Manhole	Cover	nhole Sche	Depth to	Pipe Out	Pipe Out	Pipe In	Pipe In	MH Type	Dimensions	Cover	Bedding	MH / IC	Comments
Ref C1	10.360	invert (m) 3.150	soffit (m) 2.700	7.210	Dia (mm) 450	7.210	Dia (mm) 450	PC RING	(mm) 1350∅	Class D400	class	MH	Type 1A adoptable manhole to SfA7
CI	10.360	3.150	2.700	7.210	450			PC RING	1350∅	D400	5	IVII	and Southern Water requirements. New combined connection from
						7.510	150						development.
C2	10.420	2.890	2.740	7.530	150	7.530	150	PPIC	450∅	D400	S	IC	Demarcation Chamber. Reduced Access Chamber.
C3	9.870	2.220	2.070	7.650	150	7.580 7.650	100 150	PC RING	1200∅	D400	S	MH	NRV required.
			2.070	7.030	130	7.650	150	FUNING	1200	D400	3	IVII 1	NRV required.
Foul Wate Manhole	r Manhole Cover	Schedule Depth to	Depth to	Pipe Out	Pipe Out	Pipe In	Pipe In		Dimensions	Cover	Bedding		
Ref	Level	invert (m)	soffit (m)	. IL	Dia (mm)	İL	Dia (mm)	MH Type	(mm)	Class	class	MH / IC	Comments
F1 F2	10.490 10.820	2.120 1.820	1.970 1.720	8.370 9.000	150 100	8.370 9.000	100 100	PPIC PPIC	450∅ 450∅	D400 A15	S S	IC IC	Reduced Access Chamber. Reduced Access Chamber.
F3	10.820	1.860	1.710	8.960	150	8.960	150	PPIC	450∅	A15	S	IC	Reduced Access Chamber.
F4 F5	10.610 10.640	0.990 0.970	0.840	9.620 9.670	150 150	9.620 9.670	150 150	PPIC PPIC	450∅ 450∅	A15 A15	Z Z	IC IC	
						9.720	100					11.70.1	
F6	10.650	0.600	0.500	10.050	100	10.050 10.100	100 100	PPIC	450∅	A15	Z	IC	
F7	10.410	0.500	0.400	9.910	100	9.910	100	PPIC	250∅	A15	Z	IC	
F8	10.410	0.600	0.450	9.810	150	9.810 9.860	100 100	PPIC	450∅	A15	Z	IC	
F9 F9.1	9.950 9.940	1.650 0.960	1.500 0.860	8.300 8.980	150 100	8.300 8.980	150 100	PPIC PPIC	450∅ 450∅	D400 B125	S Z	D D	Reduced Access Chamber.
F 9. 1	9.940	0.960	0.860	8.980	100	9.030	100	FFIC	4300	B123		2	
F9.2	9.940	0.960	0.860	8.980	100	9.030 8.980	100 100	PPIC	450∅	B125	Z	IC	
1 0.2	0.040	0.000	0.000	0.000	100	9.030	100	1110	4002	5120		10	
F9.3	9.930	0.950	0.850	8.980	100	9.030 9.030	100 100	PPIC	450∅	B125	Z	IC	
						9.030	100						
F9.4	9.940	0.960	0.860	8.980	100	8.980 9.030	100 100	PPIC	450∅	B125	Z	IC	
E40	0.940	1 200	1 0 4 0	0.450	450	9.030	100	DDIC	4E0~	D.400	-		Paduard Assess Observed
F10	9.840	1.390	1.240	8.450	150	8.450 8.500	150 100	PPIC	450∅	D400	S	IC	Reduced Access Chamber.
F11	9.900	0.780	0.680	9.120	100	9.120 9.170	100 100	PPIC	450∅	A15	Z	IC	
						9.170	100						
F12	10.000	1.480	1.330	8.520	150	8.520 8.570	150 100	PPIC	450∅	A15	S	IC	Reduced Access Chamber.
