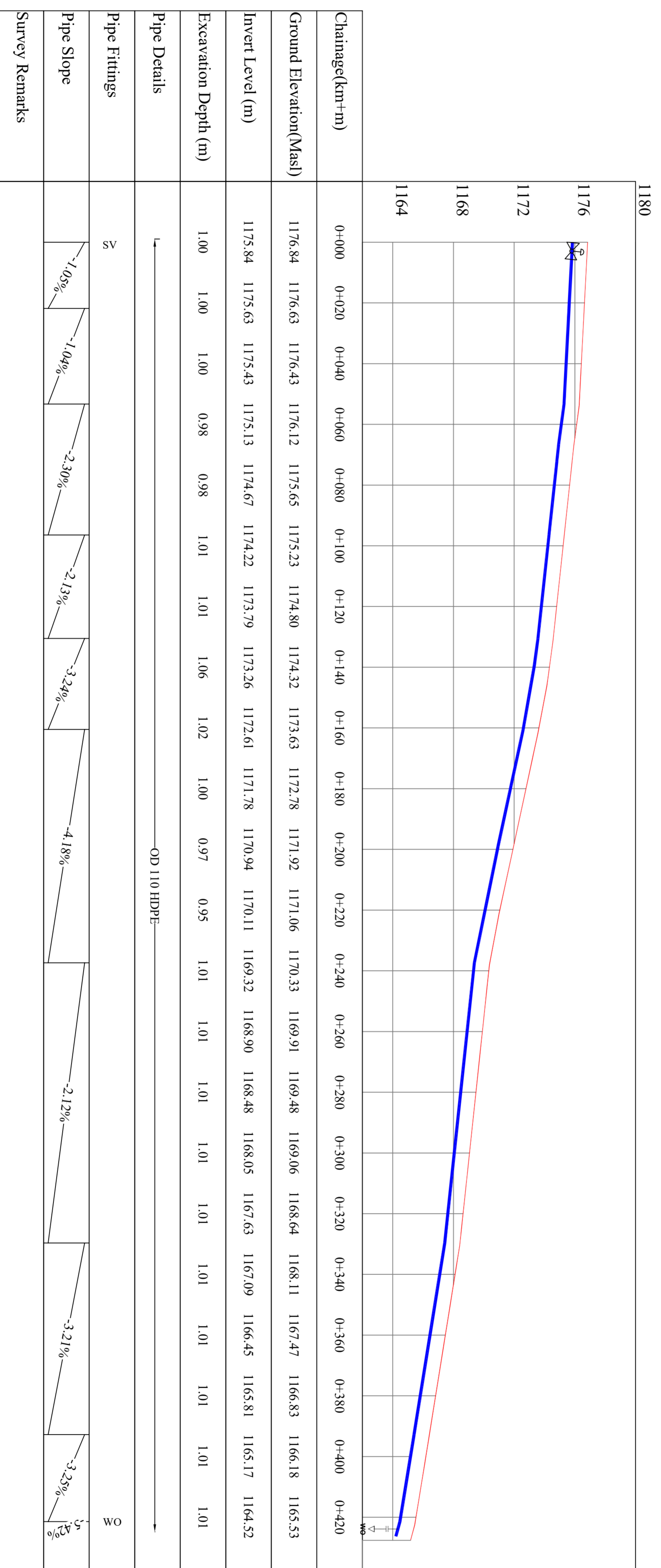




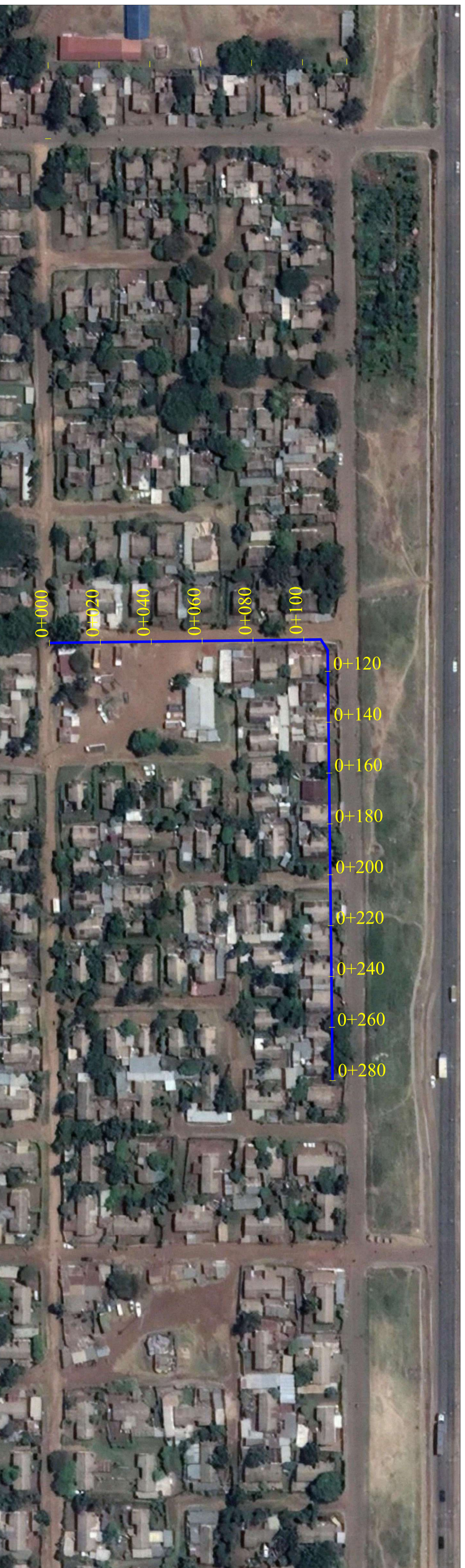


Chainage(km+m)	0+000	0+020	0+040	0+060	0+080	0+100	0+120	0+140	0+160	0+180	0+200	0+220	0+240	0+260	0+280	0+300	0+320
Ground Elevation(Masi)	1180.23	1180.21	1179.97	1179.75	1179.53	1179.31	1179.10	1178.79	1178.35	1177.90	1177.57	1177.14	1176.75	1176.52	1176.30	1176.08	1175.82
Invert Level (m)	1179.23	1179.21	1178.97	1178.75	1178.53	1178.31	1178.09	1177.78	1177.34	1176.92	1176.58	1176.16	1175.75	1175.52	1175.30	1175.08	1174.81
Excavation Depth (m)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.01	1.01	0.98	0.99	0.97	1.00	1.00	1.00	1.00	1.00
Pipe Details	←————— OD 63 HDPE —————→																
Pipe Fittings	2																
Pipe Slope																	
Survey Remarks																	



REVISION NO	DATE	DESIGN DRAWING	SUPERVISED BY:	CONTRACTOR:	PROJECT TITLE	EMPLOYER	FUNDED BY
