



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
S096	20.61	18.72	18.65	1.960	300	1.960	B	1200 MH SW		D400	-	-	472626.618	108027.245
S097	20.68		19.95	0.730	150	0.730			450Ø	B125	-	-	472616.104	108014.551
S098	20.61		19.91	0.700	150	0.700			450Ø	B125	-	-	472613.373	108009.579
S099	20.60		20.01	0.590	150	0.590			450Ø	B125	-	-	472585.047	108013.379
S099a	0.00		19.75	-19.750	150	-19.750			450Ø	B125	-	-	472608.381	108000.776
S099b	0.00		19.72	-19.720	150	-19.720			450Ø	B125	-	-	472609.771	107998.777
S100	20.76		19.84	0.920	150	0.920			450Ø	B125	-	-	472601.569	107984.562
S101	20.40		19.95	0.450	150	0.450			450Ø	B125	-	-	472574.084	108056.440
S102	20.47		19.73	0.740	150	0.740			450Ø	B125	-	-	472558.045	108028.005
S103	20.67		19.95	0.720	150	0.720			450Ø	B125	-	-	472574.434	108043.807
S104	20.70		19.84	0.860	150	0.860			450Ø	B125	-	-	472566.728	108029.673
S105	20.53	19.20	19.20	1.330	150	1.330	B	1350 MH SW		D400	1200x675	-	472562.312	108023.243
S105A	0.00		20.05	-20.050	150	-20.050			450Ø	B125	-	-	472576.056	108016.179
S106	0.00		19.95	-19.950	150	-19.950			450Ø	B125	-	-	472554.391	108019.777
S107	0.00		19.84	-19.840	150	-19.840			450Ø	B125	-	-	472546.409	108004.728
S108	0.00		19.03	-19.030	150	-19.030			450Ø	B125	-	-	472550.415	108000.845
S109	0.00		20.04	-20.040	150	-20.040			450Ø	B125	-	-	472575.181	108013.382
S110	20.63		18.89	1.740	150	1.740			450Ø	B125	Restricted access to 350Ø	-	472568.590	107990.641
S111	20.71		18.83	1.880	150	1.880			450Ø	B125	Restricted access to 350Ø	-	472577.766	107990.538
S112	20.60		20.04	0.560	150	0.560			450Ø	B125	-	-	472581.367	108003.319
S113	20.75		19.82	0.930	150	0.930			450Ø	B125	-	-	472601.916	107992.407
S114	20.70		18.69	2.010	150	2.010			450Ø	B125	Restricted access to 350Ø	-	472595.766	107980.491
S115	20.60		19.95	0.650	150	0.650			450Ø	B125	-	-	472568.697	107987.381
S116	20.60		19.79	0.810	150	0.810			450Ø	B125	-	-	472589.507	107975.861
S117	20.62	18.33	18.26	2.360	375	2.360	B	1500 MH SW		D400	-	-	472595.732	107971.925
S118	20.76		19.95	0.810	150	0.810			450Ø	B125	-	-	472593.006	107968.999
S119	20.71		19.89	0.820	150	0.820			450Ø	B125	-	-	472588.262	107960.600
S120	20.91		20.17	0.740	150	0.740			450Ø	B125	-	-	472558.873	107959.081
S121	20.70		20.00	0.700	150	0.700			450Ø	B125	-	-	472575.149	107953.453
S122	20.82		20.09	0.730	150	0.730			450Ø	B125	-	-	472563.194	107972.095
S123	20.58		19.90	0.680	150	0.680			450Ø	B125	-	-	472581.200	107965.941
S124	20.75		19.81	0.940	150	0.940			450Ø	B125	-	-	472580.454	107956.846
S125	20.68		19.95	0.730	150	0.730			450Ø	B125	-	-	472585.549	107961.002
S126	20.74		19.73	1.010	150	1.010			450Ø	B125	-	-	472582.829	107956.053
S127	20.58		19.85	0.730	150	0.730			450Ø	B125	-	-	472639.385	107999.036
S127	20.57		20.04	0.530	150	0.530			450Ø	B125	-	-	472648.461	108015.635
S128	20.69		20.02	0.670	150	0.670			450Ø	B125	-	-	472637.237	108021.177
S129	20.63		19.73	0.900	150	0.900			450Ø	B125	-	-	472628.443	108005.055
S130	20.54		19.70	0.840	225	0.840			450Ø	B125	-	-	472632.975	108026.448
S131	20.61		19.39	1.220	225	1.220			450Ø	B125	Restricted access to 350Ø	-	472611.018	107986.371
S132	20.57		20.04	0.530	150	0.530			450Ø	B125	-	-	472636.218	107992.481
S133	20.56		19.85	0.710	150	0.710			450Ø	B125	-	-	472627.274	107976.294
S134	20.68		20.02	0.660	150	0.660			450Ø	B125	-	-	472624.653	107998.822
S135	20.63		19.72	0.910	150	0.910			450Ø	B125	-	-	472615.675	107982.601
S136	20.58		20.04	0.540	150	0.540			450Ø	B125	-	-	472623.880	107971.157
S137	20.57		19.86	0.710	150	0.710			450Ø	B125	-	-	472614.854	107954.577
S138	20.68		20.02	0.660	150	0.660			450Ø	B125	-	-	472612.502	107976.934
S139	20.63		19.73	0.900	150	0.900			450Ø	B125	-	-	472603.808	107960.650
S140	20.61		19.18	1.430	225	1.430			450Ø	B125	Restricted access to 350Ø	-	472595.239	107957.991
S141	20.57		20.04	0.530	150	0.530			450Ø	B125	-	-	472611.571	107948.682
S142	20.56		19.85	0.710	150	0.710			450Ø	B125	-	-	472602.397	107931.599
S143	20.68		20.02	0.660	150	0.660			450Ø	B125	-	-	472599.980	107954.471
S144	20.62		19.72	0.900	150	0.900			450Ø	B125	-	-	472590.801	107937.847
S145	20.60		19.05	1.550	225	1.550			600Ø	B125	Restricted access to 350Ø	-	472585.535	107940.685
S146	20.50	18.08	18.08	2.420	375	2.420	B	1500 MH SW		D400	-	-	472578.948	107940.588
S146a	20.20		18.05	2.150	375	2.150	Concrete Catchpit	1500 MH SW		D400	-	-	472578.516	107928.057
S147	20.25	18.00	18.00	2.250	375	2.250	Flow Control	1800 MH SW		D400	-	Hydro-brake 64 l/s. Head 2.3m	472595.504	107925.850

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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
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 4 of 4**

Reviewed Scheme	GT	Date	15.05.20
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Reviewed Final	GT	Date	08.07.20
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Scales at A1	NTS	Project No.	S198061
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Project Ref.	Originator	Zone	Level	Type	Role	Drg No.	Rev.
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