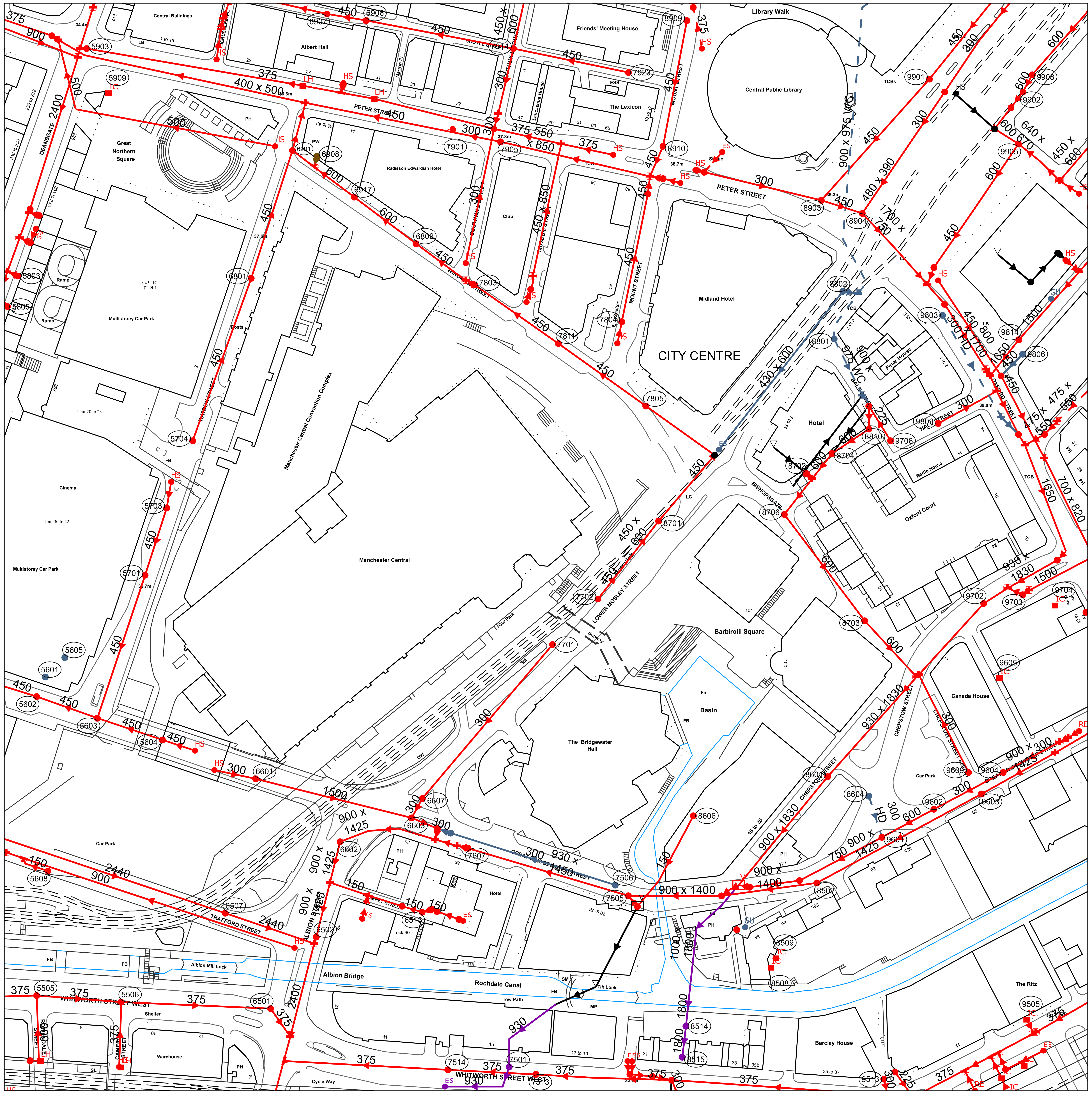


OS Sheet No: SJ8397NE

Scale: 1:1250   Date: 25/11/2016

Printed By: Property Searches

Refno	Cover	Func	Invert	Size.x	Size.y	Shape	Matl	Length	Grad
5503	33.4	CO	30.67	300		CI	VC	34.02	8
5505	33.83	CO							
5506	34.08	CO							
5601	36.03	SW							
5602	35.48	CO	31.92	450		CI	CO	80.65	
5603	35.59	CO	0	450		CI	CO	29.73	
5604	35.71	CO	32.67	450		CI	CO	31.62	
5605	35.76	SW							
5608		CO		150		CI	VC	13.54	
5701	35.76	CO							
5703	17.87	CO	0	450		CI	CO	32.57	
5704		CO	0	450		CI	CO	79.71	
5801		CO		0		CI	VC	5.41	
5803		CO		0		CI	VC	5.16	
5805		CO		0		CI	VC	5.45	
5901	34.79	CO	21.81	2400		CI	BR	70.23	780
5902	34.19	CO							
5903	34.5	CO							
5909		CO							
5912		CO		0		CI	VC	4.98	
6501	34.91	CO	0	375		CI	VC	15.81	
6502	36.02	CO	22.59	2400		CI	BR	3.16	
6505	35.94	CO		150		CI	VC	35.13	
6507	9.01	CO	0	2440		CI	CO	43.32	
6513		CO		150		CI	VC	9.62	
6514		CO		150		CI	VC	4.65	
6515		CO		150		CI	VC	2.51	
6601	35.88	CO							
6602	36.37	CO	22.74	900	1425	EG	BR	19.4	129
6603	37.02	CO							
6607	38.01	CO	0	300		CI	CO	10.3	
6801		CO	0	450		CI	CO	61.98	
6802	18.46	CO	14.43	600		CI	CO	35.73	
6901	36.94	CO							
6906	18.09	CO	0	450		CI	VC	18.25	
6907	27.13	CO	0	450		CI	VC	22.56	
6908		FO		150		CI	VC	5.12	
6910		CO							
6917		CO							
7501	33.14	OV	27.68	900	1330	EG	BR	9.49	
7505	37.28	CO							
7506	37.31	SW	34.55	300		CI	CO	79.7	347
7507	32.51	CO		225		CI	UN	10.5	
7508		CO		150		CI	VC	10.77	
7512	32.37	CO		225		CI	UN	8.97	
7513		CO		375		CI	VC	40.74	
7514		CO		375		CI	VC	75.83	
7516		CO							
7607	37.09	CO	23.12	900	1425	EG	BR	5.1	
7608	37.09	SW	34.32	300		CI	CO	6.32	1
7609	37.12	CO							
7701	39	CO	35.54	300		CI	CO	92.96	
7702		CO	0	450		CI	CO	22.8	
7801	39.53	CO							
7803	39.37	CO	34.88	450		CI	CO	4.47	
7804	39.52	CO							
7805	40.87	CO							
7811		CO							
7901		CO	34.09	450		CI	VC	66.29	
7905	37.89	CO							
7907	37.82	CO	30.14	375		CI	VC	191.71	342
7911		CO							
7914	38.51	CO							
7923		CO	0	450		CI	VC	54.13	
8502	36.36	CO							
8503	36.47	CO	31.55	750		CI	CO	23.19	63
8504	36.93	CO	28.16	525		CI	CO	5.2	
8505	32.34	CO							
8506	36.98	CO	23.44	900	1400	EG	BR	42.95	226
8508		CO							
8509		CO							
8510		CO							
