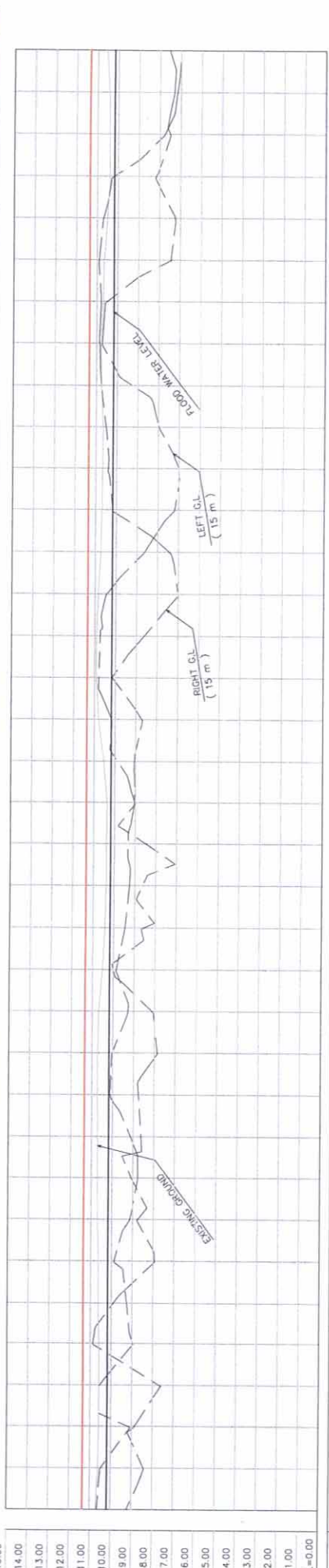
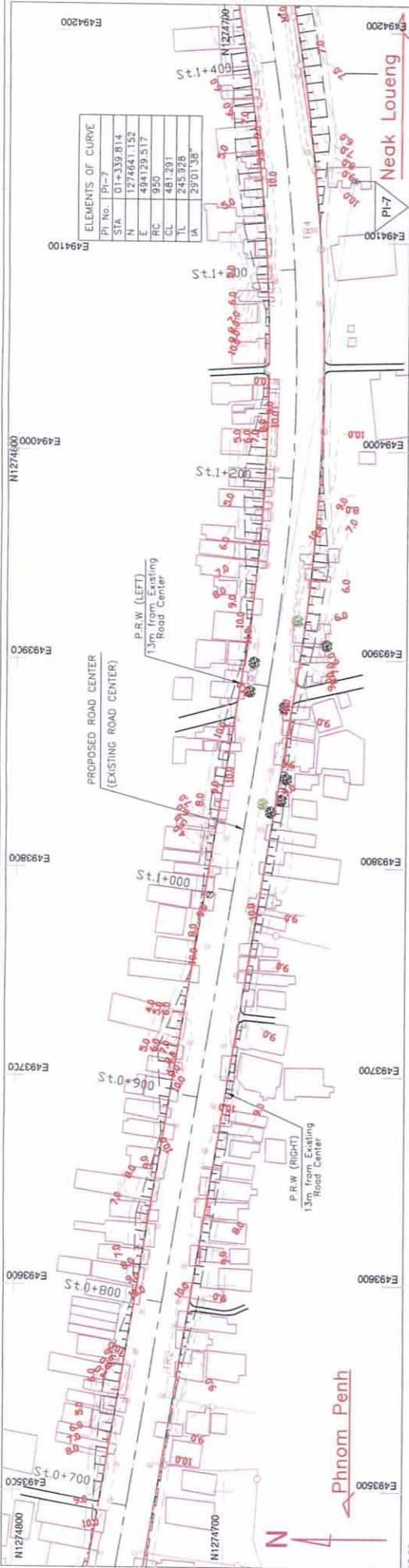


TYPE 1	TYPE 2	TYPE 2
VERTICAL ALIGNMENT	VERTICAL ALIGNMENT	VERTICAL ALIGNMENT
PAVEMENT HEIGHT	PAVEMENT HEIGHT	PAVEMENT HEIGHT
GROUND HEIGHT	GROUND HEIGHT	GROUND HEIGHT
STATION	STATION	STATION
HORIZONTAL CURVATURE	HORIZONTAL CURVATURE	HORIZONTAL CURVATURE
SUPER-ELEVATION	SUPER-ELEVATION	SUPER-ELEVATION
CROSS SECTION TYPE	CROSS SECTION TYPE	CROSS SECTION TYPE
TYPE 1	TYPE 2	TYPE 2



CROSS SECTION TYPE	TYPE 2
SUPER-ELEVATION	NC
HORIZONTAL CURVATURE	BC Rc=950 Lc=481.291
STATION	0+700 10.71 11.350 +720 10.60 11.350 +740 10.58 11.350 +760 10.58 11.350 +780 10.58 11.350 +800 10.63 11.350 +820 10.62 11.350 +840 10.68 11.350 +860 10.70 11.350 +880 10.70 11.350 +900 10.73 11.350 +920 10.72 11.350 +940 10.69 11.350 +960 10.53 11.350 +980 10.42 11.350 +1000 10.37 11.350 +1020 10.37 11.350 +1040 10.36 11.350 +1060 10.53 11.350 +1080 10.78 11.350 +1100 10.91 11.350 +1120 10.91 11.350 +1140 10.84 11.350 +1160 10.73 11.350 +1180 10.69 11.350 +1200 10.66 11.350 +1220 10.66 11.350 +1240 10.75 11.350 +1260 10.78 11.350 +1280 10.69 11.350 +1300 10.65 11.350 +1320 10.50 11.350 +1340 10.39 11.350 +1360 10.40 11.350 +1380 10.42 11.350 +1400 10.54 11.350
GROUND HEIGHT	
PAVEMENT HEIGHT	
VERTICAL ALIGNMENT	LC=1500.00 LC=1500.00

MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)

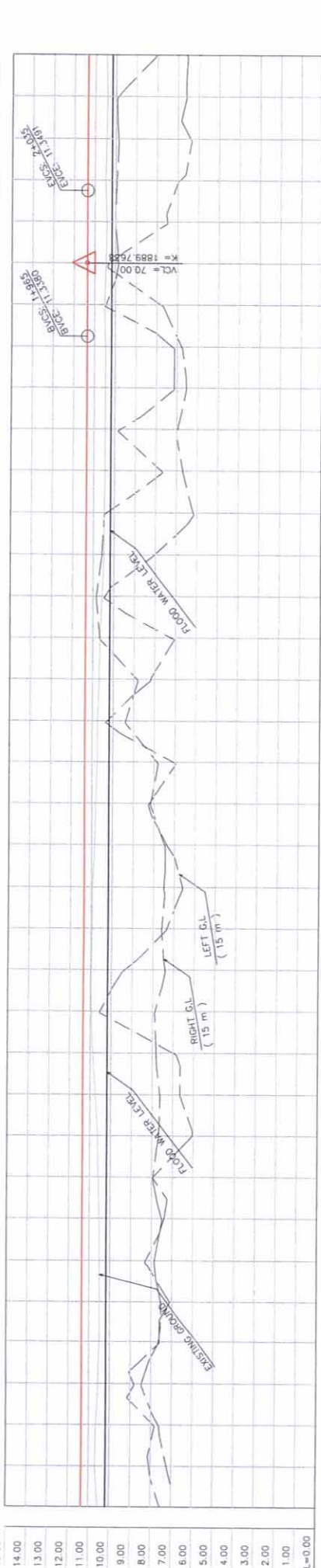
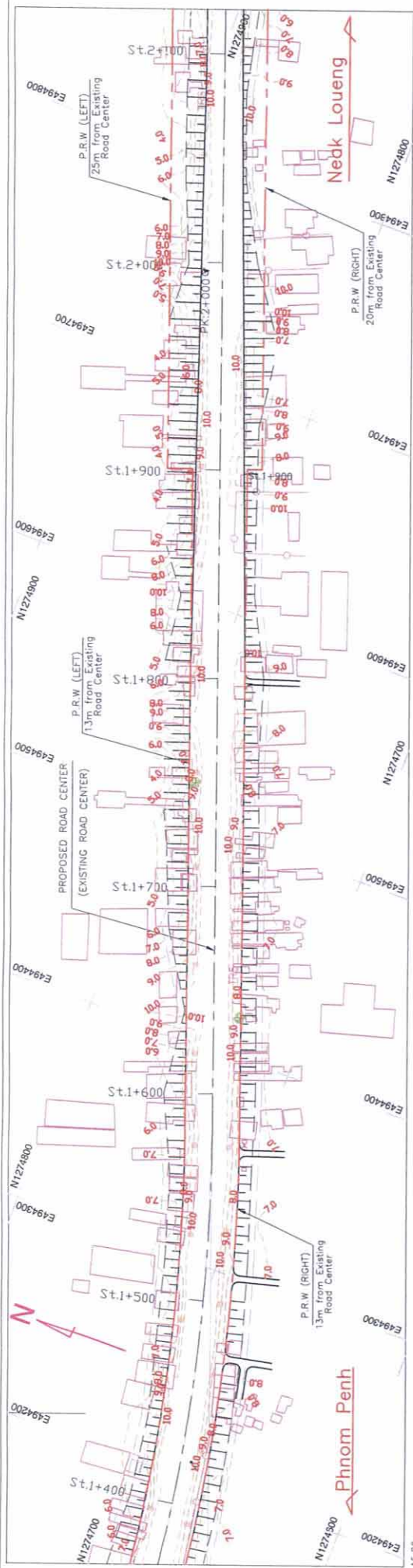
THE PROJECT FOR THE IMPROVEMENT OF NATIONAL ROAD NO.1 (PHNOM PENH-NEAK LOUENG SECTION) IN THE KINGDOM OF CAMBODIA

JAPAN INTERNATIONAL COOPERATION AGENCY
KATAHIRA & ENGINEERS INTERNATIONAL
CTI ENGINEERING INTERNATIONAL CO.,LTD

TITLE: PLAN AND PROFILE (STA.0+700-ST.1+400)

SCALE: H=1/2000 V=1/200

Drawing No. _____
Sheet No. PL-2



CROSS SECTION TYPE	TYPE 1	TYPE 2	TYPE 3
SUPER-ELEVATION	NC	NC	NC
HORIZONTAL CURVATURE	Rc=950 Lc=481.281	Rc=∞ L=529.890	
STATION	1+400	1+420	2+100
GROUND HEIGHT	10.54	10.69	11.347
PAVEMENT HEIGHT	11.350	11.350	11.348
VERTICAL ALIGNMENT	11.350	11.350	11.348

MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)

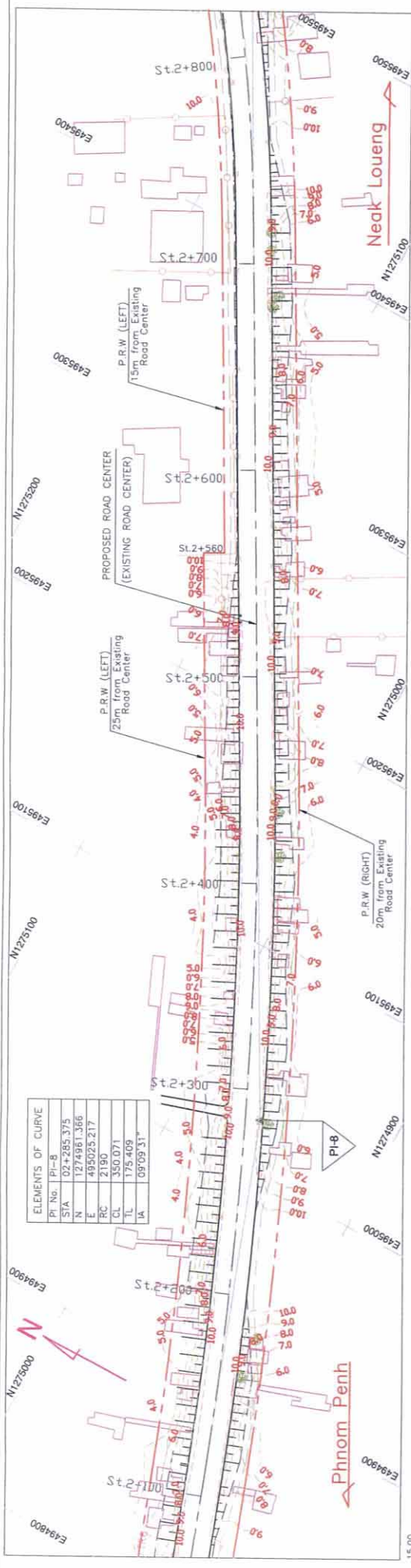
THE PROJECT FOR THE IMPROVEMENT OF NATIONAL ROAD NO.1 (PHNOM PENH-NEAK LOUENG SECTION) IN THE KINGDOM OF CAMBODIA

JAPAN INTERNATIONAL COOPERATION AGENCY
KATAHIRA & ENGINEERS INTERNATIONAL
CTI ENGINEERING INTERNATIONAL CO.,LTD

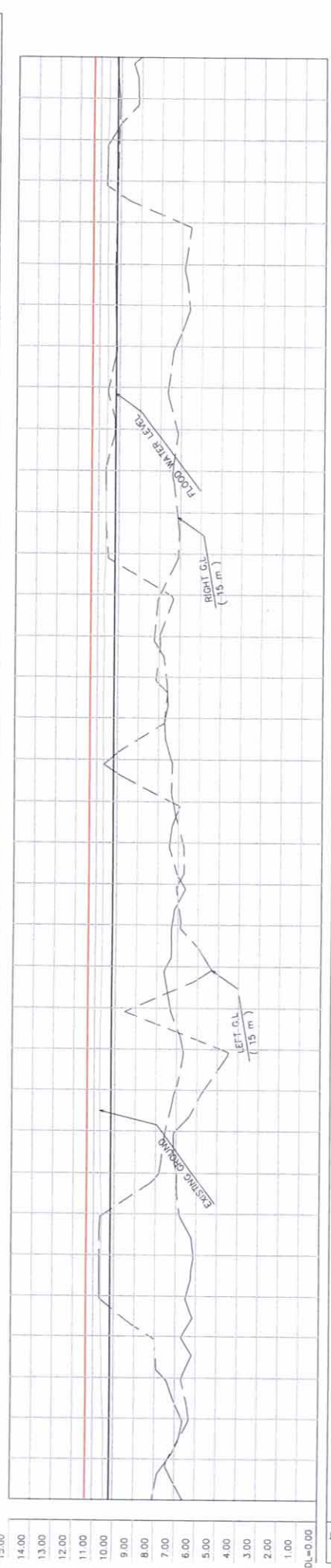
TITLE : PLAN AND PROFILE (STA. 1+400 - STA. 2+100)

