

File name: \\UK.VSPGROUP.COM\CENTRAL DATA\PROJECTS\1008900\7008627 - HIGHOVER FARM, HITCHIN - DETAILED DESIGN\DWG\DWG - HOF-WSP-ZZ-ZZ-DR-C-5301.DWG, printed on 04 November 2024 09:34:14, by Brown, Darren

STORM CHAMBER SCHEDULE								
CHAMBER	TYPE	DIA	COVER LEVEL	INVERT LEVEL	DEPTH TO INVERT	EASTING	NORTHING	CONNECTED PIPES
MH132	DCG - TYPE B - MANHOLE (B.7)	1200	76.749	74.841	1.908	520208.708	231120.717	PN1 DIA 150 LEVEL 75.100 S108.000 DIA 150 LEVEL 75.100
MH133	DCG - TYPE B - MANHOLE (B.7)	1200	76.608	74.275	2.333	520194.984	231119.484	S108.000 DIA 150 LEVEL 74.425 S108.001 DIA 300 LEVEL 74.275 PN21 DIA 150 LEVEL 74.425 PN184 DIA 150 LEVEL 74.425
MH134	DCG - TYPE B - MANHOLE (B.7)	1350	76.182	73.685	2.497	520152.091	231107.840	S108.001 DIA 300 LEVEL 73.835 PN4 DIA 450 LEVEL 73.685 PN22 DIA 150 LEVEL 73.985 PN23 DIA 150 LEVEL 73.985
MH145	DCG - TYPE B - MANHOLE (B.7)	1350	76.248	73.610	2.638	520132.279	231097.651	PN4 DIA 450 LEVEL 73.610 PN5 DIA 450 LEVEL 73.610
MH146	DCG - TYPE B - MANHOLE (B.7)	1500	76.442	73.470	2.972	520117.260	231086.042	PN5 DIA 450 LEVEL 73.545 PN6 DIA 525 LEVEL 73.470 PN24 DIA 150 LEVEL 73.695 PN25 DIA 150 LEVEL 73.695
MH147	DCG - TYPE B - MANHOLE (B.7)	1500	76.708	73.325	3.383	520099.785	231064.323	PN6 DIA 525 LEVEL 73.400 PN7 DIA 600 LEVEL 73.325 PN25 DIA 150 LEVEL 73.625 PN194 DIA 150 LEVEL 73.625
MH148	DCG - TYPE B - MANHOLE (B.7)	1800	76.906	72.856	4.050	520088.288	231048.191	PN7 DIA 600 LEVEL 73.285 PN8 DIA 900 LEVEL 72.985 PN27 DIA 150 LEVEL 73.285 PN33 (1) DIA 450 LEVEL 73.285
MH149	DCG - TYPE A - MANHOLE (B.5)	1800	77.148	72.930	4.218	520073.061	231026.885	PN8 DIA 900 LEVEL 72.930 PN9 DIA 900 LEVEL 72.930 PN44 DIA 150 LEVEL 73.680
MH150	DCG - TYPE A - MANHOLE (B.5)	1800	77.123	72.855	4.268	520043.693	231003.776	PN9 DIA 900 LEVEL 72.855 PN10 DIA 900 LEVEL 72.855 PN45 DIA 150 LEVEL 73.605
MH151	DCG - TYPE A - MANHOLE (B.5)	1800	76.472	72.785	3.687	520013.958	230986.683	PN10 DIA 900 LEVEL 72.785 PN11 DIA 900 LEVEL 72.785 PN46 DIA 150 LEVEL 73.535
MH152	DCG - TYPE B - MANHOLE (B.7)	1800	75.718	72.710	3.008	519981.249	230973.408	PN11 DIA 900 LEVEL 72.710 PN12 DIA 900 LEVEL 72.710 PN47 DIA 150 LEVEL 73.460 PN48 DIA 150 LEVEL 73.460
MH153	DCG - TYPE B - MANHOLE (B.7)	2100	74.900	72.480	2.420	519943.769	230963.415	PN12 DIA 900 LEVEL 72.630 PN13 DIA 1050 LEVEL 72.480 PN49 DIA 150 LEVEL 73.380 PN56 DIA 900 LEVEL 72.630
MH154	DCG - TYPE B - MANHOLE (B.7)	2400	74.765	71.985	2.780	519922.754	230960.869	PN13 DIA 1050 LEVEL 71.985 PN14 DIA 1050 LEVEL 71.985 PN82 DIA 225 LEVEL 72.810
MH155	DCG - TYPE B - MANHOLE (B.7)	2100	74.664	71.450	3.214	519920.686	230976.078	PN14 DIA 1050 LEVEL 71.450 PN15 DIA 1050 LEVEL 71.450
MH156	DCG - TYPE B - MANHOLE (B.7)	2400	73.313	70.495	2.818	519901.405	231023.214	PN15 DIA 1050 LEVEL 70.495 PN16 DIA 1050 LEVEL 70.495 PN86 (1) DIA 375 LEVEL 71.150