8514		OV	0	1800		CI	BR	14.41	
8515		OV							
8601	36.5	CO	27.8	900	1830	EG	BR	64.73	141
8604	35.93	SW	33.35	300		CI	VC	19.92	25
8606		CO	0	150		CI	VC	49.49	
8701	39.37	CO							
8702	37.28	CO	34.68	600		CI	CO	3.8	
8703	36.76	CO	28.96	600		CI	CO	35.38	
8704	37.6	CO							
8706	37.42	CO	32.92	600		CI	CO	61.4	16
8801	39.34	SW							
8802	39.51	SW	35.59	600		CI	VC	7.07	
8803	37.76	CO							
8810	37.6	CO	34	600		CI	CO	20.52	47
8901	38.88	CO	35.32	550	850	EG	BR	6.08	
8902	39.04	CO	33.7	300		CI	VC	55.54	40
8903	39.45	CO							
8904	39.55	CO	30.92	1700	750	EG	CO	21.93	
8905	39.82	CO							
8909		CO	0	450		CI	VC	59.03	
8910		CO	0	450		CI	VC	15.23	
9502		CO	0	225		CI	VC	8.67	
9505		CO							
9512		CO		225		CI	UN	14.29	
9513		CO		300		CI	VC	7.63	
9514		CO							
9514		CO							
9601	36.54	CO							
9602	36.14	CO	32.73	600		CI	CO	27.29	161
9603	36.26	CO							
9604	36.45	CO							
9605	0	CO							
9609	36.22	CO	29.73	300		CI	VC	50.54	
9701		CO		150		CI	VC	6.17	
9702	38.08	CO							
9703	38.33	CO	29.42	1500		CI	CO	7.62	
9704		CO							
9705	38.49	CO	28.14	930	1830	EG	BR	39.46	
9706	37.71	CO	36.36	225		CI	VC	18.87	70
9801	39.33	CO	31	450		CI	CI	8.54	
9802	39.35	CO							
9803	39.23	SW	35.83	300		CI	VC	54.2	
9806	39.32	SW	36.1	450		CI	VC	14.14	28
9808	39.09	CO							
9809	38.17	CO	30.88	300		CI	VC	30.89	
9814		CO	0	1650		CI	CO	21.31	
9820	39.27	CO	37.25	550		CI	BR	10.3	
9822	38.93	CO							
9901	39.86	CO	33.36	450		CI	VC	75.07	70
9902	40.37	CO	36.65	600		CI	CO	9.04	452
9903	40.42	CO	36.63	600		CI	VC	25.39	77
9905	40.25	CO							
9906	39.99	CO							
9908		CO		600		CI	CO	9.08	
5606		CO	0	450		CI	CO	15.81	
5607		CO	0	300		CI	PVC	19.42	
5610		CO	0	2440		CI	CO	106.57	
5702		CO	0	450		CI	CO	12.17	
5904		CO	0	939		CI	CO	14.14	
5908		CO	0	500		CI	BR	32.98	
5911		CO	0	900		CI	BR	35.47	
6503		CO	0	900		CI	BR	140.09	
6512		CO							
6904		CO							
6905		CO							
6914		CO							
6915		CO	0	500		CI	CO	93.56	
7502		OV	0	930		CI	BR	39.9	
7503		CO							
7515		OV							
7703		CO							
7802		CO	0	450	850	EG	BR	3	
7808		CO	0	300		CI	VC	63.35	
7812		CO	0	470	800	FT	BR	6.32	
7815		CO	0	450		CI	VC	10.2	
7920		CO	0	375		CI	VC	24.52	
8501		CO	25.57	300		CI	CO	5	3
8511		OV	0	1800		CI	BR	20.32	