SCALE
 H=1/2000
 V=1/200

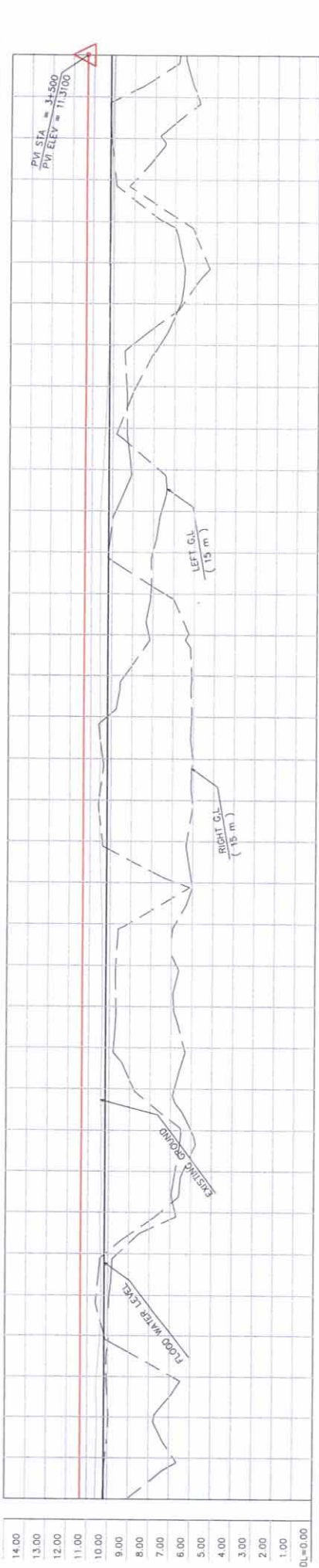
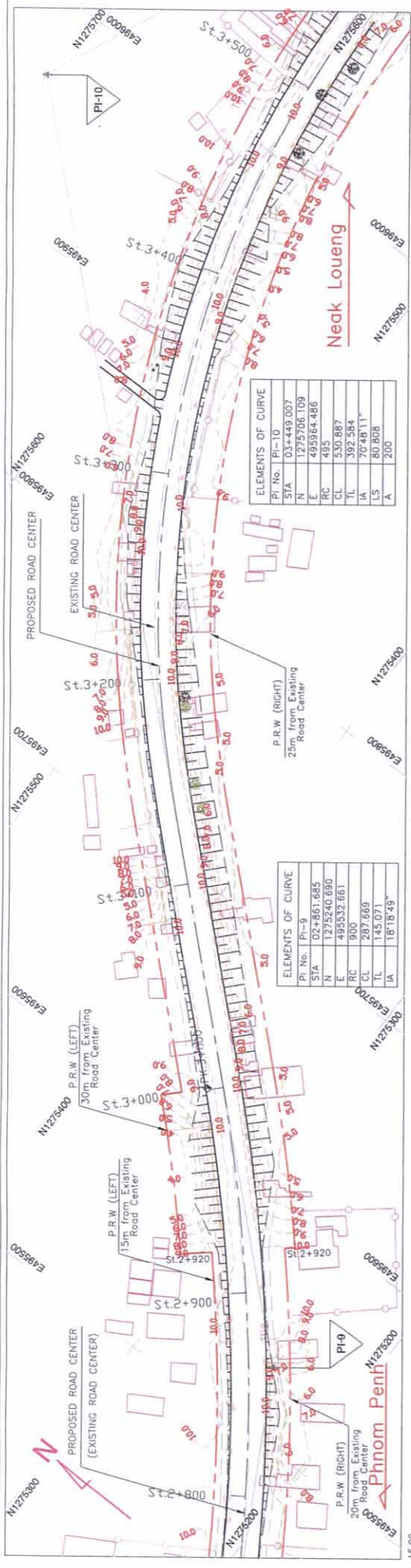
Drawing No.
Sheet No.
 PL-3



ELEMENTS OF CURVE	
PI No.	PI-B
STA	02+285.375
N	1274961.366
E	495025.217
RC	2190
CL	350.071
TL	175.409
LA	99°09'31"



CROSS SECTION TYPE	TYPE 3	TYPE 3
STATION	2+100	2+800
GROUND HEIGHT	10.45	10.57
PAVEMENT HEIGHT	11.347	11.346
VERTICAL ALIGNMENT	11.347	11.346
CLIMATE	BC	EC
HORIZONTAL ALIGNMENT	Rc=2190 L=350.071	Rc=900 L=287.668
SURF ELEVATION	NG	NG
TITLE	PLAN AND PROFILE (STA.2+100—STA.2+800)	
AGENCY	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO.,LTD	
PROJECT	THE PROJECT FOR THE IMPROVEMENT OF NATIONAL ROAD NO.1 (PHNOM PENH-NEAK LOUENG SECTION) IN THE KINGDOM OF CAMBODIA	
CLIENT	MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)	
SCALE	H=1/2000 V=1/200	
DRAWING NO.	PL-4	



VERTICAL ALIGNMENT	STATION	GROUND ELEVATION	PAVEMENT ELEVATION
FC	2+800	11.329	11.329
FC	2+820	11.328	11.328
FC	2+840	10.52	11.328
FC	2+860	11.327	11.327
FC	2+880	10.38	11.327
FC	2+900	11.326	11.326
FC	2+920	11.325	11.325
FC	2+940	10.38	11.325
FC	2+960	10.35	11.324
FC	2+980	10.36	11.324
FC	3+000	10.39	11.323
FC	3+020	10.36	11.323
FC	3+040	10.35	11.322
FC	3+060	10.36	11.322
FC	3+080	10.38	11.321
FC	3+100	10.44	11.321
FC	3+120	10.52	11.320
FC	3+140	10.56	11.320
FC	3+160	10.52	11.319
FC	3+180	10.51	11.319
FC	3+200	10.53	11.318
FC	3+220	10.56	11.317
FC	3+240	10.56	11.317
FC	3+260	10.55	11.316
FC	3+280	10.57	11.316
FC	3+300	10.45	11.315
FC	3+320	10.35	11.315
FC	3+340	10.28	11.314
FC	3+360	10.22	11.314
FC	3+380	10.20	11.313
FC	3+400	10.17	11.313
FC	3+420	10.10	11.312
FC	3+440	10.06	11.312
FC	3+460	10.08	11.311
FC	3+480	10.04	11.311
FC	3+500	9.98	11.310
SC	3+520	11.315	11.315
SC	3+540	11.314	11.314
SC	3+560	11.314	11.314
SC	3+580	11.313	11.313
SC	3+600	11.313	11.313
SC	3+620	11.312	11.312
SC	3+640	11.311	11.311
SC	3+660	11.311	11.311
SC	3+680	11.310	11.310
SC	3+700	11.310	11.310

HORIZONTAL CURVATURE	STATION	GROUND ELEVATION	PAVEMENT ELEVATION
FC	2+800	11.329	11.329
FC	2+820	11.328	11.328
FC	2+840	10.52	11.328
FC	2+860	11.327	11.327
FC	2+880	10.38	11.327
FC	2+900	11.326	11.326
FC	2+920	11.325	11.325
FC	2+940	10.38	11.325
FC	2+960	10.35	11.324
FC	2+980	10.36	11.324
FC	3+000	10.39	11.323
FC	3+020	10.36	11.323
FC	3+040	10.35	11.322
FC	3+060	10.36	11.322
FC	3+080	10.38	11.321
FC	3+100	10.44	11.321
FC	3+120	10.52	11.320
FC	3+140	10.56	11.320
FC	3+160	10.52	11.319
FC	3+180	10.51	11.319
FC	3+200	10.53	11.318
FC	3+220	10.56	11.317
FC	3+240	10.56	11.317
FC	3+260	10.55	11.316
FC	3+280	10.57	11.316
FC	3+300	10.45	11.315
FC	3+320	10.35	11.315
FC	3+340	10.28	11.314
FC	3+360	10.22	11.314
FC	3+380	10.20	11.313
FC	3+400	10.17	11.313
FC	3+420	10.10	11.312
FC	3+440	10.06	11.312
FC	3+460	10.08	11.311
FC	3+480	10.04	11.311
FC	3+500	9.98	11.310
SC	3+520	11.315	11.315
SC	3+540	11.314	11.314
SC	3+560	11.314	11.314
SC	3+580	11.313	11.313
SC	3+600	11.313	11.313
SC	3+620	11.312	11.312
SC	3+640	11.311	11.311
SC	3+660	11.311	11.311
SC	3+680	11.310	11.310
SC	3+700	11.310	11.310

CROSS SECTION TYPE	TYPE 3
SURFACE ELEVATION	NG
CURB ELEVATION	NG
PAVEMENT ELEVATION	NG
ROADWAY ELEVATION	NG
VERTICAL CURVATURE	Rc=900 Lc=287.668
HORIZONTAL CURVATURE	Rc=∞ Lc=97.236
VERTICAL ALIGNMENT	A=200 Ls=80.808
HORIZONTAL CURVATURE	Rc=495 Lc=530.887
VERTICAL CURVATURE	e=4%

MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)

THE PROJECT FOR THE IMPROVEMENT OF NATIONAL ROAD NO.1 (PHNOM PENH-NEAK LOUENG SECTION) IN THE KINGDOM OF CAMBODIA

JAPAN INTERNATIONAL COOPERATION AGENCY
KATAHIRA & ENGINEERS INTERNATIONAL
CTI ENGINEERING INTERNATIONAL CO.,LTD

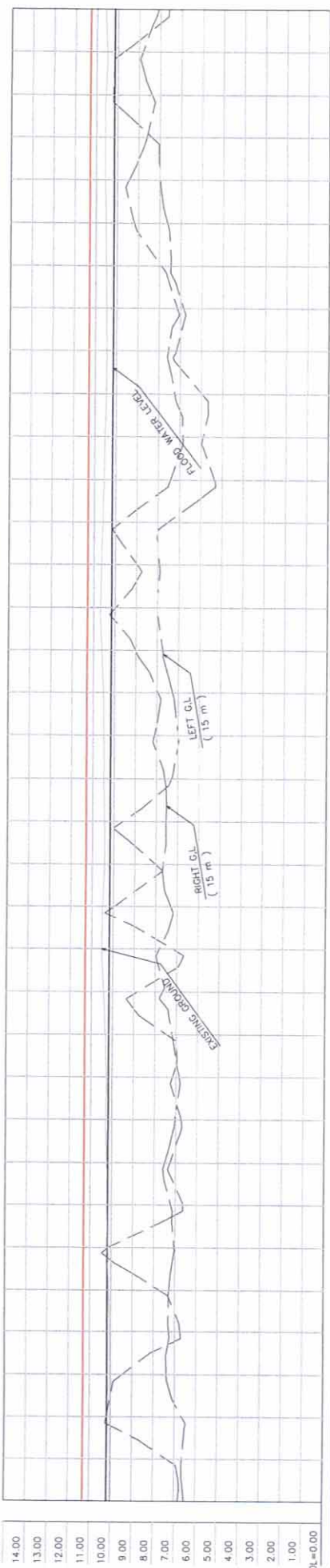
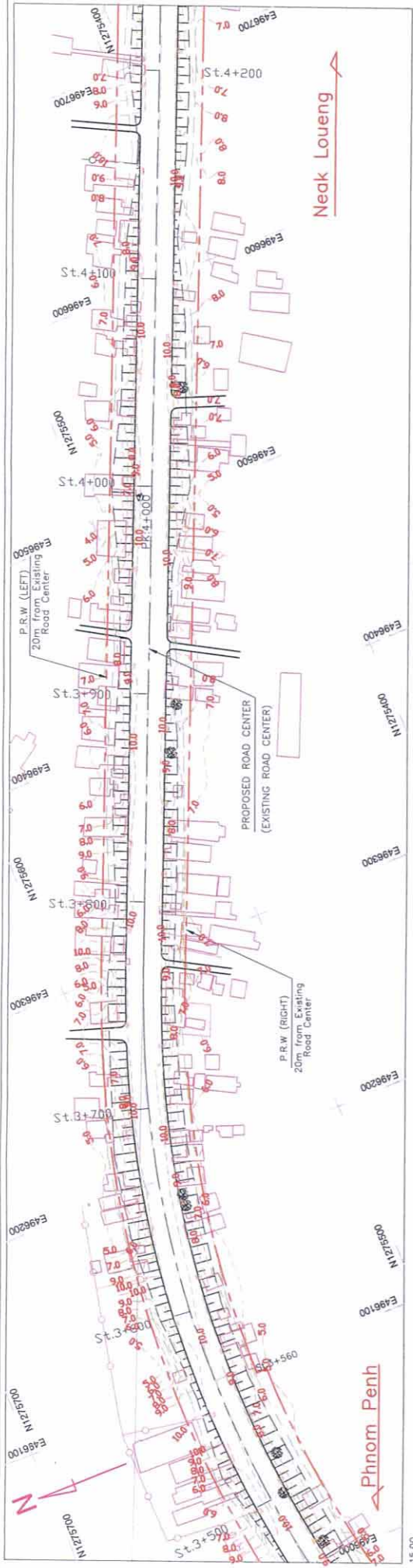
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SCALE H=1/2000 V=1/200

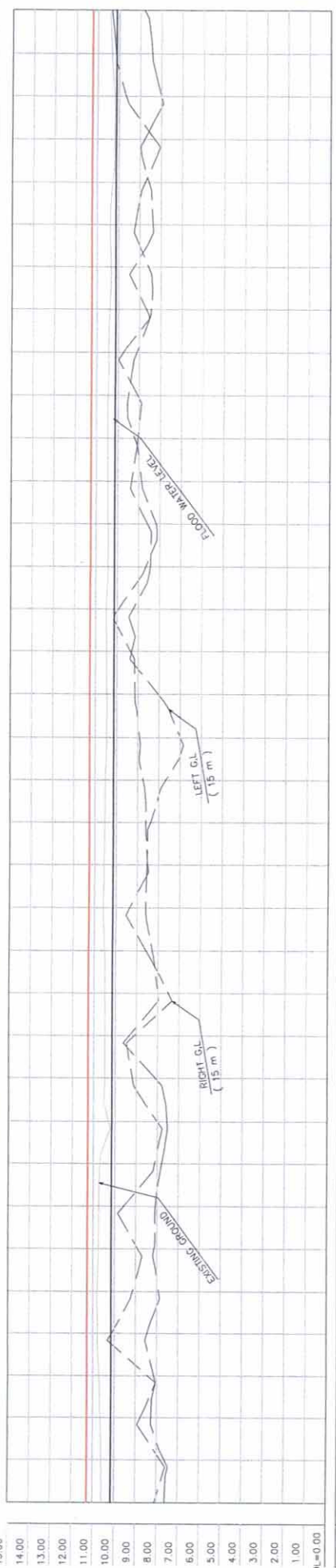
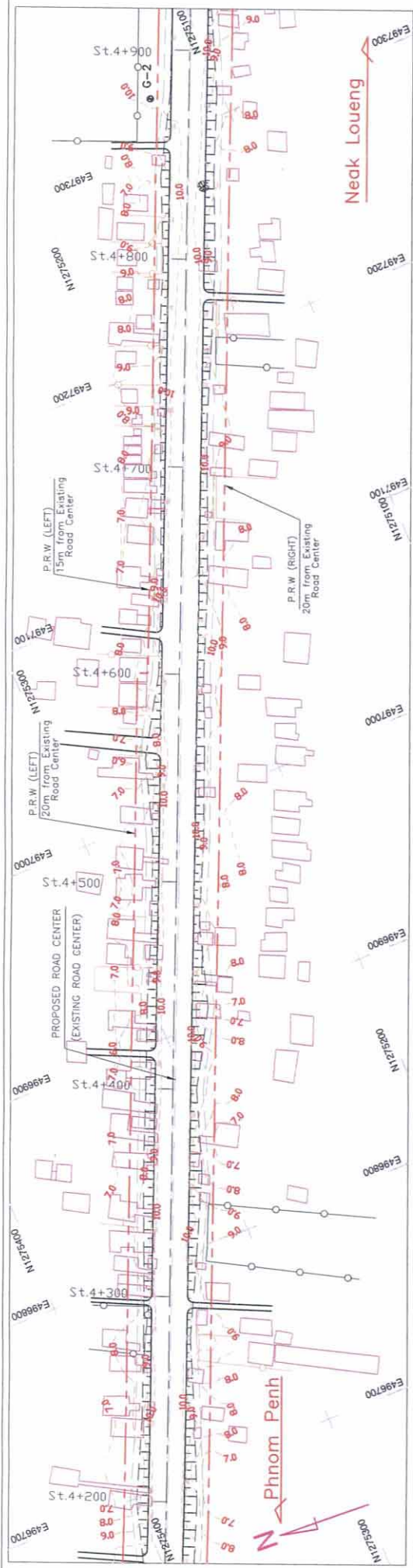
Drawing No. PL-5

