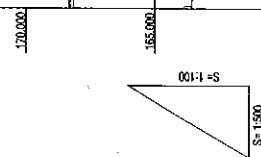
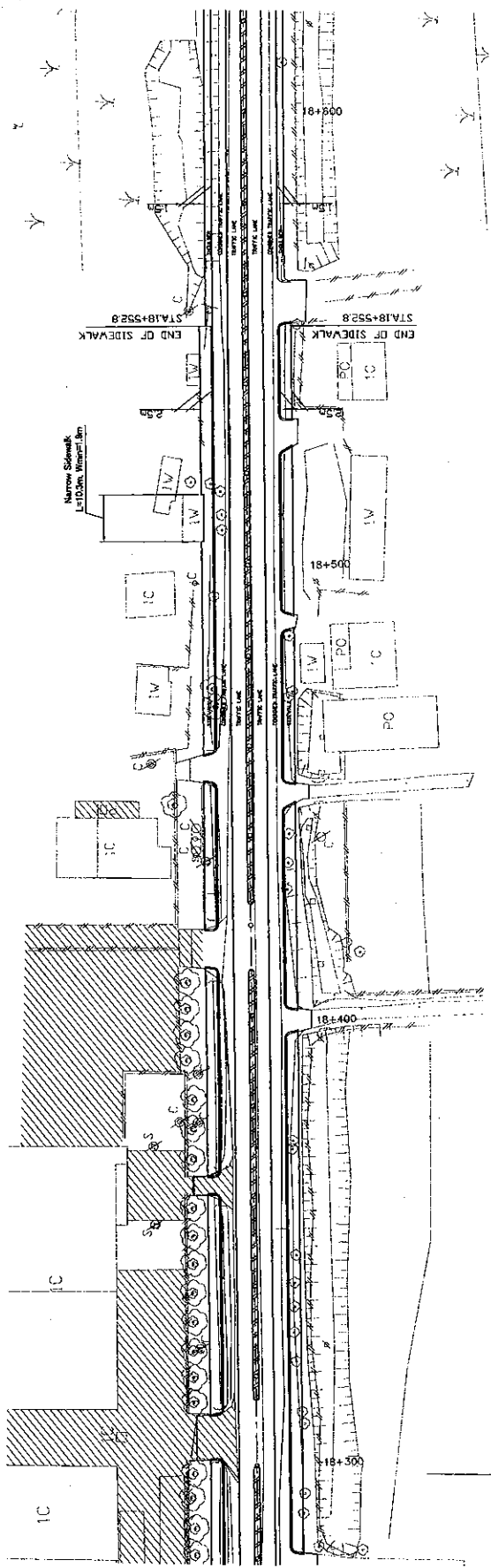


ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO. LTD	TITLE:	PLAN AND PROFILE (STA. 18+00 - STA. 18+300)	DRAWING No:	PL-61
			SCALE:	H=1:500 V=1:100	REV.	



TYPE	TYPE-II SECTION-1	TYPE-II SECTION-2
VERTICAL ALIGNMENT	158.111	158.111
PAVEMENT LEVELS	168.17	168.303
SURFACE LEVELS	168.14	168.290
PEGGED CHAINAGE	168.19	168.299
HORIZONTAL CURVATURE	168.13	168.272
SUPERELEVATION	168.10	168.244
TYPICAL CROSS SECTION	168.08	168.207
TYPE	168.02	168.171
	167.99	168.171
	167.97	168.147
	167.94	168.141
	168.02	168.135
	168.00	168.135
	168.02	168.147
	167.99	168.153
	168.03	168.159

ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION
LAO PEOPLE'S DEMOCRATIC REPUBLIC

BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC

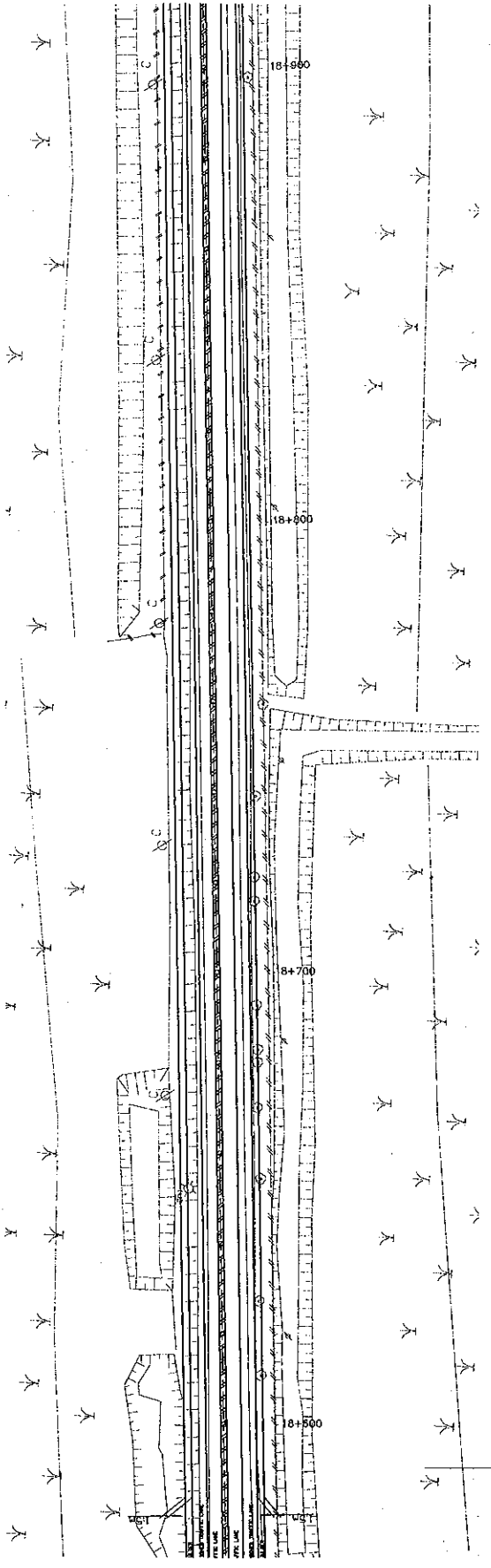
JAPAN INTERNATIONAL COOPERATION AGENCY
KATAHIRA & ENGINEERS INTERNATIONAL
CITI ENGINEERING INTERNATIONAL CO. LTD

TITLE: PLAN AND PROFILE (STA. 18+300 - STA. 18+600)

SCALE: H=1:500 V=1:100

DRAWING No: PL-62

Rev: []



Vertical Alignment Profile showing Surface Levels, Pegged Chaining, and Horizontal Curvature.

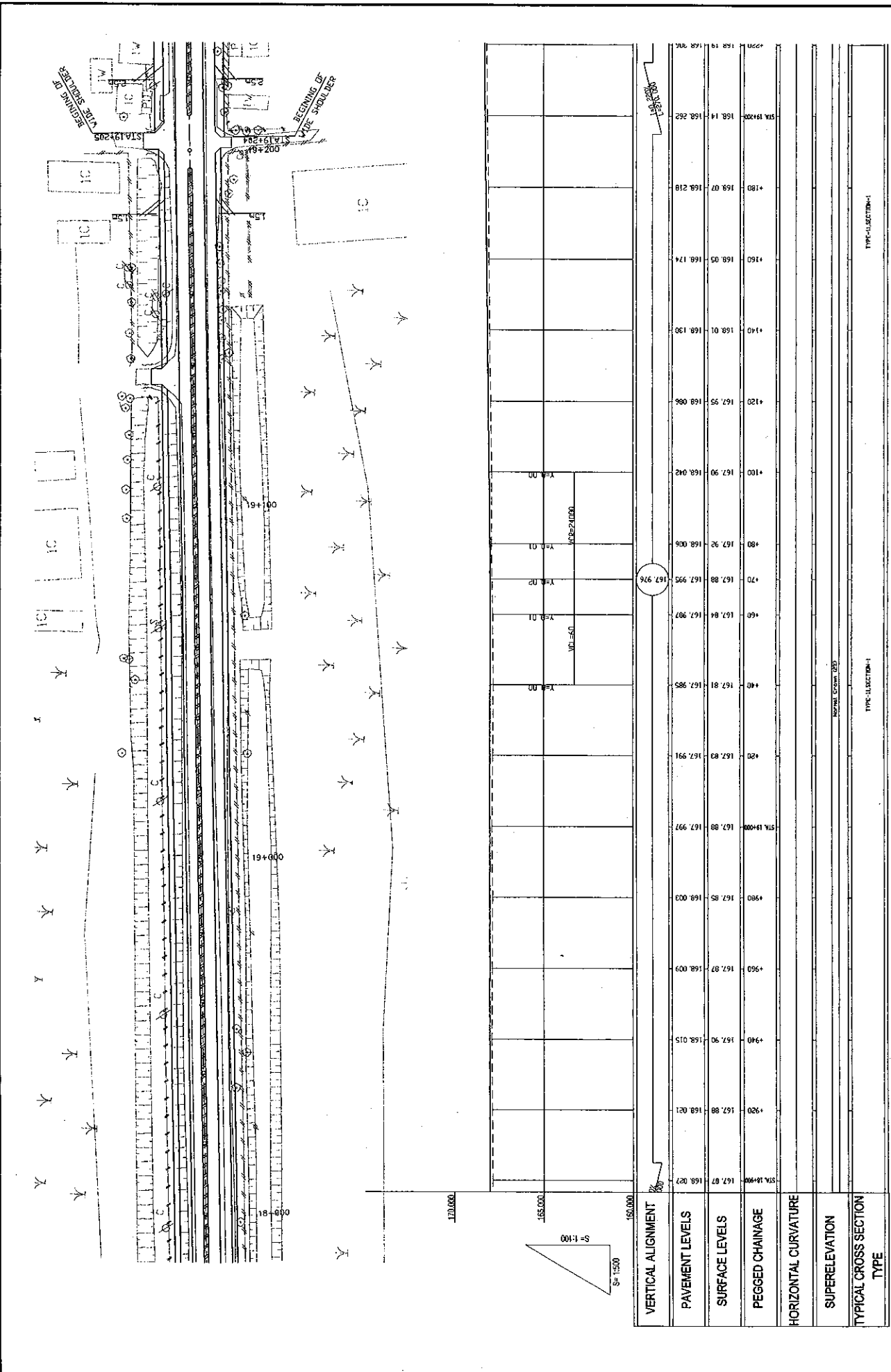
VERTICAL ALIGNMENT	168 159	168 163	168 169	168 172	168 177	168 183	168 191	168 194	168 197	168 202	168 207	168 212	168 217	168 222	168 227
PAVEMENT LEVELS	168 09	168 103	168 109	168 114	168 114	168 114	168 114	168 114	168 114	168 114	168 114	168 114	168 114	168 114	168 114
SURFACE LEVELS	168 03	168 08	168 09	168 103	168 109	168 114	168 114	168 114	168 114	168 114	168 114	168 114	168 114	168 114	168 114
PEGGED CHAINAGE	168 03	168 08	168 09	168 103	168 109	168 114	168 114	168 114	168 114	168 114	168 114	168 114	168 114	168 114	168 114
HORIZONTAL CURVATURE															
SUPERELEVATION															
TYPICAL CROSS SECTION TYPE															

Vertical Alignment Profile showing Pegged Chaining and Horizontal Curvature.

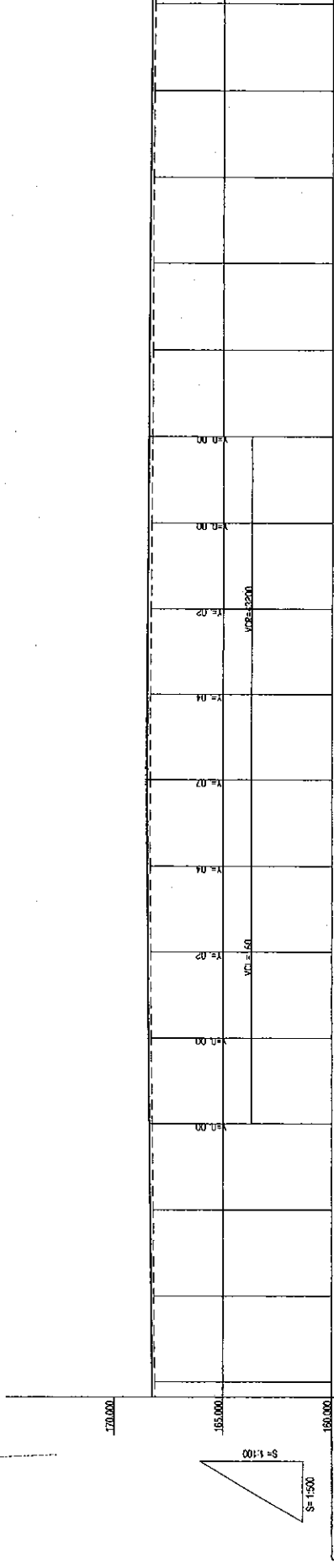
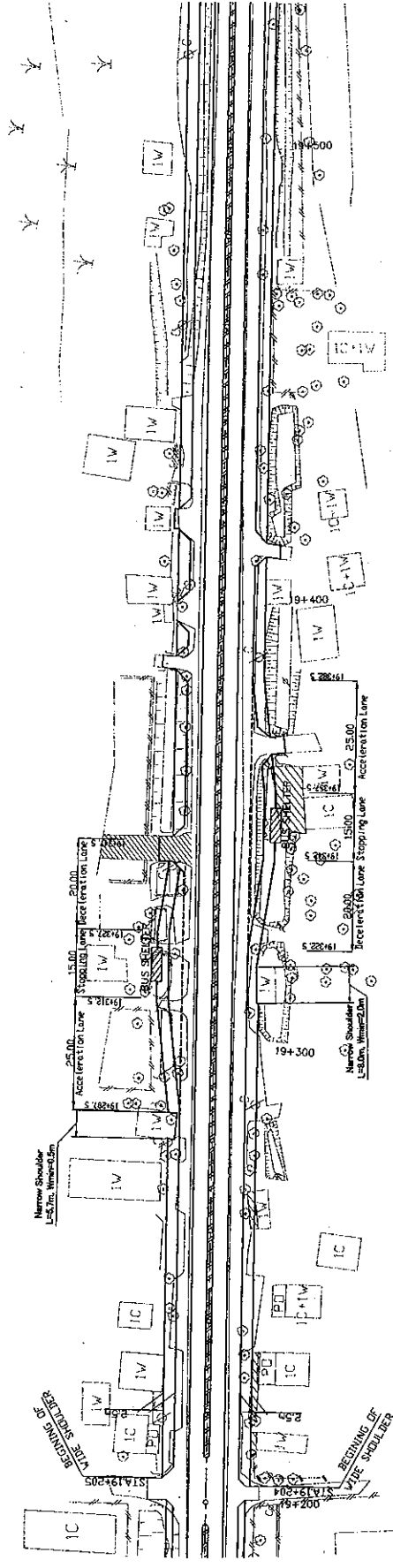
STATION	168 159	168 163	168 169	168 172	168 177	168 183	168 191	168 194	168 197	168 202	168 207	168 212	168 217	168 222	168 227
Pegged Chaining	168 03	168 08	168 09	168 103	168 109	168 114	168 114	168 114	168 114	168 114	168 114	168 114	168 114	168 114	168 114
Horizontal Curvature															
Superelevation															

Scale: H=1:500, V=1:100. Stationing: STA 16800 - STA 16900.

