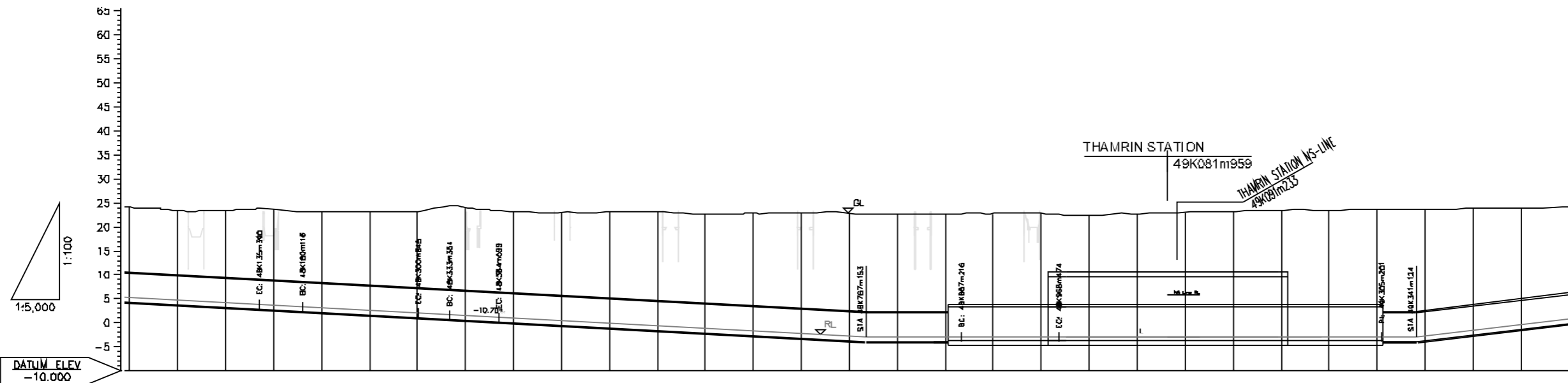
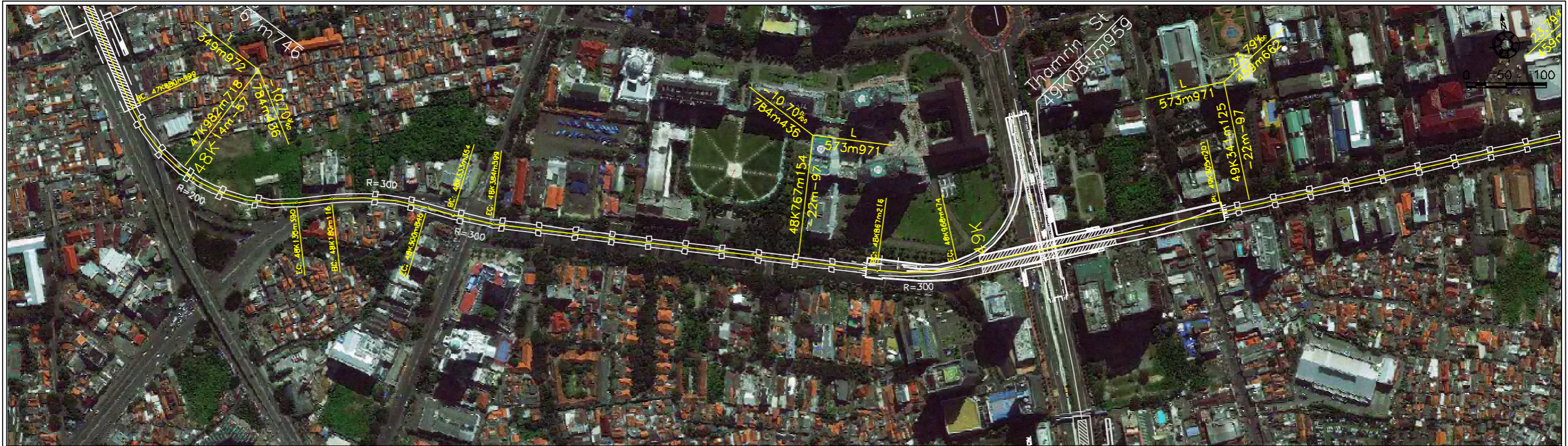


