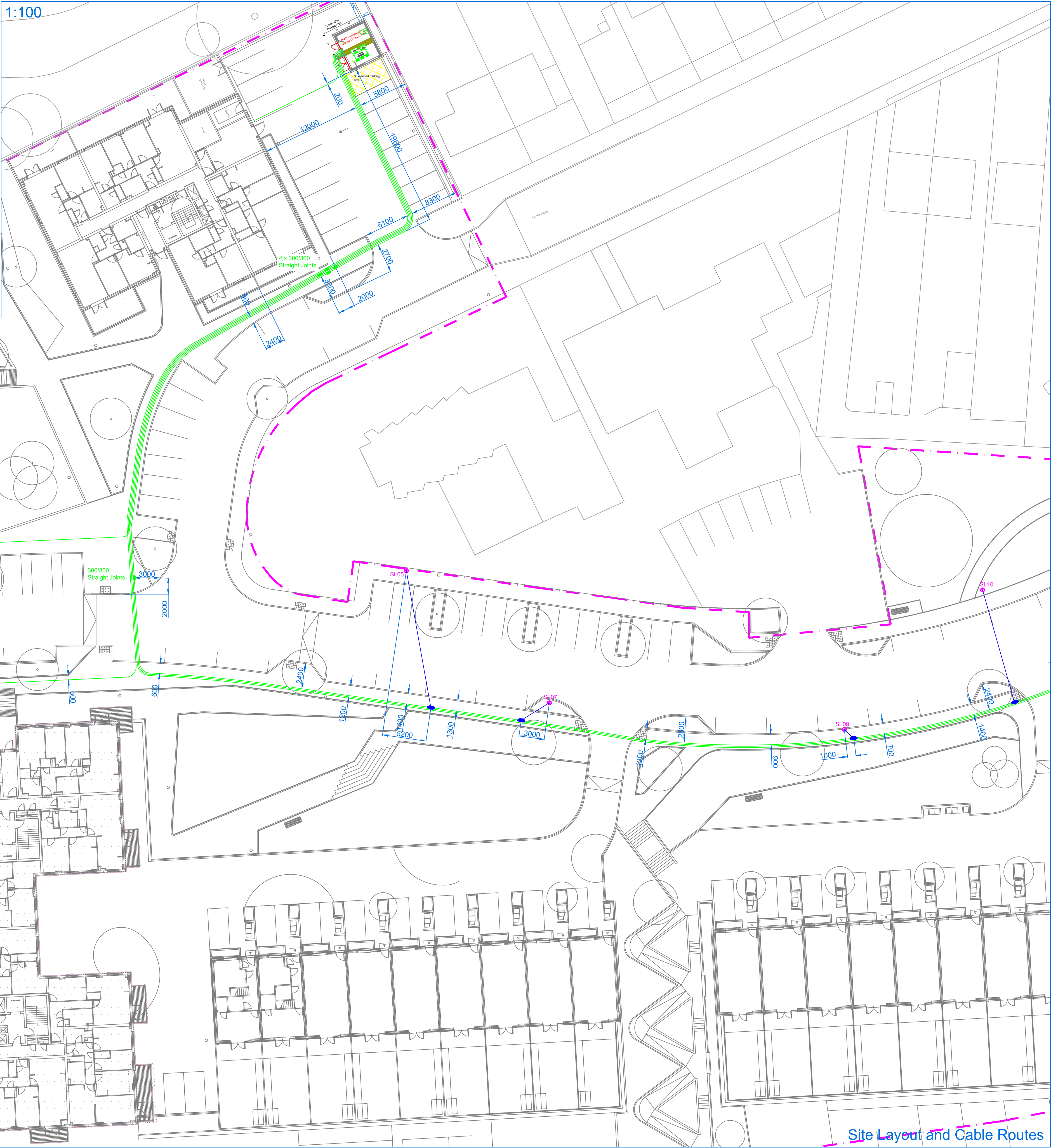
MAINS CABLE DUCTING:
- SHALL BE TO ENITS 12-24. EMBROSSED "ELECTRICAL
CABLE DUCT" ON BOTH SIDES
- 1 x "SPARE" CABLE DUCT SHOULD BE INSTALLED AT
ROAD CROSSINGS
- SIZES GIVEN ON DRAWING REFER TO INTERNAL
DIAMETER

BACKFILL:
THE BACKFILL AROUND THE CABLES SHALL BE FREE
OF SHARP EDGED STONES AND RUBBLE. DUCTS TO
BE RECORDED IN 150mm SOFT SAND & TYPE 1 STONE UP
TO BASE COURSE IN ACCORDANCE WITH THE DNO
O&M AND INSDA REQUIREMENTS.





