



WARNING! This area contains Gas Mains Operating at Low Pressure of between 2 and 7 bar. Before excavating in the area contact the Local Network

**KEY LEGEND - PROPOSED**

	LIP Gas Main		Contact Zone
	MP Gas Main		Double Handed Area / 118
	IP Gas Main		Site of Special Scientific Interest Scheduled Ancient Monument
	HP Gas Main		Independent Gas Transporter Network Connection (CSEP)
	N/H/P GAS MAIN		Caution Symbol
	Proposed Pipe-LP		Caution Electric
	Proposed Pipe - MP		Hazard Code (Enduring)
	Proposed Pipe - IP		Hazard Code (Non Enduring)
	Proposed Carrier - LP/MP/IP		Large Demand Property
	Proposed Abandon - LP		Work Location- Proposed
	Proposed Abandon - MP		Priority Services Register
	Governor		Trial Hole
	Valve		
	Syphon		
	Change Point-Method/Dia		
	CapEnd		
	Depth of Cover		

**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**

**Service Relay Lengths**

Main Pressure 1 in 20 (mbars)	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**

Parent main size are in metres	branching pipe / stub size			
	Up to 4"	5 - 8"	19 -12"	13 - 17"
Up to 4"	3			
5 - 8"	3	6		
9 - 12"	4	7	8	
13 - 17"	4	7	8	10
18 - 24"	4	7	8	11
Over 24"	5	8	9	12

**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 :- **IMGA221006**

Site Address :- **PARLIAMENT HILL, LONDON**

Description of works :- **MAINS REPLACEMENT**

Designer :- **JL504544**

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

Date :- **02-Sep-2020 19:33:39**

Center :- **527369.59,185725.86**



This plan is reproduced from or based on the OS map by Cadent Gas Ltd, with the sanction of the controller of HM Stationary Office.  
Crown Copyright Reserved

Template designed by Adeyinka Olanaju

**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	
								Renew	Transfer
2	PARLIAMENT HILL	LP Main 510890518	200mm	DI	Abandon	1	191.41	-	-
1	PARLIAMENT HILL	LP Main -	180mm	PE	Insert	2	191.41	-	-
Total Length - LAY							191.41	0	0
Total Length - ABANDON							191.41		

Disclaimer: This Plan shows those pipes owned by Cadent Gas Ltd in their role as a Licensed Gas Transporter (GT). Gas pipes owned by other GT's, or otherwise privately owned, may be present in this area. Information with regard to such pipes should be obtained from the relevant owners. The information shown in this plan is given without warranty, the accuracy thereof can't be guaranteed. Service pipes, valves, Siphons, stub connectors etc are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Cadent Gas Ltd or their agents, servants or their contractors for any error or omission. Safe gigning practice, in accordance with HS(G)47, must be used to verify and establish the actual position of mains, pipes, service and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date of issue.

Intellectual property: All patents, copyright and other intellectual property rights of this design will be owned by Cadent, and the customer will on substantial completion of the works deliver up to Cadent, or at Cadent's request destroy, all copies of such documents whether in the possession of the customer or a third party to whom the customer has disclosed them.