

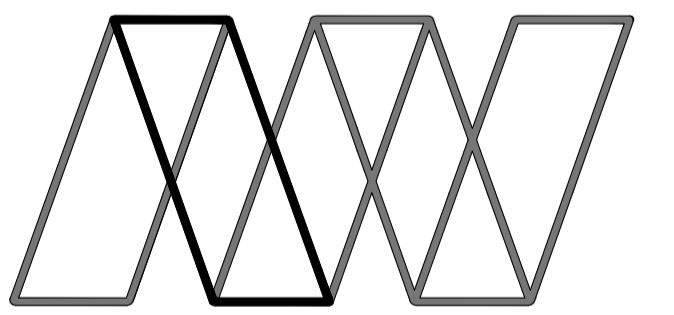
**SURFACE MANHOLE SCHEDULE
N6**

MH NAME	MH CL (m)	MH IL (m)	MH DEPTH (m)	MH TYPE	INLET PIPE INVERTS (m)	INLET PIPE DIAMETERS (mm)	OUTLET PIPE INVERTS (m)	OUTLET PIPE DIAMETERS (mm)	MH DIAM, LxW (m)	COVER TYPE	COVER OPENING SIZE, LxW (mm)	SETTING OUT COORDINATES (mE, mN)	COMMENTS
N6/1	3.892	2.692	1.200	TYPE 8			1.000 2.992	300	0.600	D400	600X600	485419.245, 408553.196	
N6/2	3.857	2.498	1.359	TYPE 8	1.000 2.798	300	1.001 2.798	300	0.600	D400	600X600	485434.099, 408509.434	
N6/3	4.018	2.437	1.581	TYPE 7	1.001 2.737	300	1.002 2.737	300	1.200	D400	600X600	485436.577, 408495.120	
N6/4	3.956	2.531	1.425	TYPE 7			2.000 2.831	300	1.200	D400	600X600	485428.884, 408476.690	
N6/5	4.067	2.398	1.669	TYPE 7	1.002 2.698 2.000 2.698	300 300	1.003 2.698	300	1.200	D400	600X600	485435.051, 408485.982	
N6/6	3.417	2.653	0.764	TYPE 7			3.000 2.953	150	1.200	D400	600X600	485442.369, 408461.780	
N6/7	3.368	2.604	0.764	TYPE 7			4.000 2.904	150	1.200	D400	600X600	485457.321, 408487.758	
N6/8	3.177	2.248	0.929	TYPE 7	1.003 2.548 3.000 2.698 4.000 2.698	300 150 150	1.004 2.548	300	1.200	D400	600X600	485466.687, 408469.445	
N6/9	3.265	2.501	0.764	TYPE 7			5.000 2.801	150	1.200	D400	600X600	485472.805, 408445.483	
N6/10	4.063	2.518	1.545	TYPE 7			6.000 2.818	225	1.200	D400	600X600	485432.597, 408447.448	
N6/11	4.164	2.568	1.596	TYPE 7			7.000 2.868	225	1.200	D400	600X600	485455.869, 408422.896	
N6/12	4.180	2.521	1.659	TYPE 7	7.000 2.821	225	7.001 2.821	225	1.200	D400	600X600	485453.271, 408430.311	
N6/13	4.200	2.364	1.836	TYPE 7	6.000 2.739 7.001 2.739	225 225	6.001 2.664	300	1.200	D400	600X600	485443.288, 408439.615	
N6/14	3.236	2.307	0.929	TYPE 7	6.001 2.607	300	6.002 2.607	300	1.200	D400	600X600	485451.722, 408450.367	
N6/15	3.248	2.484	0.764	TYPE 7			8.000 2.784	150	1.200	D400	600X600	485463.890, 408477.137	
N6/16	3.093	0.464	2.629	TYPE 7	1.004 2.464 5.000 2.614 6.002 2.464 8.000 2.614	300 150 300 150	1.005 2.464	300	1.200	D400	600X600	485484.431, 408460.169	
N6/17	3.966	2.510	1.456	TYPE 7			9.000 2.810	225	1.200	D400	600X600	485477.070, 408421.166	
N6/18	4.275	2.297	1.978	TYPE 7	9.000 2.597	225	9.001 2.597	225	1.200	D400	600X600	485485.833, 408441.273	
N6/19	4.218	2.240	1.978	TYPE 7	9.001 2.540	225	9.002 2.540	225	1.200	D400	600X600	485492.408, 408448.254	
N6/20	4.170	2.110	2.060	TYPE 7	1.005 2.410 9.002 2.485	300 225	1.006 2.410	300	1.200	D400	600X600	485496.719, 408456.359	