Site Address: Larner Road - Phase 2
Erith Park
London. DA8 3RH



Legend	
	Existing HV Cable
	New HV Cable
	HV Point of Connection
	Site Boundary
	iDNO Equipment
	Earthing

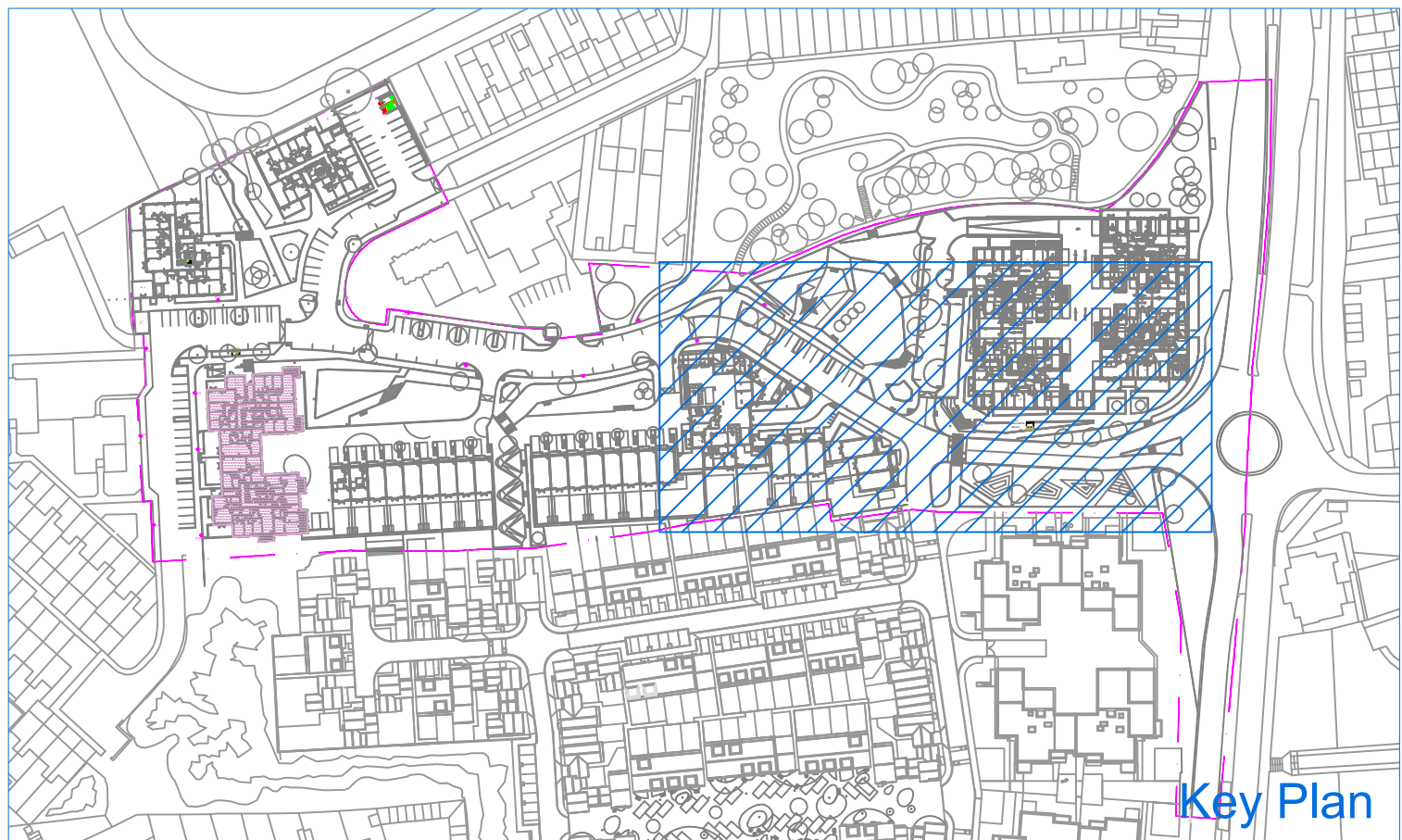
For Project Scope and Material
Specifications, please refer to
UKP3157 - DNO Project
Information Document

REV	AMENDMENT	DATE	BY
3	Mains cable & breach joint/pot end to block J	09/10/17	CH
2	Street light energisation and cable route laid and dimensioned	30/08/17	GJ
1	Design Approved	21/09/16	GJ