MH157	DCG - TYPE B - MANHOLE (B.7)	2400	71.698	68.965	2.733	519877.035	231082.758	PN16 DIA 1050 LEVEL 68.965 PN17 DIA 1050 LEVEL 68.965 PN80 DIA 450 LEVEL 69.295 PN81 DIA 600 LEVEL 69.415
MH158	DCG - TYPE B - MANHOLE (B.7)	2400	71.205	68.350	2.855	519866.407	231101.718	PN17 DIA 1050 LEVEL 68.350 PN18 DIA 1050 LEVEL 68.350 PN83 DIA 300 LEVEL 69.715
MH159	DCG - TYPE B - MANHOLE (B.7)	2100	70.306	67.675	2.631	519849.318	231132.268	PN18 DIA 1050 LEVEL 67.675 PN19 DIA 1050 LEVEL 67.675
MH160	DCG - TYPE B - MANHOLE (B.7)	2400	69.337	66.810	2.527	519841.475	231159.693	PN19 DIA 1050 LEVEL 66.810 PN20 DIA 1050 LEVEL 66.810 PN112 DIA 750 LEVEL 67.110
MH169	DCG - TYPE B - MANHOLE (B.7)	1200	79.741	76.250	3.491	520248.243	231052.586	PN28 DIA 300 LEVEL 76.250 PN195 DIA 150 LEVEL 76.400 PN196 DIA 150 LEVEL 76.400
MH170	DCG - TYPE B - MANHOLE (B.7)	1350	79.021	75.865	3.156	520177.483	231040.647	PN28 (1) DIA 300 LEVEL 75.900 PN29 DIA 450 LEVEL 75.750
MH171	DCG - TYPE B - MANHOLE (B.7)	1350	78.893	75.795	3.098	520167.562	231037.189	PN29 DIA 450 LEVEL 75.705 PN30 DIA 450 LEVEL 75.705 PN189 DIA 150 LEVEL 76.095 PN200 DIA 150 LEVEL 76.095
MH172	DCG - TYPE B - MANHOLE (B.7)	1350	78.568	75.590	2.978	520147.824	231013.885	PN30 DIA 450 LEVEL 75.550 PN31 DIA 450 LEVEL 75.550

STORM CHAMBER SCHEDULE								
CHAMBER	TYPE	DIA	COVER LEVEL	INVERT LEVEL	DEPTH TO INVERT	EASTING	NORTHING	CONNECTED PIPES
MH173	DCG - TYPE B - MANHOLE (B.7)	1500	78.399	75.500	2.899	520138.986	231008.429	PN31 DIA 450 LEVEL 75.500 PN32 DIA 450 LEVEL 75.500 PN41 DIA 450 LEVEL 75.500
MH174	DCG - TYPE B - MANHOLE (B.7)	1500	78.029	75.300	2.729	520128.768	231019.226	PN32 DIA 450 LEVEL 75.300 PN33 DIA 450 LEVEL 75.300 PN202 DIA 150 LEVEL 75.600 PN203 DIA 150 LEVEL 75.600
MH178	DCG - TYPE B - MANHOLE (B.7)	1350	80.681	78.730	1.951	520201.613	230924.875	PN36 DIA 450 LEVEL 78.030 PN37 DIA 450 LEVEL 78.730
MH179	DCG - TYPE B - MANHOLE (B.7)	1350	80.547	78.590	1.957	520200.412	230934.392	PN37 DIA 450 LEVEL 78.590 PN38 DIA 450 LEVEL 78.590 PN206 DIA 150 LEVEL 78.988
MH180	DCG - TYPE B - MANHOLE (B.7)	1200	80.389	78.362	2.027	520194.927	230943.442	PN38 DIA 450 LEVEL 78.395 PN39 DIA 450 LEVEL 78.395
MH181	DCG - TYPE B - MANHOLE (B.7)	1200	79.190	77.448	1.742	520160.526	230984.580	PN39 (1) DIA 450 LEVEL 77.240 PN40 DIA 450 LEVEL 77.240 PN207 DIA 150 LEVEL 77.540 PN208 DIA 150 LEVEL 77.540
MH182	DCG - TYPE B - MANHOLE (B.7)	1350	78.567	76.610	1.957	520143.555	231002.312	PN40 DIA 450 LEVEL 76.610 PN41 DIA 450 LEVEL 76.610 PN43 DIA 150 LEVEL 76.910 PN201 DIA 150 LEVEL 77.199
MH196	DCG - TYPE B - MANHOLE (B.7)	1800	75.407	73.185	2.222	519949.812	230931.577	PN54 DIA 900 LEVEL 73.175 PN55 DIA 900 LEVEL 73.185 PN215 DIA 150 LEVEL 73.935
MH197	DCG - TYPE B - MANHOLE (B.7)	1800	75.247	73.160	2.087	519946.707	230942.830	PN55 DIA 900 LEVEL 73.160 PN56 DIA 900 LEVEL 73.160