N6/21	10.230	8.490	1.740	TYPE 7			10.000 8.790	150	1.200	D400	600X600	485746.222, 408388.511	
N6/22	9.717	7.965	1.752	TYPE 7	10.000 8.265	150	10.001 8.265	150	1.200	D400	600X600	485721.996, 408396.331	
N6/23	8.345	6.600	1.745	TYPE 7	10.001 6.900	150	10.002 6.900	150	1.200	D400	600X600	485681.514, 408406.146	
N6/24	6.948	5.201	1.747	TYPE 7	10.002 5.501	150	10.003 5.501	150	1.200	D400	600X600	485643.410, 408411.598	
N6/25	5.929	4.072	1.857	TYPE 7	10.003 4.447	150	10.004 4.372	225	1.200	D400	600X600	485613.150, 408413.509	
N6/26	4.362	2.853	1.509	TYPE 7	10.004 3.153	225	10.005 3.153	225	1.200	D400	600X600	485571.708, 408412.261	
N6/27	4.211	2.748	1.463	TYPE 7	10.005 3.048	225	10.006 3.048	225	1.200	D400	600X600	485567.472, 408421.860	
N6/28	3.330	2.130	1.200	TYPE 8			11.000 2.430	300	0.600	D400	600X600	485507.412, 408420.814	
N6/29	2.830	1.911	0.919	TYPE 7	10.006 2.286 11.000 2.211	225 300	10.007 2.211	300	1.200	D400	600X600	485530.952, 408421.484	
N6/30	2.673	1.894	0.779	SWALE	10.007 2.044	300	10.008 1.894	-	N/A	N/A	N/A	485531.106, 408430.168	
N6/31	2.415	1.842	0.573	SWALE	10.008 1.842	-	10.009 1.842	-	N/A	N/A	N/A	485507.234, 408439.829	
N6/32	2.590	1.811	0.779	SWALE	1.006 1.961 10.009 1.811	300 -	1.007 1.811	-	N/A	N/A	N/A	485505.823, 408455.422	
N6/33	4.569	3.224	1.345	TYPE 8			12.000 3.524	225	0.600	D400	600X600	485628.711, 408521.562	
N6/34	4.479	2.986	1.493	TYPE 8	12.000 3.286	225	12.001 3.286	225	0.600	D400	600X600	485589.455, 408515.581	
N6/35	4.217	2.750	1.467	TYPE 8	12.001 3.050	225	12.002 3.050	225	0.600	D400	600X600	485551.232, 408506.090	
N6/36	3.935	1.976	1.959	TYPE 7	12.002 2.276	225	12.003 2.276	225	1.200	D400	600X600	485506.494, 408488.472	
N6/37	4.000	2.575	1.425	TYPE 8			13.000 2.875	225	0.600	D400	600X600	485428.996, 408561.275	
N6/38	3.816	2.408	1.408	TYPE 8	13.000 2.708	225	13.001 2.708	225	0.600	D400	600X600	485439.439, 408535.462	
N6/39	3.968	2.222	1.746	TYPE 7	13.001 2.522	225	13.002 2.522	225	1.200	D400	600X600	485453.138, 408507.613	
N6/40	4.084	2.165	1.919	TYPE 7	13.002 2.465	225	13.003 2.465	225	1.200	D400	600X600	485460.837, 408502.143	
N6/41	4.051	2.100	1.951	TYPE 7	13.003 2.400	225	13.004 2.400	225	1.200	D400	600X600	485471.549, 408500.582	
N6/42	3.856	2.285	1.571	TYPE 7			14.000 2.585	150	1.200	D400	600X600	485509.631, 408506.641	
N6/43	3.977	1.996	1.981	TYPE 7	13.004 2.296 14.000 2.371	225 150	13.005 2.296	225	1.200	D400	600X600	485488.926, 408501.268	
