

SURFACE WATER NETWORK MANHOLE SCHEDULE									
Manhole ID	Cover Level (m)	Invert Level (m)	Manhole Depth to Invert Level (m)	Size (mm)	Chamber Type	Cover Loading	Cover Size (mm)	Notes	Setting out (Centre of Manhole)
SW.01	66.704	65.579	1.125	600x450	Concrete IC	D400	600x450		E=474101.8326 N=171761.7146
SW.02	66.586	65.472	1.114	600x450	Concrete IC	D400	600x450		E=474107.4326 N=171739.1522
SW.03	66.828	65.325	1.503	1200Ø	A1	D400	600x600		E=474124.2141 N=171728.3444
SW.04	66.641	65.516	1.125	600x450	Concrete IC	D400	600x450		E=474112.0186 N=171755.3001
SW.05	66.799	65.452	1.347	600x450	Concrete IC	D400	600x450		E=474126.2577 N=171756.9299
SW.06	66.917	65.638	1.279	1200Ø	A1	D400	600x600		E=474136.4368 N=171760.3758
SW.07	66.963	65.838	1.125	1200Ø	A1	D400	600x600		E=474136.0023 N=171770.3863
SW.08	66.975	66.376	0.599	450Ø	PPIC	C250	450x450		E=474152.0225 N=171786.2629
SW.09	66.975	65.935	1.040	1200Ø	A1	C250	600x600	400mm CATCHPIT	E=474185.1652 N=171790.5814
SW.10	66.838	65.675	1.163	450Ø	PPIC	B125	450x450	400mm CATCHPIT	E=474207.1930 N=171793.0187
SW.11	66.984	66.430	0.554	450Ø	PPIC	C250	450x450		E=474205.3198 N=171788.9457
SW.12	66.969	65.329	1.640	450Ø	PPIC	C250	450x450	400mm CATCHPIT. WITH RESTRICTOR CAP	E=474205.9805 N=171770.5237
SW.13	66.978	65.054	1.924	1200Ø	A1	D400	600x600		E=474195.2456 N=171769.2108
SW.14	67.000	65.900	1.100	1200Ø	A1	D400	600x600	400mm CATCHPIT	E=474180.4511 N=171767.2369
SW.15	66.975	65.650	1.325	1200Ø	A1	D400	600x600	400mm CATCHPIT	E=474180.5341 N=171745.8748
SW.16	66.909	65.809	1.100	1200Ø	A1	B125	600x600	400mm CATCHPIT	E=474195.1407 N=171745.3861
SW.17	66.867	65.516	1.351	1200Ø	A1	B125	600x600		E=474195.4778 N=171747.6577
SW.17a	66.828	65.599	1.229	600Ø	PPIC	C250	600x600		E=474199.0811 N=171747.6405
SW.17b	66.875	65.665	1.210	600Ø	PPIC	C250	600x600		E=474199.1437 N=171744.5094
SW.17c	66.848	65.741	1.107	600Ø	PPIC	C250	600x600		E=474202.9518 N=171744.2040
SW.17d	66.987	65.830	1.157	600Ø	PPIC	C250	600x600		E=474205.6107 N=171740.6527
SW.18	66.844	65.886	0.958	600Ø	PPIC	C250	600x600		E=474208.2113 N=171739.6442
SW.19	66.933	65.966	0.967	600Ø	PPIC	C250	600x600		E=474205.2266 N=171717.9269
SW.20	66.992	66.057	0.935	450Ø	PPIC	C250	450x450	400mm CATCHPIT	E=474190.8384 N=171719.8209
SW.21	66.948	66.222	0.726	450Ø	PPIC	C250	450x450	400mm CATCHPIT	E=474175.9020 N=171712.17469
SW.22	67.000	66.315	0.685	1200Ø	A1	C250	600x600	400mm CATCHPIT	E=474156.7685 N=171724.3835
SW.24	66.943	65.173	1.770	1200Ø	A1	D400	600x600		E=474138.5604 N=171719.1479
SW.25	66.710	65.585	1.125	600x450	Concrete IC	D400	600x450		E=474181.3057 N=171691.5650
SW.26	66.668	65.700	0.968	600x450	Concrete IC	D400	600x450		E=474188.2834 N=171686.5706
SW.27	66.630	65.492	1.138	600x450	Concrete IC	D400	600x450		E=474176.8023 N=171684.0436
SW.28	66.674	65.331	1.343	600x450	Concrete IC	D400	600x450		E=474151.2519 N=171680.8358
SW.29	66.931	65.090	1.841	1200Ø	A1	D400	600x600		E=474124.7922 N=171698.3435
SW.30	66.931	65.047	1.884	1200Ø	A1	D400	600x600	400mm CATCHPIT WITH BACKDROP	E=474117.6499 N=171687.5840
SW.31	66.868	64.891	1.977	1200Ø	A1	D400	600x600	HYDROBRAKE MANHOLE	E=474103.4573 N=171666.1838
SW.32	66.860	64.858	2.002	1200Ø	A1	D400	600x600	400mm CATCHPIT	E=474109.4901 N=171719.9636
SW.33	66.530	65.628	0.902	1200Ø	A1	D400	600x600	400mm CATCHPIT	E=474212.7461 N=171752.4482
SW.34	66.725	65.534	1.191	600Ø	PPIC	D400	300x300	400mm CATCHPIT	E=474211.2079 N=171732.8044
SW.35	66.682	65.354	1.328	600Ø	PPIC	D400	300x300	WITH RESTRICTOR CAP	E=474206.3215 N=171692.7809
SW.36	66.509	65.192	1.317	600Ø	PPIC	D400	300x300	WITH RESTRICTOR CAP	E=474193.4476 N=171658.7724
SW.37	66.487	65.132	1.355	600Ø	PPIC	D400	300x300	WITH RESTRICTOR CAP	E=474184.4063 N=171648.8002
SW.38	66.409	64.929	1.480	600Ø	PPIC	D400	300x300	WITH RESTRICTOR CAP	E=474145.5714 N=171672.8552
SW.39	66.331	64.864	1.467	600Ø	PPIC	D400	300x300	WITH RESTRICTOR CAP	E=474135.7574 N=171662.2477
SW.40	66.183	64.769	1.414	600Ø	PPIC	D400	300x300	WITH RESTRICTOR CAP	E=474124.9476 N=171644.8503
SW.41	66.011	65.495	0.516	600Ø	PPIC	D400	300x300	BACKDROP MANHOLE	E=474113.3289 N=171624.7556
SW.42	66.247	64.747	1.500	600Ø	PPIC	D400	300x300	WITH RESTRICTOR CAP	E=474118.6078 N=171644.0384
SW.43	66.724	64.671	2.053	600Ø	PPIC	D400	300x300	WITH RESTRICTOR CAP	E=474104.4760 N=171653.6841
SW.44	66.346	64.600	1.746	600Ø	PPIC	D400	300x300	WITH RESTRICTOR CAP	E=474100.4449 N=171647.2525
RWHVC	66.955	62.520	4.435	1500Ø	A1	C250	1200X1200	WTH 1200mm OPENING REDUCING SLAB	E=474118.6078 N=171644.0384
SWPC	66.955	62.489	4.466	1500Ø	A1	C250	1000x600	DESIGN DEPENDS ON PUMP MANUFACTURER	E=474205.0088 N=171767.4248

