

HW1	COVER	I	A	71.325m	S7	COVER	I	A	74.947m	S18	COVER	I	A	75.380m
	N	B				COVER	I	A	74.880m		COVER	I	A	75.455m
	V	C				DIAMETER	N	B	75.097m		DIAMETER	N	B	75.455m
	E	R	D			DIAMETER	N	B	75.097m		DIAMETER	N	B	75.455m
	Type B	T	E			1350mm	N	B	75.097m		1350mm	N	B	75.455m
HW2	COVER	I	A	71.325m	S8	COVER	I	A	74.751m	S19	COVER	I	A	75.025m
	N	B				COVER	I	A	74.751m		COVER	I	A	75.025m
	V	C				DIAMETER	N	B	74.826m		DIAMETER	N	B	75.025m
	E	R	D			DIAMETER	N	B	74.826m		DIAMETER	N	B	75.025m
	Type B	T	E			1350mm	N	B	74.826m		1350mm	N	B	75.025m
HW5	COVER	I	A	71.325m	S9	COVER	I	A	73.711m	S20	COVER	I	A	74.768m
	N	B				COVER	I	A	73.711m		COVER	I	A	74.768m
	V	C				DIAMETER	N	B	74.826m		DIAMETER	N	B	74.918m
	E	R	D			DIAMETER	N	B	74.826m		DIAMETER	N	B	74.918m
	Type B	T	E			1350mm	N	B	74.826m		1350mm	N	B	74.918m
S1	COVER	I	A	77.199m	S10	COVER	I	A	72.825m	S21	COVER	I	A	75.511m
	N	B				COVER	I	A	72.825m		COVER	I	A	75.511m
	V	C				DIAMETER	N	B	74.815m		DIAMETER	N	B	74.815m
	E	R	D			DIAMETER	N	B	74.815m		DIAMETER	N	B	74.815m
	Type C	T	E			1200mm	N	B	74.815m		1200mm	N	B	74.815m
S2	COVER	I	A	77.037m	S11	COVER	I	A	72.436m	S22	COVER	I	A	75.186m
	N	B				COVER	I	A	72.436m		COVER	I	A	75.186m
	V	C				DIAMETER	N	B	74.957m		DIAMETER	N	B	74.957m
	E	R	D			DIAMETER	N	B	74.957m		DIAMETER	N	B	74.957m
	Type C	T	E			1500mm	N	B	74.957m		1500mm	N	B	74.957m
S3	COVER	I	A	76.891m	S12	COVER	I	A	72.757m	S23	COVER	I	A	74.606m
	N	B				COVER	I	A	72.757m		COVER	I	A	74.606m
	V	C				DIAMETER	N	B	74.500m		DIAMETER	N	B	74.500m
	E	R	D			DIAMETER	N	B	74.500m		DIAMETER	N	B	74.500m
	Type C	T	E			1350mm	N	B	74.500m		1350mm	N	B	74.500m
S4	COVER	I	A	76.75m	S13	COVER	I	A	72.535m	S24	COVER	I	A	74.334m
	N	B				COVER	I	A	72.535m		COVER	I	A	74.334m
	V	C				DIAMETER	N	B	74.669m		DIAMETER	N	B	74.334m
	E	R	D			DIAMETER	N	B	74.669m		DIAMETER	N	B	74.334m
	Type C	T	E			1350mm	N	B	74.669m		1500mm	N	B	74.334m
S5	COVER	I	A	75.086m	S14	COVER	I	A	72.203m	S25	COVER	I	A	73.756m
	N	B				COVER	I	A	72.203m		COVER	I	A	73.756m
	V	C				DIAMETER	N	B	72.353m		DIAMETER	N	B	73.756m
	E	R	D			DIAMETER	N	B	72.353m		DIAMETER	N	B	73.756m
	Type C	T	E			1500mm	N	B	72.353m		1350mm	N	B	73.756m
S6	COVER	I	A	75.338m	S15	COVER	I	A	71.941m	S26	COVER	I	A	73.261m
	N	B				COVER	I	A	71.941m		COVER	I	A	73.261m
	V	C				DIAMETER	N	B	74.983m		DIAMETER	N	B	73.261m
	E	R	D			DIAMETER	N	B	74.983m		DIAMETER	N	B	73.261m
	Type C	T	E			1500mm	N	B	74.983m		1350mm	N	B	73.261m
S16	COVER	I	A	76.086m	S17	COVER	I	A	75.544m	S27	COVER	I	A	71.876m
	N	B				COVER	I	A	75.544m		COVER	I	A	71.876m
	V	C				DIAMETER	N	B	77.511m		DIAMETER	N	B	71.952m
	E	R	D			DIAMETER	N	B	77.511m		DIAMETER	N	B	71.952m
	Type C	T	E			1350mm	N	B	77.511m		1500mm	N	B	71.876m
S17	COVER	I	A	75.544m	S18	COVER	I	A	75.544m	S28	COVER	I	A	72.984m
	N	B				COVER	I	A	75.544m		COVER	I	A	72.984m