Refno	Cover	Func	Invert	Size.x	Size.y	Shape	Matl	Length	Grad
8512		SW							
8809		SW							
8906		CO	0	850		CI	VC	8.25	
8907		CO	0	300		CI	VC	4.12	
8908		CO		375		CI	VC	19.42	
8911		CO							
9501		CO	0	375		CI	VC	24.19	
9507		CO		150		CI	UN	8.96	
9510		CO							
9515		CO							
9710		CO							
9804		CO	0	800	1700	EG	CO	34.71	
9805		SW							
9813		CO							
9815		CO							
9818		CO	0	450		CI	VC	52.7	
9909		CO							
9912		CO	0	450	600	EG	BR	10.82	
9914		CO	33.64	450		CI	CI	35.23	13
9915		CO	0	640	670	RE	BR	12.81	
5502		CO							
5508		CO							
5609		CO							
5611		CO							
5802		CO							
5804		CO							
5905		CO							
5906		CO	0	2400		CI	BR	97.42	
5907		CO							
5910		CO							
5913		CO							
6504		CO							
6506		CO							
6508		CO	22.74	900	1425	EG	BR	25.96	173
6509		CO							
6510		CO							
6606		CO	0	900	1425	EG	BR	45.68	
6902		CO							
6903		CO							
6909		CO							
6911		CO							
6912		CO							
6913		CO							
6916		CO							
7611		CO	0	900	1425	EG	BR	10.44	
7809		CO	0	450		CI	CO	28.6	
7813		CO							
7921		CO							
7922		CO	0	300		CI	VC	7.28	
7930		CO	0	550	850	EG	BR	70.83	
8705		CO	0	600		CI	CO	20.96	
8804		SW		900	975	EG	BR	2.83	
8807		SW							
9503		CO							
9504		CO							
9506		CO							
9508		CO							
9509		CO							
9516		CO							
9612		CO							
9613		CO							
9615		CO	0	300		CI	CO	29.53	
9616		CO	0	900	1425	EG	BR	38.95	
9617		CO	0	300		CI	CO	4.47	
9708		CO							
9709		CO	0	1500		CI	CO	3.61	
9711		CO							
9712		CO							
9807		CO							
9811		SW	0	300		CI	VC	11.31	
9812		CO							
9817		CO							
9823		CO							
9825		CO							
9827		CO	0	475	550	EG	BR	8.49	
9910		CO							
7504		CO							
7508		OV							
8707		SW							
8709		CO							
8710	39.43	CO							
8811		CO							
9805		CO							
9810		CO							
9819		CO							
9904	40.27	CO							
9907		CO							
8507		CO							

