

Roger Casey Associates

Consulting Civil & Structural Engineers

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Project:

**RESIDENTIAL DEVELOPMENT AT FORMER CLUN
PRIMARY SCHOOL, CLYNE, NEATH SA11 4BW**

Job No.:

19787

Date:

12/07/2019

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Schedule No. :

SW1

Title:

Surface Water Drainage

Rev: **A**

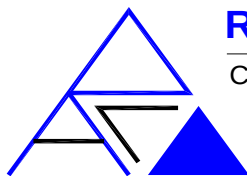
Chamber Schedule

Status: -

CHAMBER REF.	COVER LEVEL	INVERT LEVEL	PIPE DIA.	INVERT DEPTH	SOFFIT DEPTH	CHAMBER SIZE (mm)	CHAMBER TYPE	CHAMBER MATERIAL	COVER SIZE	COVER GRADE	COMMENTS / ADDITIONAL INFORMATION	REV.
S1	40.664	39.039	300	1.625	1.325	1240x750	C	BRICK/CONC.	1220x685x100	D400		
S2	41.095	38.972	300	2.123	1.823	1200	2	CONCRETE	675x675x100	D400		
S3	41.434	38.927	300	2.507	2.207	1200	2	CONCRETE	675x675x100	D400		
S4	41.975	40.975	100	1.000	0.900	100	RE	PLASTIC	100	A15		
S5	41.975	40.883	100	1.092	0.992	450	3	PLASTIC	450	B125		
S6	41.600	40.600	100	1.000	0.900	450	3	PLASTIC	450	B125		
S7	41.803	38.882	300	2.921	2.621	450	3	PLASTIC	675x675x100	D400	150mm CONCRETE SURROUND	A
S8	42.181	38.837	300	3.344	3.044	1200	1B	CONCRETE	675x675x100	D400		A
S9	42.125	41.125	100	1.000	0.900	100	RE	PLASTIC	100	B125		
S10	42.048	41.000	100	1.048	0.948	450	3	PLASTIC	450	B125		
S11	42.550	41.550	100	1.000	0.900	100	RE	PLASTIC	100	B125		
S12	42.450	41.450	100	1.000	0.900	450	3	PLASTIC	450	B125		
S13	42.685	41.406	100	1.279	1.179	450	3	PLASTIC	450	A15		
S14	42.685	41.373	100	1.312	1.212	450	3	PLASTIC	450	A15		
S15	42.550	41.550	100	1.000	0.900	100	RE	PLASTIC	100	B125		
S16	42.700	41.405	100	1.295	1.195	450	3	PLASTIC	450	B125		
S17	42.488	38.791	300	3.697	3.397	1200	1B	CONCRETE	675x675x100	D400		
S18	42.850	42.400	100	0.450	0.350	100	RE	PLASTIC	100	A15		
S19	42.850	41.650	100	1.200	1.100	450	3	PLASTIC	450	B125		
S20	42.800	41.556	100	1.244	1.144	450	3	PLASTIC	450	B125		
S21	42.850	42.400	100	0.450	0.350	100	RE	PLASTIC	100	A15		
S22	42.850	41.650	100	1.200	1.100	450	3	PLASTIC	450	B125		
S23	42.750	41.591	100	1.159	1.059	450	3	PLASTIC	450	B125		

NOTES

1. WHERE DEPTH TO INVERT GREATER THAN 1m ON TYPE 3 AND 4 CHAMBERS - PROVIDE ACCESS RESTRICTOR REDUCING APERTURE TO 350mm DIAMETER OR 300x300mm.
2. ALL CONNECTION INVERT LEVELS WITH EXISTING DRAINAGE NETWORKS AT POINT OF DISCHARGE, DIVERSION, ETC. SHALL BE CHECKED AND VERIFIED PRIOR TO COMMENCEMENT OF ANY PIPE LAYING WORKS BY THE CONTRACTOR.
3. REFER TO RCA DRAINAGE CONSTRUCTION DETAILS FOR PLASTIC CHAMBER AND ALL OTHER NOTES - IF IN DOUBT ASK. NO EXTERNAL BACKDROP ON PLASTIC CHAMBERS.



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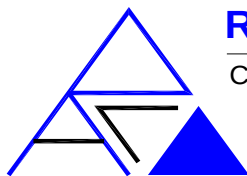
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S24	42.609	38.721	300	3.888	3.588	1200	1B	CONCRETE	675x675x100	D400		
S25	42.700	42.250	100	0.450	0.350	100	RE	PLASTIC	100	A15		
S26	42.700	41.500	100	1.200	1.100	450	3	PLASTIC	450	B125		
S27	48.800	41.448	100	7.352	7.252	450	3	PLASTIC	450	B125		
S28	42.425	41.381	100	1.044	0.944	450	3	PLASTIC	450	B125		
S29	42.700	42.250	100	0.450	0.350	100	RE	PLASTIC	100	A15		
S30	42.233	38.563	300	3.670	3.370	1200	1B	CONCRETE	675x675x100	D400		
S31	42.550	42.100	100	0.450	0.350	100	RE	PLASTIC	100	A15		
S32	42.420	41.220	100	1.200	1.100	450	3	PLASTIC	450	B125		
S33	42.560	41.172	100	1.388	1.288	450	3	PLASTIC	450	B125		
S34	42.450	41.106	100	1.344	1.244	450	3	PLASTIC	450	B125		
S35	42.550	42.100	100	0.450	0.350	100	RE	PLASTIC	100	A15		
S36	42.350	41.900	100	0.450	0.350	100	RE	PLASTIC	100	A15		
S37	42.360	41.095	100	1.265	1.165	450	3	PLASTIC	450	B125		
S38	42.320	40.886	100	1.434	1.334	450	3	PLASTIC	450	B125		
S39	42.350	41.900	100	0.450	0.350	100	RE	PLASTIC	100	A15		
S40	41.840	38.406	225	3.434	3.209	1200	1B	CONCRETE	675x675x100	D400		
S41	42.150	41.700	100	0.450	0.350	100	RE	PLASTIC	100	A15		
S42	42.230	41.230	100	1.000	0.900	450	3	PLASTIC	450	B125		
S43	42.230	41.030	100	1.200	1.100	450	3	PLASTIC	450	B125		
S44	42.175	40.966	100	1.209	1.109	450	3	PLASTIC	450	B125		
S45	42.150	41.700	100	0.450	0.350	100	RE	PLASTIC	100	A15		
S46	42.075	40.858	100	1.217	1.117	450	3	PLASTIC	450	B125		