F13	10.000	1.100	1.000	8.900	100	8.900	100	PPIC	450∅	A15	Z	IC	
						8.950 8.950	100 100						
F14	9.940	1.390	1.240	8.550	150	8.550	150	PPIC	450∅	A15	S	IC	Reduced Access Chamber.
F15	9.980	1.190	1.040	8.790	150	8.600 8.790	150 150	PPIC	450∅	A15	Z	IC	
						8.840 8.840	100 100						
F15.1	10.020	0.980	0.880	9.040	100	9.090	100	PPIC	450∅	A15	Z	IC	
F15.2	10.020	1.010	0.910	9.010	100	9.090 9.010	100 100	PPIC	450∅	A15	Z	IC	
		100 May				9.060	100						
F16	10.020	1.170	1.020	8.850	150	8.900 8.900	100	PPIC	450∅	A15	Z	IC	
E16.1	10.020	1.010	0.010	0.010	100	8.900	100						
F16.1	10.020	1.010	0.910	9.010	100	9.010 9.060	100 100						
F16.2	9.990	1.000	0.900	8.990	100	9.060 8.990	100 100	PPIC	450∅	A15	Z	IC	
						9.040	100	134 10 10 10					
F17 F18	9.800 9.870	1.230 1.270	1.080 1.120	8.570 8.600	150 150	8.570 8.600	150 150	PPIC PPIC	450∅ 450∅	A15 A15	Z Z	IC IC	Reduced Access Chamber. Reduced Access Chamber.
						8.650	150						
F18.1	10.120	1.060	0.960	9.060	100	9.060 9.110	100 100	PPIC	450∅	A15	Z	IC	
E19.2	10 120	1.060	0.060	9.060	100	9.110	100	DDIC	450@	A1E	Z	IC	
F18.2	10.120	1.060	0.960	9.060	100	9.060 9.110	100 100	PPIC	450∅	A15		IC	
F18.3	10.120	0.990	0.890	9.130	100	9.130 9.180	100 100	PPIC	450∅	A15	Z	IC	
F18.4	9.870	0.930	0.830	8.940	100	8.990	100	PPIC	450∅	A15	Z	IC	
F18.5	9.940	1.000	0.900	8.940	100	8.990 8.940	100 100	PPIC	450∅	A15	Z	IC	
						8.990	100						
F18.6	10.020	1.000	0.900	9.020	100	9.070 9.070	100 100	PPIC	450∅	A15	Z	IC	
F18.7	10.020	1.020	0.920	9.000	100	9.000 9.050	100 100	PPIC	450∅	A15	Z	IC	
						9.050	100						
F18.8	9.930	0.870	0.770	9.060	100	9.060 9.110	100 100	PPIC	450∅	A15	Z	IC	
F18.9	9.950	0.890	0.790	9.060	100	9.060	100	PPIC	450∅	A15	Z	IC	
F18.10	10.020	1.020	0.920	9.000	100	9.110 9.000	100 100	PPIC	450∅	A15	Z	IC	
						9.050 9.050	100 100						
F19	10.510	1.440	1.340	9.070	100	9.070	100	PPIC	450∅	A15	S	IC	Reduced Access Chamber.
F20	10.010	1.240	1.090	8.770	150	9.120 8.770	100 150	PPIC	450∅	A15	Z	IC	Reduced Access Chamber.
						8.820	100						
F20.1	10.020	0.950	0.850	9.070	100	9.070 9.120	100 100	PPIC	450∅	A15	Z	IC	
		المالية و		<u></u>	,	9.120	100		1.5.0	¥	_		
F21	10.020	1.080	0.980	8.940	100	8.940 8.990	100 100	PPIC	450∅	A15	Z	IC	
						8.990	100						
	ı		1.000	8.870	150	8.990 8.920	100 100	PPIC	450∅	A15	Z	IC	
F22	10.020	1.150	1.000	0.070									
F22	10.020	1.150	1.000	0.070		8.920 8.920	100 100						

