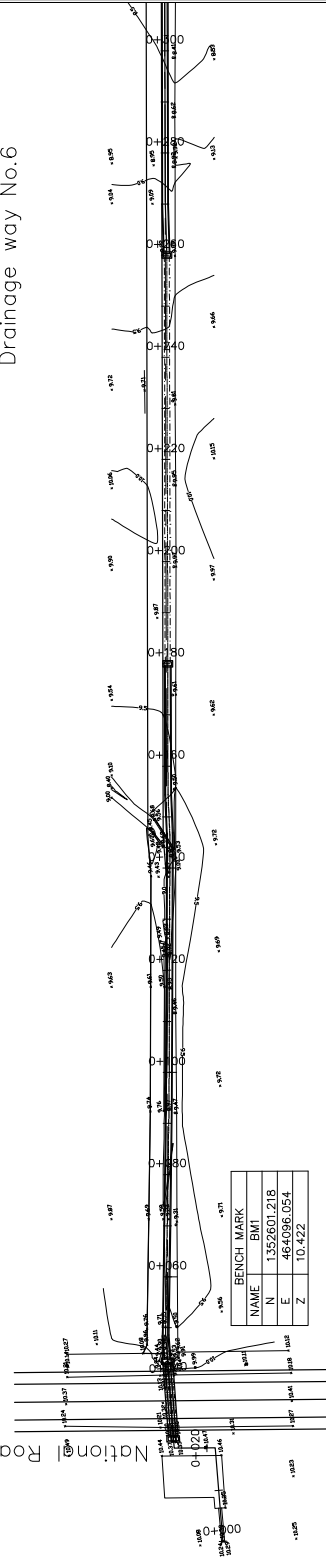


Nation Road No.5 (1)

Drainage way No.6

Rd/G



Wv-(UR)1000x1000(S)-136.50

CP-D600(360)x2-29.00

CP-D1000(90)S-80.00

CB(C)-2000x750x1200

CB(C)-2000x750x1200

CB(C)-1400x750x1200

CB(C)-1400x750x1200

BMI

MINISTRY OF
PUBLIC WORKS AND TRANSPORT
(MPWT)

THE PROJECT FOR FLOOD
DISASTER REHABILITATION AND
MITIGATION
IN THE KINGDOM OF CAMBODIA

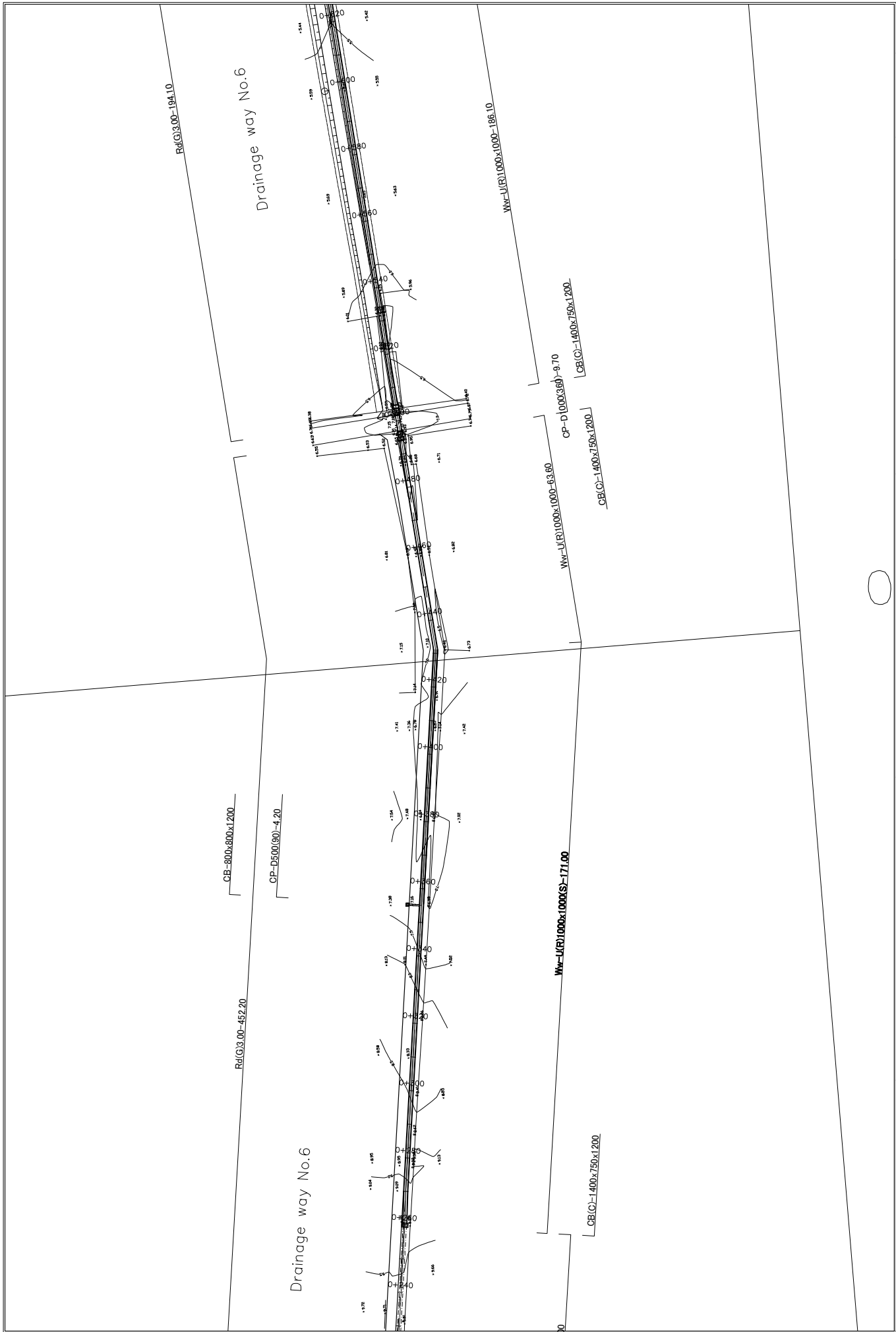
JAPAN INTERNATIONAL COOPERATION AGENCY
KATAHIRA & ENGINEERS INTERNATIONAL

TITLE :
PLAN
DRAINAGE WAY No.6 (1/3)

SCALE
1/1000

Drawing No.
PL-24

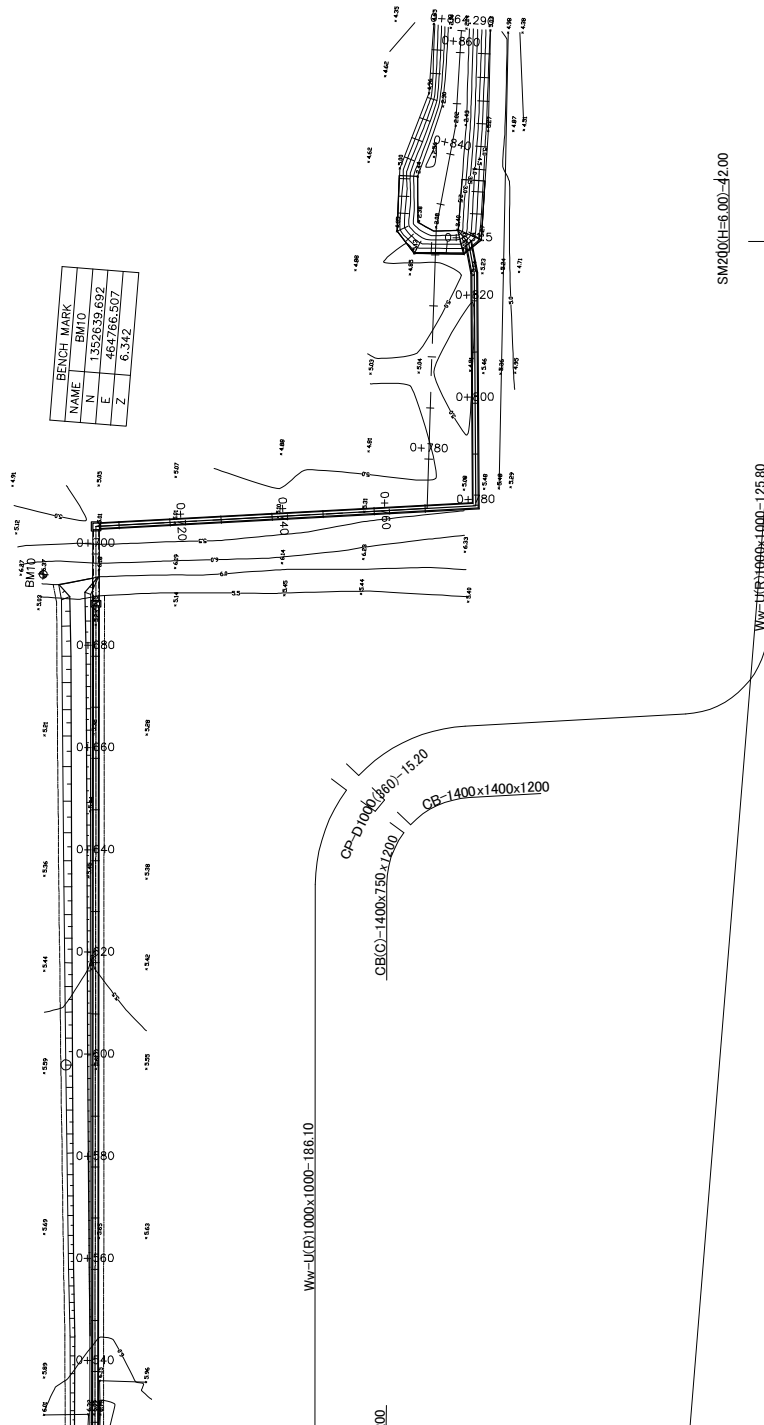
Sheet No.
XX



MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)	THE PROJECT FOR FLOOD DISASTER REHABILITATION AND MITIGATION IN THE KINGDOM OF CAMBODIA	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE :	SCALE	Drawing No.	PL-25
			PLAN DRAINAGE WAY No.6 (2/3)	1/1000	Sheet No.	XX

Rd(G)03.00-194.10

Drainage way No.6



SM2100(H=6.00)-42.00

MINISTRY OF
PUBLIC WORKS AND TRANSPORT
(MPWT)

THE PROJECT FOR FLOOD
DISASTER REHABILITATION AND
MITIGATION
IN THE KINGDOM OF CAMBODIA

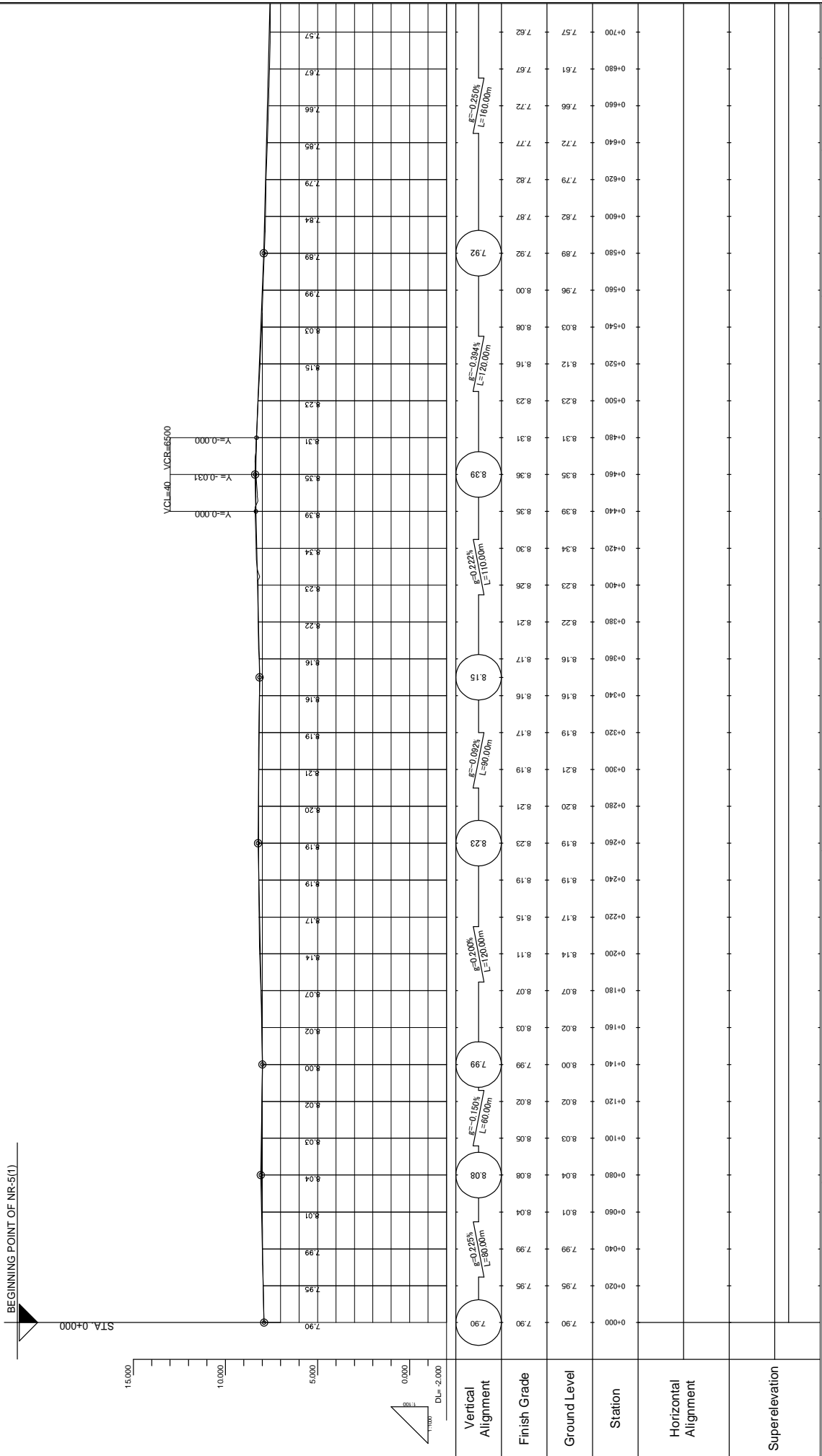
JAPAN INTERNATIONAL COOPERATION AGENCY
KATAHIRA & ENGINEERS INTERNATIONAL

TITLE : PLAN
DRAINAGE WAY No.6 (3/3)

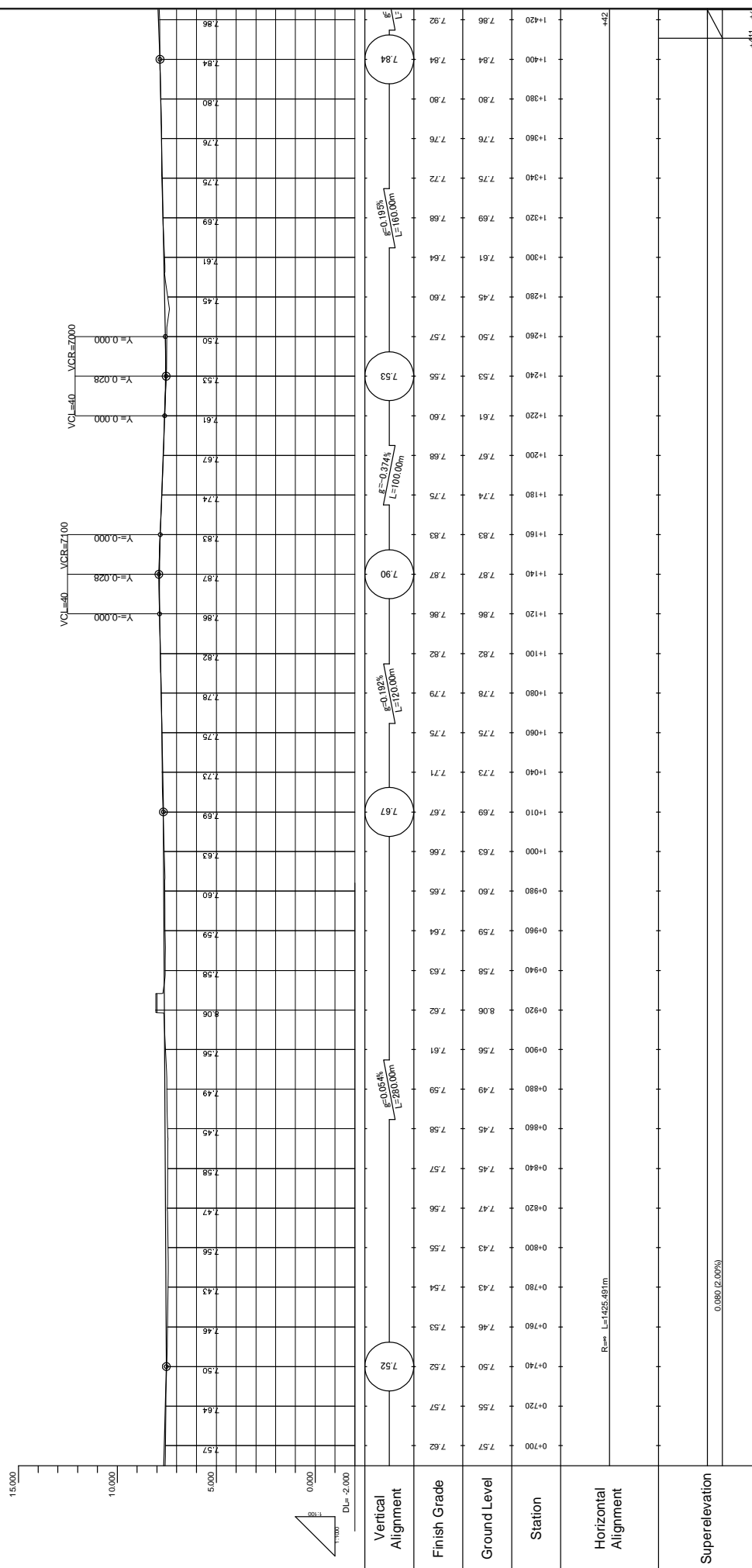
SCALE
1/1000

Drawing No.
Sheet No.

PL-26
XX



MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)	THE PROJECT FOR FLOOD DISASTER REHABILITATION AND MITIGATION IN THE KINGDOM OF CAMBODIA	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE : PROFILE NATIONAL ROAD No.5 (1) STA.0+000 - STA.0+700	SCALE H = 1/2000, V = 1/200	Drawing No.	PR-01
					Sheet No.	XX



Vertical Alignment	7.52	7.57	7.50	7.52	7.53	7.54	7.54	7.53	7.52	7.50	7.57	7.55	7.57	7.52	7.53	7.53	7.55	7.55	7.53	7.50	7.57	7.45	7.60	7.60	7.64	7.61	7.61	7.69	7.68	7.75	7.72	7.76	7.80	7.80	7.84	7.84	7.86			
	7.57	7.64	7.50	7.46	7.43	7.43	7.54	7.54	7.53	7.50	7.57	7.55	7.47	7.57	7.45	7.58	7.45	7.49	7.59	7.49	7.56	7.61	7.58	7.64	7.59	7.63	7.58	7.58	7.56	7.56	7.63	7.66	7.69	7.69	7.76	7.76	7.80	7.80	7.84	7.86
Finish Grade	7.57	7.64	7.50	7.46	7.43	7.43	7.54	7.54	7.53	7.50	7.57	7.55	7.47	7.57	7.45	7.58	7.45	7.49	7.59	7.49	7.56	7.61	7.58	7.64	7.59	7.63	7.58	7.58	7.56	7.56	7.63	7.66	7.69	7.69	7.76	7.76	7.80	7.80	7.84	7.86
Ground Level	7.57	7.64	7.50	7.46	7.43	7.43	7.54	7.54	7.53	7.50	7.57	7.55	7.47	7.57	7.45	7.58	7.45	7.49	7.59	7.49	7.56	7.61	7.58	7.64	7.59	7.63	7.58	7.58	7.56	7.56	7.63	7.66	7.69	7.69	7.76	7.76	7.80	7.80	7.84	7.86
Station	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	1+300	1+320	1+340	1+360	1+380	1+400	1+420			
Horizontal Alignment	R=1425.491m																																							
Superelevation	0.080 (2.00%)																																							

PR-02
Drawing No.

XX
Sheet No.

