

MANHOLE SCHEDULE										
MANHOLE N°	APPROX. COVER LEVEL	INVERT LEVEL IN	INVERT LEVEL OUT	DEPTH (mm)	PIPE SIZE OUT (mm)	GRADIENT OUT	TYPE/COMMENT		COVER	ADDITIONAL NOTES
							SIZE / Ø	TYPE		
ESMH01	31.03	Ex. T.B.C.	Ex. T.B.C.	Ex. T.B.C.	Ex. T.B.C.	Ex. T.B.C.	Ex. T.B.C.	Ex. T.B.C.	Ex. T.B.C.	EXISTING MANHOLE SILTED UP, TO BE CLEARED AND SURVEYED PRIOR TO COMMENCING WORKS. IF FOUND TO BE ADEQUATE RETAIN AND ADJUST COVER TO NEW LEVELS, IN INADEQUATE THEN REPLACE WITH NEW MANHOLE T.B.C.
PSMH01	34.22	T.B.C.	T.B.C.	T.B.C.	150Ø	1:100	1050Ø	P.C.C. RING (DET. 1)	600x600 DUCTILE IRON 'C250'	"R"
PSMH02	34.20	32.30	32.30	1900	150Ø	1:100	450Ø	PLASTIC RING NEIC (DET. 4)	350Ø PLASTIC 'B125'	"R"
PSMH03	34.22	32.40	32.40	2120	150Ø	1:100	1050Ø	P.C.C. RING WITH F.C.U. (DET. 2)	600x600 DUCTILE IRON 'C250'	"R", ADDITIONAL 300mm DEPTH TO ACCOMMODATE F.C.U.
PSMH04	34.22	32.64	32.64	1780	150Ø	1:100	450Ø	PLASTIC RING NEIC WITH SILT PIT (DET. 3)	350Ø PLASTIC 'B125'	"R", ADDITIONAL 200mm DEPTH DUE TO SILT PIT
PSMH05	34.22	33.62	33.62	600	150Ø	1:100	450Ø	PLASTIC RING UIC (DET. 4)	450Ø PLASTIC 'B125'	"R"
PSMH06	34.22	33.62	33.62	600	150Ø	1:100	450Ø	PLASTIC RING UIC (DET. 4)	450Ø PLASTIC 'B125'	"R"
PSMH07	34.22	32.92	32.92	600	150Ø	1:100	450Ø	PLASTIC RING NEIC (DET. 4)	350Ø PLASTIC 'B125'	"R"
PSMH08	34.22	33.62	33.62	600	150Ø	1:100	450Ø	PLASTIC RING UIC (DET. 4)	450Ø PLASTIC 'B125'	"R"
PSMH09	34.22	33.62	33.62	600	150Ø	1:100	450Ø	PLASTIC RING UIC (DET. 4)	450Ø PLASTIC 'B125'	"R"
PSMH10	34.20	32.40	32.40	2000	225Ø	1:100	600Ø	PLASTIC RING NEIC WITH SILT PIT (DET. 3)	350Ø PLASTIC 'B125'	"R", ADDITIONAL 200mm DEPTH DUE TO SILT PIT
PSMH11	34.20	33.60	33.60	600	100Ø	1:100	450Ø	PLASTIC RING UIC (DET. 4)	450Ø PLASTIC 'B125'	"R"
PSMH12	34.20	33.60	33.60	600	100Ø	1:100	450Ø	PLASTIC RING UIC (DET. 4)	450Ø PLASTIC 'B125'	"R"
PSMH13	34.20	32.92	32.92	1480	225Ø	1:35	600Ø	PLASTIC RING NEIC (DET. 4)	350Ø PLASTIC 'B125'	"R"
PSMH14	34.08	33.48	33.48	600	100Ø	1:100	450Ø	PLASTIC RING UIC (DET. 4)	450Ø DUCTILE IRON 'C250'	"R"
PSMH15	34.20	33.60	33.60	600	150Ø	1:100	450Ø	PLASTIC RING UIC (DET. 4)	450Ø PLASTIC 'B125'	"R"
PSMH16	34.20	33.60	33.60	600	225Ø	1:50	450Ø	PLASTIC RING UIC (DET. 4)	450Ø PLASTIC 'B125'	"R"
PSMH17	30.90	T.B.C.	T.B.C.	T.B.C.	150Ø	1:100	450Ø	PLASTIC RING UIC (DET. 4)	450Ø DUCTILE IRON 'C250'	
ANNOTATIONS					MANHOLE COVERS TO BS EN 124					
"R"	ALLOW FOR ALTERNATIVE RECESSED STEEL COVER, INFILLED TO MATCH SURROUNDING EXTERNAL FINISHES				CLASS A	LIGHT DUTY	PEDESTRIAN ONLY			
					CLASS B	MEDIUM DUTY	LIGHT VEHICLES			
P.C.C. RING/ TRAD./NEIC/ UIC/SIC	SEE 130300 FOR CHAMBER CONSTRUCTION DET.S				CLASS C	HEAVY DUTY	CARRIAGEWAY <0.5m FROM KERB			
					CLASS D	HEAVY DUTY	CARRIAGEWAY & HARD SHOULDERS			
NOTE:	ALL CATCH/SILT PIT MANHOLES ARE 200mm DEEPER THAN INVERT LEVELS SHOWN (REFER TO DETAIL X)									

