



Sewerage

Maintenance Hole:

MH_number	4	7	6	5	04B	04A
Line number	308	400	400	400	400	400
Object ID	8931397	8931398	8931399	8931400	8931401	8931402
X	499161.946372	499287.74643	499307.420957	499314.3755	499292.575298	499273.913766
Y	7000530.427158	7000510.895673	7000512.874581	7000556.410908	7000559.75832	7000562.548204
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed
Notes						
Supporting File						
Use	Maintenance Hole	Maintenance Hole	Maintenance Hole	Maintenance Hole	Maintenance Hole	Maintenance Hole
Chamber size	Circular	Circular	Circular	Circular	Circular	Circular
Length_mm / Diameter_mm/ Area_sqm	900	1200	1200	1200	1200	1200
Width(mm)						
SurfaceLevel_m	4.307	3.991	3.812	3.695	3.673	3.853
InvertLevel_m	2.277	1.162	0.995	0.699	0.547	0.4
Floor construction	Insitu	Insitu	Insitu	Insitu	Insitu	Insitu
Floor material	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Wall construction	Insitu	Insitu	Insitu	Insitu	Insitu	Insitu
Wall material	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Roof material	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Lining						



Lid material	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Drop type	Straight Through MH	Straight Through MH	Straight Through MH	Straight Through MH	Straight Through MH	Straight Through MH
Catchment PS						
Chainage_m						
Tie_distance_m						
Offsetdistance(m)						
Rotation	0	0	0	0	0	0



Sewerage

Maintenance Hole:

MH_number	4	2	01A	1	11	10
Line number	400	400	400	308	400	2
Object ID	8931403	8931404	8931405	8931408	8931409	8931410
X	499255.092298	499253.853794	499220.726051	499106.8985	499188.225855	499381.467127
Y	7000565.790906	7000595.49402	7000599.704335	7000538.801708	7000526.206547	7000571.944443
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed
Notes						
Supporting File						
Use	Maintenance Hole	Maintenance Hole	Maintenance Hole	Maintenance Hole	Maintenance Hole	Maintenance Hole
Chamber size	Circular	Circular	Circular	Circular	Circular	Circular
Length_mm / Diameter_mm/ Area_sqm	1200	1200	1200	900	900	1200
Width(mm)						
SurfaceLevel_m	4.055	3.792	3.903	4.043	4.401	3.713
InvertLevel_m	0.246	0.011	-0.206	1.389	2.752	0.312
Floor construction	Insitu	Insitu	Insitu	Insitu	Insitu	Insitu
Floor material	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Wall construction	Insitu	Insitu	Insitu	Insitu	Insitu	Insitu
Wall material	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Roof material	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Lining						



Lid material	Concrete	Concrete	Concrete	Concrete	Concrete	Concrete
Drop type	Straight Through MH	Straight Through MH	Straight Through MH	Straight Through MH	Straight Through MH	Straight Through MH
Catchment PS						
Chainage_m						
Tie_distance_m						
Offsetdistance(m)						
Rotation	0	0	0	0	0	0



Sewerage

Maintenance Hole:

MH_number	8	7	1	9		
Line number	2	2	400	2		
Object ID	8931411	8931412	8931413	8931414		
X	499284.830398	499208.580588	499207.78323	499349.955737		
Y	7000603.141559	7000612.404556	7000600.905855	7000586.810594		
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed		
Notes						
Supporting File						
Use	Maintenance Hole	Maintenance Hole	Maintenance Hole	Maintenance Hole		
Chamber size	Circular	Circular	Circular	Circular		
Length_mm / Diameter_mm/ Area_sqm	1200	1200	1200	1200		
Width(mm)						
SurfaceLevel_m	3.8	3.943	3.962	3.776		
InvertLevel_m	-0.328	-0.867	-0.336	0.057		
Floor construction	Insitu	Insitu	Insitu	Insitu		
Floor material	Concrete	Concrete	Concrete	Concrete		
Wall construction	Insitu	Insitu	Insitu	Insitu		
Wall material	Concrete	Concrete	Concrete	Concrete		
Roof material	Concrete	Concrete	Concrete	Concrete		
Lining						



Lid material	Concrete	Concrete	Concrete	Concrete		
Drop type	Straight Through MH	Straight Through MH	Straight Through MH	Straight Through MH		
Catchment PS						
Chainage_m						
Tie_distance_m						
Offsetdistance(m)						
Rotation	0	0	0	0		

Sewerage

Pipe non pressure:

Line number	2	2	2	2	2	8A
Object ID	8931333	8931334	8931335	8931336	8931337	8931338
X	499207.993176	499284.220007	499349.460715	499380.917928	499383.966387	499380.712029
Y	7000612.453923	7000603.207655	7000586.922126	7000572.199891	7000571.358872	7000568.461936
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed
Notes						
Supporting File						
Use	Reticulation	Reticulation	Reticulation	Reticulation	Reticulation	Reticulation
US_invertLevel_m	-0.867	-0.338	0.057	0.312	0.375	1.338
DS_invertLevel_m	-1.285	-0.811	-0.321	0.087	0.325	1.312
US_surfaceLevel_m	3.937	3.794	3.77	3.692	3.729	3.693
DS_surfaceLevel_m	3.642	3.926	3.776	3.77	3.704	3.697
Alignment(m)						
Diameter(mm)	225	160	160	160	160	160
Material	PVC-U	PE-100	PE-100	PE-100	PE-100	PE-100
Class	PN12	SDR21	SDR21	SDR21	SDR21	SDR21
Lining						
Protection	Uncoated	Uncoated	Uncoated	Uncoated	Uncoated	Uncoated
Joint type	RR	EFW	EFW	EFW	EFW	EFW
Average depth(m)	4.8655	4.4345	3.905	3.5315	3.3665	2.37
Embedment	Type 1	Type 1	Type 1	Type 1	Type 1	Type 1



