Surface Water Manhole Schedule

Manhole Ref	Cover Level	Depth to Invert (M)	Depth to Soffit (M)	Pipe Out Dia (mm)	Pipe Out Invert Level	Pipe In Dia (mm)	Pipe In Invert Level	Manhole Type	Manhole Size (mm)	Cover Grade	Cover Type	Notes
S01	8.670	0.600	0.500	100	8.070	100	8.070	PPIC	250	B125	Recessed	
						100	8.070					
						100	8.070					
S02	8.560	0.610	0.510	100	7.950	100	7.965	PPIC	450	B125	Recessed	
						100	8.015					
S03	8.360	0.830	0.730	100	7.530	100	7.545	PPIC	450	B125	Recessed	
						100	7.595					
						100	7.595					
S04	8.400	1.075	0.975	100	7.325	100	7.340	PPIC	450	B125	Ductile Iron	
						100	7.390					
S05	8.300	1.275	1.125	150	7.025	100	7.090	PPIC	450	B125	Ductile Iron	
						100	7.090					
						100	7.090					
S06	8.160	1.255	1.105	150	6.905	150	6.920	PPIC	450	B125	Ductile Iron	
						100	6.970					
S07	8.000	1.275	1.125	150	6.725	150	6.740	PPIC	450	D400	Ductile Iron	
						100	6.790					
						100	6.790					
S08	7.800	1.570	1.345	225	6.230	150	6.305	Plastic	1200	D400	Ductile Iron	Catchpit
						100	6.355					
S09	7.500	1.920	1.695	225	5.580	-	-	Ex	Ex	D400	Ductile Iron	Exisiting Ringed Soakaway
S10	7.450	1.365	1.215	150	6.085	100	6.135	Plastic	1200	D400	Ductile Iron	Catchpit
						100	6.135					
						100	6.315					
S11	7.700	1.875	1.650	225	5.825	225	5.825	Plastic	1200	D400	Ductile Iron	Catchpit
						150	5.900					
						100	5.950					
						100	5.950					
S12	7.750	2.015	1.790	225	5.735	225	5.735	PC CONC	1200	D400	Ductile Iron	
						100	5.860					
S13	7.520	1.600	1.450	150	5.920	100	5.970	Plastic	1200	D400	Ductile Iron	
						100	5.970					
						100	5.970					
S14	7.600	1.915	1.690	225	5.685	225	5.685	PC CONC	1200	D400	Ductile Iron	
						150	5.760					
S15	7.700	1.610	1.460	150	6.090	-	-	Ex	Ex	D400	Ductile Iron	Exisiting Ringed Soakaway
S16	7.750	2.100	1.875	225	5.650	225	5.650	Plastic	1200	D400	Ductile Iron	Catchpit
						100	5.775					
						150	5.875					Connection from S15
S17	8.480	1.755	1.530	225	6.725	100	6.850	PC CONC	1200x900	D400	Ductile Iron	
						100	6.850					
						100	6.850					
						100	6.850					
						100	6.850					
S18	8.430	1.815	1.590	225	6.615	225	6.630	PPIC	600	D400	Ductile Iron	
						100	6.755					
						100	6.755					
S19	8.220	1.810	1.585	225	6.410	225	6.425	PPIC	600	D400	Ductile Iron	
						100	6.865					
S20	8.050	1.915	1.690	225	6.135	225	6.135	Plastic	1200	D400	Ductile Iron	Catchpit
						100	6.260					
S21	8.250	2.800	2.575	225	5.450	100	6.515	Plastic	1200	D400	Ductile Iron	Catchpit
				225	5.450	100	6.515					Vent to ST2
						100	6.515					Vent to ST3
						100	6.615					To Vent
S22	7.770	2.380	1.930	450	5.390	225	5.390	Plastic	1350	D400	Ductile Iron	Catchpit
						225	5.615					
S23	8.500	1.680	1.580	100	6.820	100	6.835	PPIC	450	D400	Ductile Iron	
S24	8.250	1.115	1.015	100	7.135	100	7.150	PPIC	450	D400	Ductile Iron	
						100	7.200					
S25	8.160	1.095	0.995	100	7.065	100	7.080	PPIC	450	D400	Ductile Iron	
S26	8.160	1.265	1.115	150	6.895	100	6.960	PPIC	450	D400	Ductile Iron	
						100	6.960					
						100	6.960					
S27	8.200	1.750	1.525	225	6.450	150	6.525	Plastic	1200	D400	Ductile Iron	Catchpit
						100	6.575					
						100	6.575					
						100	6.575					
S28	7.900	1.330	1.105	225	6.570	100	6.695	PC CONC	1200	D400	Ductile Iron	
						100	6.695					
						100	6.695					
						100	6.695					
S29	8.050	0.600	0.500	100	7.450	100	7.450	PPIC	250	D400	Ductile Iron	
						100	7.450					
S30	7.980	1.530	1.305	225	6.450	225	6.450	Plastic	1200	D400	Ductile Iron	Catchpit
						100	6.575					
						100	6.575					
						100	6.575					
S31	7.900	2.550	2.100	450	5.350	450	5.350	Plastic	1350	D400	Ductile Iron	Catchpit
						225	5.350					
S32	8.330	1.560	1.410	150	6.770	100	6.820	PC CONC	1200x900	D400	Ductile Iron	
						100	6.820					
						100	6.820					
S33	8.650	1.860	1.710	150	6.790	100	6.855	PPIC	450	B125	Recessed	
						100	6.855					
						100	6.855					
S34	8.530	1.780	1.680	100	6.750	100	6.765	PPIC	450	B125	Recessed	
						100	6.815					
S35	8.490	2.025	1.800	225	6.465	150	6.540	Plastic	1200	B125	Recessed	Catchpit
						150	6.540					
						100	6.590					
						100	6.590					
S36	8.380	2.035	1.810	225	6.345	225	6.345	Plastic	1200	D400	Ductile Iron	Catchpit
						150	6.420					
						100	6.470					
S37	8.000	0.600	0.500	100	7.400	100	7.415	PPIC	250	D400	Ductile Iron	
S38	7.750	2.485	2.035	450	5.265	450	5.265	Plastic	1200	D400	Ductile Iron	Catchpit
S39	8.350	1.875	1.725	150	6.475	100	6.525	Plastic	1200	D400	Ductile Iron	Catchpit