GRADIENT	-13.50										-2.00%										-14.57										
RAIL LEVEL	-13.73	-13.58	-13.50	-13.50	-13.50	-13.50	-13.50	-13.50	-13.50	-13.50	-13.51	-13.61	-13.71	-13.81	-13.91	-14.01	-14.11	-14.21	-14.31	-14.41	-14.51	-14.57	-14.57	-14.57	-14.57	-14.57	-14.57	-14.57	-14.57	-14.57	-14.57
GROUND LEVEL	2.87	2.90	2.93	2.88	2.98	3.00	3.04	3.00	3.00	3.13	3.15	3.12	3.17	3.16	3.28	3.50	3.09	2.72	2.55	2.87	2.83	2.91	3.35	2.85	2.99	3.67	3.54	3.47	4.13	4.13	4.13
INTERVAL DISTANCE	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
CUMULATIVE DISTANCE	46K500m	46K550m	46K600m	46K650m	46K700m	46K750m	46K800m	46K850m	46K900m	46K950m	47K000m	47K050m	47K100m	47K150m	47K200m	47K250m	47K300m	47K350m	47K400m	47K450m	47K500m	47K550m	47K600m	47K650m	47K700m	47K750m	47K800m	47K850m	47K900m	47K950m	48K000m
CURVATURE	R: 1000.00m																				R: 200										

PREPARATORY SURVEY FOR JAKARTA  
 MASS RAPID TRANSIT (MRT)  
 EAST-WEST (E-W) LINE PROJECT

TITLE : PHASE 1  
 STATION : 46K500m000-48K000m000  
 PAGE : 10

REV. No	DATE	DESCRIPTION	BY	APPROVAL

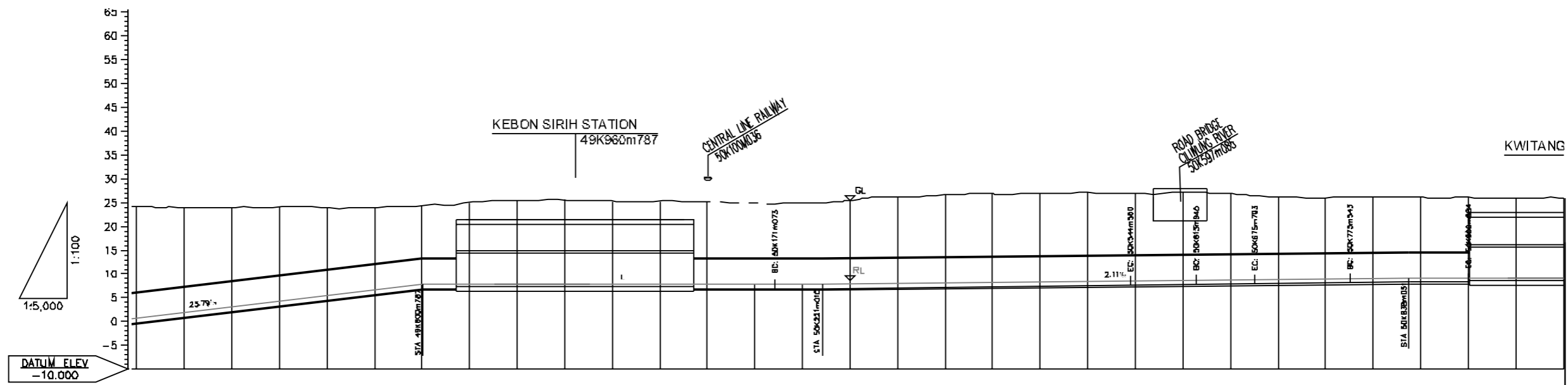
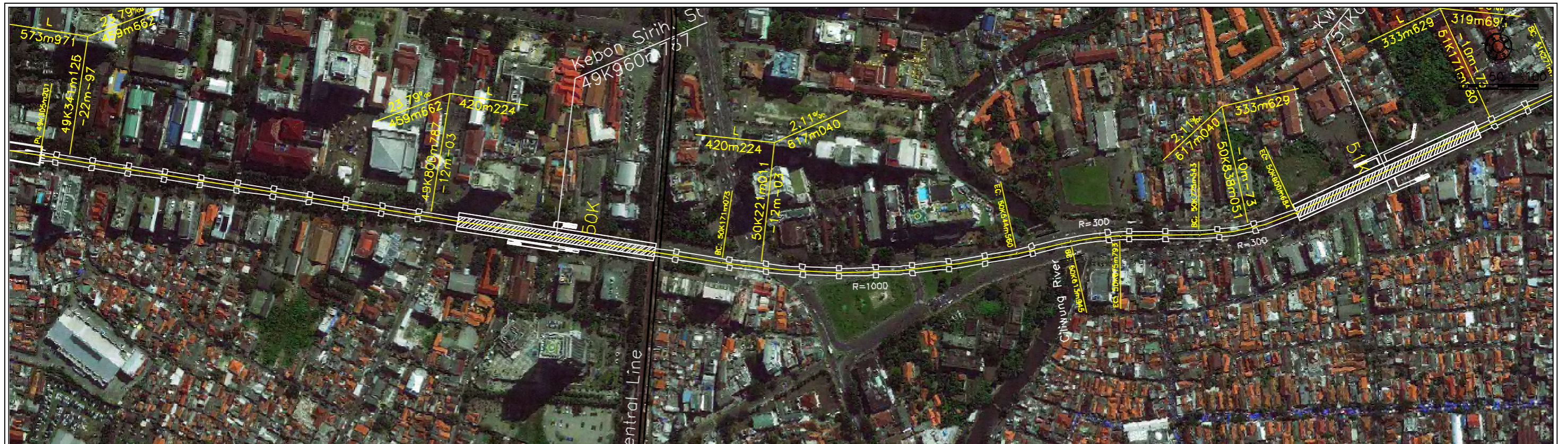


