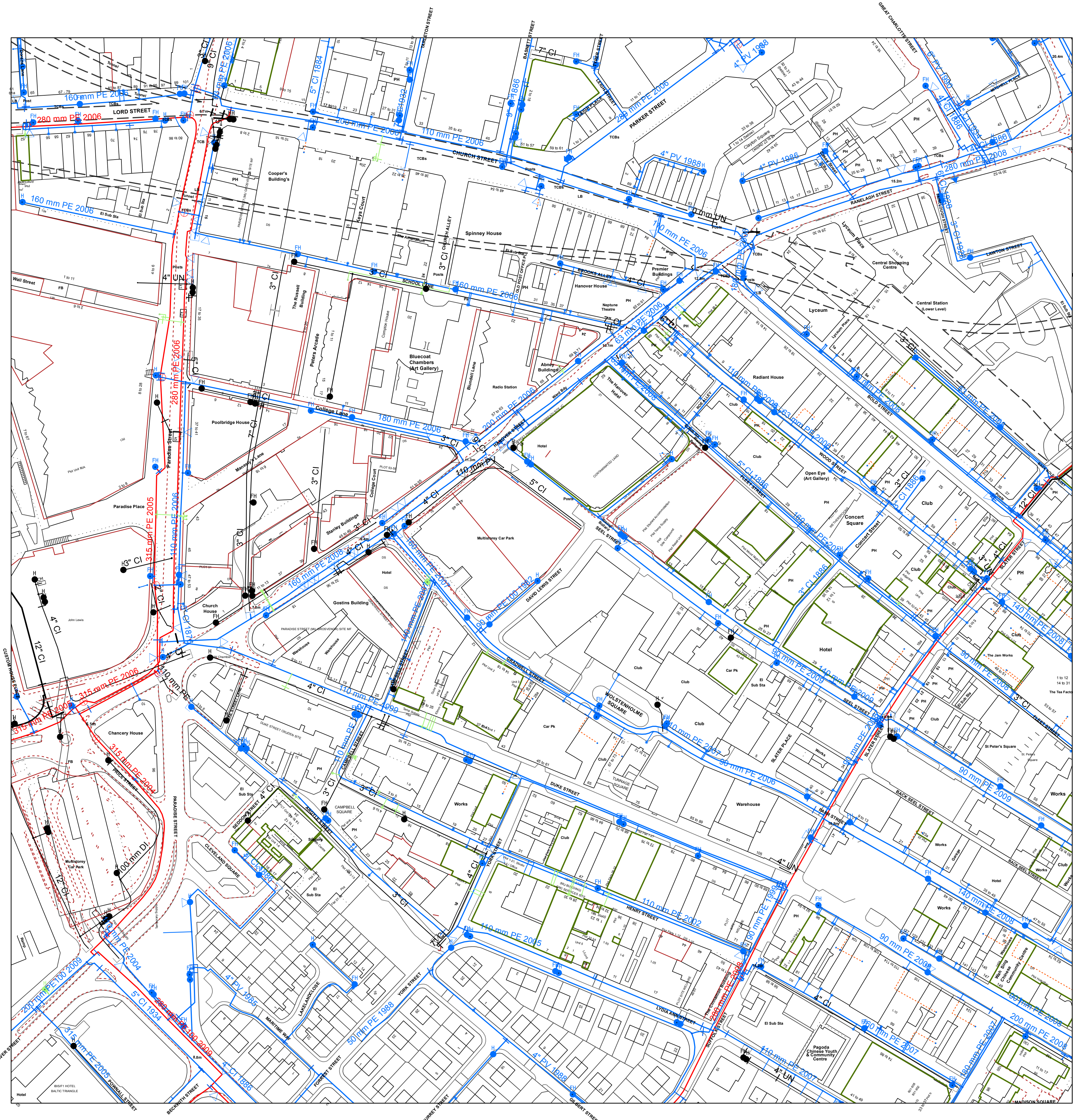




Legend

PIPE WORK

- | | | |
|------|----------|---|
| Live | Proposed | Trunk Main - PressurisedMain |
| | | Raw Water Aqueduct - PressurisedMain |
| | | Raw Water Aqueduct - GravityMain |
| | | LDTM Raw Water Distribution - PressurisedMain |
| | | LDTM Raw Water Distribution - GravityMain |
| | | LDTM Treated Water Distribution - PressurisedMain |
| | | LDTM Treated Water Distribution - GravityMain |
| | | Private Pipe - LateralLine |
| | | Distribution Main - PressurisedMain |
| | | Comms Pipe - LateralLine |
| | | Concessionary Service - LateralLine |

