

PHASE: 0							
MH No.	MANHOLE DIAMETER (mm)	MANHOLE TYPE	COVER LEVEL (m)	INVERT LEVEL (m)	DEPTH TO SOFFIT (m)	EASTING (m)	NORTHING (m)
100	1350	Type C	38.278	37.228	0.90	507526.487	105446.16
101	1500	Type B	37.927	35.79	1.612	507516.699	105439.09
102	1500	Type B	37.481	35.761	1.195	507506.408	105429.535
103	1500	Type B	36.85	35.425	0.90	507495.475	105415.616
104	1350	Type C	35.637	34.587	0.90	507538.091	105391.933
105	1350	Type C	35.929	34.366	1.338	507523.739	105394.965
106	1500	Type B	36.544	33.861	2.158	507492.076	105409.183
107	1350	Type C	36.943	35.893	0.90	507449.358	105450.022
108	1350	Type C	35.457	34.407	0.90	507433.098	105426.067
109	1200	Type B	36.129	34.213	1.691	507443.205	105432.544
110	1200	Type B	36.639	34.05	2.364	507465.623	105416.511
111	1500	Type B	36.181	33.591	2.065	507488.592	105402.592
112	1500	Type B	35.37	33.561	1.284	507483.038	105389.234
113	1500	Type B	34.226	32.801	0.90	507478.491	105370.724
115	1350	Type C	32.179	30.979	0.90	507545.756	105330.095
116	1350	Type C	31.856	30.581	0.90	507510.104	105325.676
117	1500	Type B	32.298	30.286	1.412	507489.889	105335.615
118	1500	Type B	32.036	30.273	1.163	507484.699	105330.106
119	1500	Type B	31.565	30.065	0.90	507475.845	105321.149
120	1500	Type B	31.119	29.619	0.90	507481.514	105311.812
121	1500	Type B	30.398	28.898	0.90	507480.847	105295.806
122	1500	Type B	29.135	27.635	0.90	507483.848	105265.461
123	1350	Type C	34.051	32.926	0.90	507449.141	105373.893
124	1350	Type C	32.557	31.432	0.90	507420.27	105374.819
125	1350	Type C	31.736	30.611	0.90	507418.902	105352.743
126	1350	Type C	30.797	29.672	0.90	507419.013	105342.406
127	1350	Type C	31.157	29.957	0.90	507465.817	105315.925
128	1350	Type C	29.859	28.584	0.90	507417.931	105316.847
129	1350	Type C	29.096	27.746	0.90	507416.457	105296.499
133	1500	Type B	28.10	26.795	0.705	507442.696	105254.521
134	1350	Type C	29.898	28.848	0.90	507447.332	105290.262
135	1350	Type C	29.211	28.161	0.90	507449.643	105278.759
136	1350	Type C	28.907	27.857	0.90	507450.959	105267.73
160	1350	Type B	39.993	38.082	1.536	507514.941	105537.314
161	1350	Type C	38.627	37.852	0.40	507519.473	105493.979
173	1350	Type C	32.832	31.782	0.90	507568.152	105343.853
174	1350	Type C	32.485	31.21	0.90	507570.784	105336.149
175	1350	Type C	32.314	31.264	0.90	507586.615	105331.145
180	1350	Type C	29.498	28.723	0.40	507560.555	105288.09
181	1350	Type C	28.544	27.769	0.40	507554.699	105273.488
184	1350	Type C	27.042	26.192	0.40	507535.556	105254.047
185	1800	Type B	26.601	25.376	0.40	507529.665	105245.242
186	1800	Type B	26.411	25.186	0.40	507535.052	105238.213
187	1350	Type C	26.104	24.979	0.90	507455.743	105236.543
188	1350	Type C	25.967	24.678	0.989	507494.008	105239.417
189	1350	Type C	26.123	24.553	1.27	507523.83	105232.77
192	1350	Type C	22.518	21.393	0.90	507470.952	105091.558
193	1350	Type C	23.462	22.337	0.90	507496.336	105125.357
194	1350	Type B	23.104	21.039	1.69	507472.616	105126.082
195	1350	Type C	21.753	20.553	0.90	507394.328	105105.673
196	1350	Type C	22.645	21.595	0.90	507380.639	105136.18
197	1350	Type B	22.404	20.361	1.668	507397.723	105134.054
198	1350	Type C	22.792	21.742	0.90	507403.484	105146.622
199	1350	Type B	22.295	20.333	1.587	507406.716	105133.089
191_OUT	1875	Type B	25.50	23.806	0.719	507558.771	105212.239