UKPS
UK POWER SOLUTIONS
The Utility Connection Company

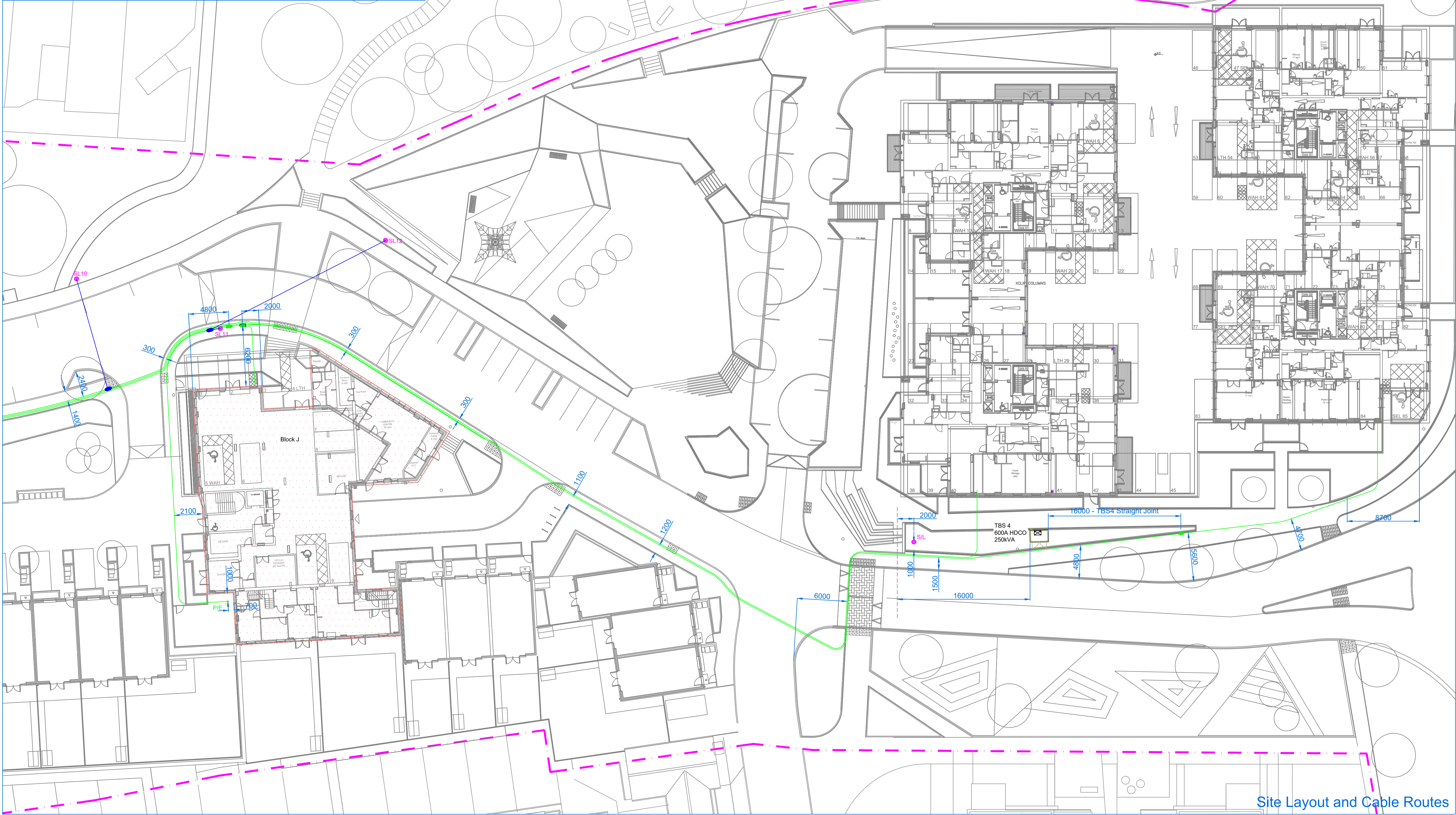
River View House
Bonds Mill Estate
Stonehouse
Gloucestershire
GL10 3RF

Client	Wates		
Project	Larner Road - Phase 2		
Title	LV As Laid Plan		
Planning Engineer	George Mann	Contact No.	08452 577 105
Project Manager	Gareth Coulter	Contact No.	08452 577 105
Drawn By	CH	Checked By	--
Scale	As Shown	Sheet No.	1/2
Drawing No.	UKP3157 - DWG901		Rev
Drawing Status	For Information Only		3



Site Address: Larner Road - Phase 2
Erith Park
London. DA8 3RH

1:100



Site Layout and Cable Routes

Legend

	Existing HV Cable
	New HV Cable
	HV Point of Connection
	Site Boundary
	iDNO Equipment
	Earthing

For Project Scope and Material
Specifications, please refer to
UKP3157 - DNO Project
Information Document

3	Mains cable & breach joint/pot end to block J	09/10/17	CH
2	Street light energisation and cable route laid and dimensioned	30/08/17	GJ
1	Design Approved	21/09/16	GJ
REV	AMENDMENT	DATE	BY

UKPS
UK POWER SOLUTIONS
The Utility Connection Company

River View House
Bonds Mill Estate
Stonehouse
Gloucestershire
GL10 3RF

Client Wates			
Project Larner Road - Phase 2			
Title LV As Laid Plan			
Planning Engineer George Mann	Contact No. 08452 577 105		
Project Manager Gareth Coulter	Contact No. 08452 577 105		
Drawn By CH	Checked By --	Date 15.08.2017	
Scale As Shown	Sheet No. 2/2	Original Size A1	
Drawing No. UKP3157 - DWG901			Rev 3
Drawing Status For Information Only			

3. Jenni White on behalf of Greenwich Bexley Environment Alliance

From: [REDACTED]
To: [Riverside Energy Park; "EVENNETT, David"](#)
Cc: [Councillor Putson, Dave](#); [Stefano Borella](#),
Subject: Application by Cory Riverside Energy - further evidence submission
Date: 07 January 2020 23:24:32
Attachments: [Air Pollution around the Borough of Bexley.docx](#)

Updated information - pollution sources in Bexley

Dear sir,

I would like to draw the attention of the Inspector to new studies released in 2019, concerning sources of pollution from road traffic and incinerator emissions, in relation to the Cory REP application at Norman Road in Belvedere.