Rock excavated						
Pipe grade	0.399	0.625	0.572	0.667	2.486	0.868
Length(m)	104.957	75.67	66.081	33.731	1.989	2.923

Sewerage

Pipe non pressure:

Line number	400	400	400	400	400	402
Object ID	8931339	8931340	8931341	8931342	8931343	8931344
X	499220.1158	499253.253483	499273.34501	499291.997235	499313.741152	499315.936433
Y	7000599.83756	7000595.655726	7000562.774726	7000559.807023	7000556.508171	7000567.308986
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed
Notes						
Supporting File						
Use	Reticulation	Reticulation	Reticulation	Reticulation	Reticulation	Reticulation
US_invertLevel_m	-0.206	0.011	0.4	0.547	0.699	2.245
DS_invertLevel_m	-0.28	-0.193	0.287	0.412	0.578	2.138
US_surfaceLevel_m	3.783	3.855	4.029	3.914	3.666	3.484
DS_surfaceLevel_m	3.87	3.784	4.182	4.032	3.911	3.641
Alignment(m)						
Diameter(mm)	160	160	160	160	160	160
Material	PE-100	PE-100	PE-100	PE-100	PE-100	PE-100
Class	SDR21	SDR21	SDR21	SDR21	SDR21	SDR21
Lining						
Protection	Uncoated	Uncoated	Uncoated	Uncoated	Uncoated	Uncoated
Joint type	EFW	EFW	EFW	EFW	EFW	EFW
Average depth(m)	4.0695	3.9105	3.762	3.4935	3.15	1.371
Embedment	Type 1	Type 1	Type 1	Type 1	Type 1	Type 1



Rock excavated						
Pipe grade	0.624	0.634	0.627	0.766	0.582	1.018
Length(m)	11.799	32.246	17.986	17.672	20.756	10.499

Sewerage

Pipe non pressure:

Line number	400	400	400	400	400	400
Object ID	8931345	8931346	8931347	8931348	8931372	8931373
X	499307.60655	499288.258893	499244.815275	499188.633803	499184.960962	499207.789356
Y	7000513.40262	7000510.868862	7000517.539572	7000526.20741	7000511.332899	7000601.478066
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed
Notes						
Supporting File						
Use	Reticulation	Reticulation	Reticulation	Reticulation	Reticulation	Reticulation
US_invertLevel_m	0.995	1.162	2.155	2.752	2.965	-0.336
DS_invertLevel_m	0.735	1.039	1.706	2.155	2.797	-0.693
US_surfaceLevel_m	3.795	3.978	4.238	4.383	4.395	3.879
DS_surfaceLevel_m	3.677	3.793	3.989	4.238	4.381	3.929
Alignment(m)						
Diameter(mm)	160	160	160	160	160	160
Material	PE-100	PE-100	PE-100	PE-100	PE-100	PE-100
Class	SDR21	SDR21	SDR21	SDR21	SDR21	SDR21
Lining						
Protection	Uncoated	Uncoated	Uncoated	Uncoated	Uncoated	Uncoated
Joint type	EFW	EFW	EFW	EFW	EFW	EFW
Average depth(m)	2.871	2.785	2.183	1.857	1.507	4.4185
Embedment	Type 1	Type 1	Type 1	Type 1	Type 1	Type 1



Rock excavated						
Pipe grade	0.603	0.657	1.049	1.05	1.14	3.428
Length(m)	42.966	18.784	42.807	56.872	14.763	10.407

Sewerage

Pipe non pressure:

Line number	400	404	307	406	407	408
Object ID	8931375	8931376	8931377	8931379	8931380	8931381
X	499255.100372	499285.701888	499106.201874	499260.476451	499235.768417	499209.545357
Y	7000566.353654	7000496.821856	7000570.586258	7000499.792667	7000503.567867	7000507.553405
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed
Notes						
Supporting File						
Use	Reticulation	Reticulation	Reticulation	Reticulation	Reticulation	Reticulation
US_invertLevel_m	0.246	1.841	2.707	2.766	2.837	2.982
DS_invertLevel_m	0.058	1.287	1.135	1.979	2.227	2.502
US_surfaceLevel_m	4.163	3.952	3.971	4.157	4.28	4.405
DS_surfaceLevel_m	3.865	3.972	3.852	4.155	4.261	4.393
Alignment(m)						
Diameter(mm)	160	160	150	160	160	160
Material	PE-100	PE-100	PVC-U	PE-100	PE-100	PE-100
Class	SDR21	SDR21	SN8	SDR21	SDR21	SDR21
Lining						
Protection	Uncoated	Uncoated	Plastic Wrapped	Uncoated	Uncoated	Uncoated
Joint type	EFW	EFW	RR	EFW	EFW	EFW
Average depth(m)	3.862	2.398	1.9905	1.7835	1.7385	1.657
Embedment	Type 1	Type 1	Type 1	Type 1	Type 1	Type 1



