

SURFACE MANHOLE SCHEDULE N4													
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
N4/MH1	4.042	2.917	1.125	TYPE 8			N4 1.000 3.217	225	0.600	DUCTILE IRON D400	600X600	485882.530, 408519.321	
N4/MH2	4.133	2.580	1.553	TYPE 8	N4 1.000 2.880		N4 1.001 2.880	225	0.600	DUCTILE IRON D400	600X600	485934.404, 408497.524	
N4/MH3	3.896	1.939	1.957	TYPE 7	N4 1.001 2.314 N4 2.000 2.314		N4 1.002 2.239	225 225	1.200	DUCTILE IRON D400	600X600	485960.704, 408486.106	
N4/MH4	4.216	2.845	1.371	TYPE 8			N4 2.000 3.145	225	0.600	DUCTILE IRON D400	600X600	486021.925, 408456.368	
N4/MH5	3.834	1.596	2.238	TYPE 7	N4 1.002 1.896 N4 3.001 1.971		N4 1.003 1.896	300 225	1.200	DUCTILE IRON D400	600X600	485955.393, 408474.749	
N4/MH6	4.016	2.891	1.125	TYPE 8			N4 3.000 3.191	225	0.600	DUCTILE IRON D400	600X600	485882.896, 408497.560	
N4/MH7	4.076	2.618	1.458	TYPE 8	N4 3.000 2.918		N4 3.001 2.918	225	0.600	DUCTILE IRON D400	600X600	485926.933, 408485.903	
N4/MH8	3.889	2.617	1.272	TYPE 7			N4 4.000 2.917	225	1.200	DUCTILE IRON D400	600X600	486140.874, 408493.398	
N4/MH9	4.018	2.315	1.703	TYPE 7	N4 4.000 2.690		N4 4.001 2.615	225	1.200	DUCTILE IRON D400	600X600	486120.373, 408460.701	
N4/MH10	3.859	2.167	1.692	TYPE 7	N4 4.001 2.467		N4 4.002 2.467	300	1.200	DUCTILE IRON D400	600X600	486104.696, 408428.099	
N4/MH11	3.875	2.117	1.758	TYPE 7	N4 4.002 2.417		N4 4.003 2.417	300	1.200	DUCTILE IRON D400	600X600	486095.573, 408419.780	
N4/MH12	3.858	2.062	1.796	TYPE 7	N4 4.003 2.362		N4 4.004 2.362	300	1.200	DUCTILE IRON D400	600X600	486082.168, 408418.695	
N4/MH13	3.998	1.718	2.281	TYPE 7	N4 4.004 2.290 N4 5.001 2.168		N4 4.005 2.128	300 150	1.200	DUCTILE IRON D400	600X600	486067.027, 408427.908	
N4/MH14	4.217	2.825	1.392	TYPE 8			N4 5.000 3.125	150	0.600	DUCTILE IRON D400	600X600	486032.439, 408451.434	
N4/MH15	4.132	2.583	1.549	TYPE 7	N4 5.000 2.883		N4 5.001 2.883	150	1.200	DUCTILE IRON D400	600X600	486052.879, 408438.437	
N4/MH16	4.007	1.663	2.344	TYPE 7	N4 10.004 2.038 N4 4.005 1.963 N4 6.004 1.963		N4 4.006 1.963	225 300 300	1.200	DUCTILE IRON D400	600X600	486061.440, 408415.716	
N4/MH17	3.412	2.648	0.764	TYPE 7			N4 6.000 2.948	150	1.200	DUCTILE IRON D400	600X600	486114.910, 408428.019	
N4/MH18	3.750	2.108	1.642	TYPE 7	N4 6.000 2.558 N4 7.001 2.483		N4 6.001 2.408	150 225	1.200	DUCTILE IRON D400	600X600	486113.025, 408411.288	
N4/MH19	3.981	2.492	1.489	TYPE 7			N4 7.000 2.792	225	1.200	DUCTILE IRON D400	600X600	486151.288, 408383.699	
N4/MH20	3.900	0.610	3.290	TYPE 7	N4 7.000 2.610		N4 7.001 2.610	225	1.200	DUCTILE IRON D400	600X600	486133.024, 408403.037	
N4/MH21	3.900	2.010	1.890	TYPE 7	N4 6.001 2.310 N4 8.001 2.385		N4 6.002 2.310	300 225	1.200	DUCTILE IRON D400	600X600	486098.455, 408402.542	
N4/MH22	3.864	2.432	1.432	TYPE 7			N4 8.000 2.732	225	1.200	DUCTILE IRON D400	600X600	486129.962, 408372.516	
N4/MH23	4.021	2.273	1.748	TYPE 7	N4 8.000 2.573		N4 8.001 2.573	225	1.200	DUCTILE IRON D400	600X600	486102.992, 408370.887	