I feel that as an objector [REDACTED] rather than in any adjacent borough, I am severely hampered by the lack of air quality monitoring statistics locally. Recent studies show that there are major concerns in and around major traffic routes and from incinerators regardless of individual location.

It would appear that the whole of London is already suffering from poor air quality (*Mayor of London*;) so it seems unreasonable to expose local residents to more hazards by the approval of a second incinerator in Bexley.

Thank you for your time,

Jenni White

For Greenwich Bexley Environment Alliance

Further information sources -

Air Pollution around the Borough of Bexley.

The London Borough of Bexley does not appear to have an Air Quality Management Plan. (None located within the national data file uk-aqma-October-2019-final-v2.)

There are very few pollution monitoring sites in the borough. However the adjoining boroughs have clear evidence of Air pollution existing. The borough is also directly opposite the Thames Water treatment works at Becton with likely pollutants on the prevailing winds.

1.

Bexley has an RRP incineration facility operating, with some attendant vehicle traffic. It has been stated there is already overcapacity in the Incinerator industry. The Edmonton site is currently in planning for re-commissioning, yet a new large scale REP is proposed at the existing Norman Way Belvedere site, off the A206. Should the operators Cory secure supply business for the new facility, from outlying areas bordering London, there is a strong likelihood that there will be a major increase in local road traffic towards the M25 and London bound A2. This area of the M25 already has the 2 slowest road junctions of any motorway in the country at 1A for the A206 and 1B for the A2. The 2 busiest arterial junctions in the Bexley borough are the roundabouts at the A2 junction and the 'Fish' roundabout A206 in Erith the nearest junction to the RRP site.

2.

The adjacent borough to the west along the A206, is Greenwich which has 11 pollution monitoring sites above guidance limits for NO₂ (One of the most polluted areas is the Woolwich 'flyover' on the A2.) The adjacent borough easterly is Dartford. This borough has monitoring sites on the major roads close to Bexley.

Dartford Borough Council - dartford.gov.uk - LAQM annual status report 2018 "Executive Summary: Air Quality in Our Area. Air Quality in Dartford

Air pollution is associated with a number of adverse health impacts. It is recognised as a contributing factor in the onset of heart disease and cancer. Additionally, air pollution particularly affects the most vulnerable in society: children and older people, and those with heart and lung conditions. There is also often a strong correlation with equalities issues, because areas with poor air quality are also often the less affluent areas^{1,2}. The annual health cost to society of the impacts of particulate matter alone in the UK is estimated to be around £16 billion³. The main source of air pollution in the borough is road traffic emissions from major roads, notably the M25, A282, A2, A226, A296 and A206. Dartford suffers from significant congestion, especially on the A282 Dartford Tunnel Approach Road, A2 Bean Interchange for Bluewater and main approach roads into Dartford town centre. Four Air Quality Management Areas (AQMA's) have been declared along these roads where exceedances of NO₂ and PM₁₀ objectives were predicted. Other pollution sources, including commercial, industrial and domestic sources, also make a contribution to background pollution concentrations. Dartford Borough Council has maintained a large network of air quality monitoring across the Borough. Much of the

*monitoring is carried out within the existing AQMAs". "The primary source of pollution in Dartford is derived from vehicles. Much of the traffic on Dartford local roads is overspill traffic from the major trunk roads and incidents occurring on these roads cause major traffic gridlock on many of Dartford's local roads. **Frequent incidents occur at the Dartford River Crossing that have significant impacts on the local road network.**"*

3.

Research carried out in 2019 at Heathrow airport - (Heathrow Airport Study by Kings College, published in Environment International. Summary reported in Evening News Friday 3rd Jan 2020. Pg 12) - has found that

"Traffic emissions remain the biggest source of ultrafine particles. At airports they occur when planes are taxiing into position, flying low and especially when taking off. While there are EU restrictions on PM 2.5 vehicle emissions, the same controls do not exist for aircraft." " Airport emissions even if located at the outskirts of the city, can reach populations in urban areas. Results from monitoring stations at North Kensington and Marylebone Rd, (about 14 miles from the airport;) were used to estimate levels of the particles in the air. Highest level when blown in from the airport on a westerly wind."

Bexley is only about 5 miles from the London City airport. (This airport is currently applying to extend its operating hours and capacity.) The REP is also around 5 miles from the Woolwich Army barracks, where larger service helicopters are in use. This is a further source of ultra fine particle pollution existing in the borough.

4.