ALL DIMENSIONS SHOULD BE CHECKED ON SITE.

DO NOT SCALE FROM THE DRAWING.

ANY CHANGING DIMENSIONS ON THE DRAWINGS SHOULD BE BROUGHT TO THE ATTENTION OF BUILDING DESIGN PARTNERSHIP AT THE ADDRESS SHOWN BELOW.

CHANGING SHALL BE READ IN CONJUNCTION WITH THE FOLLOWING BEFORE WORK COMMENCES

- THE CON DESIGN ISSUES SHEET
- THE CON DESIGN SPECIFICATION
- THE PROJECT CONSTRUCTION ORDER

NOTES

- THIS DRAWING IS BASED ON:
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| 2.1. | TOPOGRAPHICAL AND UTILITIES SURVEY BY 1ST HORIZON
T-14-056899 DRAWING SERIES DATED 27.09.2020 |
| 2.2. | OUR DRAFT AS-BUILT EXISTING DIMENSIONS INFORMATION DATED
02.03.2024 |
| 2.3. | WHERE FURTHER LEVELS DATA IS REQUIRED, OUR DATA HAS BEEN
USED AND THIS IS ANNOTATED ON THE PLAN |
| 2.4. | LANDSCAPE SITE PLAN DATED 11.10.2024 |

2.5. ARCHITECTURAL FLOOR LAYOUT DATED 05.10.2024

2.6. PUBLIC HEALTH ENGINEER LAYOUT DATED 03.05.2024

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1. ALL DRAINAGE IS UPVC UNLESS OTHERWISE SPECIFIED. ALL SURFACE WATER DRAINS ARE 150mm DIAMETER AND ALL FOUL WATER DRAINS ARE 100mm DIAMETER UNLESS OTHERWISE SPECIFIED.
2. ALL REINFORCEMENT TO MEET MINIMUM COVER REQUIREMENTS FOR FLEXIBLE ASPHALT (PLASTIC). OTHERWISE CONCRETE ENCASEMENT REQUIRED FOR PROTECTION. MINIMUM COVER:
 - 0.6 FOR NON VEHICLE AREAS
 - 0.9m FOR VEHICLE AREAS

1. ALL COVERS TO BE RECESSED IN PAVED AREAS, AND ORIENTATED TO MATCH PAVING FINISHES.

3. ALL FOLL WATER AND GREY WATER DRAIN POINTS TO HAVE ABOVE GROUND

4. EXISTING DRAINAGE TO BE DEMOLISHED WITHIN THE BUILDING FOOTPRINT AND ABANDONED IN EXTERNAL AREAS.
5. REFER TO LANDSCAPE TYPICAL DETAILS FOR FURTHER INFO ON INTERFACE BETWEEN TREE PITS AND PERMEABLE PAVING BAYS.
6. ALL MANHOLE COVERS SHALL BE LOCKABLE IN ACCORDANCE WITH BS EN 124-1:2015. LOCKING MECHANISMS MUST BE TAMPER-RESISTANT AND SUITABLE FOR PREVENTING UNAUTHORIZED ACCESS.

NO.	DESCRIPTION	DATE	BY
208-	SURFACE WATER CLASH REDESIGN	COB	17/09/25
207-	SURFACE WATER CLASH REDESIGN	COB	15/09/25
206-	SURFACE WATER CLASH REDESIGN	COB	04/09/25
205-	U/R DRAINAGE AMENDMENTS	COB	18/08/25

Government

Property Agency

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7/8" A1 BELOW GROUND DRAINAGE	1/2" A1
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MANHOLE SCHEDULE SHEET 01

17/01/25	
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CMWF-BDP-ZZ-ZZ-DR-C-000104	C08
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