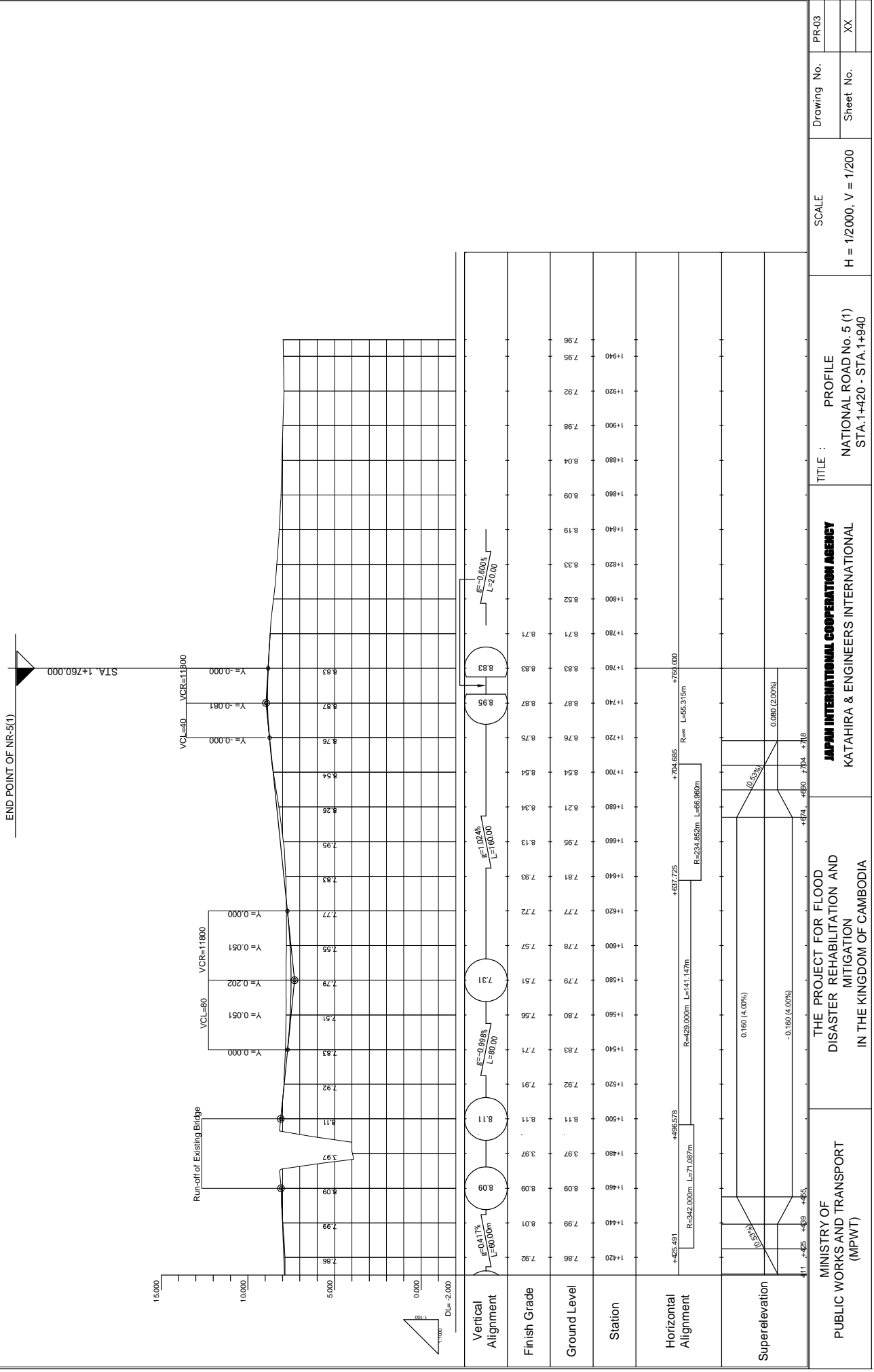
SCALE
H = 1/2000, V = 1/200

TITLE : PROFILE
NATIONAL ROAD No. 5 (1)
STA. 0+700 - STA. 1+420

JAPAN INTERNATIONAL COOPERATION AGENCY
KATAHIRA & ENGINEERS INTERNATIONAL

THE PROJECT FOR FLOOD
DISASTER REHABILITATION AND
MITIGATION
IN THE KINGDOM OF CAMBODIA

MINISTRY OF
PUBLIC WORKS AND TRANSPORT
(MPWT)



END POINT OF NR-5(1)

STA. 1+760.000

VCR=40 VCR=11300

VCR=80 VCR=11800

Run-off of Existing Bridge

Vertical Alignment

Finish Grade

Ground Level

Station

Horizontal Alignment

Superelevation

Vertical Alignment: $E=-0.000\%$, $L=20.00$

Vertical Alignment: $E=-0.004\%$, $L=160.00$

Vertical Alignment: $E=-0.998\%$, $L=80.00$

Vertical Alignment: $E=0.017\%$, $L=80.00$

Horizontal Alignment: $R=429.000m$, $L=141.147m$

Horizontal Alignment: $R=234.952m$, $L=66.960m$

Horizontal Alignment: $R=754.685m$, $L=45.315m$

Superelevation: $0.160 (4.00\%)$, $0.080 (2.00\%)$

Superelevation: 0.35% , $0.080 (2.00\%)$

Superelevation: $-0.160 (4.00\%)$, $0.080 (2.00\%)$

Superelevation: $0.160 (4.00\%)$, $0.080 (2.00\%)$

TITLE : PROFILE
NATIONAL ROAD No. 5 (1)
STA. 1+420 - STA. 1+940

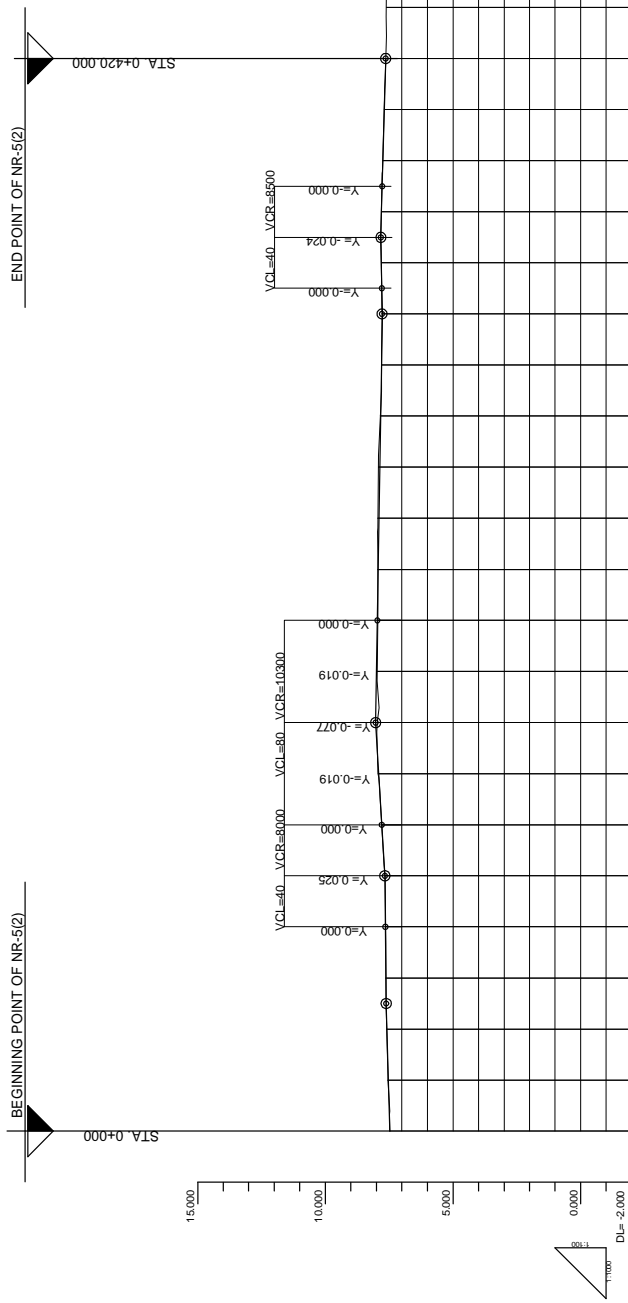
SCALE
H = 1/2000, V = 1/200

JAPAN INTERNATIONAL COOPERATION AGENCY
KATAHIRA & ENGINEERS INTERNATIONAL

THE PROJECT FOR FLOOD
DISASTER REHABILITATION AND
MITIGATION
IN THE KINGDOM OF CAMBODIA

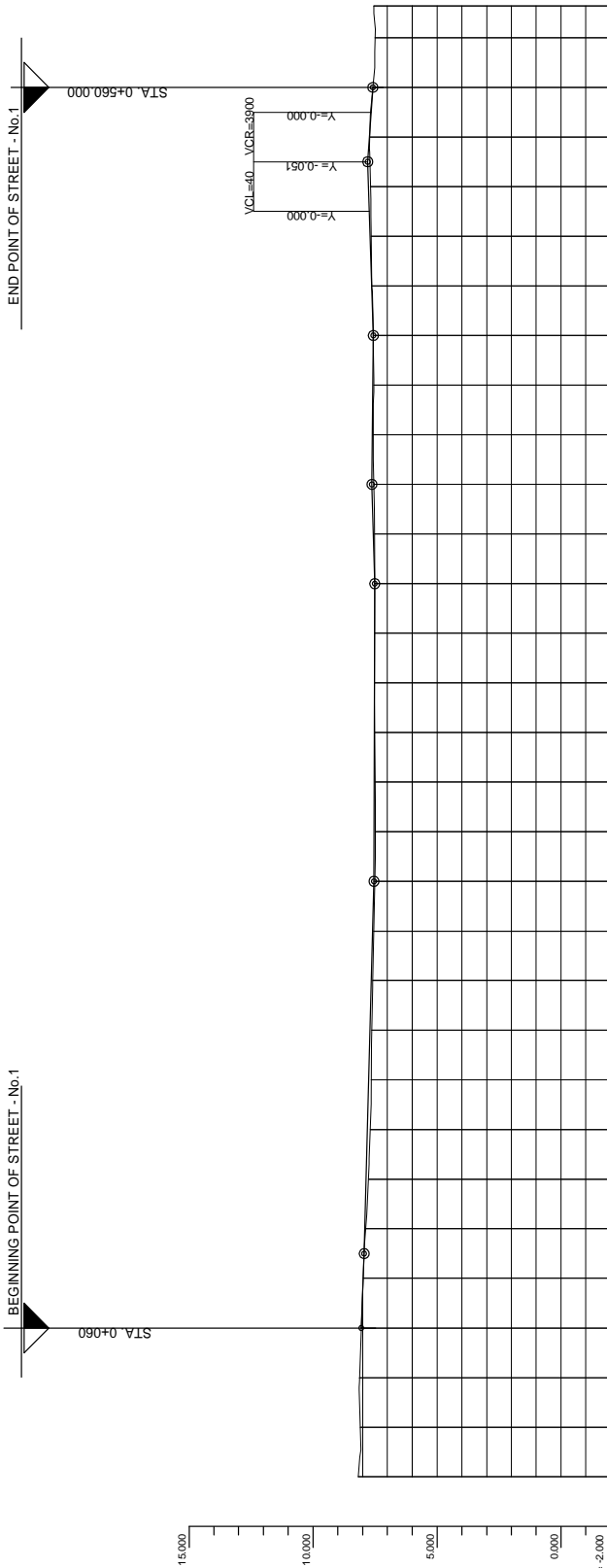
MINISTRY OF
PUBLIC WORKS AND TRANSPORT
(MPWT)

Drawing No. PR-03
Sheet No. XX



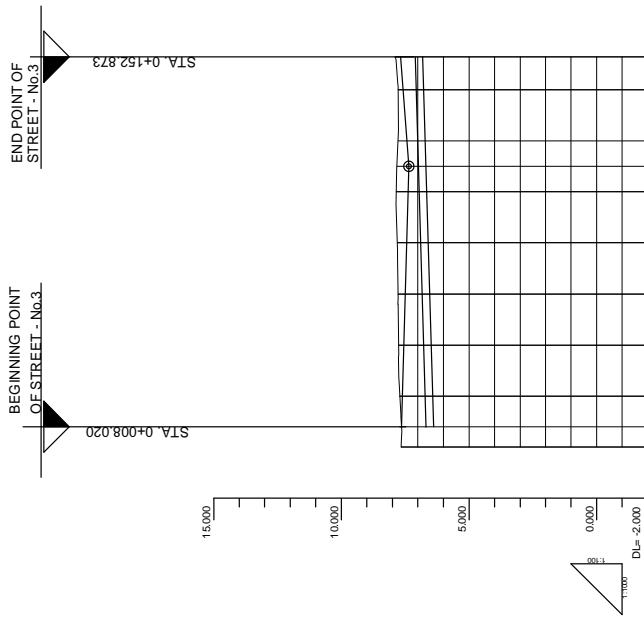
Vertical Alignment	7.47	7.53	7.59	7.62	7.63	7.64	7.65	7.67	7.69	7.67	7.79	7.89	7.95	7.96	7.96	7.98	7.97	7.94	7.94	7.90	7.87	7.83	7.80	7.80	7.78	7.76	7.80	7.80	7.80	7.80	7.79	7.80	7.80	7.75	7.69	7.69	7.63	7.61	7.59
Finish Grade	7.47	7.53	7.59	7.62	7.63	7.64	7.65	7.67	7.69	7.67	7.79	7.89	7.95	7.96	7.96	7.98	7.97	7.94	7.94	7.90	7.87	7.83	7.80	7.80	7.78	7.76	7.80	7.80	7.80	7.80	7.79	7.80	7.80	7.75	7.69	7.69	7.63	7.61	7.59
Ground Level	7.47	7.53	7.59	7.62	7.63	7.64	7.65	7.67	7.69	7.67	7.79	7.89	7.95	7.96	7.96	7.98	7.97	7.94	7.94	7.90	7.87	7.83	7.80	7.80	7.78	7.76	7.80	7.80	7.80	7.80	7.79	7.80	7.80	7.75	7.69	7.69	7.63	7.61	7.59
Station	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															
Horizontal Alignment	Reverse L=20,000m																																						
Superelevation	0.080 (2.00%)																																						

MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)	THE PROJECT FOR FLOOD DISASTER REHABILITATION AND MITIGATION IN THE KINGDOM OF CAMBODIA	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE : PROFILE NATIONAL ROAD No. 5 (2)	SCALE H = 1/2000, V = 1/200	Drawing No.	PR-04
					Sheet No.	XX

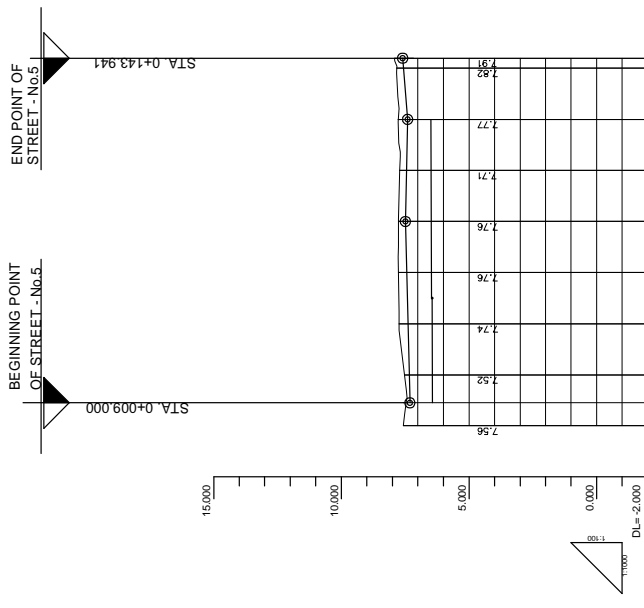


Vertical Alignment	Finish Grade	Ground Level	Station	Horizontal Alignment	Superelevation
8.05	8.05	8.05	0+000		
7.945	7.97	7.98	0+080		
7.945	7.87	7.87	0+100		
	7.76	7.76	0+120		
	7.80	7.80	0+140		
	7.65	7.65	0+160		
	7.75	7.70	0+180		
	7.63	7.63	0+200		
	7.64	7.59	0+220		
	7.54	7.55	0+240		
	7.53	7.49	0+260		
	7.49	7.49	0+280		
	7.52	7.52	0+300		
	7.52	7.51	0+320		
	7.51	7.52	0+340		
	7.51	7.50	0+360		
	7.56	7.51	0+380		
	7.62	7.54	0+400		
	7.56	7.56	0+420		
	7.54	7.54	0+440		
	7.57	7.56	0+460		
	7.56	7.63	0+480		
	7.65	7.65	0+500		
	7.68	7.68	0+520		
	7.74	7.71	0+540		
	7.58	7.58	0+560		
	7.49	7.49	0+580		
	7.53	7.53	0+592.795		

MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)	THE PROJECT FOR FLOOD DISASTER REHABILITATION AND MITIGATION IN THE KINGDOM OF CAMBODIA	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE : PROFILE STREET No. 1	SCALE H = 1/2000, V = 1/200	Drawing No.	PR-05
					Sheet No.	XX

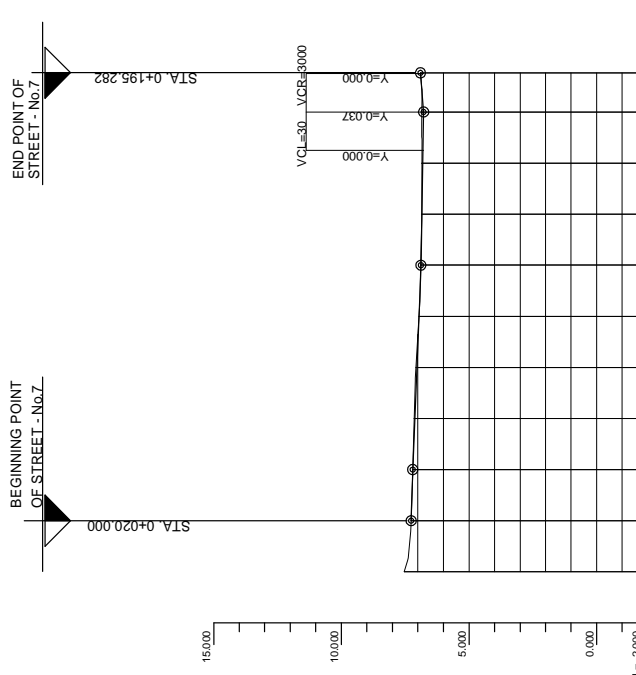


Vertical Alignment	7.64	7.61	7.55	7.49	7.44	7.38	7.35	7.42	7.57	7.67
Finish Grade	7.64	7.61	7.55	7.49	7.44	7.38	7.35	7.42	7.57	7.67
Ground Level	7.65	7.71	7.75	7.77	7.80	7.84	7.86	7.77	7.76	7.90
Station	0+000	0+020	0+040	0+060	0+080	0+100	0+110	0+120	0+140	0+152.873
Horizontal Alignment										
Superelevation										

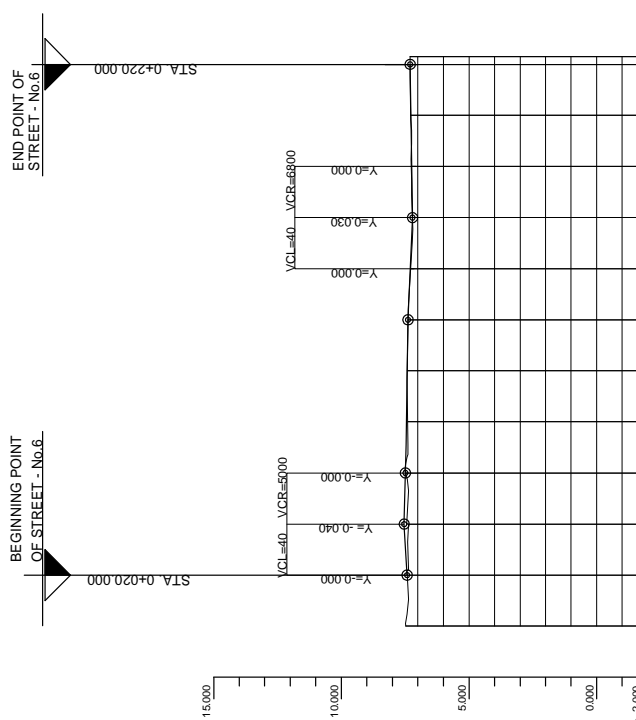


Vertical Alignment	7.31	7.34	7.39	7.44	7.49	7.45	7.40	7.57	7.60
Finish Grade	7.31	7.34	7.39	7.44	7.49	7.45	7.40	7.57	7.60
Ground Level	7.52	7.52	7.74	7.76	7.76	7.71	7.77	7.82	7.91
Station	0+000	0+009	0+020	0+040	0+080	0+100	0+120	0+140	0+143.941
Horizontal Alignment									
Superelevation									

MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)	THE PROJECT FOR FLOOD DISASTER REHABILITATION AND MITIGATION IN THE KINGDOM OF CAMBODIA	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE : PROFILE STREET No. 3, STREET No. 5	SCALE H = 1/2000, V = 1/200	Drawing No.	PR-07
					Sheet No.	XX

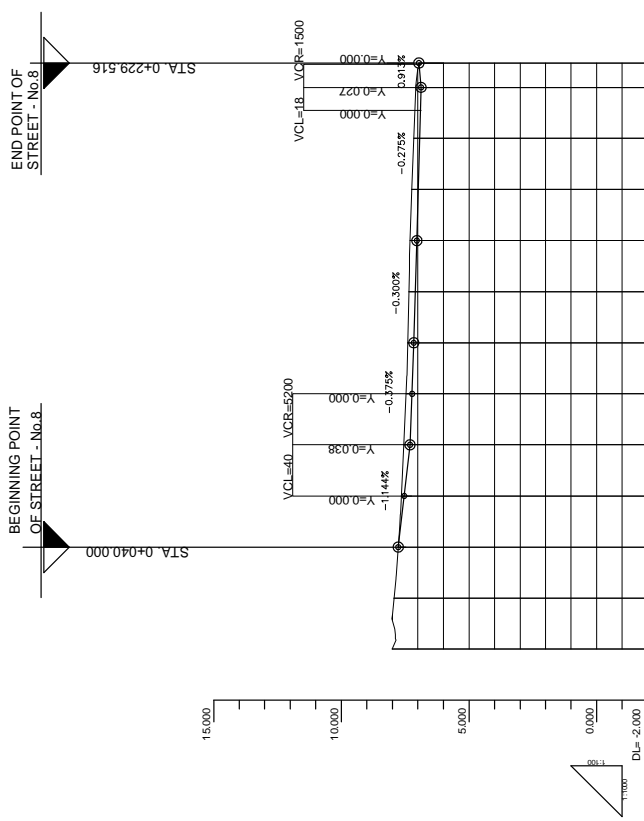


Vertical Alignment	7.26	7.20	7.12	7.04	6.96	6.88	6.84	6.81	6.77	6.90
Finish Grade	7.26	7.20	7.12	7.04	6.96	6.88	6.84	6.81	6.77	6.90
Ground Level	7.53	7.20	7.14	7.08	6.96	6.90	6.85	6.84	6.85	6.90
Station	0+000	0+020	0+060	0+080	0+100	0+120	0+140	0+160	0+180	0+195.282
Horizontal Alignment	R=200.000m									
Superelevation	0.980 (2.00%)									



Vertical Alignment	7.42	7.38	7.27	7.23	7.20	7.38	7.41	7.44	7.49	7.30
Finish Grade	7.42	7.38	7.27	7.23	7.20	7.38	7.41	7.44	7.49	7.30
Ground Level	7.42	7.38	7.28	7.22	7.23	7.26	7.41	7.40	7.49	7.30
Station	0+000	0+020	0+040	0+060	0+080	0+100	0+120	0+140	0+160	0+220.000
Horizontal Alignment	R=200.000m									
Superelevation	0.980 (2.00%)									

DRAWING No.	PR-08
	SHEET No.
TITLE :	PROFILE
	STREET No. 6, STREET No. 7
JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	SCALE
	H = 1/2000, V = 1/200
MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)	THE PROJECT FOR FLOOD DISASTER REHABILITATION AND MITIGATION IN THE KINGDOM OF CAMBODIA