WASTE WATER SYMBOLOGY

Foul Surface Combined Overflow

- Manhole
- Manhole, Side Entry
- MainSewer, Public
- MainSewer, Private
- MainSewer, S104
- Rising Main, Public
- Rising Main, Private
- Rising Main, S104
- Highway Drain, Private

Foul Surface Combined

- WW Site Termination
- Air Valve
- Cascade
- Non Return Valve
- Extent of Survey
- Flow Meter
- Gulley
- Hatch Box
- Head of System
- Hydrobrake / Vortex
- Inlet
- Inspection Chamber
- Bifurcation
- Catchpit
- Contaminated Surface Water
- WW Pumping Station
- Sludge Pumping Station
- Sewer Overflow
- T Junction/Saddle
- LampHole
- OilInterceptor
- PenStock
- Pump
- RoddingEye
- Soakaway
- Summit
- Valve
- Valve Chamber
- Washout Chamber
- DropShaft
- WW Treatment Works
- Septic Tank
- Vent Column
- Network Storage Tank
- Orifice Plate
- Vortex Chamber
- Penstock Chamber
- Blind Manhole

- Sludge Main, Public
- Sludge Main, Private
- Sludge Main, S104

ABANDONED PIPE

- MainSewer
- Rising Main
- Highway Drain
- Sludge Main

Foul Surface Combined Overflow

- Screen Chamber
- Discharge Point
- Outfall

- Control Kiosk
- Unspecified

LEGEND

MANHOLE FUNCTION

FO	Foul
SW	Surface Water
CO	Combined
OV	Overflow

SEWER SHAPE

CI	Circular	TR	Trapezoidal
EG	Egg	AR	Arch
OV	Oval	BA	Barrel
FT	Flat Top	HO	HorseShoe
RE	Rectangular	UN	Unspecified
SQ	Square		