Surface Water Manhole Schedule

Manhole Ref	Cover Level	Depth to Invert (M)	Depth to Soffit (M)	Pipe Out Dia (mm)	Pipe Out Invert Level	Pipe In Dia (mm)	Pipe In Invert Level	Manhole Type	Manhole Size (mm)	Cover Grade	Cover Type	Notes
						100	6.525					
S40	8.280	1.805	1.655	150	6.475	100	6.525	Plastic	1200	D400	Ductile Iron	Catchpit
						100	6.525					
S41	8.050	2.700	2.475	225	5.350	225	5.350	Plastic	1200	D400	Ductile Iron	Catchpit
						100	5.475					
						100	6.490					Vent to ST5
						100	6.490					Vent to ST6
						100	6.590					To vent
S42	7.800	1.385	1.235	150	6.415	100	6.465	Plastic	1200	D400	Ductile Iron	Catchpit
						100	6.465					
S43	8.300	1.585	1.435	150	6.715	100	6.780	PPIC	450	B125	Recessed	
						100	6.780					
						100	6.780					
S44	8.530	2.400	2.175	225	6.130	150	6.205	Plastic	1200	B125	Recessed	Catchpit
						100	6.255					
						100	6.255					
						100	6.255					
S45	8.330	1.570	1.470	100	6.760	100	6.775	PPIC	450	D400	Ductile Iron	
						100	6.825					
S46	8.340	1.645	1.495	150	6.695	100	6.660	PPIC	450	D400	Ductile Iron	
						100	6.660					
						100	6.660					
						100	6.660					
S47	8.390	2.425	2.200	225	5.965	225	5.965	Plastic	1200	D400	Ductile Iron	Catchpit
						150	6.040					
						100	6.090					
S48	8.390	2.560	2.335	225	5.830	225	5.830	Plastic	1200	D400	Ductile Iron	Catchpit
						100	5.955					
S49	8.050	2.700	2.475	225	5.350	100	6.510	Plastic	1200	D400	Ductile Iron	Catchpit. Vent to ST6
				225	5.350	100	6.510					Vent to ST7a
S50	8.000	0.600	0.500	100	7.400	100	7.415	PPIC	4500	D400	Ductile Iron	
S51	7.580	2.395	1.945	450	5.185	450	5.185	Plastic	1350	D400	Ductile Iron	Catchpit
						225	5.185					
						150	5.485					
S52	8.200	1.690	1.465	225	6.510	100	6.635	PC CONC	1200	D400	Ductile Iron	
						100	6.635					
						100	6.635					
						100	6.635					
S53	8.290	1.840	1.615	225	6.450	225	6.450	PC CONC	1200	D400	Ductile Iron	
						100	6.575					
						100	6.575					
						100	6.575					
S54	8.340	1.960	1.735	225	6.380	225	6.380	Plastic	1200	D400	Ductile Iron	Catchpit
						100	6.505					
S55	7.850	1.245	1.095	150	6.605	100	6.655	Plastic	1200	D400	Ductile Iron	Catchpit
						100	6.655					
						100	6.655					
S56	7.800	0.600	0.500	100	7.200	100	7.215	PPIC	250	D400	Ductile Iron	
						100	7.215					
S57	8.330	2.005	1.905	100	6.325	100	6.340	PPIC	450	D400	Ductile Iron	
						100	6.390					
						100	6.390					
S58	8.300	2.100	1.950	150	6.200	100	6.265	PPIC	450	D400	Ductile Iron	
						100	6.265					
						100	6.265					
S59	8.100	2.070	1.920	150	6.030	150	6.045	PPIC	450	D400	Ductile Iron	
						100	6.095					
S60	8.240	2.090	1.940	150	6.150	100	6.215	PPIC	450	D400	Ductile Iron	
						100	6.215					
						100	6.215					
						100	5.790					
S61	8.150	2.105	1.955	150	6.045	150	6.060	PPIC	450	D400	Ductile Iron	
						100	6.110					
S62	8.050	2.255	2.030	225	5.795	150	5.860	PC CONC	1200	D400	Ductile Iron	
						150	5.860					
						100	5.910					
S68	8.080	0.700	0.600	100	7.380	100	7.395	PPIC	450	B125	Ductile Iron	
						100	7.445					
S69	8.200	1.120	1.020	100	7.080	100	7.095	PPIC	450	B125	Recessed	
						100	7.145					
						100	7.145					
						100	7.145					
S70	7.820	1.040	0.890	150	6.780	100	6.845	PPIC	450	B125	Recessed	
						100	6.845					
S71	7.800	1.060	0.910	150	6.740	150	6.755	PPIC	450	B125	Recessed	
						100	6.805					
						100	6.805					
						100	6.805					
S72	7.500	0.920	0.770	150	6.580	150	6.595	PPIC	450	B125	Recessed	
						100	6.645					
						100	6.645					
S73	7.400	0.890	0.740	150	6.510	150	6.525	PPIC	450	B125	Recessed	
						100	6.575					
						100	6.575					
						100	6.575					
S74	7.330	0.870	0.720	150	6.460	150	6.475	PPIC	450	B125	Recessed	
						100	6.525					
S75	7.330	0.970	0.820	150	6.360	150	6.375	PPIC	450	B125	Recessed	
						100	6.425					
						100	6.425					
S76	7.330	1.120	0.970	150	6.210	150	6.225	PPIC	450	B125	Recessed	
						100	6.275					
						100	6.275					
S77	7.030	0.730	0.580	150	6.300	100	6.365	PPIC	450	B125	Recessed	
S78	7.030	0.795	0.645	150	6.235	150	6.250	PPIC	450	B125	Recessed	
						100	6.300					
						100	6.300					
S79	7.250	1.155	0.930	225	6.095	150	6.170	PC CONC	1200x900	B125	Recessed	
						150	6.170					
						100	6.220					