	V	C				DIAMETER	N	B	74.484m		DIAMETER	N	B	72.984m
	E	R	D			DIAMETER	N	B	74.484m		DIAMETER	N	B	72.984m
	Type C	T	E			1350mm	N	B	74.484m		1350mm	N	B	72.984m

S29	COVER	I	A	73.032m	S30	COVER	I	A	72.712m
	N	B				COVER	I	A	72.712m
	V	C				DIAMETER	N	B	72.937m
	E	R	D			DIAMETER	N	B	72.937m
	Type C	T	E			1350mm	N	B	72.937m
S31	COVER	I	A	72.643m	S32	COVER	I	A	70.77m
	N	B				COVER	I	A	70.77m
	V	C				DIAMETER	N	B	70.77m
	E	R	D			DIAMETER	N	B	70.77m
	Type B	T	E			1350mm	N	B	70.77m
spur1	COVER	I	A	73.00m	spur2	COVER	I	A	72.80m
	N	B				COVER	I	A	72.80m
	V	C				DIAMETER	N	B	74.421m
	E	R	D			DIAMETER	N	B	74.421m
	Type C	T	E			1350mm	N	B	74.421m
spur3	COVER	I	A	73.00m	spur4	COVER	I	A	73.00m
	N	B				COVER	I	A	73.00m
	V	C				DIAMETER	N	B	75.137m
	E	R	D			DIAMETER	N	B	75.137m
	Type C	T	E			1350mm	N	B	75.137m

MH No.	MANHOLE DIMENSION (mm)	MANHOLE TYPE	COVER TYPE	COVER LEVEL (m)	INVERT LEVEL (m)	DEPTH TO SOFTT (m)	EASTING (m)	NORTHING (m)
HW1	Headwall			71.325	71.325		400915.385	171460.504
HW2	Headwall			71.325	71.325		400876.088	171437.142
HW4	Headwall			71.325	71.325		400927.968	171451.250
S1	1350	type C	D400	78.724	77.199	1.300	400915.964	171634.687
S2	1350	type C	D400	78.637	77.037	1.300	400923.041	171640.936
S3	1350	type C	D400	78.441	76.891	1.250	400935.507	171645.229
S4	1350	type C	D400	78.250	76.750	1.200	400941.543	171642.538
S5	1350	type C	D400	76.336	75.086	1.200	400955.683	171602.611
S6	1350	type C	D400	76.838	75.338	1.200	400921.340	171572.482
S7	1350	type C	D400	76.597	74.947	1.200	400941.588	171586.139
S8	1350	type C	D400	76.476	74.751	1.200	400957.856	171591.741
S9	1350	type C	D400	75.436	73.711	1.200	400971.394	171552.033
S10	1200	type B	D400	74.815	72.825	1.690	400992.278	171538.641
S11	1500	type B	D400	74.957	72.436	1.921	400979.934	171533.753
S12	1350	type C	D400	74.500	72.757	1.443	400996.889	171484.566
S13	1350	type B	D400	74.669	72.535	1.684	400988.248	171496.088
S14	1500	type B	D400	75.085	72.203	2.282	400968.576	171526.644
S15	1500	type B	D400	74.983	71.941	2.442	400923.877	171498.665
S16	1350	type C	D400	77.511	76.086	1.200	400928.316	171538.806
S17	1350	type C	D400	76.969	75.544	1.200	400826.137	171523.361
S18	1350	type C	D400	76.880	75.380	1.200	400833.661	171528.070
S19	1350	type C	D400	76.525	75.025	1.200	400863.768	171546.915
S20	1350	type C	D400	76.512	74.768	1.294	400973.980	171550.075
S21	1350	type C	D400	77.036	75.511	1.300	400891.982	171561.926
S22	1350	type C	D400	76.636	75.186	1.300	400893.763	171553.881
S23	1350	type C	D400	76.431	74.606	1.300	400880.530	171544.955
S24	1500	type C	D400	76.159	74.334	1.300	400885.814	171533.429
S25	1350	type C	D400	75.481	73.756	1.200	400899.287	171510.412
S26	1350	type C	D400	75.086	73.261	1.300	400908.664	171495.432
S27	1500	type B	D400	74.766	71.876	2.289	400915.276	171489.089
S28	1350	type C	D400	74.484	72.984	1.200	400891.975	171469.686