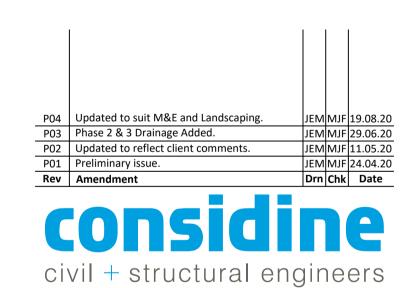
Manhole Ref	Cover Level	Depth to invert (m)	Depth to soffit (m)	Pipe Out	Pipe Out Dia (mm)	Pipe In IL	Pipe In Dia (mm)	МН Туре	Dimensions (mm)	Cover Class	Bedding class	MH / IC	Comments
S1 HB	10.560	2.920	2.820	7.640	100	8.670	150	PC RING	1200∅	D400	S	MH	Hydro-Brake chamber. Model reference: MD-SHE-0058-2000-1840-2000.
S2 CP	10.560	1.460	1.310	9.100	150	9.150	100	PPIC	450∅	D400	S	IC	Catchpit, 300mm sump. Reduced Access Chamber.
S3	10.820	1.580	1.480	9.240	100	9.240	100	PPIC	450∅	A15	S	IC	Reduced Access Chamber.
						9.290	100						
S4	10.630	1.300	1.200	9.330	100	9.330	100	PPIC	450∅	A15	S	IC	Reduced Access Chamber.
S5	10.760	1.400	1.300	9.360	100	9.360	100	PPIC	450∅	A15	S	IC	Existing rainwater pipes to connect to chamber. Local adjustments may be required. Reduced Access Chamber.
						9.410	100						
						9.410	100						Existing rainwater pipe to connect to
S6	10.500	0.890	0.790	9.610	100	9.610	100	PPIC	450∅	A15	Z	IC	chamber. Local adjustments may be required.
S7	10.460	0.900	0.800	9.560	100	9.560	100	PPIC	450∅	A15	z	IC	Existing rainwater pipes to connect to chamber. Local adjustments may be required.
						9.610	100						, - 4
S8 OP	9.900	2.210	2.060	7.690	150	7.690	225	PC RING	1200∅	D400	s	MH	Orifice Plate chamber. 87mm diamete orifice. 300mm sump required.
						9.300	100						From RWP.
S9 CP	9.810	2.030	1.805	7.780	225	7.780	150	PC RING	1200∅	D400	S	MH	Catchpit, 300mm sump.
						7.960	150						From S10.
010	0.550	4.400	4 070	0.400	450	9.110	100	DDIC	4E0~	A 4 F	_	10	From channel drain.
S10	9.550	1.420	1.270	8.130	150	8.180 8.180	100 100	PPIC	450∅	A15	S	IC	Reduced Access Chamber.
						8.180	100						
S10.1	9.600	0.680	0.580	8.920	100	8.920	100	PPIC	450∅	A15	Z	IC	
						8.970	100						
S11	9.290	0.600	0.500	8.690	100	8.690	100	PPIC	450∅	A15	Z	IC	
S12	9.550	1.330	1.230	8.220	100	8.630	100	PPIC	450∅	A15	S	IC	Reduced Access Chamber.
RE12.1	9.300	0.920	0.820	8.380	100		-	RE	100∅	A15	Z	RE	Rodding Eye.
S13 OP	10.020	2.150	2.000	7.870	150	7.870	150	PC RING	1200∅	A15	S	MH	Orifice Plate chamber. 81mm diamete orifice. 300mm sump required.
						8.890	100				_		From RE13.1
RE13.1	10.020	1.000	0.900	9.020	100	- 0.000	- 450	RE	100∅ 450∅	A15	Z	RE	Rodding Eye.
S14	10.020	1.120	0.970	8.900	150	8.900 8.950	150 100	PPIC	450∅	A15	Z	IC	
						8.950	100						
RE14.1	10.000	0.930	0.780	9.070	150	-	-	RE	150∅	A15	Z	RE	Rodding Eye.
S15	10.010	0.910	0.760	9.100	150	9.150	100	PPIC	450∅	A15	Z	IC	
RE15.1	10.170	0.500	0.400	9.670	100	7.040	- 450	RE	100∅	A15	Z	RE	Rodding Eye.
S16 CP	9.800	1.860	1.710	7.940	150	7.940 7.940	150 150	PC RING	1200∅	A15	S	MH	Catchpit, 300mm sump. From ATT3.
						9.400	100						From gully.
S17 CP	10.080	2.020	1.870	8.060	150	9.100	100	PC RING	1200∅	A15	S	MH	Catchpit, 300mm sump.
						9.330	100						From TH.
						9.330	100 100						From TH. From RE17.1
						9.330	100						From Gully.
RE17.1	10.120	0.700	0.600	9.420	100	-	-	RE	100∅	A15	Z	RE	Rodding Eye.
