DWG No. 191183/510/01

FOUL MANHOLE SCHEDULE

MH Ref	MH Internal Diameter	Cover Level	Depth of MH	MH Type	MH Cover	Pipe Connections	Comments
FW 1	450 mm	11.243 m	0.708 m	PVC	Min Opening 430 x 430 Grade B125	No of pipe connections 2 FW 1.00 100 mm Dia IL=10.535 m FW 1.01 100 mm Dia IL=10.535 m	
FW 2	450 mm	11.200 m	0.740 m	PVC	Min Opening 430 x 430 Grade D400	No of pipe connections 3 FW 1.01 100 mm Dia IL=10.460 m FW 2.00 100 mm Dia IL=10.675 m FW 1.02 100 mm Dia IL=10.460 m	
FW 3	450 mm	11.301 m	0.946 m	PVC	Min Opening 430 x 430 Grade D400	No of pipe connections 3 FW 1.02 100 mm Dia IL=10.355 m FW 3.00 100 mm Dia IL=10.570 m FW 1.03 100 mm Dia IL=10.355 m	
FW 4	450 mm	11.315 m	1.110 m	PVC	Min Opening 430 x 430 Grade B125	No of pipe connections 3 FW 1.03 100 mm Dia IL=10.255 m FW 4.00 100 mm Dia IL=10.470 m FW 1.04 150 mm Dia IL=10.205 m	
FW 5	450 mm	11.407 m	1.237 m	PVC	Max Opening 300 x 300 Grade B125	No of pipe connections 3 FW 1.04 150 mm Dia IL=10.170 m FW 5.00 100 mm Dia IL=10.435 m FW 1.05 150 mm Dia IL=10.170 m	
FW 6	450 mm	11.385 m	1.265 m	PVC	Max Opening 300 x 300 Grade D400	No of pipe connections 3 FW 1.05 150 mm Dia IL=10.120 m FW 6.00 100 mm Dia IL=10.385 m FW 1.06 150 mm Dia IL=10.120 m	
FW 7	450 mm	11.435 m	1.380 m	PVC	Max Opening 300 x 300 Grade D400	No of pipe connections 3 FW 1.06 150 mm Dia IL=10.055 m FW 7.00 100 mm Dia IL=10.320 m FW 1.07 150 mm Dia IL=10.055 m	
FW 8	450 mm	11.460 m	1.460 m	PVC	Max Opening 300 x 300 Grade B125	No of pipe connections 3 FW 1.07 150 mm Dia IL=10.000 m FW 8.00 100 mm Dia IL=10.265 m FW 1.08 150 mm Dia IL=10.000 m	
FW 9	450 mm	10.878 m	0.708 m	PVC	Min Opening 430 x 430 Grade D400	No of pipe connections 2 FW 9.00 100 mm Dia IL=10.170 m FW 9.01 100 mm Dia IL=10.170 m	
FW 10	450 mm	10.934 m	0.844 m	PVC	Min Opening 430 x 430 Grade B125	No of pipe connections 3 FW 9.01 100 mm Dia IL=10.090 m FW 10.00 100 mm Dia IL=10.355 m FW 9.02 100 mm Dia IL=10.090 m	
FW 11	450 mm	10.934 m	0.974 m	PVC	Min Opening 430 x 430 Grade B125	No of pipe connections 3 FW 9.02 100 mm Dia IL=10.010 m FW 11.00 100 mm Dia IL=10.280 m FW 9.03 150 mm Dia IL=9.960 m	
FW 12	450 mm	10.883 m	0.963 m	PVC	Min Opening 430 x 430 Grade D400	No of pipe connections 3 FW 9.03 150 mm Dia IL=9.920 m FW 12.00 100 mm Dia IL=10.240 m FW 9.04 150 mm Dia IL=9.920 m	
FW 13	450 mm	11.181 m	1.341 m	PVC	Max Opening 300 x 300 Grade B125	No of pipe connections 3 FW 9.04 150 mm Dia IL=9.840 m FW 1.08 150 mm Dia IL=9.840 m FW 1.09 150 mm Dia IL=9.840 m	
FW 14	450 mm	11.201 m	1.371 m	PVC	Max Opening 300 x 300 Grade B125	No of pipe connections 2 FW 1.09 150 mm Dia IL=9.830 m FW 1.10 150 mm Dia IL=9.830 m	
FW 15 (P)	1,250 mm	11.231 m	2.475 m	GRP	1000 x 750 Grade D400	No of pipe connections 2 FW 1.11 150 mm Dia IL=9.685 m FW 1.12 90 mm Dia IL=10.270 m	GRP Package Pumping Station with 150mm concrete surround Flow Rate = 3.8 l/s
FW 16	450 mm	11.115 m	0.595 m	PVC	Min Opening 430 x 430 Grade B125	No of pipe connections 2 FW 1.13 90 mm Dia IL=10.580 m FW 1.14 150 mm Dia IL=10.520 m	
FW 17	450 mm	10.503 m	0.853 m	PVC	Min Opening 430 x 430 Grade B125	No of pipe connections 2 FW 1.14 150 mm Dia IL=9.650 m FW 1.15 150 mm Dia IL=9.650 m	Manhole to include non-return valve