		DRAWN BY: GIS-A APPROVED BY: PDCE SHEET NO: 1/6	PLANNING DESIGN & CONSTRUCTION ENGINEER- KIWASCO		PACKAGE 1 - CONSTRUCTION OF 6.018KM HDPE ARINA PIPELINE NETWORKS DRAWING TITLE PLAN AND VERTICAL PROFILE DRAWING- ARINA L1	KISUMU WATER & SANITATION COMPANY LTD.	WaterFund WATER SECTOR TRUST FUND (WATERFUND)
		DATE: June-2023 SCALE: 1:1000 DRAWING NO: WN/ARINA/001					



REVISION NO	DATE	DESIGN DRAWING	SUPERVISED BY:	CONTRACTOR:	PROJECT TITLE	EMPLOYER	FUNDED BY
		DRAWN BY: GIS-A DATE: June-2023	PLANNING DESIGN & CONSTRUCTION ENGINEER- KIWASCO	KISUMU WATER & SANITATION COMPANY LTD.	PACKAGE 1 - CONSTRUCTION OF 6.018KM HDPE ARINA PIPELINE NETWORKS DRAWING TITLE PLAN AND VERTICAL PROFILE DRAWING-ARINA L2	 KISUMU WATER & SANITATION COMPANY LTD.	 WATER SECTOR TRUST FUND (WATERFUND)
		APPROVED BY: PDCE SCALE: 1:1000					
		SHEET NO: 2/6 DRAWING NO: WN/ARINA/002					