MH221	DCG - TYPE B - MANHOLE (B.7)	1200	75.296	73.650	1.646	519865.906	230949.162	PN60 DIA 150 LEVEL 73.650 PN238 DIA 150 LEVEL 73.880
MH222	DCG - TYPE B - MANHOLE (B.7)	1200	75.155	73.510	1.645	519879.668	230952.907	PN60 DIA 150 LEVEL 73.510 PN81 DIA 150 LEVEL 73.510
MH223	DCG - TYPE B - MANHOLE (B.7)	1200	74.977	73.135	1.842	519897.592	230957.857	PN81 DIA 150 LEVEL 73.135 PN82 DIA 225 LEVEL 73.260
MH248	DCG - TYPE B - MANHOLE (B.7)	1200	72.427	68.377	4.050	519639.388	230822.322	PN106 DIA 450 LEVEL 69.195 PN107 DIA 600 LEVEL 69.045 PN114 DIA 300 LEVEL 69.345 PN234 DIA 150 LEVEL 69.495
MH249	DCG - TYPE A - MANHOLE (B.5)	2100	72.975	67.945	5.030	519656.802	230840.595	PN107 DIA 600 LEVEL 68.095 PN108 DIA 750 LEVEL 67.945 PN119 DIA 450 LEVEL 68.245
MH250	DCG - TYPE A - MANHOLE (B.5)	1800	72.999	67.890	5.109	519639.555	230859.719	PN108 DIA 750 LEVEL 67.890 PN109 DIA 750 LEVEL 67.890 PN238 DIA 150 LEVEL 68.340
MH251	DCG - TYPE A - MANHOLE (B.5)	2100	72.952	67.850	5.102	519624.277	230870.729	PN109 DIA 750 LEVEL 67.850 PN110 DIA 750 LEVEL 67.850 PN239 DIA 150 LEVEL 68.300
MH252	DCG - TYPE A - MANHOLE (B.5)	2100	73.092	67.560	5.532	519698.306	230989.301	PN110 DIA 750 LEVEL 67.560 PN111 DIA 750 LEVEL 67.560
MH253	DCG - TYPE B - MANHOLE (B.7)	2400	69.481	67.240	2.241	519783.447	231126.538	PN111 DIA 750 LEVEL 67.240 PN112 DIA 750 LEVEL 67.240
MH255	DCG - TYPE B - MANHOLE (B.7)	1200	71.371	69.920	1.451	519619.416	230798.243	PN114 DIA 300 LEVEL 69.600 PN235 DIA 150 LEVEL 69.750 PN236 DIA 150 LEVEL 69.750
MH256	DCG - TYPE B - MANHOLE (B.7)	1200	75.840	74.125	1.715	519814.041	230934.310	PN115 DIA 225 LEVEL 74.125 PN229 DIA 150 LEVEL 74.200
MH257	DCG - TYPE B - MANHOLE (B.7)	1200	76.019	73.935	2.084	519783.946	230924.706	PN115 DIA 225 LEVEL 74.010 PN116 DIA 300 LEVEL 73.935
MH258	DCG - TYPE B - MANHOLE (B.7)	1200	75.347	73.550	1.797	519743.849	230904.456	PN116 DIA 300 LEVEL 73.550 PN117 DIA 300 LEVEL 73.550 PN230 DIA 150 LEVEL 73.700 PN231 DIA 150 LEVEL 73.700
MH259	DCG - TYPE B - MANHOLE (B.7)	1350	74.355	72.505	1.850	519706.010	230879.430	PN117 DIA 300 LEVEL 72.580 PN118 DIA 375 LEVEL 72.505

STORM CHAMBER SCHEDULE								
CHAMBER	TYPE	DIA	COVER LEVEL	INVERT LEVEL	DEPTH TO INVERT	EASTING	NORTHING	CONNECTED PIPES
MH260	DCG - TYPE B - MANHOLE (B.7)	1500	73.331	71.390	1.941	519669.084	230850.293	PN118 DIA 375 LEVEL 71.465 PN119 DIA 450 LEVEL 71.390 PN232 DIA 150 LEVEL 71.690 PN233 DIA 150 LEVEL 71.690
MH291	DCG - TYPE B - MANHOLE (B.7)	1350	72.851	70.845	2.006	520106.085	231192.962	PN145 DIA 300 LEVEL 70.920 PN146 DIA 375 LEVEL 70.845
MH292	DCG - TYPE B - MANHOLE (B.7)	1350	71.986	69.345	2.641	520095.589	231223.766	PN146 DIA 375 LEVEL 69.345 PN147 DIA 375 LEVEL 69.345
MH293	DCG - TYPE B - MANHOLE (B.7)	1500	71.489	68.620	2.869	520086.250	231238.944	PN147 DIA 375 LEVEL 68.620 PN148 DIA 375 LEVEL 68.620 PN158 DIA 150 LEVEL 68.845