200	1350	Type B	22.258	20.225	1.583	507417.089	105131.975
201	1500	Type B	21.794	20.075	1.194	507414.132	105101.903
202	1350	Type C	20.488	19.213	0.90	507404.912	105026.003
203	1350	Type B	21.107	19.081	1.576	507402.399	105044.143
204	1500	Type B	21.474	18.90	1.974	507406.849	105055.934
205	1800	Type B	21.433	18.722	1.961	507421.764	105062.179
206	1800	Type B	21.47	18.708	2.012	507430.009	105056.411
207	1350	Type C	21.92	20.795	0.90	507480.777	105057.337
208	1800	Type B	21.563	18.689	2.124	507444.377	105055.988
209	1800	Type B	21.407	18.668	1.989	507445.479	105039.896
210	1800	Type B	20.787	18.634	1.403	507445.618	105014.252
211	1800	Type B	20.379	18.612	1.017	507445.74	104997.641
212	1800	Type B	20.535	18.602	1.183	507452.439	104995.474
213	1800	Type B	21.022	18.555	1.717	507487.971	104996.393
214	1800	Type B	20.732	18.51	1.472	507522.461	104997.515
215	1350	Type C	21.45	20.325	0.90	507526.636	105045.547
216	1350	Type C	21.09	19.965	0.90	507531.56	105025.704
217	1800	Type B	20.66	18.489	1.421	507538.085	105001.714
218	1350	Type C	23.09	21.965	0.90	507575.171	105105.427
219	1200	Type B	24.325	21.707	2.318	507570.852	105136.159
220	1200	Type B	24.304	21.645	2.359	507585.714	105138.478
221	1350	Type C	24.565	23.515	0.90	507598.209	105150.173
222	1350	Type B	24.229	21.448	2.331	507597.081	105139.717
223	1350	Type C	22.735	21.327	0.958	507604.568	105091.279
224	1350	Type C	22.518	21.468	0.90	507579.20	105074.654
225	1350	Type C	22.964	21.044	1.47	507576.917	105086.948
226	1350	Type C	25.54	24.415	0.90	507518.94	105216.025
227	1350	Type C	24.685	23.56	0.90	507512.332	105191.272
228	1350	Type C	24.337	23.287	0.90	507480.457	105178.918
229	1350	Type C	24.303	22.841	1.162	507510.18	105176.871
231	1500	Type B	25.00	22.985	1.415	507550.712	105198.08
232	1500	Type B	24.803	22.963	1.24	507540.427	105190.419
233	1500	Type B	24.794	22.943	1.251	507534.501	105180.999
234	1500	Type B	24.582	22.443	1.539	507533.632	105172.515
235	1500	Type B	24.41	22.429	1.381	507533.246	105164.588
236	1500	Type B	24.274	22.417	1.257	507533.272	105158.148
237	1500	Type B	24.296	22.406	1.29	507534.002	105152.232
238	1500	Type B	24.248	22.397	1.251	507537.101	105148.452
239	1350	Type C	24.092	22.967	0.90	507510.192	105163.637
240	1350	Type C	23.647	22.522	0.90	507513.988	105130.647
244	1350	Type C	23.79	22.485	1.08	507520.095	105131.195
245	1500	Type B	23.955	22.003	1.352	507538.043	105132.807
253	1350	Type C	23.421	22.296	0.90	507514.267	105119.758
254	1350	Type C	23.255	22.13	0.90	507516.171	105110.268
255	1350	Type C	22.557	21.857	0.40	507519.531	105087.341
256	1350	Type C	21.993	20.868	0.90	507500.262	105059.333
257	1350	Type C	21.806	20.681	0.90	507520.106	105061.954
258	1350	Type C	21.659	20.384	0.90	507525.732	105054.762
259	1500	Type B	21.954	20.084	1.27	507549.932	105056.913
261	1350	Type C	22.952	21.827	0.90	507635.37	105081.359
262	1350	Type C	22.36	21.235	0.90	507607.674	105073.832
263	1350	Type C	22.223	21.023	0.90	507611.115	105061.411
264	1350	Type C	21.495	20.295	0.90	507554.442	105039.825
273	1800	Type B	19.198	17.973	0.40	507596.406	104952.90
274	1350	Type C	19.474	18.274	0.90	507426.817	104927.818
275	1350	Type C	19.719	18.669	0.90	507412.356	104995.182
276	1350	Type C	19.604	17.88	1.274	507415.146	104986.42
277	1350	Type B	20.372	17.802	2.12	507446.20	104992.584