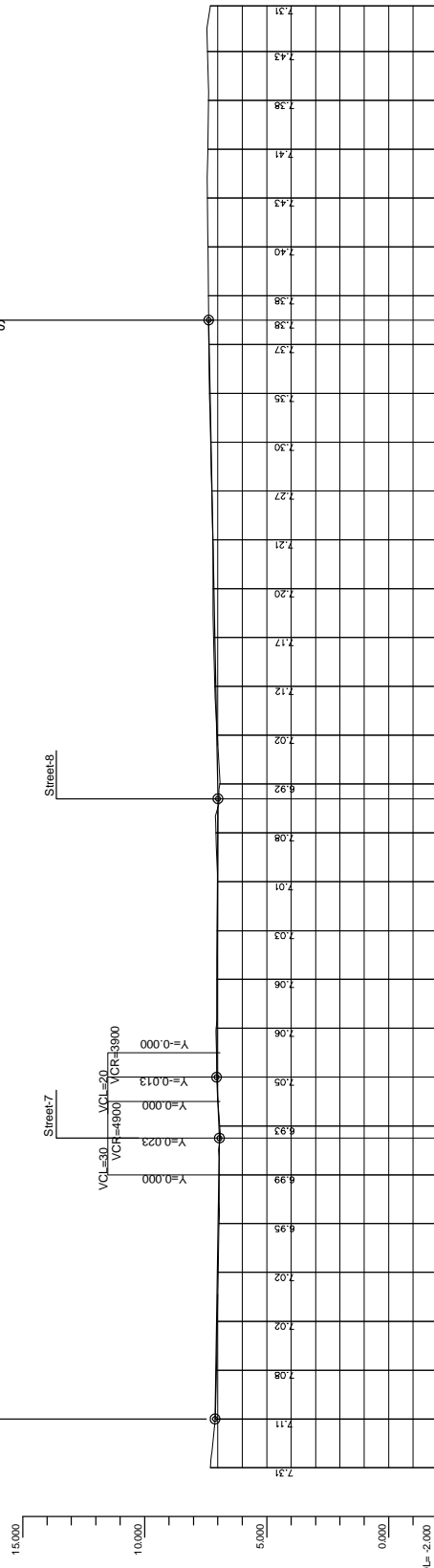


Vertical Alignment	7.17	7.54	7.35	7.24	7.16	7.10	7.04	7.04	6.99	6.99	6.93	6.88	6.96
Finish Grade	7.17	7.54	7.35	7.24	7.16	7.10	7.04	7.04	6.99	6.99	6.93	6.88	6.96
Ground Level	7.93	7.64	7.55	7.46	7.40	7.36	7.31	7.24	7.24	7.16	7.16	7.07	7.07
Station	0+000	0+020	0+040	0+060	0+080	0+100	0+120	0+140	0+160	0+180	0+200	0+220	0+229.516
Horizontal Alignment	R _{min} L=188.516m												
Superelevation	0.080 (2.03%)												

MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)	THE PROJECT FOR FLOOD DISASTER REHABILITATION AND MITIGATION IN THE KINGDOM OF CAMBODIA	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE : PROFILE STREET No.8	SCALE H = 1/2000, V = 1/200	Drawing No.	PR-09
					Sheet No.	XX

END POINT OF STREET - No.10
STA. 0+470.000

BEGINNING POINT OF STREET - No.10
STA. 0+2020.000

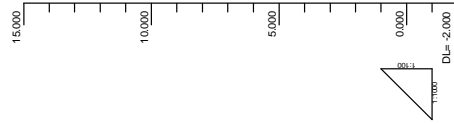
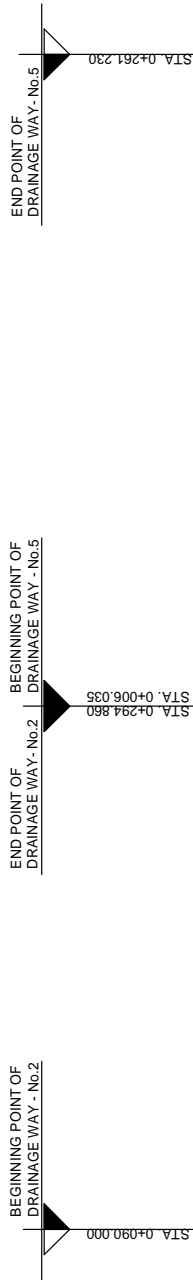


Vertical Alignment	Finish Grade	Ground Level	Station	Horizontal Alignment	Superelevation
7.11	7.11	7.11	0+000		
7.08	7.08	7.08	0+040		
7.05	7.05	7.05	0+080		
7.02	7.02	6.99	0+100		
6.98	6.98	6.98	0+120		
6.95	6.95	6.94	0+140		
6.93	6.93	6.93	0+160		
6.93	6.93	6.93	0+180		
7.04	7.04	7.04	0+200		
7.03	7.03	7.03	0+220		
7.02	7.02	7.01	0+240		
7.01	7.01	7.00	0+260		
6.99	6.99	6.92	0+274		
6.99	6.99	6.93	0+280		
7.02	7.02	7.00	0+300		
7.04	7.04	7.02	0+320		
7.08	7.12	7.12	0+340		
7.12	7.17	7.17	0+360		
7.16	7.20	7.20	0+380		
7.19	7.21	7.21	0+400		
7.23	7.25	7.25	0+420		
7.27	7.30	7.30	0+440		
7.31	7.33	7.33	0+460		
7.35	7.37	7.37	0+480		
7.37	7.37	7.37	0+500		
7.37	7.37	7.37	0+520		
7.43	7.43	7.43	0+540		
7.38	7.38	7.38	0+560		
7.43	7.43	7.43	0+580		
7.31	7.31	7.31	0+598.510		

R=450.000m

0.050(2.0%)

MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)	THE PROJECT FOR FLOOD DISASTER REHABILITATION AND MITIGATION IN THE KINGDOM OF CAMBODIA	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE : PROFILE STREET No.10	SCALE H = 1/2000, V = 1/200	Drawing No.	PR-10
					Sheet No.	XX



Vertical Alignment	
Finish Grade	
Ground Level	<p>3.610</p> <p>3.61 3.67 3.73 3.79 3.85 3.91 3.97 4.03 4.09 4.15 4.21 4.27 4.33 4.38 4.42 4.48 4.54 4.60 4.66 4.69 4.72 4.78 4.84 4.90 4.96 4.99</p> <p>3.973</p> <p>4.375</p> <p>4.69</p> <p>4.99</p>
Station	<p>0+000 7.83 0+020 7.92 0+040 7.69 0+060 7.38 0+080 7.19 0+100 6.93 0+120 6.66 0+140 6.86 0+160 6.83 0+180 6.72 0+190 4.69 0+200 6.71 0+220 6.69 0+240 6.64 0+260 6.57 0+280 6.75 0+294.860 4.38 0+006.035 4.33 0+040 6.37 0+060 6.32 0+080 6.31 0+100 6.42 0+120 6.48 0+140 6.43 0+160 6.48 0+180 6.45 0+200 6.53 0+220 6.51 0+240 6.47 0+260 6.15 0+280 6.04 3.610</p> <p>Vertical Curve Data:</p> <ul style="list-style-type: none"> Station 0+090.000 to 0+294.860: $E=-0.300\%$, $L=100.00m$ Station 0+006.035 to 0+261.230: $E=-0.300\%$, $L=104.19m$ Station 0+261.230 to 0+280: $E=-0.300\%$, $L=17.77m$
Horizontal Alignment	
Superelevation	

MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)	THE PROJECT FOR FLOOD DISASTER REHABILITATION AND MITIGATION IN THE KINGDOM OF CAMBODIA	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE : PROFILE DRAINAGE WAY No. 2, No. 5	SCALE H = 1/2000, V = 1/200	Drawing No.	PR-12
					Sheet No.	XX

BEGINNING POINT OF
DRAINAGE WAY - No.3

STA. 0+006

15,000
10,000
5,000
0,000
D_v = -2,000



6.70

$E = -0.339\%$

$E = -0.200\%$

6.12

$E = -0.339\%$
 $L = 495.00m$

$E = -0.300\%$
 $L = 790.00m$

Vertical
Alignment

Finish Grade

Ground Level

Station

Horizontal
Alignment

Superelevation

0+000	4.36	4.36	4.33	4.27	4.21	4.15	4.09	4.03	3.97	3.91	3.85	3.79	3.73	3.67	3.61	3.55	3.49	3.43	3.37	3.30	3.36	3.31	3.25	3.19	3.13	3.07	3.01	2.95	2.89	2.83	2.77	2.71	2.65	2.59	2.53	2.47	2.41	2.35	2.29
0+010	4.36	4.36	4.33	4.27	4.21	4.15	4.09	4.03	3.97	3.91	3.85	3.79	3.73	3.67	3.61	3.55	3.49	3.43	3.37	3.30	3.36	3.31	3.25	3.19	3.13	3.07	3.01	2.95	2.89	2.83	2.77	2.71	2.65	2.59	2.53	2.47	2.41	2.35	2.29
0+020	4.36	4.36	4.33	4.27	4.21	4.15	4.09	4.03	3.97	3.91	3.85	3.79	3.73	3.67	3.61	3.55	3.49	3.43	3.37	3.30	3.36	3.31	3.25	3.19	3.13	3.07	3.01	2.95	2.89	2.83	2.77	2.71	2.65	2.59	2.53	2.47	2.41	2.35	2.29
0+030	4.36	4.36	4.33	4.27	4.21	4.15	4.09	4.03	3.97	3.91	3.85	3.79	3.73	3.67	3.61	3.55	3.49	3.43	3.37	3.30	3.36	3.31	3.25	3.19	3.13	3.07	3.01	2.95	2.89	2.83	2.77	2.71	2.65	2.59	2.53	2.47	2.41	2.35	2.29
0+040	4.36	4.36	4.33	4.27	4.21	4.15	4.09	4.03	3.97	3.91	3.85	3.79	3.73	3.67	3.61	3.55	3.49	3.43	3.37	3.30	3.36	3.31	3.25	3.19	3.13	3.07	3.01	2.95	2.89	2.83	2.77	2.71	2.65	2.59	2.53	2.47	2.41	2.35	2.29
0+050	4.36	4.36	4.33	4.27	4.21	4.15	4.09	4.03	3.97	3.91	3.85	3.79	3.73	3.67	3.61	3.55	3.49	3.43	3.37	3.30	3.36	3.31	3.25	3.19	3.13	3.07	3.01	2.95	2.89	2.83	2.77	2.71	2.65	2.59	2.53	2.47	2.41	2.35	2.29
0+060	4.36	4.36	4.33	4.27	4.21	4.15	4.09	4.03	3.97	3.91	3.85	3.79	3.73	3.67	3.61	3.55	3.49	3.43	3.37	3.30	3.36	3.31	3.25	3.19	3.13	3.07	3.01	2.95	2.89	2.83	2.77	2.71	2.65	2.59	2.53	2.47	2.41	2.35	2.29
0+070	4.36	4.36	4.33	4.27	4.21	4.15	4.09	4.03	3.97	3.91	3.85	3.79	3.73	3.67	3.61	3.55	3.49	3.43	3.37	3.30	3.36	3.31	3.25	3.19	3.13	3.07	3.01	2.95	2.89	2.83	2.77	2.71	2.65	2.59	2.53	2.47	2.41	2.35	2.29

MINISTRY OF
PUBLIC WORKS AND TRANSPORT
(MPWT)

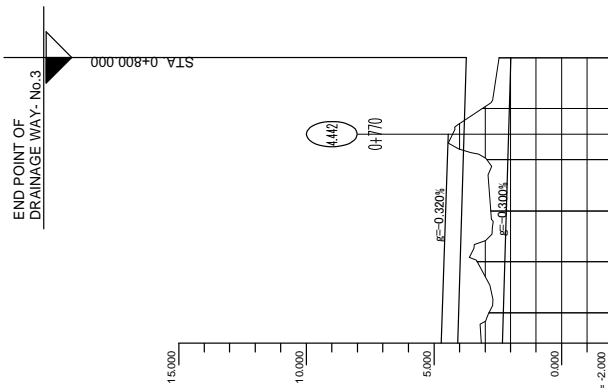
THE PROJECT FOR FLOOD
DISASTER REHABILITATION AND
MITIGATION
IN THE KINGDOM OF CAMBODIA

JAPAN INTERNATIONAL COOPERATION AGENCY
KATAHIRA & ENGINEERS INTERNATIONAL

TITLE : PROFILE
DRAINAGE WAY No. 3
STA. 0+000 - STA. 0+700

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

Drawing No. PR-13
Sheet No. XX



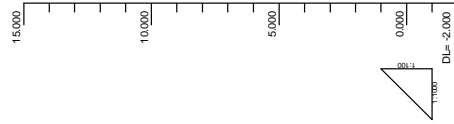
Vertical Alignment	4.44	4.48	4.54	4.61	4.68
Finish Grade	4.44	4.48	4.54	4.61	4.68
Ground Level	1.99	2.05	2.11	2.17	2.23
Station	0+700	0+720	0+740	0+760	0+780
Horizontal Alignment	2.85	3.31	2.78	2.93	3.11
Superelevation	2.29	2.23	2.17	2.11	2.05

MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)	THE PROJECT FOR FLOOD DISASTER REHABILITATION AND MITIGATION IN THE KINGDOM OF CAMBODIA	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE : PROFILE DRAINAGE WAY No. 3 STA.0+700 - STA.0+800	SCALE H = 1/2000, V = 1/200	Drawing No.	PR-14
					Sheet No.	XX

BEGINNING POINT OF DRAINAGE WAY - No.6

STA. 0+006

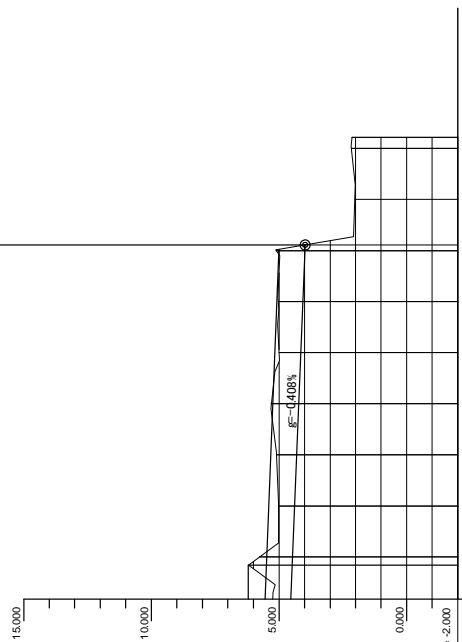
NR-5(2)



Vertical Alignment	Finish Grade	Ground Level	Station	Horizontal Alignment	Superelevation
6.20	6.20	9.12	0+000	10.33	
6.20	6.20	9.12	0+020	10.47	
6.20	6.20	9.12	0+040	9.36	
6.20	6.20	9.12	0+060	9.36	
6.20	6.20	9.12	0+080	9.46	
6.20	6.20	9.12	0+100	8.83	
6.20	6.20	9.12	0+120	8.96	
6.20	6.20	9.12	0+140	8.81	
6.20	6.20	9.12	0+160	9.47	
6.20	6.20	9.12	0+180	9.71	
6.20	6.20	9.12	0+200	9.97	
6.20	6.20	9.12	0+220	9.92	
6.20	6.20	9.12	0+240	8.09	
6.20	6.20	9.12	0+260	7.99	
6.20	6.20	9.12	0+280	8.86	
6.20	6.20	9.12	0+300	7.58	
6.20	6.20	9.12	0+320	8.24	
6.20	6.20	9.12	0+327	7.16	
6.20	6.20	9.12	0+340	7.54	
6.20	6.20	9.12	0+350	8.24	
6.20	6.20	9.12	0+360	7.06	
6.20	6.20	9.12	0+380	6.90	
6.20	6.20	9.12	0+400	6.84	
6.20	6.20	9.12	0+420	6.87	
6.20	6.20	9.12	0+440	6.76	
6.20	6.20	9.12	0+460	5.85	
6.20	6.20	9.12	0+480	5.79	
6.20	6.20	9.12	0+500	7.14	
6.20	6.20	9.12	0+504	6.25	
6.20	6.20	9.12	0+520	6.25	
6.20	6.20	9.12	0+540	6.10	
6.20	6.20	9.12	0+547.06	5.28	
6.20	6.20	9.12	0+560	5.75	
6.20	6.20	9.12	0+580	5.64	
6.20	6.20	9.12	0+600	5.61	
6.20	6.20	9.12	0+620	5.50	
6.20	6.20	9.12	0+640	5.44	
6.20	6.20	9.12	0+660	5.36	
6.20	6.20	9.12	0+680	5.26	
6.20	6.20	9.12	0+698.82	5.76	
6.20	6.20	9.12	0+700	4.47	

MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)	THE PROJECT FOR FLOOD DISASTER REHABILITATION AND MITIGATION IN THE KINGDOM OF CAMBODIA	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE :	PROFILE DRAINAGE WAY No. 6 STA. 0+000 - STA. 0+700	SCALE	H = 1/2000, V = 1/200	Drawing No.	PR-15
			Sheet No.	XX				

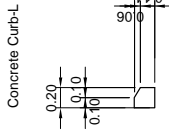
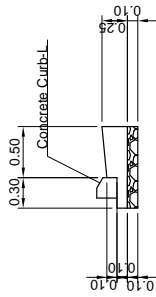
END POINT OF
DRAINAGE WAY - No.6
STA. 0+822.200



Vertical Alignment	6.20
Finish Grade	6.20
Ground Level	7.64
Station	4.47, 4.39, 4.31, 4.23, 4.15, 4.07, 3.98, 5.11, 5.03, 4.99, 5.11, 5.03, 2.03, 2.17
Horizontal Alignment	0+700, 0+720, 0+740, 0+760, 0+780, 0+800, 0+820, 0+840, 0+860
Superelevation	0+698.82, 0+700, 0+720, 0+740, 0+760, 0+780, 0+800, 0+820, 0+840, 0+860

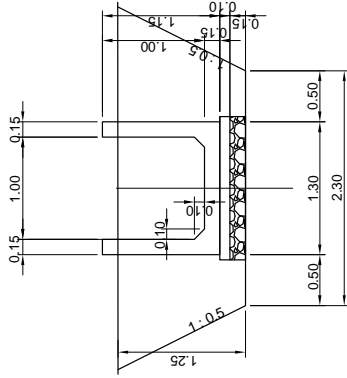
MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)	THE PROJECT FOR FLOOD DISASTER REHABILITATION AND MITIGATION IN THE KINGDOM OF CAMBODIA	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE : PROFILE DRAINAGE WAY No. 6 STA. 0+700 - STA. 0+822.200	SCALE H = 1/2000, V = 1/200	Drawing No.	PR-16
					Sheet No.	XX

CG(H200)



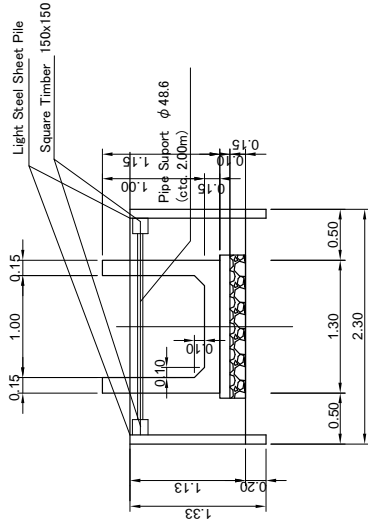
Ww-U(R)1000x1000

Av. Excavation Depth
1.25m

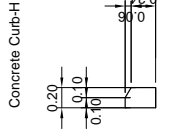
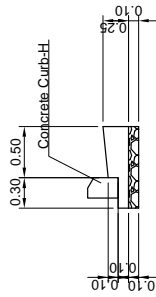


Ww-U(R)S1000x1000

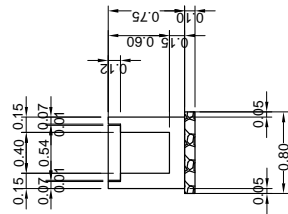
Av. Excavation Depth
1.33m



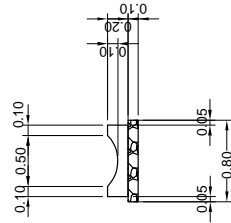
CG(H300)



UD(C)-400x600



RG-500x100



MINISTRY OF
PUBLIC WORKS AND TRANSPORT
(MPWT)

THE PROJECT FOR FLOOD
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IN THE KINGDOM OF CAMBODIA

JAPAN INTERNATIONAL COOPERATION AGENCY
KATAHIRA & ENGINEERS INTERNATIONAL

TITLE : KERB STONE and
DRAINAGE STRUCTURE (1)
LINE DITCH

SCALE
1/50

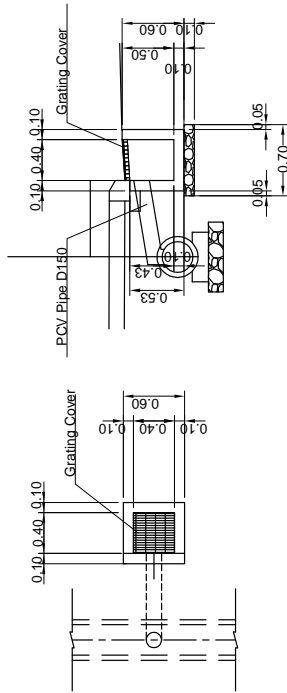
Drawing No.

Sheet No.

