

Chainage(km+m)	1208	1204	1200	1196	1192	1188	1184	1180	1176
0+000	0+020	0+040	0+060	0+080	0+100	0+120	0+140	0+160	0+180
0+200	0+220	0+240	0+260	0+280	0+300	0+320	0+340	0+360	0+380
0+400	0+420	0+440	0+460	0+480	0+500	0+520	0+540	0+560	0+580
0+600	0+620	0+640	0+660	0+680	0+700	0+720	0+740	0+760	0+780
0+800	0+820	0+840	0+860	0+880	0+900	0+920	0+940	0+960	0+980
1+000	1+020	1+040	1+060	1+080	1+100	1+120	1+140	1+160	1+180
1+200	1+220	1+240	1+260	1+280					

Ground Elevation(Masl)	1211.15	1211.05	1211.00	1211.00	1211.00	1211.00	1211.00	1210.76	1210.28	1209.81	1209.34	1208.89	1208.32	1207.84	1207.31	1206.68	1206.02	1205.51	1204.95	1204.30	1203.65	1203.37	1203.52	1203.67	1203.75	1203.84	1204.10	1204.17	1204.05	1204.05	1204.20	1204.29	1204.31	1204.23	1204.20	1204.12	1204.01	1204.00	1204.00	1204.00	1203.96	1203.75	1203.54	1203.32	1202.74	1202.24	1201.80