MH294	DCG - TYPE B - MANHOLE (B.7)	1500	69.388	66.960	2.428	520110.975	231282.658	PN148 DIA 375 LEVEL 67.035 PN149 DIA 450 LEVEL 66.960 PN162 DIA 150 LEVEL 67.260
MH295	DCG - TYPE B - MANHOLE (B.7)	1500	68.256	66.050	2.206	520126.011	231307.596	PN149 DIA 450 LEVEL 66.055 PN150 DIA 450 LEVEL 66.050
MH296	DCG - TYPE B - MANHOLE (B.7)	1500	67.539	65.560	1.979	520130.080	231324.493	PN150 DIA 450 LEVEL 65.635 PN151 DIA 525 LEVEL 65.560 PN179 DIA 300 LEVEL 65.785
MH313	DCG - TYPE B - MANHOLE (B.7)	1200	78.795	76.920	1.875	520275.159	231084.198	PN165 DIA 300 LEVEL 76.920
MH316	DCG - TYPE B - MANHOLE (B.7)	1200	77.629	75.600	2.029	520255.026	231111.075	PN166 DIA 300 LEVEL 75.600 PN167 DIA 300 LEVEL 75.600
MH317	DCG - TYPE B - MANHOLE (B.7)	1200	77.086	75.070	2.016	520251.330	231133.393	PN167 DIA 300 LEVEL 75.070 PN168 DIA 300 LEVEL 75.070 PN171 DIA 225 LEVEL 75.145 PN172 DIA 225 LEVEL 75.145
MH318	DCG - TYPE B - MANHOLE (B.7)	1200	76.346	74.545	1.801	520249.533	231144.241	PN168 DIA 300 LEVEL 74.545 PN169 DIA 300 LEVEL 74.545 PN173 DIA 225 LEVEL 74.620
MH320	DCG - TYPE B - MANHOLE (B.7)	1200	77.836	76.184	1.653	520272.831	231112.724	PN170 DIA 225 LEVEL 76.075
MH321	DCG - TYPE B - MANHOLE (B.7)	1200	77.358	75.275	2.083	520263.367	231129.142	PN170 DIA 225 LEVEL 75.275 PN171 DIA 225 LEVEL 75.275
MH322	DCG - TYPE B - MANHOLE (B.7)	1200	77.141	75.360	1.781	520245.066	231126.125	PN172 DIA 225 LEVEL 75.360
MH323	DCG - TYPE B - MANHOLE (B.7)	1200	77.050	75.205	1.845	520266.019	231146.972	PN173 DIA 225 LEVEL 75.205
MH324	DCG - TYPE B - MANHOLE (B.7)	1200	75.800	73.975	1.825	520259.353	231172.613	PN174 DIA 225 LEVEL 73.975
MH326	DCG - TYPE B - MANHOLE (B.7)	1200	73.046	71.565	1.481	520249.878	231243.343	PN175 DIA 225 LEVEL 71.565
MH328	DCG - TYPE B - MANHOLE (B.7)	1200	74.600	73.000	1.600	520255.180	231206.867	PN176 DIA 300 LEVEL 73.000
MH331	DCG - TYPE B - MANHOLE (B.7)	1200	69.776	68.025	1.751	520187.105	231308.601	PN177 DIA 300 LEVEL 68.025 PN178 DIA 300 LEVEL 68.025
MH332	DCG - TYPE B - MANHOLE (B.7)	1200	69.310	67.505	1.805	520175.098	231313.275	PN177 DIA 300 LEVEL 67.505 PN179 DIA 300 LEVEL 67.505 PN28 DIA 300 LEVEL 76.015 PN28 (1) DIA 300 LEVEL 76.015 PN197 DIA 150 LEVEL 76.205 PN198 DIA 150 LEVEL 76.205
MH503	DCG - TYPE B - MANHOLE (B.7)	1200	79.267	76.180	3.087	520201.462	231044.693	PN33 DIA 450 LEVEL 75.000 PN33 (1) DIA 450 LEVEL 75.000 PN204 DIA 150 LEVEL 75.300 PN205 DIA 150 LEVEL 75.300
MH511	DCG - TYPE B - MANHOLE (B.7)	1500	77.545	75.000	2.545	520113.718	231029.995	PN39 DIA 450 LEVEL 77.940 PN39 (1) DIA 450 LEVEL 77.940 PN210 DIA 150 LEVEL 78.240
MH518	DCG - TYPE B - MANHOLE (B.7)	1350	79.890	77.940	1.950	520178.487	230963.101	

- NOTES
- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT SCHEME DRAWINGS AND SPECIFICATIONS.