278	1350	Type C	19.781	18.656	0.90	507501.491	104930.274
279	1350	Type C	19.721	18.432	0.914	507489.14	104932.005

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280	1500	Type B	21.027	17.623	2.879	507488.388	104993.318	
281	1500	Type B	20.782	17.561	2.696	507518.672	104994.263	
282	1500	Type B	20.847	17.516	2.606	507540.26	104998.688	
283	1500	Type B	20.417	17.46	2.432	507554.742	104975.438	
284	1350	Type C	19.779	18.729	0.90	507548.011	104950.846	
285	1500	Type B	20.193	17.432	2.236	507564.76	104966.388	
286	1500	Type B	19.355	17.382	1.448	507583.043	104949.87	
287	1800	Type B	19.263	17.048	1.39	507599.724	104950.233	
288	1350	Type C	26.129	24.929	0.90	507707.54	105191.055	
290	1350	Type C	25.848	24.573	0.90	507766.168	105194.102	
302	1350	Type C	24.32	23.195	0.90	507728.966	105140.102	
303	1350	Type C	24.667	22.929	1.438	507760.354	105148.317	
33	1350	Type C	31.655	30.605	0.90	507708.519	105343.478	
34	1350	Type C	31.115	29.99	0.90	507712.856	105328.376	
35	1350	Type C	30.313	29.188	0.90	507719.027	105305.102	
308	1350	Type C	23.269	22.144	0.90	507762.214	105111.394	
312	1350	Type C	21.917	20.867	0.90	507726.967	105073.337	
315	1350	Type C	27.299	26.174	0.90	507676.283	105230.632	
316	1350	Type C	26.102	24.902	0.90	507677.969	105190.461	
317	1350	Type C	25.403	24.128	0.90	507673.936	105167.079	
318	1350	Type C	25.375	24.10	0.90	507673.097	105162.738	
319	1350	Type C	25.088	23.813	0.90	507682.919	105157.797	
320	1350	Type C	24.865	23.59	0.900	507686.544	105150.999	
321	1350	Type C	24.008	22.883	0.90	507637.425	105115.726	
322	1350	Type C	23.855	22.73	0.90	507647.681	105111.534	
323	1350	Type C	22.024	20.674	0.90	507662.467	105049.769	
324	1500	Type B	23.237	20.513	2.199	507654.597	105083.952	
325	1350	Type C	23.432	22.307	0.90	507728.878	105102.681	
326	1500	Type B	22.927	20.342	1.985	507700.617	105096.151	
327	1500	Type B	22.274	20.313	1.361	507703.952	105078.945	
328	1500	Type B	21.792	20.291	0.901	507704.402	105066.459	
330	1350	Type C	20.703	19.503	0.90	507683.81	105034.569	
331	1500	Type B	20.761	19.413	1.048	507705.785	105034.914	
335	1500	Type B	20.678	19.029	0.449	507706.388	105009.038	
336	1500	Type B	19.927	18.927	0.40	507701.686	105001.333	
338	1350	Type C	21.338	20.213	0.90	507606.152	105028.804	
339	1350	Type C	21.881	20.756	0.90	507618.189	105042.141	
340	1350	Type C	21.569	20.118	1.226	507621.925	105031.667	
341	1350	Type C	20.599	19.474	0.90	507602.97	105007.207	
342	1200	Type B	21.102	19.245	1.557	507627.491	105016.064	
343	1350	Type C	19.848	18.648	0.90	507685.962	104995.198	
344	1350	Type C	20.076	18.525	1.251	507687.725	104985.301	
345	1350	Type C	20.139	18.376	1.388	507640.998	104978.619	
346	1350	Type C	19.972	16.715	1.282	507622.866	104971.862	
347	1350	Type C	25.635	24.435	0.90	507645.422	105167.088	
348	1350	Type C	25.322	24.122	0.90	507605.369	105174.747	
349	1350	Type C	24.004	23.779	0.90	507550.466	105188.312	
350	1350	Type C	25.084	23.423	1.19	507571.975	105183.367	
351	1350	Type C	16.405	15.28	0.90	507604.807	104980.799	
352	1350	Type C	14.78	13.955	0.60	507606.339	104899.536	
353	1350	Type C	14.17	13.672	0.273	507612.364	104849.93	
355	1350	Type B	17.002	14.163	2.462	507637.63	104873.545	
356	1350	Type C	14.362	13.663	0.324	507640.007	104883.395	