A study was also carried out by Thames21 and Middlesex University looking at pollutants in run off of road water into local rivers in Outer London.. <https://www.london.gov.uk/press-releases/mayoral/study-shows-road-pollution-is-polluting-rivers>. This gives some specific road side testing levels on the A206 in Greenwich and Bexley areas near to the incinerator site. Chemicals and metals identified include Zinc Copper and Cadmium. There may be further contamination caused by the blending of these elements together.

5.

New incinerator pollution report released 9/12/19 by the Particulate Research Group reported by UKWIN, highlights health dangers posed by waste incinerators. The report, entitled 'Particulates Matter: Are emissions from incinerators safe to breathe?' – available at: ukwin.org.uk/particulates . Vyvyan Howard, Emeritus Professor of Nano Systems Biology at the Centre for Molecular Bioscience, University of Ulster, explained: *"A large proportion of the particles passing through the filters are Ultra Fine Particles (UFPs). Epidemiological studies worldwide have consistently demonstrated links between ambient particulate matter exposure and adverse health outcomes, including increased rates of respiratory and cardiovascular illness, hospitalizations, and premature mortality. Studies have shown that ultrafine particles are more toxic than larger particles."*

4. Jenni White on behalf of Greenwich Bexley Environment Alliance

From: [REDACTED]
To: [Riverside Energy Park](#)
Cc: [REDACTED]
Subject: Attn - Liam Re :- Aniti incinerator petition - Riverside Energy Park.
Date: 19 March 2020 21:50:41
Attachments: [Scans 19_03_20.zip](#)
[petition_signatures_Cory as at 19 Mar 20.pdf](#)

Dear Liam,

I spoke to you recently about the petition signatures we have collected against the proposed Cory site at Belvedere.

I understand you will consider data protection when forwarding these on to a public enquiry archive.

As I am not up to date with file formats , there may be some adjustments you require to the attachments that I have provided above.

I have collated the total petition information to date.as 1,470 names -
There are 18 scanned sheets of a hand written petition totalling 306 signatures.
(This appears to be a large file.)

Separately the 'Change.org' web based petition details are a pdf provided by the web site as 1,174 signatures,
as of 19th March 2020.

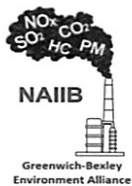
Please let me know if there is anything else that you may need in relation to this petition.

Thank you for your time,

Jenni White

For Greenwich Bexley Environment Alliance
[REDACTED]

115



STOP THE BUILDING OF A SECOND INCINERATOR IN BEXLEY

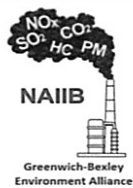
We the undersigned call upon the Secretary of State for Energy, Business and Industrial Strategy not to grant planning permission for Cory PLC to construct a second incinerator in Bexley.

Organised by the GREENWICH-BEXLEY ENVIRONMENT ALLIANCE

FIRST NAME	SECOND NAME	POST CODE	EMAIL ADDRESS or SIGNATURE

115

20



STOP THE BUILDING OF A SECOND INCINERATOR IN BEXLEY

We the undersigned call upon the Secretary of State for Energy, Business and Industrial Strategy not to grant planning permission for Cory PLC to construct a second incinerator in Bexley.

Organised by the GREENWICH-BEXLEY ENVIRONMENT ALLIANCE

FIRST NAME	SECOND NAME	POST CODE	EMAIL ADDRESS or SIGNATURE
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STOP THE BUILDING OF A SECOND INCINERATOR IN BEXLEY

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Organised by the GREENWICH-BEXLEY ENVIRONMENT ALLIANCE

POST NAME	SECOND NAME	POST CODE	ADDRESS or SIGNATURE

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FIRST NAME	SECOND NAME	POST CODE	EMAIL ADDRESS or SIGNATURE

We the undersigned call upon the Secretary of State for Energy, Business and Industrial Strategy not to grant planning permission for Cory PLC to construct a second incinerator in Bexley.

Organised by the GREENWICH-BEXLEY ENVIRONMENT ALLIANCE

[illegible]

(10)

PETITION. STOP THE SECOND
INCINERATOR IN BELVEDERE.

FIRST NAME

SECOND NAME

EMAIL ADDRESS

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WITNESS

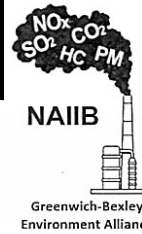
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(15)

u

DA176AA

19th July 2019 - SEIA/ARPA - Tackling Group - meeting
(Witnessed by [REDACTED])



12

NOT ANOTHER INCINERATOR IN BELVEDERE

We the undersigned, call upon the Secretary of State for Business, Energy and Industrial Strategy to REFUSE consent for a 'Riverside Energy Park' by Cory at their Belvedere site

Name

Signature

Post code

[REDACTED]