Sheet No. PL-5

TYPE 3



VERTICAL ALIGNMENT	STATION	GROUND HEIGHT	PAVEMENT HEIGHT	CROSS SECTION TYPE
TYPE 3 TYPE 3 TYPE 3 TYPE 3 TYPE 3 TYPE 3 TYPE 3 TYPE 3 TYPE 3 TYPE 3 TYPE 3 TYPE 3 TYPE 3 TYPE 3 TYPE 3	9.98	11.310	3+500	TYPE 3 TYPE 3 TYPE 3 TYPE 3 TYPE 3 TYPE 3 TYPE 3 TYPE 3 TYPE 3 TYPE 3 TYPE 3 TYPE 3 TYPE 3 TYPE 3
	9.98	11.309	3+520	
	9.98	11.308	3+540	
	10.02	11.307	3+560	
	10.05	11.306	3+580	
	10.11	11.305	3+600	
	10.19	11.304	3+620	
	10.24	11.303	3+640	
	10.29	11.302	3+660	
	10.33	11.301	3+680	
	10.42	11.299	3+740	
	10.50	11.297	3+780	
	10.52	11.298	3+760	
	10.50	11.297	3+780	
	10.51	11.292	3+880	
10.48	11.293	3+860		
10.47	11.294	3+840		
10.43	11.295	3+820		
10.43	11.296	3+800		
10.45	11.285	3+940		
10.65	11.289	3+940		
10.59	11.289	3+960		
10.54	11.288	3+980		
10.52	11.287	4+000		
10.46	11.286	4+020		
10.45	11.285	4+040		
10.47	11.284	4+060		
10.50	11.283	4+080		
10.53	11.282	4+100		
10.57	11.281	4+120		
10.58	11.280	4+140		
10.56	11.279	4+160		
10.50	11.278	4+180		
10.57	11.277	4+200		



STATION	PROPOSED ELEVATION	EXISTING GROUND ELEVATION
St.4+200	11.277	10.57
St.4+220	11.276	10.59
St.4+240	11.275	10.64
St.4+260	11.275	10.70
St.4+280	11.274	10.78
St.4+300	11.273	10.79
St.4+320	11.272	10.74
St.4+340	11.271	10.73
St.4+360	11.270	10.69
St.4+380	11.269	10.29
St.4+400	11.268	10.48
St.4+420	11.267	10.48
St.4+440	11.266	10.48
St.4+460	11.265	10.50
St.4+480	11.264	10.57
St.4+500	11.263	10.56
St.4+520	11.262	10.54
St.4+540	11.261	10.52
St.4+560	11.261	10.46
St.4+580	11.260	10.45
St.4+600	11.259	10.47
St.4+620	11.258	10.49
St.4+640	11.257	10.43
St.4+660	11.256	10.43
St.4+680	11.255	10.46
St.4+700	11.254	10.48
St.4+720	11.253	10.46
St.4+740	11.252	10.44
St.4+760	11.251	10.39
St.4+780	11.250	10.34
St.4+800	11.249	10.37
St.4+820	11.248	10.26
St.4+840	11.247	10.20
St.4+860	11.247	10.20
St.4+880	11.246	10.33
St.4+900	11.245	10.42

MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)

THE PROJECT FOR THE IMPROVEMENT OF NATIONAL ROAD NO.1 (PHNOM PENH-NEAK LOUENG SECTION) IN THE KINGDOM OF CAMBODIA

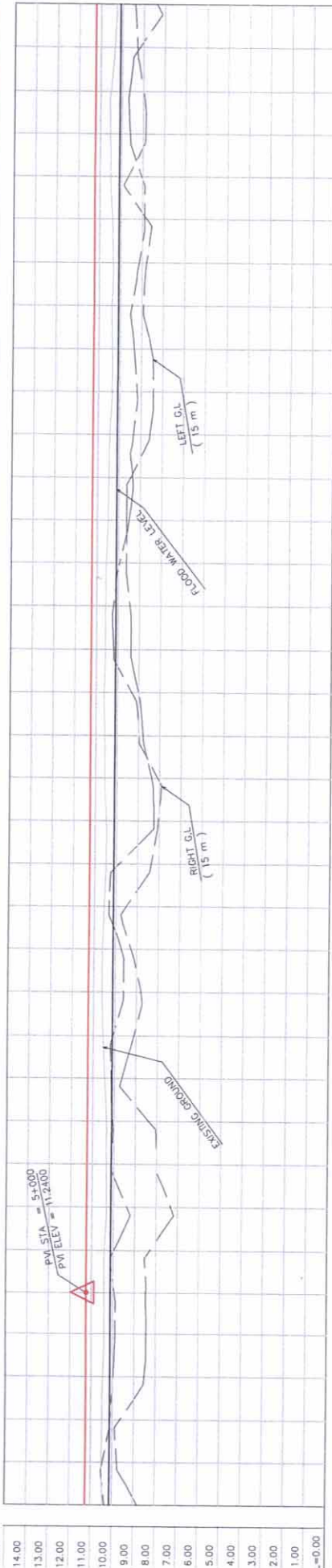
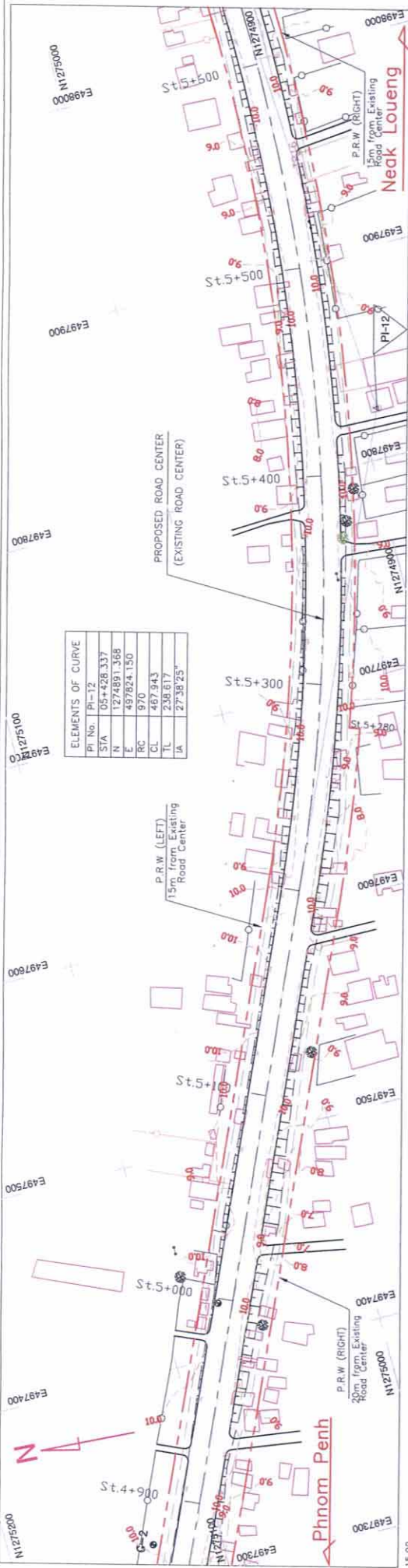
JAPAN INTERNATIONAL COOPERATION AGENCY
KATAHIRA & ENGINEERS INTERNATIONAL
CTI ENGINEERING INTERNATIONAL CO., LTD

TITLE : PLAN AND PROFILE (STA. 4+200 - STA. 4+900)

SCALE
H = 1/2000
V = 1/200

Drawing No. _____
Sheet No. PL-7

TYPE 3



CROSS SECTION TYPE	TYPE 3	TYPE 3	TYPE 4	TYPE 4
SUPER-ELEVATION	NC	3.00	5+171	3.00
GROUND ELEVATION	11.245	11.244	11.243	11.242
PAVEMENT HEIGHT	11.245	11.244	11.243	11.242
VERTICAL ALIGNMENT	11.245	11.240	11.240	11.240
STATION	4+900	4+920	4+940	4+960
GROUND HEIGHT	11.245	11.244	11.243	11.242
PAVEMENT HEIGHT	11.245	11.244	11.243	11.242
VERTICAL ALIGNMENT	11.245	11.240	11.240	11.240
STATION	5+000	5+020	5+040	5+060
GROUND HEIGHT	11.238	11.238	11.239	11.239
PAVEMENT HEIGHT	11.238	11.238	11.239	11.239
VERTICAL ALIGNMENT	11.238	11.237	11.237	11.237
STATION	5+100	5+120	5+140	5+160
GROUND HEIGHT	11.235	11.235	11.235	11.235
PAVEMENT HEIGHT	11.235	11.235	11.235	11.235
VERTICAL ALIGNMENT	11.235	11.234	11.234	11.234
STATION	5+200	5+220	5+240	5+260
GROUND HEIGHT	11.231	11.231	11.231	11.231
PAVEMENT HEIGHT	11.231	11.231	11.231	11.231
VERTICAL ALIGNMENT	11.231	11.231	11.231	11.231
STATION	5+300	5+320	5+340	5+360
GROUND HEIGHT	11.228	11.228	11.228	11.228
PAVEMENT HEIGHT	11.228	11.228	11.228	11.228
VERTICAL ALIGNMENT	11.228	11.227	11.227	11.227
STATION	5+400	5+420	5+440	5+460
GROUND HEIGHT	11.226	11.226	11.226	11.226
PAVEMENT HEIGHT	11.226	11.226	11.226	11.226
VERTICAL ALIGNMENT	11.226	11.226	11.226	11.226

MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)

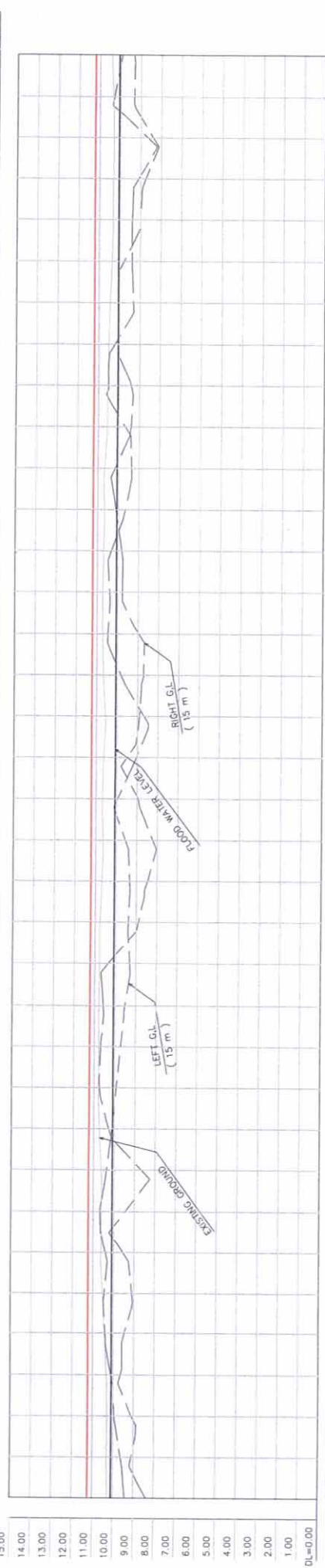
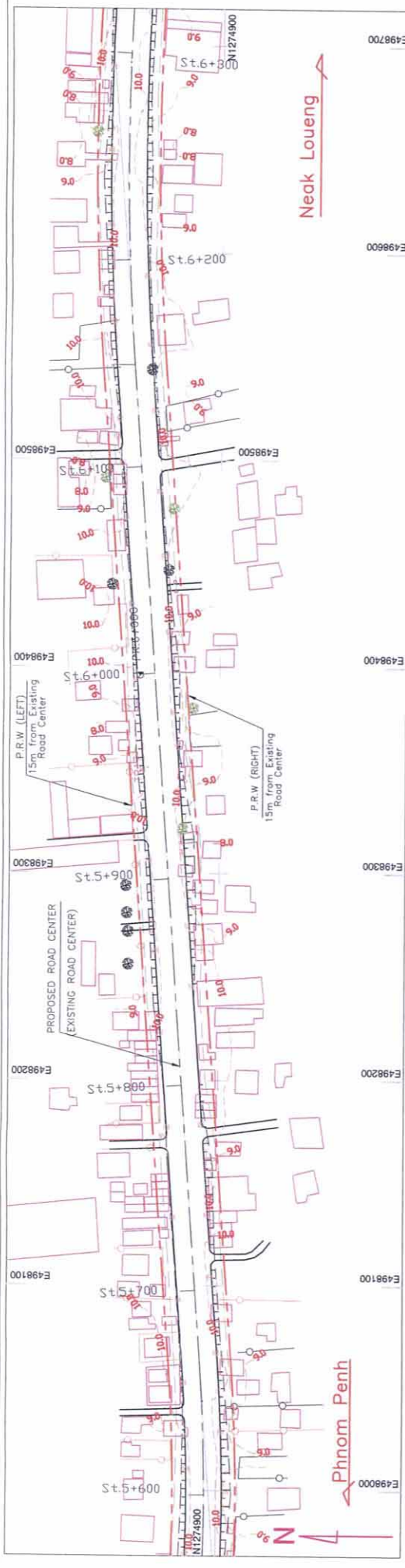
THE PROJECT FOR THE IMPROVEMENT OF NATIONAL ROAD NO.1 (PHNOM PENH-NEAK LOUENG SECTION) IN THE KINGDOM OF CAMBODIA

JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO.,LTD (STA.4+900--STA.5+600)