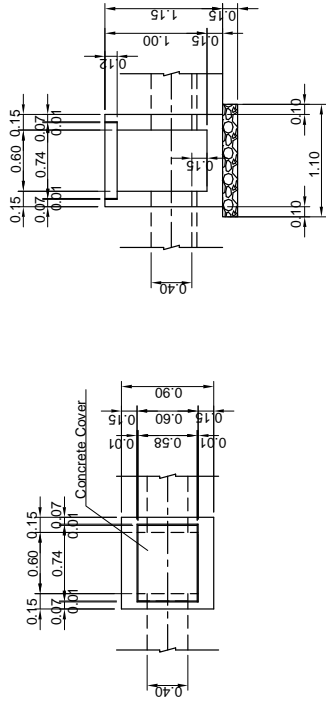
DR-1

xx

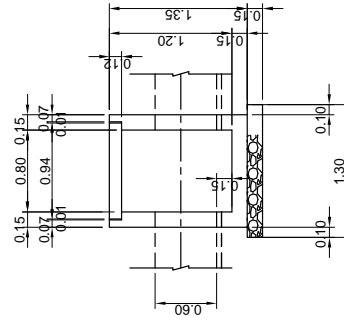
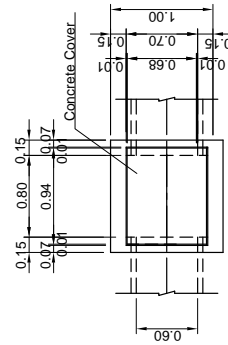
CB(G)400x400x500



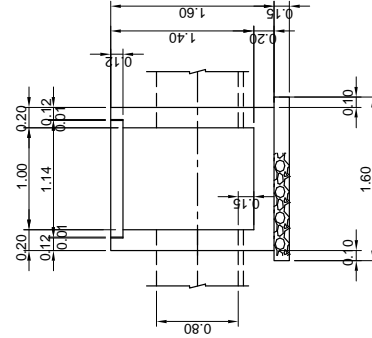
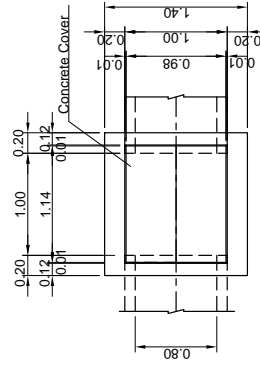
CB(C)600x600x1000



CB(C)800x800x1200

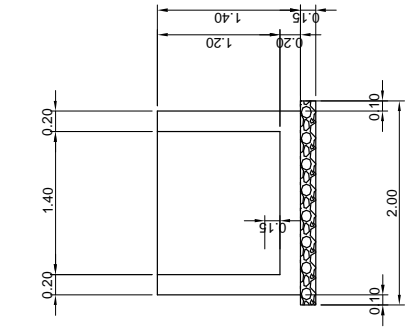


CB(C)1000x1000x1400

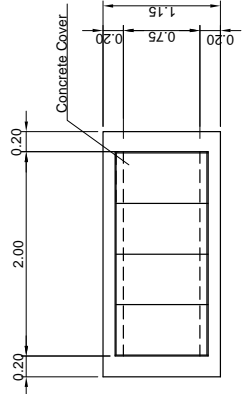
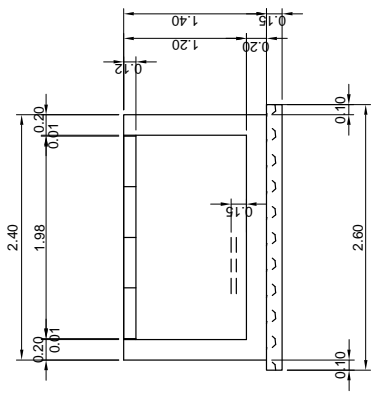
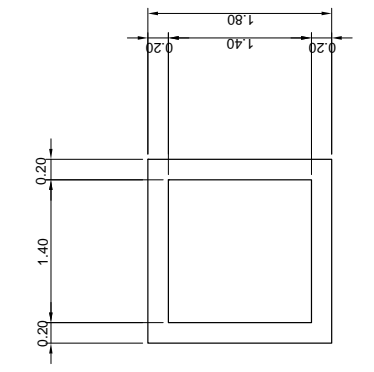


MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)	THE PROJECT FOR FLOOD DISASTER REHABILITATION AND MITIGATION IN THE KINGDOM OF CAMBODIA	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE : DRAINAGE STRUCTURE (2) CATCH BASIN	SCALE 1/50	Drawing No.	DR-2
					Sheet No.	106

CB(C)1400x1400x1200

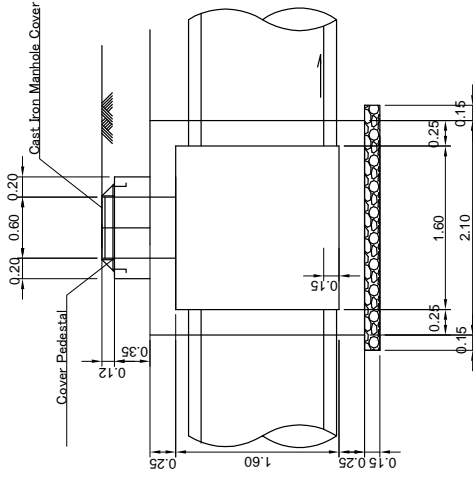
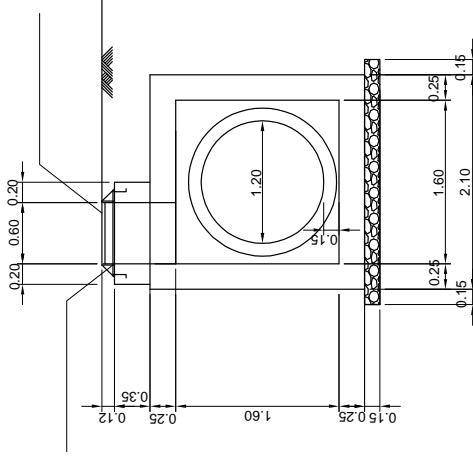
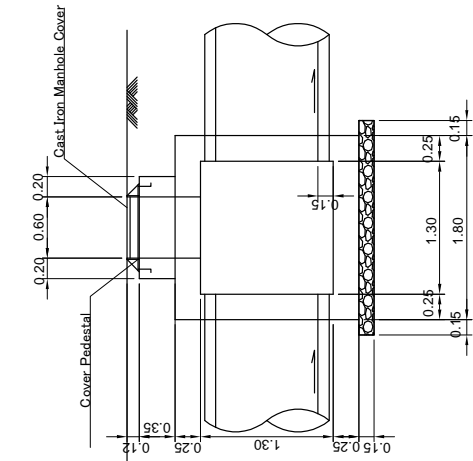
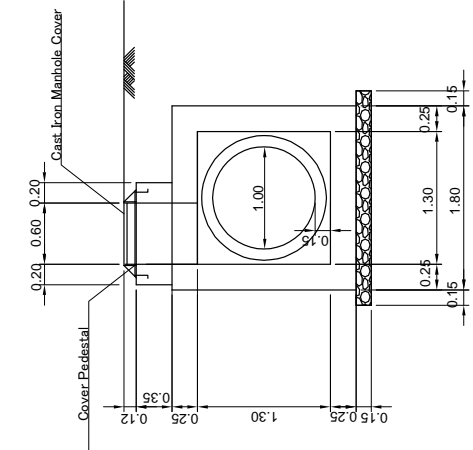


CB(C)2000x750x1200

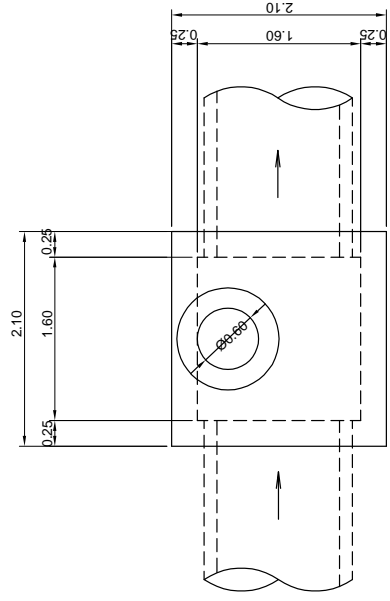
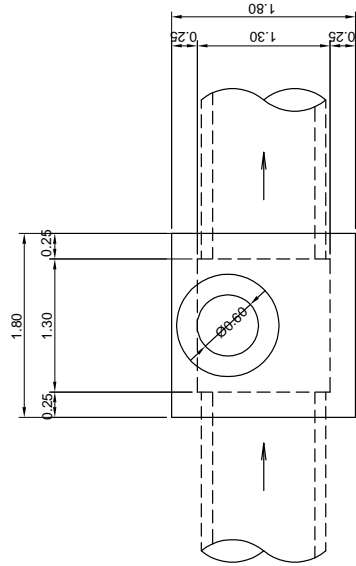


MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)	THE PROJECT FOR FLOOD DISASTER REHABILITATION AND MITIGATION IN THE KINGDOM OF CAMBODIA	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE : DRAINAGE STRUCTURE (3) CATCH BASIN	SCALE	Drawing No.	DR-3
				1/50	Sheet No.	xx

MH(M)1300x1300x1900

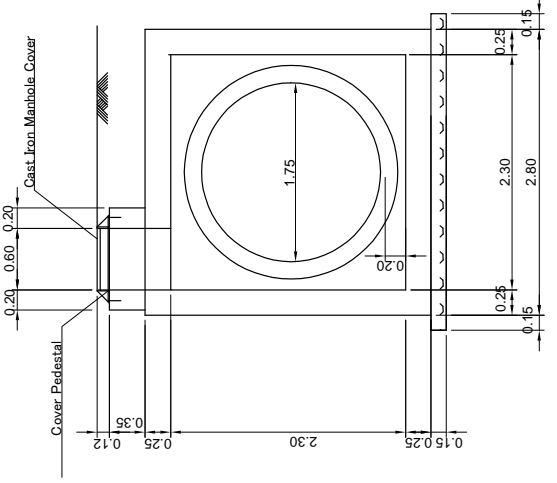
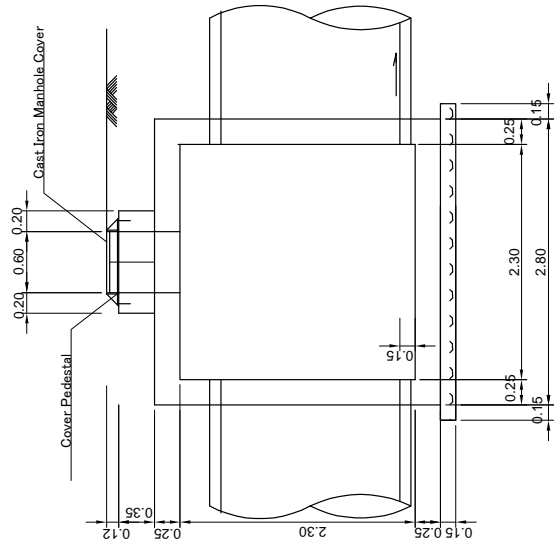
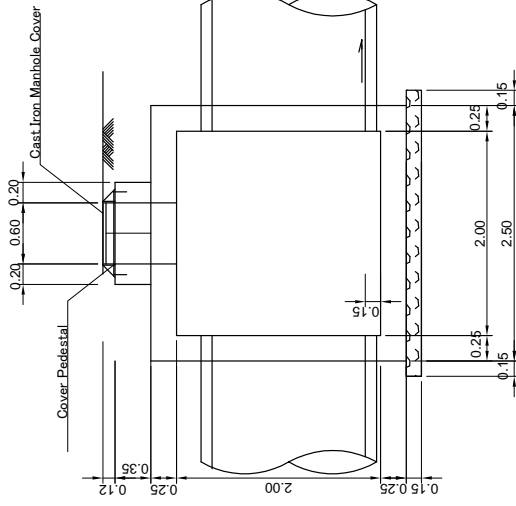
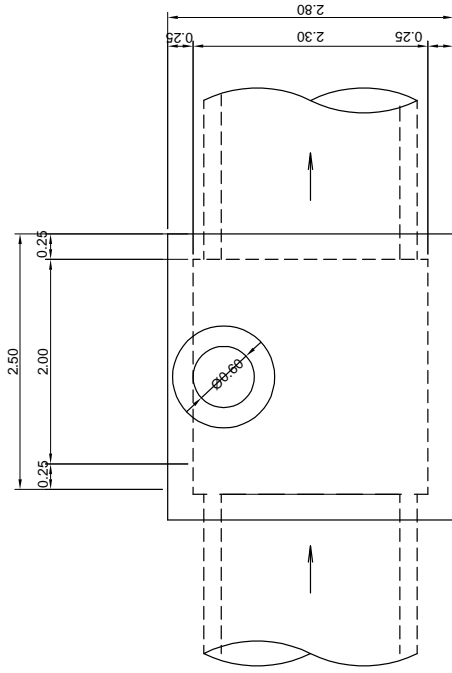


MH(M)1600x1600x2200

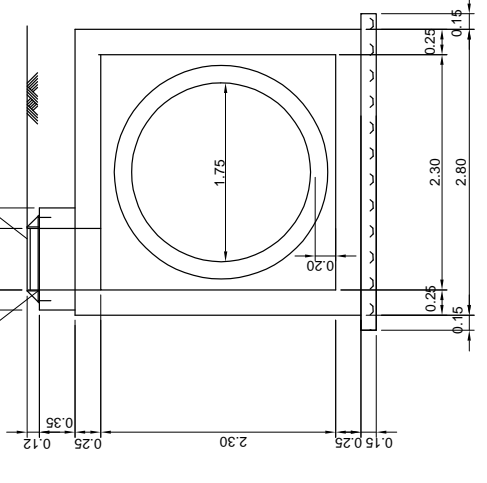
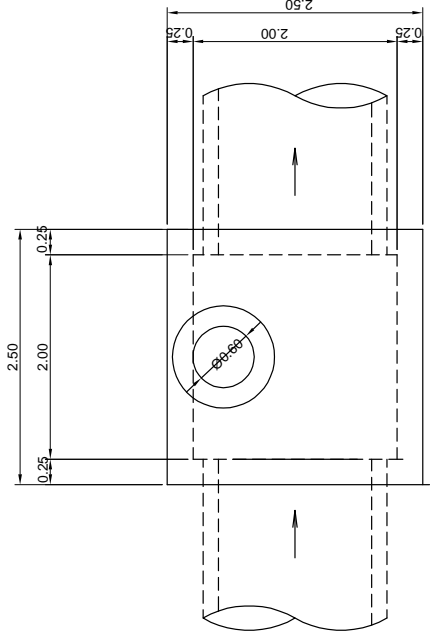
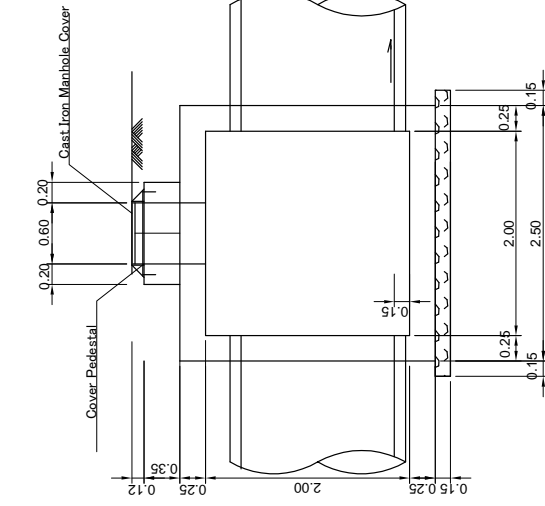
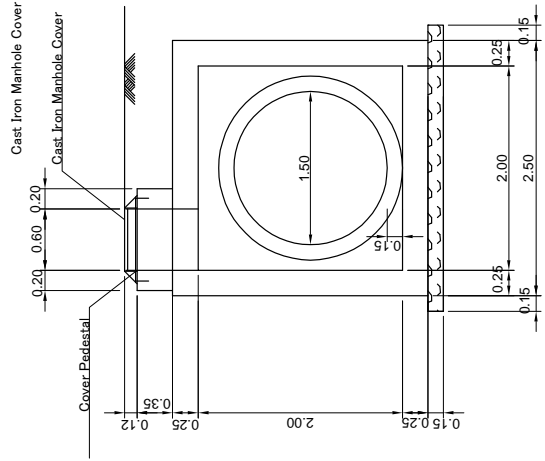


MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)	THE PROJECT FOR FLOOD DISASTER REHABILITATION AND MITIGATION IN THE KINGDOM OF CAMBODIA	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE : DRAINAGE STRUCTURE (4) MANHOLE	SCALE	Drawing No.	DR-4
				1/50	Sheet No.	xx

MH(M)2300x2300x2900



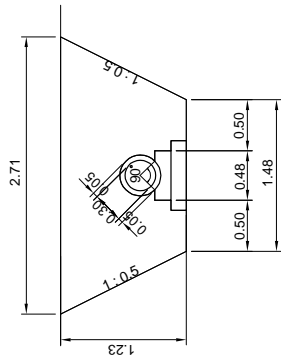
MH(M)2000x2000x2600



MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)	THE PROJECT FOR FLOOD DISASTER REHABILITATION AND MITIGATION IN THE KINGDOM OF CAMBODIA	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE : DRAINAGE STRUCTURE (5) MANHOLE	SCALE	DR-5
				1/50	Sheet No. xx

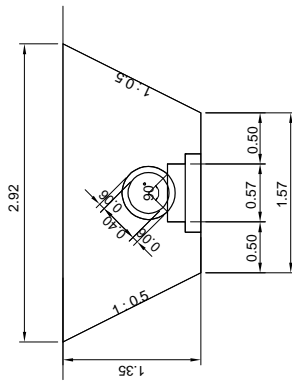
CP-D300(90)

Average Excavation Depth
1.23m



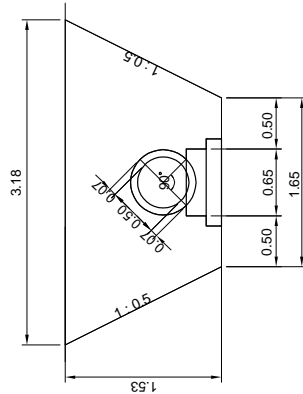
CP-D400(90)

Average Excavation Depth
1.35m



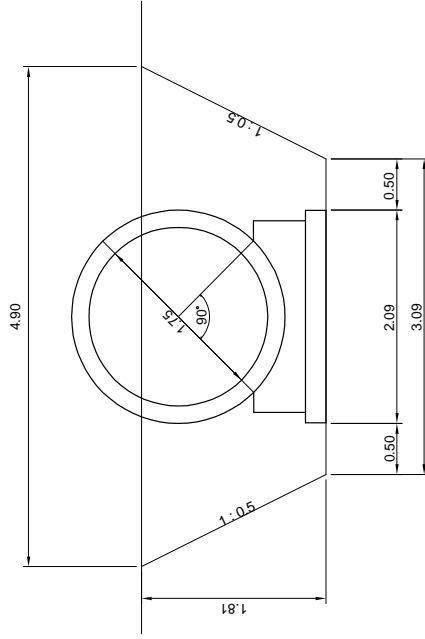
CP-D500(90)

Average Excavation Depth
1.53m



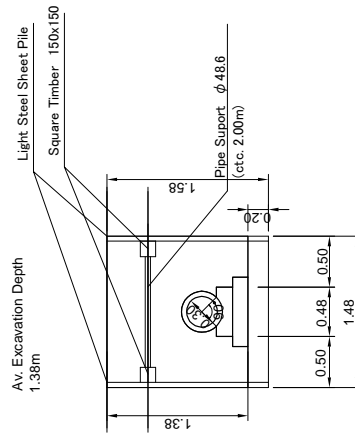
CP-D1750(90)

Average Excavation Depth
1.81m



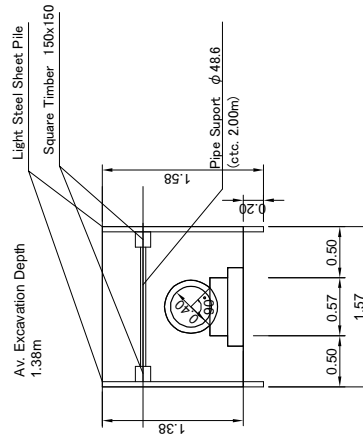
CP-D300(90)S

Average Excavation Depth
1.38m



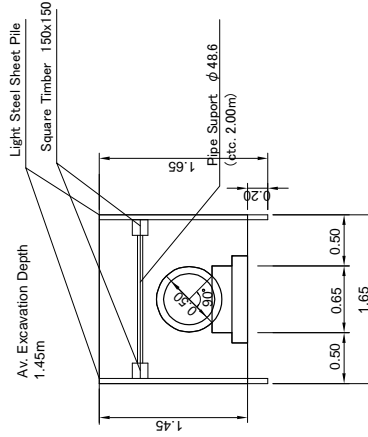
CP-D400(90)S

Average Excavation Depth
1.38m



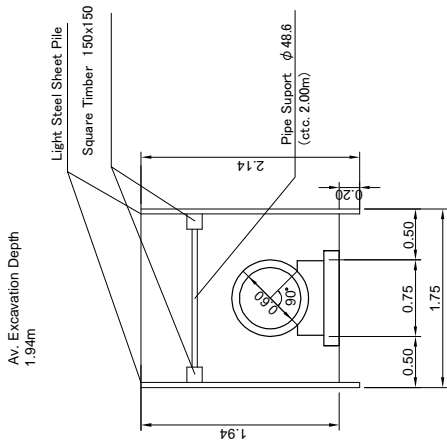
CP-D500(90)S

Average Excavation Depth
1.45m

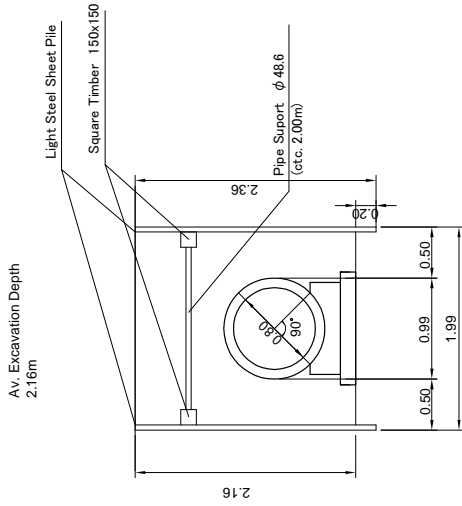


MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)	THE PROJECT FOR FLOOD DISASTER REHABILITATION AND MITIGATION IN THE KINGDOM OF CAMBODIA	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE : DRAINAGE STRUCTURE (6) CONCRETE PIPE	SCALE	Drawing No.	DR-6
				1/50	Sheet No.	xx

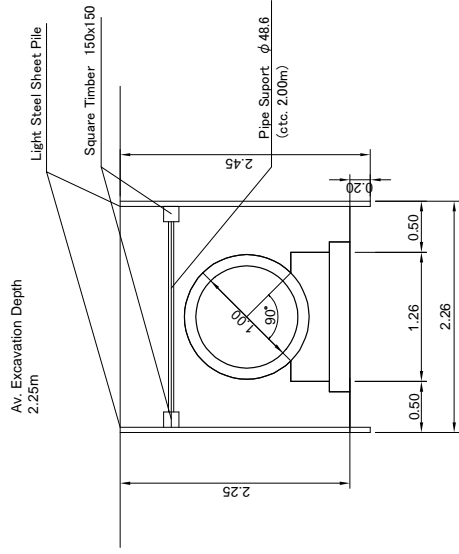
CP-D600(90)S



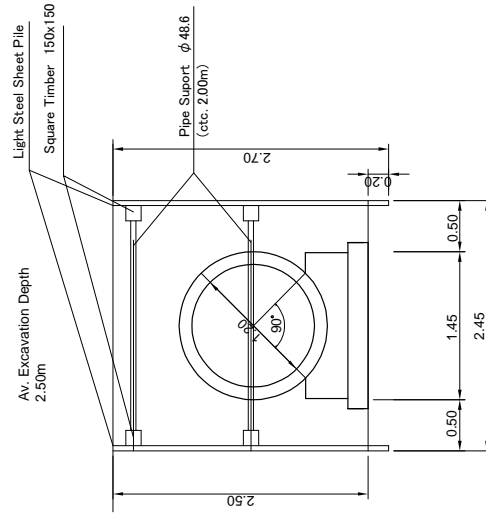
CP-D800(90)S



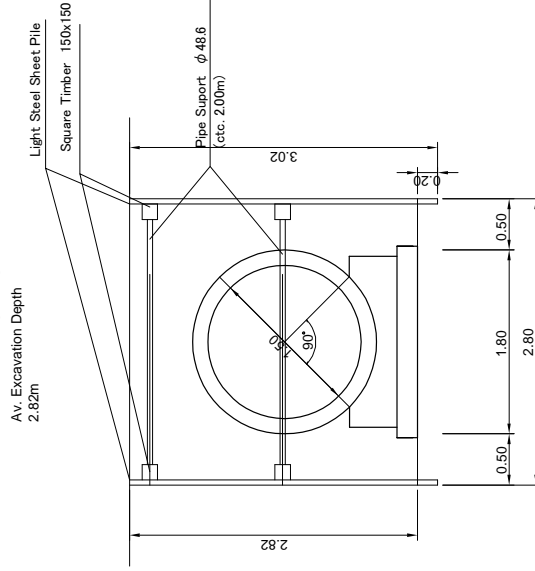
CP-D1000(90)S



CP-D1200(90)S



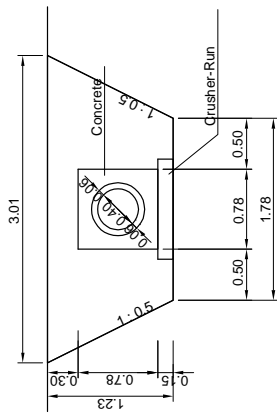
CP-D1500(90)S



MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)	THE PROJECT FOR FLOOD DISASTER REHABILITATION AND MITIGATION IN THE KINGDOM OF CAMBODIA	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE : DRAINAGE STRUCTURE (7) CONCRETE PIPE	SCALE 1/50	Drawing No.	DR-7
					Sheet No.	xx