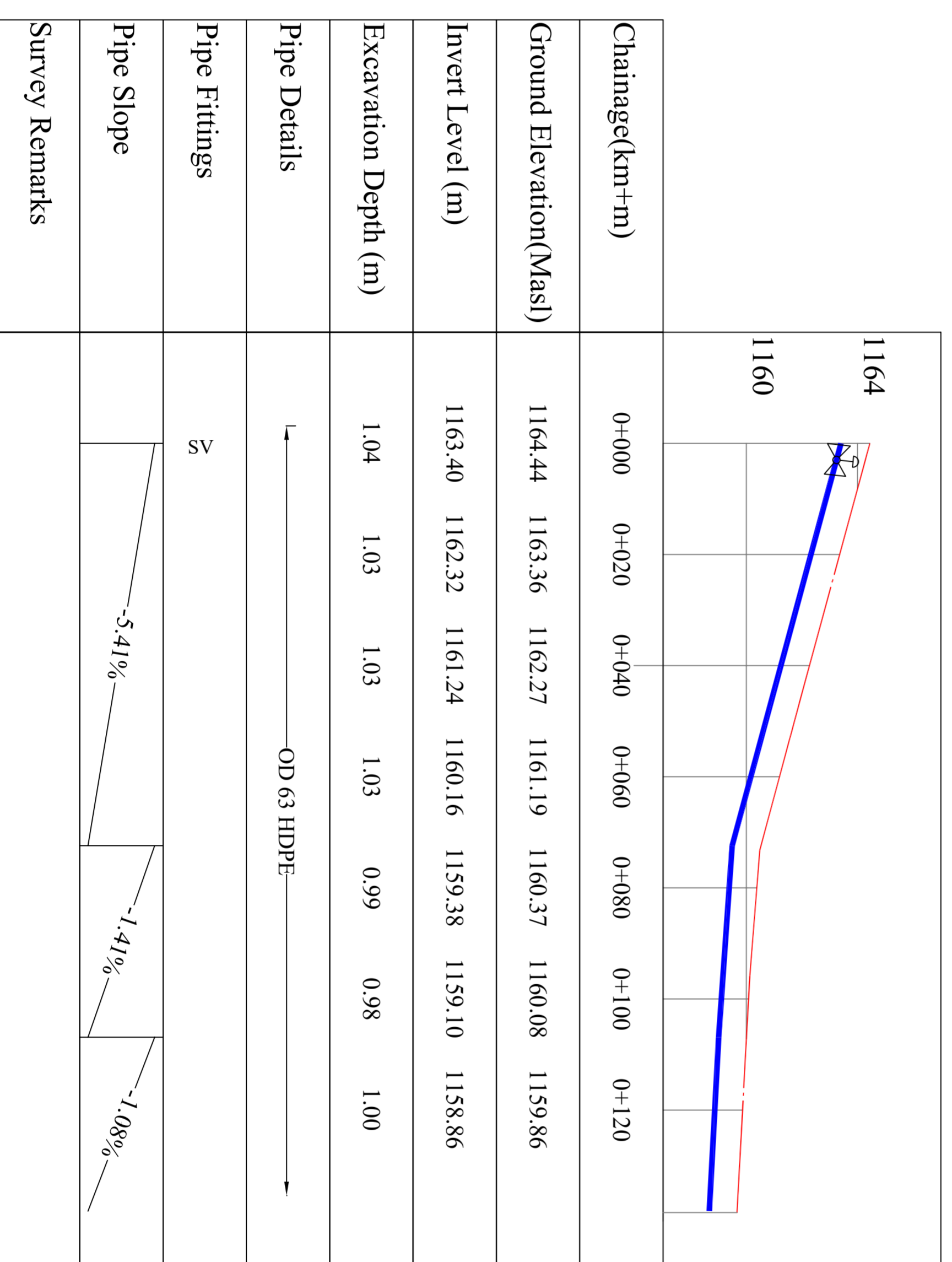
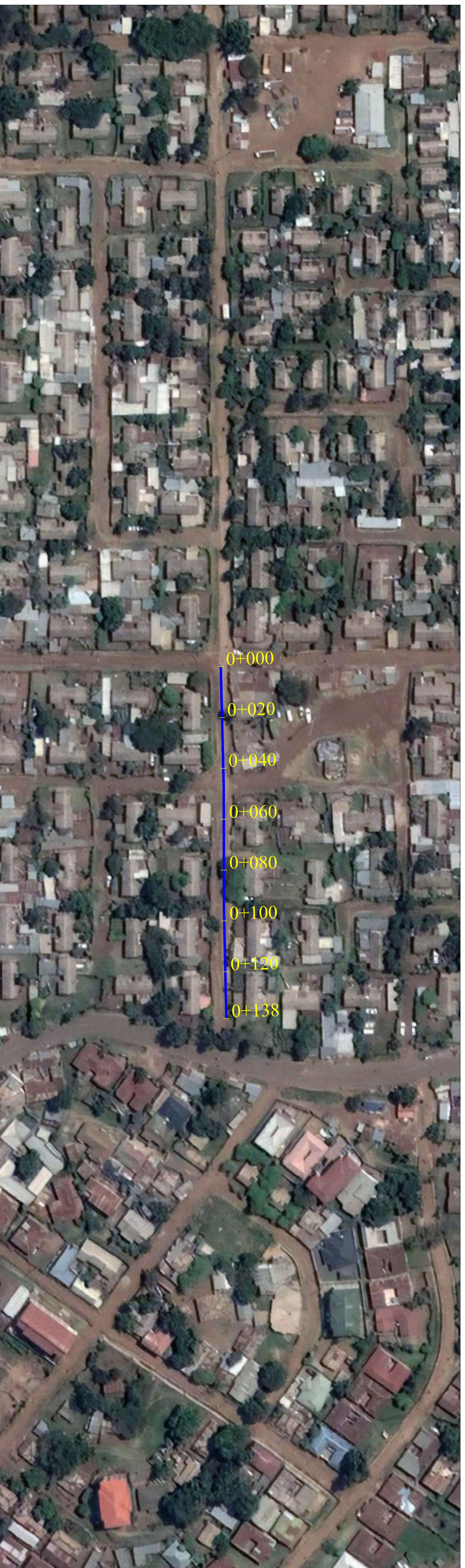
Chainage(km+m)	0+000	0+020	0+040	0+060	0+080	0+100	0+120	0+140	0+160	0+180	0+200	0+220	0+240	0+260	0+280	
Ground Elevation(Masl)	1171.99	1171.65	1171.32	1171.01	1170.73	1170.39	1169.83	1169.19	1168.69	1168.26	1167.83	1167.40	1166.95	1166.30	1165.65	
Invert Level (m)	1170.99	1170.65	1170.31	1169.99	1169.68	1169.38	1168.83	1168.18	1167.68	1167.24	1166.81	1166.37	1165.93	1165.28	1164.64	
Excavation Depth (m)	1.00	1.00	1.00	1.02	1.04	1.01	1.00	1.01	1.01	1.01	1.02	1.02	1.01	1.01	1.01	
Pipe Details	← OD 63 HDPE →															
Pipe Fittings	2															
Pipe Slope	-1.68%		-1.52%		-3.27%		-2.18%		-3.24%		-3.24%					
Survey Remarks																