1210.15	1210.12	1210.09	1210.06	1210.05	1210.00	1209.97	1209.74	1209.26	1208.77	1208.28	1207.80	1207.31	1206.82	1206.28	1205.68	1205.07	1204.47	1203.87	1203.27	1202.79	1202.82	1202.84	1202.86	1202.89	1202.91	1202.93	1202.96	1202.98	1202.99	1202.98	1202.98	1202.98	1202.98	1202.98	1202.98	1202.97	1202.97	1202.97	1202.96	1202.96	1202.77	1202.58	1202.32	1201.80	1201.27	1200.75	

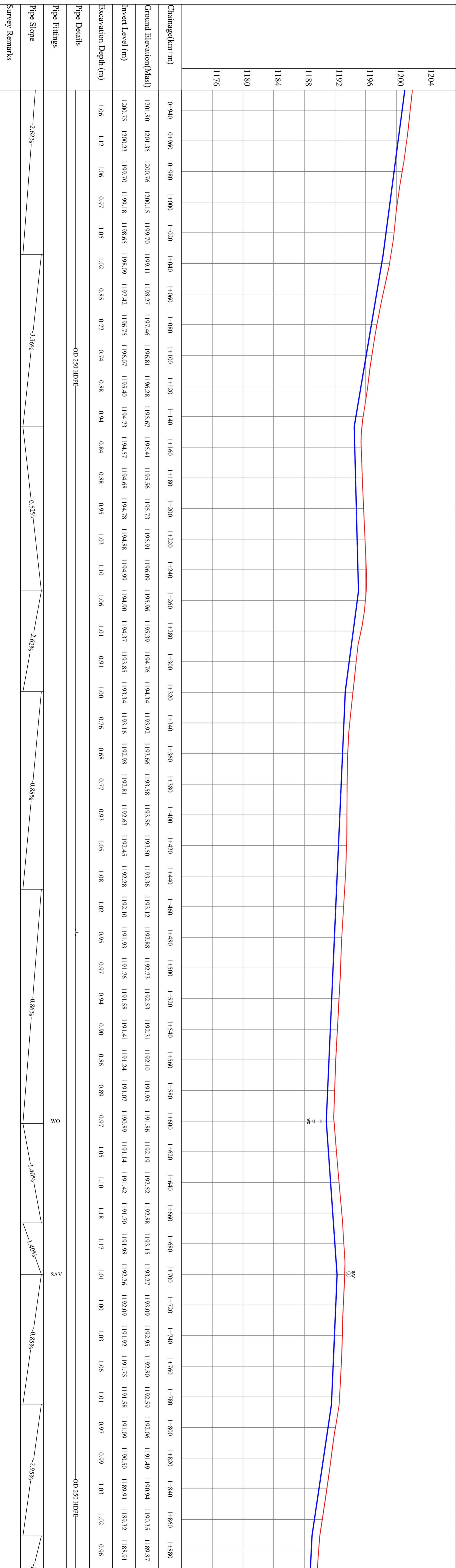
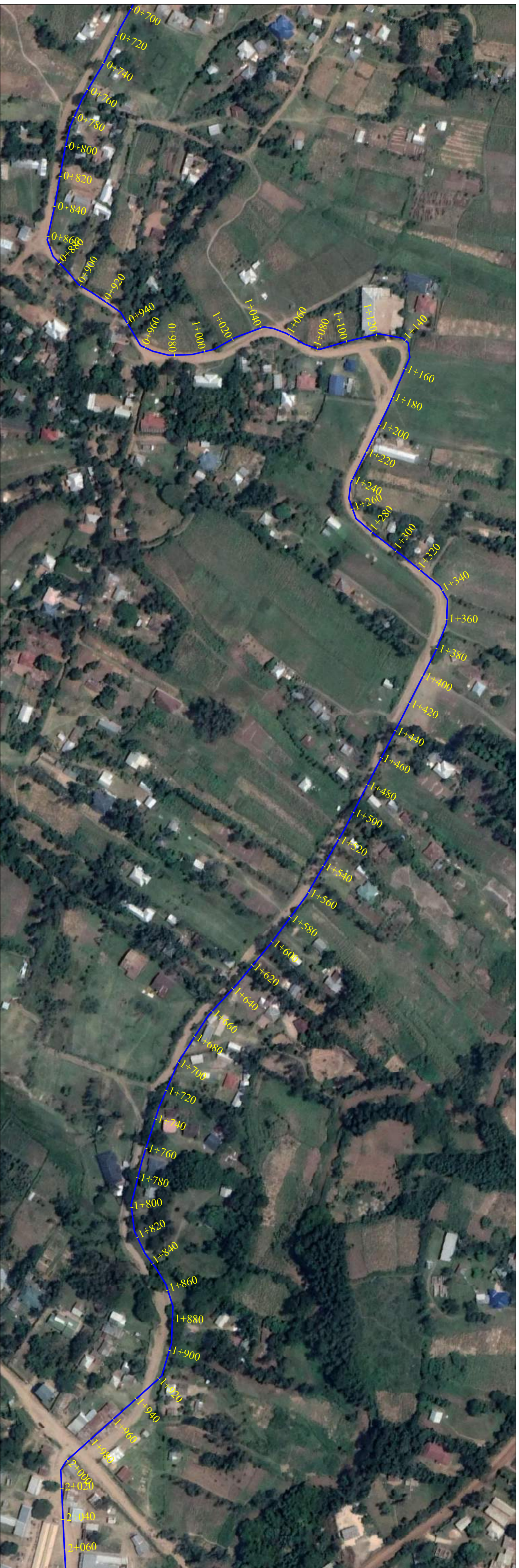
Excavation Depth (m)	1.00	0.92	0.91	0.94	0.97	1.00	1.03	1.01	1.02	1.04	1.06	1.10	1.02	1.01	1.03	1.01	0.95	1.04	1.08	1.03	0.86	0.56	0.68	0.80	0.86	0.93	1.17	1.21	1.06	1.05	1.21	1.30	1.32	1.24	1.23	1.14	1.04	1.03	1.03	1.04	1.04	1.00	0.98	0.96	1.00	0.94	0.97	1.06
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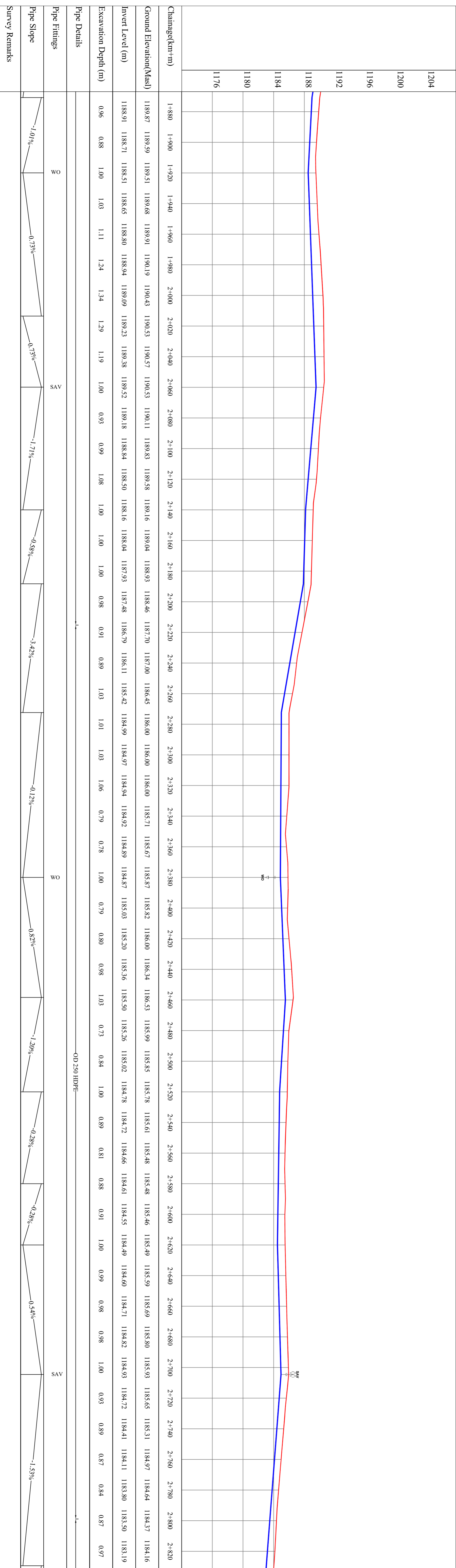
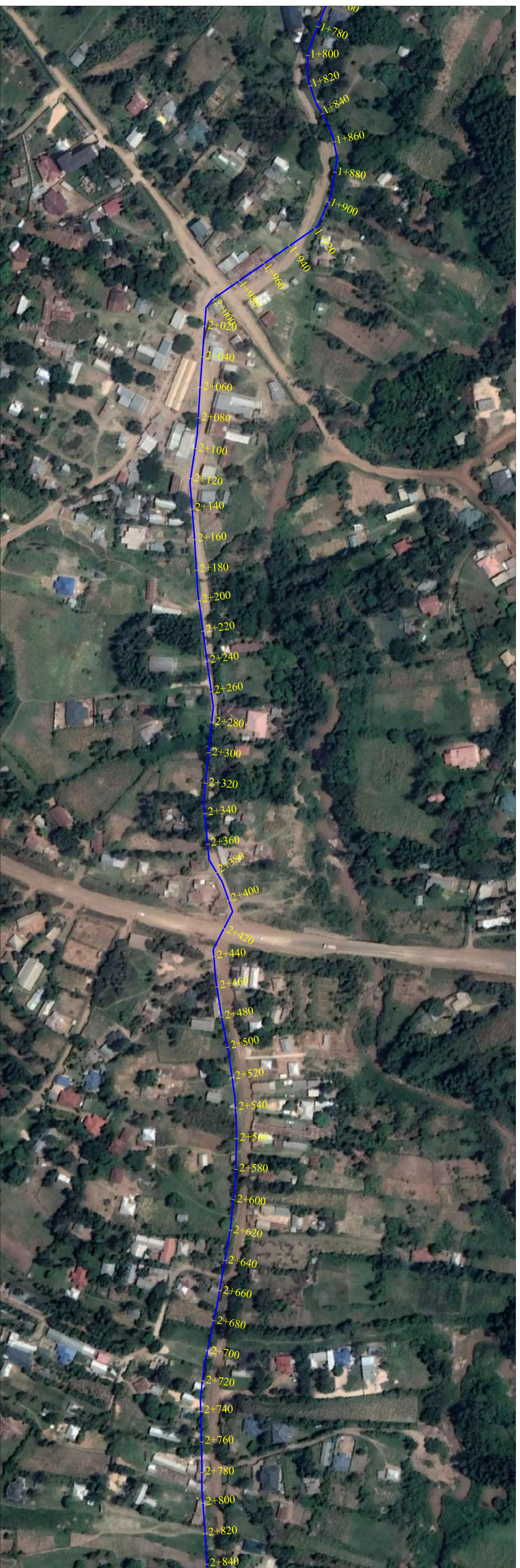
Survey Slope	-0.15%	-2.43%	-3.01%	-0.12%	-0.02%	-0.02%	-0.94%