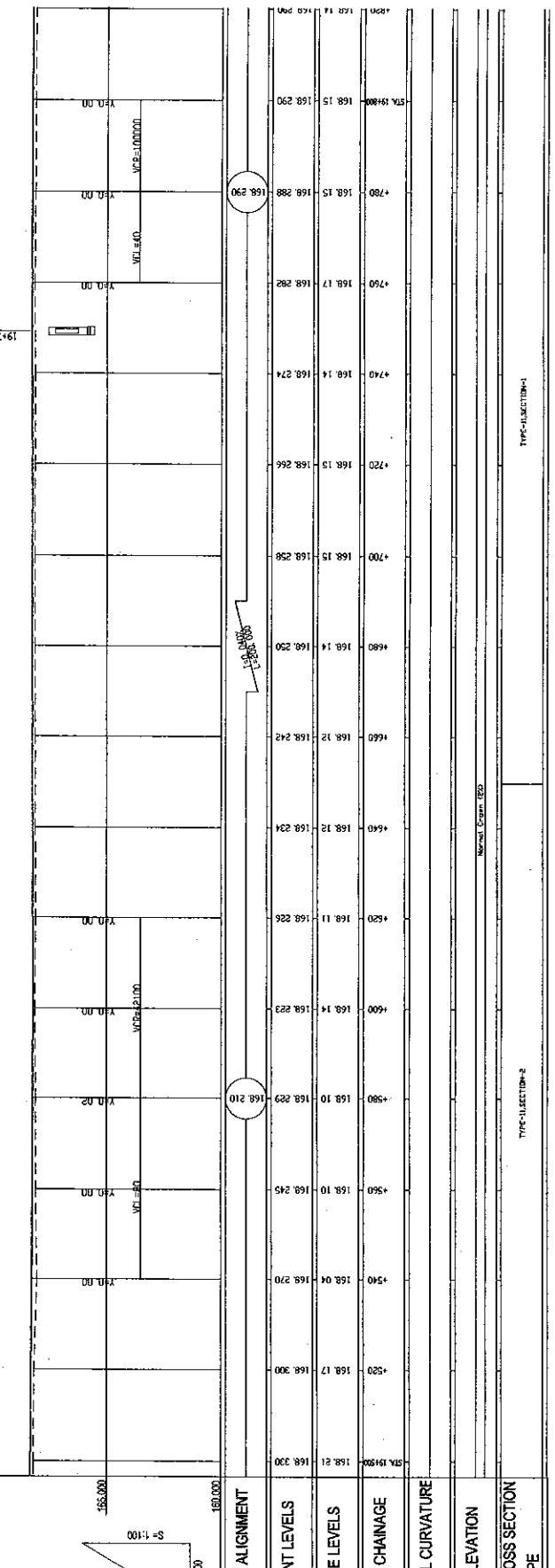
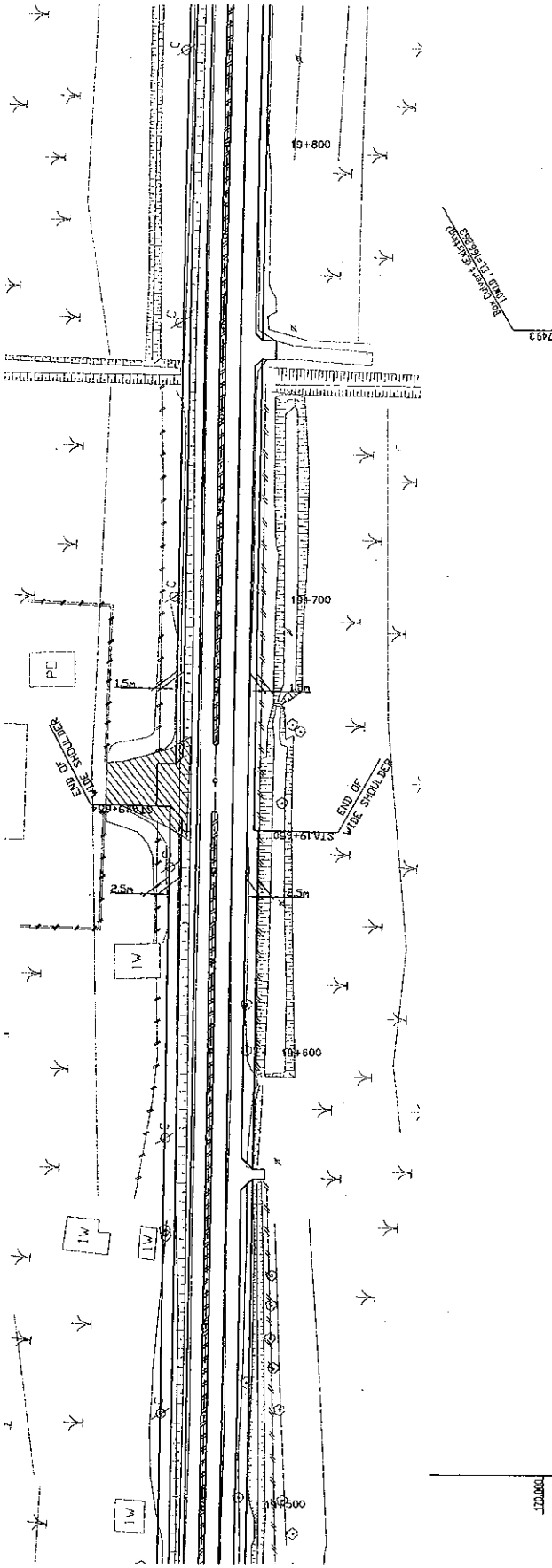
ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO. LTD	TITLE	SCALE:	DRAWING No:
				H=1:500 V=1:100	PLAN AND PROFILE (STA. 18+00 - STA. 18+900)



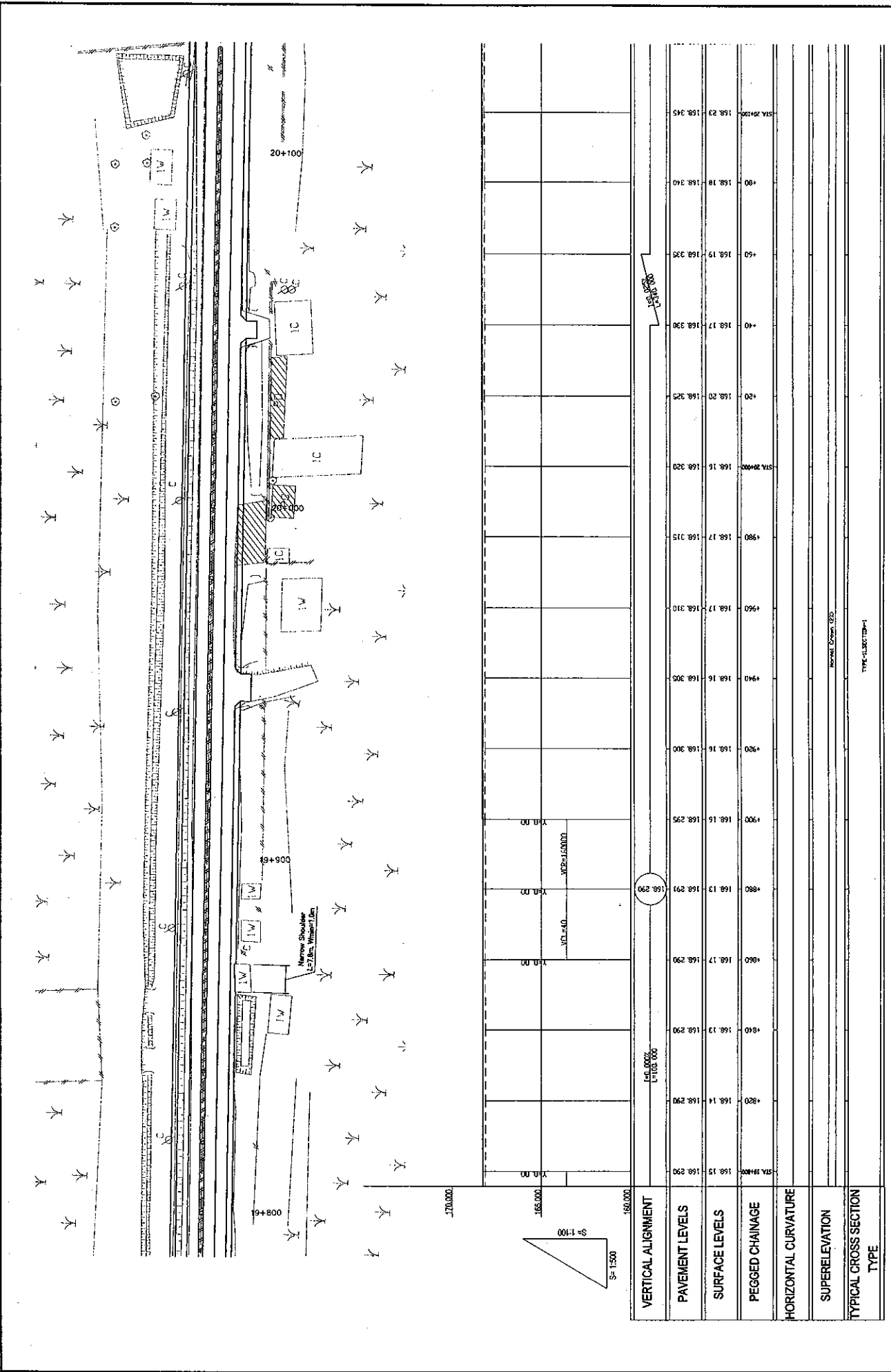
DRAWING NO: PL-64		SCALE: H=1:500 V=1:100	
TITLE: PLAN AND PROFILE (STA. 18+900 - STA. 19+200)		TYPE: SECTION-1	
ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC		JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO., LTD	
BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC		TYPE: SECTION-1	

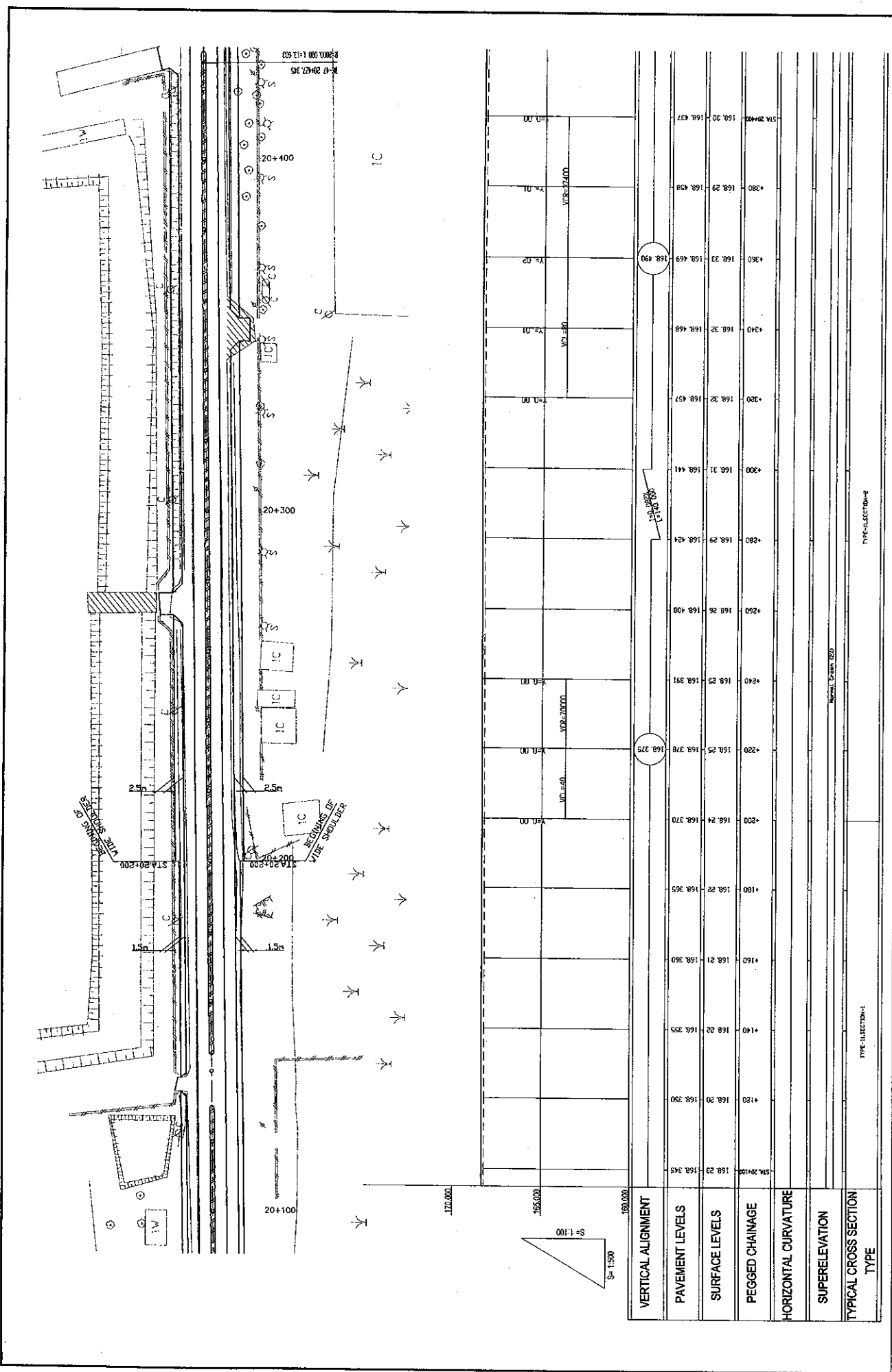


VERTICAL ALIGNMENT	PAVEMENT LEVELS	SURFACE LEVELS	PEGGED CHANGAGE	HORIZONTAL CURVATURE	SUPERELEVATION	TYPICAL CROSS SECTION TYPE
170.000	168.25	168.19	168.25			
175.000	168.29	168.25	168.29			
180.000	168.31	168.31	168.31			
	168.33	168.33	168.33			
	168.35	168.35	168.35			
	168.36	168.36	168.36			
	168.37	168.37	168.37			
	168.38	168.38	168.38			
	168.39	168.39	168.39			
	168.40	168.40	168.40			
	168.41	168.41	168.41			
	168.42	168.42	168.42			
	168.43	168.43	168.43			
	168.44	168.44	168.44			
	168.45	168.45	168.45			
	168.46	168.46	168.46			
	168.47	168.47	168.47			
	168.48	168.48	168.48			
	168.49	168.49	168.49			
	168.50	168.50	168.50			
	168.51	168.51	168.51			
	168.52	168.52	168.52			
	168.53	168.53	168.53			
	168.54	168.54	168.54			
	168.55	168.55	168.55			
	168.56	168.56	168.56			
	168.57	168.57	168.57			
	168.58	168.58	168.58			
	168.59	168.59	168.59			
	168.60	168.60	168.60			
	168.61	168.61	168.61			
	168.62	168.62	168.62			
	168.63	168.63	168.63			
	168.64	168.64	168.64			
	168.65	168.65	168.65			
	168.66	168.66	168.66			
	168.67	168.67	168.67			
	168.68	168.68	168.68			
	168.69	168.69	168.69			
	168.70	168.70	168.70			
	168.71	168.71	168.71			
	168.72	168.72	168.72			
	168.73	168.73	168.73			
	168.74	168.74	168.74			
	168.75	168.75	168.75			
	168.76	168.76	168.76			
	168.77	168.77	168.77			
	168.78	168.78	168.78			
	168.79	168.79	168.79			
	168.80	168.80	168.80			
	168.81	168.81	168.81			
	168.82	168.82	168.82			
	168.83	168.83	168.83			
	168.84	168.84	168.84			
	168.85	168.85	168.85			
	168.86	168.86	168.86			
	168.87	168.87	168.87			
	168.88	168.88	168.88			
	168.89	168.89	168.89			
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	168.91	168.91	168.91			
	168.92	168.92	168.92			
	168.93	168.93	168.93			
	168.94	168.94	168.94			
	168.95	168.95	168.95			
	168.96	168.96	168.96			
	168.97	168.97	168.97			
	168.98	168.98	168.98			
	168.99	168.99	168.99			
	169.00	169.00	169.00			
	169.01	169.01	169.01			
	169.02	169.02	169.02			
	169.03	169.03	169.03			
	169.04	169.04	169.04			
	169.05	169.05	169.05			
	169.06	169.06	169.06			
	169.07	169.07	169.07			
	169.08	169.08	169.08			
	169.09	169.09	169.09			
	169.10	169.10	169.10			
	169.11	169.11	169.11			
	169.12	169.12	169.12			
	169.13	169.13	169.13			
	169.14	169.14	169.14			
	169.15	169.15	169.15			
	169.16	169.16	169.16			
	169.17	169.17	169.17			
	169.18	169.18	169.18			
	169.19	169.19	169.19			
	169.20	169.20	169.20			