TITLE : PLAN AND PROFILE

SCALE H=1/2000 V=1/200

Drawing No. Sheet No. PL-8



CROSS SECTION TYPE	TYPE 4	TYPE 4
SUPER-ELEVATION	3.00 3.00 e=3%	3.00 3.00 e=3%
HORIZONTAL CURVATURE	EC Rc=970 Lc=467.943	BC Rc=1400 Lc=366.269
GROUND HEIGHT	5+660 11.225 5+640 11.226 5+620 11.226 5+600 11.226	6+124 11.214 6+140 11.214 6+160 11.214 6+180 11.213 6+200 11.213 6+220 11.212 6+240 11.212 6+260 11.212 6+280 11.211 6+300 11.211
STATION	5+700 11.224 5+720 11.224 5+740 11.223 5+760 11.223 5+780 11.222 5+800 11.222 5+820 11.221 5+840 11.221 5+860 11.221 5+880 11.220 5+900 11.220 5+920 11.219 5+940 11.219 5+960 11.218 5+980 11.218 6+000 11.217 6+020 11.217 6+040 11.217 6+060 11.216 6+080 11.216 6+100 11.215 6+120 11.215 6+140 11.214 6+160 11.214 6+180 11.213 6+200 11.213 6+220 11.212 6+240 11.212 6+260 11.212 6+280 11.211 6+300 11.211	

MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)

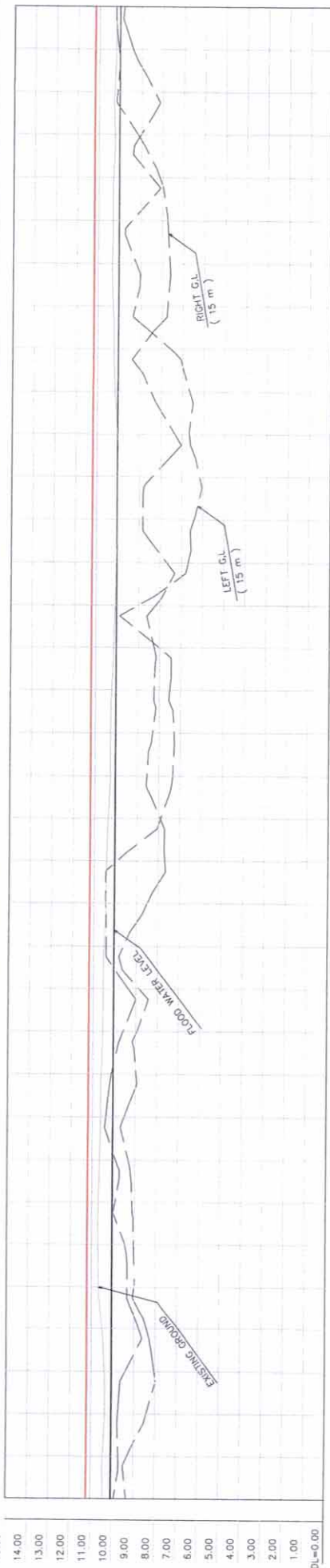
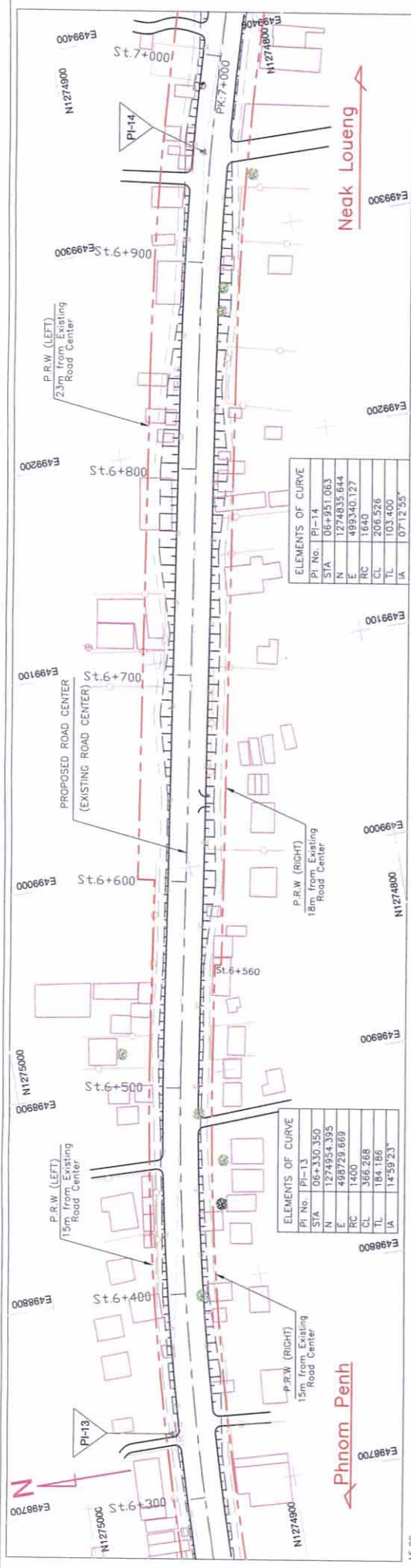
THE PROJECT FOR THE IMPROVEMENT OF NATIONAL ROAD NO.1 (PHNOM PENH-NEAK LOUENG SECTION) IN THE KINGDOM OF CAMBODIA

JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO.,LTD

TITLE : PLAN AND PROFILE (STA.5+600 – STA.6+300)

SCALE H=1/2000 V=1/200

Drawing No. Sheet No. PL-9



CROSS SECTION TYPE	TYPE 4	TYPE 4
SURFACE ELEVATION	3.00	3.00
GROUND ELEVATION	3.00	3.00
STATION	6+490	6+830
GROUND HEIGHT	3.00	3.00
PAVEMENT HEIGHT	3.00	3.00
VERTICAL ALIGNMENT	EC	RC
HORIZONTAL CURVATURE	RC=1400 LC=366.268	RC=1640 LC=206.526
STATION	6+400	6+820
GROUND HEIGHT	10.86	10.17
PAVEMENT HEIGHT	10.70	10.04
VERTICAL ALIGNMENT	EC	RC
HORIZONTAL CURVATURE	RC=1400 LC=366.268	RC=1640 LC=206.526
STATION	6+420	6+800
GROUND HEIGHT	10.70	10.04
PAVEMENT HEIGHT	10.70	10.04
VERTICAL ALIGNMENT	EC	RC
HORIZONTAL CURVATURE	RC=1400 LC=366.268	RC=1640 LC=206.526
STATION	6+440	6+780
GROUND HEIGHT	10.66	10.01
PAVEMENT HEIGHT	10.62	10.01
VERTICAL ALIGNMENT	EC	RC
HORIZONTAL CURVATURE	RC=1400 LC=366.268	RC=1640 LC=206.526
STATION	6+460	6+760
GROUND HEIGHT	10.66	10.02
PAVEMENT HEIGHT	10.62	10.02
VERTICAL ALIGNMENT	EC	RC
HORIZONTAL CURVATURE	RC=1400 LC=366.268	RC=1640 LC=206.526
STATION	6+480	6+740
GROUND HEIGHT	10.62	10.06
PAVEMENT HEIGHT	10.62	10.06
VERTICAL ALIGNMENT	EC	RC
HORIZONTAL CURVATURE	RC=1400 LC=366.268	RC=1640 LC=206.526
STATION	6+500	6+700
GROUND HEIGHT	10.61	10.16
PAVEMENT HEIGHT	10.55	10.16
VERTICAL ALIGNMENT	EC	RC
HORIZONTAL CURVATURE	RC=1400 LC=366.268	RC=1640 LC=206.526
STATION	6+520	6+680
GROUND HEIGHT	10.55	10.24
PAVEMENT HEIGHT	10.55	10.24
VERTICAL ALIGNMENT	EC	RC
HORIZONTAL CURVATURE	RC=1400 LC=366.268	RC=1640 LC=206.526
STATION	6+540	6+640
GROUND HEIGHT	10.53	10.28
PAVEMENT HEIGHT	10.53	10.28
VERTICAL ALIGNMENT	EC	RC
HORIZONTAL CURVATURE	RC=1400 LC=366.268	RC=1640 LC=206.526
STATION	6+560	6+600
GROUND HEIGHT	10.51	10.44
PAVEMENT HEIGHT	10.51	10.44
VERTICAL ALIGNMENT	EC	RC
HORIZONTAL CURVATURE	RC=1400 LC=366.268	RC=1640 LC=206.526
STATION	6+580	6+580
GROUND HEIGHT	10.50	10.44
PAVEMENT HEIGHT	10.50	10.44
VERTICAL ALIGNMENT	EC	RC
HORIZONTAL CURVATURE	RC=1400 LC=366.268	RC=1640 LC=206.526
STATION	6+600	6+540
GROUND HEIGHT	10.42	10.42
PAVEMENT HEIGHT	10.42	10.42
VERTICAL ALIGNMENT	EC	RC
HORIZONTAL CURVATURE	RC=1400 LC=366.268	RC=1640 LC=206.526
STATION	6+620	6+520
GROUND HEIGHT	10.36	10.26
PAVEMENT HEIGHT	10.36	10.26
VERTICAL ALIGNMENT	EC	RC
HORIZONTAL CURVATURE	RC=1400 LC=366.268	RC=1640 LC=206.526
STATION	6+640	6+480
GROUND HEIGHT	10.28	10.27
PAVEMENT HEIGHT	10.28	10.27
VERTICAL ALIGNMENT	EC	RC
HORIZONTAL CURVATURE	RC=1400 LC=366.268	RC=1640 LC=206.526
STATION	6+660	6+460
GROUND HEIGHT	10.28	10.28
PAVEMENT HEIGHT	10.28	10.28
VERTICAL ALIGNMENT	EC	RC
HORIZONTAL CURVATURE	RC=1400 LC=366.268	RC=1640 LC=206.526
STATION	6+680	6+440
GROUND HEIGHT	10.24	10.28
PAVEMENT HEIGHT	10.24	10.28
VERTICAL ALIGNMENT	EC	RC
HORIZONTAL CURVATURE	RC=1400 LC=366.268	RC=1640 LC=206.526
STATION	6+700	6+420
GROUND HEIGHT	10.16	10.28
PAVEMENT HEIGHT	10.16	10.28
VERTICAL ALIGNMENT	EC	RC
HORIZONTAL CURVATURE	RC=1400 LC=366.268	RC=1640 LC=206.526
STATION	6+720	6+400
GROUND HEIGHT	10.11	10.29
PAVEMENT HEIGHT	10.11	10.29
VERTICAL ALIGNMENT	EC	RC
HORIZONTAL CURVATURE	RC=1400 LC=366.268	RC=1640 LC=206.526
STATION	6+740	6+380
GROUND HEIGHT	10.06	10.38
PAVEMENT HEIGHT	10.06	10.38
VERTICAL ALIGNMENT	EC	RC
HORIZONTAL CURVATURE	RC=1400 LC=366.268	RC=1640 LC=206.526
STATION	6+760	6+360
GROUND HEIGHT	10.02	10.36
PAVEMENT HEIGHT	10.02	10.36
VERTICAL ALIGNMENT	EC	RC
HORIZONTAL CURVATURE	RC=1400 LC=366.268	RC=1640 LC=206.526
STATION	6+780	6+340
GROUND HEIGHT	10.01	10.36
PAVEMENT HEIGHT	10.01	10.36
VERTICAL ALIGNMENT	EC	RC
HORIZONTAL CURVATURE	RC=1400 LC=366.268	RC=1640 LC=206.526
STATION	6+800	6+320
GROUND HEIGHT	10.04	10.44
PAVEMENT HEIGHT	10.04	10.44
VERTICAL ALIGNMENT	EC	RC
HORIZONTAL CURVATURE	RC=1400 LC=366.268	RC=1640 LC=206.526
STATION	6+820	6+300
GROUND HEIGHT	10.17	10.42
PAVEMENT HEIGHT	10.17	10.42
VERTICAL ALIGNMENT	EC	RC
HORIZONTAL CURVATURE	RC=1400 LC=366.268	RC=1640 LC=206.526
STATION	6+840	6+280
GROUND HEIGHT	10.25	10.42
PAVEMENT HEIGHT	10.25	10.42
VERTICAL ALIGNMENT	EC	RC
HORIZONTAL CURVATURE	RC=1400 LC=366.268	RC=1640 LC=206.526
STATION	6+860	6+260
GROUND HEIGHT	10.29	10.42
PAVEMENT HEIGHT	10.29	10.42
VERTICAL ALIGNMENT	EC	RC
HORIZONTAL CURVATURE	RC=1400 LC=366.268	RC=1640 LC=206.526
STATION	6+880	6+240
GROUND HEIGHT	10.34	10.42
PAVEMENT HEIGHT	10.34	10.42
VERTICAL ALIGNMENT	EC	RC
HORIZONTAL CURVATURE	RC=1400 LC=366.268	RC=1640 LC=206.526
STATION	6+900	6+220
GROUND HEIGHT	10.31	10.28
PAVEMENT HEIGHT	10.31	10.28
VERTICAL ALIGNMENT	EC	RC
HORIZONTAL CURVATURE	RC=1400 LC=366.268	RC=1640 LC=206.526
STATION	6+920	6+200
GROUND HEIGHT	10.30	10.19
PAVEMENT HEIGHT	10.30	10.19
VERTICAL ALIGNMENT	EC	RC
HORIZONTAL CURVATURE	RC=1400 LC=366.268	RC=1640 LC=206.526
STATION	6+940	6+180
GROUND HEIGHT	11.96	10.19
PAVEMENT HEIGHT	11.96	10.19
VERTICAL ALIGNMENT	EC	RC
HORIZONTAL CURVATURE	RC=1400 LC=366.268	RC=1640 LC=206.526
STATION	6+960	6+160
GROUND HEIGHT	11.96	10.21
PAVEMENT HEIGHT	11.96	10.21
VERTICAL ALIGNMENT	EC	RC
HORIZONTAL CURVATURE	RC=1400 LC=366.268	RC=1640 LC=206.526
STATION	6+980	6+140
GROUND HEIGHT	10.21	10.21
PAVEMENT HEIGHT	10.21	10.21
VERTICAL ALIGNMENT	EC	RC
HORIZONTAL CURVATURE	RC=1400 LC=366.268	RC=1640 LC=206.526
STATION	7+000	6+120
GROUND HEIGHT	11.95	10.20
PAVEMENT HEIGHT	11.95	10.20
VERTICAL ALIGNMENT	EC	RC
HORIZONTAL CURVATURE	RC=1400 LC=366.268	RC=1640 LC=206.526

MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)