Rock excavated						
Pipe grade	0.617	4.071	14.266	5.185	4.009	3.146
Length(m)	30.372	13.642	12.173	15.199	15.241	15.265

Sewerage

Pipe non pressure:

Line number	308	308	333	332	309	306
Object ID	8931382	8931383	8931384	8931385	8931386	8931387
X	499161.537695	499106.484478	499160.114488	499132.06378	499118.15078	499115.491762
Y	7000530.387197	7000538.956308	7000515.524353	7000519.65333	7000521.432255	7000602.583784
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed
Notes						
Supporting File						
Use	Reticulation	Reticulation	Reticulation	Reticulation	Reticulation	Reticulation
US_invertLevel_m	2.277	1.389	2.831	2.208	2.057	1.25
DS_invertLevel_m	1.677	1.226	2.314	1.975	1.833	1.044
US_surfaceLevel_m	4.291	4.053	4.316	4.179	4.128	3.621
DS_surfaceLevel_m	4.068	3.853	4.295	4.173	4.107	3.632
Alignment(m)						
Diameter(mm)	160	150	160	160	160	150
Material	PE-100	PVC-U	PE-100	PE-100	PE-100	PVC-U
Class	SDR21	SN8	SDR21	SDR21	SDR21	SN8
Lining						
Protection	Uncoated	Plastic Wrapped	Uncoated	Uncoated	Uncoated	Plastic Wrapped
Joint type	EFW	RR	EFW	EFW	EFW	RR
Average depth(m)	2.2025	2.6455	1.733	2.0845	2.1725	2.4795
Embedment	Type 1	Type 1	Type 1	Type 1	Type 1	Type 1



Rock excavated						
Pipe grade	1.091	0.976	3.563	1.519	1.434	1.066
Length(m)	54.944	16.657	14.533	15.326	15.639	19.348



Sewerage

Pipe non pressure:

Line number						
Object ID	8931421					
X	499285.595091					
Y	7000495.903772					
Infrastructure code						
Owner						
Status	Newly Constructed					
Notes						
Supporting File						
Use	Reticulation					
US_invertLevel_m	1.96					
DS_invertLevel_m	1.841					
US_surfaceLevel_m	3.974					
DS_surfaceLevel_m	3.952					
Alignment(m)						
Diameter(mm)	160					
Material	PE-100					
Class	SDR21					
Lining						
Protection	Uncoated					
Joint type	EFW					
Average depth(m)	2.0625					
Embedment	Type 1					



Rock excavated						
Pipe grade	12.826					
Length(m)	0.932					

Sewerage

Connection:

Line number	400	400	400	400	400	400
Object ID	8931349	8931350	8931351	8931352	8931353	8931354
X	499207.718284	499220.36924	499252.783436	499252.338719	499274.323309	499293.096951
Y	7000597.465521	7000596.223697	7000566.312199	7000564.378957	7000564.950153	7000562.129161
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed
Notes						
Supporting File						
SurfaceLevel_m	3.868	3.782	4.175	4.233	3.936	3.829
InvertLevel_m	3.058	2.769	2.869	2.874	2.745	2.587
Use	House	House	House	House	House	House
Diameter_mm	110	110	110	110	110	110
Class	SH	SH	SH	SH	SH	SH
Length_m	2.801	2.906	1.768	2.464	1.823	1.821
Type	Sloped Branch	Sloped Branch	Sloped Branch	Sloped Branch	Sloped Branch	Sloped Branch
Material	PE	PE	PE	PE	PE	PE
Chainage_m	0.1	0.1	0.1	0.1	0.1	0.1
Offset_m	3.403	3.455	2.318	3.488	2.464	2.507
DSMHID	1	01A	4	4	04A	04B
IO_Distance_m	0.1	0.1	0.1	0.1	0.1	0.1
SO_Nearest_m	1.022	0.713	0.54	0.685	0.611	0.532
SO_Other_m	1.059	2.349	1.179	0.8	10.535	8.457



Sediment trap	false	false	false	false	false	false
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Sewerage

Connection:

Line number	400	400	400	400	400	404
Object ID	8931355	8931356	8931357	8931358	8931359	8931360
X	499318.526595	499316.754835	499314.5732	499312.599122	499287.393328	499285.30075
Y	7000566.861802	7000556.089545	7000541.764631	7000529.384638	7000513.971737	7000493.582016
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed
Notes						
Supporting File						
SurfaceLevel_m	3.484	3.627	3.785	3.811	4.036	4.192
InvertLevel_m	2.537	2.623	2.592	2.606	2.665	2.745
Use	House	House	House	House	House	House
Diameter_mm	110	110	110	110	110	110
Class	SH	SH	SH	SH	SH	SH
Length_m	2.677	1.899	3.032	2.981	2.539	2.469
Type	Sloped Branch	Sloped Branch	Sloped Branch	Sloped Branch	Sloped Branch	Sloped Branch
Material	PE	PE	PE	PE	PE	PE
Chainage_m	10.573	0.1	14.358	26.921	0.1	14.227
Offset_m	2.629	2.466	2.459	2.44	2.963	3.266
DSMHID	5	5	5	5	7	07/400
IO_Distance_m	10.976	0.1	14.411	26.952	0.1	14.227
SO_Nearest_m	0.881	0.768	0.791	0.723	0.598	0.785
SO_Other_m	1.228	9.693	0.811	0.77	16.647	1.013