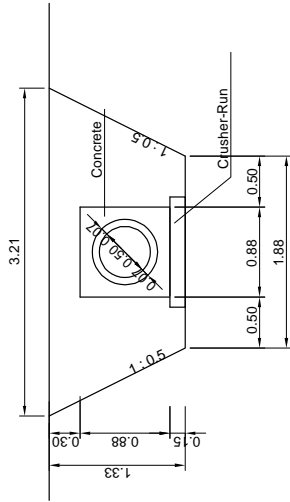
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Average Excavation Depth
1.23m



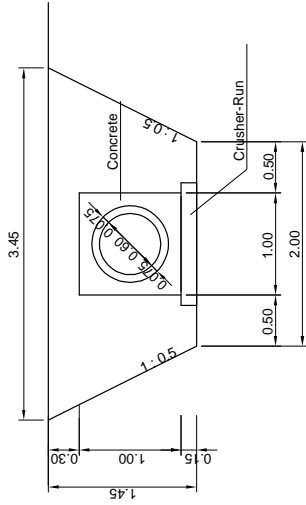
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Average Excavation Depth
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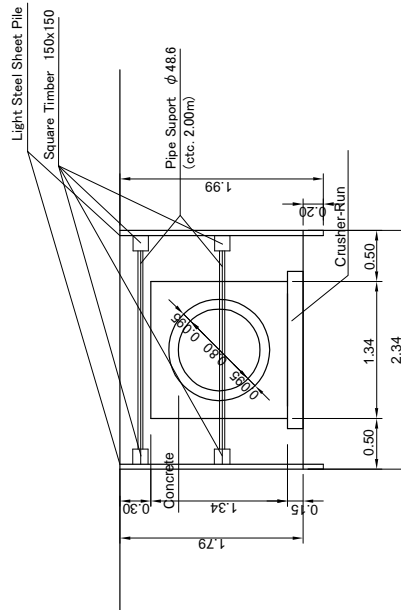
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Average Excavation Depth
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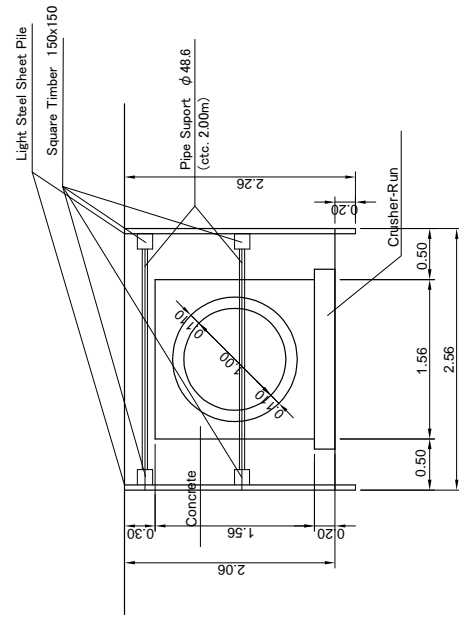
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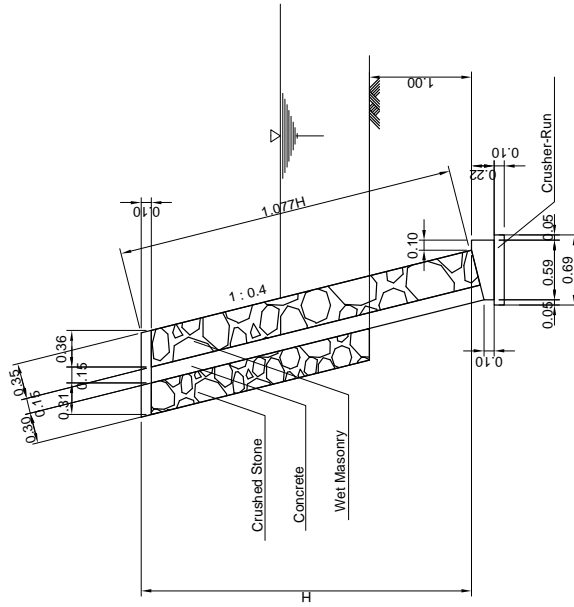
CP-D1000(360)S

Average Excavation Depth
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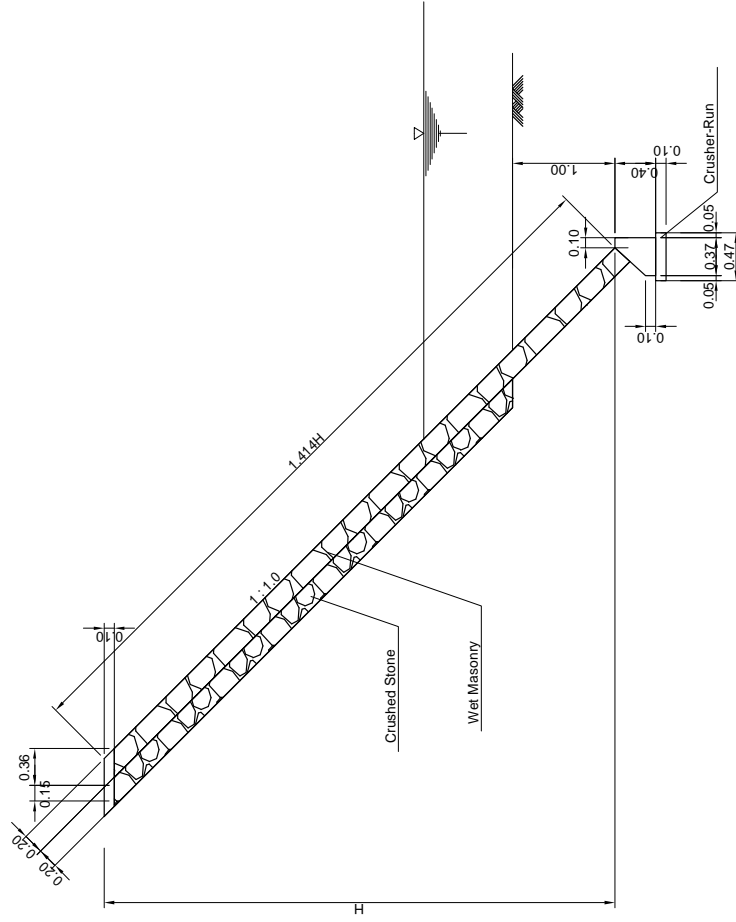


MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)	THE PROJECT FOR FLOOD DISASTER REHABILITATION AND MITIGATION IN THE KINGDOM OF CAMBODIA	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE : DRAINAGE STRUCTURE (8) CONCRETE PIPE	SCALE	DR-8
				1/50	Sheet No. xx

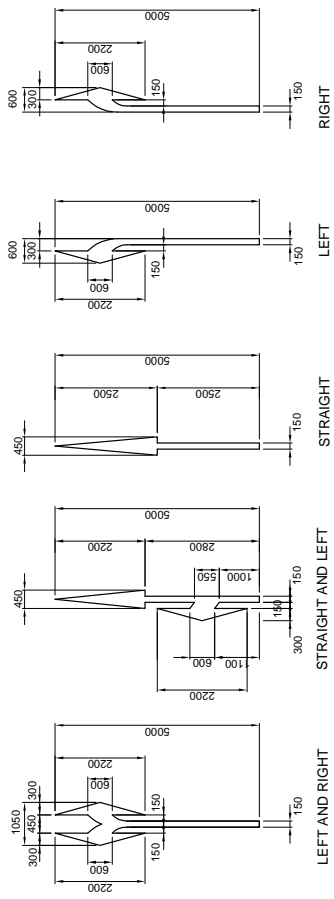
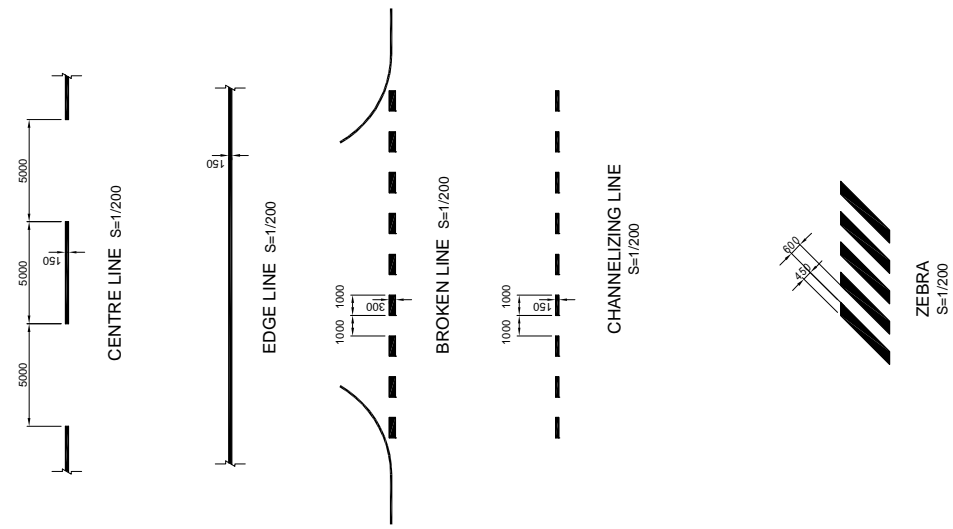
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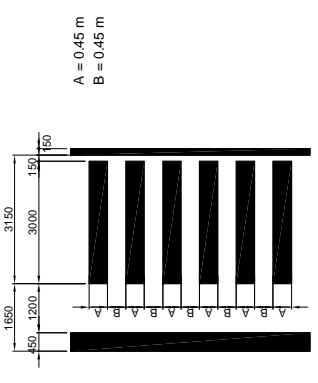
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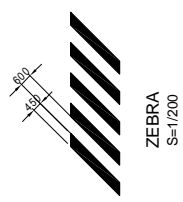
MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)	THE PROJECT FOR FLOOD DISASTER REHABILITATION AND MITIGATION IN THE KINGDOM OF CAMBODIA	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE : SLOPE PROTECTION	SCALE 1/50	Drawing No.	SM-01
					Sheet No.	xx



DIRECTIONAL ARROWS S=1/100



STOP LINE/CROSS WALK/BICYCLE LANE
S=1/100



MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)	THE PROJECT FOR FLOOD DISASTER REHABILITATION AND MITIGATION IN THE KINGDOM OF CAMBODIA	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE : ROAD MARKING	SCALE	Drawing No.	RM-1
				AS SHOWN	Sheet No.	106

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TITLE : INDEX OF DRAWINGS			Drawing No. 0-1
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MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)	THE PROJECT FOR FLOOD DISASTER REHABILITATION AND MITIGATION IN THE KINGDOM OF CAMBODIA	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE : INDEX OF DRAWINGS	SCALE AS SHOWN	Drawing No. 0-1 Sheet No. 02
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GENERAL NOTES FOR BRIDGES

A. DESIGN CRITERIA

1. CODES AND SPECIFICATIONS

THE DESIGN STANDARDS FOR THE STRUCTURES ARE :

- STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO), 17TH EDITION 2002.

2. UNIT WT. OF MATERIALS

	UNIT WEIGHT
A. REINFORCED CONCRETE	25.00 kN/m ³
B. PLAIN CONCRETE	24.00 kN/m ³
C. ASPHALT WEARING COARSE	22.00 kN/m ³
D. STEEL	77.00 kN/m ³
E. COMPACTED SAND, EARTH OR GRAVEL	19.00 kN/m ³
F. SATURATED EARTH OR WATER	9.81 kN/m ³
G. OTHERS	AS INDICATED

B. MATERIALS

1. CONCRETE

a). UNLESS OTHERWISE INDICATED ON PLANS, THE CONCRETE CLASS / 28-DAY COMPRESSIVE STRENGTH SHALL BE AS FOLLOWS:

STRUCTURAL MEMBER	CLASS	28-DAY COMPRESSIVE STRENGTH MPa	MAX. AGG. SIZE	SLUMP
FLAT SLAB	A	32	25	8-12
APPROACH SLAB	C	32	15	8-12
SIDEWALKS, RAILING POST	D	18	25	8-12
CONCRETE BASE LEAN CONCRETE	E	32	20	8-12

CONCRETE COVER OF REINFORCEMENT

MINIMUM CLEAR COVER FOR REINFORCEMENT	
SLAB	50 mm
ABUTMENT & PIER	75 mm
RC PILES	50 mm
RAILINGS, POST & SIDEWALK	40 mm

2. REINFORCING STEEL
- a) ALL REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO GR. 60, MINIMUM YIELD POINT 420 MPa.

BAR SIZE	BAR AREA mm ²	WT. (Kg/m)
10mm	78.5	0.617
12mm	113.1	0.888
16mm	201.1	1.58
19mm	284.5	2.276
22mm	380.1	2.984
25mm	490.9	3.853
29mm	662.9	5.185
32mm	804.2	6.313

- b) UNLESS OTHERWISE INDICATED IN THE PLANS, THE MINIMUM DEVELOPMENT LENGTH,

BAR SIZE	MIN DEVELOPMENT LENGTH	MIN LAP SPICE
10mm	200mm	300mm
12mm	250mm	350mm
16mm	300mm	400mm
19mm	350mm	450mm
22mm	400mm	500mm
25mm	450mm	550mm
29mm	550mm	650mm
32mm	600mm	700mm

C. CONSTRUCTION

ALL WORKS SHALL COMPLY WITH THE TECHNICAL SPECIFICATIONS OF THIS CONTRACT.

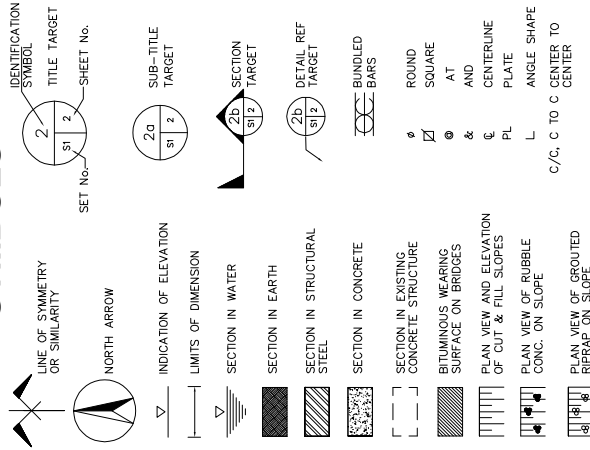
1. DIMENSIONS

- 1.1 SECTION, DIMENSIONS AND DISTANCES SHALL NOT BE SCALED OR CONSIDERED AS DIMENSIONS UNLESS OTHERWISE SPECIFIED.
- 1.2 ALL DIMENSIONS SHOWN ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
- 1.3 ALL STATIONING ARE IN KILOMETER PLUS METER AND ELEVATION IN METER.

2. REINFORCED CONCRETE

- a. ALL EXPOSED EDGES SHALL BE CHAMFERED 25mm EXCEPT RAILINGS WHICH SHALL BE CHAMFERED AND FILLETED 15mm.
- b. FOR CONCRETE DEPOSITED AGAINST THE GROUND, LEAN CONCRETE WITH A MINIMUM THICKNESS OF 50mm SHALL LAID FIRST BEFORE INSTALLING THE REINFORCEMENT. THIS LEAN CONCRETE SHALL NOT BE CONSIDERED IN MEASURING THE STRUCTURAL DEPTH OF CONCRETE SECTION.
- c. BAR BENDING, SPLICING AND PLACING
- (1) THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER/CONSULTANT FOR APPROVAL OF SHOP DRAWINGS INDICATING THE BENDING, CUTTING, SPLICING AND INSTALLATION OF ALL REINFORCING BARS.
- (2) BARS SHALL BE BEND COLD. BARS PARTIALLY EMBEDDED IN CONCRETE SHALL NOT BE FIELD BENT UNLESS PERMITTED BY THE ENGINEER/CONSULTANT.
- (3) BAR SPLICING NOT INDICATED ON DRAWINGS SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
- (4) NOT MORE THAN 50% OF THE BARS AT ANY ONE SECTION SHALL

SYMBOLS



ABBREVIATIONS

ABT	ABOUT	KILOPASCAL
BEG	BEGINNING	METER
BOTT	BOTTLE	MILLIMETER
BR	BRIDGE	MILLIMETER
BRG	BEARING	MINIMUM
CLR	CLEAR	MIDDLE ORIGINATE
cm	CENTIMETER	MEGAPASCAL
CONC	CONCRETE	NEWTON
CONC	CONCRETE	NEWTON
CONST	CONSTRUCTION	NUMBER
CTR	CENTER	ON CENTER
DET	DETAIL	PREPOLYMERIZED EXPANSION JOINT
DIAM	DIAMETER	POLYVINYL CHLORIDE
DWG	DRAWING	POINT OF VERT. INTERSECTION
EA	EACH FACE	QUANTITY
ELEV	ELEVATION	RADIUS
ENGR	ENGINEER	REINFORCED CONCRETE
EQ	EQUAL	REINFORCEMENT
EXP	EXPANSION	SIDEWALK
EXT	EXTENSION	SPIRAL
EXIST	EXISTING	SPACES
FF	FAR FACE	STANDARD
FTG	FOOTING	STIRRUP
GEN	GENERAL	STATION
HOR	HORIZONTAL	STRUCTURE
INT	INTERIOR	TYPICAL
INT	INTERMEDIATE	VERTICAL
INT	INTERMEDIATE	VARIABLE
JT	JOINT	VOLUME
L	LENGTH	W/
LG	LONG	WITH
kg	KILOGRAM	AND
KN	KILONEWTON	&

SCALE

AS SHOWN

Drawing No.

Sheet No.