SEWER MATERIAL

AC	Asbestos Cement	DI	Ductile Iron
BR	Brick	PVC	Polyvinyl Chloride
PE	Polyethylene	CI	Cast Iron
RP	Reinforced Plastic Matrix	SI	Spun Iron
CO	Concrete	ST	Steel
CSB	Concrete Segment Bolted	VC	Vitrified Clay
CSU	Concrete Segment Unbolted	PP	Polypropylene
CC	Concrete Box Culverted	PF	Pitch Fibre
PSC	Plastic/Steel Composite	MAC	Masonry, Coursed
GRC	Glass Reinforced Concrete	MAR	Masonry, Random
GRP	Glass Reinforced Plastic	U	Unspecified

The position of the underground apparatus shown on this plan is approximate only and is given in accordance with the best information currently available. United Utilities Water will not accept liability for any loss or damage caused by the actual position being different from those shown.

Crown copyright and database rights [2016] Ordnance Survey 100022432.

OS Sheet No: SJ8397NE

Scale: 1:1250 Date: 25/11/2016

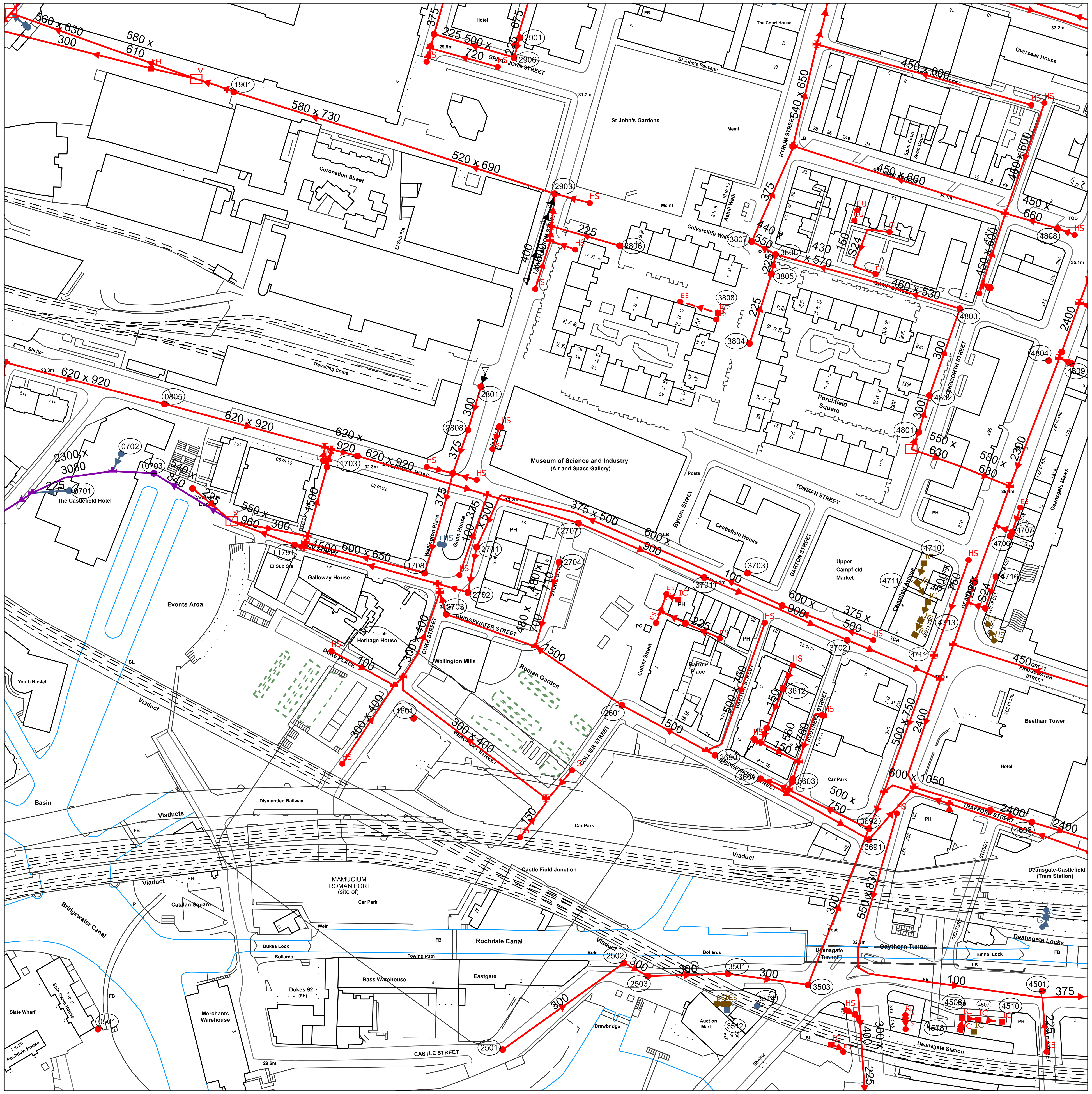
238 Nodes

Sheet 1 of 1

United Utilities

helping life flow smoothly

SEWER RECORDS



Refno	Cover	Func	Invert	Size.x	Size.y	Shape	Matl	Length	Grad
0501		CO							
0701	25.6	SW	24.47	225		CI	VC	17.03	
0702	25.59	SW	24.74	225		CI	VC	8.94	
0703	25.81	OV	22.78	2300	3080	UN	BR	128.36	
0704	26.25	CO	23.77	225		CI	VC	23.54	81
0805	29.54	CO							
0901	26.68	SW	23.4	400		CI	VC	5	26
1601	33.23	CO							
1703	31.99	CO	22.21	620	920	EG	BR	106.61	
1708	32.57	CO							
1709	31.39	CO							
1791	29.37	CO							
1901	28.95	CO							
1906		CO							
2501	31.09	CO	24.95	300		CI	VC	68.82	299
2502	29.53	CO							
2503	32.16	CO							
2601	33.75	CO	26.77	1500		CI	CO	91.92	919
2701	33.05	CO	28.12	300		CI	BR	10.2	
2702	33.12	CO	25.87	1500		CI	CO	14.56	