NOTES:

1. This drawing is to be read in conjunction with all other SWP drawings, and with all relevant architect's and engineer's drawings and specification and any discrepancies found are to be reported immediately to the engineer.
2. No dimensions are to be scaled from this drawing. unless noted otherwise all dimensions are in millimeters and all levels are in metres from the site datum.
3. All dimensions to be checked on site. All details and dimensions relating to sub-contractors work must be checked and agreed between the sub-contractor or supplier and the general contractor.
4. The electronic information from this drawing can not be guaranteed as dimensionally drawn exact. figured dimensions must be used for setting out and detailing. swp logos and company information must be removed from copies if information is re-used.
5. The main contractor is responsible for the design of all temporary works, and is also responsible for the safe maintenance and stability of existing buildings at all times.
6. The main contractor is responsible for all occurrences of ground water during the construction period.
7. Any information given regarding existing underground services is given in good faith after consultation with the relevant authority, however accuracy is not certain. The main contractor is responsible for checking all information on site prior to work commencing and taking due care and attention whilst undertaking the works.
8. The contractor must comply with all current legislation relating to health & safety.
9. All products specified shall be installed in strict accordance with the manufacturers recommendations and instructions. If there are discrepancies between that information and the details on any swp drawings, the manufacturers instructions must be used.

All connections to the public sewer are subject to s106 with Southern Water.

Cover levels shown are indicative only and subject to final adjustment on site

Core areas around lift pits to have land drains with free draining granular material to connect to surface water drainage system.

REV.	DATE	DESCRIPTION
C01	23.05.2025	STAGE 5 ISSUE
P01	06.08.2024	PRELIMINARY ISSUE

SUITABLE FOR APPROVAL

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JOB TITLE: UNION GARDENS WORTHING, SUSSEX

DRAWING TITLE: MANHOLE SCHEDULE SHEET 2 OF 3

SCALE AT A1	DATE	DRAWN
1-200	AUG 2024	CRS
	ENG. CRS	CHECKED RP

RIBA STATUS: STAGE 5 - CONSTRUCTION

DRAWING STATUS: S4 — DRAWING SUITABILITY: FOR APPROVAL

JOB No.	DRAWING No. (PROJECT - ORIGINATOR - VOLUME - LEVEL - FORM - DISCIPLINE - NUMBER)	REV.
E8513	8513-SWP-XX-XX-SH-C-1152	C01