ABANDONED PIPE

- | | |
|--|---------------------------------|
| | Trunk Main |
| | Raw Water Aqueduct |
| | LDTM Raw Water Distribution |
| | LDTM Treated Water Distribution |
| | Private Pipe |
| | Distribution Main |
| | Comms Pipe |
| | Concessionary Service |

NODES/ FURNITURE

- | | | |
|------|----------|---------------------------|
| Live | Proposed | End Cap |
| | | CC Valve |
| | | AC Valve |
| | | Air Valve |
| | | Sluice Valve |
| | | Non Return Valve |
| | | Pressure Management Valve |
| | | Change of Char |
| | | Anode |
| | | Chlorination Point |
| | | De Chlorination Point |
| | | Bore Hole |
| | | Inlet Point |
| | | Bulk Supply Point |
| | | Fire Hydrant |
| | | Hydrant |
| | | Private Fire Hydrant |
| | | Pump |
| | | Site Termination |
| | | Service Start |
| | | Service End |
| | | Process Meter |
| | | Stop Tap |
| | | Monitor Location |
| | | Strainer Point |
| | | Access Point |
| | | Hatch Box |
| | | IP Point |
| | | Route Marker |
| | | SPT Sampling Station |
| | | LB Logger Box |

Property Types

- | | | |
|------|----------|-------------------------|
| Live | Proposed | Condition Report |
| | | Pipe Bridges |
| | | Tunnels (non carrier) |
| | | Pumping Station |
| | | Water Treatment Works |
| | | Private Treatment Works |
| | | Valve House |
| | | Water Tower |
| | | Service Reservoir |
| | | Supply Reservoir |
| | | Abstraction Point |
| | | Domestic meter |
| | | Commercial meter |
| | | Telemetry Outstation |

Material Types

- | | |
|--------------------|-----------------|
| AC ASBESTOS CEMENT | OT OTHERS |
| CI CAST IRON | PB LEAD |
| CU COPPER | PV uPVC |
| CO CONCRETE | SI SPUN IRON |
| DI DUCTILE IRON | ST STEEL |
| GI GALVANISED IRON | UN UNKNOWN |
| GR GREY IRON | PE POLYETHYLENE |

Lining Types

- | | |
|-------------------|-----------------|
| CL CEMENT LINING | ERL EPOXY RESIN |
| TB TAR OR BITUMEN | |

Insertion Types

- | | |
|-------------------------|---------------|
| DD DIE DRAWN | MO MOLING |
| DR DIRECTIONAL DRILLING | PI PIPELINE |
| | SL SLIP LINED |

The position of underground apparatus shown on this plan is approximate only and is given in accordance with the best information currently available. The actual positions may be different from those shown on the plan private service pipes may be shown by a broken blue line. United Utilities will not accept any liability for any damage caused by the actual positions being different from those shown.

United Utilities Water Limited 2014. The plan is based on the Ordnance Survey Map with the sanction of Controller of H.M. Stationery Office. Crown and Utilities copyrights are reserved. Unauthorised reproduction will infringe these copyrights.

