



IDENTIFIES RISKS DURING THE CONSTRUCTION PROCESS ON THE DRAWINGS:

NOTE: The list below and notes on the drawing identify risks which are deemed to be unusual, abnormal, residual or unexpected to a competent contractor carrying out the works. These notes relate to risks which we have been unable to design out.

MANHOLE SCHEDULE															
MH	CL	IL_IN	IL_OUT	Depth	PIPEØ	OUT	MANHOLE DEPTH	MANHOLE TYPE	MH_SIZE	IC_SIZE	COVER TYPE	COVER SIZE	FLOW CONTROL	EASTING	NORTHING
CV01	21.90	18.65	18.65 TBC		600			B	1800 MH SW		D400	1200x675	-	472530.052	107989.151
F001	26.12		25.02	1.100	110		1.100			450Ø	B125	-	-	472545.884	108097.588
F002	26.12		24.95	1.170	110		1.170			450Ø	B125	-	-	472550.735	108095.614
F003	25.97		25.32	0.650	110		0.650			450Ø	B125	-	-	472568.955	108096.391
F004	25.97		25.22	0.750	110		0.750			450Ø	B125	-	-	472567.369	108093.228
F005	25.97		25.15	0.820	110		0.820			450Ø	B125	-	-	472564.956	108088.146
F005a	25.96		25.11	0.850	110		0.850			450Ø	B125	-	-	472563.225	108084.626
F006	25.28		25.04	0.240	110		0.240			450Ø	B125	-	-	472558.693	108081.485
F007	25.96		24.84	1.120	110		1.120			450Ø	B125	-	-	472547.177	108087.542
F007a	25.84		24.34	1.500	110		1.500			450Ø	B125	Restricted to 350Ø	-	472548.240	108086.256
F009	26.14		24.99	1.150	110		1.150			450Ø	B125	-	-	472519.642	108073.922
F010	26.14		25.05	1.090	110		1.090			450Ø	B125	-	-	472521.055	108073.766
F011	25.54		24.43	1.110	110		1.110			450Ø	B125	-	-	472524.416	108072.231
F012	25.54		24.44	1.100	110		1.100			450Ø	B125	-	-	472529.366	108069.972
F013	25.06		24.15	0.910	110		0.910			450Ø	B125	-	-	472547.644	108069.517
F014	24.99		24.20	0.790	110		0.790			450Ø	B125	-	-	472547.202	108066.758
F015	24.96		24.11	0.850	110		0.850			450Ø	B125	-	-	472546.305	108066.714
F016	24.76	23.31	23.26	1.500	160		1.500	B	1200 MH FW		D400	-	-	472538.428	108065.319
F017	25.17		24.17	1.000	110		1.000			450Ø	B125	-	-	472518.611	108057.680
F018	25.19		24.18	1.010	110		1.010			450Ø	B125	-	-	472517.101	108055.464
F019	25.17		24.11	1.060	110		1.060			450Ø	B125	-	-	472516.780	108053.608
F020	24.25		23.42	0.830	110		0.830			450Ø	B125	-	-	472532.293	108036.571
F021	24.34		23.43	0.910	110		0.910			450Ø	B125	-	-	472534.853	108039.488
F021a	24.34		23.43	0.910	110		0.910			450Ø	B125	-	-	472535.472	108040.940
F021b	24.26		23.31	0.950	110		0.950			450Ø	B125	-	-	472535.956	108044.584
F022	24.29	22.85	22.79	1.500	160		1.500	B	1200 MH FW		D400	-	-	472530.116	108047.316
F023	24.16		22.85	1.310	110		1.310			450Ø	C250	Restricted access to 350Ø	-	472499.269	108029.123
F023a	24.13		23.17	0.960	110		0.960			450Ø	C250	-	-	472502.141	108028.621
F024	24		22.83	1.170	110		1.170			450Ø	B125	-	-	472505.479	108027.147
F025	23.96		22.97	0.990	110		0.990			450Ø	B125	-	-	472508.105	108025.953
F026	23.94		22.81	1.130	110		1.130			450Ø	B125	-	-	472511.997	108024.152
F027	23.84		22.11	1.730	110		1.730			450Ø	B125	Restricted access to 350Ø	-	472513.518	108022.895
F028	23.49		22.45	1.040	110		1.040			450Ø	B125	-	-	472521.106	108011.890
F029	23.49		22.50	0.990	110		0.990			450Ø	B125	-	-	472522.607	108013.130
F030	23.51		22.36	1.150	110		1.150			450Ø	C250	-	-	472524.095	108018.007