N4/MH24	3.855	1.891	1.964	TYPE 7	N4 6.002 2.191 N4 9.000 2.266		N4 6.003 2.191	300 225	1.200	DUCTILE IRON D400	600X600	486076.622, 408398.154	
N4/MH25	3.983	2.258	1.725	TYPE 8			N4 9.000 2.558	225	0.600	DUCTILE IRON D400	600X600	486079.599, 408392.210	
N4/MH26	3.911	1.804	2.107	TYPE 7	N4 6.003 2.104		N4 6.004 2.104	300	1.200	DUCTILE IRON D400	600X600	486067.398, 408409.646	
N4/MH27	3.704	2.304	1.400	TYPE 8			N4 10.000 2.604	225	0.600	DUCTILE IRON D400	600X600	485978.751, 408461.409	
N4/MH28	3.995	2.190	1.805	TYPE 8	N4 10.000 2.490		N4 10.001 2.490	225	0.600	DUCTILE IRON D400	600X600	485996.412, 408453.489	
N4/MH29	4.121	2.155	1.966	TYPE 8	N4 10.001 2.455		N4 10.002 2.455	225	0.600	DUCTILE IRON D400	600X600	486002.269, 408454.357	
N4/MH30	4.266	2.030	2.236	TYPE 7	N4 10.002 2.330		N4 10.003 2.330	225	1.200	DUCTILE IRON D400	600X600	486021.157, 408444.587	
N4/MH31	4.139	1.818	2.322	TYPE 8	N4 10.003 2.118		N4 10.004 2.118	225	0.600	DUCTILE IRON D400	600X600	486051.177, 408424.577	
N4/MH32	1.959	0.245	1.715	FLOW CONTROL CHAMBER	N4 1.007 0.590 N4 11.003 0.590		N4 1.008 0.590	450 600	1.500	DUCTILE IRON D400	1200X675	485821.182, 408409.173	FLOW CONTROL CHAMBER HYDROBRAKE FLOW CONTROL AT 5.0 l/sec. DESIGN HEAD =1.00m. MD-SHE-0105-0009-1000-0000, 0.2m SLUMP
N4/MH33	4.075	2.751	1.324	TYPE 8			N4 11.000 3.051	225	0.600	DUCTILE IRON D400	600X600	486069.224, 408370.915	
N4/MH34	4.099	1.207	2.892	TYPE 7	N4 11.000 1.582 N4 13.000 1.582		N4 11.001 1.507	225 225	1.200	DUCTILE IRON D400	600X600	486022.595, 408359.822	
N4/MH35	4.084	2.688	1.396	TYPE 8			N4 12.000 2.988	225	0.600	GRIPTOP D400	600X600	486080.435, 408356.894	
N4/MH36	4.164	2.538	1.626	TYPE 8	N4 12.000 2.838		N4 12.001 2.838	225	0.600	GRIPTOP D400	600X600	486055.431, 408351.515	
N4/MH37	4.159	2.339	1.820	TYPE 7	N4 12.001 2.714		N4 12.002 2.639	300	1.200	DUCTILE IRON D400	600X600	486025.230, 408348.834	
N4/MH38	4.026	2.520	1.506	TYPE 8			N4 13.000 2.820	225	0.600	DUCTILE IRON D400	600X600	486007.913, 408357.094	
N4/MH39	3.962	2.000	1.962	TYPE 7			N4 14.000 2.300	225	1.200	GRIPTOP D400	600X600	486121.410, 408352.822	
N4/MH40	3.985	1.846	2.139	TYPE 7	N4 14.000 2.221 N4 15.002 2.146		N4 14.001 2.146	225 300	1.200	GRIPTOP D400	600X600	486108.066, 408351.937	
N4/MH41	3.922	2.450	1.472	TYPE 7			N4 15.000 2.750	225	1.200	DUCTILE IRON D400	600X600	486115.728, 408302.636	
N4/MH42	3.977	2.293	1.684	TYPE 8	N4 15.000 2.668		N4 15.001 2.593	300	0.600	DUCTILE IRON D400	600X600	486113.916, 408315.442	
N4/MH43	3.912	2.088	1.824	TYPE 8	N4 15.001 2.388		N4 15.002 2.388	300	0.600	DUCTILE IRON D400	600X600	486113.199, 408342.398	
N4/MH44	4.130	1.799	2.331	TYPE 7	N4 14.001 2.099		N4 14.002 2.099	300	1.200	GRIPTOP D400	600X600	486098.085, 408357.506	

NOTE: COVER TYPE 'GRIPTOP' REFERS TO GRIPTOP INTER-AX D400 ACCESS COVER BY PAM SAINT-GOBAIN

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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
N4/MH45	4.171	1.730	2.441	TYPE 7	N4 14.002 2.030	300	N4 14.003 2.030	300	1.200	DUCTILE IRON D400	600X600	486084.754, 408367.852	