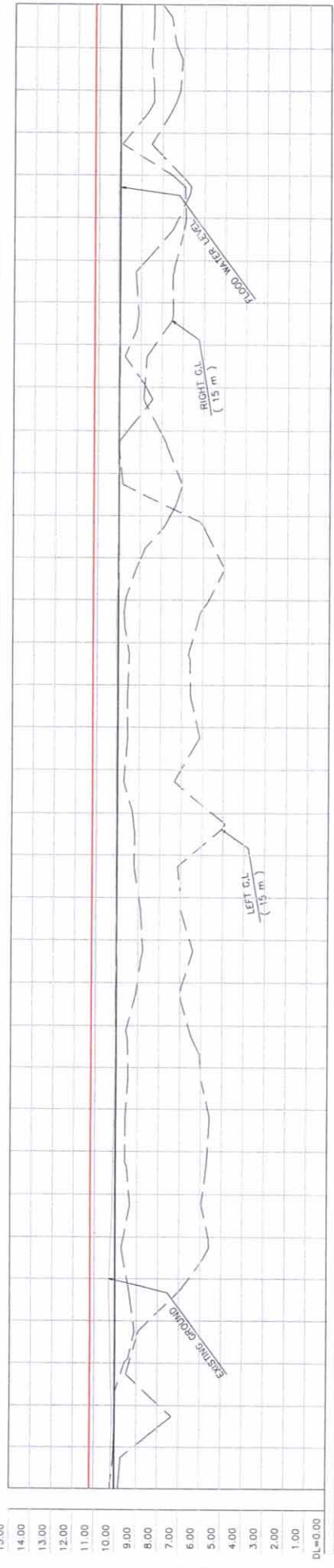
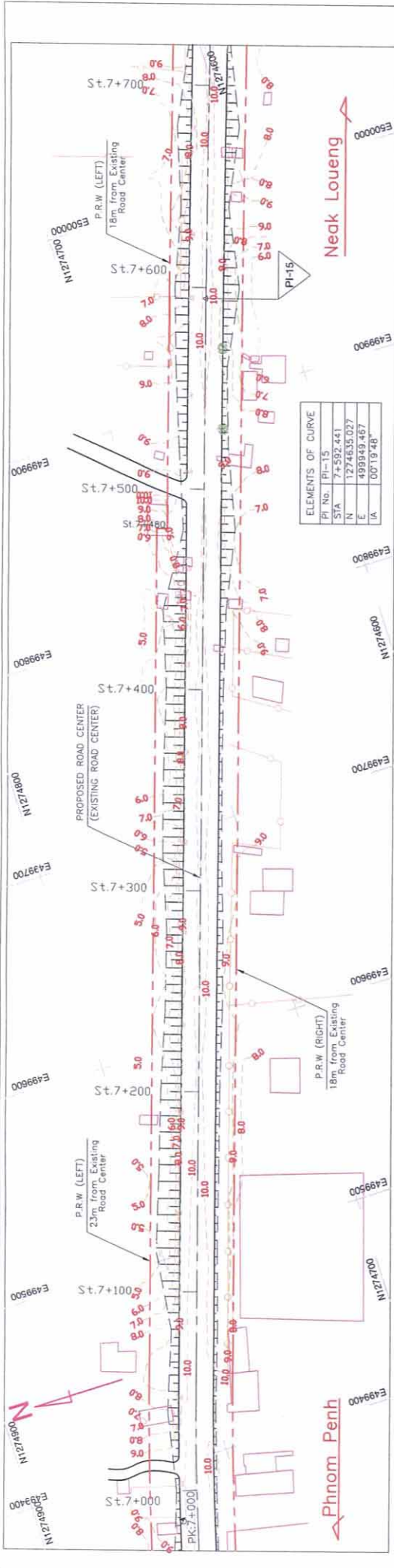
THE PROJECT FOR THE IMPROVEMENT OF NATIONAL ROAD NO.1 (PHNOM PENH-NEAK LOUENG SECTION) IN THE KINGDOM OF CAMBODIA

JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO.,LTD

TITLE : PLAN AND PROFILE (STA.6+300-STA.7+000)

SCALE H=1/2000 V=1/200

Drawing No. Sheet No. PL-10



CROSS SECTION TYPE	TYPE-4	TYPE-4
SUPER-ELEVATION		
HORIZONTAL	EC Rc=1640 Lc=206.526	RC Rc=538.115 L=538.115
STATION	7+000	7+000
GROUND HEIGHT	11.195	11.195
PAVEMENT HEIGHT	11.194	11.194
VERTICAL ALIGNMENT	11.193	11.193
	11.194	11.194
	11.191	11.191
	11.190	11.190
	11.190	11.190
	11.191	11.191
	11.189	11.189
	11.189	11.189
	11.189	11.189
	11.189	11.189
	11.187	11.187
	11.186	11.186
	11.186	11.186
	11.186	11.186
	11.185	11.185
	11.185	11.185
	11.184	11.184
	11.184	11.184
	11.184	11.184
	11.184	11.184
	11.183	11.183
	11.183	11.183
	11.183	11.183
	11.183	11.183
	11.182	11.182
	11.182	11.182
	11.182	11.182
	11.182	11.182
	11.181	11.181
	11.181	11.181
	11.181	11.181
	11.180	11.180
	11.180	11.180
	11.180	11.180
	11.179	11.179

MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)

THE PROJECT FOR THE IMPROVEMENT OF NATIONAL ROAD NO.1 (PHNOM PENH-NEAK LOUENG SECTION) IN THE KINGDOM OF CAMBODIA

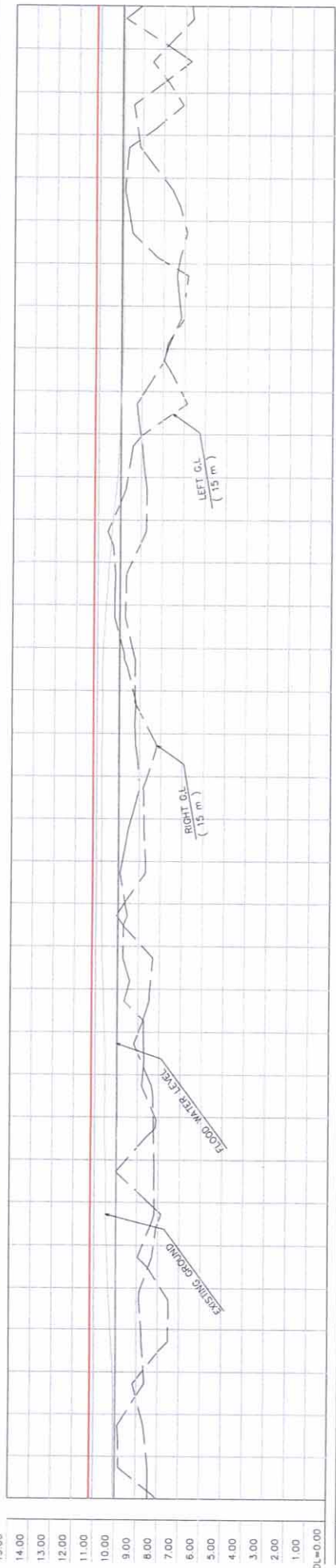
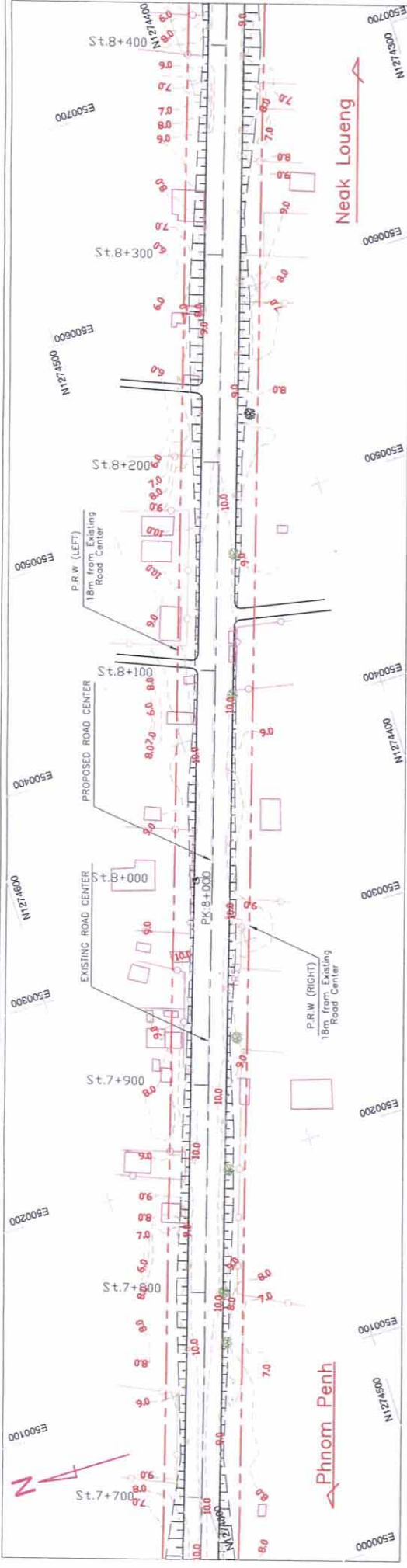
JAPAN INTERNATIONAL COOPERATION AGENCY
KATAHIRA & ENGINEERS INTERNATIONAL
CTI ENGINEERING INTERNATIONAL CO.,LTD

TITLE : PLAN AND PROFILE (STA.7+000 - STA.7+700)

SCALE
H=1/2000
V=1/200

Drawing No.
Sheet No.
PL-11

TYPE-4



CROSS SECTION TYPE	TYPE-4	
SUPER-ELEVATION	NC	
HORIZONTAL CURVATURE	Rc=∞ L=1963.997	
STATION	7+700	8+400
GROUND HEIGHT	10.05	9.89
PAVEMENT HEIGHT	11.179	11.164
VERTICAL ALIGNMENT	V=1/2000 H=20.0023 L=49.2000	
7+700	10.05	11.179
7+720	10.06	11.179
7+740	10.07	11.178
7+760	10.10	11.178
7+780	10.22	11.177
7+800	10.32	11.177
7+820	10.40	11.176
7+840	10.46	11.176
7+860	10.48	11.175
7+880	10.53	11.175
7+900	10.51	11.175
7+920	10.56	11.174
7+940	10.63	11.174
7+960	10.70	11.173
7+980	10.73	11.173
8+000	10.76	11.172
8+020	10.75	11.172
8+040	10.77	11.171
8+060	10.75	11.171
8+080	10.74	11.170
8+100	10.72	11.170
8+120	10.60	11.170
8+140	10.46	11.169
8+160	10.30	11.169
8+180	10.11	11.168
8+200	10.01	11.168
8+220	9.94	11.167
8+240	9.87	11.167
8+260	9.84	11.166
8+280	9.88	11.166
8+300	9.89	11.166
8+320	9.86	11.165
8+340	9.84	11.165
8+360	9.86	11.164
8+380	9.88	11.164
8+400	9.89	11.163

MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)

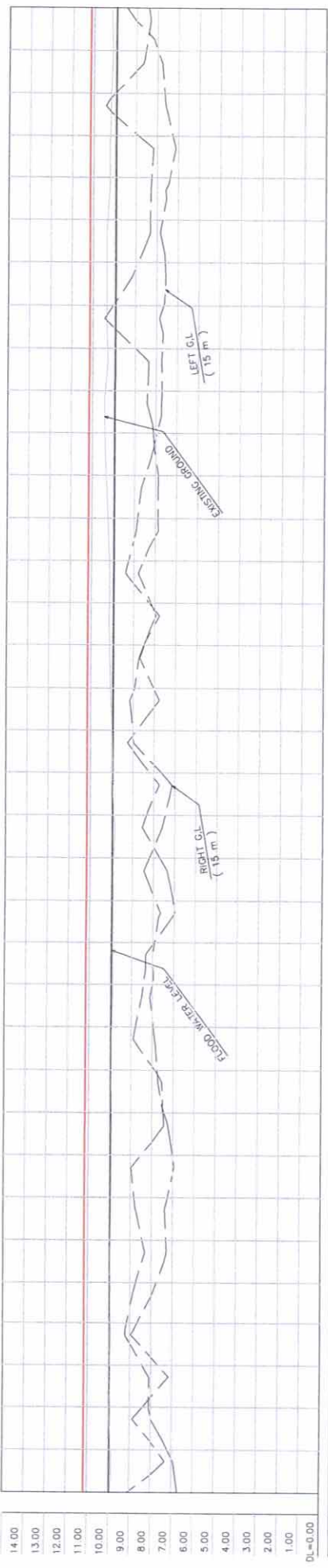
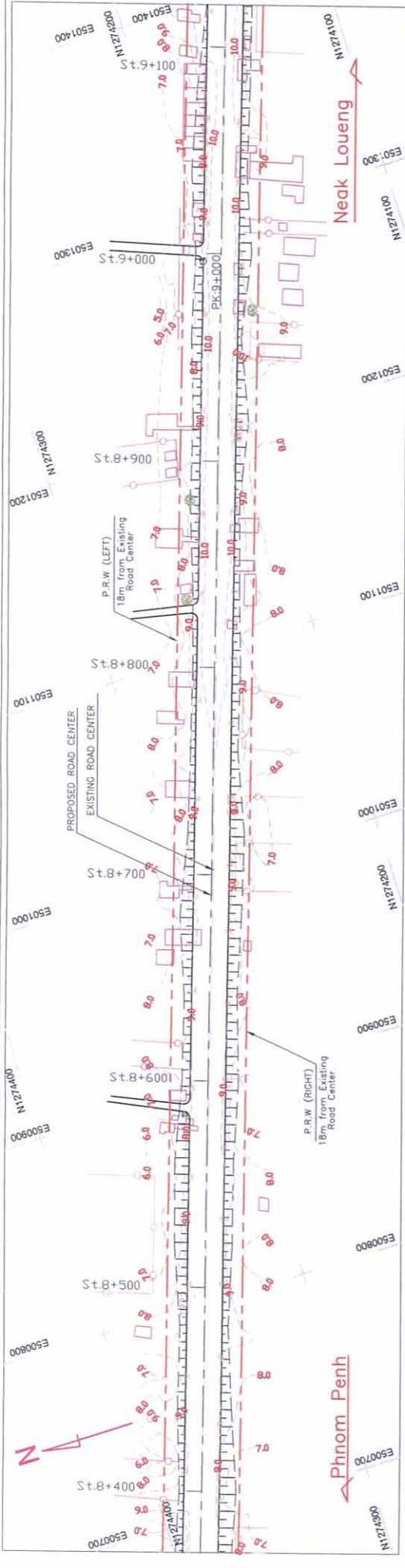
THE PROJECT FOR THE IMPROVEMENT OF NATIONAL ROAD NO.1 (PHNOM PENH-NEAK LOUENG SECTION) IN THE KINGDOM OF CAMBODIA

JAPAN INTERNATIONAL COOPERATION AGENCY
KATAHIRA & ENGINEERS INTERNATIONAL
CTI ENGINEERING INTERNATIONAL CO.,LTD

TITLE : PLAN AND PROFILE (STA.7+700-STA.8+400)

