



KEY LEGEND - PROPOSED

LIP Gas Main

MP Gas Main

IP Gas Main

HP Gas Main

NH/P GAS MAIN

Proposed Pipe-LP

Proposed Pipe - MP

Proposed Pipe - IP

Proposed Carrier - LP/MP/IP

Proposed Abandon - LP

Proposed Abandon - MP

Governor

Valve

Syphon

Change Point-Method/Dia

CapEnd

Depth of Cover

Contact Zone

Double Handed Area / 118

Site of Special Scientific Interest Scheduled Ancient Monument

Independent Gas Transporter Network Connection (CSEP)

Caution Symbol

Caution Electric

Hazard Code (Enduring)

Hazard Code (Non Enduring)

Large Demand Property

Work Location- Proposed

PSR/PSR PSR Priority Services Register

Trial Hole

SIGNIFICANT HAZARDS HAVE BEEN IDENTIFIED ON THE DESIGN RISK ASSESSMENT SPECIFIC TO THIS DESIGN

IN THE EVENT OF ANY REQUIRED DESIGN CHANGES CONTACT THE DESIGN OFFICE .BOX REQUESTING A DESIGN AMENDMENT

Main Pressure 1 in 20 (mbar)	Service Relay Lengths Single Service Maximum Length							
	Servflex		20mm		25mm		32mm	
	<=3scmh	>3 to 6 scmh	<=3scmh	>3 to 6 scmh	<=3scmh	>3 to 6 scmh	<=3scmh	>3 to 6 scmh
21	7m	n/a	9m	3m	27m	10m	50m	27m
22	10m	n/a	14m	4.5m	40m	16m	50m	27m
23	12m	n/a	18m	6.5m	40m	22m	50m	27m
24	12m	n/a	20m	8m	40m	27m	50m	27m
>24	12m	n/a	20m	8m	40m	27m	50m	27m

The above replacement service lengths have been based on Tables B3 and B3a from SL1 and should be used to calculate the size of individual services to ensure 19mbar is maintained at the outlet of the Emergency Control Valve.
Please note: The Operational Manager shall contact the Design Office for advice for service lengths greater than those depicted in the above table.

"We are committed to ensuring the Safety of Our People, Our Customers and the Public"

Stub Table				
Lengths of stub shown are in metres		branching pipe / stub size		
		Up to 4"	5 - 8"	19 -12"
Parent main size	Up to 4"	3		
	5 - 8"	3	6	
	9 - 12"	4	7	8
	13 - 17"	4	7	8
	18 - 24"	4	7	8
Over 24"		5	8	9

REFER TO CURRENT CONSTRUCTION STANDARDS (ML4) (SL1) (G5)

**Provisional Operating Window for 8" & above :-
N/A - N/A**

Prior to any construction the Design Team must be contacted to confirm the actual operating window

Project Ref :- **IMGA221010**

Site Address :- **AINSWORTH WAY, LONDON**

Description of works :- **MAINS REPLACEMENT**

Designer :- **HM504875**

Scale :- **1: 1,250 @A3**

Date :- **29-Oct-2021 16:45:19**

Center :- **526080.8,183826.12**



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Template designed by Adeyinka Olayanju

PRINCIPAL QUANTITIES SCHEDULE									
STREET DETAILS			EXISTING / PROPOSED ASSETS AND SERVICES						
Design ID	Street Name	Asset Type and SAP ID	Dia. (mm) (inch)	Mat.	Method	Carrier/ Inserted Pipe IDs	Length (m)	Services	
2	AINSWORTH WAY	LP Main 510912607	100mm	DI	Abandon	1	303.10	-	-
1	AINSWORTH WAY	LP Main -	75mm	PE	Insert	2	303.10	-	-
48	AINSWORTH WAY	LP Main -	75mm	PE	Opencut	-	38.01	-	-
Total Length - LAY							341.11	0	0
Total Length - ABANDON							303.10		

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