MAINTENANCE SCHEDULE			
SuDS ELEMENT	ACTIVITY	FREQUENCY	NOTES
GULLIES & DRAINAGE CHANNELS	INSPECT TO CHECK FOR SEDIMENT AND EMPTY IF FULL	ANNUALLY OR AS REQUIRED	MATERIAL REMOVED SHOULD BE DISPOSED OF AS CONTAMINATED WASTE
UNDERGROUND DRAINS	PIPES TO BE CLEANED IF BLOCKED	AS REQUIRED	OCCASIONAL
PERMEABLE PAVING	BRUSHING CLEAN OF LEAVES AND DEBRIS	THREE TIMES PER YEAR OR AS REQUIRED	ROUTINE MAINTENANCE
	VACUUM CLEANING THE SURFACE	FIRST, THIRD, AND FIFTH YEARS THEN AS REQUIRED	ROUTINE MAINTENANCE PER MANUFACTURER GUIDANCE
	REMOVE WEEDS/STABILISE EDGES	AS REQUIRED	PART OF LANDSCAPE MAINTENANCE
STONE DRAINAGE BLANKET	LIFTED, CLEANED OF SILT AND RE-LAID	AFTER 20 TO 40 YEARS OR IF SIGNS OF FAILURE	REMEDIAL MAINTENANCE. DISPOSE OF WASTE APPROPRIATELY
GEOCELLULAR TANK	EXPOSED, CLEANED OF SILT AND RE-LAID IF NEEDED	ONLY IF PERFORMANCE DROPS SIGNIFICANTLY	RARE--ONLY REQUIRED IF SEVERE SILTATION OCCURS
INITIAL INSPECTION	INITIAL SYSTEM INSPECTION	MONTHLY FOR FIRST THREE MONTHS; 48 HOURS AFTER STORMS	ENSURES BASELINE PERFORMANCE
PAVING OPERATION INSPECTION	INSPECT FOR POOR OPERATION/WEED GROWTH	ANUALLY	TAKE REMEDIAL ACTION IF REQUIRED
SEDIMENT INSPECTION	INSPECT SILT ACCUMULATION AND ADJUST BRUSHING FREQUENCY	ANUALLY	ADJUST MAINTENANCE BASED ON FINDINGS
INSPECT CHAMBERS	MONITOR INSPECTION CHAMBERS	ANUALLY	PART OF SYSTEM MONITORING

FLOW RESTRICTOR REQUIREMENTS			
MANHOLE N°	FLOW LIMIT (l/s)	MAXIMUM HEAD (m)	INTEGRAL BYPASS
PSMH03	2.0	1.6	"HYDRO-BRAKE OPTIMUM SHE-0060-2000-1600-2000"

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