

PHASE: 0							
MH No.	MANHOLE DIAMETER (mm)	MANHOLE TYPE	COVER LEVEL (m)	INVERT LEVEL (m)	DEPTH TO SOFFIT (m)	EASTING (m)	NORTHING (m)
F1	1350	Type C	14.013	12.674	1.189	507616.269	104845.039
F2	1350	Type C	14.719	13.25	1.319	507609.231	104867.518
F3	1350	Type C	15.984	14.55	1.284	507608.051	104893.564
F4	1350	Type C	17.212	15.69	1.372	507606.871	104915.517
F5	1200	Type B	18.455	16.381	1.923	507598.530	104938.099
F6	1200	Type B	19.143	16.462	2.531	507588.202	104947.198
F7	1200	Type A	20.165	16.656	3.358	507567.473	104966.685
F8	1350	Type C	19.749	18.399	1.20	507549.795	104950.503
F9	1200	Type A	20.448	16.771	3.528	507555.951	104977.993
F10	1200	Type A	20.651	16.952	3.549	507543.073	105001.891
F11	1200	Type A	20.777	17.102	3.525	507520.637	104996.227
F12	1200	Type A	21.039	17.334	3.555	507485.423	104995.493
F13	1200	Type B	20.816	18.388	2.278	507486.136	104971.101
F14	1200	Type B	20.457	17.577	2.730	507448.716	104994.341
F15	1200	Type B	19.679	17.826	1.703	507412.173	104988.344
F16	1350	Type C	19.430	18.038	1.242	507418.266	104959.917
F17	1350	Type C	19.574	18.224	1.20	507423.039	104935.607
F18	1350	Type C	19.800	18.450	1.20	507410.471	104996.216
F19	1350	Type C	20.500	18.944	1.406	507447.978	105000.358
F20	1200	Type B	20.888	19.049	1.689	507447.818	105016.131
F21	1200	Type B	21.429	19.196	2.083	507447.658	105038.229
F22	1200	Type B	21.634	19.327	2.156	507446.899	105057.887
F23	1200	Type B	21.519	19.438	1.931	507430.364	105058.325
F24	1200	Type B	21.488	19.494	1.844	507423.638	105063.529
F25	1350	Type B	21.560	19.742	1.668	507420.756	105078.101
F26	1350	Type B	21.837	20.146	1.541	507415.952	105101.880
F27	1200	Type B	22.349	20.696	1.503	507419.417	105134.665
F28	1350	Type C	22.494	21.104	1.240	507396.581	105137.077
F29	1200	Type B	22.849	21.09	1.609	507405.296	105147.794
F30	1350	Type C	22.355	20.886	1.319	507408.070	105135.871
F32	1350	Type C	21.967	20.886	0.931	507480.682	105059.238
F33	1200	Type B	21.867	20.057	1.660	507519.330	105064.133
F34	1200	Type B	21.775	20.001	1.624	507526.754	105060.307
F35	1350	Type C	21.096	19.770	1.176	507533.892	105026.327
F36	1200	Type B	19.651	17.876	1.624	507604.848	104964.642
F37	1200	Type B	19.917	17.969	1.798	507616.546	104972.184
F38	1200	Type B	20.125	18.103	1.872	507638.347	104980.560
F40	1350	Type C	20.717	19.362	1.205	507630.324	105002.590
F41	1350	Type C	21.172	19.814	1.208	507625.236	105017.493
F42	1350	Type C	21.756	20.394	1.212	507617.482	105037.120
F43	1350	Type C	22.186	21.001	1.035	507609.849	105057.475
F44	1350	Type C	22.328	21.21	0.968	507606.30	105071.579
F45	1350	Type C	22.903	21.781	0.972	507636.014	105079.367
F46	1350	Type C	23.297	22.034	1.113	507655.797	105086.206
F48	1200	Type B	23.028	21.24	1.638	507697.631	105096.925
F50	1200	Type B	23.384	21.47	1.764	507724.594	105103.521
F51	1350	Type C	23.462	21.82	1.492	507745.672	105109.135
F52	1350	Type C	22.284	20.934	1.200	507702.124	105078.542
F53	1350	Type C	21.660	20.310	1.200	507702.740	105063.304
F54	1350	Type C	20.120	18.769	1.201	507704.433	105011.126
F55	1350	Type C	19.971	18.621	1.200	507701.970	105004.815
F56	1350	Type C	19.891	18.541	1.200	507697.199	105001.429
F57	1350	Type C	19.960	18.348	1.461	507669.955	104991.732
F59	1350	Type C	19.996	18.582	1.264	507486.459	104941.977
F60	1350	Type C	22.753	21.403	1.200	507445.136	105132.147
F61	1350	Type C	23.178	21.828	1.200	507471.649	105129.859