2703	33.04	CO	25.9	1500		CI	CO	14.56	
2704	33.44	CO	30.36	480	710	FT	BR	19.65	
2706	32.91	CO	29.87	375		CI	CO	23.77	
2707	33.5	CO	22.19	600	900	EG	BR	63.16	1263
2801	33.17	CO	30.67	300		CI	BR	20.88	54
2802		CO		150		CI	VC	10.86	
2806	33.42	CO	31.38	225		CI	VC	32.7	
2808		CO	30.28	375		CI	CO	21.19	54
2901		CO		225		CI	VC	9.54	
2902		CO	0	675		CI	VC	66.76	
2903	32.21	CO							
2906		CO		225		CI	VC	38.34	
3501	32.11	CO							
3502		CO							
3503	32.24	CO							
3504	31.9	CO	30	300	400	EG	VC	30.07	15
3505		CO		100		CI	VC	3.08	
3512		SW							
3513	0	FO							
3514		SW							
3601	34.38	CO	26.9	375		CI	VC	28.65	
3603		CO	0	560	760	UN	BR	5.39	
3605		CO							
3612		CO							
3690	34.2	CO	27.14	1500		CI	CO	48.77	139
3691	33.4	CO							
3692	33.74	CO	0	500	750	UN	BR	41.15	
3701	34.12	CO							
3702	34.7	CO							
3703	34.32	CO							
3707	34.62	CO							
3710		CO		225		CI	VC	12.82	
3711		CO							
3804	34.07	CO	33.04	225		CI	VC	33.53	17
3805	33.63	CO	31.01	225		CI	VC	9.22	33
3806	33.49	CO							
3807	33.44	CO							
3808		CO							
3901	33.28	CO	29.58	540	650	FT	BR	48.27	
4501	33.52	CO							
4506		CO							
4507		CO							
4508		CO							
4509		FO							
4510		CO							
4512		SW							
4608		CO	0	2400		CI	BR	27.9	
4609		CO		2400		CI	BR	19.89	
4704	35.36	CO							
4706		CO		150		CI	VC	2.11	
4707		CO							
4710		FO							
4711		FO							
4712		FO							
4713		FO							
4714		FO							
4715		CO							
4716		CO		225		CI	VC	15.41	
4801	34.39	CO							
4802	34.21	CO							
4803	34.44	CO	31.43	460	530	UN	BR	43.97	92
4804	35.23	CO							
4805	35.27	CO							
4808	35.15	CO	31.85	450	660	UN	BR	25	
4809		CO		0		CI	VC	6.15	