SCALE H=1/2000 V=1/200

Drawing No. PL-12
Sheet No. PL-12



VERTICAL ALIGNMENT	PAYMENT HEIGHT	GROUND HEIGHT	STATION	HORIZONTAL CURVATURE	CROSS SECTION TYPE
$\frac{1}{L} = \frac{0.0025}{9+20.00}$	11.163	9.89	8+400		TYPE-4
	11.162	9.93	8+460		
	11.161	9.92	8+500		
	11.161	9.94	8+480		
	11.160	9.95	8+440		
	11.160	9.88	8+420		
	11.160	9.89	8+540		
	11.160	9.88	8+560		
	11.157	9.88	8+700		
	11.156	9.87	8+720		
	11.156	9.95	8+740		
	11.155	9.98	8+760		
	11.155	10.06	8+780		
	11.154	10.12	8+800		
	11.154	10.13	8+820		
11.153	10.15	8+840			
11.153	10.23	8+860			
11.152	10.33	8+880			
11.152	10.40	8+900			
11.151	10.30	8+940			
11.151	10.35	8+960			
11.150	10.36	8+980			
11.150	10.33	9+000			
11.149	10.21	9+040			
11.148	10.17	9+060			
11.148	10.11	9+080			
11.147	10.16	9+100			

MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)

THE PROJECT FOR THE IMPROVEMENT OF NATIONAL ROAD NO.1 (PHNOM PENH-NEAK LOUENG SECTION) IN THE KINGDOM OF CAMBODIA

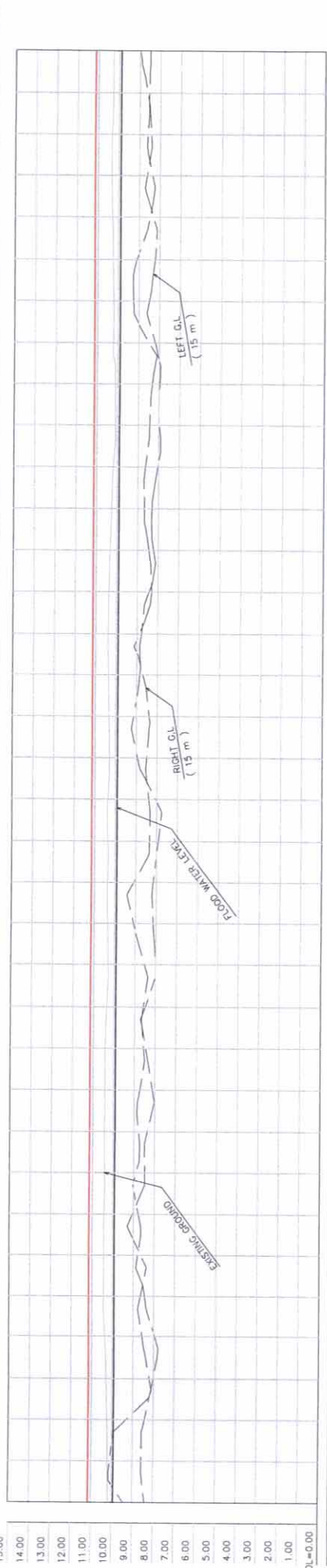
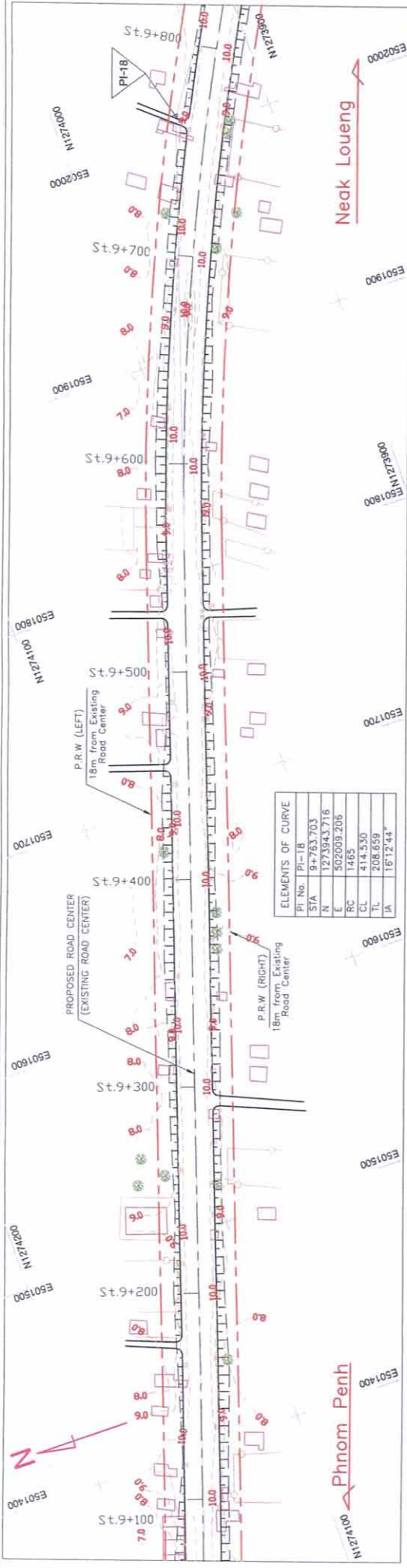
JAPAN INTERNATIONAL COOPERATION AGENCY
KATAHIRA & ENGINEERS INTERNATIONAL
CTI ENGINEERING INTERNATIONAL CO.,LTD

TITLE : PLAN AND PROFILE (STA.8+400-STA.9+100)

SCALE
H=1/2000
V=1/200

Drawing No.
Sheet No.
PL-13

TYPE-4



TYPE	CROSS SECTION	TYPE	ELEVATION	HORIZONTAL CURVATURE	STATION	GROUND HEIGHT	PAYMENT HEIGHT	VERTICAL ALIGNMENT
TYPE-4			9+100		10.16	11.147	11.147	
			9+120		10.21	11.147	11.147	
			9+140		10.23	11.147	11.147	
			9+160		10.29	11.146	11.146	
			9+180		10.36	11.146	11.146	
			9+200		10.43	11.145	11.145	
			9+220		10.42	11.145	11.145	
			9+240		10.42	11.144	11.144	
			9+260		10.40	11.144	11.144	
			9+280		10.42	11.143	11.143	
			9+300		10.43	11.143	11.143	
			9+320		10.41	11.143	11.143	
			9+340		10.35	11.142	11.142	
			9+360		10.29	11.142	11.142	
			9+380		10.34	11.141	11.141	
			9+400		10.36	11.141	11.141	
			9+420		10.35	11.140	11.140	
			9+440		10.36	11.140	11.140	
			9+460		10.30	11.139	11.139	
			9+480		10.33	11.139	11.139	
			9+500		10.37	11.138	11.138	
			9+520		10.39	11.138	11.138	
			9+540		10.37	11.138	11.138	
			9+560		10.32	11.137	11.137	
			9+580		10.26	11.137	11.137	
			9+600		10.19	11.136	11.136	
			9+620		10.09	11.136	11.136	
			9+640		10.12	11.135	11.135	
			9+660		10.22	11.135	11.135	
			9+680		10.20	11.134	11.134	
			9+700		10.25	11.134	11.134	
			9+720		10.29	11.133	11.133	
			9+740		10.33	11.133	11.133	
			9+760		10.33	11.133	11.133	
			9+780		10.27	11.132	11.132	
			9+800		10.29	11.132	11.132	

MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)

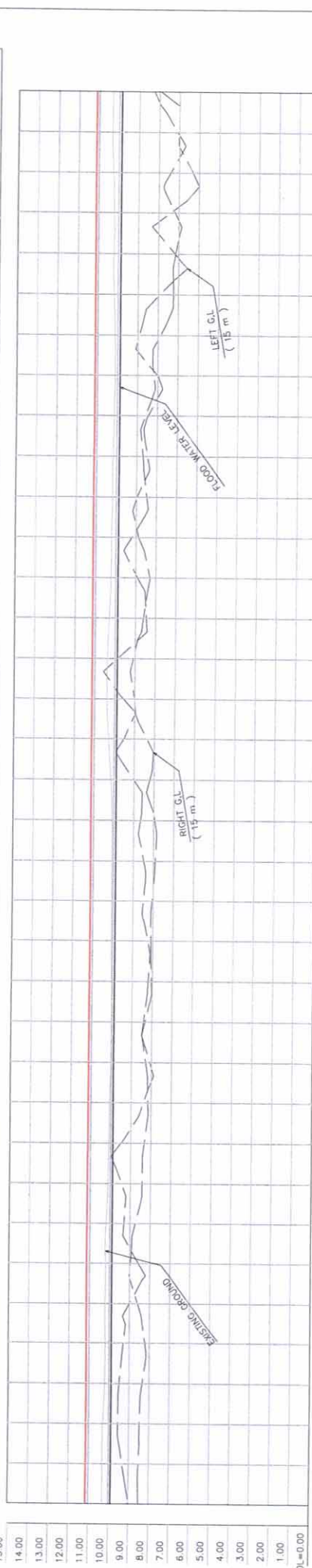
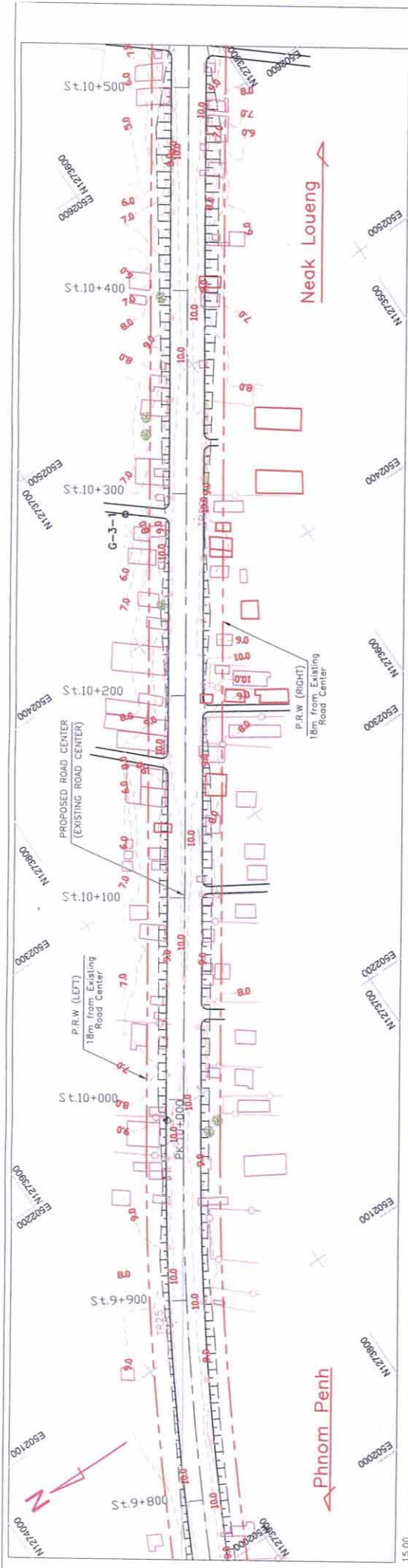
THE PROJECT FOR THE IMPROVEMENT OF NATIONAL ROAD NO.1 (PHNOM PENH-NEAK LOUENG SECTION) IN THE KINGDOM OF CAMBODIA

JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO.,LTD

TITLE : PLAN AND PROFILE (STA.9+100-STA.9+800)

SCALE H=1/2000 V=1/200

Drawing No. Sheet No. PL-14



VERTICAL ALIGNMENT	STATION	GROUND ELEVATION	PROPOSED ROAD ELEVATION
	11.132	9+800	10+29
	11.131	9+820	10+30
	11.131	9+840	10+28
	11.130	9+860	10+21
	11.130	9+880	10+19
	11.129	9+900	10+21
	11.129	9+920	10+20
	11.129	9+940	10+19
	11.129	9+960	10+11
	11.128	9+980	10+09
	11.127	10+000	10+06
	11.127	10+020	10+01
	11.126	10+040	9+98
	11.126	10+060	10+02
	11.125	10+080	10+07
	11.125	10+100	10+07
	11.124	10+120	10+07
	11.124	10+140	10+07
	11.124	10+160	10+14
	11.123	10+180	10+28
	11.123	10+200	10+37
	11.122	10+220	10+37
	11.122	10+240	10+30
	11.121	10+260	10+22
	11.121	10+280	10+21
	11.120	10+300	10+19
	11.120	10+320	10+18
	11.120	10+340	10+14
	11.119	10+360	10+12
	11.119	10+380	10+13
	11.118	10+400	10+19
	11.118	10+420	10+22
	11.117	10+440	10+21
	11.117	10+460	10+27
	11.116	10+480	10+33
	11.116	10+500	10+29

TYPE-4

MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)

THE PROJECT FOR THE IMPROVEMENT OF NATIONAL ROAD NO.1 (PHNOM PENH-NEAK LOUENG SECTION) IN THE KINGDOM OF CAMBODIA

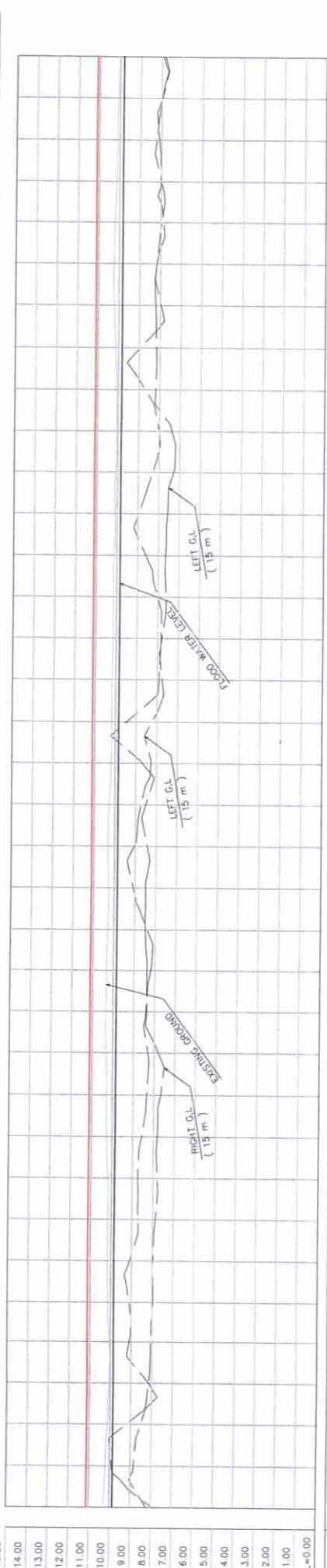
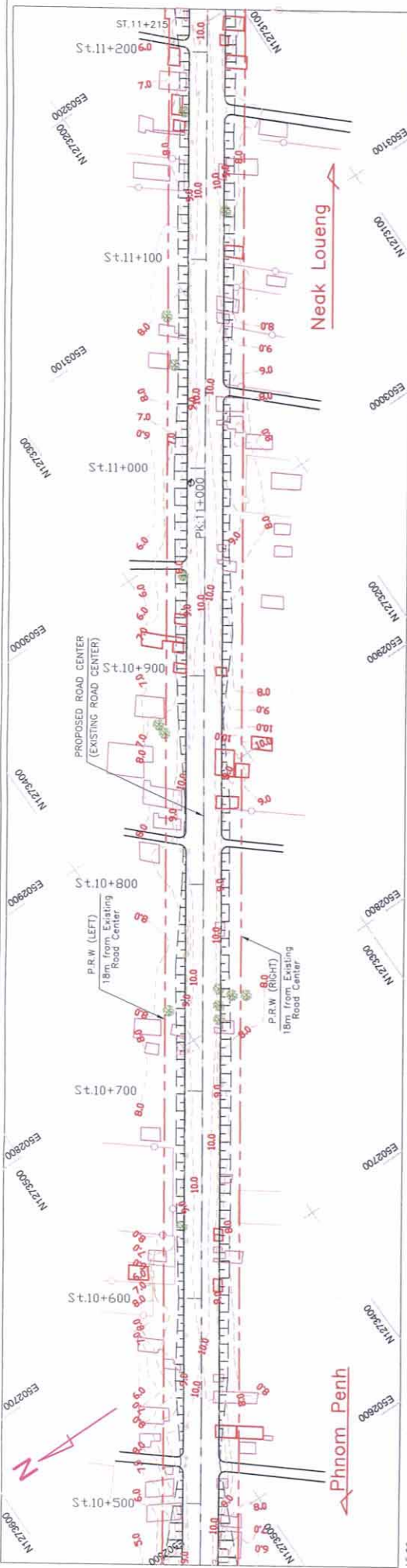
JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO.,LTD