Sediment trap	false	false	false	false	false	false
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Sewerage

Connection:

Line number	400	400	406	400	407	400
Object ID	8931361	8931362	8931363	8931364	8931365	8931366
X	499269.952825	499257.248761	499260.049469	499244.793498	499235.402281	499232.945416
Y	7000516.228611	7000518.18708	7000497.411981	7000520.175068	7000501.361019	7000522.057998
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed
Notes						
Supporting File						
SurfaceLevel_m	4.158	4.217	4.342	4.303	4.495	4.258
InvertLevel_m	2.709	2.789	3.062	2.849	3.033	2.999
Use	House	House	House	House	House	House
Diameter_mm	110	110	110	110	110	110
Class	SH	SH	SH	SH	SH	SH
Length_m	2.684	2.636	2.438	2.727	2.246	2.755
Type	Sloped Branch	Sloped Branch	Sloped Branch	Sloped Branch	Sloped Branch	Sloped Branch
Material	PE	PE	PE	PE	PE	PE
Chainage_m	18.295	31.047	29.455	43.46	52.513	55.462
Offset_m	2.556	2.516	2.97	2.602	2.788	2.657
DSMHID	7	7	07/400	7	07/400	7
IO_Distance_m	18.414	31.261	29.455	43.46	52.513	55.885
SO_Nearest_m	0.771	0.775	0.841	0.845	0.687	0.903
SO_Other_m	0.941	1.301	0.963	1.418	0.992	0.92



Sediment trap	false	false	false	false	false	false
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Sewerage

Connection:

Line number	400	408	400	400	307	400
Object ID	8931367	8931368	8931369	8931370	8931371	8931374
X	499220.526228	499209.152785	499190.593449	499184.439313	499106.959792	499252.447483
Y	7000523.949845	7000505.333865	7000528.454801	7000509.254344	7000569.061843	7000592.302467
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed
Notes						
Supporting File						
SurfaceLevel_m	4.319	4.522	4.395	4.486	3.998	3.894
InvertLevel_m	3.066	3.201	3.063	3.159	2.65	2.695
Use	House	House	House	House	House	House
Diameter_mm	110	110	110	110	110	110
Class	SH	SH	SH	SH	SH	SH
Length_m	2.723	2.265	2.572	2.153	2.397	2.921
Type	Sloped Branch	Sloped Branch	Sloped Branch	Sloped Branch	Sloped Branch	Sloped Branch
Material	PE	PE	PE	PE	PE	PE
Chainage_m	68.026	78.304	98.335	15.234	13.011	0.1
Offset_m	2.633	2.805	2.521	2.727	1.94	3.1
DSMHID	7	07/400	7	11	03/300	2
IO_Distance_m	68.452	78.304	98.734	15.234	13.363	0.1
SO_Nearest_m	0.884	0.754	0.783	0.638	0.294	0.369
SO_Other_m	0.987	0.933	1.064	0.901	1.19	1.344



Sediment trap	false	false	false	false	false	false
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Sewerage

Connection:

Line number	307	308	308	308	308	308
Object ID	8931378	8931388	8931389	8931390	8931391	8931392
X	499106.201874	499164.575897	499162.355836	499139.672927	499127.524483	499108.0088
Y	7000570.586258	7000532.472099	7000532.845192	7000536.138563	7000538.014753	7000540.987122
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed
Notes						
Supporting File						
SurfaceLevel_m	3.971	4.314	4.314	4.264	4.172	4.153
InvertLevel_m	2.707	3.044	2.982	2.939	2.845	2.675
Use	House	House	House	House	House	House
Diameter_mm	110	110	110	110	110	110
Class	SH	SH	SH	SH	SH	SH
Length_m	0.567	2.468	2.01	2.658	2.767	2.064
Type	Sloped Branch	Sloped Branch	Sloped Branch	Sloped Branch	Sloped Branch	Sloped Branch
Material	PE	PE	PE	PE	PE	PE
Chainage_m	13.011	1.884	0.1	32.01	19.587	0.1
Offset_m	0.551	2.413	2.521	2.367	2.422	2.38
DSMHID	03/300	4	4	1	1	1
IO_Distance_m	13.363	2.247	0.1	32.812	20.531	0.1
SO_Nearest_m	0.55	0.796	0.827	0.631	0.637	0.606
SO_Other_m	1.087	1.227	1.025	1.046	1.249	18.5



Sediment trap	false	false	false	false	false	false
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Sewerage

Connection:

