



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	
S023	24.16		23.39	0.770	150	0.770			450Ø	B125	-	-	472536.099	108047.875	
S024	25.18		24.63	0.550	150	0.550			450Ø	B125	-	-	472515.006	108065.371	
S025	25.17		24.57	0.600	150	0.600			460Ø	B125	-	-	472520.700	108062.740	
S026	25.18		24.63	0.550	150	0.550			450Ø	B125	-	-	472507.514	108049.474	
S027	25.18		24.57	0.610	150	0.610			450Ø	B125	-	-	472513.206	108046.872	
S028	25.15		24.30	0.850	150	0.850			450Ø	B125	-	-	472515.812	108049.313	
S029	24.58		23.57	1.010	150	1.010			450Ø	B125	-	-	472528.249	108055.006	
S029a	24.82		23.62	1.200	150	1.200			450Ø	B125	-	-	472529.592	108058.192	
S030	24.30		23.44	0.860	150	0.860			450Ø	B125	-	-	472524.079	108045.601	
S030a	24.29		23.60	0.690	150	0.690			450Ø	B125	-	-	472523.145	108043.323	
S031	24.17		23.64	0.530	150	0.530			450Ø	B125	-	-	472539.999	108029.700	
S032	23.92		23.58	0.340	150	0.340			450Ø	B125	-	-	472527.249	108029.133	
S033	24.11		23.52	0.590	150	0.590			450Ø	B125	-	-	472529.633	108034.365	
S034	24.27		23.27	1.000	150	1.000			450Ø	B125	-	-	472521.157	108038.789	
S035	23.88		22.85	1.030	150	1.030			450Ø	B125	-	-	472514.632	108024.898	
S037	23.88		23.14	0.740	150	0.740			450Ø	B125	-	-	472526.762	108028.168	
S039	23.48		22.89	0.590	150	0.590			450Ø	B125	-	-	472531.936	108012.279	
S040	23.40		22.77	0.630	150	0.630			450Ø	B125	-	-	472521.588	108016.858	
S041	24.17		22.98	1.190	150	1.190			450Ø	B125	-	-	472502.636	108040.295	
S042	24.22		22.83	1.390	150	1.390			450Ø	B125	Restricted access to 350Ø	-	472496.590	108026.997	
S043	23.83		22.72	1.110	150	1.110			450Ø	B125	-	-	472504.074	108022.018	
S044	22.98	21.80	21.80	1.180	225	1.180	B	1350 MH SW		D400	1200x675	-	472509.955	108007.916	
S045	21.48		20.80	0.680	150	0.680			450Ø	B125	-	-	472542.970	107994.450	
S046	21.59		20.72	0.870	150	0.870			450Ø	C250	-	-	472533.489	107988.108	
S046A	21.53		20.50	1.030	150	1.030			450Ø	C250	-	-	472534.652	107981.693	
S046B	21.20		20.34	0.860	150	0.860			450Ø	C250	-	-	472543.098	107968.377	
S047	21.21	20.12	20.05	1.160	300	1.160	B	1350 MH SW		D400	1200x675	-	472531.930	107975.926	
S048	21.53		20.88	0.650	150	0.650			450Ø	B125	-	-	472536.990	107987.031	
S049	21.42		20.89	0.530	150	0.530			450Ø	B125	-	-	472547.643	107994.226	
S050	21.18		20.66	0.520	150	0.520			450Ø	B125	-	-	472560.785	107974.696	
S051	21.17		20.52	0.650	150	0.650			450Ø	C250	-	-	472549.858	107967.152	
S052	20.58		19.95	0.630	150	0.630			450Ø	B125	-	-	472546.651	107946.412	
S054	20.60		19.75	0.850	150	0.850			450Ø	B125	-	-	472558.372	107939.832	
S055	20.39	18.57	18.50	1.890	375	1.890	B	1500 MH SW		D400	-	-	472560.103	107935.215	
S056	20.20	18.05	18.05	2.150	375	2.150	Concrete Catchpit	1500 MH SW		D400	-	-	472559.542	107930.497	
S057	20.62		20.01	0.610	150	0.610			450Ø	B125	-	-	472663.853	108057.186	
S058	20.66		19.82	0.840	150	0.840			450Ø	B125	-	-	472647.705	108066.030	
S059	20.77		20.10	0.670	150	0.670			450Ø	B125	-	-	472632.141	108072.741	
S059a	20.77		20.20	0.570	150	0.570			450Ø	B125	-	-	472628.351	108069.701	
S060	20.84		20.03	0.810	150	0.810			450Ø	B125	-	-	472641.336	108067.644	
S061	20.60		19.69	0.910	150	0.910			450Ø	B125	-	-	472641.494	108054.627	
S062	20.56		20.04	0.520	150	0.520			450Ø	B125	-	-	472675.061	108044.891	
S063	20.51		19.88	0.630	150	0.630			450Ø	B125	-	-	472666.671	108030.489	
S064	20.69		19.97	0.720	150	0.720			450Ø	B125	-	-	472652.311	108045.329	
S065	20.59		19.68	0.910	150	0.910			450Ø	B125	-	-	472649.604	108040.264	
S065a	20.67		20.00	0.670	150	0.670			450Ø	B125	-	-	472645.202	108049.139	
S066	20.40		19.55	0.850	150	0.850			450Ø	B125	-	-	472663.833	108023.241	
S067	20.48		19.37	1.110	150	1.110			450Ø	B125	-	-	472639.986	108036.173	
S068	20.34		19.55	0.790	150	0.790			450Ø	B125	-	-	472660.373	108016.923	
S069	20.48		19.37	1.110	150	1.110			450Ø	B125	-	-	472636.745	108030.213	
S070	20.79		20.19	0.600	150	0.600			450Ø	B125	-	-	472627.663	108067.191	
S071	20.76		20.07	0.690	150	0.690			450Ø	B125	-	-	472637.540	108061.672	
S072	20.71		20.04	0.670	150	0.670			450Ø	B125	-	-	472619.509	108053.861	
S073	20.63		20.04	0.590	150	0.590			450Ø	B125	-	-	472614.581	108044.621	
S074	20.65		19.81	0.840	150	0.840			450Ø	B125	-	-	472624.968	108038.907	
S075	20.60		19.95	0.650	150	0.650			450Ø	B125	-	-	472631.474	108046.302	
S076	20.60		19.90	0.700	150	0.700			450Ø	B125	-	-	472591.228	108085.849	
S077	20.57		19.68	0.890	150	0.890			450Ø	B125	-	-	472580.527	108066.437	
S078	20.51	19.20	19.20	1.310	150	1.310	B	1350 MH SW		D400	1200x675	-	472581.238	108059.243	
S079	20.46	19.16	19.16	1.300	150	1.300	B	1350 MH SW		D400	1200x675	-	472578.417	108054.076	
S080	20.59		20.03	0.560	150	0.560			450Ø	B125	-	-	472608.679	108076.344	
S081	20.61		19.90	0.710	150	0.710			450Ø	B125	-	-	472602.773	108064.825	
S082	20.61		19.87	0.740	150	0.740			450Ø	B125	-	-	472601.860	108061.404	
S083	20.72		19.77	0.950	150	0.950			450Ø	B125	-	-	472596.810	108052.466	
S084	20.70		19.95	0.750	150	0.750			450Ø	B125	-	-	472590.217	108054.468	
S085	20.70		19.85	0.850	150	0.850			450Ø	B125	-	-	472606.104	108045.684	
S085a	20.71		19.78	0.930	150	0.930			450Ø	B125	-	-	472600.266	108048.913	
S085b	20.71		19.71	1.000	150	1.000			450Ø	B125	-	-	472595.132	108051.753	
S086	20.71		19.85	0.860	150	0.860			450Ø	B125	-	-	472613.302	108041.846	
S087	20.71		19.79	0.920	150	0.920			450Ø	B125	-	-	472618.151	108039.199	
S088	20.64		20.04	0.600	150	0.600			450Ø	B125	-	-	472571.670	108032.873	
S089	20.66		19.93	0.730	150	0.730			450Ø	B125	-	-	472577.037	108042.592	
S090	20.62		20.04	0.580	150	0.580			450Ø	B125	-	-	472609.168	108011.913	
S091	20.68		19.93	0.750	150	0.750			450Ø	B125	-	-	472614.639	108022.007	
S092	20.67		19.55	1.120	150	1.120			450Ø	B125	-	-	472610.501	108024.254	
S093	20.62		19.95	0.670	150	0.670			450Ø	B125	-	-	472585.167	108045.117	
S094	20.64		19.49	1.150	150	1.150			450Ø	B125	-	-	472613.364	108029.357	
S095	20.59	18.87	18.80	1.790	225	1.790	B	1200 MH SW		D400	-	-	472616.612	108033.019	