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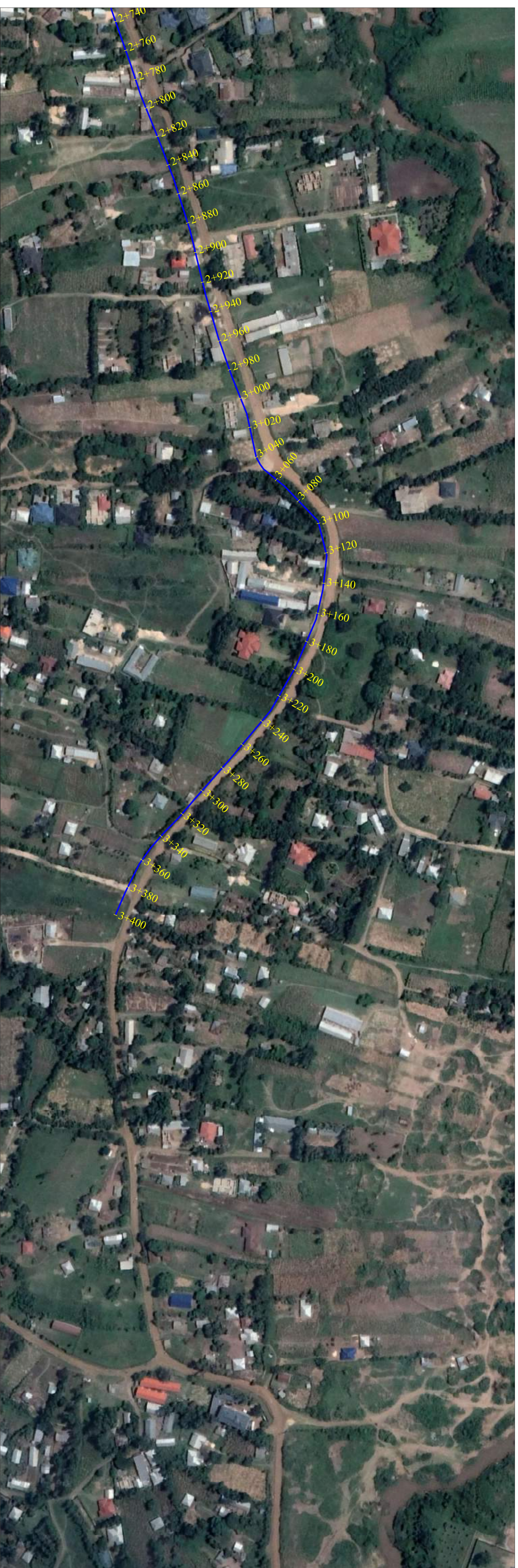
REVISION NO	DATE	AS BUILT DRAWING	SUPERVISED BY:	CONTRACTOR:	PROJECT TITLE	EMPLOYER	FUNDED BY
		DRAWN BY: GIS-A APPROVED BY: PDCE SHEET NO: 1/4	DATE: June-2023 SCALE: 1:1250 DRAWING NO: WN/KMLR/001	PLANNING DESIGN & CONSTRUCTION ENGINEER- KIWASCO	PACKAGE 3- CONSTRUCTION OF 3.4 KM HDPE KAMALER PIPE NETWORKS DRAWING TITLE PLAN AND VERTICAL PROFILE DRAWING-MAINLINE	KISUMU WATER & SANITATION COMPANY LTD.	WATER SECTOR TRUST FUND (WATERFUND)



REVISION NO	DATE	AS BUILT DRAWING	SUPERVISED BY:	CONTRACTOR:	PROJECT TITLE	EMPLOYER	FUNDED BY
		DRAWN BY: GIS-A	PLANNING DESIGN & CONSTRUCTION ENGINEER- KIWASCO		PACKAGE 3- CONSTRUCTION OF 3.4 KM HDPE KAMALER PIPE NETWORKS	KISUMU WATER & SANITATION COMPANY LTD.	WATER SECTOR TRUST FUND (WATERFUND)
		APPROVED BY: PDCE	SCALE: 1:1250		DRAWING TITLE PLAN AND VERTICAL PROFILE DRAWING-MAINLINE		