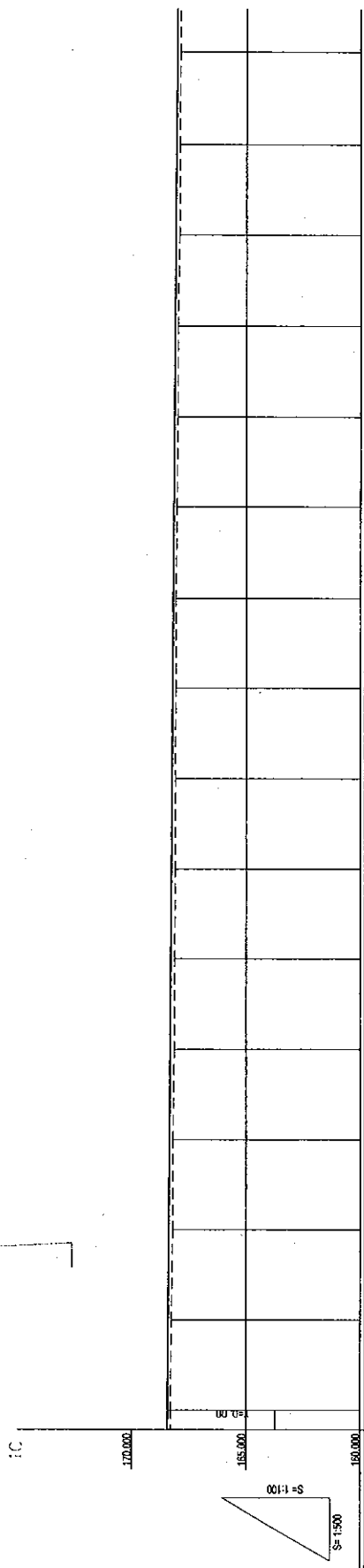
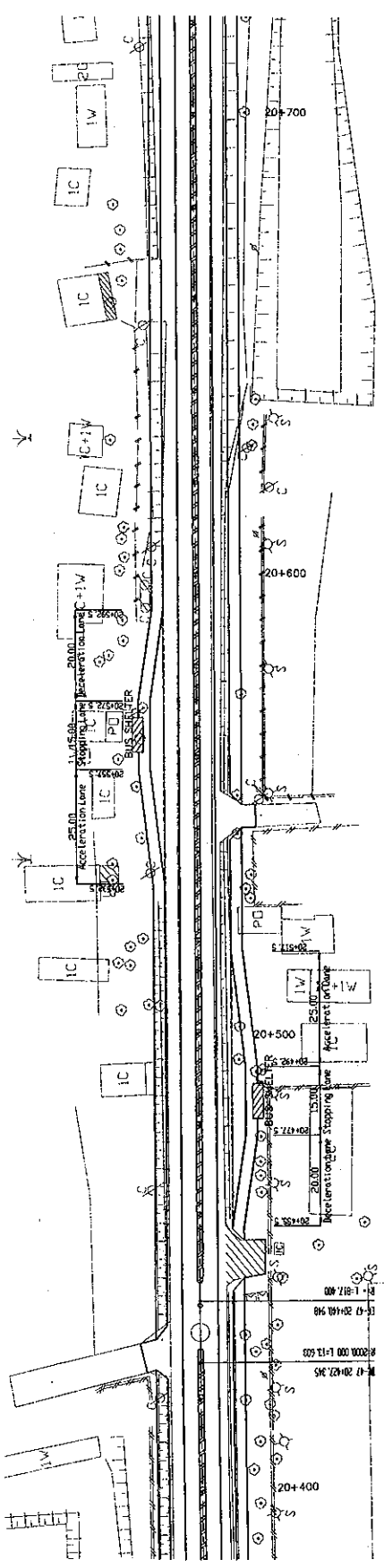


ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC		BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC		JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO. LTD		TITLE: PLAN AND PROFILE (STA. 19+500 - STA. 19+800)		SCALE: H=1:500 V=1:100		DRAWING No. PL-66		RV.
TYPE-1 SECTION-2				TYPE-1 SECTION-1								





DRAWING No: PL-68	
SCALE:	H=1:500 V=1:100
TITLE:	PLAN AND PROFILE (STA. 20+100 - STA. 20+400)
JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO. LTD	
BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	
ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	



VERTICAL ALIGNMENT	STATION	PAVEMENT LEVELS	SURFACE LEVELS	PEGGED CHAINAGE	HORIZONTAL CURVATURE	SUPERELEVATION	TYPICAL CROSS SECTION TYPE
	168.437	168.30	168.30	168.30			
	168.411	168.27	168.27	168.27			
	168.401	168.24	168.24	168.24			
	168.322	168.15	168.15	168.15			
	168.305	168.13	168.13	168.13			
	168.279	168.11	168.11	168.11			
	168.253	168.10	168.10	168.10			
	168.226	168.09	168.09	168.09			
	168.200	168.09	168.09	168.200			
	168.173	168.09	168.09	168.173			
	168.147	168.01	168.01	168.147			
	168.121	168.00	168.00	168.121			
	168.094	167.93	167.93	168.094			
	168.068	167.93	167.93	168.068			
	168.041	167.90	167.90	168.041			

ROADS DEPARTMENT, MINISTRY OF COMMUNICATION
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LAO PEOPLE'S DEMOCRATIC REPUBLIC

BASIC DESIGN STUDY ON THE PROJECT FOR THE
IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE
LAO PEOPLE'S DEMOCRATIC REPUBLIC

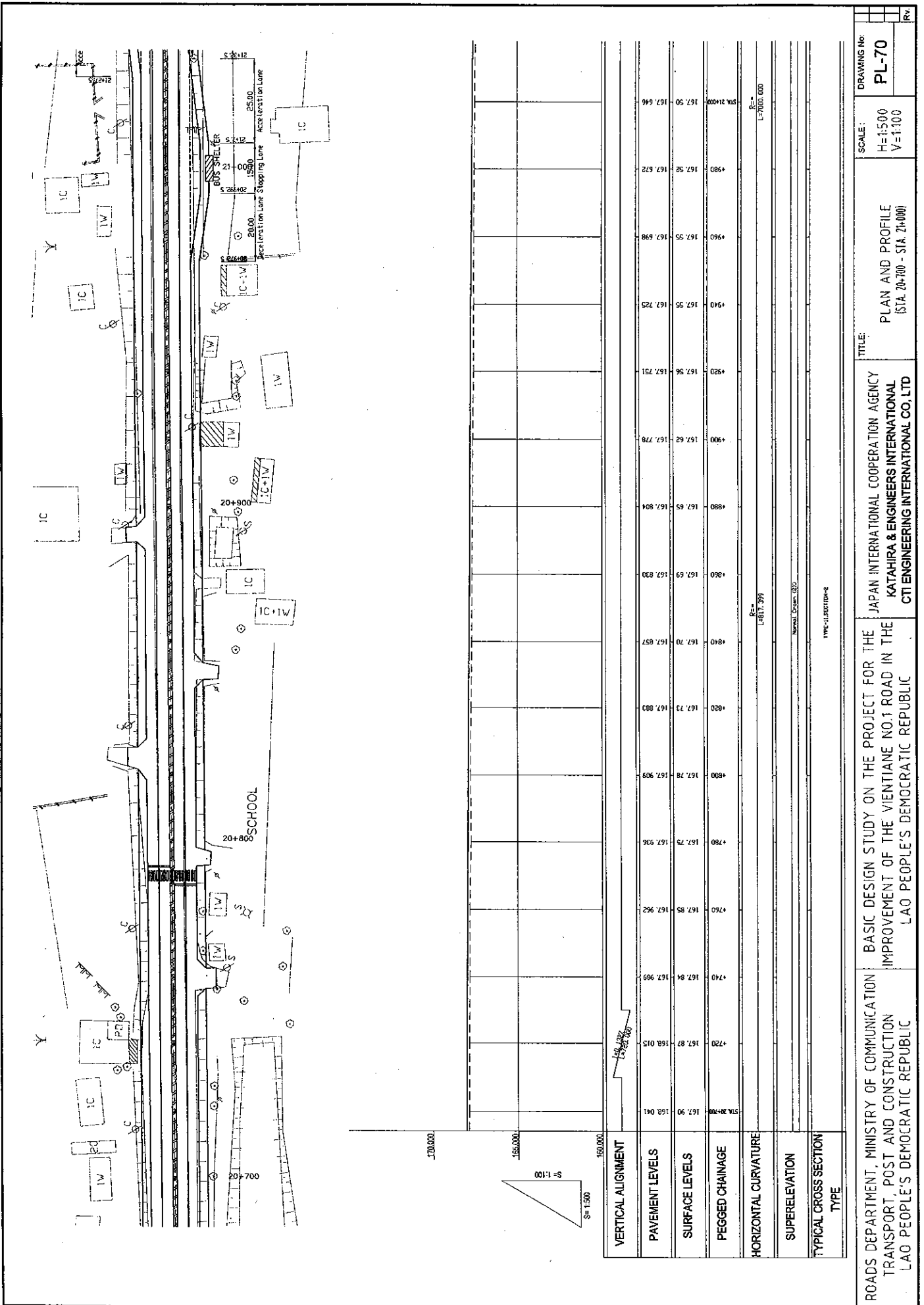
JAPAN INTERNATIONAL COOPERATION AGENCY
KATAHIRA & ENGINEERS INTERNATIONAL
CTI ENGINEERING INTERNATIONAL CO. LTD

TITLE: PLAN AND PROFILE
(STA. 20+400 - STA. 20+700)

SCALE: H=1:500
V=1:100

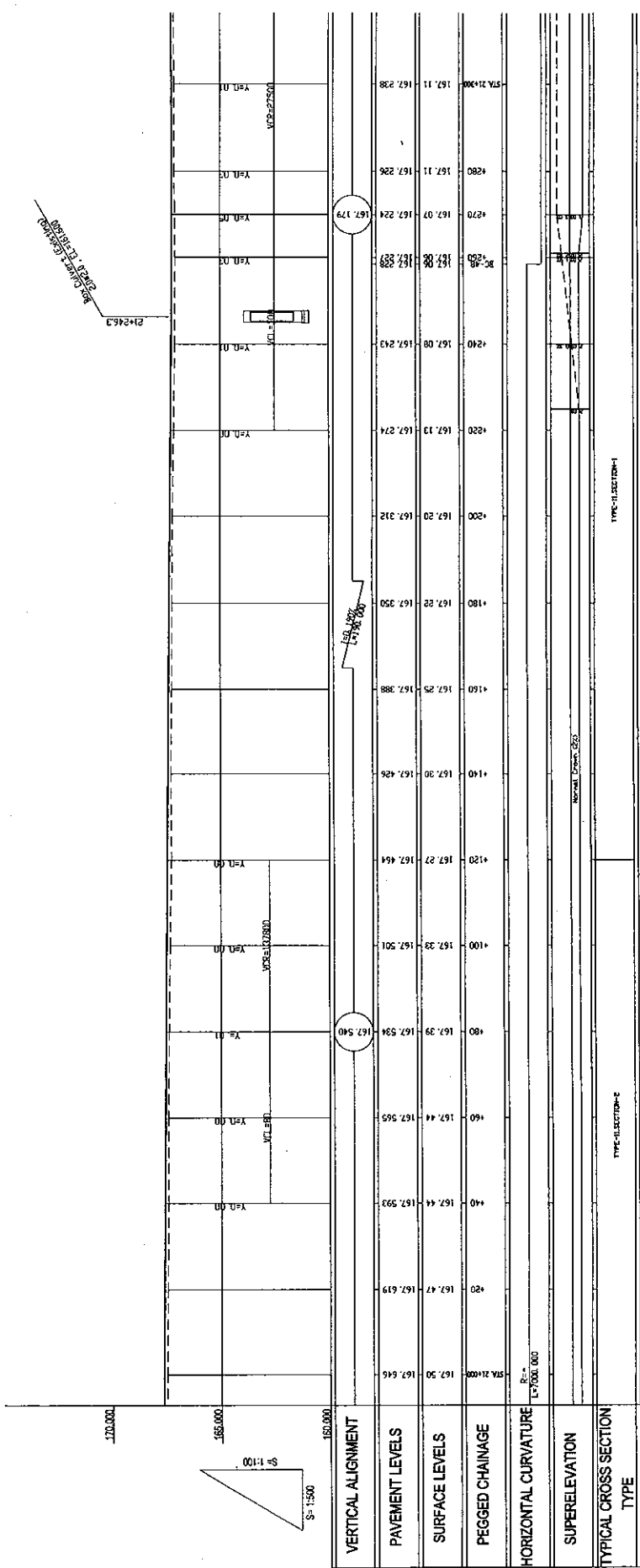
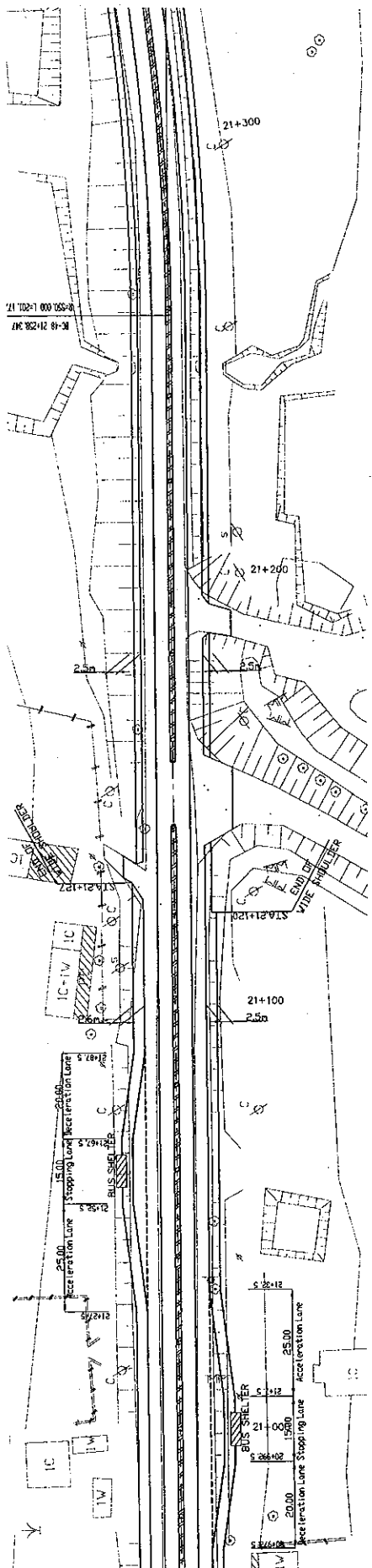
DRAWING No: PL-69

Rev:

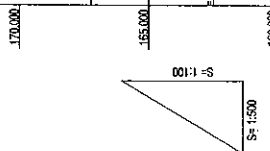
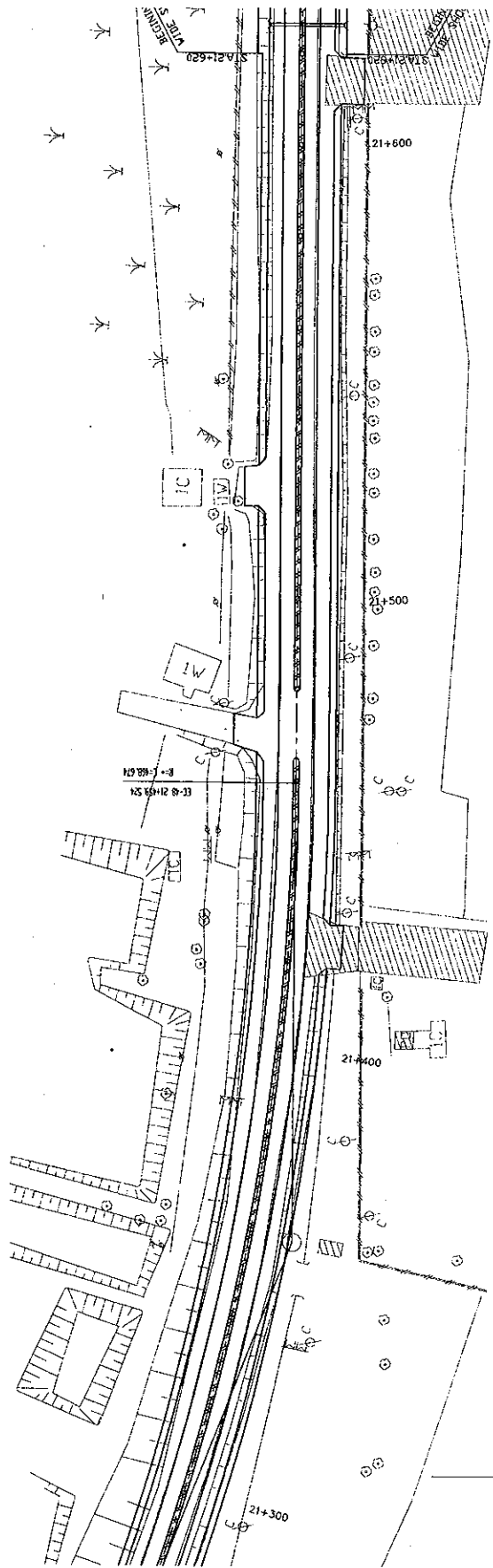


ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC		BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC		JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO., LTD		TITLE: PLAN AND PROFILE (STA. 20+700 - STA. 21+000)		SCALE: H=1:500 V=1:100		DRAWING No: PL-70		RV
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VERTICAL ALIGNMENT	160.000	155.000	170.000
PAVEMENT LEVELS	167.90	168.015	167.989
SURFACE LEVELS	167.94	167.962	167.936
PEGGED CHAINAGE	+720	+740	+760
HORIZONTAL CURVATURE	R=	L=	R=
SUPERELEVATION			
TYPICAL CROSS SECTION			
TYPE			



ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO. LTD	TITLE:	PLAN AND PROFILE (STA. 21+000 - STA. 21+300)
			SCALE:	H=1:500 V=1:100
			DRAWING NO:	PL-71
			REV:	



VERTICAL ALIGNMENT	150.000		155.000		160.000		165.000		170.000	
PAVEMENT LEVELS	167.28	167.305	167.301	167.286	167.20	167.370	167.23	167.405	167.28	167.436
SURFACE LEVELS	167.11	167.298	167.14	167.266	167.31	167.470	167.31	167.470	167.31	167.470
PEGGED CHAINAGE	21+300	21+340	21+380	21+400	21+420	21+440	21+460	21+480	21+500	21+520
HORIZONTAL CURVATURE	Normal Crown 0.50									
SUPERELEVATION	Normal Crown 0.50									
TYPICAL CROSS SECTION	Normal Crown 0.50									
TYPE	TYPE=SECTION=1									

ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION
 LAO PEOPLE'S DEMOCRATIC REPUBLIC

BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE
 LAO PEOPLE'S DEMOCRATIC REPUBLIC

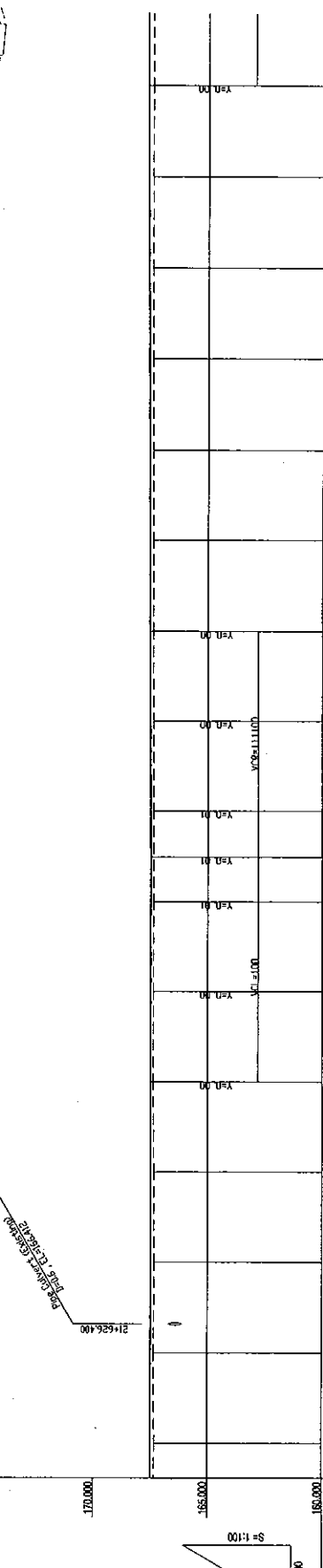
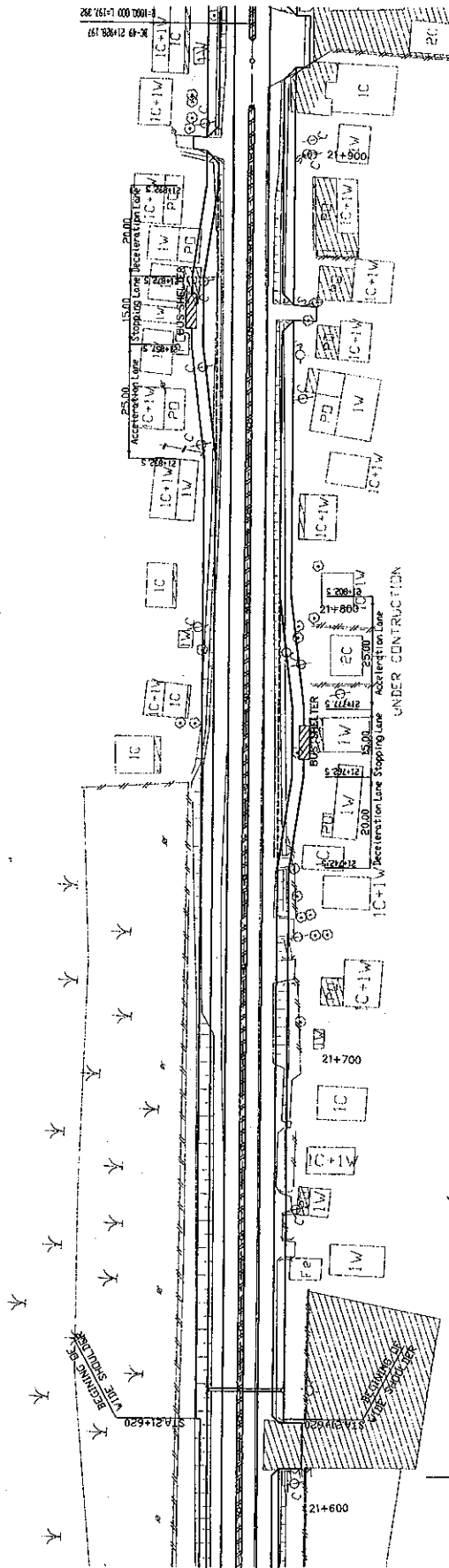
JAPAN INTERNATIONAL COOPERATION AGENCY
 KATAHIRA & ENGINEERS INTERNATIONAL
 CTI ENGINEERING INTERNATIONAL CO. LTD

TITLE: PLAN AND PROFILE (STA. 21+300 - STA. 21+600)

SCALE: H=1:500 V=1:100

DRAWING NO: PL-72

RV: []



VERTICAL ALIGNMENT	STATION	ELEVATION (YEN M)
PAVEMENT LEVELS	009+21	167.492
SURFACE LEVELS	009+21	167.492
PEGGED CHANGAGE	009+21	167.492
HORIZONTAL CURVATURE	009+21	167.492
SUPERELEVATION	009+21	167.492
TYPICAL CROSS SECTION TYPE	009+21	167.492

ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION
 LAO PEOPLE'S DEMOCRATIC REPUBLIC

BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC

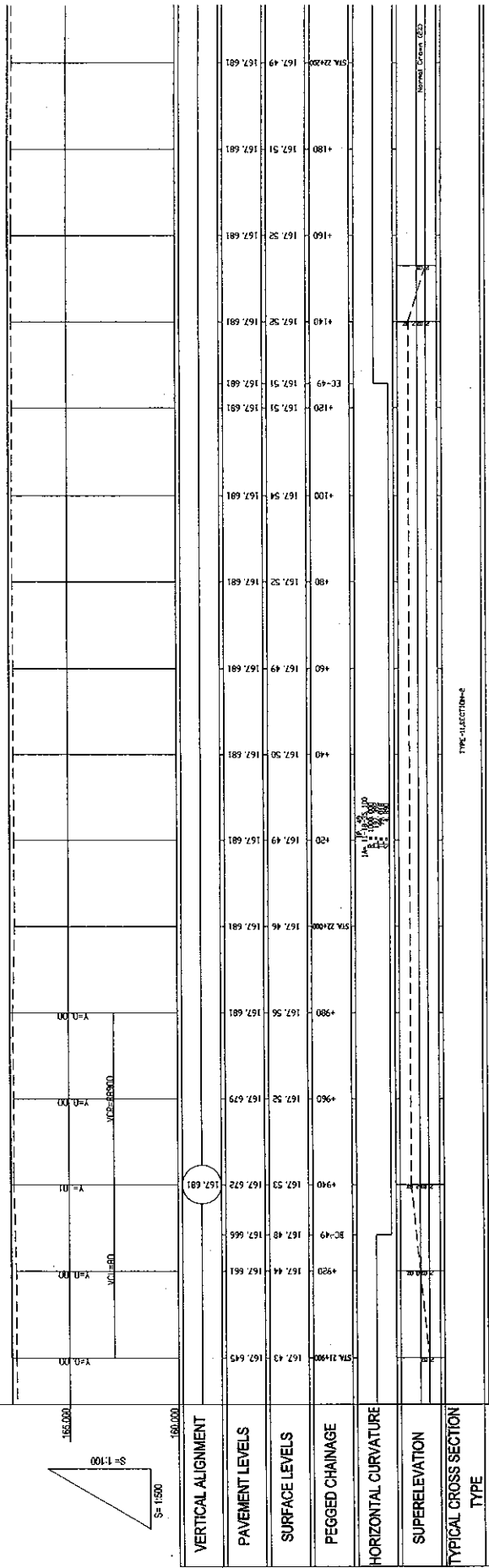
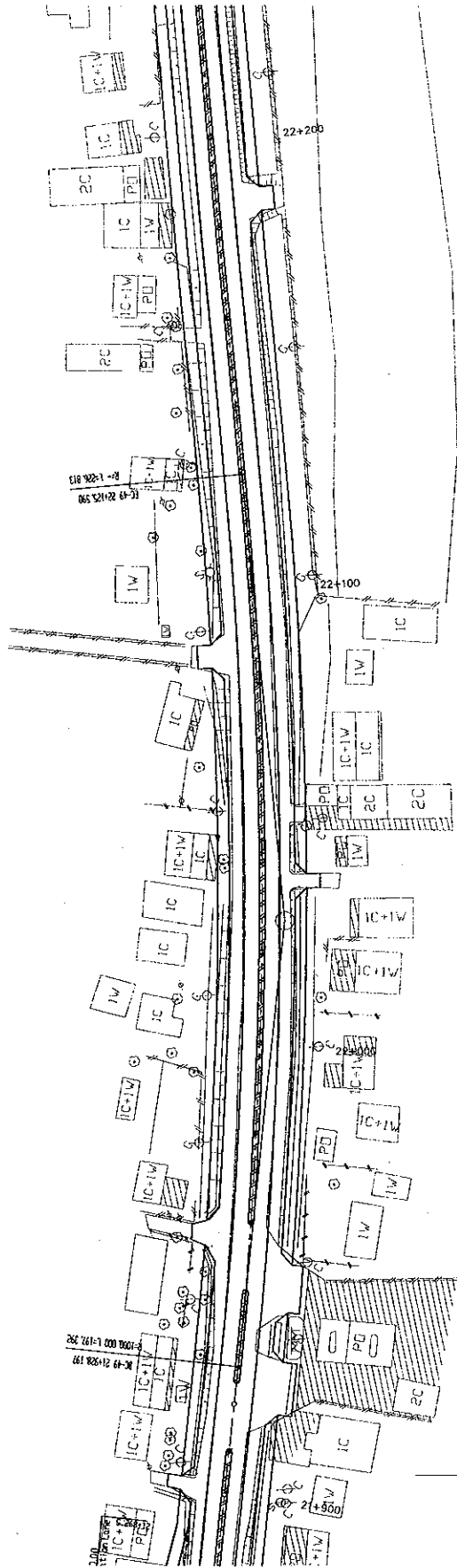
JAPAN INTERNATIONAL COOPERATION AGENCY
 KATAHIRA & ENGINEERS INTERNATIONAL
 CTI ENGINEERING INTERNATIONAL CO. LTD

TITLE: PLAN AND PROFILE (STA. 214+000 - STA. 214+900)

SCALE: H=1:500 V=1:100

DRAWING NO: PL-73

Rev.



ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CIT ENGINEERING INTERNATIONAL CO, LTD	TITLE:	PLAN AND PROFILE (STA. 21+900 - STA. 22+200)	SCALE:	H=1:500 V=1:100	DRAWING NO.	PL-74
			REV.					

DRAWING NO:
PL-75

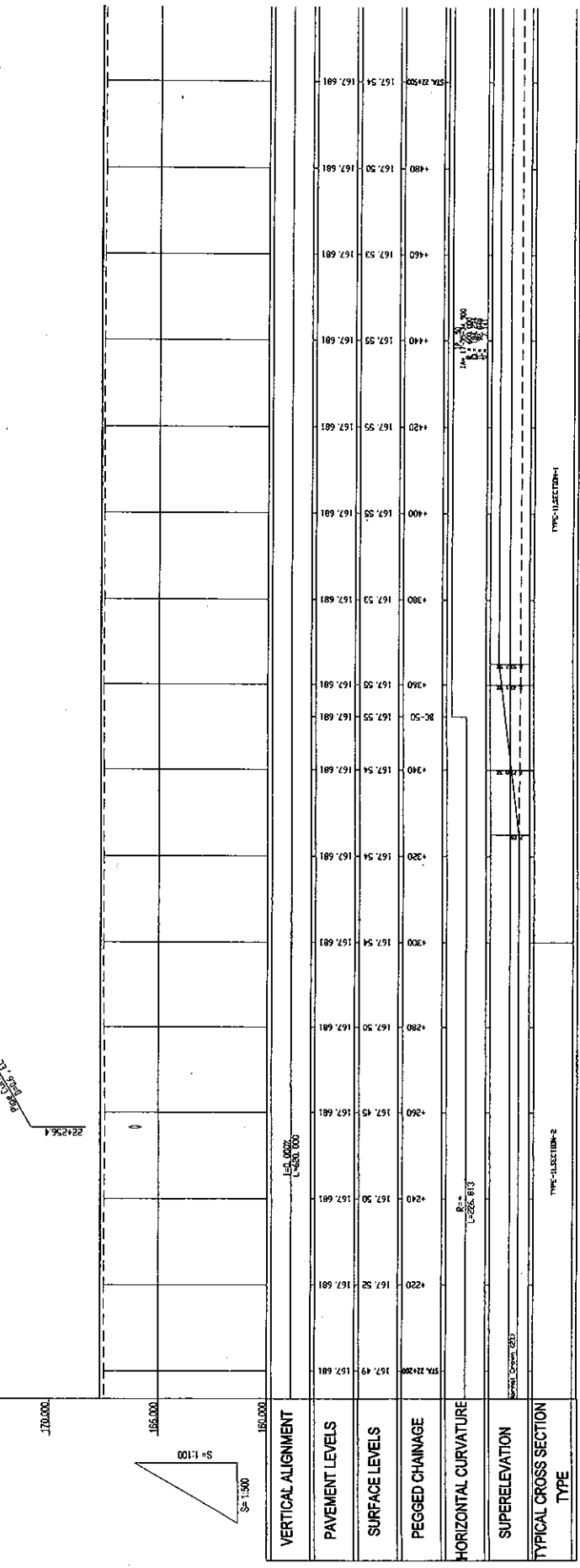
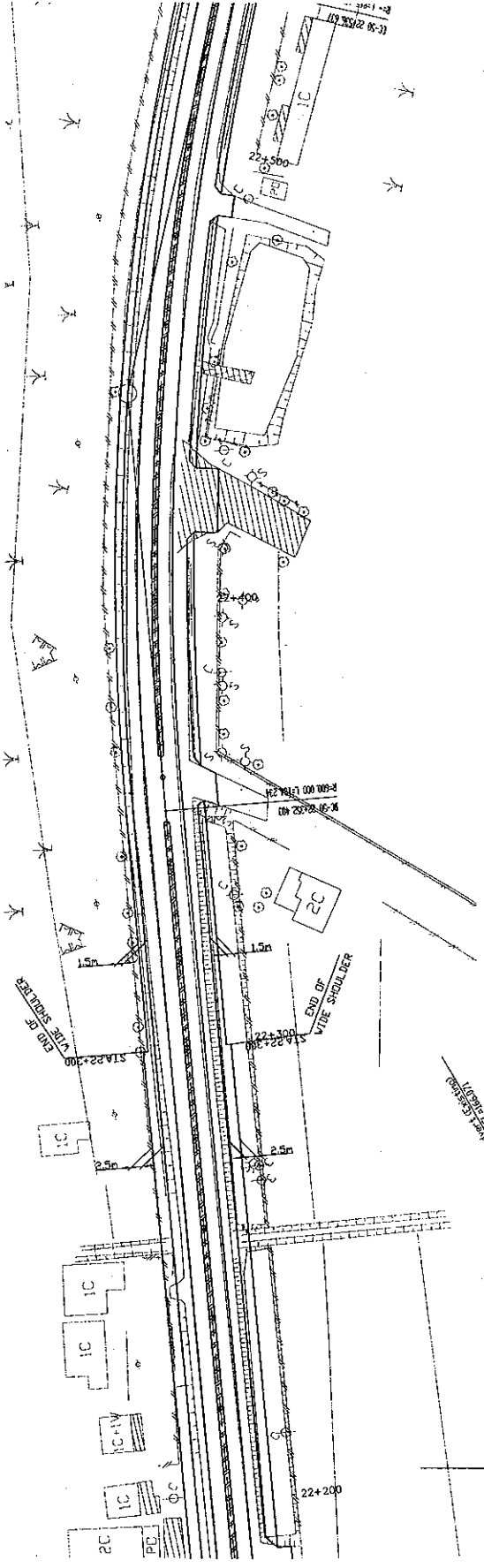
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H=1:500
V=1:100