4812		CO		225		CI	VC	4.05	
9026		CO	0	600	750	UN	CO	16.81	
3100		CO		150		CI	VC	11.49	
0708		OV	0	540	840	UN	BR	21.1	
0905		SW	23.21	500	700	UN	BR	5.11	27
0906		CO	23.89	560	630	UN	BR	45.54	52
0907		CO	24.9	570	640	FT	BR	9.79	98
1602		CO	0	300	400	UN	CO	48.92	
1702		CO	0	450		CI	CO	12.37	
1704		CO	0	100		CI	CO	33.12	
1902		CO	0	500	750	UN	VC	6.42	
1904		CO							
1905		CO							
2602		CO	0	150		CI	VC	20	
2603		CO	0	150		CI	VC	15.62	
2605		CO	0	400		CI	VC	2.24	
2606		CO							
2705		SW							
2708		CO							
2710		CO	0	100		CI	VC	39.22	
2711		CO	0	450		CI	CO	11.4	
2713		CO	30.62	1500		CI	CO	11.18	
2714		CO							
2715		CO	31.22	600	650	UN	CO	24.04	
2800		CO	0	400	600	UN	CO	12.28	
2803		CO							
2807		CO	0	400	600	UN	CO	23.22	
2904		CO	0	500	720	UN	VC	32.35	
3506		CO	0	100		CI	VC	80.75	
3507		CO	27.93	225		CI	VC	30.07	15
3509		CO		100		CI	VC	4.71	
3511		CO							
3600		CO	0	150		CI	VC	3.78	
3604		CO	0	560	760	UN	VC	31.62	
3607		CO							
3608		CO							
3611		CO							
3704		CO	0	500	750	UN	CO	67.08	
3705		CO	22.11	600	900	EG	BR	36.25	3625
3706		CO							
3708		CO	0	100		CI	VC	22.47	
3715		CO							
3801		CO							
3802		CO							
3904		CO							
3905		CO							
3906		CO							
4505		CO							
4511		SW							
4514		SW							
4603		CO	0	550	830	UN	VC	79.39	
4604		CO							
4605		CO	0	600	1050	UN	BR	53.38	
4606		CO							
4703		CO	0	375	500	UN	VC	22.47	
4705		CO	0	580	630	UN	BR	23.77	
4719		FO							
4792		CO	0	500	750	UN	BR	46.82	
4806		CO	0	450	600	UN	CO	38.9	
4807		CO	0	450	660	UN	BR	8.54	
4813		CO		150		CI	VC	39.09	
4901		CO	0	450	600	UN	CO	54.08	
4902		CO	0	450	600	UN	CO	102.88	
6400		CO							
0705		OV							

