

DO NOT SCALE

FOUL WATER MANHOLE SCHEDULE (NETWORK 5)
Sheet 1 of 1

FOUL WATER MANHOLE SCHEDULE (NETWORK 6)
Sheet 1 of 4

FOUL WATER MANHOLE SCHEDULE (NETWORK 6)
Sheet 2 of 4

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types		Additional Manhole Requirements		
			Code	Invert	Diams		Manhole	Cover	Ladder or Stepped Access	Safety Chain Required?	Handrails Required?
F501	26.060										
E. 341204.060	1.200					1500	Type C (Figure B15)	D400 (1220 x 685)	Stepped Access	No	No
N. 398434.041			0	1.000	24.710	150					
F502	26.368										
E. 341171.470	1.200					1500	Type C (Figure B15)	D400 (1220 x 685)	Stepped Access	No	No
N. 398487.582			0	2.000	25.018	150					
F503	26.729										
E. 341205.589	2.995		1	2.000	24.591	150					
N. 398486.575			2	1.000	23.584	150					
F504	26.169										
E. 341273.995	2.891		1	1.001	23.128	150					
N. 398485.139			0	1.002	23.128	150					
F505	26.303										
E. 341284.480	3.104		1	1.002	23.049	150					
N. 398490.587			0	1.003	23.049	150					
F506	26.500										
E. 341340.260	1.300					1500	Type C (Figure B15)	D400 (1220 x 685)	Stepped Access	No	No
N. 398425.005			0	3.000	25.050	150					
F507	26.181										
E. 341338.686	1.315		1	3.000	24.716	150					
N. 398451.710			0	3.001	24.716	150					
F508	26.062										
E. 341336.619	1.260		1	3.001	24.652	150					
N. 398461.158			0	3.002	24.652	150					
F509	25.957										
E. 341332.521	1.223		1	3.002	24.584	150					
N. 398470.511			0	3.003	24.584	150					
F510	25.930										
E. 341326.786	1.263		1	3.003	24.517	150					
N. 398478.713			0	3.004	24.517	150					
F511	25.977										
E. 341319.997	1.374		1	3.004	24.453	150					
N. 398485.421			0	3.005	24.453	150					
F512	26.265										
E. 341299.393	1.818		1	3.005	24.297	150					
N. 398496.508			0	3.006	24.297	150					
F513	26.438										
E. 341289.382	3.315		1	2.003	22.973	150					
N. 398500.836			2	3.006	22.973	150					
F514	25.298										
E. 341309.456	2.532		1	1.004	22.616	150					
N. 398550.412			0	1.005	22.616	150					
F515	24.949										
E. 341313.524	2.255		1	1.005	22.544	150					
N. 398560.401			0								

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types		Additional Manhole Requirements		
			Code	Invert	Diams		Manhole	Cover	Ladder or Stepped Access	Safety Chain Required?	Handrails Required?
F601	25.255										
E. 341107.759	2.105					1200	Type B (Figure B10)	D400 (600 x 600)	Stepped Access	No	No
N. 398428.398			0	1.000	23.000	150					
F602	25.210										
E. 341107.714	2.177		1	1.000	22.883	150					
N. 398419.052			0	1.001	22.883	150					
F603	24.687										
E. 341107.593	1.937		1	1.001	22.600	150					
N. 398376.531			0	1.002	22.600	150					
F604	24.671										
E. 341107.601	2.286		1	1.002	22.235	150					
N. 398321.726			0	1.003	22.235	150					
F605	24.232										
E. 341107.583	2.219		1	1.003	21.863	150					
N. 398265.929			0	1.004	21.863	150					
F606	24.023										
E. 341107.198	2.121		1	1.004	21.752	150					
N. 398249.217			0	1.005	21.752	150					
F607	23.820										
E. 341095.573	2.000		1	1.005	21.670	150					
N. 398245.202			0	1.006	21.670	150					
F608	23.661										
E. 341084.247	1.918		1	1.006	21.593	150					
N. 398247.674			0	1.007	21.593	150					
F609	23.267										
E. 341033.421	2.294		1	1.007	20.823	150					
N. 398265.322			0	1.008	20.823	150					
F610	22.651										
E. 340962.389	2.248		1	1.008	20.253	150					
N. 398292.682			0	1.009	20.253	150					
F611	26.081										
E. 340940.483	1.200					1500	Type C (Figure B15)	D400 (1220 x 685)	Stepped Access	No	No
N. 398502.169			0	2.000	24.731	150					
F612	26.050										
E. 340957.508	1.396		1	2.000	24.504	150					
N. 398495.631			0	2.001	24.504	150					
F613	25.411										
E. 340983.393	1.200		1	2.001	24.061	150					
N. 398485.934			0	2.002	24.061	150					
F614	24.250										
E. 340968.242	1.200		1	2.002	22.900	150					
N. 398420.514			0	2.003	22.900	150					
F615	24.393										
E. 341058.294	1.200					1500	Type C (Figure B15)	D400 (1220 x 685)	Stepped Access	No	No
N. 398379.975			0	3.000	23.043	150					