S29	1350	type C	D400	74.557	73.032	1.300	400845.610	171439.173
S30	1350	type B	D400	74.793	72.712	1.631	400857.418	171447.144
S31	1350	type B	D400	74.859	72.643	1.766	400866.003	171452.891
S32	1350	type C	D400	72.620	70.770	1.475	400888.090	171390.173
spur1				74.620	73.000	1.395	401010.744	171544.454
spur2				74.421	72.800	1.321	400999.153	171478.916
spur3				75.137	73.000	1.837	400850.842	171457.908

F1	COVER	I	A	76.568m	F15	COVER	I	A	71.187m
	N	B				COVER	N	B	71.187m
	V	C				DIAMETER	N	B	
	E	R	D			DIAMETER	N	B	
	Type B	T	E			1200mm	N	B	
<					<				
F2	COVER	I	A	76.341m	F16	COVER	I	A	74.548m
	N	B	76.421m			COVER	N	B	
	V	C				DIAMETER	N	B	
	E	R	D			DIAMETER	N	B	
	Type B	T	E			1200mm	N	B	
<					<				
F3	COVER	I	A	76.198m	F17	COVER	I	A	74.174m
	N	B	76.198m			COVER	N	B	74.174m
	V	C				DIAMETER	N	B	
	E	R	D			DIAMETER	N	B	
	Type B	T	E			1200mm	N	B	
<					<				
F4	COVER	I	A	75.988m	F18	COVER	I	A	75.030m
	N	B	76.057m			COVER	N	B	
	V	C				DIAMETER	N	B	
	E	R	D			DIAMETER	N	B	
	Type B	T	E			1200mm	N	B	
<					<				
F5	COVER	I	A	74.463m	F19	COVER	I	A	74.620m
	N	B	74.463m			COVER	N	B	74.620m
	V	C				DIAMETER	N	B	
	E	R	D			DIAMETER	N	B	
	Type B	T	E			1200mm	N	B	
<					<				
F6	COVER	I	A	74.682m	F20	COVER	I	A	74.08m
	N	B				COVER	N	B	74.08m
	V	C				DIAMETER	N	B	74.08m
	E	R	D			DIAMETER	N	B	
	Type B	T	E			1200mm	N	B	
<					<				
F7	COVER	I	A	74.464m	F21	COVER	I	A	73.87m
	N	B	74.464m			COVER	N	B	73.87m
	V	C				DIAMETER	N	B	
	E	R	D			DIAMETER	N	B	
	Type B	T	E			1200mm	N	B	
<					<				
F8	COVER	I	A	74.139m	F22	COVER	I	A	73.261m
	N	B	74.139m			COVER	N	B	73.261m
	V	C				DIAMETER	N	B	
	E	R	D			DIAMETER	N	B	
	Type B	T	E			1200mm	N	B	
<					<				
F9	COVER	I	A	73.771m	F23	COVER	I	A	71.081m
	N	B	73.77m			COVER	N	B	71.085m
	V	C				DIAMETER	N	B	71.081m
	E	R	D			DIAMETER	N	B	
	Type B	T	E			1200mm	N	B	
<					<				
F10	COVER	I	A	73.257m	F24	COVER	I	A	70.994m
	N	B	73.257m			COVER	N	B	70.994m
	V	C				DIAMETER	N	B	
	E	R	D			DIAMETER	N	B	
	Type B	T	E			1200mm	N	B	
<					<				
F11	COVER	I	A	72.119m	F25	COVER	I	A	70.613m
	N	B	72.119m			COVER	N	B	70.613m
	V	C				DIAMETER	N	B	70.613m
	E	R	D			DIAMETER	N	B	
	Type B	T	E			1200mm	N	B	
<					<				
F12	COVER	I	A	72.211m	F26	COVER	I	A	70.441m
	N	B	72.211m			COVER	N	B	70.441m
	V	C				DIAMETER	N	B	
	E	R	D			DIAMETER	N	B	
	Type B	T	E			1200mm	N	B	
<					<				
F13	COVER	I	A	72.036m	F27	COVER	I	A	70.302m
	N	B	72.036m			COVER	N	B	70.302m
	V	C				DIAMETER	N	B	
	E	R	D			DIAMETER	N	B	
	Type B	T	E			1200mm	N	B	
<					<				
F14	COVER	I	A	71.575m	FSPUR1	COVER	I	A	72.50m
	N	B	71.575m			COVER	N	B	
	V	C				DIAMETER	N	B	
	E	R	D			DIAMETER	N	B	
	Type A	T	E			1200mm	N	B	
<					<				
FSPUR2	COVER	I	A	72.322m	FSPUR3	COVER	I	A	72.00m
	N	B				COVER	N	B	
	V	C				DIAMETER	N	B	
	E	R	D			DIAMETER	N	B	
	Type B	T	E			1200mm	N	B	
<					<				