Line number	309	332	333	332		403
Object ID	8931393	8931394	8931395	8931396	8931406	8931407
X	499117.862946	499131.711692	499159.713665	499133.610723	499310.159671	499321.623474
Y	7000519.355942	7000517.308146	7000512.962047	7000517.025339	7000512.607233	7000487.56301
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed
Notes						
Supporting File						
SurfaceLevel_m	4.119	4.287	4.403	4.293	3.831	4.126
InvertLevel_m	2.954	2.974	3.11	2.934	2.637	2.696
Use	House	House	House	House	House	House
Diameter_mm	110	110	110	110	110	110
Class	SH	SH	SH	SH	SH	SH
Length_m	2.281	2.493	2.609	3.683	2.119	3.063
Type	Sloped Branch	Sloped Branch	Sloped Branch	Sloped Branch	Sloped Branch	Sloped Branch
Material	PE	PE	PE	PE	PE	PE
Chainage_m	13.879	27.793	15.021	27.789	0.1	26.733
Offset_m	2.097	2.372	2.828	17.453	0.1	3.057
DSMHID	01/308	01/308	04/308	01/308		06/400
IO_Distance_m	13.925	27.801	15.021	29.722	0.1	27.168
SO_Nearest_m	0.782	0.699	0.735	0.69	0.1	0.775
SO_Other_m	0.965	0.96	0.889	0.961	0.1	1.728



Sediment trap	false	false	false	false	false	false
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Sewerage

Connection:

Line number	333	400	407	408	406	404
Object ID	8931415	8931416	8931417	8931418	8931419	8931420
X	499157.853372	499182.522231	499233.524874	499207.188503	499258.18343	499283.192686
Y	7000513.147241	7000509.569413	7000501.563711	7000505.696321	7000497.772752	7000493.757491
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed
Notes						
Supporting File						
SurfaceLevel_m	4.41	4.488	4.514	4.525	4.346	4.226
InvertLevel_m	3.152	3.157	3.072	3.216	3.016	2.734
Use	House	House	House	House	House	House
Diameter_mm	110	110	110	110	110	110
Class	SH	SH	SH	SH	SH	SH
Length_m	3.678	3.61	3.631	3.573	3.705	4.212
Type	Sloped Branch	Sloped Branch	Sloped Branch	Sloped Branch	Sloped Branch	Sloped Branch
Material	PE	PE	PE	PE	PE	PE
Chainage_m	14.788	14.65	52.351	78.187	29.165	14.227
Offset_m	3.097	3.457	3.455	3.432	3.504	3.962
DSMHID	04/308	11	07/400	07/400	07/400	07/400
IO_Distance_m	15.021	15.234	52.513	78.304	29.455	14.227
SO_Nearest_m	0.835	0.618	0.772	0.694	0.768	0.932
SO_Other_m	0.979	1.043	0.895	1.065	0.937	1.098



Sediment trap	false	false	false	false	false	false
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Sewerage

Connection:

Line number	400					
Object ID	8931422					
X	499188.633292					
Y	7000528.72394					
Infrastructure code						
Owner						
Status	Newly Constructed					
Notes						
Supporting File						
SurfaceLevel_m	4.384					
InvertLevel_m	3.061					
Use	House					
Diameter_mm	110					
Class	SH					
Length_m	2.204					
Type	Sloped Branch					
Material	PE					
Chainage_m	0.408					
Offset_m	2.518					
DSMHID	11					
IO_Distance_m	0.408					
SO_Nearest_m	0.751					
SO_Other_m	0.916					



Sediment trap	false					
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Water Supply

Pipe:

Object ID	8931423	8931424	8931425	8931426	8931427	8931428
X	499084.411598	499081.335829	499126.057933	499151.406789	499196.98555	499235.263232
Y	7000525.575001	7000499.269527	7000535.901868	7000531.484635	7000512.841095	7000506.78052
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed
Notes						
Supporting File						
Use	Conduit	Conduit	Conduit	Conduit	Conduit	Conduit
Alignment(m)						
Diameter(mm)	100	100	100	100	100	100
Material	PVC-O	PVC-O	PVC-O	PVC-O	PVC-O	PVC-O
Class	PN20	PN20	PN20	PN20	PN20	PN20
Lining	Unlined	Unlined	Unlined	Unlined	Unlined	Unlined
Protection	Uncoated	Uncoated	Uncoated	Uncoated	Uncoated	Uncoated
Joint type	SWJ	SWJ	SWJ	SWJ	SWJ	SWJ
Average depth(m)	0.654		-0.26	2.349	0.283	0.239
Embedment	Type C	Type C	Type C	Type C	Type C	Type C
Length(m)	16.833	14.204	13.314	12.271	12.232	12.222

Water Supply

Pipe:

Object ID	8931429	8931430	8931484	8931485	8931578	8931579
X	499258.151074	499294.999328	499320.85698	499099.255658	499103.157097	499100.104319
Y	7000515.239135	7000517.669163	7000489.924265	7000513.659769	7000538.456846	7000519.211547
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed
Notes						
Supporting File						
Use	Conduit	Conduit	Reticulation	Reticulation	Reticulation	Reticulation
Alignment(m)						
Diameter(mm)	100	100	150	150	150	150
Material	PVC-O	PVC-O	PVC-O	PVC-O	PVC-O	DI
Class	PN20	PN20				PN35
Lining	Unlined	Unlined				Unlined
Protection	Uncoated	Uncoated				Uncoated
Joint type	SWJ	SWJ				RR
Average depth(m)	0.293	0.076	0.493	0.6	0.528	0.474
Embedment	Type C	Type C				
Length(m)	12.907	14.603	228.086	1.569	12.032	19.501