 - THIS DRAWING IS NOT TO BE PRODUCED IN ANY PART OR FORM WITHOUT CONSENT OF WSP DEVELOPMENT LIMITED, ALL COPY RIGHT RESERVED.
 - DO NOT SCALE, IF IN DOUBT CONTACT WSP DEVELOPMENT LIMITED.
 - TOPOGRAPHICAL SURVEY UNDERTAKEN BY OTHERS, SURVEY STATION LOCATION AND CO-ORDINATES TO BE CONFIRMED ON SITE PRIOR TO BE COMMENCEMENT OF SETTING OUT.
 - EXISTING ROAD LEVEL AND DRAINAGE INVERT LEVELS SHALL BE CHECKED PRIOR TO CONSTRUCTION COMMENCEMENT. ANY DISCREPANCY SHALL BE REFERRED TO THE ENGINEER.
 - THE LOCATION AND DEPTH OF ALL EXISTING SERVICE APPARATUS SHOULD BE CONFIRMED WITH THE SERVICE AUTHORITIES PRIOR TO ANY EXCAVATION WORK TAKING PLACE.
 - ANY DISCREPANCIES SHOULD BE REPORTED TO THE ARCHITECT AND/OR ENGINEER IMMEDIATELY SO THAT CLARIFICATION CAN BE SOUGHT PRIOR TO THE COMMENCEMENT OF WORK.
 - THE PLANNING, DESIGN AND CONSTRUCTION OF SEWERS SHALL BE IN ACCORDANCE WITH SEWERAGE SECTOR GUIDANCE APPENDIX C.
 - LOCATIONS AND LEVELS OF EXISTING MANHOLES AND OUTFALLS TO BE VERIFIED ONSITE PRIOR TO COMMENCEMENT OF WORKS.
 - LEVELS OF DRAINS AND SEWER CROSSING LOCATIONS ARE TO BE CHECKED ON SITE BEFORE CONSTRUCTION.
 - MANHOLE COVERS SHOULD BE IN ACCORDANCE WITH BS EN 124, BS7903 & CLAUSE E2.32 OF SEWERAGE SECTOR GUIDANCE APPENDIX C AND BE BEDDED AND HAUNCHED IN MORTAR.
 - PROPOSED ADAPTABLE SEWERS ARE ONLY PERMITTED TO HAVE OTHER SEWER/GULLY CONNECTIONS AND OTHER SERVICES LAID AT AN ANGLE OF BETWEEN 45 DEGREES AND 90 DEGREES ACROSS THE LINE WITH A VERTICAL CLEARANCE IN EXCESS OF 300MM.

UNTIL TECHNICAL APPROVAL HAS BEEN OBTAINED FROM THE RELEVANT LOCAL AUTHORITIES OR STATUTORY BODIES, IT SHOULD BE UNDERSTOOD THAT ALL DRAWINGS ARE ISSUED AS PRELIMINARY AND NOT FOR CONSTRUCTION. SHOULD THE CONTRACTOR AND / OR EMPLOYER COMMENCE WORK PRIOR TO APPROVAL BEING GIVEN, IT IS ENTIRELY AT THEIR OWN RISK

P02	01/11/2024	DSB	SCHEDULES UPDATED	DSB	LJM
P01	02/12/2022	RH	FIRST ISSUE	DSB	LJM
REV	DATE	BY	DESCRIPTION	CHK	APP
DRAWING STATUS:					
S2 - FOR INFORMATION					
CLIENT:					
BARRATT DAVID WILSON HOMES					
ARCHITECT:					
MCBAINS					
SITE/PROJECT:					