

Section 104 Adoptable Surface Water Manhole Schedule									
Network 1 - Sheet 1 of 1									
Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types		
			Code	Inverts	Diams Invert		Manhole	Cover	
FC1			1	1.007	0.092	450	2.1m pre-cast concrete adoptable hydrobrake chamber to limit flows from site to greenfield runoff equivalent. Cover type: D400 Design flow: 10.56/s Design head: 0.740 Unit ref: MD-SHE-0149-1000-0740-1000		
	1.350								
	1.033								
E. 523838.041									
N. 309563.199									
HW1							Precast Abthor SFA 10 C Headwall		
	1.150								
	0.850								
E. 523819.502									
N. 309539.270									
S1			1	Lateral	0.921	150	1500	E	D400
	2.302		2	Gully	0.921	150			
	1.231		3	Gully	0.921	150			
E. 523673.616			4	Gully	0.921	150			
N. 309607.206									
HW2							Precast Abthor SFA 10 C Headwall		
	1.150								
	0.880								
E. 523831.826									
N. 309565.093									
S2			1	Lateral	0.608	375	1350	E	D400
	2.113		2	Lateral	0.833	375			
	1.130								
E. 523697.523									
N. 309595.584									
HW3			1		0.030	225	Precast Abthor SFA 10 C Headwall		
	1.050								
	0.795								
E. 523845.282									
N. 309560.993									
S3			1	Lateral	0.517	375	1350	E	D400
	1.932		2	Gully	0.742	150			
	1.040								
E. 523712.673									
N. 309572.774									
S4							1350	D	D400
	1.837								
	0.951								
E. 523728.300									
N. 309578.365									
S5			1		0.471	375	1500	D	D400
	1.827		2		0.471	375			
	0.981								
E. 523724.945									
N. 309566.977									
S6			1	Lateral	0.257	450	1500	D	D400
	1.514		2	Lateral	0.557	150			
	0.806		3	Lateral	0.557	150			
E. 523778.226									
N. 309551.279									
S7			1	Lateral	0.175	450	1500	D	D400
	1.492		2	Lateral	0.475	150			
	0.867		3	Lateral	0.475	150			
E. 523810.024									
N. 309541.896									

Section 104 Adoptable Foul Water Manhole Schedule									
Network 1 - Sheet 1 of 1									
Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types		
			Code	Inverts	Diams Invert		Manhole	Cover	
F1			1	Lateral	-0.100	150	1200	B	D400
	1.713		2	Lateral	-0.100	150			
	1.663								
E. 523793.925									
N. 309544.735									
F2			1	Lateral	-0.265	150	1200	B	D400
	1.490		2	Lateral	-0.265	150			
	1.605		3	Lateral	-0.265	150			
E. 523770.125									
N. 309551.748									
F3			1	Lateral	-0.572	150	1200	B	D400
	1.816		2	Lateral	-0.572	150			
	2.239								
E. 523725.936									
N. 309564.767									
F4			1		-0.677	150	1200	B	D400
	1.915								
	2.442								
E. 523711.550									
N. 309570.980									
F5			1	Lateral	-0.844	150	1200	B	D400
	2.103		2	Lateral	-0.844	150			
	2.797								
E. 523697.804									
N. 309592.010									
F6			1	Lateral	-0.895	150	1200	B	D400
	2.163		2	Lateral	-0.895	150			
	2.908								
E. 523691.958									
N. 309596.872									
F7			1		-0.980	150	1200	B	D400
	2.107								
	2.937								
E. 523683.811									
N. 309587.075									
F8			1	Lateral	-1.133	150	1200	B	D400
	1.658		2	Lateral	-1.133	150			
	2.641								
E. 523677.330									
N. 309565.057									
PUMP INLET			1		-1.255	150	1200	B	D400
	1.321								
	2.426								
E. 523659.820									
N. 309570.391									



HIGH GROUNDWATER AND TRENCH INSTABILITY

Due to High Groundwater Table encountered there are potential issues with ingress of water within trenches. This can cause instability and collapse. Groundworker to ensure appropriate trench shoring up and de-watering works.



LOW STRENGTH ORGANIC SOILS

Due to the presence of organic soils designed levels have been kept to less than 1.3m build up to reduce the chance of settlement.

Buried services should be designed with flexible joints to allow the uptake of future movement cause by settlement of the soft soils beneath the site.

Ground reinforcement required where CBRs less than 2%. To be designed by a specialist.

General Notes

This drawing is to be used in conjunction with all relevant drawings, specifications and details.

All dimensions are in metres unless noted otherwise.

Do not scale from this drawing.



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- Structural Engineering
- Planning Services
- Geotechnical & Environmental
- Surveying
- Professional Advice

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