OS Sheet No: SD5603SW

Scale: 1: 1250

Date: 19/08/2015



RchNo	Cover	Func	Invert	Size	Shape	Matl	Length	Grad	RchNo	Cover	Func	Invert	Size	Shape	Matl	Length	Grad	
1810			0	150	CI	VC	1.6		0902									
1811			0	225	CI	VC	1.43		0925									
1812			0	225	CI	VC	1.43		0105									
4511	6.53		3.08	300	CI	VC	15.55		4914									
4505	6.19		0	865	CI	VC	17.91		4916									
4912	6.2	CO							5914									
4913		SW	150		CI		5.86		5915									
4912	6.24	SW							5918									
4915		SW							5922									
4926									5924									
5901	7.34		2.91	1230	1520	EG	BR	6.87	5925									
5902	7.13								6905									
5903	6.86		0	900	CI	CO	10.23		6911									
5904	6.88		0	925	900	EG	VC	47.03	6908									
5905	7.34								6909									
5907	6.4	CO	0	225	CI	VC	28.16		7906									
5908	5.76		3	950	1000	EG	CO	16.97	7910									
5909									8909									
5910									8913									
5916									8920									
5917									8905									
5920	6.68								8906									
5923			0	675	975	CI	CO	6.69	8907									
6901	9.71		5.78	1450	975	EG	BR	89.95	8910									
6902	8.99		5.05	900	550	EG	BR	30.89	8914									
6903	8								8915									
6904	7.57		2.57	1050	900	EG	BR	9.49	9012									
6905	7.27								9013									
6906	9.54								9025									
6907	11.08		6.98	900	550	EG	BR	27.31	9026									
7801	12.28		8.51	1450	975	EG	BR	83.39	9113									
7802	12.69		8.62	900	550	EG	BR	38.42	9114									
7803	14.12		10.7	900	550	EG	BR	7.16	9115									
8801	15.47		13.48	690	430	EG	BR	17.49	9605									
8802	16.78		13.97	300	CI	VC	2		9606									
8806	16.81								9607									
8810	17.07		13.31	810	CI	BR	18.84		9608									
8811	17.06		13.53	300	CI	VC	2.24		9609									
8812	18.04								9610									
8814									9611									
9901	20.34		15.96	800	550	EG	BR	5.83	9612									
9902	19.05		15.73	300	CI	BR	8.06		9616									
9904	15.77		12.14	900	550	EG	BR	6.32	9626									
9908	19.42								9629									
9909			0	838	CI	CO	39.54		9630									
4002	6.13		3.85	300	CI	VC	18.44		9631									
4004	6.03								9632									
5002	7.25		3.62	1200	1040	EG	BR	19.88	9633									
5003	6.47		3.35	900	800	EG	BR	14.36	9634									
5004	6.6		3.28	1000	950	EG	BR	9	9635									
5005	6.47								9636									
5007	7.53								9637									
5011	7.65								9638									
5016	8.2								9639									
5017	6.16		3.75	300	CI	VC	6.92		9640									
5018	6.51								9641									
5019	6.53								9642									
5021			0		CI		10.32		9643									
5022			0		CI		2.3		9644									
5023		SW							9645									
5024		SW							9646									
5030	6.59	SW	4.71	500	CI	VC	0.91		9647									
5030	6.51								9648									
5101	6.78								9649									
5102	7.46		4.11	375	CI	VC	15.19		9650									
5107	6.24		3.29	900	910	EG	BR	4.02	9651									
5108	6.24								9652									
5110	7.55		4.61	0	CI		7.07		9653									
6001	10.22								9654									
6002	10.3		6.29	920	560	EG	BR	10.14	9655									
6003	11.05		6.72	900	550	EG	BR	27.31	9656									
6004	8.72								9657									
6010	8.89		6.35	1510	1200	EG	BR	9.14	9658									
6011	8.94								9659									
6012	8.79								9660									
6013									9661									
6014	9.19								9662									
6015	9.86		8.65	225	CI	VC	3.88		9663									
6016	9.59		4.65	1750	1250	EG	BR	80.1	9664									
6020	10.07								9665									
6022	8.39		6.36	300	CI	VC	10.39		9666									
6023	8.58		6.75	225	CI	VC	5.73		9667									
6102	9.89		7.25	375	CI	VC	55.1	145	9668									
7001	11.68								9669									
7002	14.09								9670									
7101	11.2								9671									
7102	13.91		9.55	900	620	EG	BR	14.21	9672									
8001	17.25		12.56	850	560	EG	BR	37.54	9673									
8002	16.19								9674									
8102	16.41								9675									
8105	15.73		12.39	900	550	EG	BR	21.4	9676									
9001									9677									
9002	19.09								9678									
9004	19.85		14.47	860	580	EG	BR	46.75	9679									
9005	19.4		17.18	800	600	EG	BR	26.15	9680									
9006	20.32		17.59	900	550	EG	BR	17.2	9681									
9100			13.6	1500	1050	EG	CO	9.92	9682									
9103	16.85								9683									
9104	17.82		16.36	840	570	EG	BR	21.28	9684									
9904	20.82		16.9	780	560	EG	BR	19.21	9685									
0905	21.28								9686									
0908	21.39		17.5	1000	900	EG	BR	77.62	9687									
0002	20.5		17.62	225	CI	VC	24.76		9688									
0003	19.81		15.43	900	550	EG	BR	29.7	9689									
0004	20.22								9690									
4809									9691									
4901									9692									
4904									9693									
4918									9694									
5909			0	200	CI		8.43		9695									
5912			0	900	550	EG	VC	12.42	9696									
5913			0	1750	CI	VC	7.86		9697									
5919									9698									
5926			0	1230	1520	EG	BR	4.84	9699									
7900			0	900	CI	CO	18.53		9700									
7907			0	690	CI	CO	7.67		9701									
8904									9702									
8905			0	840	500	EG	BR	17.26	9703									
8907			0	690	CI	CO	55.32		9704									
8916									9705									
8918																		