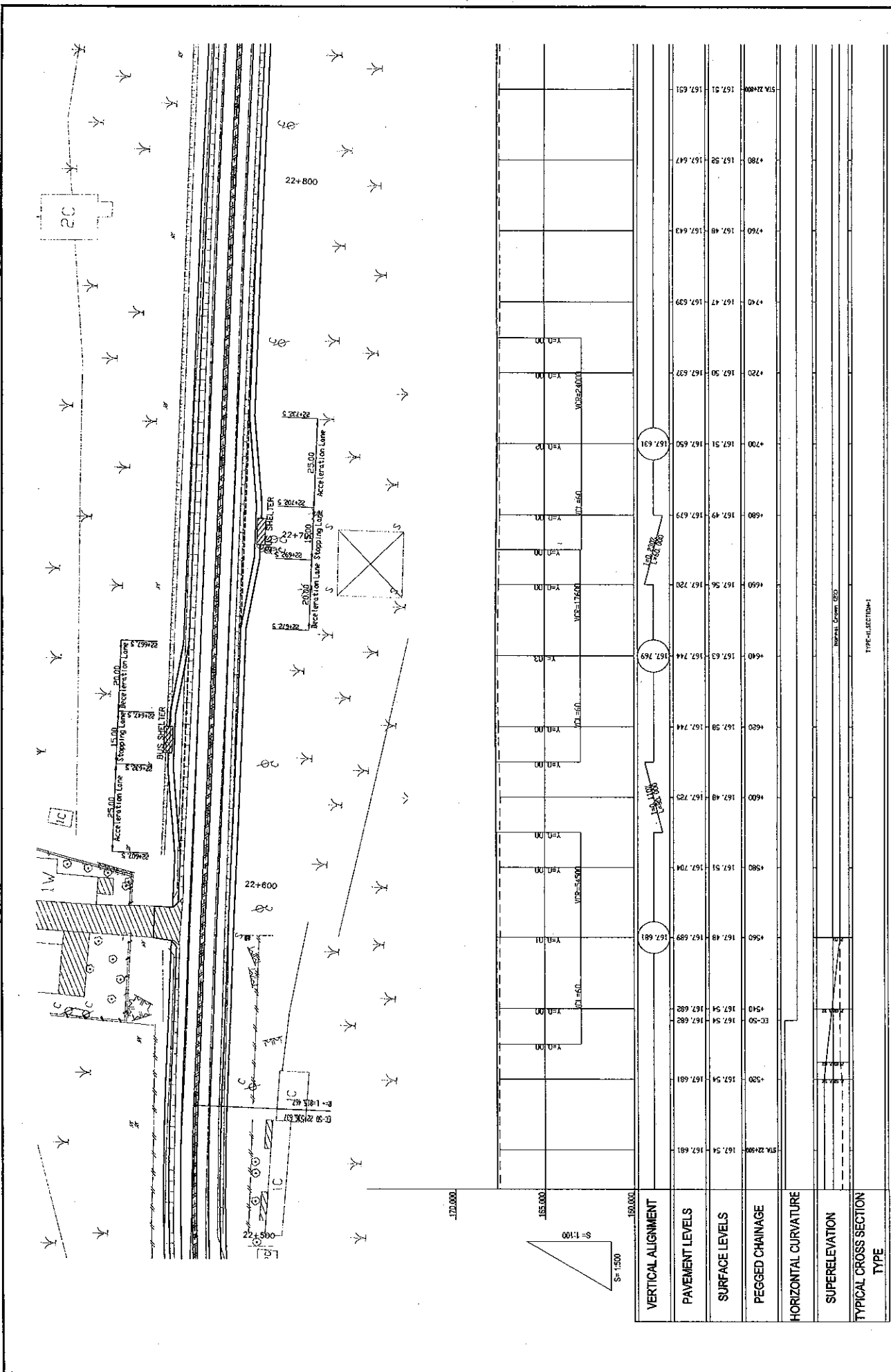
TITLE:
PLAN AND PROFILE
(STA 22+200 - STA 22+500)

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

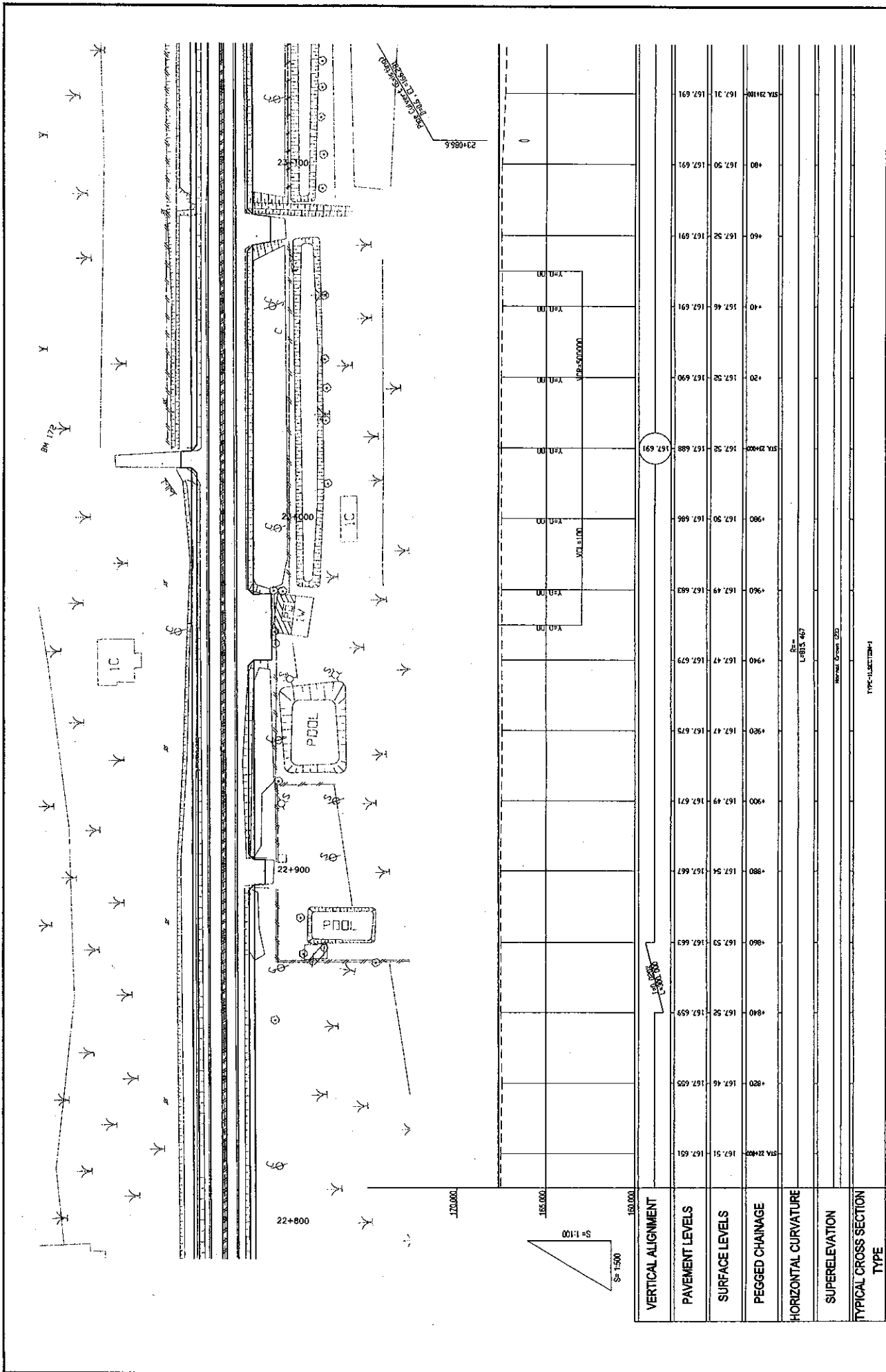
BASIC DESIGN STUDY ON THE PROJECT FOR THE
IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE
LAO PEOPLE'S DEMOCRATIC REPUBLIC

ROADS DEPARTMENT, MINISTRY OF COMMUNICATION
TRANSPORT, POST AND CONSTRUCTION
LAO PEOPLE'S DEMOCRATIC REPUBLIC





DRAWING No.		PL-76
SCALE:		H=1:500 V=1:100
TITLE:		PLAN AND PROFILE (STA. 22+500 - STA. 22+800)
JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO, LTD		
ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC		BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC
TYPE		TYPE-I, SECTION-1



ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC

BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC

JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CITI ENGINEERING INTERNATIONAL CO, LTD

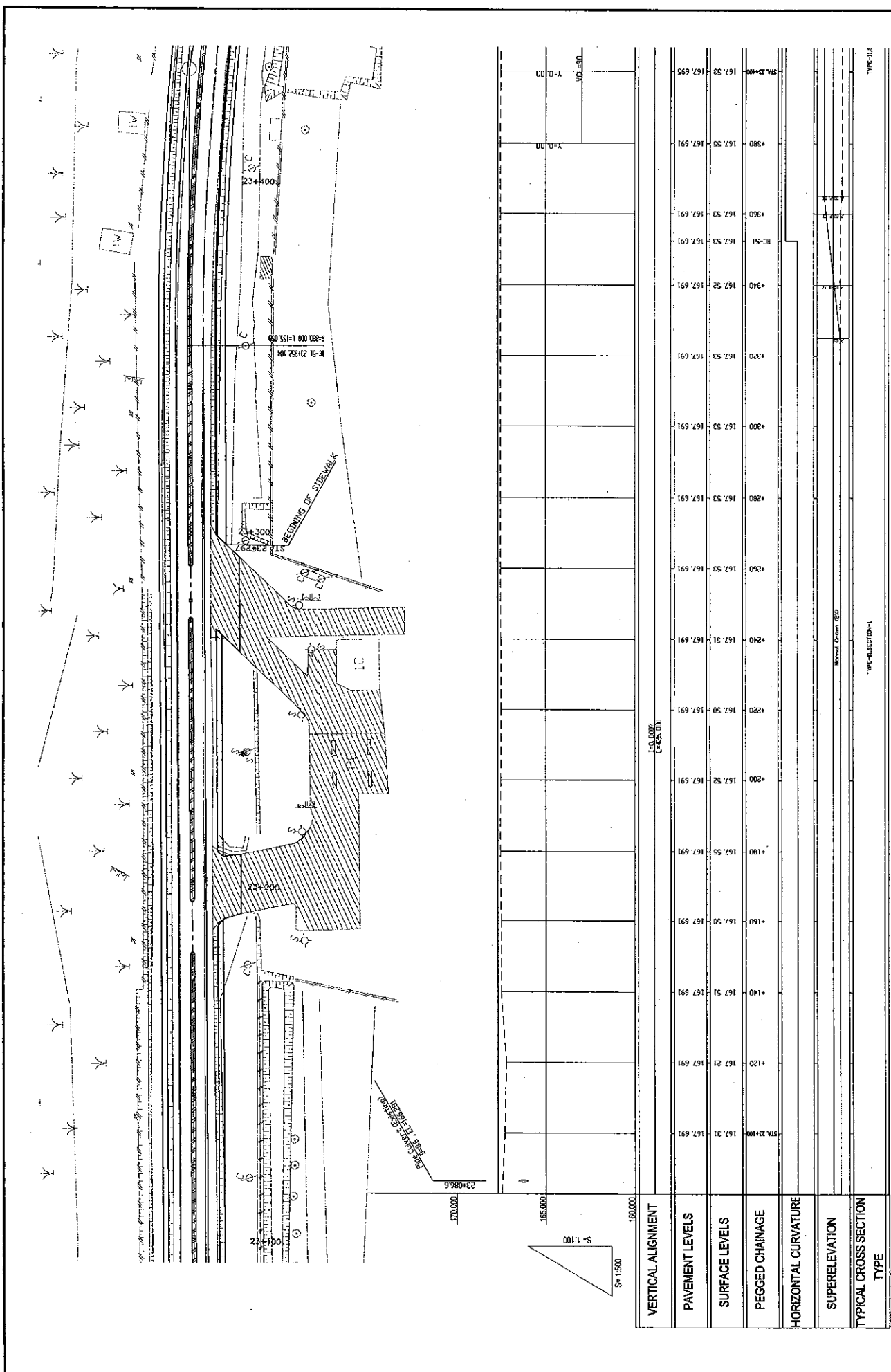
TITLE:

PLAN AND PROFILE (STA. 22+800 - STA. 23+400)

