SEWER SETTING OUT DATA

Y	X	DESCRIPTION
83393.210	3774481.090	MH1
83406.297	3774396.783	MH2
83464.729	3774349.458	MH3
83425.085	3774553.360	MH4
83416.533	3774532.935	MH5
83426.100	3774471.304	MH6
83436.760	3774402.636	MH7
83443.982	3774396.787	MH8
83475.367	3774401.659	MH9
83461.537	3774542.028	MH10
83455.729	3774528.158	MH11
83466.299	3774460.069	MH12
83486.987	3774383.516	MH13
83515.644	3774387.965	MH14
83494.235	3774525.875	MH15
83503.986	3774463.066	MH16
83519.959	3774379.648	MH17
83551.018	3774354.493	MH18
83518.662	3774347.884	MH19
83530.628	3774338.193	MH20
83538.484	3774339.018	MH21
83565.743	3774358.374	MH22
83586.103	3774341.884	MH23
83545.318	3774406.722	MH24
83547.721	3774391.245	MH25
83573.332	3774384.792	MH26
83585.343	3774432.465	MH27
83576.645	3774488.497	MH28
83613.207	3774494.173	MH29
83573.807	3774506.778	MH30
83539.391	3774482.714	MH31
83545.236	3774445.063	MH32
83533.577	3774520.163	MH33
83459.867	3774616.229	MH34
83486.766	3774680.469	MH35
83507.518	3774688.972	MH36
83516.316	3774685.287	MH37
83525.173	3774706.438	MH38
83571.459	3774687.057	MH39
83627.137	3774663.742	MH40
83646.472	3774616.552	MH41
83629.700	3774576.498	MH42
83650.387	3774567.836	MH43
83643.975	3774542.388	MH44
83617.833	3774553.335	MH45
83602.213	3774588.008	MH46
83597.679	3774600.481	MH47
83570.191	3774611.991	MH48
83536.247	3774626.205	MH49
83508.759	3774637.715	MH50
83494.082	3774602.663	MH51
83515.711	3774654.318	MH52
83521.570	3774591.154	MH53
83543.199	3774642.808	MH54
83555.514	3774576.940	MH55
83577.143	3774628.594	MH56
83583.001	3774565.430	MH57
83604.631	3774617.085	MH58

LEGEND FOR SEWER NETWORK

EXISTING	PROPOSED	DESCRIPTION
150 FS		EXISTING SEWER RETICULATION
		110mm DIAM. CLASS 34 uPVC PIPE
		160mm DIAM. CLASS 34 uPVC PIPE
◯	◎	MANHOLE
	○	RODDING EYE
	→	CONNECT TO EXISTING
122.677 121.226 1.451 EX	122.677 121.226 1.451 MH1	COVER LEVEL INVERT LEVEL DEPTH MANHOLE NUMBER
	●	GREY WATER FLUSH POINT

NOTES:

1. ALL WORK MUST BE DONE STRICTLY IN ACCORDANCE WITH THE SABS 1200, THE GENERAL CONDITIONS OF CONTRACT AND THE PROJECT SPECIFICATION.
2. THE WGS84 COORDINATE SYSTEM TO BE USED FOR ALL COORDINATES. BENCH MARKS TO BE CHECKED BY CONTRACTOR.
3. SETTING OUT DETAIL HAS TO BE CHECKED BY THE CONTRACTOR AND THE ENGINEER MUST BE INFORMED OF ANY DISCREPANCIES BEFORE COMMENCEMENT OF CONSTRUCTION.
4. RECORDS OF ALL CIVIL ENGINEERING STRUCTURES, EXISTING AND NEW, TO BE SUBMITTED AT THE END OF THE CONSTRUCTION PERIOD.
5. ANY DEVIATION FROM THE CONSTRUCTION DRAWINGS AND/ OR DESIGN MUST BE SUBMITTED TO THE ENGINEER AND APPROVED IN WRITING.
6. A COMPLETION CERTIFICATE WILL ONLY BE ISSUED ONCE AS-BUILT INFORMATION IS RECEIVED, INCLUSIVE OF EXISTING SERVICES INFORMATION.
7. WAYLEAVES FROM ALL SERVICES AUTHORITIES MUST BE OBTAINED PRIOR TO CONSTRUCTION. THSES WAYLEAVES CAN INCLUDE, BUT IS NOT LIMITED TO: DARK FIBRE AFRICA, NEOTEL, TELKOM, ALL MUNICIPAL SERVICES, ESKOM AND OTHERS.
8. RELEVANT AUTHORITIES TO BE CONTACTED BY CONTRACTOR TO IDENTIFY ALL EXISTING SERVICES ON SITE PRIOR TO CONSTRUCTION.
9. CONTRACTOR TO REINSTATE ALL HARDNED SURFACES COMPLETE WITH ALL LAYERWORKS.
10. CUTTING AND REINSTATEMENT OF TARRED SURFACES MUST BE ACCORDING TO APPLICABLE DETAIL SUPPLIED. ALL TARRED SURFACES MUST BE SAW CUT.