GRADIENT	-10.70%																																
RAIL LEVEL	14.76	15.29	15.83	16.36	16.90	17.43	17.97	18.50	19.04	19.57	20.11	20.64	21.18	21.71	22.25	22.78	22.97	22.97	22.97	22.97	22.97	22.97	22.97	22.97	22.76	21.57	20.38	19.19					
GROUND LEVEL	4.13	3.39	3.53	3.83	3.29	3.30	3.27	4.09	3.26	3.05	3.12	3.17	2.77	2.89	2.93	2.90	2.61	2.64	2.84	2.84	2.49	2.80	3.05	3.25	3.48	3.49	3.73	3.89	3.96	3.97	4.17		
INTERVAL DISTANCE	50.00																																
COMULATIVE DISTANCE	48K000+00	48K050+	48K100+	48K150+	48K200+	48K250+	48K300+	48K350+	48K400+	48K450+	48K500+	48K550+	48K600+	48K650+	48K700+	48K750+	48K800+	48K850+	48K900+	48K950+	49K000+	49K050+	49K100+	49K150+	49K200+	49K250+	49K300+	49K350+	49K400+	49K450+	49K500+		
CURVATURE	R: 200.00m			R: 300.00m			R: 300.00m												R: 300.00m														

PREPARATORY SURVEY FOR JAKARTA  
MASS RAPID TRANSIT (MRT)  
EAST-WEST (E-W) LINE PROJECT

TITLE : PHASE 1  
STATION : 48K000+000-49K500+000  
PAGE : 11

REV. No	DATE	DESCRIPTION	BY	APPROVAL

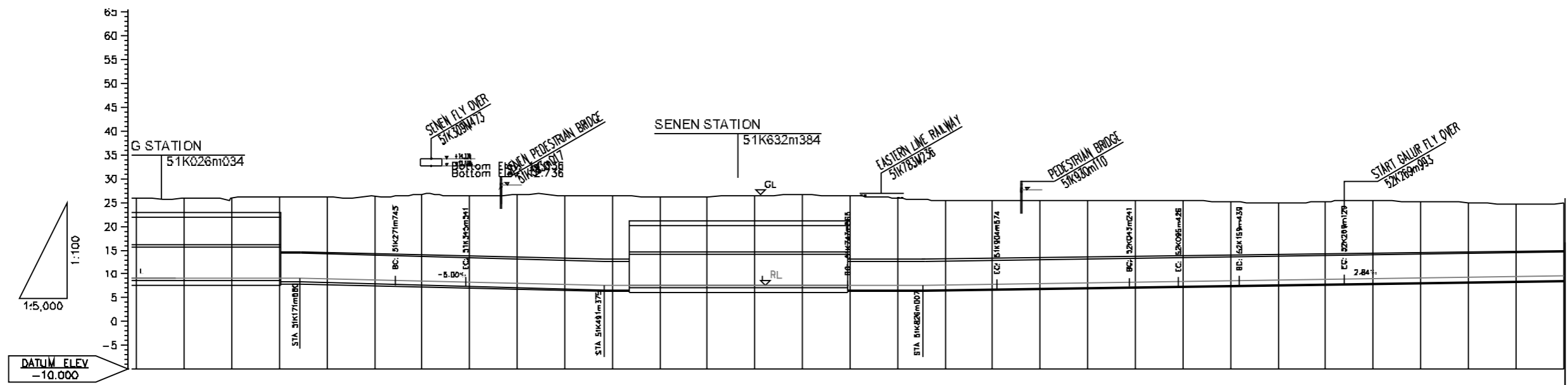


GRADIENT	23.79%		-12.03										2.11%										-10.73													
RAIL LEVEL	-19.19	-18.00	-16.81	-15.62	-14.43	-13.24	-12.05	-12.03	-12.03	-12.03	-12.03	-12.03	-12.03	-12.03	-12.03	-12.03	-11.87	-11.86	-11.76	-11.65	-11.55	-11.44	-11.54	-11.23	-11.13	-11.02	-10.92	-10.81	-10.75	-10.75	-10.75	-10.75	-10.75	-10.75		
GROUND LEVEL	4.17	3.99	3.99	4.12	3.99	4.04	4.35	5.09	5.50	5.60	5.35	5.33	5.22	4.90	4.97	5.52	6.17	6.67	6.88	7.08	7.12	6.93	7.32	6.94	6.28	6.06	6.18	6.10	6.11	5.92	6.04	6.04	6.04	6.04	6.04	
INTERVAL DISTANCE	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