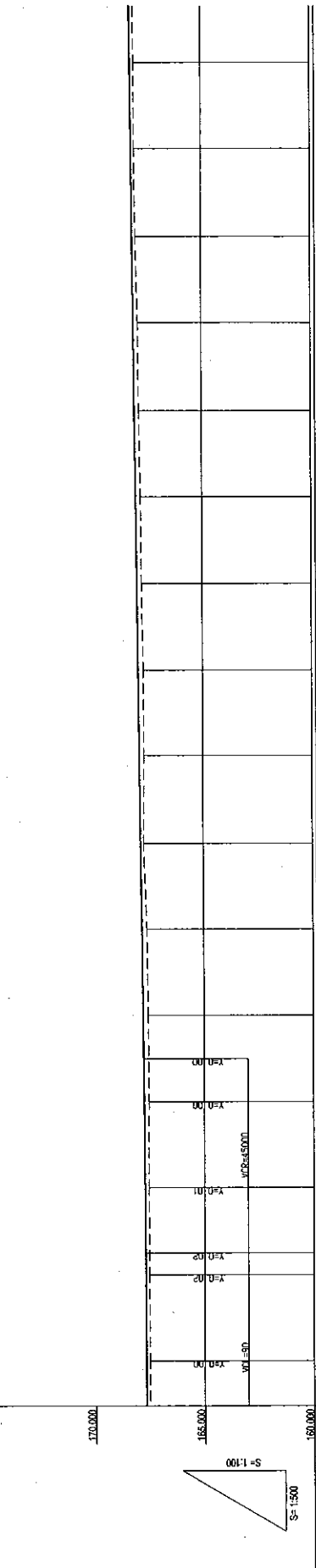
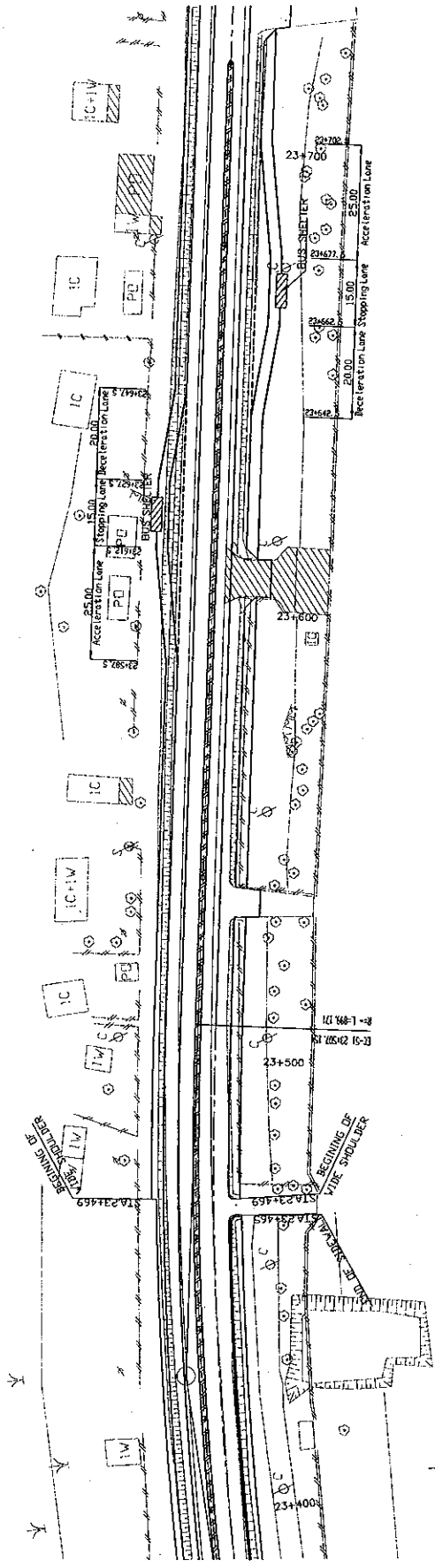
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DRAWING NO: PL-77

REV:

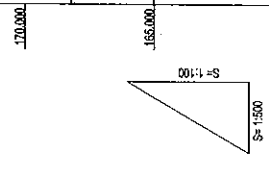
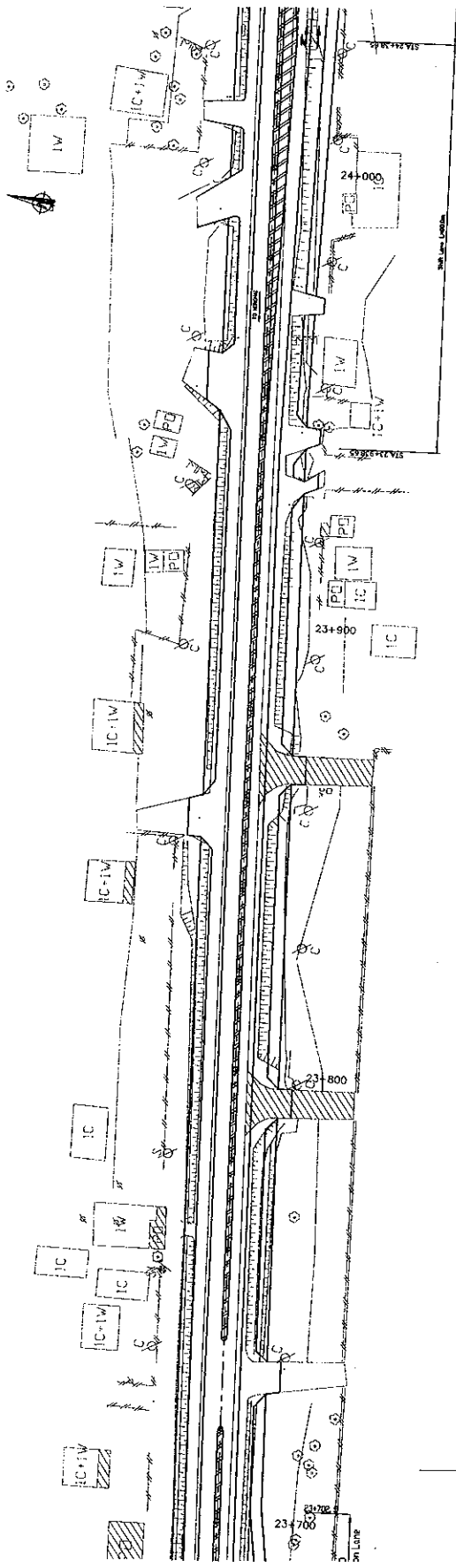


ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO., LTD	TITLE:	PLAN AND PROFILE (STA. 23+00 - STA. 23+400)	SCALE: H=1:500 V=1:100	DRAWING NO: PL-78	Rv
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TYPE	TYPE=1 SECTION=1	TYPE=11 SECTION=2
VERTICAL ALIGNMENT	162.53 162.695	167.57 167.801
PAVEMENT LEVELS	162.54 162.709	167.74 167.981
SURFACE LEVELS	162.54 162.713	167.66 167.855
PEGGED CHAINAGE	162.53 162.731	167.71 167.921
HORIZONTAL CURVATURE		
SUPERELEVATION		
TYPICAL CROSS SECTION		
TYPE		
STA. 21+00	162.53 162.695	167.57 167.801
+20	162.54 162.709	167.74 167.981
+25	162.54 162.713	167.66 167.855
+40	162.55 162.731	167.71 167.921
+460	162.55 162.762	167.74 167.981
+490	162.57 162.801	167.71 167.921
+560	162.72 162.961	167.72 167.961
+580	162.79 168.001	167.79 168.001
+600	162.82 168.041	167.82 168.041
+620	162.87 168.081	167.87 168.081
+640	162.92 168.121	167.92 168.121
+660	162.91 168.161	167.91 168.161
+680	162.88 168.201	167.88 168.201
STA. 23+00	162.84 168.241	167.81 168.241

ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO. LTD	TITLE:	PLAN AND PROFILE (STA. 23+400 - STA. 23+700)
			SCALE:	H=1:500 V=1:100
			DRAWING NO.:	PL-79



VERTICAL ALIGNMENT	+720		+740		+750		+760		+780		+800		+820		+840		+850		+880		+900		+920		+940		+960		+980		STA 24+000	
PAVEMENT LEVELS	168.09	168.241	168.13	168.303	168.300	168.288	168.11	168.288	168.13	168.236	168.13	168.166	167.96	168.096	167.87	168.026	167.84	167.956	167.74	167.886	167.65	167.816	167.57	167.749	167.60	167.706	167.56	167.686	167.58	167.694	167.58	167.702
SURFACE LEVELS	168.12	168.281	168.15	168.303	168.300	168.288	168.11	168.288	168.13	168.236	168.13	168.166	167.96	168.096	167.87	168.026	167.84	167.956	167.74	167.886	167.65	167.816	167.57	167.749	167.60	167.706	167.56	167.686	167.58	167.694	167.58	167.702
PEGGED CHAINAGE	168.09	168.241	168.13	168.303	168.300	168.288	168.11	168.288	168.13	168.236	168.13	168.166	167.96	168.096	167.87	168.026	167.84	167.956	167.74	167.886	167.65	167.816	167.57	167.749	167.60	167.706	167.56	167.686	167.58	167.694	167.58	167.702
HORIZONTAL CURVATURE																																
SUPERELEVATION																																
TYPICAL CROSS SECTION																																
TYPE																																

ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC

BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC

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

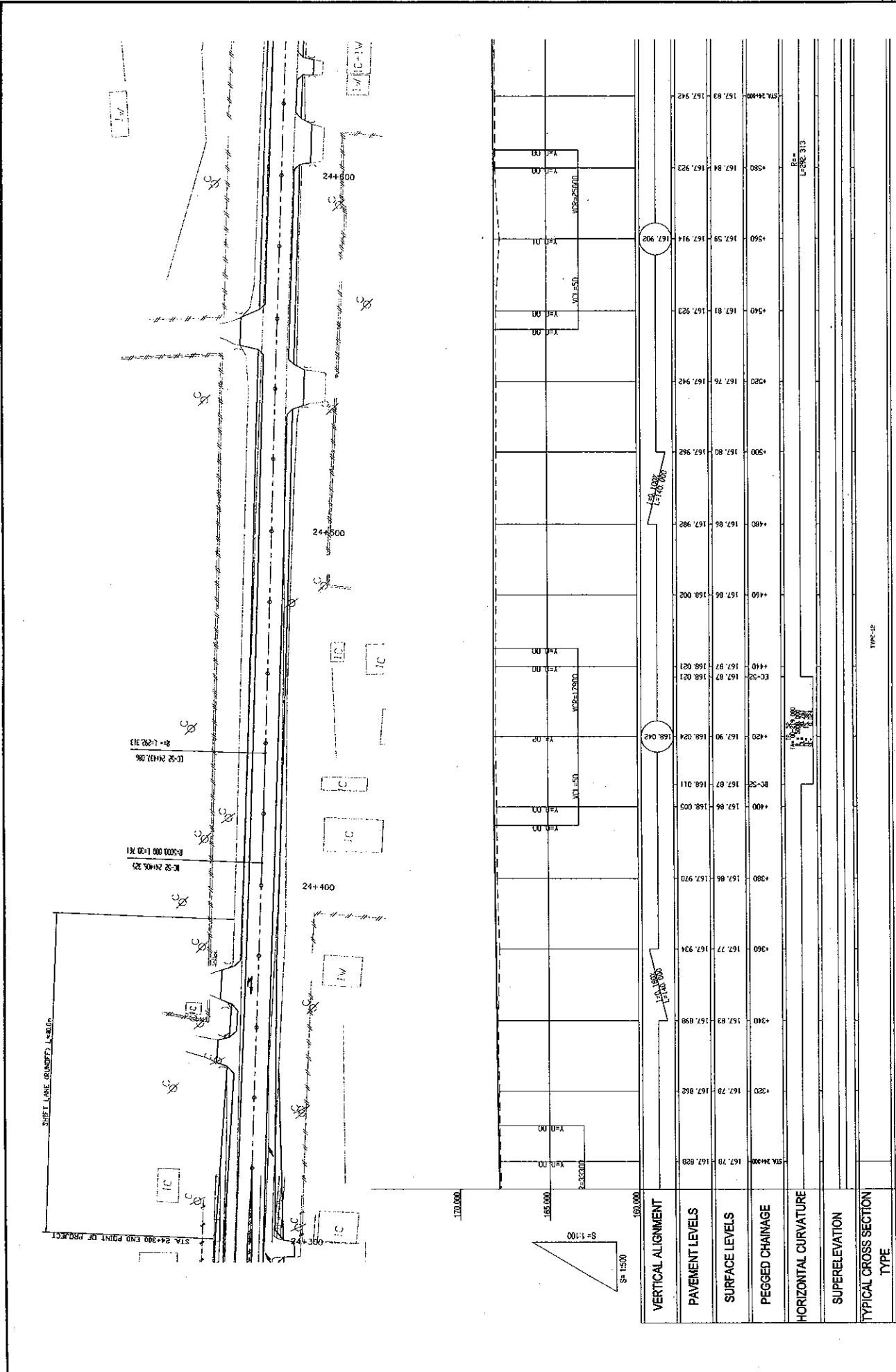
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SCALE: H=1:500 V=1:100

DRAWING No: PL-80

Rev: []

ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO. LTD	TITLE:	PLAN AND PROFILE (STA. 24+300 - STA. 24+600)	SCALE:	H=1:500 V=1:100	DRAWING NO:	PL-82
			REV.					



DRAWING NO: PL-83
 SCALE: H=1:500
 V=1:100

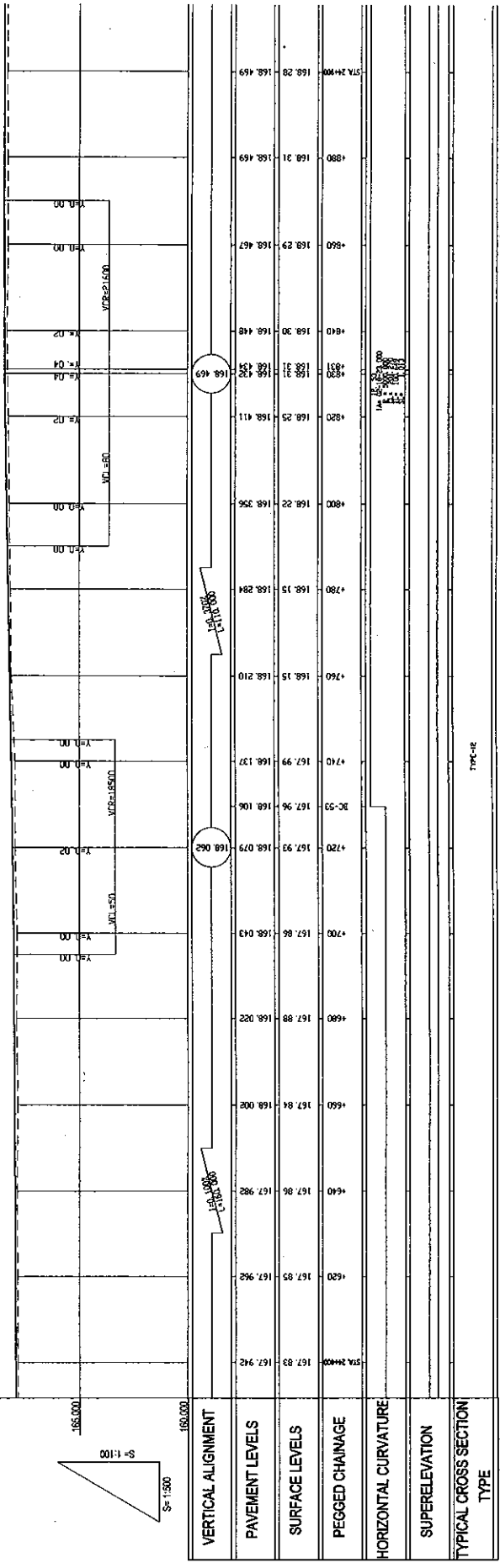
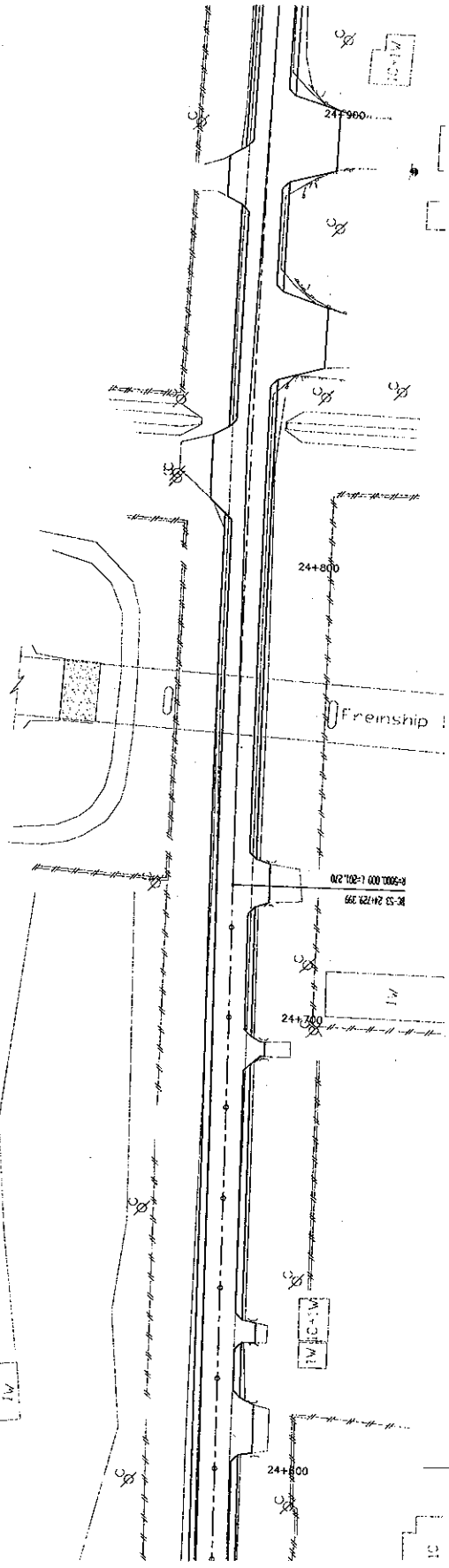
TITLE: PLAN AND PROFILE
 (STA. 24+600 - STA. 24+900)