TITLE : PLAN AND PROFILE (STA.9+800—STA.10+500)

SCALE H=1/2000 V=1/200

Drawing No. Sheet No. PL-15

TYPE-4



CROSS SECTION TYPE	TYPE-4	
SURFACE ELEVATION	NC	
HORIZONTAL ALIGNMENT	Rc=∞ L=2290.318	
STATION	St.11+215	St.10+500
GROUND HEIGHT	11.115	11.115
PAVEMENT HEIGHT	11.115	11.115
VERTICAL ALIGNMENT	$\begin{cases} a=0.0025 \\ f=2000 \end{cases}$	

MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)

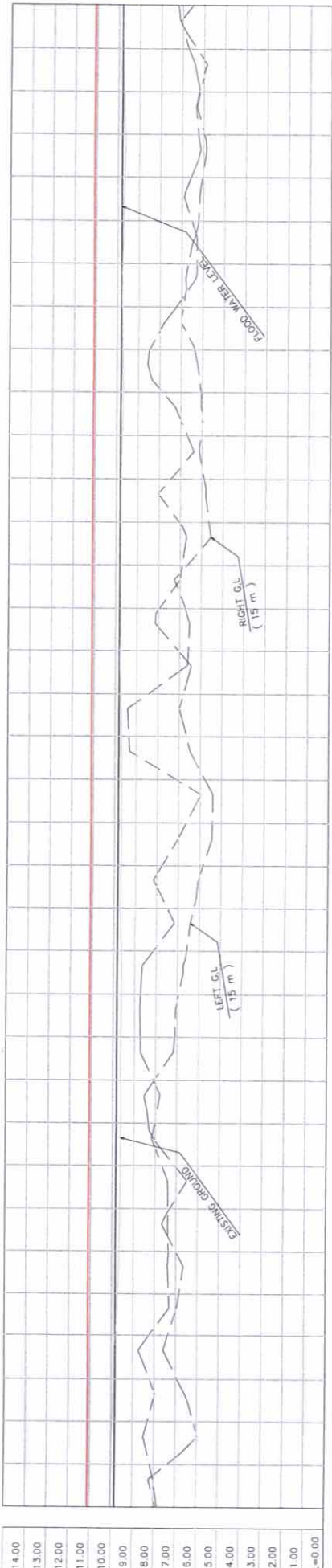
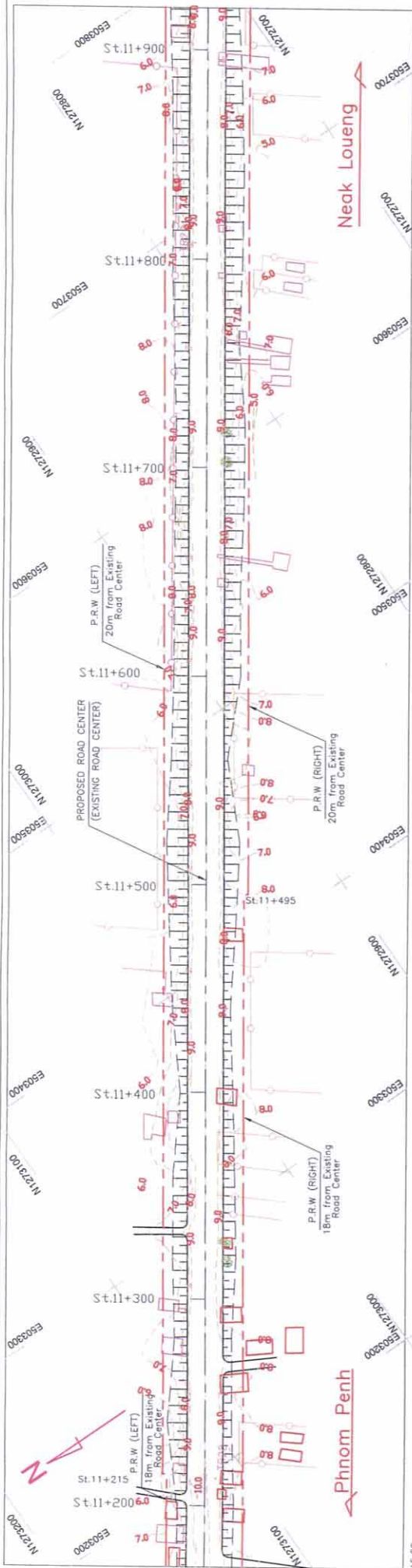
THE PROJECT FOR THE IMPROVEMENT OF NATIONAL ROAD NO.1 (PHNOM PENH-NEAK LOUENG SECTION) IN THE KINGDOM OF CAMBODIA

JAPAN INTERNATIONAL COOPERATION AGENCY
KATAHIRA & ENGINEERS INTERNATIONAL
CTI ENGINEERING INTERNATIONAL CO.,LTD

TITLE : PLAN AND PROFILE (STA.10+500-ST.11+200)

SCALE
H=1/2000
V=1/200

Drawing No. _____
Sheet No. PL-16



TYPE	SECTION	TYPE	STATION	GROUND HEIGHT	PAVEMENT HEIGHT	VERTICAL ALIGNMENT
			11.100	10.04	11.200	
			11.099	10.01	11.220	
			11.099	9.95	11.240	
			11.099	9.89	11.260	
			11.098	9.83	11.280	
			11.097	9.71	11.300	
			11.097	9.65	11.320	
			11.096	9.63	11.340	
			11.096	9.62	11.360	
			11.096	9.62	11.380	
			11.096	9.62	11.400	
			11.096	9.62	11.420	
			11.095	9.61	11.440	
			11.095	9.63	11.460	
			11.094	9.68	11.480	
			11.094	9.68	11.500	
			11.093	9.69	11.520	
			11.093	9.67	11.540	
			11.092	9.67	11.560	
			11.092	9.73	11.580	
			11.092	9.78	11.600	
			11.091	9.76	11.620	
			11.091	9.77	11.640	
			11.090	9.78	11.660	
			11.089	9.76	11.680	
			11.089	9.72	11.700	
			11.088	9.69	11.720	
			11.088	9.72	11.740	
			11.087	9.77	11.760	
			11.087	9.76	11.780	
			11.087	9.69	11.800	
			11.086	9.67	11.820	
			11.086	9.66	11.840	
			11.085	9.71	11.860	
			11.085	9.76	11.880	
			11.084	9.78	11.900	

TYPE-4

CROSS SECTION TYPE

SURF-ELEVATION

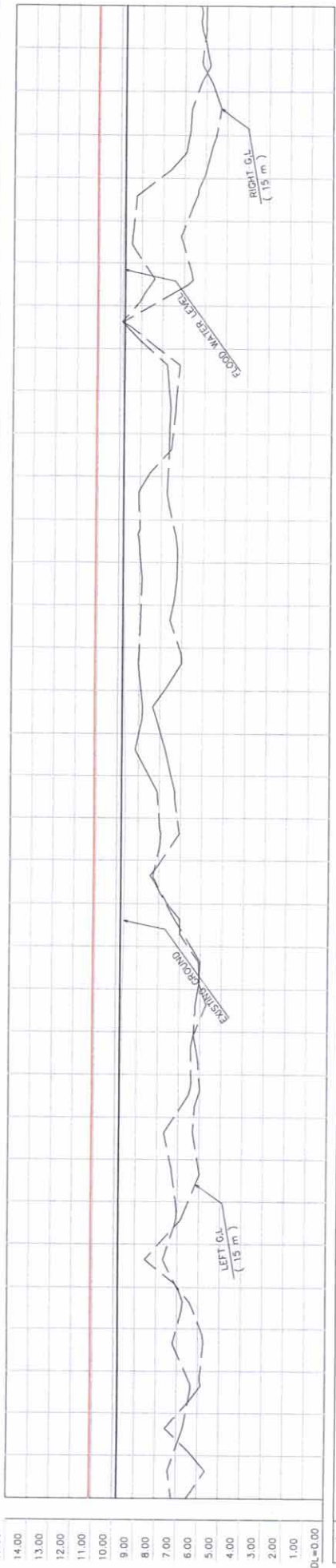
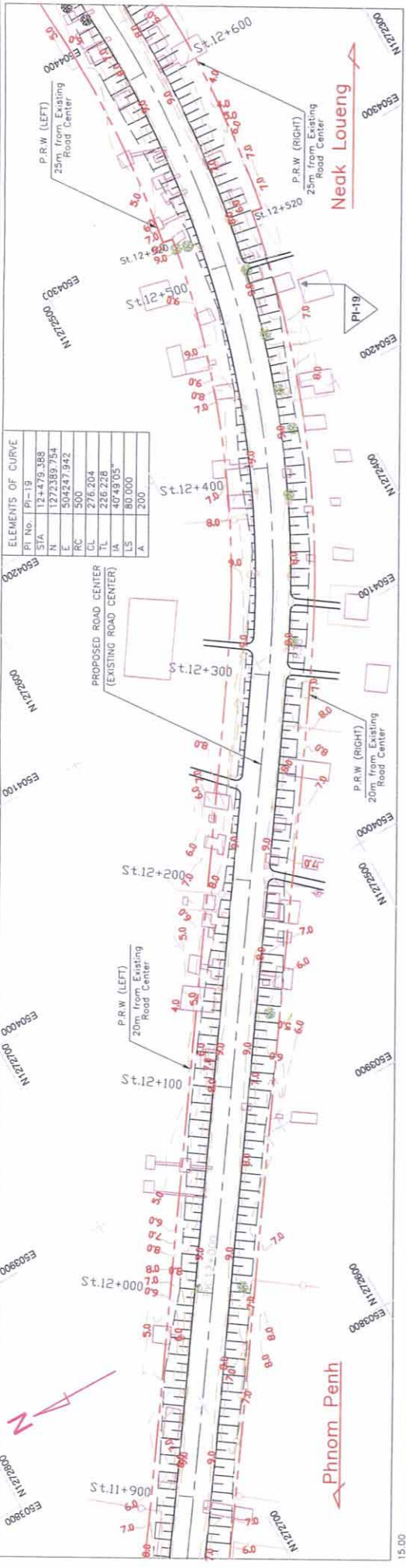
HORIZONTAL ALIGNMENT

Rc=∞∞
L=2290.318

NC

TYPE-4

MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)	THE PROJECT FOR THE IMPROVEMENT OF NATIONAL ROAD NO.1 (PHNOM PENH-NEAK LOUENG SECTION) IN THE KINGDOM OF CAMBODIA	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO.,LTD	TITLE : PLAN AND PROFILE (STA.11+200-STA.11+900)		SCALE H=1/2000 V=1/200	Drawing No.
					Sheet No. PL-17	



CROSS SECTION TYPE	TYPE-4	TYPE-4
GROUND ELEVATION	11.084	11.084
PROPOSED ELEVATION	11.084	11.084
STATION	11.900	9.78
HORIZONTAL CURVATURE	NC	NC
VERTICAL ALIGNMENT	TS	SC
PARAMETER	Rc=∞ L=2290.318	Rc=500 Lc=276.204
HEIGHT	11.940	9.75
HEIGHT	11.920	9.77
HEIGHT	11.940	9.73
HEIGHT	11.082	11.082
HEIGHT	11.081	11.081
HEIGHT	11.081	9.78
HEIGHT	11.080	9.78
HEIGHT	11.080	9.74
HEIGHT	11.079	9.69
HEIGHT	11.079	9.68
HEIGHT	11.078	9.63
HEIGHT	11.078	9.62
HEIGHT	11.077	9.60
HEIGHT	11.077	9.61
HEIGHT	11.076	9.53
HEIGHT	11.076	9.67
HEIGHT	11.075	9.68
HEIGHT	11.075	9.72
HEIGHT	11.074	9.77
HEIGHT	11.074	9.74
HEIGHT	11.073	9.77
HEIGHT	11.073	9.82
HEIGHT	11.072	9.87
HEIGHT	11.072	9.88
HEIGHT	11.071	9.84
HEIGHT	11.070	9.82
HEIGHT	11.070	9.79
HEIGHT	11.069	9.77
HEIGHT	11.069	9.79
HEIGHT	11.069	9.82

MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)

THE PROJECT FOR THE IMPROVEMENT OF NATIONAL ROAD NO.1 (PHNOM PENH-NEAK LOUENG SECTION) IN THE KINGDOM OF CAMBODIA

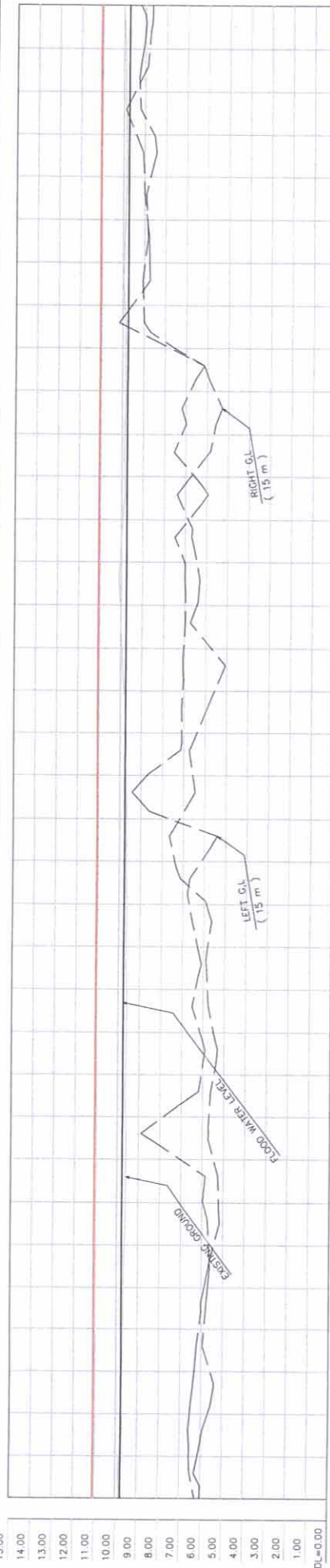
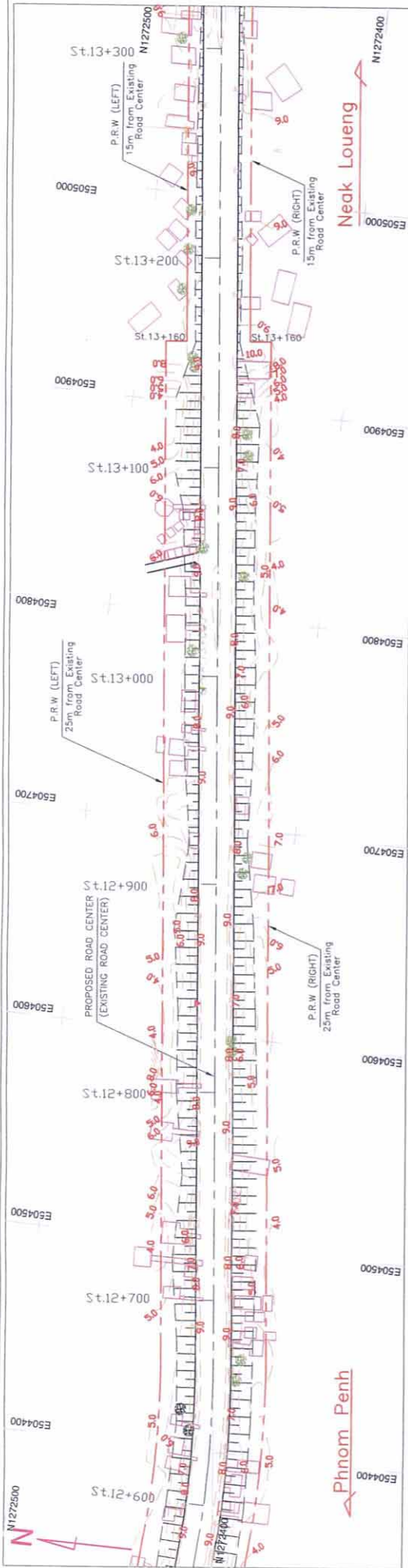
JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO.,LTD

