Property	MPRN	Pressure	Coordinates	Main Size	Service Size & length	Mains Velocity/ Pressure Drop	Service Terminations	Connection Detail
Former Bell School Site	NK	LP	554205 237792	63mmPE (212m) 90mmPE (26m)	32mm Pe (217m total for 37 services)	3.7m/s 1.65mbar	37 x s/c meter boxes	Encirclement tee connection

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 GTs, 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. (See below for 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 ©

ESP GAS GROUP
ES Pipelines
HAZELDEAN
STATION ROAD
LEATHERHEAD
SURREY
KT22 7AA
Tel: 01372 227560 FAX: 01372 377996

M/P Meter/Regulator Housing - Minimum Proximity Distances

Minimum distance of meter box to any opening such as openable window, door, air brick, balanced flue, or other breach	0.18m
Minimum distance above or to the side of a meter box, to any electrical equipment such as lights, switches and power points	0.33m
Minimum distance of a relief vent tip to any opening such as openable window, door, air brick, balanced flue, or other breach	1.00m
Minimum distance of a relief vent tip to any electrical equipment such as lights, switches and power points	1.55m

Medium Pressure Services

Service Isolation valves (SIVs) and Service excess flow valves (SEFVs) should be fitted on all MP domestic services where the PID 35kscmh (69kW). All other MP services should be provided with service isolation valves.

FIGURE 1 - Recommended Positioning of Utility Apparatus in a 2 metre Footway
Taken from NJUG Publication: Volume 1: Issue 2: 02/11/2007

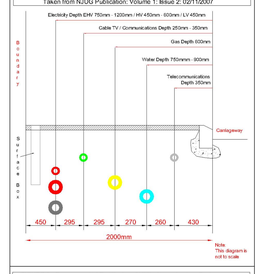
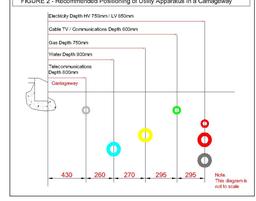


FIGURE 2 - Recommended Positioning of Utility Apparatus in a Carriageway



Gas : All domestic and non domestic services are to be a minimum of 32mm diameter

METER ROOM(S)
INDIVIDUAL METERS OR METERS TO BE LOCATED ON MANIFOLD(S) IN PURPOSE BUILT GROUND FLOOR/BASEMENT METER ROOM(S) MUST HAVE SECURE, PERMANENTLY VENTILATED DOOR(S) OPENING DIRECTLY TO THE OUTSIDE, OR INTO PERMANENTLY VENTILATED BASEMENT GARAGE AREA

METER ROOM VENTILATION
EFFECTIVE VENTILATION AREA TO BE NOT LESS THAN 2% OF THE FLOOR AREA OF ROOM (OR OF ITS NOTIONAL EQUIVALENT) OR 5% WHERE VENTILATION IS PROVIDED IN ONE WALL ONLY. ROOM TO BE SEALED FROM REST OF INTERIOR OF BUILDING

IF IN DOUBT PLEASE SEEK ADVICE.

Depth of Cover - Mains & Services	
Main (fields)	1.1m
Main (road & verge)	0.75m
Main (footpath)	0.6m
Service (road & verge)	0.45m
Service (footpath)	0.45m
Service (private land)	0.375m
Depths are for proposed and aslaid mains and services unless shown otherwise on drawing	

Gas Ducts	
Gas Pipe Outside Diameter	Duct Inside Diameter
20, 25 and 32mm	50mm
63mm	100mm
90mm	150mm
125mm and 180mm	225mm
250mm	350mm
315mm	450mm

Revision	Date	Details
1	04/10/11	Original Drawing

LEGEND

Gas
- High Pressure Existing
- Intermediate Pressure Existing
- Medium Pressure Existing
- Low Pressure Existing
- High Pressure Proposed
- Intermediate Pressure Proposed
- Medium Pressure Proposed
- Low Pressure Proposed
- Service Proposed
- Duct
- Reducer
- Valve
- Governor

Gas Network Design Drawing

GasDesign Ref: B9646102
Date: 04/10/11 Version 1

Gas network design by: Steve Richards LEng, MIGEM
GasDesign, 20 Broad Street, Whittlesey, Peterborough, PE7 1HA
www.gasdesignuk.com Tel. 01733 202914
GIRS Reg. No.: IUP 200501/05/20/0031F

Minimum Proximity to Properties - Pe Mains

O.D. (mm)	Material Pe grade	MOP ≤ 75 mbar	> 75 mbar ≤ 2 bar	> 2 bar ≤ 4 bar
		Minimum Proximity (m)		
≤ 140	Pe 80 SDR 26	0.25	3	
	Pe 80 SDR 17.6	0.25	3	
	Pe 80 SDR 11	0.25	3	5
	Pe 80 SDR 26		3	
150 to 250	Pe 80 SDR 17.6	1	3	
	Pe 80 SDR 11	1	3	5
	Pe 80 SDR 26	1	3	
315	Pe 80 SDR 17.6	1	3	
	Pe 80 SDR 11	1	3	5

The information shown on this plan is given without obligation or warranty. The accuracy thereof cannot be guaranteed. Where service pipes are shown their position is approximate. No liability of any kind whatsoever is accepted by the company, its agents or servants for any error or omission. The actual position of mains and services must be verified and established on site before any excavations are carried out or any mechanical plant used. For details of all existing apparatus, please consult the records department of the host utility. Any existing apparatus shown on this drawing is for planning purposes only, the positions of which are to be taken as approximate only.

All pipe fittings used on this design are to be in accordance with PL2/E L2/E and F7/E

Site: Former Bell Language School, Peasland Road, Saffron Walden, Essex CB11

Gas

Client ref: TK48939 | ESP No. ESN012184

Ref: B9646102 | Date: 04/10/11 | Scale: 1:250@A1 | Drawn By: JAR