F62	1350	Type C	22.624	21.274	1.200	507522.295	105089.522
F63	1350	Type C	23.624	22.274	1.200	507516.976	105127.606
F64	1350	Type C	24.080	22.730	1.20	507513.031	105163.289
F65	1350	Type C	24.311	22.961	1.20	507512.688	105178.30
F66	1350	Type C	24.357	23.007	1.20	507482.409	105180.702
F67	1350	Type C	24.628	23.393	1.085	507513.815	105189.672
F68	1200	Type B	26.067	24.14	1.777	507525.297	105230.471
F69	1350	Type C	26.724	25.33	1.244	507532.647	105246.571
F70	1200	Type B	28.534	26.795	1.589	507556.435	105272.418
F71	1200	Type B	29.415	27.66	1.605	507562.497	105286.829
F72	1200	Type B	31.492	29.493	1.848	507562.954	105319.195
F73	1200	Type B	32.253	29.566	2.536	507561.526	105330.021
F75	1350	Type C	35.553	33.919	1.484	507565.414	105392.123
F76	1200	Type B	36.625	34.59	1.885	507560.954	105410.536
F78	1350	Type C	39.586	38.189	1.247	507500.953	105529.527
F79	1200	Type B	39.884	38.079	1.654	507488.562	105540.327
F80	1200	Type B	39.897	37.959	1.788	507472.068	105547.779
F81	1200	Type B	39.664	37.797	1.717	507447.956	105550.542
F82	1200	Type B	39.531	37.700	1.681	507433.723	105547.779
F83	1200	Type B	39.430	37.618	1.662	507420.410	105546.075
F84	1350	Type C	38.146	36.789	1.206	507418.234	105499.805
F85	1200	Type B	38.096	35.696	2.250	507421.667	105495.201
F86	1200	Type B	38.353	35.527	2.676	507446.784	105492.438
F87	1200	Type B	38.101	35.329	2.622	507475.082	105483.479
F88	1200	Type B	38.206	35.200	2.855	507492.078	105474.186
F89	1200	Type A	38.543	35.058	3.334	507508.823	105461.042
F90	1200	Type A	38.272	34.934	3.188	507521.632	105447.562
F91	1200	Type B	37.983	34.882	2.951	507520.711	105439.776
F92	1200	Type B	37.524	34.777	2.597	507509.158	105429.059
F93	1200	Type B	36.872	34.654	2.068	507497.604	105414.659
F95	1350	Type C	35.849	34.499	1.20	507524.429	105392.463
F96	1200	Type B	36.447	34.19	2.107	507493.508	105406.529
F97	1350	Type C	35.469	33.97	1.349	507485.294	105390.037
F98	1200	Type B	34.351	32.46	1.741	507481.148	105372.322
F99	1350	Type C	33.153	31.955	1.048	507482.147	105352.531
F102	1200	Type B	31.787	30.11	1.527	507477.554	105325.736
F103	1350	Type C	31.142	29.792	1.200	507483.163	105312.424
F104	1350	Type C	30.451	29.101	1.200	507482.996	105296.936
F106	1200	Type B	29.178	26.43	2.598	507485.849	105267.239
F107	1200	Type B	28.782	26.142	2.490	507528.876	105271.651
F108	1350	Type C	27.429	25.98	1.299	507543.193	105258.030
F109	1350	Type C	39.288	37.715	1.423	507351.940	105550.625
F110	1350	Type C	38.726	37.376	1.20	507338.659	105536.968
F111	1350	Type C	38.269	36.919	1.20	507332.820	105523.122
F112	1350	Type C	37.699	36.299	1.250	507331.595	105503.719
F113	1200	Type B	37.700	35.939	1.611	507385.377	104977.830
F114	1350	Type C	36.853	35.503	1.20	507450.651	105448.182
F115	1350	Type C	36.226	34.902	1.174	507445.848	105433.317
F116	1200	Type B	36.259	34.13	1.979	507491.750	105403.166
F117	1350	Type C	33.457	33.525	-0.218	507419.539	105400.693
F118	1350	Type C	32.571	31.302	1.119	507418.242	105376.746
F119	1350	Type C	31.682	30.332	1.20	507416.792	105352.835
F120	1350	Type C	30.733	29.383	1.20	507416.792	105342.284
F121	1350	Type C	29.896	28.818	0.928	507416.319	105319.113
F122	1350	Type C	28.987	27.43	1.407	507414.917	105294.578
F123	1200	Type B	27.409	27.218	0.041	507414.777	105263.034
F124	1200	Type B	28.735	27.021	1.565	507446.001	105263.101
