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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 100/110ØØ 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.

FOUL MANHOLE SCHEDULE

MH No.	COVER LEVEL (m)	INVERT LEVEL (m)	DEPTH TO SOFFIT (m)	MH DIAMETER (mm)	MH TYPE	MH COVER GRADE	EASTING (m)	NORTHING (m)
F1	26.690	25.340	1.200	1200	C	D400	449772.386	111914.997
F2	26.420	24.840	1.430	1200	C	D400	449811.876	111921.154
F3	26.620	24.270	1.200	1200	C	D400	449835.760	111927.997
F4	26.630	25.280	1.200	1200	C	D400	449818.801	111977.850
F5	24.900	23.550	1.200	1200	C	D400	449855.674	111936.128
F6	24.280	22.930	1.200	1200	C	D400	449875.910	111949.764
F7	23.630	22.280	1.200	1200	C	D400	449893.393	111969.580
F8	23.270	21.920	1.200	1200	C	D400	449901.162	111982.178
F9	23.500	22.150	1.200	1200	C	D400	449871.900	112031.327
F10	24.310	21.500	2.660	1200	B	D400	449912.588	112018.543
F11	20.840	19.490	1.200	1200	C	D400	449926.253	112063.086
F12	20.000	18.850	1.000	1200	C	D400	449936.151	112100.566
F13	20.250	18.760	1.340	1200	C	D400	449925.128	112107.311
F14	28.650	27.300	1.200	1200	C	D400	449736.461	111961.585
F15	28.290	26.500	1.640	1200	B	D400	449756.270	111978.954
F16	28.300	26.300	1.850	1200	B	D400	449751.673	111984.295
F17	28.040	26.600	1.290	1200	C	D400	449709.451	112020.402
F18	27.670	26.200	1.320	1200	C	D400	449726.173	112034.782
F19	26.360	25.000	1.210	1200	C	D400	449750.677	112056.276
F20	27.550	24.250	3.150	1200	A	D400	449786.764	112014.907
F21	27.200	24.150	2.900	1200	B	D400	449796.457	112019.626
F22	26.200	23.400	2.650	1200	B	D400	449813.263	112034.252
F23	24.310	21.300	2.860	1200	B	D400	449847.716	112063.029
F24	22.890	19.700	3.04	1200	A	D400	449858.535	112096.110
F25	21.920	18.335	3.435	1200	A	D400	449866.969	112124.916
F26	21.880	18.246	3.484	1200	A	D400	449856.118	112132.556
F27	24.650	21.000	3.500	1200	A	D400	449776.870	112079.245
F28	22.220	19.000	3.070	1200	A	D400	449820.088	112132.473
F29	21.920	18.135	3.635	1200	A	D400	449837.140	112133.981
F30	21.300	18.050	3.100	1200	A	D400	449836.257	112145.983
F31	20.370	17.980	2.600	1200	B	D400	449831.834	112154.766
F32	20.120	17.910	2.060	1200	B	D400	449833.111	112165.101
F33	19.600	17.021	2.429	1200	B	D400	449841.432	112174.039