357	1350	Type C	14.244	13.49	0.379	507620.954	104851.519	
358	1350	Type C	17.001	15.676	0.90	507604.733	104911.243	
359	1350	Type C	17.00	15.80	0.975	507617.58	104912.472	
353_OUT	360	1350	16.679	17.329	0.90	507692.458	104973.366	
	40	1350	14.207	13.39	0.442	507620.795	104847.957	
41	1350	Type C	35.491	34.291	0.90	507647.445	105181.497	
42	1500	Type B	35.295	33.945	0.90	507679.763	105420.668	
43	1500	Type B	35.474	33.83	1.119	507663.59	105420.806	
44	1500	Type A	37.646	33.75	3.371	507664.408	105459.964	
44	1350	Type C	38.103	36.978	0.90	507631.195	105465.557	
45	1350	Type C	39.237	38.187	0.90	507664.303	105494.577	
46	1350	Type C	38.151	37.101	0.90	507663.949	105472.495	
47	1500	Type A	37.778	33.739	3.514	507666.359	105464.984	
48	1500	Type B	36.928	33.638	2.765	507716.29	105463.891	
49	1350	Type C	38.161	37.111	0.90	507735.947	105491.938	
50	1350	Type C	37.011	35.961	0.90	507728.856	105466.782	
51	1500	Type B	36.751	33.625	2.801	507721.52	105460.999	
52	1500	Type B	36.492	33.608	2.359	507727.062	105454.682	
53	1500	Type B	34.969	33.541	0.90	507725.532	105423.71	
54	1350	Type C	34.66	33.64	0.90	507751.389	105407.77	
55	1500	Type B	34.256	32.831	0.90	507724.767	105409.085	
56	1500	Type B	32.893	31.393	0.90	507722.368	105378.852	
57	1500	Type B	32.658	31.31	0.90	507719.451	105371.154	
58	1500	Type B	32.434	30.934	0.90	507710.538	105364.991	
59	1500	Type B	32.236	30.709	0.90	507695.408	105362.758	
60	1500	Type B	31.634	30.356	0.90	507648.189	105338.485	
61	1500	Type B	31.51	29.935	0.90	507635.952	105336.128	
62	1350	Type C	39.495	38.445	0.90	507610.929	105303.463	
63	1350	Type C	39.05	38.00	0.90	507608.125	105499.864	
64	1350	Type C	38.604	37.479	0.90	507574.244	105459.302	
65	1350	Type C	38.275	37.15	0.90	507608.044	105494.012	
66	1350	Type C	37.878	36.753	0.90	507611.318	105457.268	
67	1350	Type C	36.586	34.368	0.90	507612.195	105419.077	
68	1350	Type C	32.838	31.636	0.90	507613.265	105373.237	
69	1350	Type C	31.713	30.513	0.90	507620.20	105355.11	
70	1500	Type B	31.764	29.884	1.195	507610.325	105346.183	
79	1800	Type B	29.932	28.269	0.894	507666.275	105294.164	
80	1800	Type B	31.208	28.241	2.142	507642.677	105285.135	
81	1800	Type B	28.471	27.246	0.40	507607.308	105267.37	
82	1350	Type C	27.479	26.429	0.90	507717.548	105242.48	
83	1350	Type C	27.645	26.167	1.328	507691.236	105239.931	
84	1350	Type C	27.424	25.883	1.316	507670.682	105235.521	
85	1350	Type C	27.044	25.719	1.10	507643.935	105227.827	
86	1350	Type B	26.849	25.627	0.997	507628.934	105226.004	
87	1350	Type B	26.731	25.535	0.971	507613.057	105227.901	
88	1800	Type B	26.597	24.872	0.90	507604.184	105229.947	
89	1350	Type C	38.74	37.679	0.90	507337.022	105638.775	
88_OUT	90	1800	Type B	25.00	23.775	0.40	507588.127	105217.801
	91	1350	Type C	38.223	37.098	0.90	507330.353	105622.431
92	1350	Type C	37.674	36.324	0.90	507329.176	105602.032	
93	1350	Type B	37.631	36.114	0.992	507383.833	105496.802	
94	1500	Type B	39.04	37.99	0.90	507418.172	105531.839	
94	1500	Type B	37.987	36.084	1.403	507415.641	105493.988	
95	1500	Type B	38.311	35.949	1.812	507447.437	105490.595	
96	1500	Type B	38.067	35.928	1.614	507473.911	105482.308	
97	1500	Type B	38.232	35.88	1.827	507493.937	105470.918	
98	1500	Type B	38.494	35.84	2.129	507508.723	105458.467	
99	1500	Type B	38.217	35.806	1.886	507519.639	105446.257	