F125	1350	Type B	33.476	31.337	1.988	507433.606	105376.477
F126	1350	Type B	34.482	32.733	1.598	507470.073	105374.220
F127	1350	Type C	35.491	34.141	1.20	507649.322	105420.632

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F128	1350	Type C	35.401	34.026	1.225	507666.411	105422.995
F129	1200	Type A	37.609	33.788	3.671	507666.096	105458.748
F130	1200	Type A	37.702	33.755	3.797	507668.852	105462.843
F131	1200	Type A	36.868	33.436	3.282	507715.642	105461.477
F132	1200	Type B	36.359	33.364	2.846	507724.90	105452.404
F133	1200	Type B	34.920	33.152	1.618	507723.088	105422.597
F134	1350	Type C	34.346	32.96	1.236	507722.120	105410.817
F135	1350	Type C	33.145	31.71	1.285	507720.129	105385.644
F136	1200	Type B	32.649	30.85	1.649	507716.795	105373.004
F137	1200	Type B	32.439	30.533	1.756	507708.242	105366.765
F138	1200	Type B	32.268	30.431	1.687	507693.074	105364.936
F139	1350	Type C	31.670	30.113	1.407	507645.579	105360.902
F140	1350	Type C	31.605	30.023	1.431	507623.844	105354.109
F141	1200	Type B	31.789	29.936	1.703	507611.692	105349.445
F142	1200	Type B	32.536	29.622	2.764	507566.222	105336.932
F143	1200	Type B	33.991	31.694	2.147	507565.955	105363.948
F144	1350	Type C	32.773	31.423	1.20	507615.593	105372.498
F145	1350	Type C	34.636	33.286	1.20	507614.50	105403.313
F146	1350	Type C	36.956	35.606	1.200	507613.705	105441.880
F147	1350	Type C	37.970	36.620	1.20	507613.506	105458.679
F148	1350	Type C	38.442	37.092	1.20	507610.027	105470.905
F149	1350	Type C	39.103	37.753	1.20	507610.126	105491.084
F150	1350	Type C	39.501	38.151	1.20	507613.208	105502.813
F151	1350	Type C	40.677	39.333	1.195	507640.046	105531.739
F152	1200	Type B	40.697	38.56	1.987	507668.023	105528.884
F153	1350	Type C	40.462	38.89	1.422	507684.081	105530.844
F154	1350	Type C	40.333	39.011	1.172	507693.424	105527.862
F155	1350	Type C	39.588	38.297	1.141	507724.338	105526.769
F156	1350	Type C	39.300	37.984	1.166	507740.688	105522.808
F157	1350	Type C	38.850	37.403	1.297	507740.640	105507.883
F158	1350	Type C	38.074	36.663	1.261	507736.863	105489.891
F159	1350	Type C	37.053	35.635	1.268	507728.961	105466.965
F160	1200	Type A	36.611	33.396	3.065	507721.691	105457.712
F161	1350	Type C	38.166	36.802	1.214	507665.615	105473.642
F162	1350	Type B	39.207	37.52	1.537	507666.329	105494.923
F163	1350	Type C	29.641	28.088	1.404	507658.679	105296.611
F164	1350	Type C	38.173	36.768	1.255	507784.560	105476.701
F165	1350	Type C	37.502	36.118	1.233	507784.515	105462.446
F166	1350	Type C	36.887	35.485	1.253	507782.381	105446.630
F167	1350	Type C	36.361	34.964	1.247	507783.499	105437.075
F168	1350	Type C	35.680	34.296	1.234	507782.231	105421.568
F169	1350	Type C	35.050	33.648	1.253	507778.355	105406.882
F170	1350	Type C	34.380	32.994	1.237	507779.846	105391.226
F171	1350	Type C	33.507	32.109	1.248	507777.833	105370.948
F172	1350	Type C	32.766	31.368	1.248	507769.334	105356.814
F173	1350	Type C	31.830	30.443	1.237	507762.923	105334.866
F174	1350	Type C	31.266	29.878	1.238	507753.306	105322.714
F175	1350	Type C	30.736	29.360	1.226	507736.085	105309.891
F176	1350	Type C	30.315	28.935	1.231	507716.552	105306.089
F177	1350	Type C	30.007	28.617	1.239	507702.910	105301.169
F178	1350	Type C	29.590	28.195	1.245	507678.979	105302.212
F179	1350	Type C	29.825	28.21	1.465	507647.685	105299.007
F180	1200	Type B	30.332	28.44	1.742	507632.161	105310.562