		SHEET NO: 2/4	DRAWING NO: WN/KMLR/002				



REVISION NO	DATE	AS BUILT DRAWING	SUPERVISED BY:	CONTRACTOR:	PROJECT TITLE	EMPLOYER	FUNDED BY
		DRAWN BY: GIS-A	PLANNING DESIGN & CONSTRUCTION ENGINEER- KIWASCO		PACKAGE 3- CONSTRUCTION OF 3.4 KM HDPE KAMALER PIPE NETWORKS	KISUMU WATER & SANITATION COMPANY LTD.	WaterFund WATER SECTOR TRUST FUND (WATERFUND)
		APPROVED BY: PDCE			DRAWING TITLE PLAN AND VERTICAL PROFILE DRAWING-MAINLINE		
		SHEET NO: 3/4	SCALE: 1:1250				
		DRAWING NO: WN/KMLR/003					



Chainage(km+m)	2+820	2+840	2+860	2+880	2+900	2+920	2+940	2+960	2+980	3+000	3+020	3+040	3+060	3+080	3+100	3+120	3+140	3+160	3+180	3+200	3+220	3+240	3+260	3+280	3+300	3+320	3+340	
Ground Elevation(Masl)	1184.16	1183.89	1183.62	1183.37	1183.13	1182.85	1182.73	1182.65	1182.56	1182.45	1182.37	1182.33	1182.11	1181.91	1181.75	1181.88	1182.20	1182.58	1182.88	1182.92	1183.01	1183.12	1183.28	1183.45	1183.62	1183.78	1183.96	