RE17.2	10.630	1.180	1.080	9.450	100	-	-	RE	100∅	A15	Z	RE	Rodding Eye.
S18	10.020	0.810	0.710	9.210	100	9.210	100	PPIC	450∅	A15	Z	IC	
DE10 1	10.020	0.500	0.400	9.520	100	9.260	100	RE	1000	A1E	7	RE	Padding Eva
RE18.1 S19 CP	10.020 10.020	0.500	0.400	9.520	100	9.300	100	PPIC	100∅ 450∅	A15 A15	Z Z	IC	Rodding Eye.
2 10 OF	10.020	0.110	3.570	3.230	100	9.300	100		7000	AIS			
						9.300							
S20 OP	9.900	1.740	1.590	8.160	150	8.160	150	PC RING	1200∅	A15	S	МН	Orifice Plate chamber. 57mm diamete orifice. 300mm sump required.
						8.360	150						From S25.
S21 CP	10.070	1.860	1.710	8.210	150	8.210	150	PC RING	1200∅	A15	S	MH	Catchpit, 300mm sump.
						9.290	100						From RWP.
						9.290	100 100						From RWP. From RWP.
S22 CP	10.110	1.750	1.600	8.360	150	9.310	100	PC RING	900∅	A15	S	IC	Catchpit, 300mm sump.
						9.310	100						
000.07	40.00=	4.00=	4 - 4 -	0.000	450	9.310	100	DO DIVIS	4000 =	A 4 =		N. 61 .	0-4-4-7-200
S23 CP	10.025	1.665	1.515	8.360	150	9.240 9.650	100 100	PC RING	1200∅	A15	S	MH	Catchpit, 300mm sump. From gully.
						9.610	100						From guily. From channel drain.
S24	10.040	0.760	0.660	9.280	100	9.280 9.330	100 100	PPIC	450∅	A15	Z	IC	
	40.000	4.000	4.450	0.400	450	9.330	100	DDIC	450~	A 4 =	_	10	Dedicad Association
00-	10.020	1.600	1.450	8.420	150	8.470	100 100	PPIC	450∅	A15	S	IC	Reduced Access Chamber.
S25						8.470 8.470	100						
S25						8.470	100						
S25					'			_					
						8.470	100						
S25 S25.1	10.020	0.820	0.720	9.200	100	8.470 9.200	100 100	PPIC	450∅	A15	Z	IC	
	10.020	0.820	0.720	9.200	100	8.470	100	PPIC PPIC	450∅ 450∅	A15	Z	IC IC	

- 1) Chambers denoted as MH are designed to accommodate manned entry. Chambers denoted as IC are designed to be accessed from ground level only.
- 2) RED text denotes amendment since previous revision.

DO NOT SCALE THIS DRAWING. ALL SETTING OUT TO ARCHITECT'S DETAILS AND DRAWINGS

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWING ISSUES AND THE SPECIFICATION.

- G1. All building materials, components and workmanship to comply with the appropriate public health acts, building regulations, british standards and codes of practice and the appropriate manufacturer's recommendations.
- G2. For all specialist work see relevant drawings.
- G3. Any discrepancies, errors or omissions to be reported to the project co-ordinator for further instructions before commencement of works.
- G4. The Engineer is not responsible for dimensions, except where shown on his drawings. All setting out information, dimensions, etc, shall be calculated from the Architect's drawings.



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MANHOLE SCHEDULE

considine ref drawn by date drawing scales 3554 JEM APR 20 N/A

drawing reference: originator volume level type role number 3554 - CON - 00 - XX - DR - C - 1519

original paper size

status :
S0
revision :
P04 SUITABLE FOR INFORMATION

PRELIMINARY