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types		Additional Manhole Requirements		
			Code	Invert	Diams		Manhole	Cover	Ladder or Stepped Access	Safety Chain Required?	Handrails Required?
F616	24.000										
E. 341028.443	1.201		1	3.000	22.649	150					
N. 398390.186			0	3.001	22.649	150					
F617	24.419										
E. 341025.301	1.200		1	4.000	23.069	150					
N. 398424.680			0	4.000	23.069	150					
F618	23.816										
E. 341014.627	1.200		1	3.001	22.466	150					
N. 398395.010			2	4.000	22.466	150					
F619	24.015										
E. 340962.599	1.766		1	3.002	22.466	150					
N. 398412.922			0	3.003	22.099	150					
F620	24.109										
E. 340958.557	3.082		1	3.003	22.072	150					
N. 398412.947			2	2.003	22.759	150					
F621	23.791										
E. 340957.906	2.894		1	2.004	20.747	150					
N. 398393.519			0	2.005	20.747	150					

Notes

- All works shall be in accordance with Sewers for Design and Construction Guidance (DCG) Standards and United Utilities Standard Details and Guidelines.
- Step Rungs shall be installed in accordance to BS EN 13101.
- Manholes shall be to United Utilities Standard Detail STND/19/001-012. Ladders, Safety chains and Hand railing shall be to Standard Detail STND/19/010. Back-drops shall be to Standard Detail STND/19/007.
- 150mm min concrete surround required for all adopted Manholes.
- Rocker pipes shall be provided in accordance with United Utilities Standard Detail STND/19/010.
- Pipe materials as table below or similar approved by United Utilities.
- All lateral connections will be made at soffit level to the main channel.

Pipe Materials Table

Pipe Materials Table	Pipe Materials Table
150	PVC-U
225	PVC-U
300	PVC-U
375	CONCRETE
450	CONCRETE
600	CONCRETE
750	CONCRETE
900	CONCRETE
1200	CONCRETE
1500	CONCRETE

Bedding and Surround Table

Depth to Soffit	Bedding and Surround Type
>1.2m	Class S
<1.2m	Class Z

Coopers Drawing List:

- 7778 / 01 Proposed S104 Drainage Layout
- 7778 / 02 Proposed Highway Setting Out
- 7778 / 03 Proposed Highway Layout
- 7778 / 04 Proposed Highway and Drainage Longsections
- 7778 / 05 Highway Construction Details
- 7778 / 06 Proposed Surface Finishes
- 7778 / 07 S38 Agreement Plan
- 7778 / 08 External Works Layout
- 7778 / 09 Private Drainage Layout
- 7778 / 10 Private Drainage Construction Details
- 7778 / 11 Manhole Schedules
- 7778 / 12 Flow Control Manhole Details
- 7778 / 13 Surface Water Catchment Areas
- 7778 / 14 Surface Water Attenuation Details
- 7778 / 15 Proposed Cut and Fill Earthworks
- 7778 / 16 Plot Setting Out
- 7778 / 17 Manhole Connection Plan

TENDER



Tel: 01244 68491