0-2

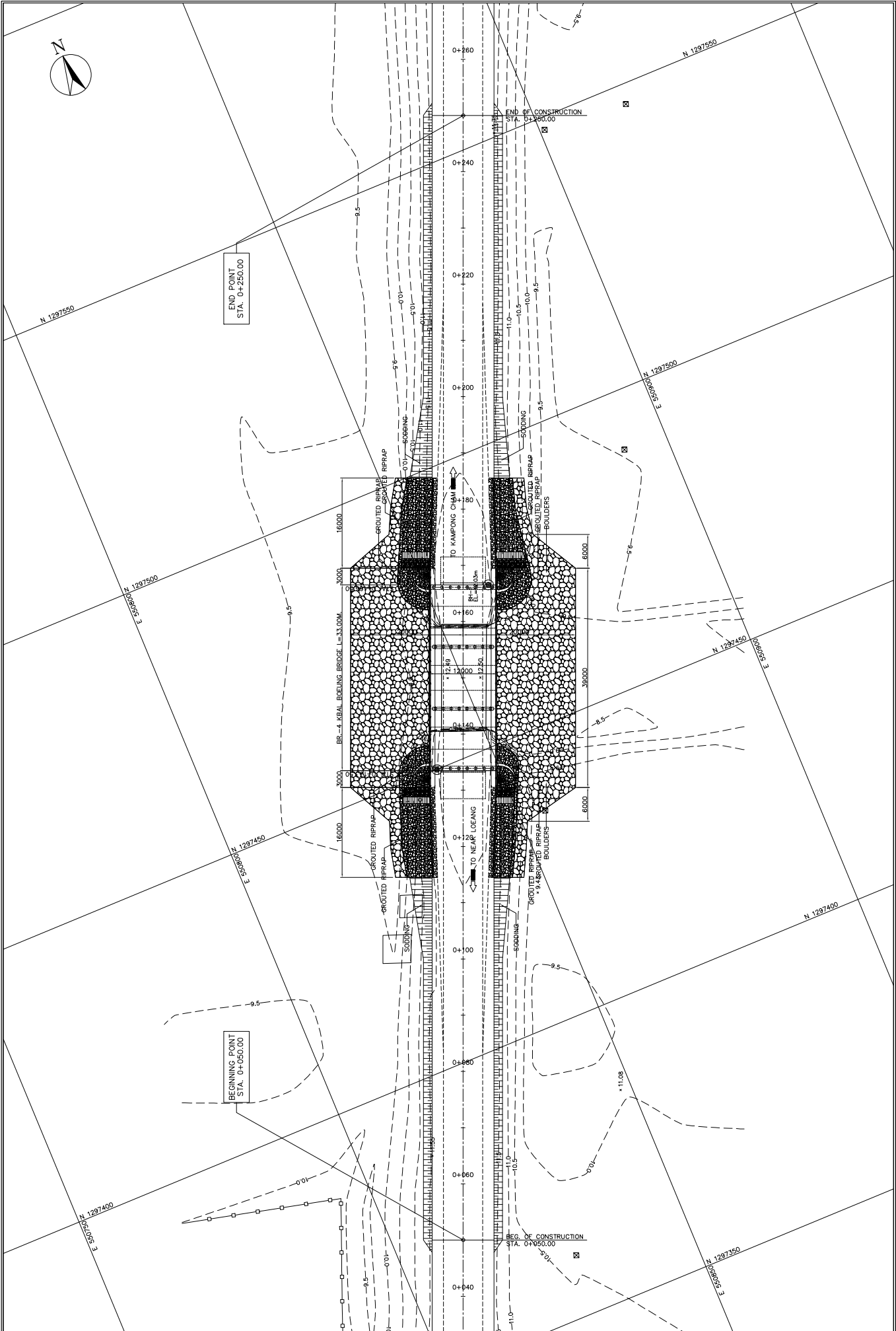
JAPAN INTERNATIONAL COOPERATION AGENCY
KATAHIRA & ENGINEERS INTERNATIONAL

THE PROJECT FOR FLOOD
DISASTER REHABILITATION AND
MITIGATION
IN THE KINGDOM OF CAMBODIA

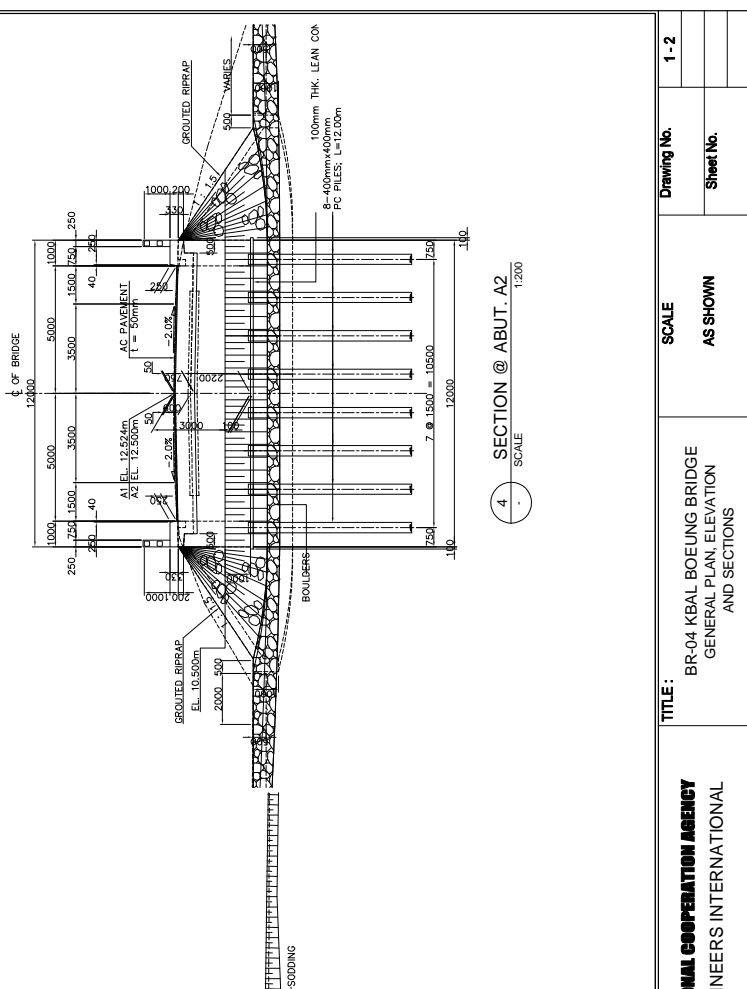
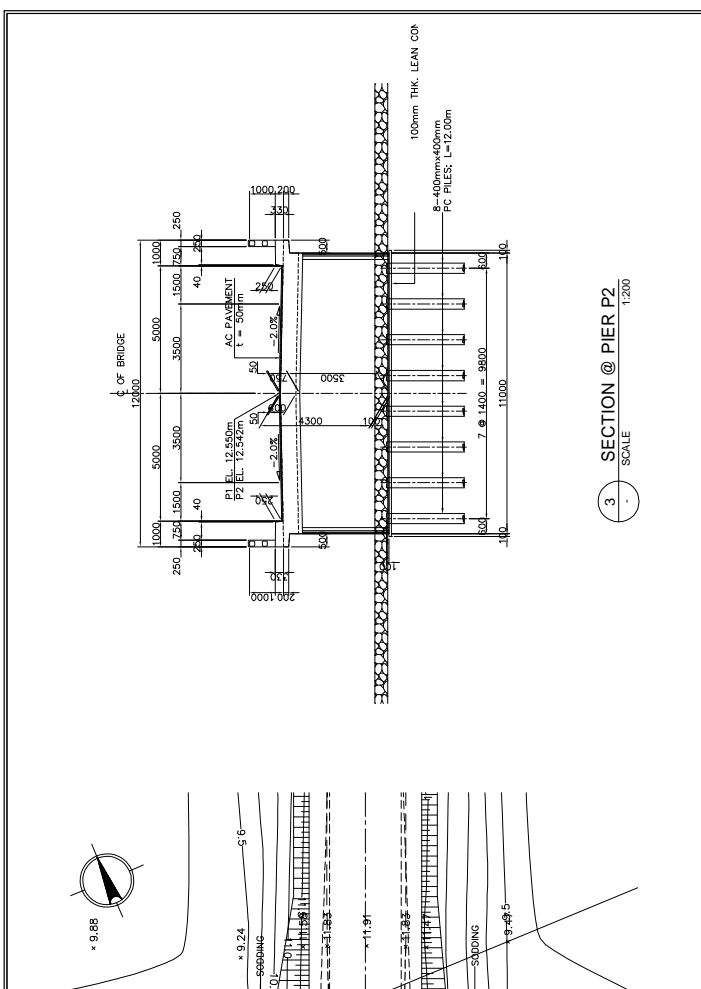
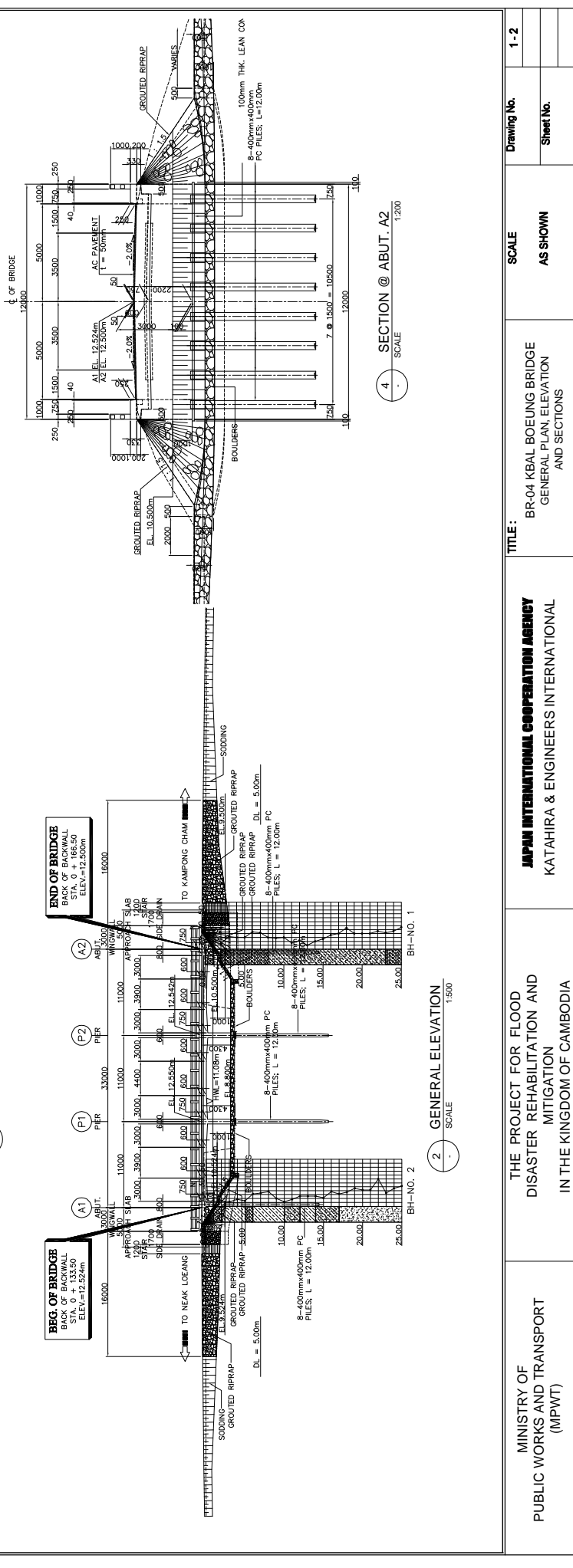
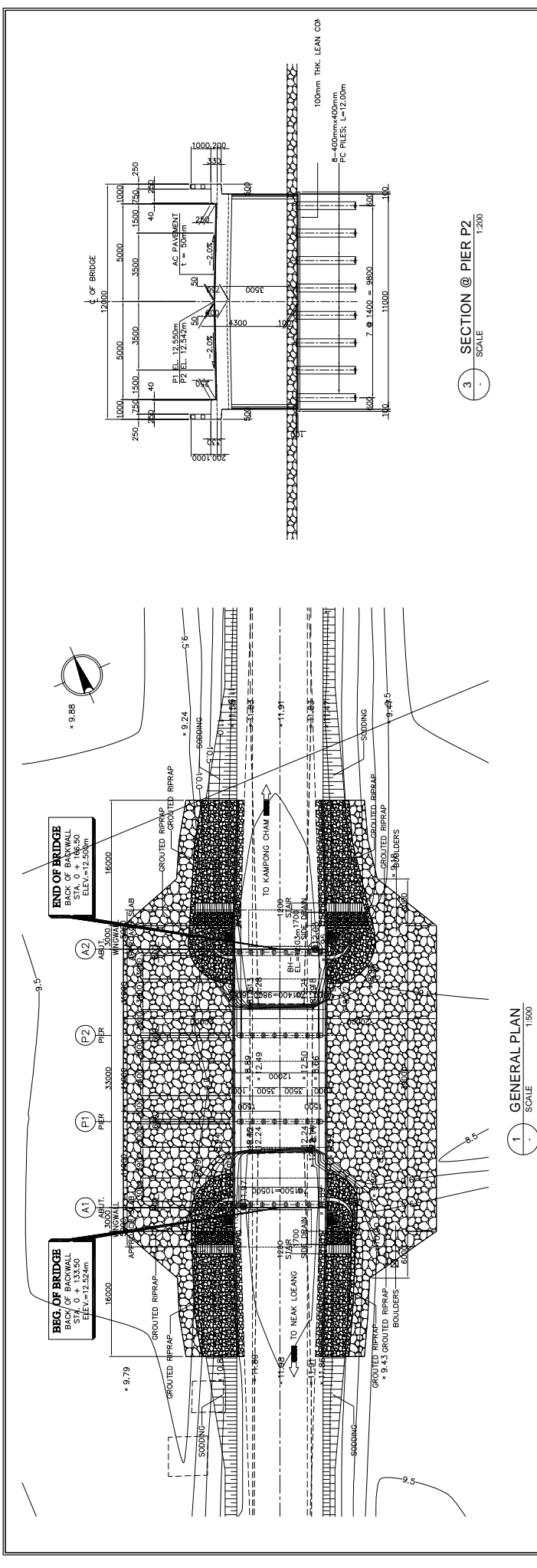
MINISTRY OF
PUBLIC WORKS AND TRANSPORT
(MPWT)

GENERAL NOTES

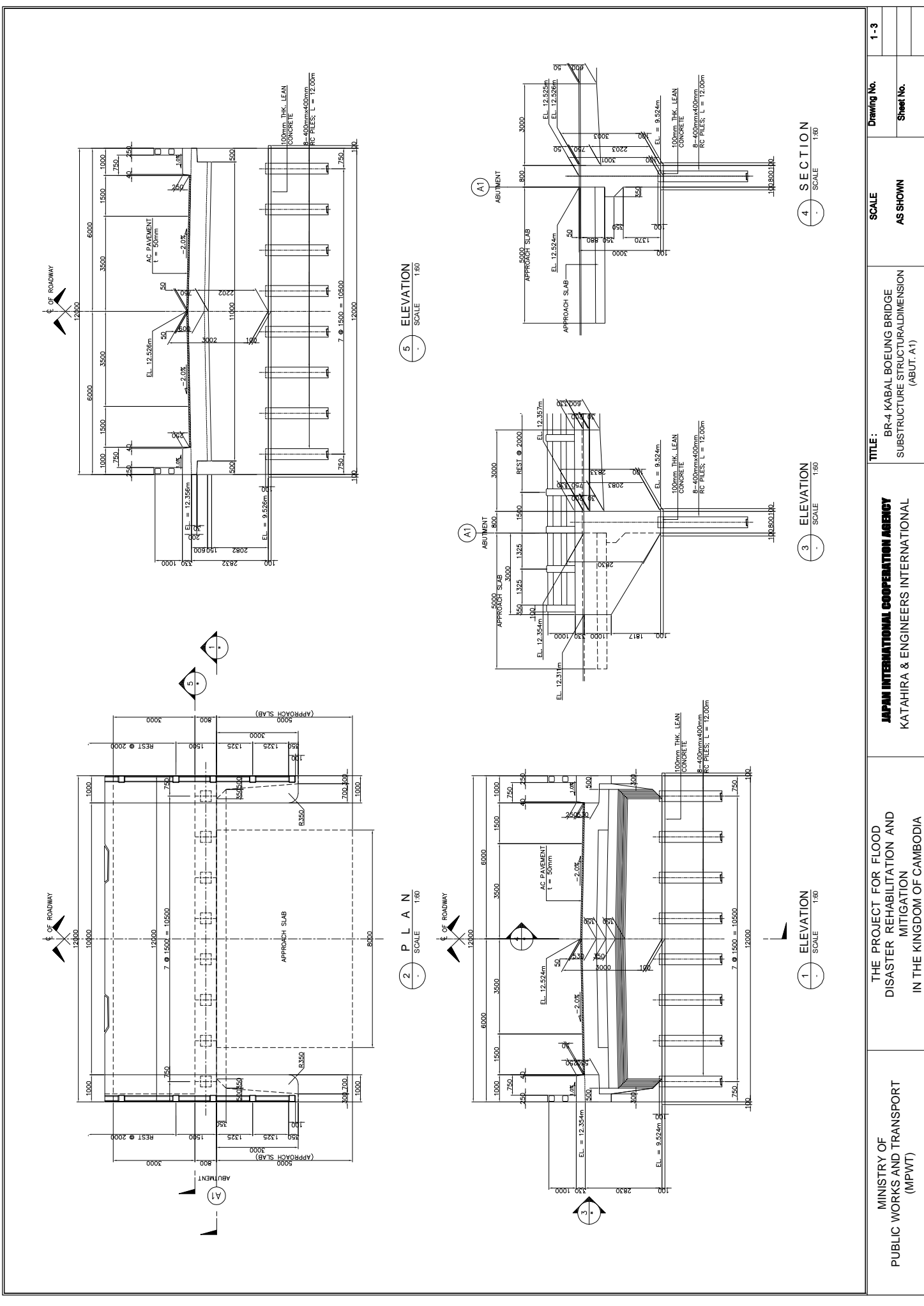
BR-4 KBAL BOEUNG BRIDGE



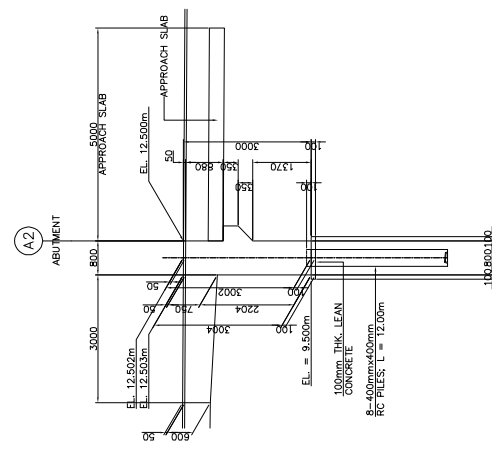
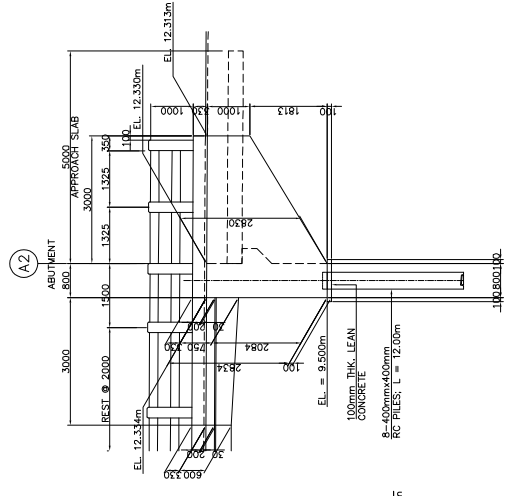
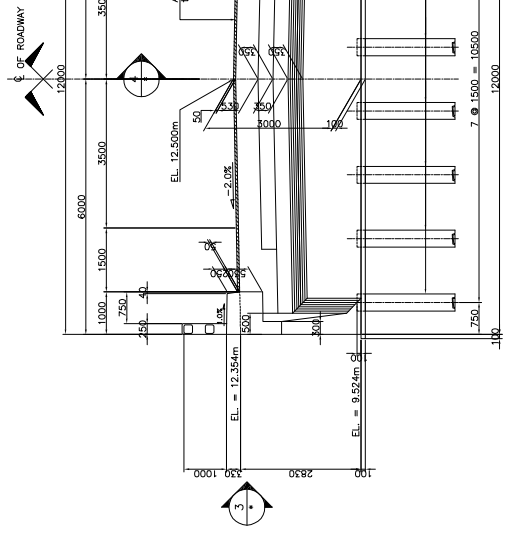
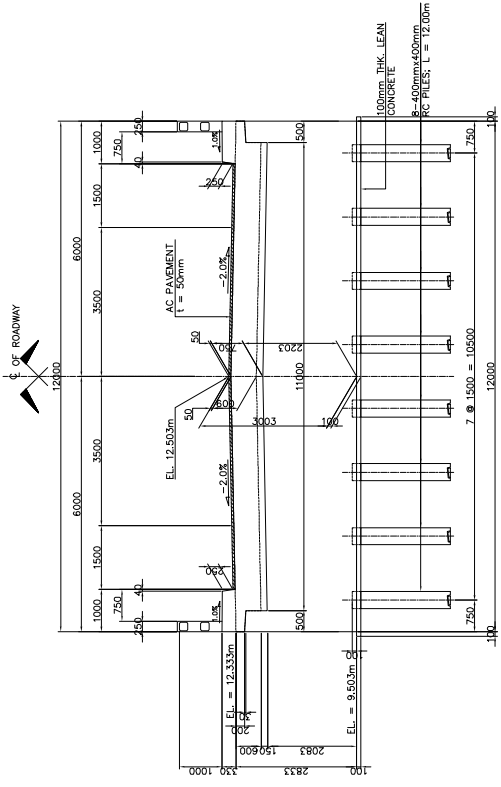
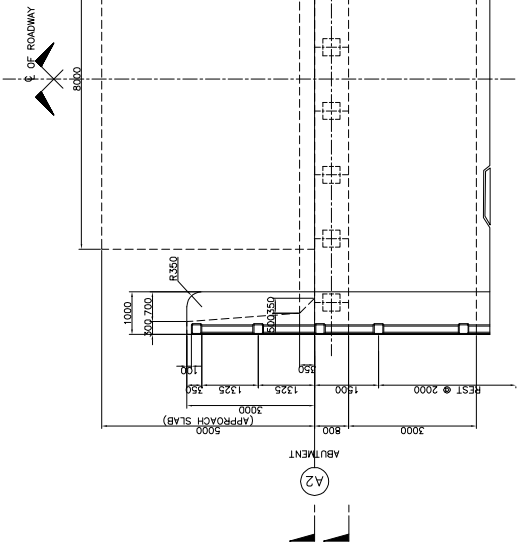
MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)	THE PROJECT FOR FLOOD DISASTER REHABILITATION AND MITIGATION IN THE KINGDOM OF CAMBODIA	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE: BR-04 KBAL BOEUNG BRIDGE GENERAL SITE PLAN	SCALE	1:600
				Drawing No.	1 - 1
				Sheet No.	



<p>MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)</p>	<p>THE PROJECT FOR FLOOD DISASTER REHABILITATION AND MITIGATION IN THE KINGDOM OF CAMBODIA</p>	<p>JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL</p>	<p>TITLE: BR-04 KBAL BOEUNG BRIDGE GENERAL PLAN, ELEVATION AND SECTIONS</p>	<p>SCALE AS SHOWN</p>	<p>Drawing No. 1-2 Sheet No.</p>
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MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)	THE PROJECT FOR FLOOD DISASTER REHABILITATION AND MITIGATION IN THE KINGDOM OF CAMBODIA	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE: BR-4 KABAL BOEUNG BRIDGE SUBSTRUCTURE STRUCTURAL DIMENSION (ABUT. A1)	SCALE AS SHOWN	Drawing No. 1-3 Sheet No.
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MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)	THE PROJECT FOR FLOOD DISASTER REHABILITATION AND MITIGATION IN THE KINGDOM OF CAMBODIA	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE: BR-04 KABAL BOEUNG BRIDGE SUBSTRUCTURE STRUCTURAL DIMENSION (ABUT. A2)	SCALE	Drawing No.	1-4
				AS SHOWN		

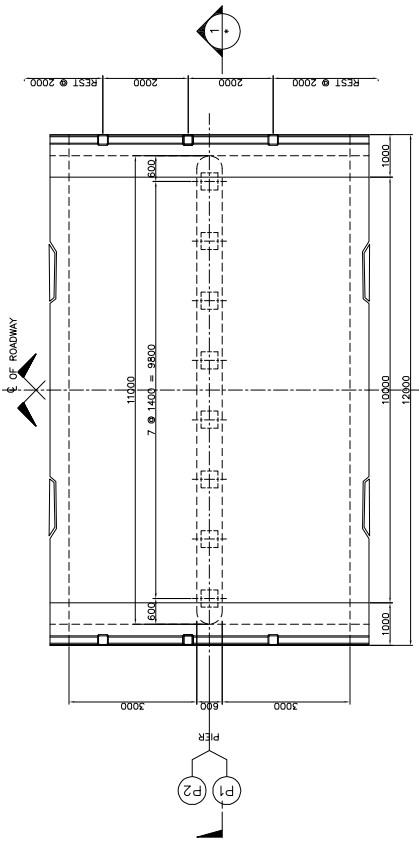
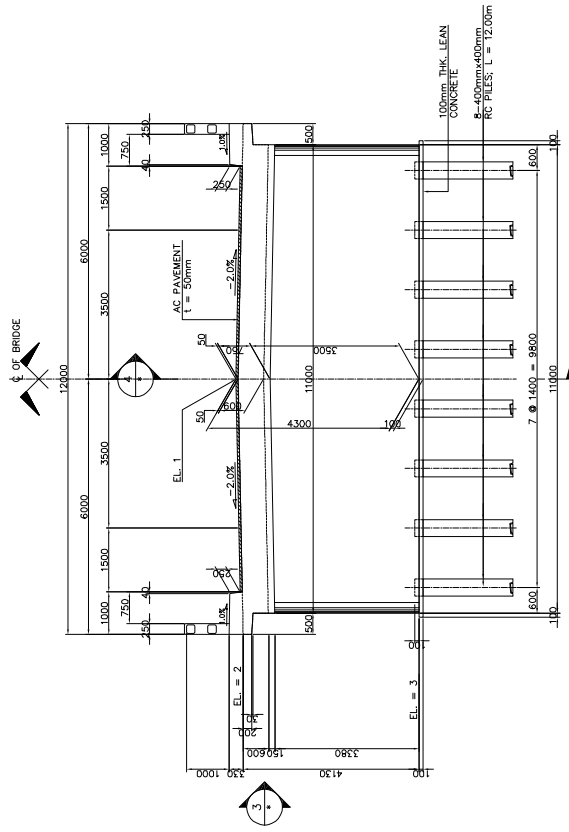