Refno	Cover	Func	Invert	Size.x	Size.y	Shape	Matl	Length	Grad
0706		OV							
0890		CO							
0902		CO							
1603		CO							
1605		CO							
1700		CO							
1706		CO							
1707		CO							
1790		CO							
1792		CO							
1903		CO							
2604		CO	0	300	400	UN	CO	88.8	
2709		CO							
2712		CO							
2790		CO							
2791		CO							
2809		CO							
2900		CO							
3508		CO							
3602		CO	0	500	750	UN	BR	6.71	
3606		CO							
3609		CO							
3610		CO							
3714		CO							
3716		CO							
3902		CO	0	540	650	FT	BR	10.44	
3903		CO							
4607		CO							
4690		CO							
4691		CO							
4692		CO							
4702		CO							
4709		CO							
4717		CO							
4790		CO							
4791		CO	0	500	750	UN	BR	67.07	
4800		CO							
4810		CO							
4811		CO							
4903		CO							
2802		CO							
2803		CO							
2804		CO							
2905		CO							
0903		CO	25.45	300		CI	VC	95.49	48
0904		CO							
1701		CO							
4701		CO	31.33	550	630	UN	BR	24.72	

WASTE WATER SYMBOLOGY

Foul / Surface / Combined / Overflow

- Manhole
- Manhole, Side Entry
- MainSewer, Public
- MainSewer, Private
- MainSewer, S104
- Rising Main, Public
- Rising Main, Private
- Rising Main, S104
- Highway Drain, Private

Foul / Surface / Combined

- WW Site Termination
- Air Valve
- Cascade
- Non Return Valve
- Extent of Survey
- Flow Meter
- Gulley
- Hatch Box
- Head of System
- Hydrobrake / Vortex
- Inlet
- Inspection Chamber
- Bifurcation
- Catchpit
- Contaminated Surface Water
- WW Pumping Station
- Sludge Pumping Station
- Sewer Overflow
- T Junction/Saddle
- LampHole
- OilInterceptor
- PenStock
- Pump
- RoddingEye
- Soakaway
- Summit
- Valve
- Valve Chamber
- Washout Chamber
- DropShaft
- WW Treatment Works
- Septic Tank
- Vent Column
- Network Storage Tank
- Orifice Plate
- Vortex Chamber
- Penstock Chamber
- Blind Manhole

Foul / Surface / Combined / Overflow

- Screen Chamber
- Discharge Point
- Outfall

- Sludge Main, Public
- Sludge Main, Private
- Sludge Main, S104

ABANDONED PIPE

- MainSewer
- Rising Main
- Highway Drain
- Sludge Main

- Control Kiosk
- Unspecified

LEGEND

MANHOLE FUNCTION

FO	Foul
SW	Surface Water
CO	Combined
OV	Overflow

SEWER SHAPE

CI	Circular	TR	Trapezoidal
EG	Egg	AR	Arch
OV	Oval	BA	Barrel
FT	Flat Top	HO	HorseShoe
RE	Rectangular	UN	Unspecified
SQ	Square		

SEWER MATERIAL

AC	Asbestos Cement	DI	Ductile Iron
BR	Brick	PVC	Polyvinyl Chloride
PE	Polyethylene	CI	Cast Iron
RP	Reinforced Plastic Matrix	SI	Spun Iron
CO	Concrete	ST	Steel
CSB	Concrete Segment Bolted	VC	Vitrified Clay
CSU	Concrete Segment Unbolted	PP	Polypropylene
CC	Concrete Box Culverted	PF	Pitch Fibre
PSC	Plastic/Steel Composite	MAC	Masonry, Coursed
GRC	Glass Reinforced Concrete	MAR	Masonry, Random
GRP	Glass Reinforced Plastic	U	Unspecified

The position of the underground apparatus shown on this plan is approximate only and is given in accordance with the best information currently available. United Utilities Water will not accept liability for any loss or damage caused by the actual position being different from those shown.

Crown copyright and database rights [2016] Ordnance Survey 100022432.

OS Sheet No: SJ8397NW

Scale: 1:1250 Date: 25/11/2016

198 Nodes

Sheet 1 of 1

United Utilities helping life flow smoothly

SEWER RECORDS

OS Sheet No: SJ8397NW

Printed By: Property Searches

Scale: 1:1250 Date: 25/11/2016