Charl Möller
Consulting Engineer
ECSA Reg. No.: 880100
Cell No.: 082 469 8174
Charl Möller Pr Eng — 2025.3.3 Date

SEWER HOUSE CONNECTION COORDINATES

Erf No.	Erf SG No.	Y	X	Invert
1	7983	83458,258	3774617,061	78,711
2	7984	83465,316	3774633,72	78,625
3	7985	83472,214	3774650,177	78,158
4	7986	83478,863	3774666,822	78,059
5	7987	83484,421	3774680,526	78,198
6	7988	83501,386	3774688,076	76,427
7	7989	83524,181	3774704,145	74,567
8	7990	83547,49	3774694,817	71,674
9	7991	83570,50	3774685,231	68,357
10	7992	83594,116	3774675,986	65,244
11	7993	83616,808	3774666,22	62,018
12	7994	83635,39	3774640,478	57,36
13	7995	83642,167	3774610,569	53,494
14	7996	83635,111	3774593,892	52,95
15	7997	83628,426	3774577,294	53,071
16	7998	83627,17	3774575,231	52,891
17	7999	83643,707	3774547,019	49,47
18	8000	83640,536	3774541,989	49,719
19	8001	83616,106	3774549,151	53,136
20	8002	83609,165	3774494,007	52,012
21	8003	83610,322	3774491,907	52,571
22	8004	83614,200	3774473,149	52,69
23	8005	83611,956	3774421,757	56,724
24	8006	83610,386	3774409,282	57,358
25	8007	83599,963	3774374,795	59,196
26	8008	83587,855	3774349,678	59,685
27	8009	83583,607	3774344,139	59,875
28	8010	83567,561	3774326,066	59,589
29	8011	83554,619	3774309,352	59,533
30	8012	83526,176	3774306,13	60,626
31	8013	83502,161	3774322,784	62,325
32	8014	83484,058	3774336,105	63,182
33	8015	83465,933	3774351,222	64,929
34	8016	83448,314	3774365,555	65,549
35	8017	83430,448	3774379,892	67,775
36	8018	83433,771	3774408,965	71,196
37	8019	83429,596	3774433,181	73,556
38	8020	83402,259	3774409,266	71,667
39	8021	83399,727	3774427,528	74,015
40	8022	83396,95	3774445,363	76,086
41	8023	83394,129	3774463,134	77,916
42	8024	83390,93	3774481,445	79,554
43	8025	83424,043	3774470,696	75,688
44	8026	83421,093	3774490,821	76,87
45	8027	83417,405	3774515,689	78,357
46	8028	83414,736	3774534,788	79,624
47	8029	83423,066	3774554,569	79,587
48	8030	83548,384	3774354,839	62,526
49	8031	83520,21	3774349,295	63,587
50	8032	83545,904	3774392,88	63,958
51	8033	83543,532	3774407,036	65,089
52	8034	83543,252	3774444,936	63,939
53	8035	83541,025	3774463,277	63,496
54	8036	83538,027	3774481,374	62,962
55	8037	83537,663	3774483,717	63,042
56	8038	83534,962	3774501,442	63,665
57	8039	83532,000	3774520,411	65,122
58	8040	83554,14	3774576,033	64,178
59	8041	83562,268	3774594,084	64,233
60	8042	83569,218	3774610,709	64,52
61	8043	83568,885	3774613,599	64,336
62	8044	83576,086	3774631,21	64,569
63	8045	83602,881	3774617,498	58,98
64	8046	83595,783	3774601,752	58,916
65	8047	83595,309	3774599,325	58,903
66	8048	83588,488	3774583,283	59,065
67	8049	83581,515	3774566,62	58,893
68	8050	83572,513	3774507,054	58,545
69	8051	83575,019	3774489,917	57,965
70	8052	83575,352	3774486,326	58,008
71	8053	83577,954	3774468,28	58,263
72	8054	83580,846	3774449,764	59,123
73	8055	83583,479	3774431,844	59,744
74	8056	83577,096	3774406,426	60,859
75	8057	83570,868	3774384,279	61,36
76	8058	83473,463	3774403,806	69,066
77	8059	83469,999	3774423,339	70,478
78	8060	83467,806	3774441,615	71,152
79	8061	83464,381	3774460,006	71,903
80	8062	83461,903	3774477,919	72,369
81	8063	83459,187	3774496,396	73,357
82	8064	83456,307	3774514,508	73,926
83	8065	83454,231	3774529,96	75,03
84	8066	83459,191	3774542,914	75,34
85	8067	83492,552	3774601,371	74,225
86	8068	83499,747	3774619,829	73,688
87	8069	83506,424	3774636,13	73,447
88	8070	83506,823	3774638,193	73,704
89	8071	83513,594	3774655,807	73,799
90	8072	83541,719	3774643,556	70,392
91	8073	83534,768	3774627,324	69,784
92	8074	83533,772	3774624,469	69,628
93	8075	83527,485	3774608,331	69,66
94	8076	83519,746	3774592,157	69,579
95	8077	83493,322	3774528,735	69,995
96	8078	83493,92	3774517,828	69,688
97	8079	83496,825	3774499,244	68,961
98	8080	83499,646	3774480,992	68,25
99	8081	83501,84	3774462,486	68,273
100	8082	83505,315	3774444,756	67,565
101	8083	83508,219	3774426,218	66,791
102	8084	83511,09	3774407,877	66,203
103	8085	83513,566	3774390,131	66,031

REVISIONS

NO	DATE	DESCRIPTION
00	31/07/23	FOR INFORMATION PURPOSES
01	16/10/23	FOR TENDER PURPOSES

CLIENT
OUTENIQUABOSCH

PROJECT
OUTENIQUABOSCH
DEVELOPMENT - PHASE 9

DRAWING TITLE
SEWER LAYOUT PLAN
"AS BUILT" PLAN

SIGNATURE: STRUCTURAL ENGINEERS
.....201770103...Pr Tech Eng.

DATE	DRAWN	CHECKED
JULY 2023	CM	CM
DRAWING NO. SIZE: A1	REV.NO	SCALE
A221XX/C/05	01	1:500 - A0

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