Water Supply

Pipe:

Object ID	8931580	8931583	8931589	8931590	8931591	
X	499096.229869	499175.018341	499289.961344	499290.168261	499292.025518	
Y	7000494.630384	7000527.359286	7000495.191158	7000496.605592	7000507.931059	
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	
Notes						
Supporting File						
Use	Reticulation	Conduit	Reticulation	Reticulation	Reticulation	
Alignment(m)						
Diameter(mm)	150	100	150	150	150	
Material	PVC-O	PVC-O	PVC-O	DI	PVC-O	
Class		PN20		PN35		
Lining		Unlined		Unlined		
Protection		Uncoated		Uncoated		
Joint type		SWJ		RR		
Average depth(m)	0.631	0.686	0.544	0.735	0.748	
Embedment		Type C				
Length(m)	24.899	11.28	1.65	11.481	28.671	



Water Supply

Valve:

Object ID	8931439	8931441	8931443			
X	499099.518553	499101.012955	499290.139273			
Y	7000515.204151	7000514.603391	7000496.437659			
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed	Newly Constructed			
Notes						
Supporting File						
Use	Stop	Stop	Stop			
Type	Gate	Gate	Gate			
Diameter_mm	150	150	150			
Manufacturer						
Model number						
Rotation						



Water Supply

Hydrant:

Object ID	8931431	8931432	8931433	8931435	8931436	8931438
X	499096.229869	499112.317431	499183.83981	499259.480541	499296.227837	499101.220872
Y	7000494.630384	7000521.798512	7000511.520624	7000499.888278	7000536.279715	7000549.722338
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed
Notes						
Supporting File						
Use	Spring	Spring	Spring	Spring	Spring	Spring
Diameter_mm	150	150	150	150	150	150
Rotation						



Water Supply

Hydrant:

Object ID	8931486					
X	499320.85698					
Y	7000489.924265					
Infrastructure code						
Owner						
Status	Newly Constructed					
Notes						
Supporting File						
Use	Spring					
Diameter_mm	150					
Rotation						

Water Supply

Meter:

Lot number	557	556	543	544	545	546
Plan number	SP288119	SP288119	SP288119	SP288119	SP288119	SP288119
Object ID	8931487	8931489	8931491	8931493	8931495	8931497
X	499084.312075	499084.159654	499125.875933	499126.426182	499150.551081	499151.090149
Y	7000525.602323	7000525.056718	7000537.223917	7000537.144451	7000533.466167	7000533.350672
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed
Notes						
Supporting File						
Type	Conventional	Conventional	Conventional	Conventional	Conventional	Conventional
Diameter_mm	20	20	20	20	20	20
Dials						
Manufacturer						
Model number						
Initial reading	32	32	32	33	29	31
Private booster	false	false	false	false	false	false
OffsetSide	Left	Right	Right	Left	Right	Left
Offset_m	0.2703	0.2879	0.2653	0.2739	0.3081	0.233
Installation date	2018-12-18	2018-12-18	2018-12-18	2018-12-18	2018-12-18	2018-12-18
Rotation						

Water Supply

Meter:

Lot number	547	516	517	518	519	520
Plan number	SP288119	SP288119	SP288119	SP288119	SP288119	SP288119
Object ID	8931499	8931501	8931503	8931505	8931507	8931509
X	499175.232985	499175.818895	499202.917474	499203.529397	499233.373938	499233.95732
Y	7000529.697933	7000529.566574	7000525.249847	7000525.193381	7000520.637489	7000520.57914
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed
Notes						
Supporting File						
Type	Conventional	Conventional	Conventional	Conventional	Conventional	Conventional
Diameter_mm	20	20	20	20	20	20
Dials						
Manufacturer						
Model number						
Initial reading	36	32	36	30	30	32
Private booster	false	false	false	false	false	false
OffsetSide	Right	Left	Right	Left	Right	Left
Offset_m	0.3175	0.28	0.2757	0.3035	0.2718	0.2866
Installation date	2018-12-18	2018-12-18	2018-12-18	2018-12-18	2018-12-18	2018-12-18
Rotation						



Water Supply

Meter:

Lot number	521	522	550	549	548	515
Plan number	SP288119	SP288119	SP288119	SP288119	SP288119	SP288119
Object ID	8931511	8931513	8931515	8931517	8931519	8931521
X	499258.036839	499258.664326	499132.530106	499133.082004	499158.617085	499159.184858
Y	7000516.810385	7000516.790602	7000518.269445	7000518.154682	7000514.21981	7000514.129145
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed
Notes						
Supporting File						
Type	Conventional	Conventional	Conventional	Conventional	Conventional	Conventional
Diameter_mm	20	20	20	20	20	20
Dials						
Manufacturer						
Model number						
Initial reading	33	32	30	32	29	32
Private booster	false	false	false	false	false	false
OffsetSide	Right	Left	Left	Right	Left	Right
Offset_m	0.3463	0.2882	0.2712	0.257	0.352	0.19
Installation date	2018-12-18	2018-12-18	2018-12-18	2018-12-18	2018-12-18	2018-12-18
Rotation						