N6/44	3.977	1.921	2.056	TYPE 7	13.005 2.221	225	13.006 2.221	225	1.200	D400	600X600	485491.400, 408489.008	
N6/45	4.012	1.847	2.165	TYPE 7	12.003 2.147 13.006 2.147	225 225	12.004 2.147	225	1.200	D400	600X600	485501.604, 408482.097	
N6/46	2.407	1.771	0.636	SWALE	1.007 1.771 12.004 1.921	- 225	1.008 1.771	-	N/A	N/A	N/A	485510.528, 408474.916	
N6/47	2.050	1.647	0.403	SWALE	1.008 1.647	-	1.009 1.647	-	N/A	N/A	N/A	485566.701, 408499.676	
N6/48	1.888	1.514	0.374	SWALE	1.009 1.514	600	1.010 1.514	600	N/A	N/A	N/A	485628.891, 408508.546	
N6/49	2.443	1.485	0.958	SWALE	1.010 1.485	600	1.011 1.485	-	N/A	N/A	N/A	485650.293, 408510.282	
N6/50	1.828	1.442	0.386	SWALE	1.011 1.442	-	1.012 1.442	-	N/A	N/A	N/A	485668.638, 408510.700	
N6/51	4.090	2.965	1.125	TYPE 8			15.000 3.265	225	0.600	D400	600X600	485533.415, 408512.711	
N6/52	4.414	2.700	1.714	TYPE 8	15.000 3.000	225	15.001 3.000	225	0.600	D400	600X600	485576.257, 408523.523	
N6/53	4.481	2.432	2.049	TYPE 7	15.001 2.732	225	15.002 2.732	225	1.200	D400	600X600	485619.810, 408533.651	
N6/54	4.444	2.244	2.200	TYPE 7	15.002 2.544	225	15.003 2.544	225	1.200	D400	600X600	485650.921, 408537.230	
N6/55	4.201	1.810	2.391	TYPE 7	15.003 2.110	225	15.004 2.110	225	1.200	D400	600X600	485723.380, 408538.234	
N6/56	3.962	1.683	2.279	TYPE 7	15.004 1.983	225	15.005 1.983	225	1.200	D400	600X600	485744.499, 408537.225	
N6/57	4.548	3.650	0.898	TYPE 8			16.000 3.950	150	0.600	D400	600X600	485651.383, 408523.602	
N6/58	4.416	3.298	1.118	TYPE 8	16.000 3.598	150	16.001 3.598	150	0.600	D400	600X600	485686.591, 408524.927	
N6/59	4.146	2.930	1.216	TYPE 7	16.001 3.230	150	16.002 3.230	150	1.200	D400	600X600	485723.319, 408523.380	
N6/60	3.973	1.579	2.394	TYPE 7	15.005 1.879 16.002 3.017	225 150	15.006 1.879	225	1.200	D400	600X600	485744.339, 408519.898	
N6/61	2.058	1.514	0.544	SWALE	15.006 1.514	225	15.007 1.514	-	N/A	N/A	N/A	485743.039, 408510.947	
N6/62	2.036	1.481	0.555	SWALE	15.007 1.481	-	15.008 1.481	-	N/A	N/A	N/A	485735.882, 408496.021	
N6/63	2.288	0.408	1.880	TYPE 7	1.013 0.708	450	1.014 0.708	150	1.200	D400	600X600	485740.848, 408444.143	FLOW CONTROL CHAMBER. HYDROBRAKE FLOW CONTROL AT 5.0 litres. DESIGN HEAD = 1.150m MD-SHE-0103-5000-1150-5000
N6/OUTFALL	2.260	0.460	1.800	HEADWALL OUTFALL	1.014 0.460	150			N/A	N/A	N/A	485751.974, 408436.212	
N6/POND 1	2.237	1.377	0.860	ATTENUATION POND 1					N/A	N/A	N/A	485714.240, 408475.544	

