

Manhole schedules																		
MH REF	CL (mAOD)	IL (mAOD)	DEPTH TO SOFFIT (m)	DS PIPE DIA (mm)	MH DIA (mm)	MH TYPE	CATCHPIT	COVER SIZE (mm)	COVER CLASS	COVER TYPE	RECESSED	RESTRICTED ACCESS	BACK DROP	Back drop IL (mAOD)	COMMENTS	EASTING	NORTHING	
Foul Water- construction																		
FW1	64.56	63.71	0.75	100	450	PPIC	N	450X450	B125	DOUBLE SEALED	VINYL FORBO SURESTEP BAREFOOT SPECIFIED BY ARCHITECT	N	N	N/A	UNRESTRICTED;	388118.950	396901.200	
FW2	64.56	63.56	0.90	100	450	PPIC	N	450X450	B125			N	N	N/A	UNRESTRICTED;	388124.388	396899.717	
FW3	64.56	63.51	0.95	100	450	PPIC	N	450X450	B125			N	N	N/A	UNRESTRICTED;	388128.416	396898.598	
FW4	64.56	63.47	0.99	100	450	PPIC	N	450X450	B125	SINGLE SEALED	FORBO VINYL SURESTEP SAFETY SPECIFIED BY ARCHITECT	N	N	N/A	UNRESTRICTED;	388131.615	396897.710	
FW5	64.31	63.25	0.96	100	1350	TYPE C	N	1200X675	D400		N	N	N	N/A	UNRESTRICTED;	388148.957	396892.985	
FW6	64.36	61.94	2.27	150	450	PPIC	N	450x450	D400		N	Y	N	N/A	RESTRICTED ACCESS 350mm DIA MAX;	388119.644	396786.247	
FW8	64.61	63.66	0.85	100	450	PPIC	N	450X450	B125	DOUBLE SEALED	SUBJECT TO ARCHITECT CONFIRMATION of INTERNAL FINISHES	N	N	N/A	UNRESTRICTED;	388096.345	396798.774	
FW9	64.36	62.00	2.21	150	450	PPIC	N	450X450	D400	SINGLE SEALED	N	Y	Y	63.34	RESTRICTED ACCESS 350mm DIA MAX;	388121.213	396791.725	
FW10	64.37	62.18	2.04	150	450	PPIC	N	450X450	D400		N	Y	Y	63.27	RESTRICTED ACCESS 350mm DIA MAX;	388126.049	396809.568	
FW11	64.29	62.46	1.68	150	1200	TYPE B	N	600X600	D400		N	N	Y	63.11	UNRESTRICTED;	388133.291	396835.935	
FW12	64.56	63.75	0.71	100	450	PPIC	N	450X450	B125	DOUBLE SEALED	FORBO VINYL SURESTEP SAFETY SPECIFIED BY ARCHITECT	N	N	N/A	UNRESTRICTED;	388099.285	396814.543	
FW13	64.56	63.60	0.86	100	450	PPIC	N	450X450	B125		N	N	N	N/A	UNRESTRICTED;	388099.906	396816.691	
FW14	64.56	63.57	0.89	100	450	PPIC	N	450X450	B125		N	N	N	N/A	UNRESTRICTED;	388102.244	396816.066	
FW15	64.61	63.43	1.08	100	450	PPIC	N	450X450	B125		N	N	N	N/A	UNRESTRICTED;	388107.888	396843.186	
FW16	64.56	63.30	1.16	100	450	PPIC	N	450X450	B125		FORBO SUPERSTEP BAREFOOT SPECIFIED BY ARCHITECT	Y	N	N/A	RESTRICTED ACCESS 350mm DIA MAX;	388117.767	396840.492	
FW17	64.56	63.20	1.26	100	450	PPIC	N	450X450	B125		FORBO VINYL SURESTEP SAFETY SPECIFIED BY ARCHITECT	Y	N	N/A	RESTRICTED ACCESS 350mm DIA MAX;	388125.778	396838.423	
FW18	64.56	63.59	0.87	100	450	PPIC	N	450X450	B125			N	N	N/A	UNRESTRICTED;	388133.428	396904.448	
FW19	64.56	63.54	0.93	100	450	PPIC	N	450X450	B125			N	N	N/A	UNRESTRICTED;	388132.253	396900.081	
FW24	64.46	63.00	1.36	100	450	PPIC	N	450X450	B125	SINGLE SEALED	N	N	N	N/A	RESTRICTED ACCESS 350mm DIA MAX;	388217.263	396782.799	
Main Surface Water- siphon-construction																		
SRH01	64.35	62.93	0.97	450	1350	TYPE C	N	1200X675	D400	SINGLE SEALED	N	N	N	N/A	UNRESTRICTED; VENTED COVER	388130.402	396818.283	
SRH02	64.22	62.80	0.97	450	1350	TYPE C	N	1200X675	D400			N	N	N	N/A	UNRESTRICTED; VENTED COVER	388144.069	396868.176
SRH03	64.26	62.56	1.10	600	1800	TYPE C	N	1200X675	D400			N	N	N	N/A	UNRESTRICTED; VENTED COVER	388149.464	396888.114
SRH04	64.17	62.37	1.05	750	2100	TYPE B	Y	600X600	D400			N	N	N	N/A	UNRESTRICTED; 300mm CATCHPIT, VENTED COVER	388157.166	396915.908
SRH05	64.21	62.90	0.86	450	1350	TYPE C	N	1200X675	D400			N	N	N	N/A	UNRESTRICTED; VENTED COVER	388162.805	396936.539
SRH06	64.59	60.92	3.37	300	1200	TYPE A1/2	N	600X600	D400			N	N	N	N/A	UNRESTRICTED; FLOW CONTROL	388198.470	396920.835
SRH06a	64.50	62.32	1.88	300	2100	TYPE B	Y	600X600	D400			N	N	N	N/A	UNRESTRICTED; 300mm CATCHPIT	388187.109	396907.719
SRH07										OMITTED								
SRH08	64.57	59.74	4.53	300	2400	TYPE A1/2	N	600X600	D400	SINGLE SEALED	N	N	N	N/A	UNRESTRICTED; NEW MANHOLE ON EXISTING CULVERT	388198.714	396920.771	