Sunday 21st July



26



Greenwich-Bexley
Environment Alliance

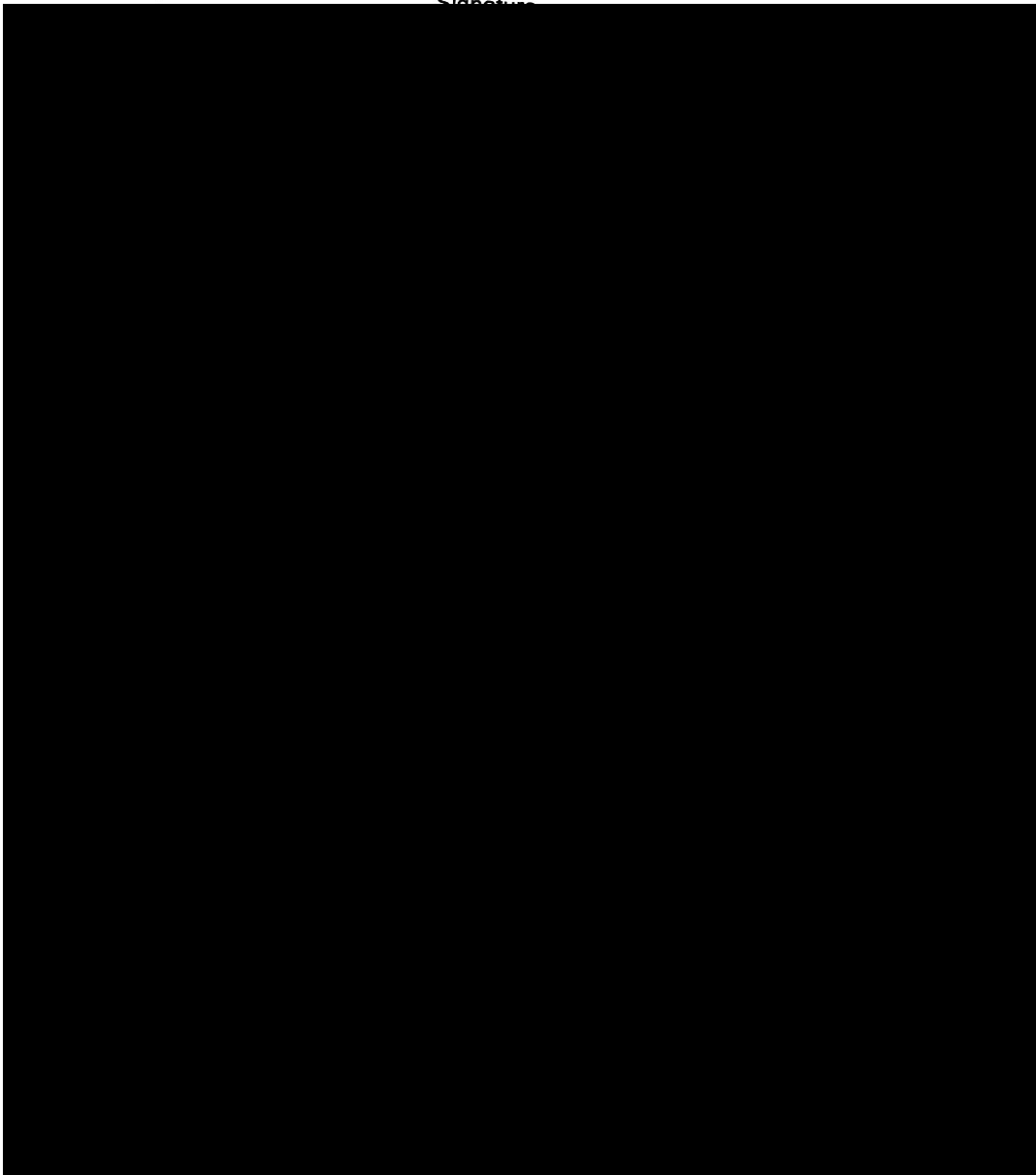
NOT ANOTHER INCINERATOR IN BELVEDERE

(26 signed)

We the undersigned, call upon the Secretary of State for Business, Energy and Industrial Strategy to REFUSE consent for a 'Riverside Energy Park' by Cory at their Belvedere site