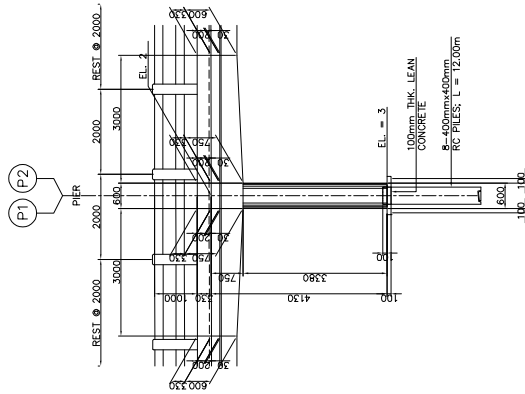
TABLE OF ELEVATIONS

LOCATION	EL. 1	EL. 2	EL. 3
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PIER 2	12.542m	12.372m	8.242m

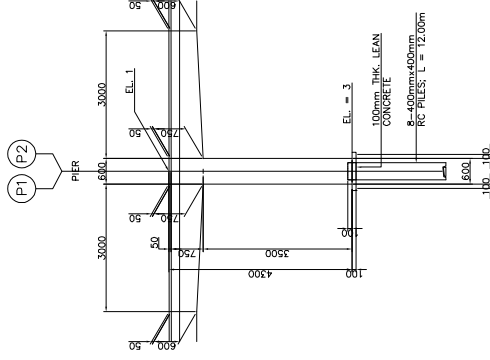
2 PLAN SCALE 1:180



1 ELEVATION SCALE 1:180



3 ELEVATION SCALE 1:180



4 SECTION SCALE 1:180

MINISTRY OF
PUBLIC WORKS AND TRANSPORT
(MPWT)

THE PROJECT FOR FLOOD
DISASTER REHABILITATION AND
MITIGATION
IN THE KINGDOM OF CAMBODIA

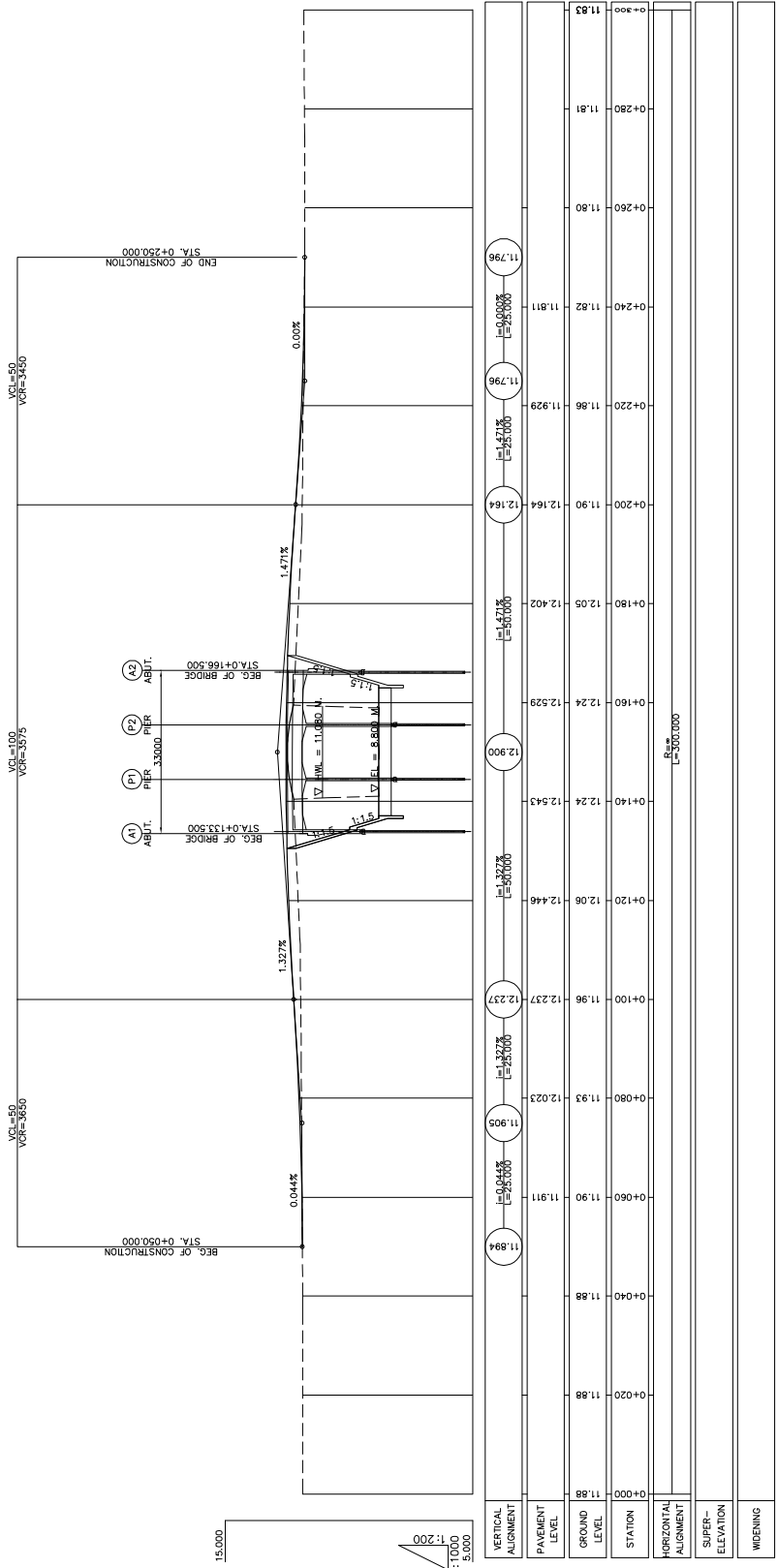
JAPAN INTERNATIONAL COOPERATION AGENCY
KATAHIRA & ENGINEERS INTERNATIONAL

TITLE:
BR-04 KABAL BOEUNG BRIDGE
SUBSTRUCTURE STRUCTURAL DIMENSION
(PIER P1 & P2)

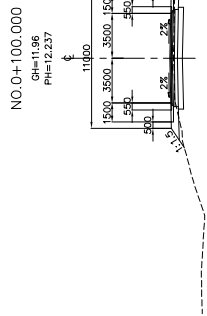
SCALE
AS SHOWN

Drawing No.
Sheet No.

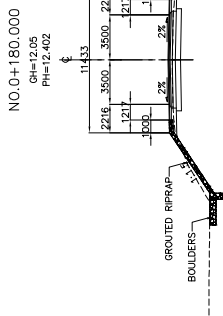
1-5



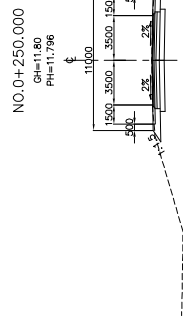
MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)	THE PROJECT FOR FLOOD DISASTER REHABILITATION AND MITIGATION IN THE KINGDOM OF CAMBODIA	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE: BR-04 KBAL BOEUNG BRIDGE APPROACH ROAD PROFILE	SCALE	Drawing No.	1-6
				H=1:1000 V=1:200		



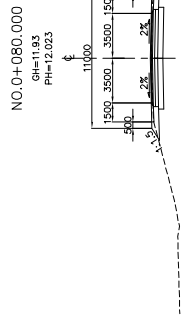
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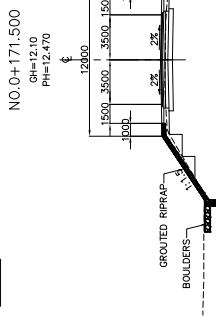
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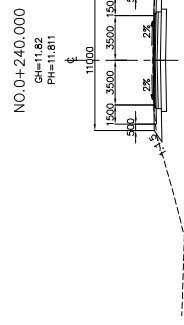
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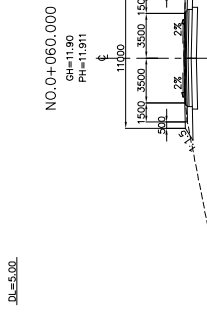
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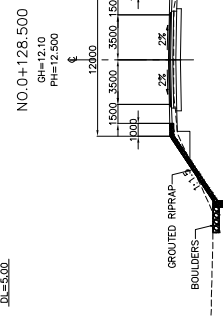
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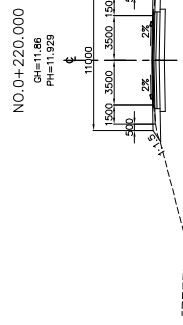
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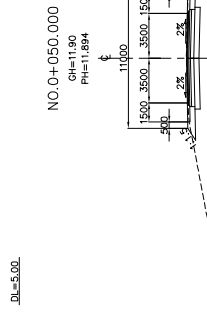
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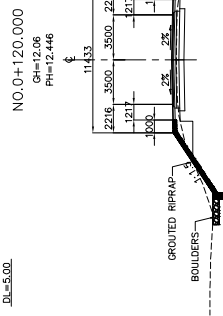
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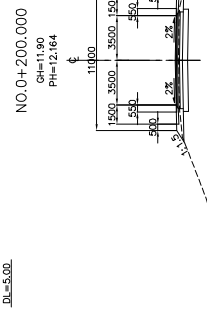
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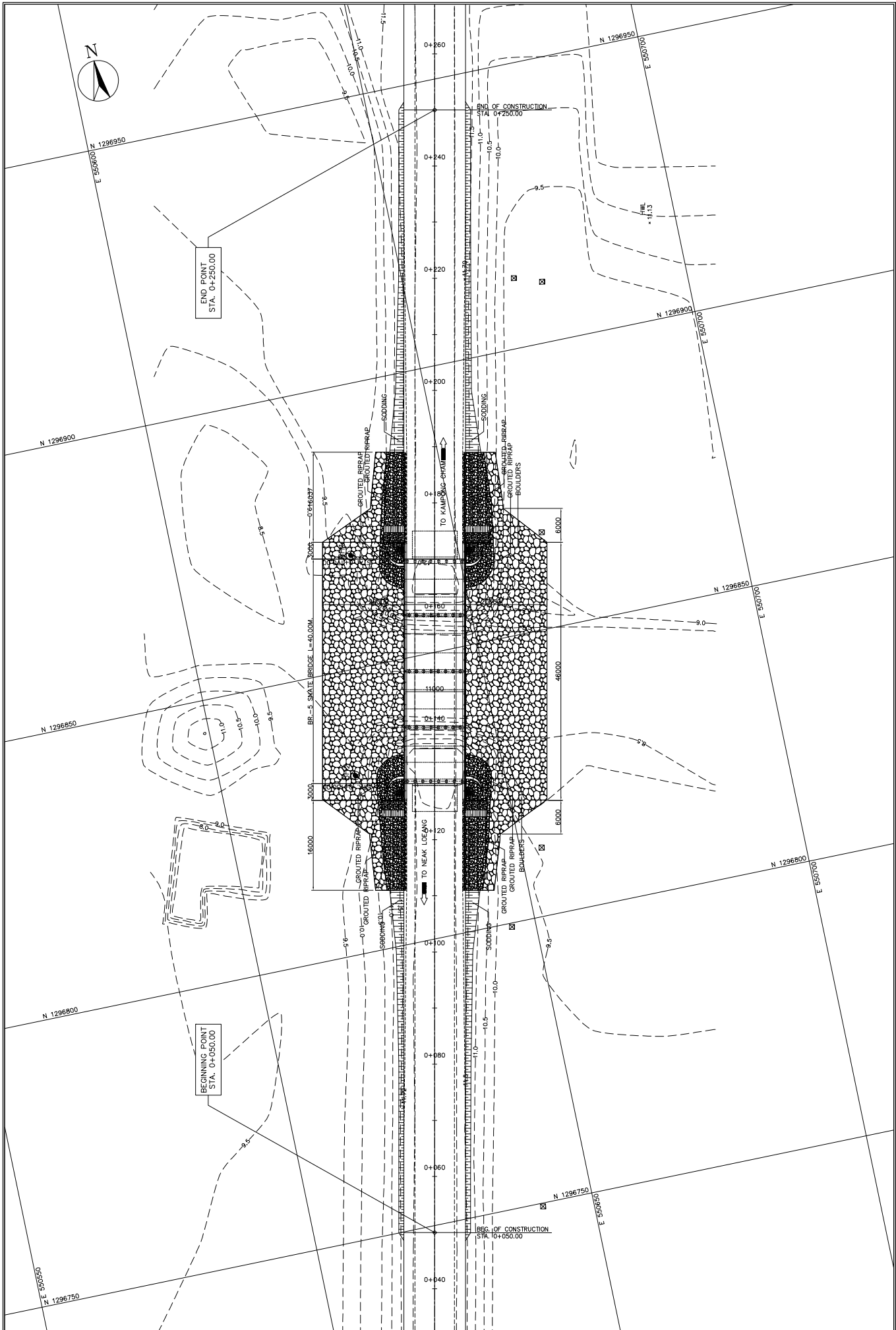
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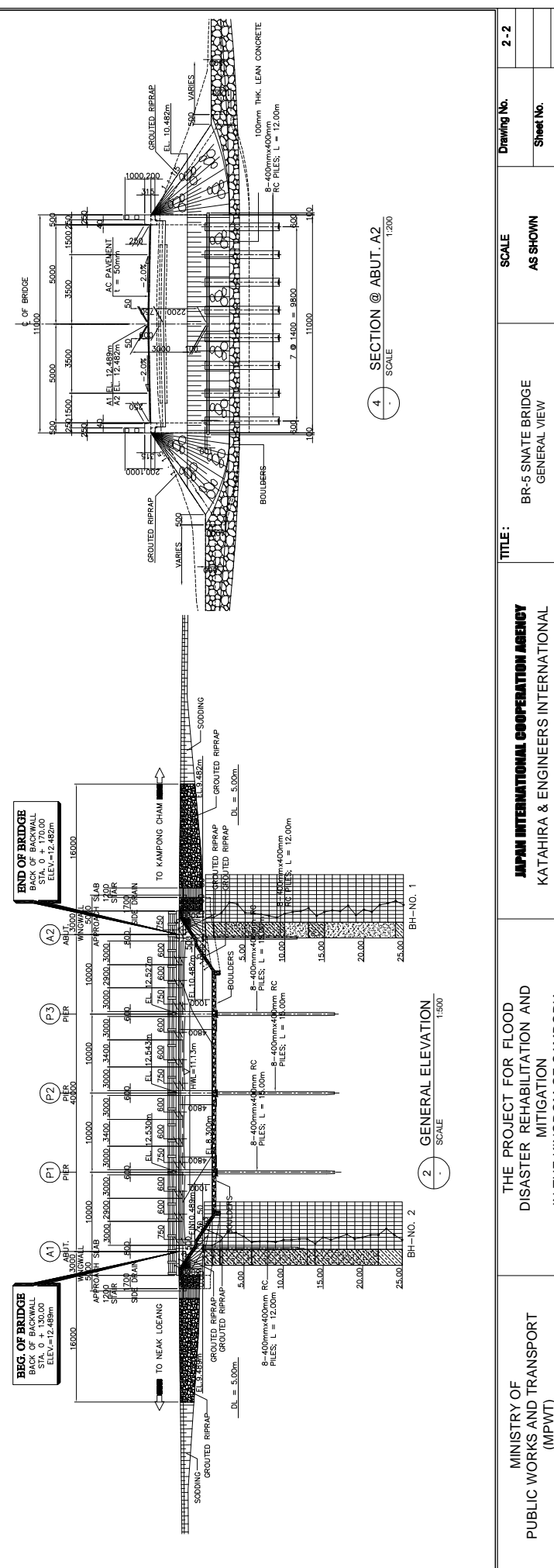
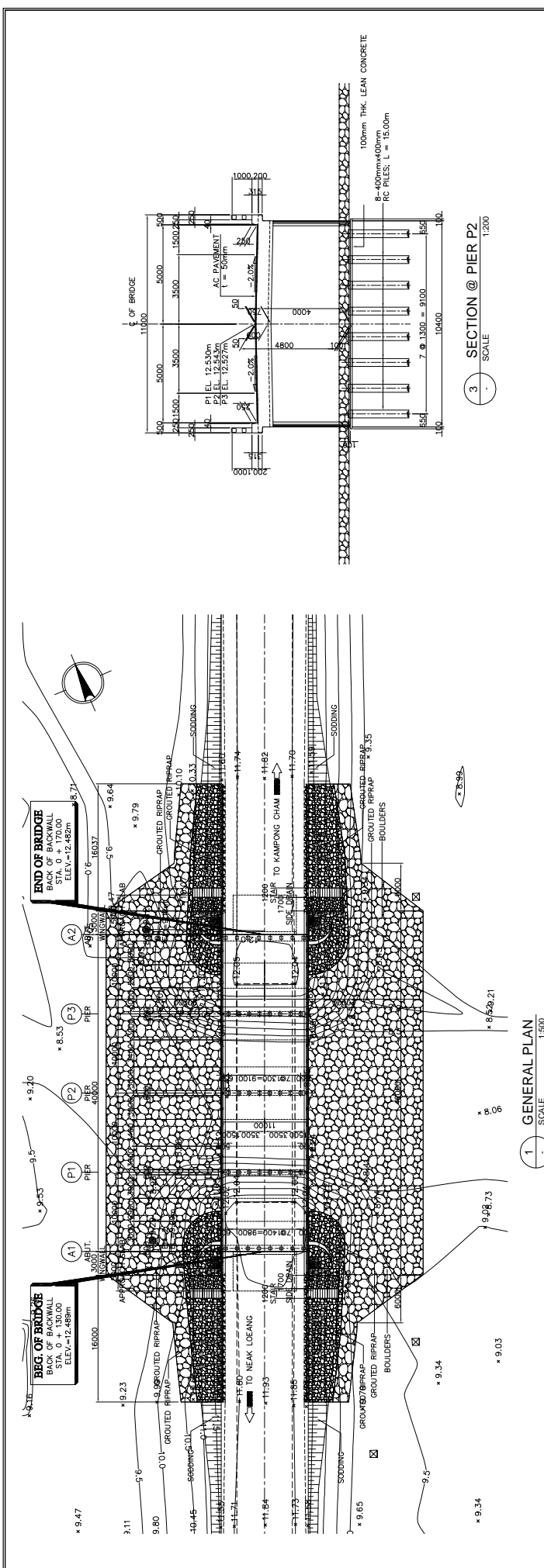
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MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)	THE PROJECT FOR FLOOD DISASTER REHABILITATION AND MITIGATION IN THE KINGDOM OF CAMBODIA	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE: BR-04 KBAL BOEUNG BRIDGE APPROACH ROAD CROSS SECTIONS	SCALE	Drawing No.	1 - 7
				1 : 400		

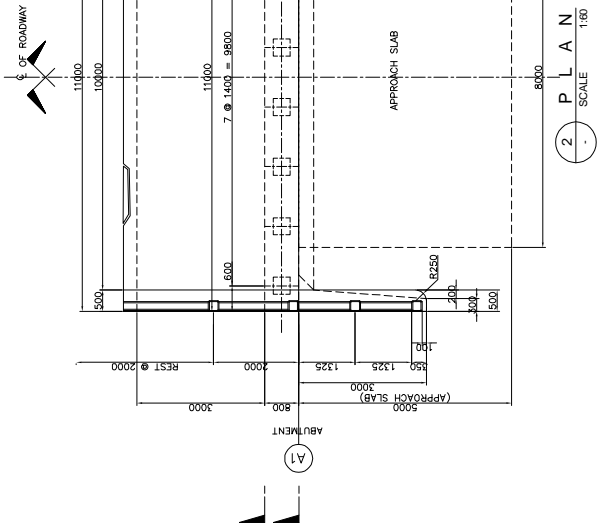
BR-5 SNATE BRIDGE



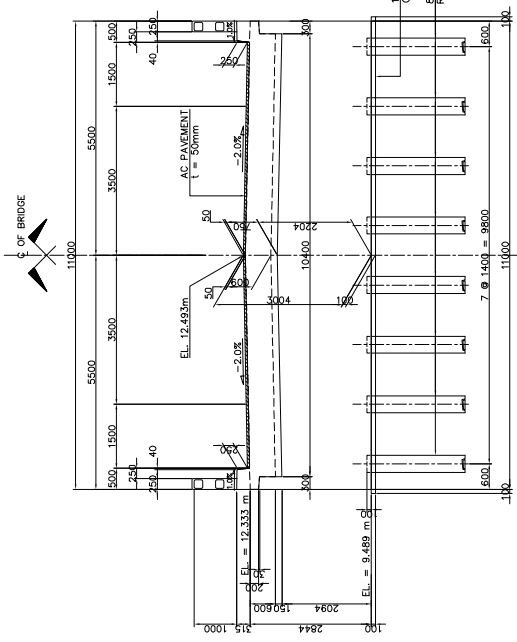
MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)	THE PROJECT FOR FLOOD DISASTER REHABILITATION AND MITIGATION IN THE KINGDOM OF CAMBODIA	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE: BR-5 SNA TE-IDD BRIDGE GENERAL SITE PLAN	SCALE	Drawing No.
				1:800	2 - 1
					Sheet No.