F181	1200	Type B	30.856	28.77	1.936	507623.458	105322.697
F182	1200	Type B	36.666	34.751	1.765	507464.817	105451.531
F183	1350	Type C	39.372	37.972	1.251	507406.024	105549.530
F185	1350	Type C	26.854	25.504	1.20	507625.248	105227.817
F186	1200	Type B	27.492	25.09	2.252	507671.588	105237.787
F187	1200	Type B	27.431	25.00	2.281	507677.253	105234.502
F188	1200	Type B	27.631	25.80	1.681	507681.332	105240.507
F189	1350	Type C	27.514	26.164	1.20	507719.062	105244.472
F190	1200	Type B	26.540	24.65	1.650	507679.406	105201.984
F191	1200	Type B	25.871	24.06	1.661	507678.888	105182.711
F192	1350	Type C	25.339	23.990	1.199	507674.482	105160.098
F193	1350	Type C	25.090	23.738	1.202	507681.751	105156.204
F194	1350	Type C	24.856	23.515	1.191	507684.780	105149.887
F195	1350	Type C	24.043	22.693	1.200	507690.838	105124.791
F197	1350	Type C	23.886	22.764	0.972	507649.019	105112.961
F198	1350	Type C	24.111	23.100	0.860	507640.190	105116.796
F199	1350	Type C	23.403	22.077	1.176	507599.221	105112.771
F200	1350	Type C	24.129	22.55	1.429	507595.217	105136.274
F205	1350	Type C	22.983	21.601	1.232	507567.158	105084.013
F206	1350	Type C	22.651	21.37	1.131	507603.406	105088.419
F207	1350	Type C	24.396	23.025	1.220	507731.178	105142.630
F208	1200	Type B	24.683	22.76	1.773	50757.615	105149.055
F209	1350	Type C	23.716	22.545	1.021	507767.130	105129.525
F211	1350	Type C	23.272	22.06	1.062	507760.739	105112.733
F212	1350	Type C	24.834	23.484	1.200	507763.198	105154.321
F213	1200	Type B	25.651	23.89	1.611	507765.879	105185.315
F214	1200	Type B	25.863	23.98	1.733	507763.618	105192.306
F215	1350	Type C	26.050	24.698	1.233	507766.908	105199.914
F216	1350	Type C	27.100	25.714	1.205	507768.552	105236.364
F217	1200	Type B	27.107	25.328	1.628	507645.340	105229.753
F220	1350	Type C	30.546	29.448	0.948	507441.158	105317.83
F221	1350	Type C	32.176	30.826	1.20	507543.453	105331.402
F222	1350	Type C	31.917	30.578	1.190	507506.874	105327.798
F223	1200	Type B	32.387	30.42	1.817	507489.969	105333.903
F224	1350	Type C	21.375	19.755	1.470	507560.874	105025.647
F225	1350	Type B	20.768	18.866	1.762	507568.022	105001.446
F227	1350	Type C	20.722	19.09	1.482	507703.707	105033.492
F228	1350	Type C	26.080	24.730	1.20	507457.911	105236.036
F229	1350	Type C	25.890	24.540	1.200	507496.821	105237.427
F230	1350	Type C	24.518	23.178	1.90	507596.237	105149.148
F231	1350	Type C	25.297	23.793	1.354	507602.316	105173.608
F233	1350	Type C	24.824	23.475	1.199	507452.868	105188.183
F234	1350	Type C	25.634	24.289	1.194	507648.527	105164.345
F235	1350	Type B	26.170	24.184	1.836	507718.916	105191.932
F236	1350	Type C	24.233	22.875	1.208	507540.649	105194.390
F237	1350	Type C	23.026	21.79	1.086	507545.982	105087.887
F238	1350	Type C	23.704	22.074	1.481	507548.078	105113.301
F239	1350	Type C	37.874	36.723	1.001	507649.338	105462.839
F240	1200	Type A	20.324	17.089	3.085	507566.891	104977.830
F241	1200	Type B	20.253	17.639	2.464	507573.389	104982.061
F242	1350	Type C	26.116	24.241	1.726	507733.137	105194.119
F243	1350	Type C	29.80	27.98	1.67	507658.162	105283.163
F244	1350	Type B	29.80	27.78	1.87	507641.880	105283.355
F245	1350	Type C	26.822	25.049	1.223	507608.933	105266.067
F246	1350	Type C	28.671	27.448	1.173	507605.932	105231.184
F247	1350	Type C	25.216	23.722	1.343	507592.648	105176.004
F248	1350	Type C	20.642	19.433	1.060	507684.961	105032.958