Name

Signature



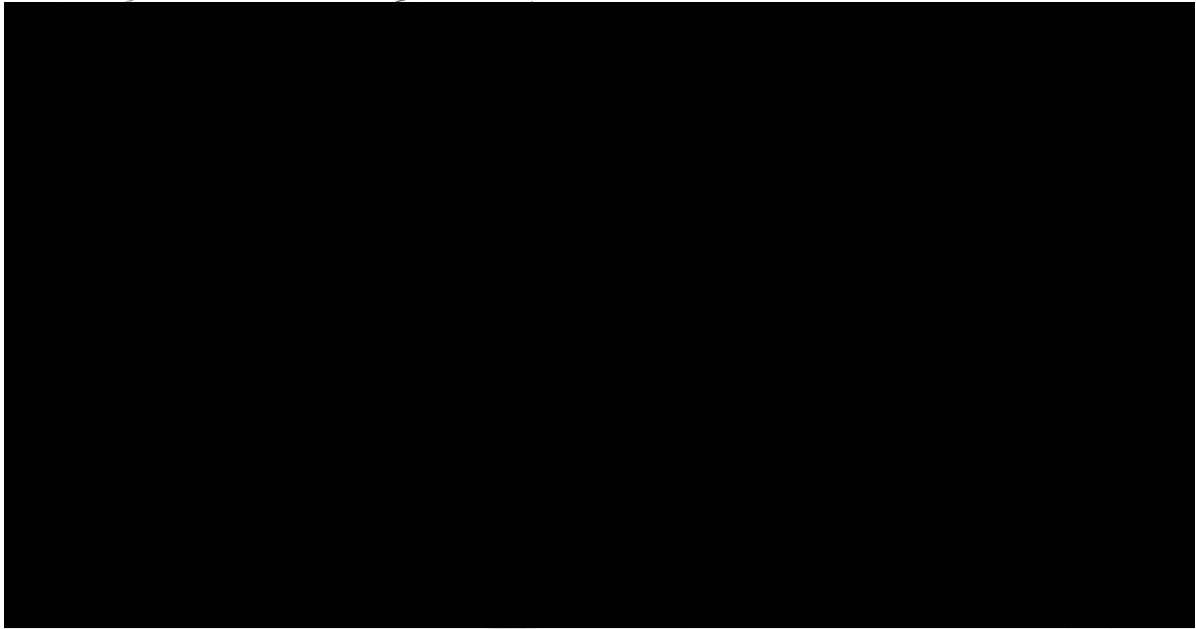
Sunday 21st July
2019



NAME

SIGNATURE

POST CODE



26





NOT ANOTHER INCINERATOR IN BEXLEY

[Redacted]

...signs, can open the Secretary of State for Business, Energy and Industrial
Strategy to REFUSE consent for a 'Riverside Energy Park' by Cory at their Belvedere site

Name

Signature

[Redacted]



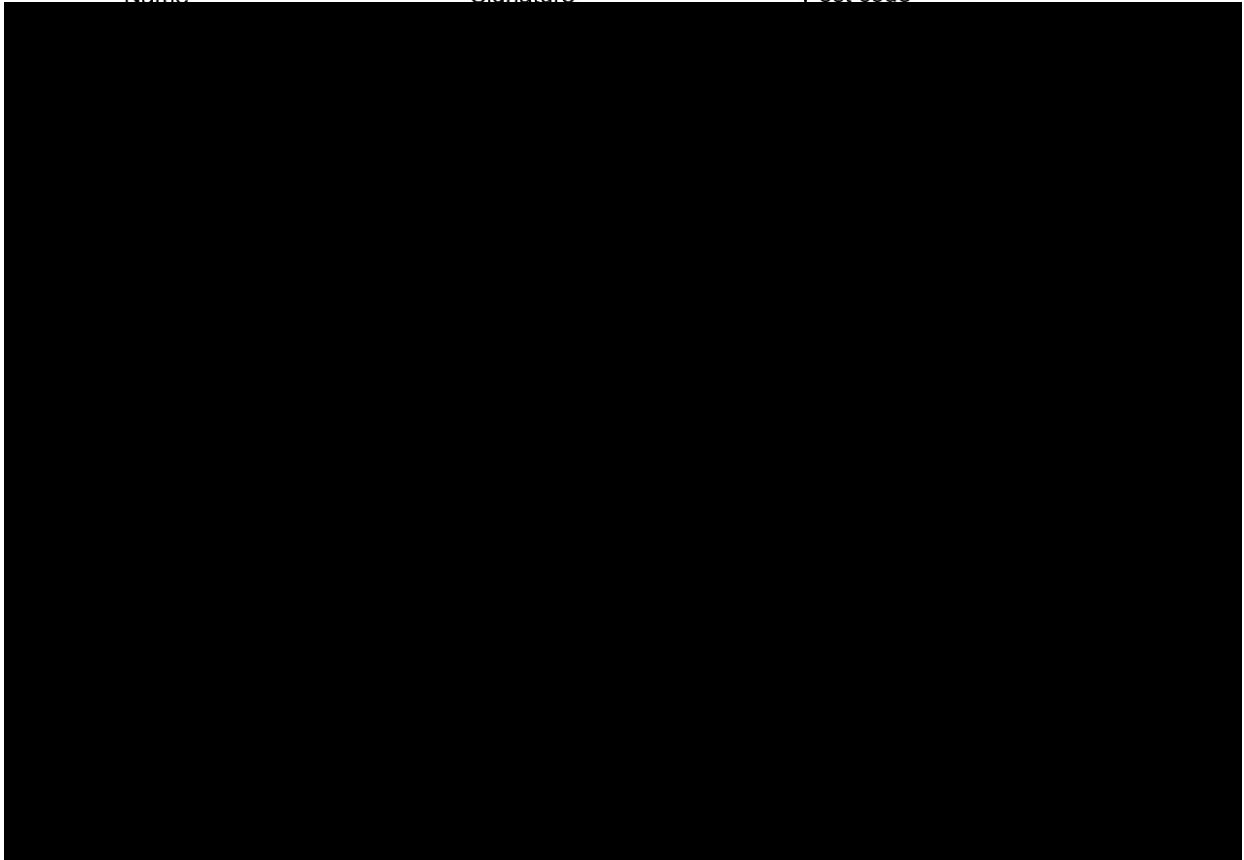
NOT ANOTHER INCINERATOR IN BELVEDERE

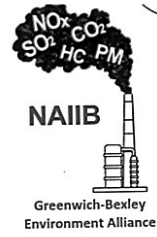
We the undersigned, call upon the Secretary of State for Business, Energy and Industrial Strategy to REFUSE consent for a 'Riverside Energy Park' by Cory at their Belvedere site