Invert Level (m)	1183.19	1182.92	1182.68	1182.44	1182.20	1181.96	1181.78	1181.63	1181.54	1181.44	1181.35	1181.26	1181.16	1181.07	1180.97	1180.88	1181.14	1181.40	1181.66	1181.92	1182.07	1182.22	1182.37	1182.52	1182.67	1182.81	1182.96	
Excavation Depth (m)	0.97	0.97	0.94	0.93	0.93	0.89	0.94	1.02	1.02	1.00	1.02	1.08	0.95	0.84	0.78	1.00	1.06	1.18	1.22	1.00	0.94	0.90	0.91	0.93	0.95	0.97	1.00	
Pipe Details	OD 250 HDPE																											
Pipe Fittings																												
Pipe Slope	-1.20%																											
Survey Remarks																												

REVISION NO	DATE	AS BUILT DRAWING		SUPERVISED BY:	CONTRACTOR:	PROJECT TITLE		EMPLOYER	FUNDED BY
		DRAWN BY: GIS-A	DATE: June-2023			PLANNING DESIGN & CONSTRUCTION ENGINEER- KIWASCO	PACKAGE 3- CONSTRUCTION OF 3.4 KM HDPE KAMALER PIPE NETWORKS		
		APPROVED BY: PDCE	SCALE: 1:1250			DRAWING NO: W/KMLR/004			
		SHEET NO: 4/4							