Washdown Area drainage manhole Schedule																		
W1	64.60	63.17	1.20	225	1200	TYPE C	Y	600X600	D400	SINGLE SEALED	N	N	N	N/A	UNRESTRICTED; 300mm CATCHPIT	388247.460	396876.925	
W2	64.66	63.04	1.32	300	1350	TYPE C	N	1200X675	D400			N	N	N	N/A	UNRESTRICTED;	388245.188	396866.636
W3	64.64	62.85	1.57	225	1350	PPIC	N	1200X675	D400			N	N	N	N/A	UNRESTRICTED;	388252.110	396875.878
W4	64.45	62.77	1.46	225	1350	TYPE C	N	1200X675	B125			N	N	N	N/A	UNRESTRICTED;	388247.404	396858.847
W5	64.70	62.73	1.82	150	1200	TYPE B	N	600X600	D400			N	N	N	N/A	UNRESTRICTED; FLOW CONTROL CHAMBER	388239.060	396855.503
W6	64.72	62.49	2.08	150	1200	TYPE B	N	600X600	D400			N	N	N	N/A	UNRESTRICTED; SUB METER TO BE FITTED IN CHAMBER (BY OTHERS)	388238.180	396852.456
Ground Floor Drainage Manhole Schedule																		
S01	64.11	62.98	0.83	300	600	PPIC	N	600X600	D400	SINGLE SEALED	N	N	N	N/A	UNRESTRICTED;	388191.358	396781.014	
S02										OMITTED								
S03	64.29	62.95	1.19	150	1500	TYPE C	N	1200X675	D400	SINGLE SEALED	N	N	N	N/A	UNRESTRICTED;	388166.728	396786.723	
S04	64.41	62.49	1.47	450	1500	TYPE C	N	1200X675	D400			N	N	N	N/A	UNRESTRICTED;	388169.83	396797.996
S05	64.62	62.40	1.77	450	1500	TYPE B	N	600X600	D400			N	N	N	N/A	UNRESTRICTED;	388175.406	396818.26
S06	64.89	62.32	2.12	450	1500	TYPE B	N	600X600	D400			N	N	N	N/A	UNRESTRICTED;	388182.812	396845.172
S07	64.48	63.43	0.90	150	600	PPIC	N	600X600	D400			N	N	N	N/A	UNRESTRICTED;	388214.211	396778.207
S08	64.40	63.05	1.13	225	600	PPIC	N	600X600	D400			N	N	N	N/A	UNRESTRICTED;	388202.25	396781.488
S09	64.46	62.98	1.26	225	1500	TYPE C	N	1200X675	D400			N	N	N	N/A	UNRESTRICTED;	388202.428	396789.026
S10	64.42	63.01	1.18	225	600	PPIC	N	600X600	D400			N	N	N	N/A	UNRESTRICTED;	388213.783	396797.871
S11	64.52	62.57	1.50	450	1500	TYPE B	N	600X600	D400			N	N	N	N/A	UNRESTRICTED;	388200.799	396804.528
S12	64.60	62.50	1.65	450	1500	TYPE B	N	600X600	D400			N	N	N	N/A	UNRESTRICTED;	388205.342	396821.037
S13	64.80	62.39	1.96	450	1500	TYPE B	N	600X600	D400			N	N	N	N/A	UNRESTRICTED;	388215.386	396857.536
S14	64.11	62.66	1.00	450	1500	TYPE C	N	1200X675	D400			N	N	N	N/A	UNRESTRICTED;	388161.619	396906.443
S15	64.34	63.18	0.86	300	1500	TYPE C	N	1200X675	D400			N	N	N	N/A	UNRESTRICTED;	388139.128	396813.38
S16	64.27	62.48	1.34	450	1500	TYPE C	N	1200X675	D400			N	N	N	N/A	UNRESTRICTED;	388153.752	396866.521
S17	64.70	62.09	2.01	600	1500	TYPE B	Y	600X600	D400			N	N	N	N/A	UNRESTRICTED; 300mm CATCHPIT	388188.174	396864.658
S18	64.65	63.32	1.03	300	1500	TYPE C	N	1200X675	D400			N	N	N	N/A	UNRESTRICTED;	388236.014	396932.498
S19	64.60	63.23	1.08	300	1500	TYPE C	N	1200X675	D400			N	N	N	N/A	UNRESTRICTED;	388230.077	396910.923
S20	64.59	63.16	1.20	225	1500	TYPE C	N	1200X675	D400			N	N	N	N/A	UNRESTRICTED;	388261.407	396877.847
S21	64.58	62.68	1.45	450	1500	TYPE C	N	1200X675	D400			N	N	N	N/A	UNRESTRICTED;	388223.821	396888.19
S22	64.57	62.63	1.49	450	1500	TYPE C	N	1200X675	D400			N	N	N	N/A	UNRESTRICTED;	388208.104	396888.061
S23	64.50	62.66	1.54	300	600	PPIC	N	600X600	D400			N	N	N	N/A	UNRESTRICTED;	388189.987	396910.486
S24	64.53	62.55	1.68	300	1500	TYPE B	N	600X600	D400			N	N	N	N/A	UNRESTRICTED;	388182.786	396884.32
S25	64.66	62.51	1.85	300	1500	TYPE B	N	600X600	D400			N	N	N	N/A	UNRESTRICTED;	388192.842	396881.619
S26	64.60	62.06	1.94	600	1500	TYPE B	Y	600X600	D400			N	N	N	N/A	UNRESTRICTED; 300mm CATCHPIT	388191.62	396877.181
S27	64.59	61.26	2.96	375	1800	TYPE B	Y	600X600	D400			N	N	N	N/A	UNRESTRICTED; 300mm CATCHPIT, VENTED COVER	388173.722	396882.106
S28	64.54	61.15	3.08	300	1500	TYPE B	Y	600X600	D400			N	N	N	N/A	UNRESTRICTED; FLOW CONTROL CHAMBER	388180.505	396907.46
S29/ EX 6	64.58	59.30	4.53	750	2400	TYPE B	N	600X600	D400			N	N	N	N/A	UNRESTRICTED; NEW MANHOLE ON EXISTING CULVERT	388191.4326	396939.7632