SURFACE WATER MANHOLE SCHEDULE

MH No.	COVER LEVEL (m)	INVERT LEVEL (m)	DEPTH TO SOFFIT (m)	MH DIAMETER (mm)	MH TYPE	FLOW CONTROL (l/s)	MH COVER GRADE	EASTING (m)	NORTHING (m)
S1	29.630	28.330	1.150	1200	C	–	D400	449706.426	111934.396
S2	29.240	27.950	1.140	1200	C	–	D400	449705.248	111958.272
S3	28.660	27.150	1.360	1200	C	–	D400	449735.826	111959.782
S4	27.440	26.015	1.200	1200	C	–	D400	449781.427	111952.939
S5	28.230	25.700	2.305	1200	B	–	D400	449758.724	111979.316
S6	27.750	26.325	1.200	1200	C	–	D400	449730.581	112010.954
S7	28.250	25.650	2.375	1800	B	6.0 (Orifice)	D400	449754.679	111984.017
S8	27.640	25.200	2.215	1200	B	–	D400	449785.011	112011.098
S9	27.590	25.120	2.245	1200	B	–	D400	449791.114	112008.031
S10	26.700	24.500	1.975	1200	B	45.0 (Orifice)	D400	449817.324	111977.785
S11	29.170	27.860	1.160	1200	C	–	D400	449724.460	111893.041
S12	28.250	26.940	1.160	1200	C	–	D400	449752.900	111907.050
S13	27.600	26.310	1.140	1200	C	–	D400	449774.388	111913.827
S14	26.430	25.120	1.160	1350	C	35.0 (Orifice)	D400	449810.581	111919.663
S15	25.680	24.300	1.230	1200	C	–	D400	449833.957	111925.999
S16	24.910	23.010	1.675	1200	B	95.0 (Orifice)	D400	449855.234	111934.034
S17	24.210	22.800	1.260	1200	C	–	D400	449878.066	111950.064
S18	23.560	21.700	1.560	2100	B	45.0 (Hydrobrake)	D400	449895.415	111970.129
S19	23.190	21.400	1.490	1200	C	–	D400	449903.030	111982.896
S20	22.280	20.800	1.180	2100	C	–	D400	449914.978	112016.304
S21	22.100	20.700	1.100	2100	C	60.0 (Orifice)	D400	449934.402	112010.461
S22	19.600	18.250	1.125	1200	C	–	D400	449964.317	112087.079
S23	19.600	18.150	1.225	1200	C	3.5 (Hydrobrake)	D400	449966.385	112097.259
S24	28.470	27.130	1.190	1200	C	–	D400	449701.492	112001.511
S25	28.260	26.910	1.200	1200	C	–	D400	449705.125	112014.003
S26	27.870	26.520	1.200	1200	C	–	D400	449723.271	112030.153
S27	26.430	25.125	1.005	1200	C	–	D400	449751.022	112054.292
S28	26.900	25.000	1.600	1200	B	–	D400	449763.187	112040.169
S29	27.590	24.750	2.540	1200	B	–	D400	449784.112	112015.218
S30	27.200	24.650	2.250	1200	B	–	D400	449796.842	112021.513
S31	26.430	24.500	1.630	1200	B	–	D400	449809.047	112032.184
S32	24.990	23.690	1.000	1200	C	–	D400	449844.780	112017.768
S33	25.650	23.900	1.450	1200	C	–	D400	449800.019	112070.181
S34	25.690	23.395	1.995	1800	B	12.0 (Orifice)	D400	449822.482	112043.492
S35	24.320	22.605	1.415	1200	C	9.5 (Orifice)	D400	449846.929	112064.682
S36	23.020	21.315	1.405	1200	C	12.0 (Orifice)	D400	449856.755	112094.208
S37	22.200	20.495	1.405	1200	C	–	D400	449862.811	112116.846
S38	24.370	23.080	1.065	1200	C	–	D400	449784.383	112082.658
S39	22.260	20.000	1.960	1800	B	–	D400	449821.348	112129.677
S40	21.930	19.200	2.430	2100	B	28.0 (Orifice)	D400	449857.194	112129.554
S41	24.050	20.750	1.075	1200	C	–	D400	449856.470	112048.960
S42	24.220	21.590	2.405	1200	B	–	D400	449857.581	112017.182
S43	23.530	21.200	2.105	1200	B	–	D400	449871.967	112029.347
S44	22.970	21.000	1.670	2100	B	5.5 (Orifice)	D400	449890.930	112023.537
S45	22.320	20.800	1.220	1200	C	–	D400	449909.166	112018.052
S46	21.910	20.540	1.145	1200	C	–	D400	449918.170	112030.818
S47	21.860	19.900	1.735	1200	B	–	D400	449902.335	112066.827
S48	20.890	19.100	1.490	1200	C	6.0 (Orifice)	D400	449926.766	112060.358
S49	20.020	18.600	1.120	1500	C	–	D400	449937.413	112098.188
S50	21.520	20.220	1.150	1200	C	–	D400	449881.109	112121.893
S51	20.170	18.900	1.120	1500	C	–	D400	449927.113	112108.565
S52	19.950	18.500	1.225	1500	C	18.0 (Orifice)	D400	449937.081	112102.513
S53	19.800	18.350	1.150	1800	C	–	D400	449942.128	112105.526
S54	19.800	18.300	1.200	1800	C	19.5 (Hydrobrake)	D400	449953.081	112101.344
S55	18.800	17.300	1.200	2100	C	21.9 (Hydrobrake)	D400	449968.110	112100.571
S56	17.400	15.950	1.150	2100	C	–	D400	449985.610	112107.579
S57	16.550	15.650	0.600	1200	C	–	D400	450028.127	112095.301
HW1	23.990	21.900	1.863	–	–	–	–	449876.8314	111936.2417
HW2	23.990	21.900	1.938	–	–	–	–	449887.134	111944.742
HW3	19.600	18.300	1.000	–	–	–	–	449944.632	112021.525
HW4	19.600	18.300	1.075	–	–	–	–	449963.245	112081.804
HW5	19.650	18.550	0.800	–	–	–	–	449864.201	112141.255
HW6	19.650	18.550	0.800	–	–	–	–	449878.430	112133.910
HW7	19.600	18.500	0.800	–	–	–	–	449899.393	112127.493
HW8	19.600	18.500	0.875	–	–	–	–	449935.032	112114.946
HW9	16.000	15.560	0.140	–	–	–	–	450043.212	112103.563

Rev.	Amendment	Drn	Chkd	Date
P05	Updated to Suit LLFA Comments	GA	KL	23.09.25
P04	Updated to Suit Revised Layout	GA	KL	12.09.25
P03	Updated to latest layout	CJ	AS	11.09.24
P02	Updated drainage routes	CJ	AS	25.07.24
P01	Initial Issue	CJ	AS	09.07.24

Drg. Status **PRELIMINARY**

Suitability **S2**

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Client **Eastleigh Borough Council**

Project **Kings Copse Close**

Title **Manhole Schedule**

Reviewed Scheme AS Date 09.07.2024

Reviewed Final Date

Scales at A1 NA Project No. **L241014**

Project Ref.	Originator	Zone	Level	Type	Role	Drg No.	Rev.
KCA	AKSW	XX	XX	DR	C	9210	P05