F031	23.54	22.00	22.00	1.540	160		1.540	B	1200 MH FW		D400	-	-	472517.919	108020.898
F032	23.01	21.80	21.51	1.500	160		1.500	B	1200 MH FW		D400	-	-	472512.598	108009.374
F033	21.56		20.80	0.760	110		0.760			450Ø	B125	-	-	472537.837	107987.187
F034	21.58		20.82	0.760	110		0.760			450Ø	B125	-	-	472540.084	107985.302
F035	21.57		20.83	0.740	110		0.740			450Ø	B125	-	-	472541.979	107982.245
F036	21.37		20.61	0.760	110		0.760			450Ø	B125	-	-	472546.170	107976.043
F037	21.35		20.59	0.760	110		0.760			450Ø	B125	-	-	472548.395	107972.699
F038	21.31		20.45	0.860	110		0.860			450Ø	B125	-	-	472549.371	107969.879
F039	20.66		19.95	0.710	110		0.710			450Ø	B125	-	-	472576.255	107954.487
F040	20.60		19.94	0.660	110		0.660			450Ø	B125	-	-	472574.725	107955.857
F041	20.97		20.21	0.760	110		0.760			450Ø	B125	-	-	472571.751	107957.000
F042	20.96		20.21	0.750	110		0.750			450Ø	B125	-	-	472564.674	107959.195
F043	20.96		20.19	0.770	110		0.770			450Ø	B125	-	-	472562.145	107960.257
F043a	20.93		20.29	0.640	110		0.640			450Ø	B125	-	-	472559.534	107961.165
F044	20.94		19.68	1.260	110		1.260			450Ø	B125	Restricted access to 350Ø	-	472555.297	107960.936
F045	20.90		19.64	1.260	110		1.260			450Ø	B125	Restricted access to 350Ø	-	472554.028	107958.092
F046	20.58	19.05	19.00	1.580	160		1.580	B	1200 MH FW		D400	-	-	472552.801	107948.817
F047	20.59		19.69	0.900	110		0.900			450Ø	B125	-	-	472607.990	108076.367
F048	20.60		19.72	0.880	110		0.880			450Ø	B125	-	-	472605.201	108072.278
F049	20.61		19.71	0.900	110		0.900			450Ø	B125	-	-	472602.293	108066.169
F049A	20.61		19.53	1.080	110		1.080			450Ø	B125	-	-	472602.133	108064.976
F050	20.60		19.70	0.900	110		0.900			450Ø	B125	-	-	472600.860	108062.390
F051	20.60		19.49	1.110	110		1.110			450Ø	B125	-	-	472601.390	108062.114
F052	20.60		19.69	0.910	110		0.910			450Ø	B125	-	-	472598.266	108057.774
F053	20.64		19.38	1.260	110		1.260			450Ø	B125	Restricted access to 350Ø	-	472597.010	108054.706
F055	20.64		19.95	0.690	110		0.690			450Ø	B125	-	-	472578.028	108041.595
F056	20.62		19.94	0.680	110		0.680			450Ø	B125	-	-	472578.808	108040.778
F057	20.68		19.98	0.700	110		0.700			450Ø	B125	-	-	472582.274	108038.889
F058	20.73		19.98	0.750	110		0.750			450Ø	B125	-	-	472588.295	108035.569
F059	20.73		19.97	0.760	110		0.760			450Ø	B125	-	-	472590.824	108034.230
F060	20.67		19.93	0.740	110		0.740			450Ø	B125	-	-	472613.316	108022.392
F061	20.62		19.94	0.680	110		0.680			450Ø	B125	-	-	472611.617	108022.791
F062	20.70		19.96	0.740	110		0.740			450Ø	B125	-	-	472608.111	108024.748
F063	20.73		19.96	0.770	110		0.770			450Ø	B125	-	-	472602.168	108028.056
F064	20.71		19.94	0.770	110		0.770			450Ø	B125	-	-	472596.537	108031.169
F065	20.60		19.31	1.290	110		1.290			450Ø	B125	Restricted access to 350Ø	-	472595.046	108032.340
F066	20.53	19.20	19.15	1.380	160		1.380	B	1350 MH FW		D400	1200x675	-	472599.460	108039.939
F067	20.68		19.76	0.920	110		0.920			450Ø	B125	-	-	472625.133	108040.520
F068	20.64		19.77	0.870	110		0.870			450Ø	B125	-	-	472625.021	108041.896
F069	20.71		19.81	0.900	110		0.900			450Ø	B125	-	-	472627.773	108046.783
F070	20.78		19.91	0.870	110		0.870			450Ø	B125	-	-	472630.071	108050.975
F071	20.83		19.89	0.940	110		0.940			450Ø	B125	-	-	472635.368	108059.163