Water Supply

Meter:

Lot number	514	513	512	511	510	509
Plan number	SP288119	SP288119	SP288119	SP288119	SP288119	SP288119
Object ID	8931523	8931525	8931527	8931529	8931531	8931533
X	499183.457182	499184.017037	499208.192852	499208.739049	499234.307134	499234.820127
Y	7000510.446691	7000510.37231	7000506.69767	7000506.561795	7000502.603561	7000502.512007
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed
Notes						
Supporting File						
Type	Conventional	Conventional	Conventional	Conventional	Conventional	Conventional
Diameter_mm	20	20	20	20	20	20
Dials						
Manufacturer						
Model number						
Initial reading	30	38	32	31	36	36
Private booster	false	false	false	false	false	false
OffsetSide	Left	Right	Left	Right	Left	Right
Offset_m	0.242	0.31	0.206	0.341	0.264	0.23
Installation date	2018-12-18	2018-12-18	2018-12-18	2018-12-18	2018-12-18	2018-12-18
Rotation						



Water Supply

Meter:

Lot number	508	507	506	505	504	523
Plan number	SP288119	SP288119	SP288119	SP288119	SP288119	SP288119
Object ID	8931535	8931537	8931539	8931541	8931543	8931545
X	499259.053936	499259.675831	499284.275132	499284.777359	499309.458384	499292.310007
Y	7000498.82895	7000498.708348	7000494.901529	7000494.812692	7000491.021276	7000518.327613
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed
Notes						
Supporting File						
Type	Conventional	Conventional	Conventional	Conventional	Conventional	Conventional
Diameter_mm	20	20	20	20	20	20
Dials						
Manufacturer						
Model number						
Initial reading	33	18	32	19	37	31
Private booster	false	false	false	false	false	false
OffsetSide	Left	Right	Left	Right	Right	Right
Offset_m	0.215	0.375	0.18	0.282	0.282	21.649
Installation date	2018-12-18	2018-12-18	2018-12-18	2018-12-18	2018-12-18	2018-12-18
Rotation						



Water Supply

Meter:

Lot number	1523	551				
Plan number	SP288119	SP288119				
Object ID	8931547	8931549				
X	499309.470958	499100.912331				
Y	7000515.771611	7000511.89761				
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed				
Notes						
Supporting File						
Type	Conventional	Conventional				
Diameter_mm	20	20				
Dials						
Manufacturer						
Model number						
Initial reading	33	33				
Private booster	false	false				
OffsetSide	Left	Right				
Offset_m	13.077	16.592				
Installation date	2018-12-18	2018-12-18				
Rotation						

Water Supply

Fitting:

Object ID	8931444	8931446	8931448	8931449	8931450	8931451
X	499099.817433	499119.169689	499146.829621	499171.626823	499196.168877	499260.544116
Y	7000517.295314	7000521.510627	7000517.220343	7000513.394203	7000509.615386	7000499.732341
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed
Notes						
Supporting File						
Type	Ready Tap	Ready Tap	Ready Tap	Ready Tap	Ready Tap	Ready Tap
Material	PVC	PVC	PVC	PVC	PVC	PVC
Lining	Unlined	Unlined	Unlined	Unlined	Unlined	Unlined
Protection	Plastic Wrapped	Plastic Wrapped	Plastic Wrapped	Plastic Wrapped	Plastic Wrapped	Plastic Wrapped
Bodysize_mm	150	150	150	150	150	150
Branchsize_mm	25	25	25	25	25	25
Rotation						



Water Supply

Fitting:

Object ID	8931452	8931454	8931455	8931456	8931458	8931459
X	499309.605483	499293.471939	499284.735435	499099.255658	499289.961344	499100.30024
Y	7000492.126384	7000517.835096	7000495.953852	7000513.659769	7000495.191158	7000513.553811
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed
Notes						
Supporting File						
Type	Ready Tap	Ready Tap	Ready Tap	Tee	Tee	Bend
Material	PVC	PVC	PVC	DI	DI	PVC
Lining	Unlined	Unlined	Unlined	Unlined	Unlined	Unlined
Protection	Plastic Wrapped	Plastic Wrapped	Plastic Wrapped	Plastic Wrapped	Plastic Wrapped	Plastic Wrapped
Bodysize_mm	150	150	150	150	150	150
Branchsize_mm	25	25	25	150	150	
Rotation						



Water Supply

Fitting:

Object ID	8931461	8931463	8931465	8931467	8931469	8931471
X	499103.267053	499105.447181	499103.307037	499101.304838	499101.20088	499100.87501
Y	7000518.451851	7000520.111187	7000540.747929	7000543.625777	7000543.936653	7000547.510223
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed
Notes						
Supporting File						
Type	Bend	Bend	Bend	Bend	Bend	Bend
Material	PVC	PVC	PVC	PVC	PVC	PVC
Lining	Unlined	Unlined	Unlined	Unlined	Unlined	Unlined
Protection	Plastic Wrapped	Plastic Wrapped	Plastic Wrapped	Plastic Wrapped	Plastic Wrapped	Plastic Wrapped
Bodysize_mm	150	150	150	150	150	150
Branchsize_mm						
Rotation						