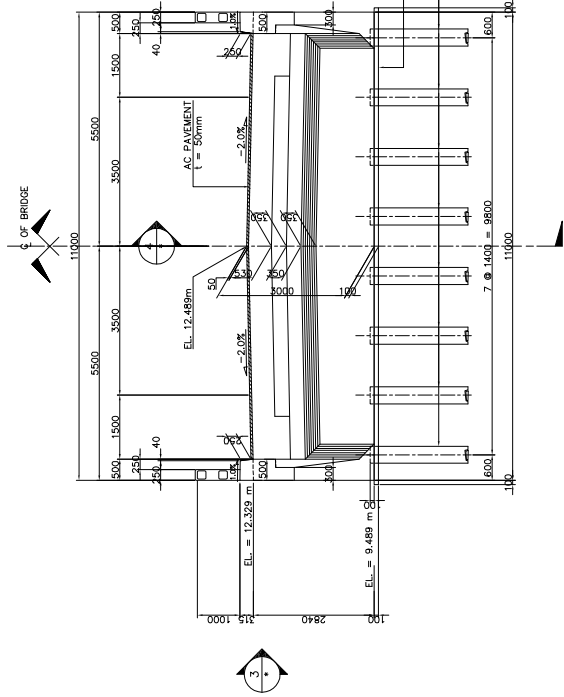
<p>MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)</p>	<p>THE PROJECT FOR FLOOD DISASTER REHABILITATION AND MITIGATION IN THE KINGDOM OF CAMBODIA</p>	<p>JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL</p>	<p>TITLE: BR-5 SNATE BRIDGE GENERAL VIEW</p>	<p>SCALE AS SHOWN</p>	<p>Drawing No. 2-2 Sheet No.</p>
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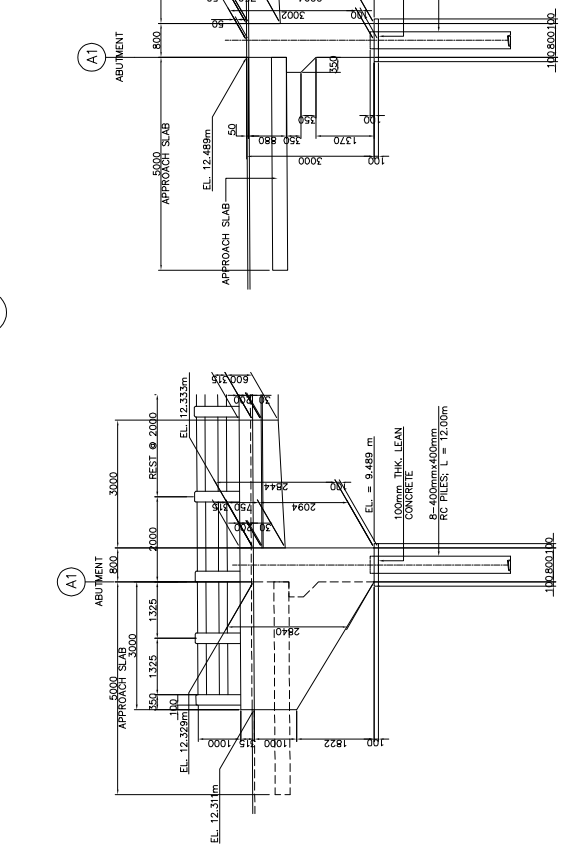
1 ELEVATION
SCALE 1:100



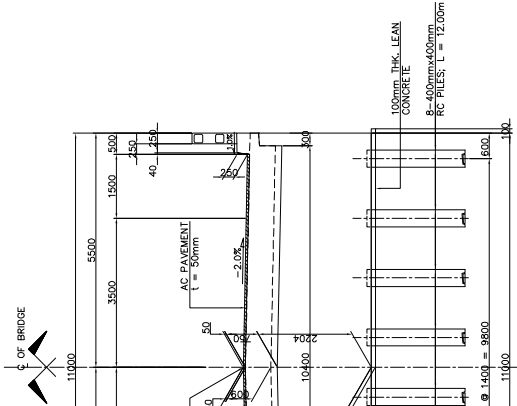
2 ELEVATION
SCALE 1:100



3 ELEVATION
SCALE 1:100

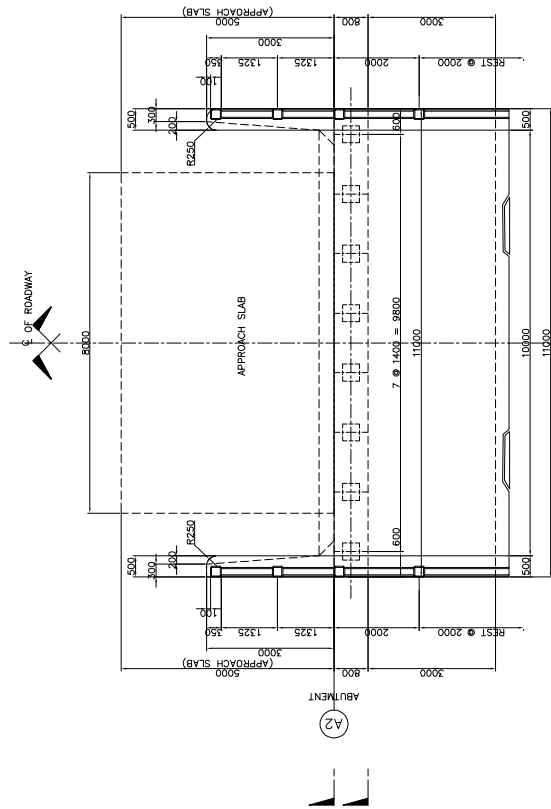


4 SECTION
SCALE 1:100

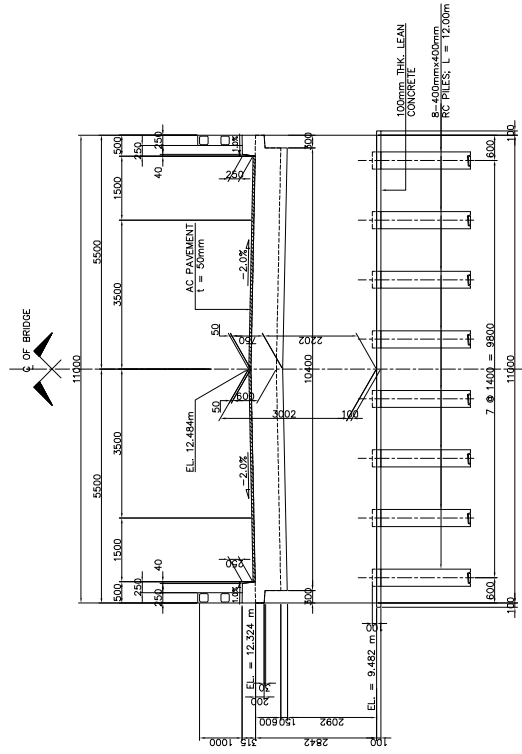


5 ELEVATION
SCALE 1:100

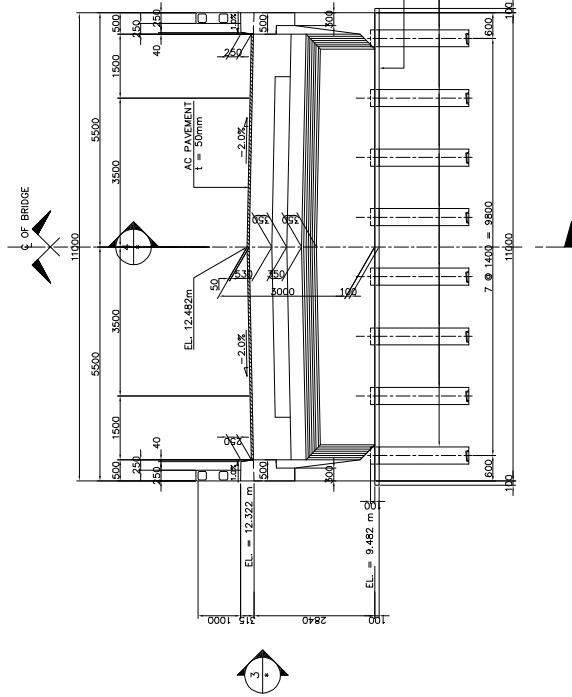
<p>MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)</p>	<p>THE PROJECT FOR FLOOD DISASTER REHABILITATION AND MITIGATION IN THE KINGDOM OF CAMBODIA</p>	<p>JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL</p>	<p>TITLE : BR-5 SNATE BRIDGE SUBSTRUCTURE STRUCTURAL DIMENSION (ABUT. A1)</p>	<p>SCALE AS SHOWN</p>	<p>Drawing No. Sheet No.</p>
					<p>2 - 3</p>



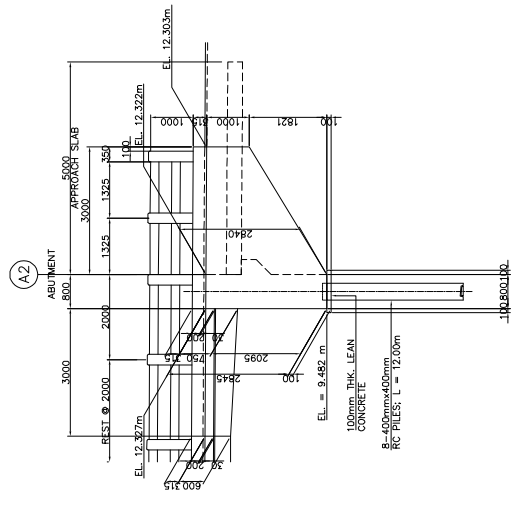
2 PLAN SCALE 1:60



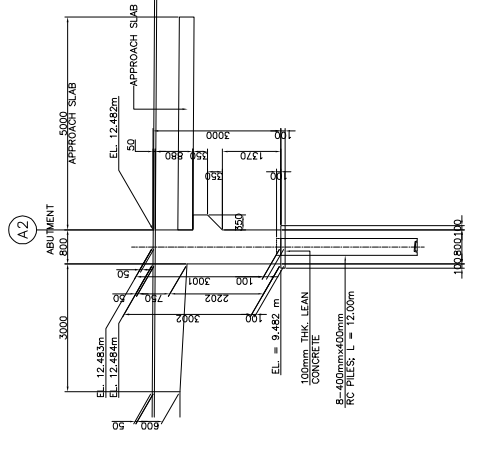
5 ELEVATION SCALE 1:60



1 ELEVATION SCALE 1:60



3 ELEVATION SCALE 1:60



4 SECTION SCALE 1:60

MINISTRY OF
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(MPWT)

THE PROJECT FOR FLOOD
DISASTER REHABILITATION AND
MITIGATION
IN THE KINGDOM OF CAMBODIA

JAPAN INTERNATIONAL COOPERATION AGENCY
KATAHIRA & ENGINEERS INTERNATIONAL

TITLE: BR-5 SNATE BRIDGE
SUBSTRUCTURE STRUCTURAL DIMENSION
(ABUT. A2)

SCALE
AS SHOWN

Drawing No.

2 - 4

Sheet No.

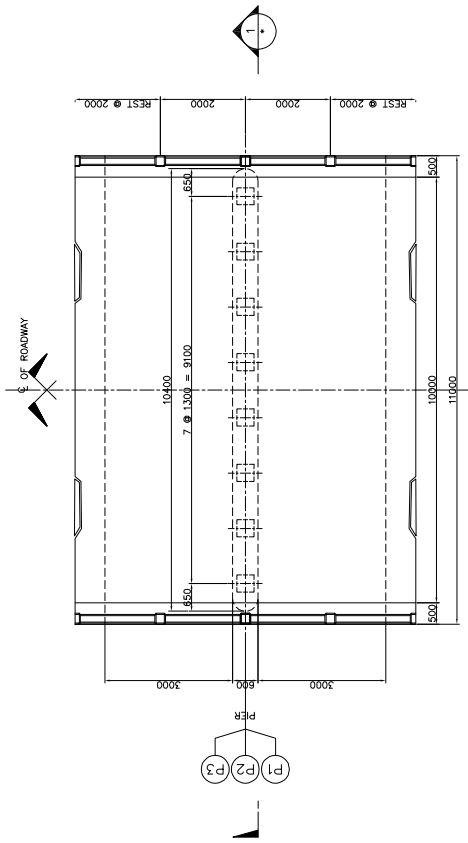
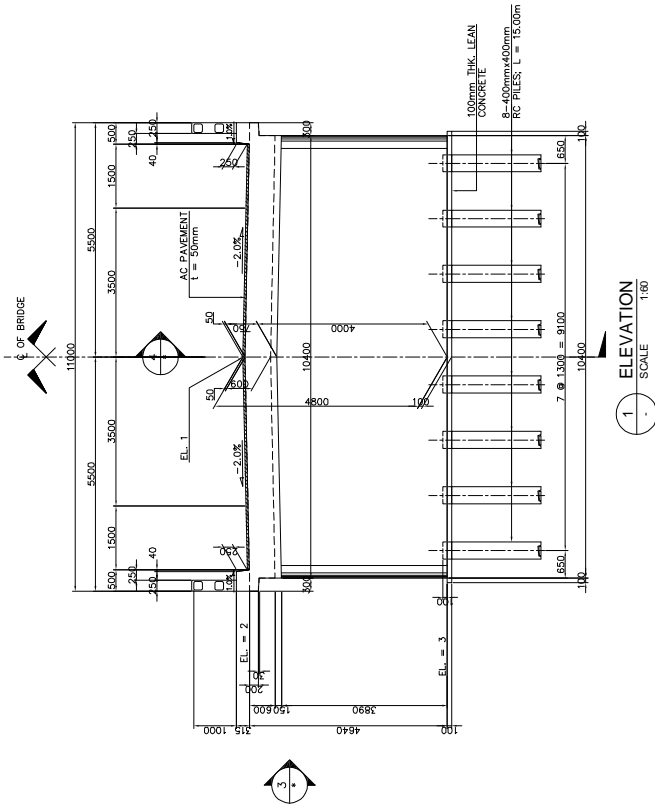


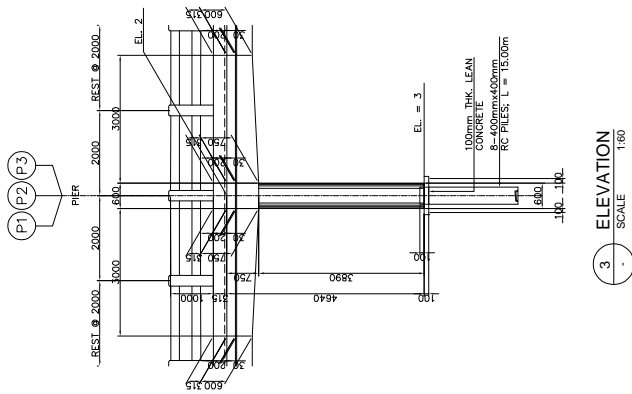
TABLE OF ELEVATIONS

LOCATION	EL. 1	EL. 2	EL. 3
PIER 1	12.530m	12.370m	7.730m
PIER 2	12.543m	12.383m	7.743m
PIER 3	12.527m	12.367m	7.727m

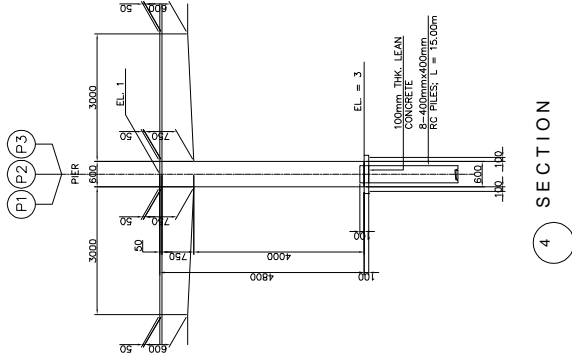
2 PLAN SCALE 1:180



1 ELEVATION SCALE 1:180



3 ELEVATION SCALE 1:180



4 SECTION

MINISTRY OF
PUBLIC WORKS AND TRANSPORT
(MPWT)

THE PROJECT FOR FLOOD
DISASTER REHABILITATION AND
MITIGATION
IN THE KINGDOM OF CAMBODIA

JAPAN INTERNATIONAL COOPERATION AGENCY
KATAHIRA & ENGINEERS INTERNATIONAL

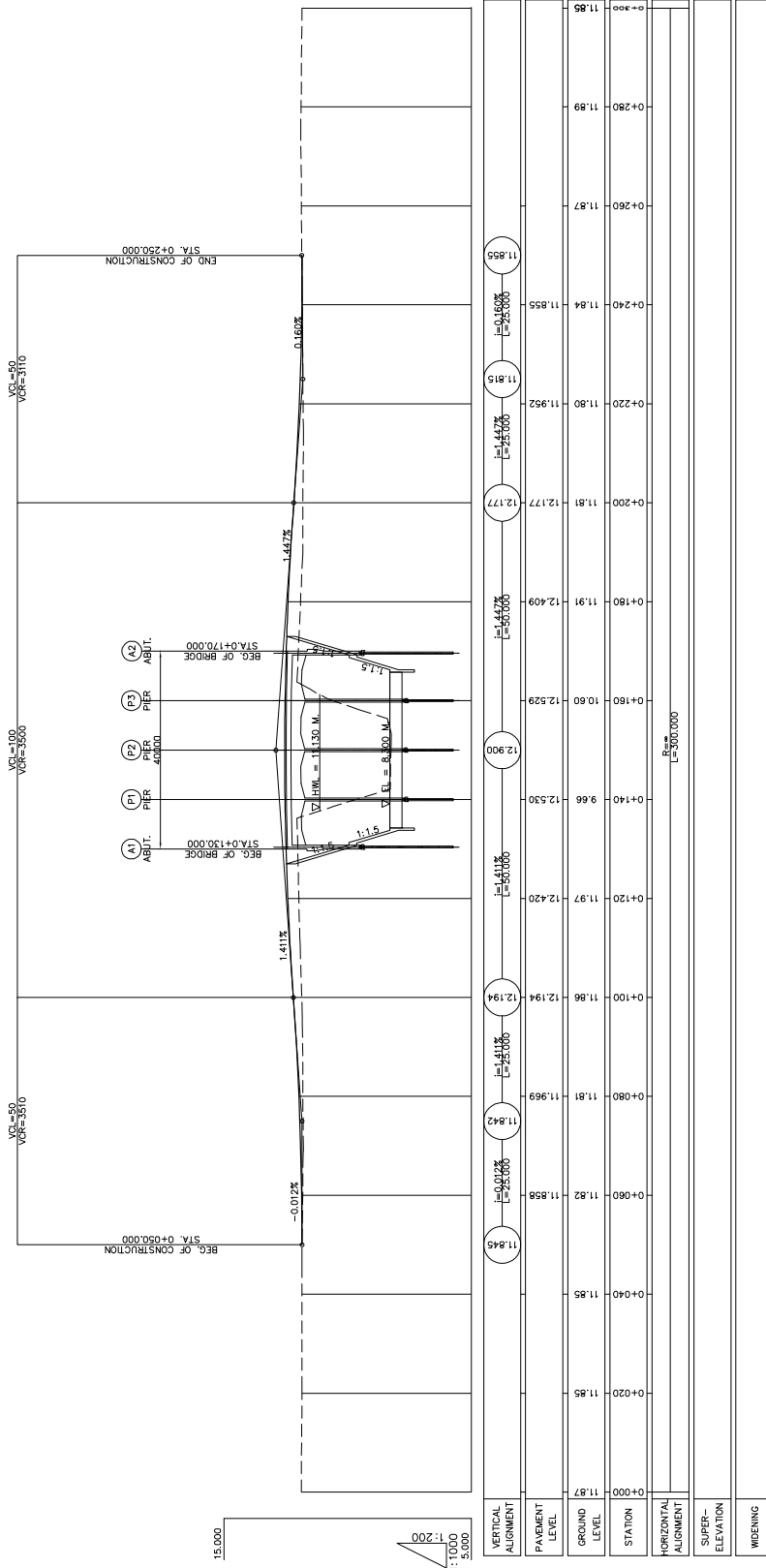
TITLE:
BR-5 SNATE BRIDGE
SUBSTRUCTURE STRUCTURAL DIMENSION
(PIER P1, P2 & P3)

SCALE
AS SHOWN

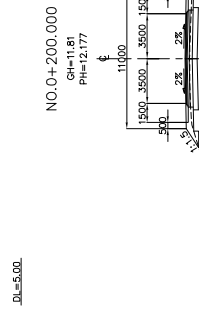
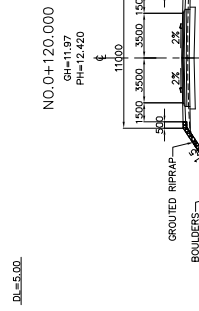
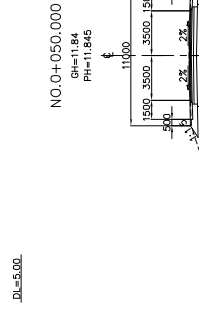
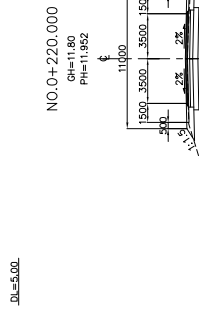
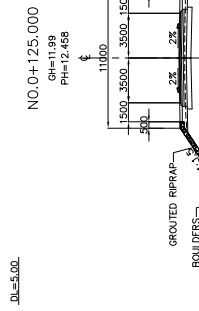
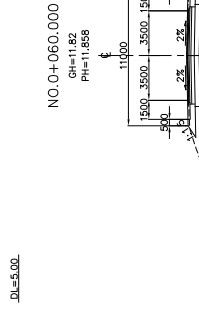
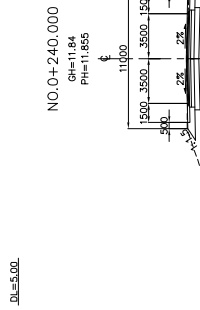
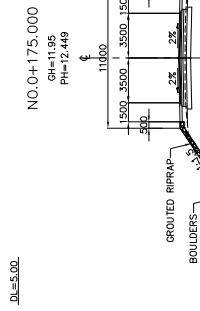
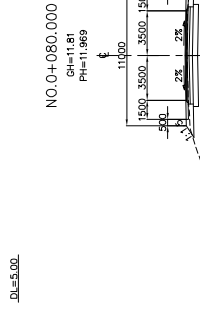
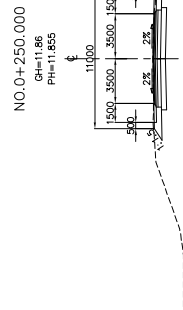
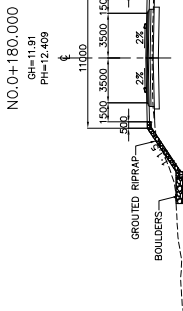
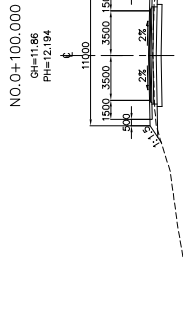
Drawing No.

Sheet No.

2-5



STATION	GROUND LEVEL	PAVEMENT LEVEL	VERTICAL ALIGNMENT
0+000	11.87	11.85	
0+020	11.85	11.85	
0+040	11.85	11.85	
0+060	11.82	11.85	11.845
0+080	11.81	11.869	11.842
0+100	11.86	12.194	12.194
0+120	11.97	12.420	12.416
0+140	9.66	12.530	12.530
0+160	10.60	12.529	12.900
0+180	11.91	12.409	12.407
0+200	11.81	12.177	12.177
0+220	11.80	11.952	11.952
0+240	11.84	11.855	11.815
0+260	11.87		11.855
0+280	11.88		11.855
0+300	11.85		11.855



MINISTRY OF PUBLIC WORKS AND TRANSPORT (MPWT)	THE PROJECT FOR FLOOD DISASTER REHABILITATION AND MITIGATION IN THE KINGDOM OF CAMBODIA	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE : BR-5 SNATE BRIDGE APPROACH ROAD CROSS SECTIONS	SCALE 1 : 400	Drawing No.	2 - 7
					Sheet No.	