CUMULATIVE DISTANCE	49K500+00	49K550+00	49K600+00	49K650+00	49K700+00	49K750+00	49K800+00	49K850+00	49K900+00	49K950+00	50K000+00	50K050+00	50K100+00	50K150+00	50K200+00	50K250+00	50K300+00	50K350+00	50K400+00	50K450+00	50K500+00	50K550+00	50K600+00	50K650+00	50K700+00	50K750+00	50K800+00	50K850+00	50K900+00	50K950+00	51K000+00	51K000+00	51K000+00	51K000+00	51K000+00	51K000+00
CURVATURE											R: 1000.00m										R: 300.00m		R: 300.00m													

**PREPARATORY SURVEY FOR JAKARTA  
 MASS RAPID TRANSIT (MRT)  
 EAST-WEST (E-W) LINE PROJECT**

TITLE : PHASE  
 STATION : 49K500+000-5+K000+000  
 PAGE : 12

REV.	NO.	DATE	DESCRIPTION	BY	APPROVAL



GRADIENT	-10.73%										-5.00%										-12.33%										2.84%									
RAIL LEVEL	-10.73	-10.73	-10.73	-10.73	-10.87	-11.12	-11.37	-11.62	-11.87	-12.12	-12.33	-12.33	-12.33	-12.33	-12.33	-12.33	-12.33	-12.26	-12.12	-11.98	-11.83	-11.69	-11.55	-11.41	-11.26	-11.12	-10.98	-10.84	-10.70	-10.55	-10.41									
GROUND LEVEL	6.04	5.90	5.76	5.62	5.48	5.34	5.20	5.06	4.92	4.78	4.64	4.50	4.36	4.22	4.08	3.94	3.80	3.66	3.52	3.38	3.24	3.10	2.96	2.82	2.68	2.54	2.40	2.26	2.12	1.98										
INTERVAL DISTANCE	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00										
CUMULATIVE DISTANCE	51K000+00	51K050+00	51K100+00	51K150+00	51K200+00	51K250+00	51K300+00	51K350+00	51K400+00	51K450+00	51K500+00	51K550+00	51K600+00	51K650+00	51K700+00	51K750+00	51K800+00	51K850+00	51K900+00	51K950+00	52K000+00	52K050+00	52K100+00	52K150+00	52K200+00	52K250+00	52K300+00	52K350+00	52K400+00	52K450+00	52K500+00									
CURVATURE	R=300.00m										R=180.00m										R=300.00m										R=600.00m									

**PREPARATORY SURVEY FOR JAKARTA  
 MASS RAPID TRANSIT (MRT)  
 EAST-WEST (E-W) LINE PROJECT**

TITLE : PHASE 1  
 STATION : 51K000+000-52K500+000  
 PAGE : 13

REV. No	DATE	DESCRIPTION	BY	APPROVAL