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- GENERAL NOTES
1.

All setting out to be in accordance with the Architects drawings. Any discrepancies between the Engineers and the Architects drawings to be referred to the Architect before proceeding. Dimensions must not be scaled.
2.

All drainage to be installed in accordance with relevant Building Regulations documents and Current Sewers for Adoption where applicable.
3.

Connections to Public sewers to be agreed and inspected by Water Authority.
4.

Invert level, size and cover levels to existing manholes and sewers to be checked prior to any construction. Any discrepancies to be reported immediately.
5.

Invert to base of soil stack bends to be 450mm below lowest branch connection for up to 3 storeys buildings. For buildings up to 5 storeys the invert to base of soil stack bends should be not less than 750mm.
6.

All RWP and Foul Water drain point setting out is to be confirmed by Architect.
7.

All RWP & SVP sizes & setting out by Architect / M&E Engineer. All below ground connections to match above ground outlet size, Min 100/110mm diameter.
8.

Foul drains to project 100mm above finished floor level.
9.

All internal Manholes and Inspection Chambers to have double sealed recessed covers to suit floor finishes by Architect.
10.

All external covers in footpaths and roads in non tarmac areas to have recessed trays to suit the paving material.
11.

Refer to drainage specification for pipe materials.
12.

All pipework to be 100/110Ø UNO. Refer to note 7 connection sizes.
13.

All foul and surface water drainage stacks to have above ground rodding access, refer to above ground drainage layout by others.
14.

This drawing has been produced in colour and should be reproduced in colour for clarity.
15.

A CCTV Survey and report in WINCAN format for all new drainage will be required before the "As Built" drawings will be issued.

C01 Construction issue
T01 Tender Issue

KD GT 08.07.20
NJ GT 15.05.20

Rev. Amendment Dm Chkd Date

Drg Status Suitability

CONSTRUCTION A1

AKSWard²

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Client

DREW SMITH LIMITED

Project

Colt Industrial Estate
Havant

Title

Manhole Schedule
Sheet 1 of 4

Reviewed Scheme GT Date 15.05.20

Reviewed Final GT Date 08.07.20

Scales at A1 NTS Project No. S198061

Project Ref. Originator Zone Level Type Role Drg No. Rev.

CIE · AKSW · XX · XX · DR · C · 9210 – C01