REVISION NO	DATE	DESIGN DRAWING	SUPERVISED BY:	CONTRACTOR:	PROJECT TITLE	EMPLOYER	FUNDED BY
		DRAWN BY: GIS-A APPROVED BY: PDCE SHEET NO: 3/6	PLANNING DESIGN & CONSTRUCTION ENGINEER- KIWASCO		PACKAGE 1 - CONSTRUCTION OF 6.018KM HDPE ARINA PIPELINE NETWORKS DRAWING TITLE PLAN AND VERTICAL PROFILE DRAWING-ARINA LINE 3	 KISUMU WATER & SANITATION COMPANY LTD.	 WATER SECTOR TRUST FUND (WATERFUND)
		DATE: June-2023 SCALE: 1:750 DRAWING NO: WN/ARINA/003					



1172	
Chainage(km+m)	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
Ground Elevation(Masl)	1170.19 1170.63 1171.07 1171.51 1171.95 1172.38 1172.79 1172.35 1171.92 1171.49 1171.06 1170.64 1170.07 1170.51 1170.96 1171.40 1171.19
Invert Level (m)	1169.19 1169.62 1170.05 1170.49 1170.92 1171.35 1171.78 1171.33 1170.87 1170.42 1169.97 1169.51 1169.06 1169.49 1169.92 1170.35 1170.16
Excavation Depth (m)	1.01 1.01 1.02 1.03 1.03 1.01 1.02 1.05 1.07 1.10 1.12 1.01 1.02 1.04 1.05 1.02
Pipe Details	OD 63 HDPE
Pipe Fittings	2
Pipe Slope	2.16% 2.27% 2.14% 4.36%
Survey Remarks	



REVISION NO	DATE	DESIGN DRAWING	SUPERVISED BY:	CONTRACTOR:	PROJECT TITLE	EMPLOYER	FUNDED BY
		DRAWN BY: GIS-A	PLANNING DESIGN & CONSTRUCTION ENGINEER- KIWASCO		PACKAGE 1 - CONSTRUCTION OF 6.018KM HDPE ARINA PIPELINE NETWORKS	KISUMU WATER & SANITATION COMPANY LTD.	WaterFund WATER SECTOR TRUST FUND (WATERFUND)
		DATE: June-2023			DRAWING TITLE		
		APPROVED BY: PDCE	ENGINEER- KIWASCO		PLAN AND VERTICAL PROFILE DRAWING- ARINA L4		
		SCALE: 1:750					
		SHEET NO: 4/6					
		DRAWING NO: WN/ARINA/004					



REVISION NO	DATE	DESIGN DRAWING	SUPERVISED BY:	CONTRACTOR:	PROJECT TITLE	EMPLOYER	FUNDED BY
		DRAWN BY: GIS-A APPROVED BY: PDCE SHEET NO: 5/6	DATE: June-2023 SCALE: 1:750 DRAWING NO: WN/ARINA/005	PLANNING DESIGN & CONSTRUCTION ENGINEER- KIWASCO	PACKAGE 1 - CONSTRUCTION OF 6.018KM HDPE ARINA PIPELINE NETWORKS DRAWING TITLE PLAN AND VERTICAL PROFILE DRAWING-ARINA LINE 5	 KISUMU WATER & SANITATION COMPANY LTD.	 WATER SECTOR TRUST FUND (WATERFUND)



Chainage(km+m)	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
Ground Elevation(Masl)	1161.90	1162.35	1162.80	1163.25	1163.65	1164.00	1164.46	1164.22	1163.26	1162.71	1162.61	1162.11	1161.46	1160.89
Invert Level (m)	1160.89	1161.32	1161.75	1162.18	1162.61	1163.03	1163.46	1163.20	1162.25	1161.70	1161.60	1161.13	1160.50	
Excavation Depth (m)	1.01	1.03	1.05	1.07	1.05	0.97	0.99	1.02	1.01	1.01	1.01	0.99	0.95	
Pipe Details	←————— OD 63 HDPE —————→													
Pipe Fittings	2													
Pipe Slope														
Survey Remarks														

REVISION NO	DATE	DESIGN DRAWING	SUPERVISED BY:	CONTRACTOR:	PROJECT TITLE	EMPLOYER	FUNDED BY
		DRAWN BY: GIS-A	PLANNING DESIGN & CONSTRUCTION ENGINEER- KIWASCO		PACKAGE 1 - CONSTRUCTION OF 6.018KM HDPE ARINA PIPELINE NETWORKS DRAWING TITLE PLAN AND VERTICAL PROFILE DRAWING-ARINA LINE 6	 KISUMU WATER & SANITATION COMPANY LTD.	 WATER SECTOR TRUST FUND (WATERFUND)
		DATE: June-2023					
		APPROVED BY: PDCE					
		SCALE: 1:750					
		SHEET NO: 6/6					
		DRAWING NO: WN/ARINA/006					