FOUL PIPE SCHEDULE

Pipe Name	Diameter	Length	Slope	Material	Pipe Bed	Upstream Manhole	Upstream Invert	Downstream Manhole	Downstream Invert
FW 1.00	100 mm	6.536 m	1:40	PVC	Class S		10.700 m	FW 1	10.535 m
FW 1.01	100 mm	5.734 m	1:76	PVC	Class S	FW 1	10.535 m	FW 2	10.460 m
FW 1.02	100 mm	8.246 m	1:79	PVC	Class S	FW 2	10.460 m	FW 3	10.355 m
FW 1.03	100 mm	7.903 m	1:79	PVC	Class S	FW 3	10.355 m	FW 4	10.255 m
FW 1.04	150 mm	4.735 m	1:135	PVC	Class S	FW 4	10.205 m	FW 5	10.170 m
FW 1.05	150 mm	7.438 m	1:149	PVC	Class S	FW 5	10.170 m	FW 6	10.120 m
FW 1.06	150 mm	9.570 m	1:147	PVC	Class S	FW 6	10.120 m	FW 7	10.055 m
FW 1.07	150 mm	8.400 m	1:153	PVC	Class S	FW 7	10.055 m	FW 8	10.000 m
FW 1.08	150 mm	20.702 m	1:129	PVC	Class S	FW 8	10.000 m	FW 13	9.840 m
FW 1.09	150 mm	1.427 m	1:143	PVC	Class S	FW 13	9.840 m	FW 14	9.830 m
FW 1.10	150 mm	0.500 m	1:100	PVC	Class S	FW 14	9.830 m	Treatment	9.825 m
FW 1.11	150 mm	1.109 m	1:111	PVC	Class S	Treatment	9.695 m	FW 15 (P)	9.685 m
FW 1.12	90 mm	13.317 m	-1:148	MDPE	Class S	FW 15 (P)	10.270 m		10.360 m
FW 1.13	90 mm	8.676 m	-1:39	MDPE	Class S		10.360 m	FW 16	10.580 m
FW 1.14	150 mm	34.798 m	1:40	PVC	Class S	FW 16	10.520 m	FW 17	9.650 m
FW 1.15	150 mm	2.560 m	1:23	PVC	Class S	FW 17	9.650 m	Culvert	9.540 m
FW 2.00	100 mm	8.295 m	1:66	PVC	Class S		10.800 m	FW 2	10.675 m
FW 3.00	100 mm	7.976 m	1:61	PVC	Class S		10.700 m	FW 3	10.570 m
FW 4.00	100 mm	1.841 m	1:10	PVC	Class S		10.650 m	FW 4	10.470 m
FW 5.00	100 mm	3.516 m	1:11	PVC	Class S		10.750 m	FW 5	10.435 m
FW 6.00	100 mm	8.977 m	1:25	PVC	Class S		10.750 m	FW 6	10.385 m
FW 7.00	100 mm	9.695 m	1:14	PVC	Class S		11.000 m	FW 7	10.320 m
FW 8.00	100 mm	5.862 m	1:8	PVC	Class S		11.000 m	FW 8	10.265 m
FW 9.00	100 mm	7.145 m	1:40	PVC	Class S		10.350 m	FW 9	10.170 m
FW 9.01	100 mm	6.284 m	1:79	PVC	Class S	FW 9	10.170 m	FW 10	10.090 m
FW 9.02	100 mm	6.260 m	1:78	PVC	Class S	FW 10	10.090 m	FW 11	10.010 m
FW 9.03	150 mm	6.039 m	1:151	PVC	Class S	FW 11	9.960 m	FW 12	9.920 m
FW 9.04	150 mm	11.707 m	1:146	PVC	Class S	FW 12	9.920 m	FW 13	9.840 m
FW 10.00	100 mm	6.239 m	1:32	PVC	Class S		10.550 m	FW 10	10.355 m
FW 11.00	100 mm	7.678 m	1:28	PVC	Class S		10.550 m	FW 11	10.280 m
FW 12.00	100 mm	7.107 m	1:23	PVC	Class S		10.550 m	FW 12	10.240 m