TITLE : PLAN AND PROFILE (STA.11+900 - STA.12+600)

SCALE H=1/2000 V=1/200

Drawing No. PL-18

Sheet No. PL-18



CROSS SECTION TYPE	TYPE-4	TYPE-4
GROUND ELEVATION	12+640 4.00	12+700 -3.00
SUPER-ELEVATION	12+640 4.00	12+700 -3.00
HORIZONTAL CURVATURE	CS A=200 Ls=80.00	ST
STATION	12+640 9.71	12+700 9.66
GROUND HEIGHT	12+640 9.82	12+700 9.66
PAVEMENT HEIGHT	12+640 9.73	12+700 9.69
VERTICAL ALIGNMENT	12+640 9.82	12+700 9.66
	12+660 9.71	12+720 9.63
	12+680 9.69	12+740 9.59
	12+700 9.66	12+760 9.59
	12+720 9.63	12+780 9.61
	12+740 9.59	12+800 9.62
	12+760 9.59	12+820 9.59
	12+780 9.61	12+840 9.59
	12+800 9.62	12+860 9.63
	12+820 9.59	12+880 9.63
	12+840 9.59	12+900 9.66
	12+860 9.63	12+920 9.68
	12+880 9.63	12+940 9.69
	12+900 9.66	12+960 9.72
	12+920 9.68	12+980 9.82
	12+940 9.69	13+000 9.94
	12+960 9.72	13+020 10.04
	12+980 9.82	13+040 10.06
	13+000 9.94	13+060 9.93
	13+020 10.04	13+080 9.86
	13+040 10.06	13+100 9.87
	13+060 9.93	13+120 9.84
	13+080 9.86	13+140 9.85
	13+100 9.87	13+160 9.90
	13+120 9.84	13+180 9.94
	13+140 9.85	13+200 9.88
	13+160 9.90	13+220 9.85
	13+180 9.94	13+240 9.85
	13+200 9.88	13+260 9.88
	13+220 9.85	13+280 9.93
	13+240 9.85	13+300 10.00
	13+260 9.88	
	13+280 9.93	
	13+300 10.00	

MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)

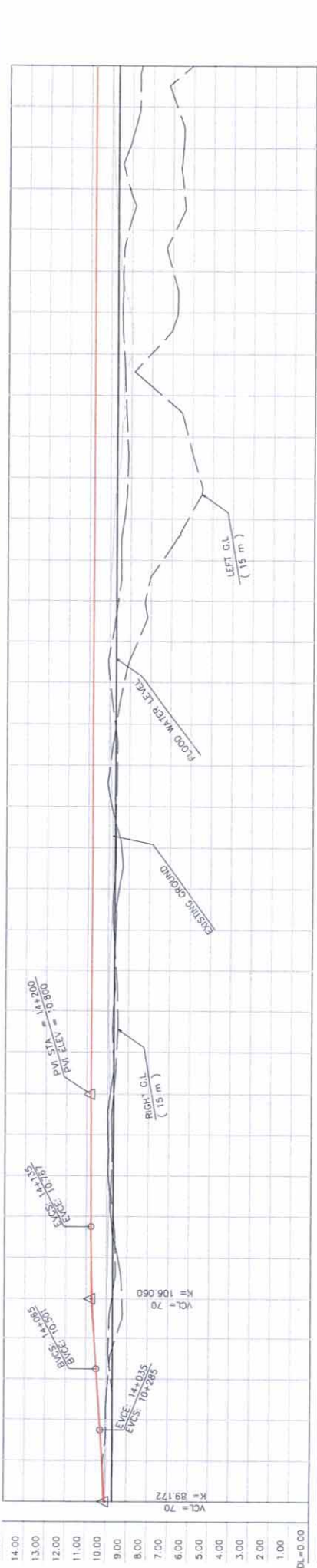
THE PROJECT FOR THE IMPROVEMENT OF NATIONAL ROAD NO.1 (PHNOM PENH-NEAK LOUENG SECTION) IN THE KINGDOM OF CAMBODIA

JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO.,LTD

TITLE : PLAN AND PROFILE (STA.12+600 - STA.13+300)

SCALE H=1/2000 V=1/200

Drawing No. Sheet No. PL-19



CROSS SECTION TYPE	STATION	GROUND ELEVATION	PAVEMENT HEIGHT	FINISH ELEVATION
TYPE-4	10.03	10.109	10.03	10.03
	10.03	10.195	10.03	10.03
TYPE-4	10.03	10.324	10.03	10.03
	10.03	10.466	10.03	10.03
TYPE-4	9.97	10.597	9.97	9.97
	9.97	10.692	9.97	9.97
TYPE-4	9.93	10.749	9.93	9.93
	9.90	10.770	9.90	9.90
TYPE-4	9.90	10.780	9.90	9.90
	9.90	10.790	9.90	9.90
TYPE-4	9.90	10.800	9.90	9.90
	9.90	10.800	9.90	9.90
TYPE-4	9.91	10.799	9.91	9.91
	9.95	10.798	9.95	9.95
TYPE-4	9.93	10.797	9.93	9.93
	9.86	10.796	9.86	9.86
TYPE-4	9.80	10.796	9.80	9.80
	9.80	10.796	9.80	9.80
TYPE-4	9.80	10.796	9.80	9.80
	9.86	10.796	9.86	9.86
TYPE-4	9.90	10.793	9.90	9.90
	9.95	10.792	9.95	9.95
TYPE-4	9.98	10.791	9.98	9.98
	9.98	10.790	9.98	9.98
TYPE-4	9.97	10.789	9.97	9.97
	9.91	10.788	9.91	9.91
TYPE-4	9.81	10.787	9.81	9.81
	9.63	10.787	9.63	9.63
TYPE-4	9.45	10.786	9.45	9.45
	9.37	10.785	9.37	9.37
TYPE-4	8.97	10.784	8.97	8.97
	9.06	10.783	9.06	9.06
TYPE-4	9.43	10.782	9.43	9.43
	9.63	10.781	9.63	9.63
TYPE-4	9.80	10.780	9.80	9.80
	9.91	10.779	9.91	9.91
TYPE-4	9.94	10.778	9.94	9.94
	9.93	10.778	9.93	9.93

MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)

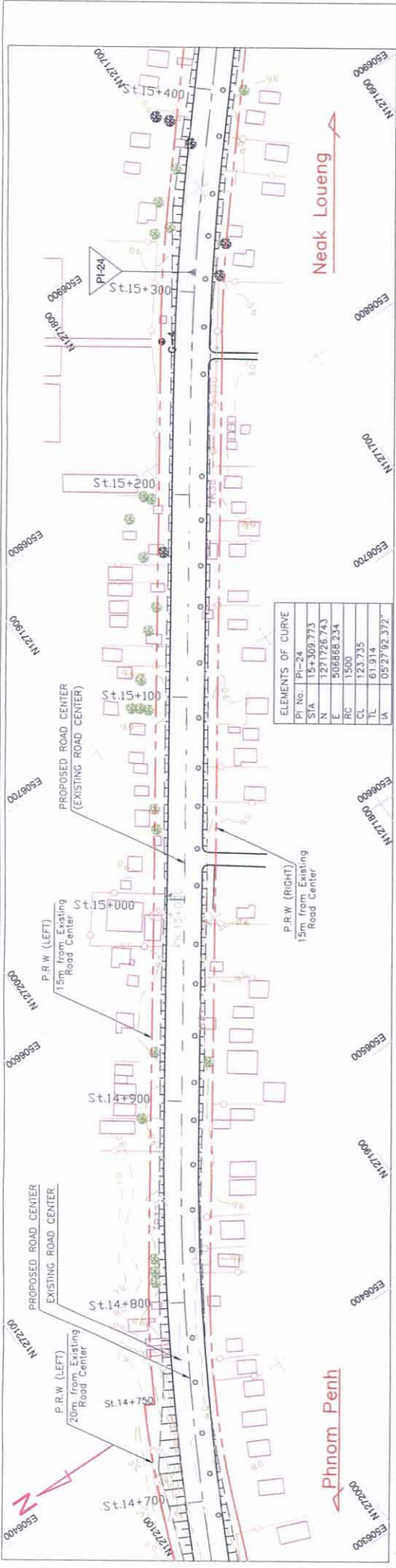
THE PROJECT FOR THE IMPROVEMENT OF NATIONAL ROAD NO.1 (PHNOM PENH-NEAK LOUENG SECTION) IN THE KINGDOM OF CAMBODIA

JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO.,LTD

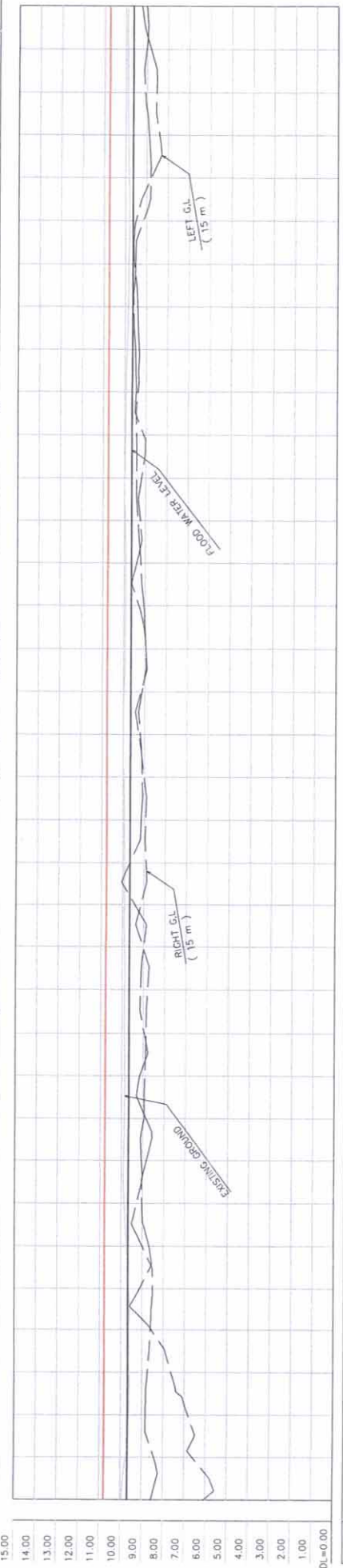
TITLE: PLAN AND PROFILE (STA. 14+000 - STA. 14+700)

SCALE: H=1/2000 V=1/200

Drawing No. _____ Sheet No. PL-21



ELEMENTS OF CURVE	
PI No.	PI-24
STA	15+309.773
N	1271726.743
E	506868.234
RC	1500
CL	123.725
TL	61.614
LA	05°27'02.372"



CROSS SECTION TYPE	SUPER-ELEVATION	GROUND HEIGHT	PAVEMENT HEIGHT	PARENT ALIGNMENT	HORIZONTAL CURVATURE	STATION	GROUND HEIGHT	PAVEMENT HEIGHT	PARENT ALIGNMENT	CROSS SECTION TYPE				
TYPE-4	e=3%	14+858	14+860	14+770	Rc=1300 Lc=454.663	14+778	9.93	10.777	14+700	Rc=∞∞ L=355.741	15+100	9.93	10.760	TYPE-4
		14+908	14+910	14+771		14+774	9.61	10.774	14+780		15+110	9.92	10.759	
		14+958	14+960	14+772		14+775	9.50	10.775	14+790		15+120	9.92	10.759	
		14+908	14+910	14+773		14+778	9.75	10.777	14+740		15+130	9.92	10.758	
		14+908	14+910	14+774		14+783	9.84	10.777	14+730		15+140	9.92	10.758	
		14+908	14+910	14+775		14+793	9.87	10.768	14+920		15+150	9.92	10.757	
		14+908	14+910	14+776		14+803	9.87	10.768	14+970		15+160	9.94	10.757	
		14+908	14+910	14+777		14+813	9.88	10.767	14+940		15+170	9.97	10.756	
		14+908	14+910	14+778		14+823	9.88	10.766	14+990		15+180	9.97	10.756	
		14+908	14+910	14+779		14+833	9.89	10.765	15+040		15+190	9.99	10.754	
TYPE-4	RC	15+218	15+220	15+240	Rc=∞∞ L=355.741	15+240	9.95	10.753	15+260	Rc=1500 Lc=142.771	15+320	9.82	10.750	TYPE-4
		15+268	15+270	15+250		15+255	9.95	10.753	15+270		15+330	9.82	10.749	
		15+318	15+320	15+255		15+260	9.85	10.752	15+280		15+340	9.86	10.749	
		15+368	15+370	15+255		15+265	9.85	10.752	15+290		15+350	9.86	10.748	
		15+418	15+420	15+255		15+270	9.90	10.752	15+300		15+360	9.86	10.747	
		15+468	15+470	15+255		15+275	9.90	10.747	15+310		15+370	9.90	10.747	
		15+518	15+520	15+255		15+280	9.85	10.746	15+320		15+380	9.85	10.746	
		15+568	15+570	15+255		15+285	9.85	10.746	15+330		15+390	9.85	10.746	
		15+618	15+620	15+255		15+290	9.85	10.746	15+340		15+400	9.85	10.746	
		15+668	15+670	15+255		15+295	9.85	10.746	15+350		15+410	9.85	10.746	