Water Supply

Fitting:

Object ID	8931473	8931475	8931477	8931479	8931481	8931482
X	499111.268851	499117.175487	499117.175487	499098.922791	499184.919378	499159.216664
Y	7000521.793514	7000521.773522	7000521.773522	7000511.635579	7000511.353691	7000515.320104
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed
Notes						
Supporting File						
Type	Bend	Bend	Bend	Ready Tap	Ready Tap	Ready Tap
Material	PVC	PVC	PVC	PVC	PVC	PVC
Lining	Unlined	Unlined	Unlined	Unlined	Unlined	Unlined
Protection	Plastic Wrapped	Plastic Wrapped	Plastic Wrapped	Plastic Wrapped	Plastic Wrapped	Plastic Wrapped
Bodysize_mm	150	150	150	150	150	150
Branchsize_mm				25	25	25
Rotation						



Water Supply

Fitting:

Object ID	8931483	8931576	8931577			
X	499133.042138	499208.772833	499234.676467			
Y	7000519.364486	7000507.634179	7000503.685759			
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed	Newly Constructed			
Notes						
Supporting File						
Type	Ready Tap	Ready Tap	Ready Tap			
Material	PVC	PVC	PVC			
Lining	Unlined	Unlined	Unlined			
Protection	Plastic Wrapped	Plastic Wrapped	Plastic Wrapped			
Bodysize_mm	150	150	150			
Branchsize_mm	25	25	25			
Rotation						



Cadastre

Land Parcel Lot:

Object ID	8931299	8931300	8931301	8931302	8931303	8931304
X	499086.826892	499083.861673	499081.732797	499079.832015	499077.931234	499076.030452
Y	7000544.643009	7000525.377669	7000511.546143	7000499.196566	7000486.846989	7000474.497412
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed
Notes						
Supporting File						
Lot number	557	556	555	554	553	552
Plan number	SP288119	SP288119	SP288119	SP288119	SP288119	SP288119
Cancelled Lot Plan						
Titled Area(sqm)	623	448	399	399	399	400



Cadastre

Land Parcel Lot:

Object ID	8931305	8931306	8931307	8931308	8931309	8931310
X	499143.409435	499155.759012	499168.108589	499180.458166	499194.289692	499208.121219
Y	7000567.289149	7000565.388367	7000563.487585	7000561.586803	7000559.457928	7000557.329052
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed
Notes						
Supporting File						
Lot number	544	545	546	547	516	517
Plan number	SP288119	SP288119	SP288119	SP288119	SP288119	SP288119
Cancelled Lot Plan						
Titled Area(sqm)	399	399	399	399	448	448



Cadastre

Land Parcel Lot:

Object ID	8931311	8931312	8931313	8931314	8931315	8931316
X	499226.233153	499238.886837	499251.236417	499263.585997	499275.935577	499295.276523
Y	7000554.541359	7000554.616414	7000552.715653	7000550.814892	7000548.91413	7000539.869084
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed
Notes						
Supporting File						
Lot number	518	519	520	521	522	523
Plan number	SP288119	SP288119	SP288119	SP288119	SP288119	SP288119
Cancelled Lot Plan						
Titled Area(sqm)	586	424	424	424	424	678

Cadastre

Land Parcel Lot:

Object ID	8931317	8931318	8931319	8931320	8931321	8931322
X	499323.305421	499299.238676	499284.419183	499272.069606	499259.226046	499246.876469
Y	7000487.957213	7000492.230507	7000494.511445	7000496.412227	7000498.38904	7000500.289822
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed
Notes						
Supporting File						
Lot number	504	505	506	507	508	509
Plan number	SP288119	SP288119	SP288119	SP288119	SP288119	SP288119
Cancelled Lot Plan						
Titled Area(sqm)	891	494	412	429	412	412



Cadastre

Land Parcel Lot:

Object ID	8931323	8931324	8931325	8931326	8931327	8931328
X	499234.526892	499222.177316	499208.345789	499195.996212	499183.646635	499171.297058
Y	7000502.190603	7000504.091385	7000506.220261	7000508.121043	7000510.021825	7000511.922606
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed
Notes						
Supporting File						
Lot number	510	511	512	513	514	515
Plan number	SP288119	SP288119	SP288119	SP288119	SP288119	SP288119
Cancelled Lot Plan						
Titled Area(sqm)	412	462	412	412	412	412



Cadastre

Land Parcel Lot:

Object ID	8931329	8931330	8931331	8931332		
X	499158.947481	499146.597904	499132.766378	499118.934852		
Y	7000513.823388	7000515.72417	7000517.853046	7000519.981921		
Infrastructure code						
Owner						
Status	Newly Constructed	Newly Constructed	Newly Constructed	Newly Constructed		
Notes						
Supporting File						
Lot number	548	549	550	551		
Plan number	SP288119	SP288119	SP288119	SP288119		
Cancelled Lot Plan						
Titled Area(sqm)	412	462	461	515		