NOTES

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2. ALL CONNECTION INVERT LEVELS WITH EXISTING DRAINAGE NETWORKS AT POINT OF DISCHARGE, DIVERSION, ETC. SHALL BE CHECKED AND VERIFIED PRIOR TO COMMENCEMENT OF ANY PIPE LAYING WORKS BY THE CONTRACTOR.
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S47	42.050	41.600	100	0.450	0.350	100	RE	PLASTIC	100	A15		
S48	41.921	40.921	100	1.000	0.900	450	3	PLASTIC	450	B125		
S49	41.587	38.304	300	3.283	2.983	1200	1B	CONCRETE	675x675x100	D400		
S50	42.050	41.600	100	0.450	0.350	100	RE	PLASTIC	100	A15		
S51	42.050	41.050	100	1.000	0.900	450	3	PLASTIC	450	B125		
S52	42.050	40.756	100	1.294	1.194	450	3	PLASTIC	450	B125		
S53	42.050	40.674	100	1.376	1.276	450	3	PLASTIC	450	B125		
S54	42.050	41.600	100	0.450	0.350	100	RE	PLASTIC	100	A15		
S55	41.610	40.310	100	1.300	1.200	450	3	PLASTIC	450	B125		
S56	41.409	38.231	300	3.178	2.878	1200	1B	CONCRETE	675x675x100	D400		
S57	42.450	42.000	100	0.450	0.350	100	RE	PLASTIC	100	A15		
S58	42.450	41.550	100	0.900	0.800	450	3	PLASTIC	450	A15		
S59	42.550	41.293	100	1.257	1.157	450	3	PLASTIC	450	A15		
S60	42.450	41.450	100	1.000	0.900	100	RE	PLASTIC	100	A15		
S61	42.450	41.339	100	1.111	1.011	450	3	PLASTIC	450	B125		
S62	42.300	41.850	100	0.450	0.350	100	RE	PLASTIC	100	A15		
S63	42.300	41.300	100	1.000	0.900	450	3	PLASTIC	450	A15		
S64	42.650	41.237	100	1.413	1.313	450	3	PLASTIC	450	B125		
S65	42.300	41.850	100	0.450	0.350	100	RE	PLASTIC	100	A15		
S66	42.300	41.100	100	1.200	1.100	450	3	PLASTIC	450	A15		
S67	42.075	40.875	100	1.200	1.100	450	3	PLASTIC	450	B125		
S68	42.075	41.625	100	0.450	0.350	100	RE	PLASTIC	100	A15		
S69	42.240	40.760	100	1.480	1.380	450	3	PLASTIC	450	B125		

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S70	42.075	41.625	100	0.450	0.350	100	RE	PLASTIC	450	A15		
S71	42.075	41.075	100	1.000	0.900	450	3	PLASTIC	450	B125		
S72	41.750	41.300	100	0.450	0.350	100	RE	PLASTIC	100	A15		
S73	41.750	40.750	100	1.000	0.900	450	3	PLASTIC	450	B125		
S74	41.750	40.680	100	1.070	0.970	450	3	PLASTIC	450	A15		
S75	41.850	40.412	100	1.438	1.338	450	3	PLASTIC	450	B125		
S76	41.500	41.050	100	0.450	0.350	100	RE	PLASTIC	100	A15		
S77	41.500	40.963	100	0.537	0.437	450	3	PLASTIC	450	A15		
S78	41.500	40.450	100	1.050	0.950	450	3	PLASTIC	450	B125		
S79	41.750	41.300	100	0.450	0.350	100	RE	PLASTIC	100	A15		
S80	41.500	40.542	100	0.958	0.858	100	RE	PLASTIC	100	A15		
S81	41.250	40.800	100	0.450	0.350	100	RE	PLASTIC	100	A15		
S82	41.250	40.713	100	0.537	0.437	450	3	PLASTIC	450	A15		
S83	41.250	40.250	100	1.000	0.900	450	3	PLASTIC	450	A15		
S84	41.590	40.173	100	1.417	1.317	450	3	PLASTIC	450	B125		
S85	41.250	37.632	300	3.618	3.318	2100	ATTENUATOR	CONCRETE	2/675x675x100	D400	WEIR CILL 40.059 / OVERFLOW 39.759	
S86	41.250	37.582	150	3.668	3.518	1200	1B	CONCRETE	675x675x100	D400		
S87	40.000	37.415	150	2.585	2.435	1200	2	CONCRETE	675x675x100	D400		
S88	41.000	37.765	300	3.235	2.935	1200	1B	CONCRETE	675x675x100	D400		
S89	41.250	38.012	300	3.238	2.938	1200	1B	CONCRETE	675x675x100	D400		
S90	41.250	38.112	300	3.138	2.838	1200	1B	CONCRETE	675x675x100	D400		

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