GENERAL NOTES:

- THE NOTES ARE INTENDED TO AUGMENT DRAWINGS AND SPECIFICATIONS, WHERE CONFLICT OF REQUIREMENTS EXIST THE ORDER OF PRECEDENCE SHALL BE AS SHOWN IN THE SPECIFICATION. OTHERWISE THE STRICTEST PROVISION SHALL GOVERN.
- THE DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERS AND ARCHITECTS DRAWINGS.
- DRAWINGS NOT TO BE SCALED. ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR. ANY DISCREPANCIES TO BE NOTIFIED TO THE ENGINEER AND FURTHER INSTRUCTIONS OBTAINED BEFORE WORK IS COMMENCED.
- ALL LEVELS ARE IN METRES AOD (ABOVE ORDNANCE DATUM) UNLESS NOTED OTHERWISE.
- ALL WORKS TO BE UNDERTAKEN IN COMPLIANCE WITH BS 8000 FOR WORKMANSHIP ON BUILDING SITES.
- ABBREVIATIONS: MH = MANHOLE
CL = COVER LEVEL
IL = INVERT LEVEL
SW = SURFACE WATER
N1-10/S = SWALE
N1-10/MH = SURFACE WATER CHAMBERS.
DS = SURFACE WATER DEMARCATION CHAMBER
CONC = CONCRETE
DWG = DRAWING
- ALL EARTHWORKS SHALL BE UNDERTAKEN IN FULL COMPLIANCE WITH THE SPECIFICATION FOR HIGHWAYS WORKS MCW SERIES 600.
- THE CONTRACTOR MUST ENSURE THAT THE DRAWINGS COMPLY BOTH WITH THE SPECIFICATION AND THE DRAWINGS WHICH ARE SUBJECT TO APPROVAL BY THE RELEVANT AUTHORITIES.
- IF ANY DISCREPANCIES EXIST BETWEEN THE SPECIFICATION AND THE DRAWINGS, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
- IF ANY DISCREPANCIES EXIST BETWEEN THE SPECIFICATION AND THE DRAWINGS, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
- THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE AUTHORITY PRIOR TO COMMENCEMENT OF EACH STAGE OF THE WORK FOR THEIR REPRESENTATIVE TO CARRY OUT INSPECTION TO ENSURE COMPLIANCE WITH THEIR SPECIFICATION AND APPROVED DETAILS. IF ANY SUCH REQUESTS OR INSTRUCTIONS CAUSE CONFLICT WITH THE SPECIFICATION THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER.

T1	FIRST ISSUE	02.10.20	TV	SPG	JG
Rev	Description	Date	By	Chk	App



Alan Wood & Partners

York Office Omega 2 Monks Cross Drive York YO32 9GZ T. 01904 611594 www.alanwood.co.uk	Consulting Civil & Structural Engineers Project Managers Building Surveyors Hull Lincoln London Scarborough Sheffield Leeds T. 01482 442138 T. 01522 300210 T. 02071 860761 T. 01723 865484 T. 01142 440077 T. 01135 311098
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Project:	LINCOLNSHIRE LAKES, SCUNTHORPE M181/B1450 HIGHWAY WORKS				
Client:					
Drawing:	M181-JUNCTION -DRAINAGE MANHOLE SCHEDULE SHEET 3				
Role:	CIVIL ENGINEER				
Drawing Status:	TENDER				
Job. no.	43972	Scale@ A1:	1:500	Rev.	T1
Project	Originator	Volume	Level	Type	Role Number
LLHI - AWP - 01 - 05 - DR - D - 0022					

THIS DRAWING TO BE READ IN CONJUNCTION WITH THE AWP DRAWINGS:

LLHI-AWP-01-05-DR-D-0001 TO 0010	M181 JUNCTION - DRAINAGE LAYOUT
LLHI-AWP	