Name

Signature

Post code





NOT ANOTHER INCINERATOR IN BELVEDERE

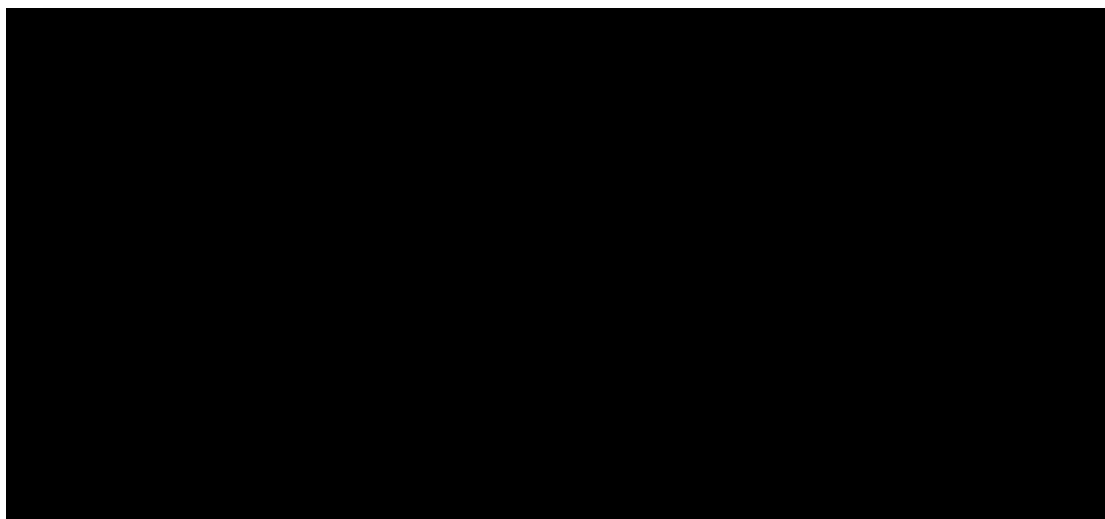
We the undersigned, call upon the Secretary of State for Business, Energy and Industrial Strategy to REFUSE consent for a 'Riverside Energy Park' by Cory at their Belvedere site

Name

Signature

Post code

P.T.O.

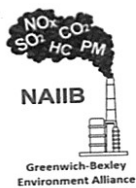




STOP THE BUILDING OF A SECOND INCINERATOR IN BEXLEY
We the undersigned call upon the Secretary of State for Energy, Business and Industrial Strategy not to grant planning permission for Cory PLC to construct a second incinerator in Bexley.

Organised by the GREENWICH-BEXLEY ENVIRONMENT ALLIANCE

FIRST NAME	SECOND NAME	POST CODE	EMAIL ADDRESS or SIGNATURE



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Organised by the GREENWICH-BEXLEY ENVIRONMENT ALLIANCE

FIRST NAME	SECOND NAME	POST CODE	EMAIL ADDRESS or SIGNATURE
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[Redacted area containing names and signatures]

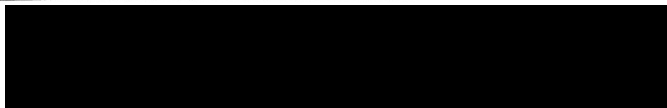


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FIRST NAME	SECOND NAME	POST CODE	EMAIL ADDRESS or SIGNATURE
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(8+2)



STOP THE BUILDING OF A SECOND INCINERATOR IN BEXLEY
We the undersigned call upon the Secretary of State for Energy, Business and Industrial Strategy not to grant planning permission for Cory PLC to construct a second incinerator in Bexley.

Organised by the GREENWICH-BEXLEY ENVIRONMENT ALLIANCE

FIRST NAME	SECOND NAME	POST CODE	EMAIL ADDRESS or SIGNATURE



**HELP US STOP THE BUILDING OF
A SECOND INCINERATOR IN BELVEDERE
PLEASE SIGN OUR PETITION**

FIRST NAME	SECOND NAME	POST CODE	EMAIL ADDRESS



change.org

Recipient: Secretary of State for Business, Energy and Industrial Strategy

Letter: Greetings,

NOT ANOTHER INCINERATOR IN BEXLEY

Signatures

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Name	Location	Date
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[illegible]

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[illegible]

Name	Location	Date
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Name	Location	Date
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[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Name	Location	Date
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[illegible]

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Name	Location	Date
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Name	Location	Date
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Name	Location	Date
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[illegible]

[illegible]

Name	Location	Date
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Name	Location	Date
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Name	Location	Date
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