N4/MH46	4.016	0.588	3.428	TYPE 7	N4 14.003 1.188 N4 16.007 0.888	300 600	N4 14.004 0.888	600	1.500	DUCTILE IRON D400	600X600	486079.636, 408383.644	
N4/MH47	4.029	2.529	1.500	TYPE 8			N4 16.000 2.829	225	0.600	GRIPTOP D400	600X600	486153.728, 408492.527	
N4/MH48	3.988	2.355	1.633	TYPE 7	N4 16.000 2.655	225	N4 16.001 2.655	225	1.200	GRIPTOP D400	600X600	486141.094, 408469.671	
N4/MH49	4.085	2.085	2.000	TYPE 7	N4 16.001 2.460	225	N4 16.002 2.385	300	1.200	GRIPTOP D400	600X600	486129.491, 408442.807	
N4/MH50	3.955	2.007	1.948	TYPE 7	N4 16.002 2.307	300	N4 16.003 2.307	300	1.200	GRIPTOP D400	600X600	486128.149, 408431.188	
N4/MH51	3.946	1.919	2.027	TYPE 7	N4 16.003 2.219	300	N4 16.004 2.219	300	1.200	GRIPTOP D400	600X600	486134.989, 408419.928	
N4/MH52	4.035	1.798	2.237	TYPE 7	N4 16.004 2.098	300	N4 16.005 2.098	300	1.200	GRIPTOP D400	600X600	486148.367, 408407.702	
N4/MH53	4.689	0.751	3.938	TYPE 7	N4 16.005 1.335 N4 17.009 1.051	300 375	N4 16.006 1.051	600	1.500	GRIPTOP D400	600X600	486157.121, 408399.644	
N4/MH54	3.388	1.837	1.551	TYPE 7			N4 17.000 2.137	300	1.200	GRIPTOP D400	600X600	486453.676, 408363.649	
N4/MH55	2.861	1.701	1.160	TYPE 8	N4 17.000 2.001	300	N4 17.001 2.001	300	0.600	GRIPTOP D400	600X600	486420.355, 408362.993	
N4/MH56	2.996	-0.004	3.000	TYPE 7	N4 17.001 1.856	300	N4 17.002 1.856	300	1.200	GRIPTOP D400	600X600	486384.794, 408362.497	
N4/MH57	2.824	1.432	1.392	TYPE 8	N4 17.002 1.732	300	N4 17.003 1.732	300	0.600	GRIPTOP D400	600X600	486354.464, 408361.701	
N4/MH58	2.585	1.301	1.284	TYPE 7	N4 17.003 1.601	300	N4 17.004 1.601	300	1.200	GRIPTOP D400	600X600	486322.493, 408362.260	
N4/MH59	2.371	1.142	1.229	TYPE 7	N4 17.004 1.442	300	N4 17.005 1.442	300	1.200	GRIPTOP D400	600X600	486283.722, 408365.655	
N4/MH60	3.677	0.971	1.716	TYPE 7	N4 17.005 1.271 N4 18.012 1.271	300 300	N4 17.006 1.271	300	1.500	GRIPTOP D400	600X600	486242.000, 408370.507	
N4/MH61	2.271	1.981	1.290	TYPE 8			N4 18.000 2.281	300	0.600	DUCTILE IRON D400	600X600	486459.545, 408354.138	
N4/MH62	3.828	1.821	1.007	TYPE 8	N4 18.000 2.121	300	N4 18.002 2.121	300	0.600	DUCTILE IRON D400	600X600	486420.301, 408363.002	
N4/MH63	2.707	1.655	1.052	TYPE 8	N4 18.002 1.955	300	N4 18.004 1.955	300	0.600	DUCTILE IRON D400	600X600	486379.716, 408352.468	
N4/MH64	2.568	1.444	1.124	TYPE 8	N4 18.004 1.744	300	N4 18.006 1.744	300	0.600	DUCTILE IRON D400	600X600	486328.193, 408352.586	
N4/MH65	2.528	1.305	1.223	TYPE 8	N4 18.006 1.605	300	N4 18.008 1.605	300	0.600	DUCTILE IRON D400	600X600	486294.188, 408352.016	
N4/MH66	2.521	1.199	1.322	TYPE 8	N4 18.008 1.499	300	N4 18.010 1.499	300	0.600	DUCTILE IRON D400	600X600	486268.239, 408351.968	
N4/MH67	2.613	1.138	1.475	TYPE 8	N4 18.010 1.438	300	N4 18.011 1.438	300	0.600	DUCTILE IRON D400	600X600	486253.266, 408352.369	
N4/MH68	2.763	1.076	1.687	TYPE 7	N4 18.011 1.376 N4 19.003 1.376	300 300	N4 18.012 1.376	300	1.500	DUCTILE IRON D400	600X600	486238.068, 408353.253	
N4/MH69	3.509	1.401	2.108	TYPE 8			N4 19.000 1.701	300	0.600	DUCTILE IRON D400	600X600	486160.288, 408369.559	
N4/MH70	3.180	1.289	1										