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GENERAL NOTES

- 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.
- All drainage to be installed in accordance with relevant Building Regulations documents and Current Sewers for Adoption where applicable.
- Connections to Public sewers to be agreed and inspected by Water Authority.
- Invert level, size and cover levels to existing manholes and sewers to be checked prior to any construction. Any discrepancies to be reported immediately.
- 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.
- All RWP and Foul Water drain point setting out is to be confirmed by Architect.
- 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.
- Foul drains to project 100mm above finished floor level.
- All internal Manholes and Inspection Chambers to have double sealed recessed covers to suit floor finishes by Architect.
- All external covers in footpaths and roads in non tarmac areas to have recessed trays to suit the paving material.
- Refer to drainage specification for pipe materials.
- All pipework to be 100/110Ø UNO. Refer to note 7 connection sizes.
- All foul and surface water drainage stacks to have above ground rodding access, refer to above ground drainage layout by others.
- This drawing has been produced in colour and should be reproduced in colour for clarity.
- 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	KD	GT	08.07.20
T02	Minor revision due to updated site layout	KD	GT	06.07.20
T01	Tender Issue	NJ	GT	15.05.20

Rev.

Amendment

Dm

Chkd

Date

Drg Status

Suitability

CONSTRUCTION

A1



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Client

DREW SMITH

LIMITED

Project

**Colt Industrial Estate
Havant**

Title		Manhole Schedule Sheet 3 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	Dir. No.	Rev.
CIE AKSW XX XX DR C 9212 C01							