- SRH01,2,3,5 TYPE C COLD BE CHANGED FOR CATCHPIT AND 600X600 COVER FOR EASIER CONSTRUCTION
- WHERE CATCHPITS DEPTH >1.5 M , COVER 600X600 IS USED
- ENGINEER SHOULD BE CONTACTED IF CONTRACTOR CHANGES MANHOLE TYPE C FOR CATCHPIT, TO CONFIRM MANHOLE COVER SIZE

GENERAL NOTES:

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
- ALL ADAPTABLE DRAINAGE WORKS INCLUDING WORKS TO EXISTING PUBLIC SEWERS TO BE UNDERTAKEN IN ACCORDANCE WITH "SEWERS FOR ADOPTION 7th EDITION" AND "CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY 7th EDITION" AND CONSTRUCTED TO THE RELEVANT STATUTORY UNDERTAKERS DETAILS.
- ALL PRIVATE DRAINAGE WORKS TO BE IN ACCORDANCE WITH CURTINS DRAINAGE SPECIFICATION, "CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY 7th EDITION", BS EN 752 2017 DRAIN AND SEWER SYSTEMS OUTSIDE BUILDINGS' AND THE BUILDING REGULATIONS APPROVED 'DOCUMENT H'.
- ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
- THE CHAMBER SIZE OF MANHOLES WITH MORE THAN ONE CONNECTION MAY NEED TO BE INCREASED TO ACCOMMODATE THE CONNECTIONS AND BENDS.
- COVER LEVELS BASED ON LEVEL PLAN HRD-CUR-XX-00-DR-C-91-602
- ALL INTERNAL COVERS TO HAVE MECHANICALLY JOINTED CORNERS AND DOUBLE SEALED WITH RECESSED TRAY TO ALLOW FOR FINISHES.
- ALL MANHOLE, GULLY AND CHANNEL (ACCESS/OUTLET) COVERS (IRONWORK) SHOULD BE THE FOLLOWING SPECIFICATION:
 - B125 LOAD CLASS IN PEDESTRIAN AREAS
 - D400 LOAD CLASS IN VEHICULAR AREAS.ANY AMBIGUITIES ON DRAWINGS/ACCESS AND MAINTENANCE STRATEGY SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY.
- ALL SURFACE CHANNELS TO BE OF THE TREADSAFE TYPE, UNLESS OTHERWISE SPECIFIED.
- ALL PROPRIETARY PRODUCTS TO BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURERS REQUIREMENTS, INSTRUCTIONS AND RECOMMENDATIONS.

P08	UPDATED FOR NEW TENDER	02.02.24	ATL	MW
C03	AS CLOUDED	25.11.22	ATL	MW
C02	AS CLOUDED	24.10.22	MW	MW
C01	CONSTRUCTION ISSUE	27.09.22	MW	MW
P07	MAIN BUILDING (SIPHONIC DRAINAGE AMENDED).	19.08.22	ATL	MW