SURFACE WATER MANHOLE SCHEDULE

MH Ref	MH Internal Diameter	Cover Level	Depth of MH	Sump Depth	MH Type	MH Cover	Pipe Connections	Comments
SW 1	450 mm	10.980 m	1.125 m	0.000 m	PVC	Min Opening 430 x 430 Grade B125	No of pipe connections 2 SW 1.00 100 mm Dia IL=10.520 m SW 1.01 100 mm Dia IL=9.855 m	
SW 2	450 mm	11.003 m	1.148 m	0.000 m	PVC	Min Opening 430 x 430 Grade B125	No of pipe connections 2 SW 1.02 100 mm Dia IL=9.855 m SW 1.03 100 mm Dia IL=10.553 m	
SW 3	450 mm	10.328 m	1.207 m	0.000 m	PVC	Max Opening 300 x 300 Grade B125	No of pipe connections 1 SW 1.05 100 mm Dia IL=9.121 m	

SURFACE WATER PIPE SCHEDULE

Pipe Name	Diameter	Length	Slope	Material	Pipe Bed	Upstream Manhole	Upstream Invert	Downstream Manhole	Downstream Invert
SW 1.00	100 mm	0.645 m	1:38	PVC	Class S	ACO	10.537 m	SW 1	10.520 m
SW 1.01	100 mm	2.106 m	Horizontal	Perforated PVC	Class S	SW 1	9.855 m	SW 1.02	9.855 m
SW 1.02	100 mm	11.998 m	Horizontal	Perforated PVC	Class S	SW 1.01	9.855 m	SW 2	9.855 m
SW 1.03	100 mm	5.995 m	1:9	PVC	Class S	SW 2	10.553 m	SW 1.04	9.860 m
SW 1.04	100 mm	35.759 m	1:51	Perforated PVC	Class S	SW 1.03	9.860 m	SW 1.05	9.152 m
SW 1.05	100 mm	1.569 m	1:51	PVC	Class S	SW 1.04	9.152 m	SW 3	9.121 m

NOTES

Rev	Amendment	Drawn	Checked	Approved	Date
A	Revised to Client comments	RS	KBL	KBL	19/07/19

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Countyoak Homes Ltd

Dappers Lane
Angmering

Drainage Layout
Manhole & Sewer Schedules

Sheet 2 of 4

DRAWN	CHECKED	APPROVED
RS	KBL	KBL
DATE Jul-19	DATE Jul-19	DATE Jul-19

SCALE	PRJ No.	SIZE	REV
N/A	191183	A1	A

DWG No. 191183/510/01