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

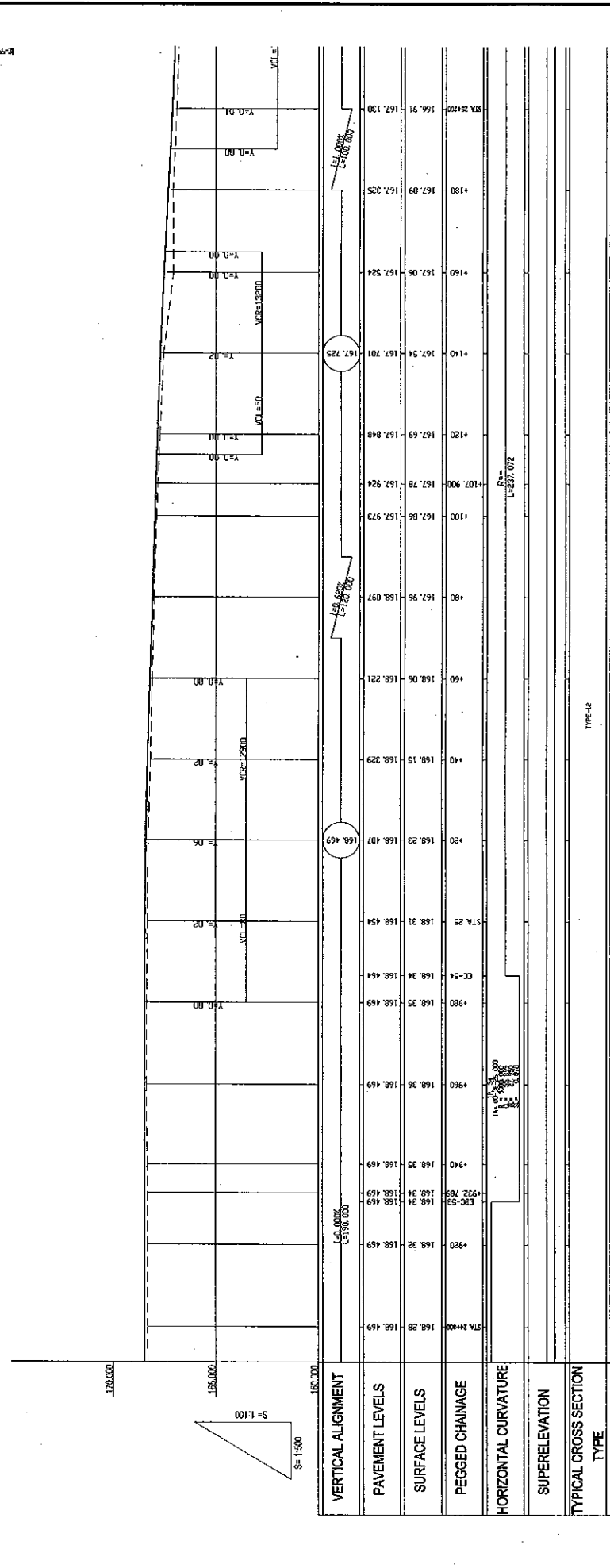
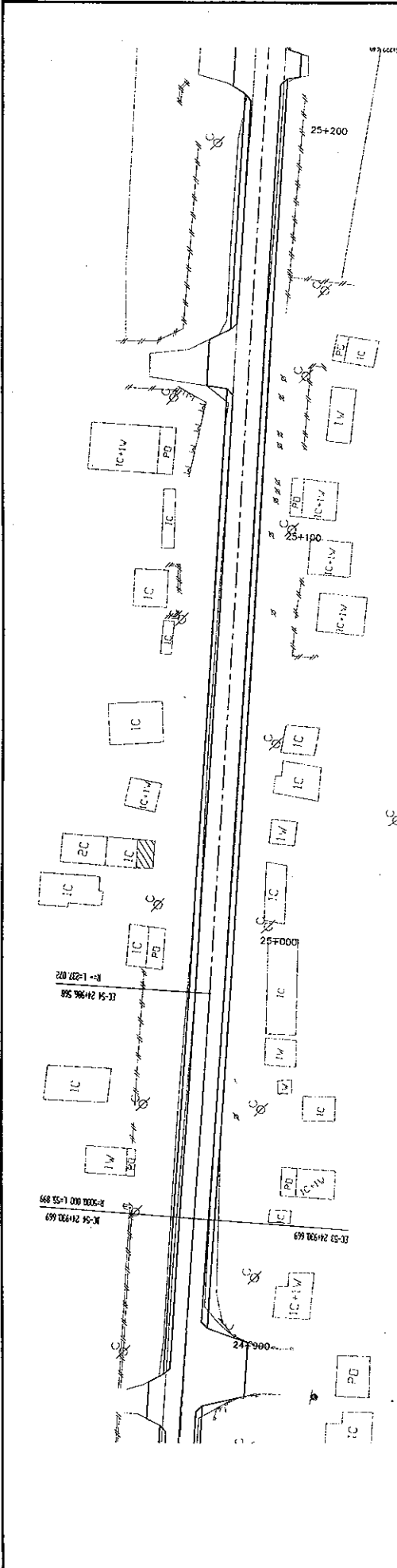
BASIC DESIGN STUDY ON THE PROJECT FOR THE
 IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE
 LAO PEOPLE'S DEMOCRATIC REPUBLIC

ROADS DEPARTMENT, MINISTRY OF COMMUNICATION
 TRANSPORT, POST AND CONSTRUCTION
 LAO PEOPLE'S DEMOCRATIC REPUBLIC

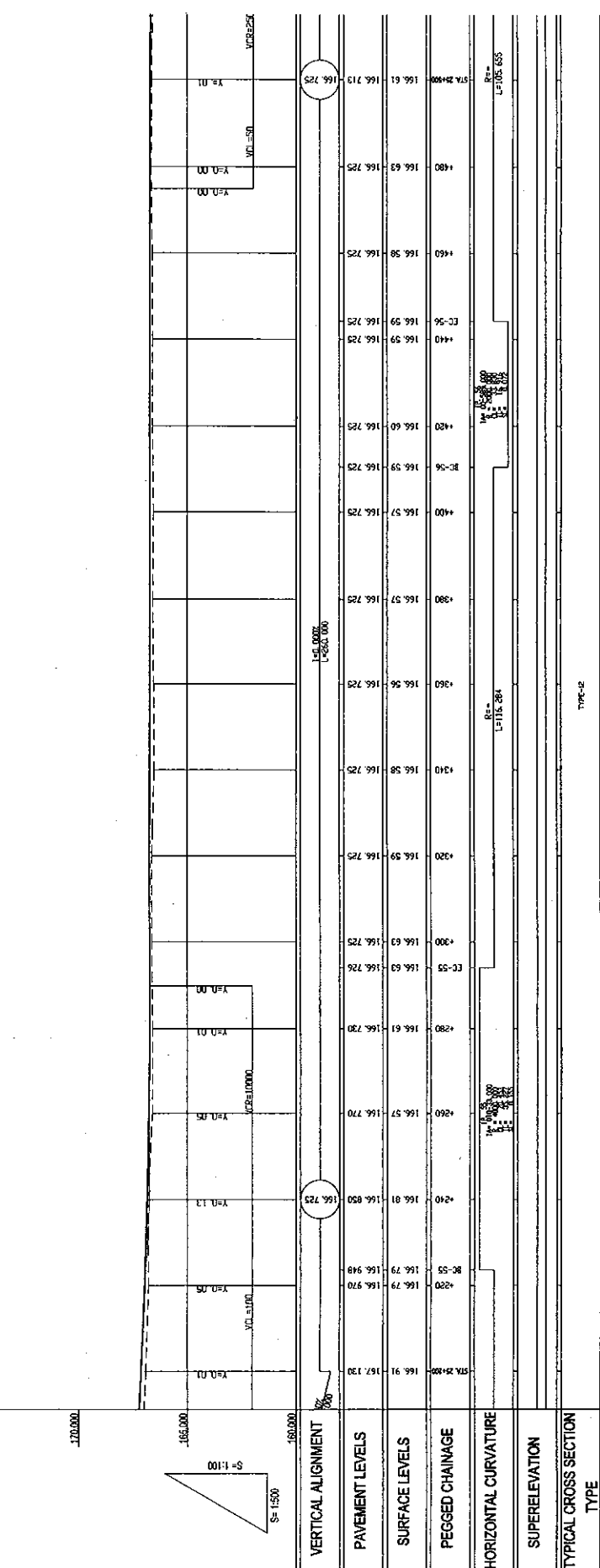
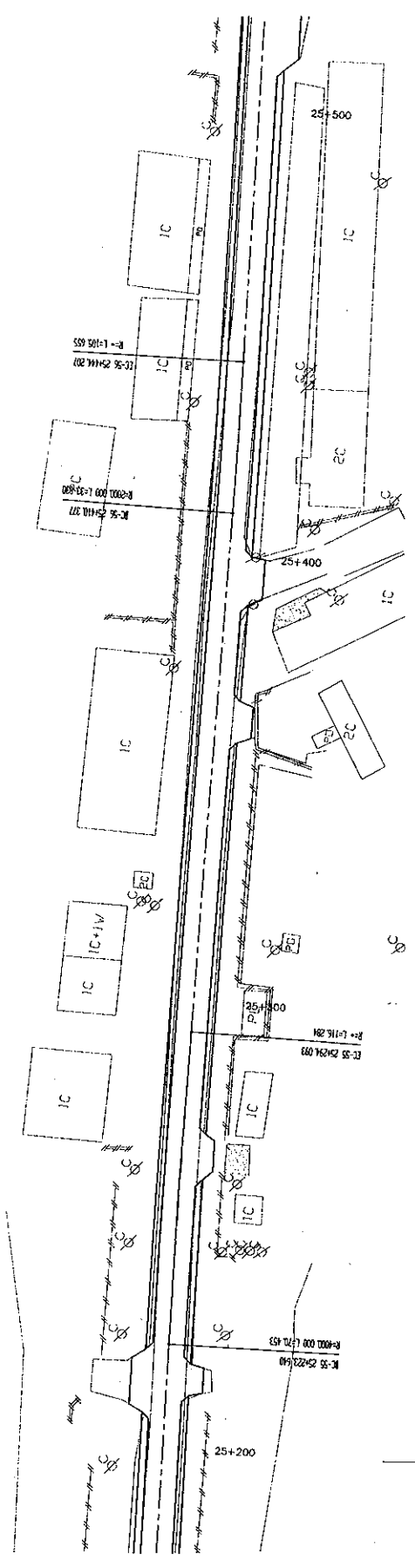
Rev.



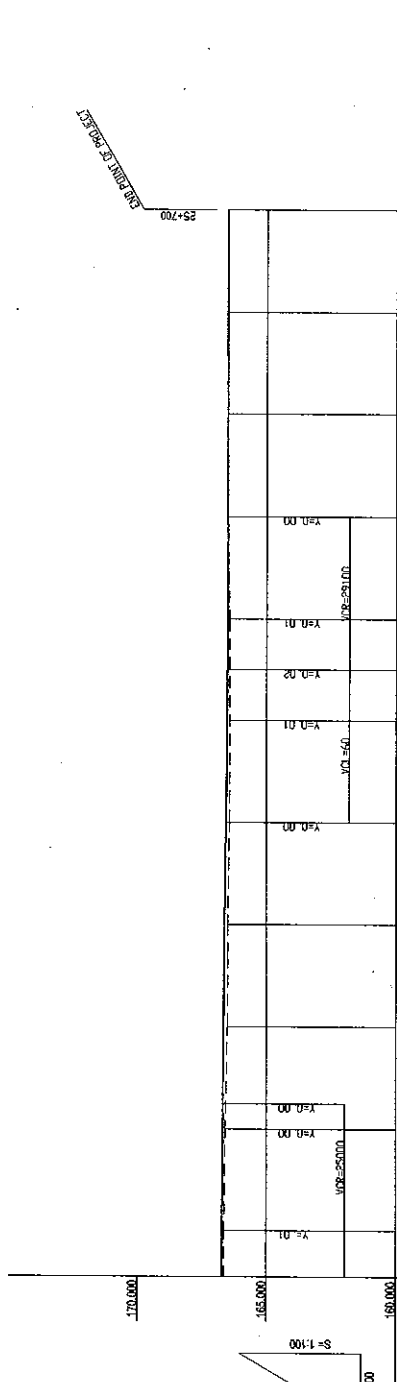
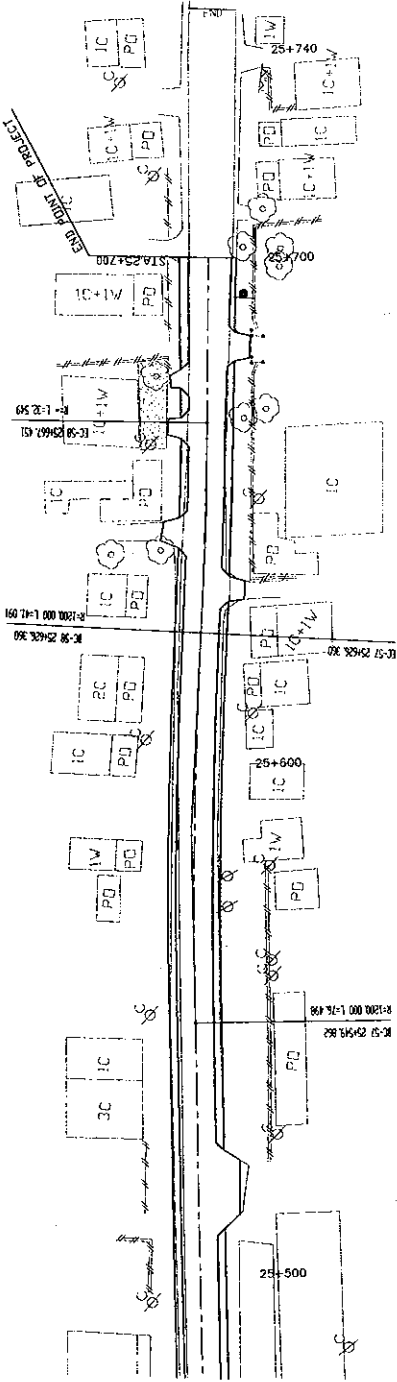
VERTICAL ALIGNMENT	PAVEMENT LEVELS	SURFACE LEVELS	PEGGED CHAINAGE	HORIZONTAL CURVATURE	SUPERELEVATION	TYPICAL CROSS SECTION TYPE
168.469	168.29	167.93	24+400			
168.31	168.29	167.98	24+420			
168.467	168.30	167.84	24+440			
168.448	168.22	167.88	24+460			
168.411	168.15	167.88	24+480			
168.25	168.15	167.88	24+500			
168.11	168.22	167.96	24+520			
168.00	168.22	167.96	24+540			
168.00	168.284	167.88	24+560			
168.15	168.284	167.88	24+580			
168.210	168.15	167.96	24+600			
168.137	168.15	167.96	24+620			
168.079	168.00	167.96	24+640			
168.043	168.00	167.96	24+660			
168.022	168.00	167.96	24+680			
168.000	168.00	167.96	24+700			
167.982	168.00	167.96	24+720			
167.962	168.00	167.96	24+740			
167.942	168.00	167.96	24+760			
167.922	168.00	167.96	24+780			
167.902	168.00	167.96	24+800			
167.882	168.00	167.96	24+820			
167.862	168.00	167.96	24+840			
167.842	168.00	167.96	24+860			
167.822	168.00	167.96	24+880			
167.802	168.00	167.96	24+900			



ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC		BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO 1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC		JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO. LTD		TITLE: PLAN AND PROFILE (STA. 24+900 - STA. 25+200)		SCALE: H=1:500 V=1:100		DRAWING NO: PL-84	
										Rv	

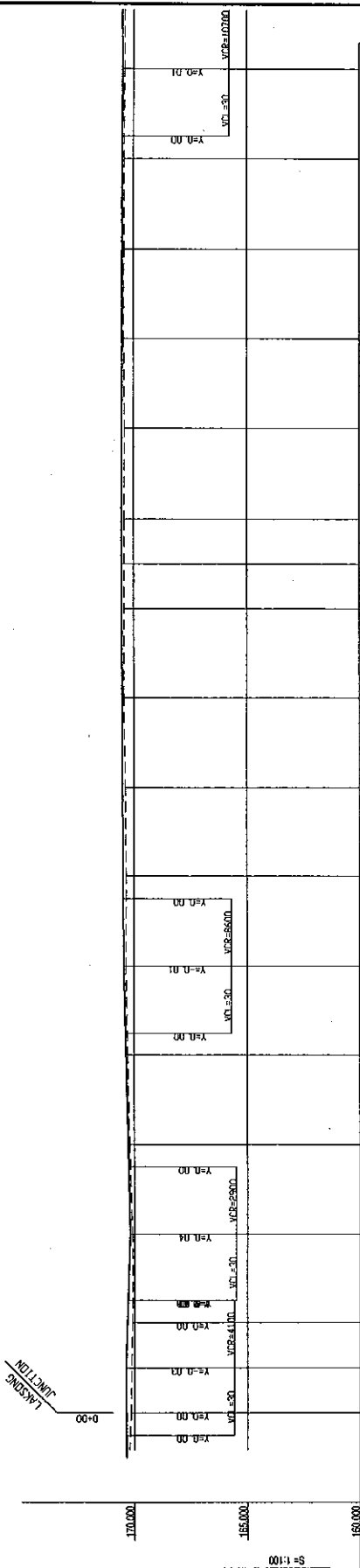
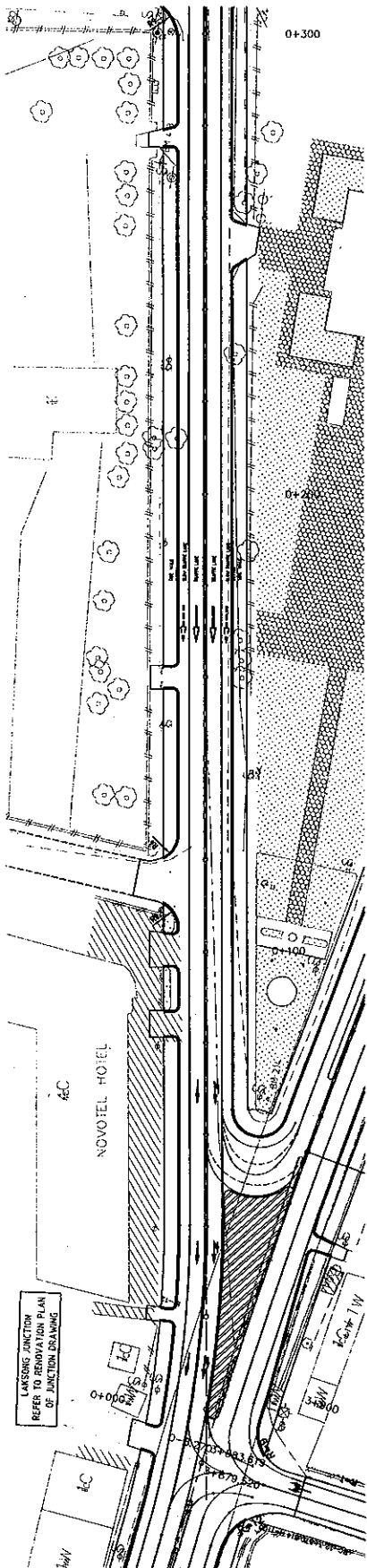


ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO. LTD	TITLE: PLAN AND PROFILE (STA. 25+200 - STA. 25+500)	SCALE: H=1:500 V=1:100	DRAWING No: PL-85	REV.
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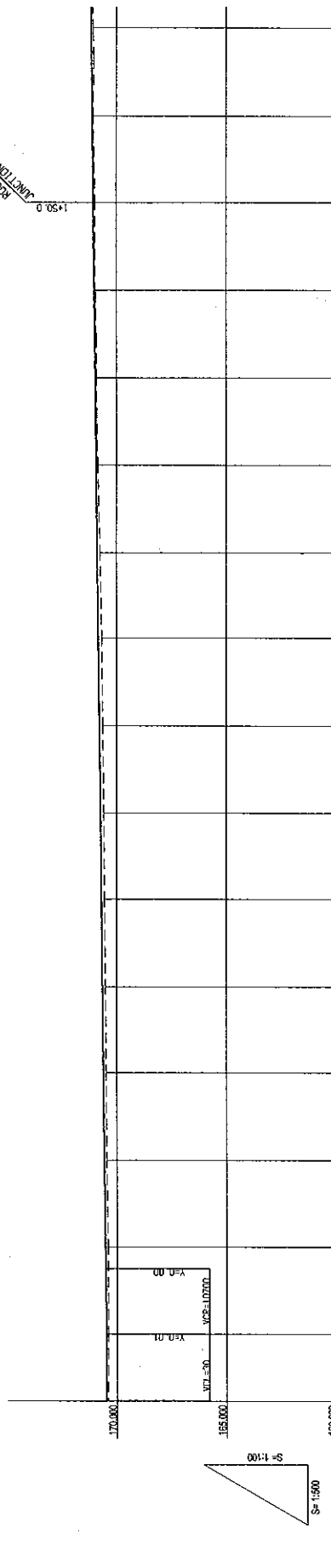
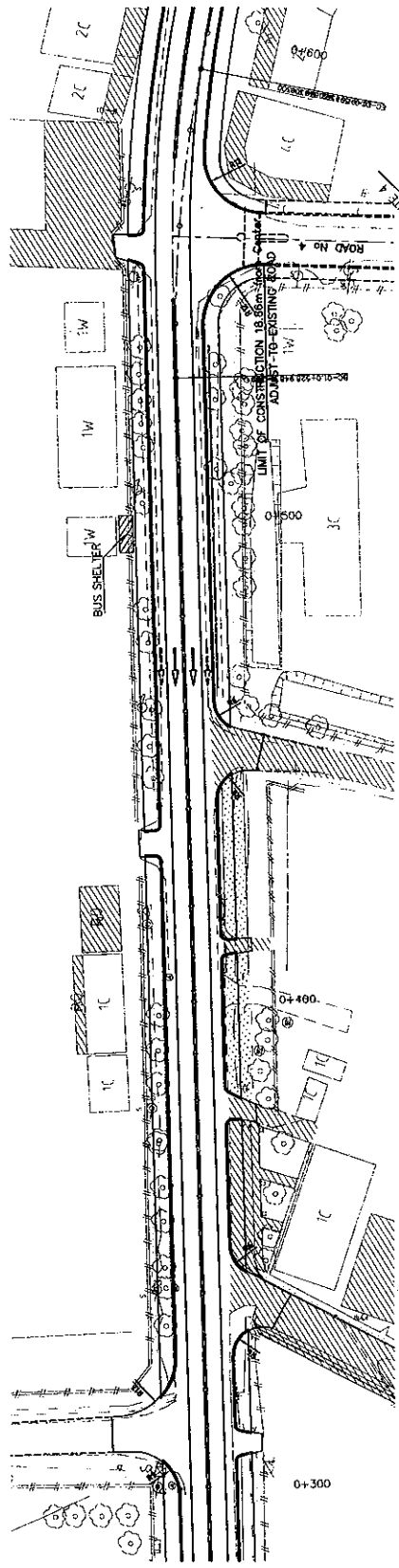
VERTICAL ALIGNMENT	166.725	166.505	166.510	166.507	166.508	166.508	166.509	166.510	166.510
PAVEMENT LEVELS	166.684	166.713	166.713	166.684	166.684	166.684	166.684	166.684	166.684
SURFACE LEVELS	166.598	166.645	166.645	166.645	166.645	166.645	166.645	166.645	166.645
PEGGED CHAINAGE	2499	2540	2570	2600	2630	2660	2690	2720	2750
HORIZONTAL CURVATURE	R=1026.855 L=108.855								R=1026.855 L=108.855
SUPERELEVATION									
TYPICAL CROSS SECTION TYPE	TYPE-2								

ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO. LTD	TITLE: PLAN AND PROFILE (STA 25+500 - 25+700)
SCALE: H=1:500 V=1:100		DRAWING NO: PL-86	



VERTICAL ALIGNMENT	170.484	170.40	170.42	170.496	170.42	170.508	170.42	170.45	170.520	170.41	170.528	170.44	170.514	170.44	170.550	170.44	170.540	170.44	170.520	170.38	170.500	170.35	170.480	170.36	170.447	170.450	170.29	170.370	170.20	170.280	170.09	170.229	170.190	170.12	170.349	170.15	170.334				
PAVEMENT LEVELS																																									
SURFACE LEVELS																																									
PEGGED CHAINAGE																																									
HORIZONTAL CURVATURE																																									
SUPERELEVATION																																									
TYPICAL CROSS SECTION																																									
TYPE																																									

ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CITI ENGINEERING INTERNATIONAL CO, LTD	TITLE	PLAN AND PROFILE (1-A) (STA. 0+000 - STA. 0+300)	SCALE: H=1:500 V=1:100	DRAWING No: PL-87	Rv
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VERTICAL ALIGNMENT	PAVEMENT LEVELS	SURFACE LEVELS	PEGGED CHAINAGE	HORIZONTAL CURVATURE	SUPERELEVATION	TYPICAL CROSS SECTION TYPE
170.40	170.40	170.40	0+300			
170.494	170.494	170.494	0+320			
170.46	170.46	170.46	0+340			
170.572	170.572	170.572	0+360			
170.616	170.616	170.616	0+380			
170.660	170.660	170.660	0+400			
170.704	170.704	170.704	0+420			
170.748	170.748	170.748	0+440			
170.792	170.792	170.792	0+460			
170.836	170.836	170.836	0+480			
170.880	170.880	170.880	0+500			
170.924	170.924	170.924	0+520			
170.968	170.968	170.968	0+540			
171.012	171.012	171.012	0+560			
171.056	171.056	171.056	0+580			
171.100	171.100	171.100	0+600			
171.144	171.144	171.144				

ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC

BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC

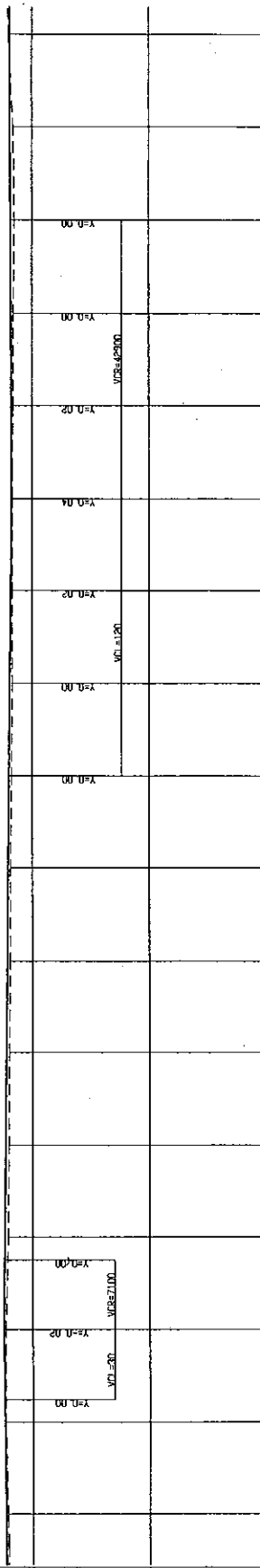
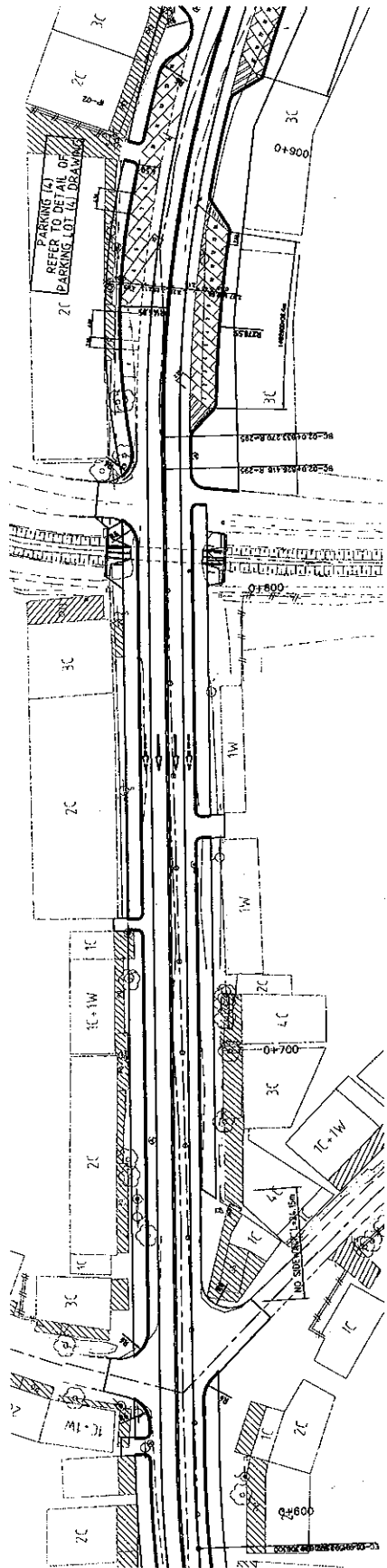
JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO, LTD

TITLE: PLAN AND PROFILE (1-A) (STA. 0+300 - STA. 0+600)

SCALE: H=1:500 V=1:100

DRAWING No: PL-88

REV



STATION	VERTICAL ALIGNMENT	PAVEMENT LEVELS	SURFACE LEVELS	PEGGED CHANGAGE	HORIZONTAL CURVATURE	SUPERELEVATION	TYPICAL CROSS SECTION TYPE
171.188	171.00						
171.06	171.00						
171.144	171.00						
171.15	171.00						
171.188	171.00						
171.15	171.00						
171.216	171.00						
171.15	171.00						
171.05	171.00						
171.192	171.00						
171.02	171.00						
171.152	171.00						
171.02	171.00						
171.112	171.00						
170.99	171.00						
170.99	171.00						
170.99	171.00						
170.95	171.00						
171.072	171.00						
170.95	171.00						
170.72	171.00						
170.95	171.00						
170.89	171.00						
170.92	171.00						
170.89	171.00						
170.85	171.00						
170.957	171.00						
170.85	171.00						
170.86	171.00						
170.931	171.00						
170.86	171.00						
170.931	171.00						
170.85	171.00						
170.85	171.00						
170.85	171.00						
170.914	171.00						
170.83	171.00						
170.914	171.00						
170.82	171.00						
170.912	171.00						
170.82	171.00						
170.912	171.00						
170.81	171.00						
170.907	171.00						
170.80	171.00						
170.936	171.00						
170.80	171.00						
170.936	171.00						
170.75	171.00						
170.930	171.00						
170.80	171.00						
170.936	171.00						
171.00	171.00						

ROADS DEPARTMENT, MINISTRY OF COMMUNICATION
TRANSPORT, POST AND CONSTRUCTION
LAO PEOPLE'S DEMOCRATIC REPUBLIC

BASIC DESIGN STUDY ON THE PROJECT FOR THE
IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE
LAO PEOPLE'S DEMOCRATIC REPUBLIC

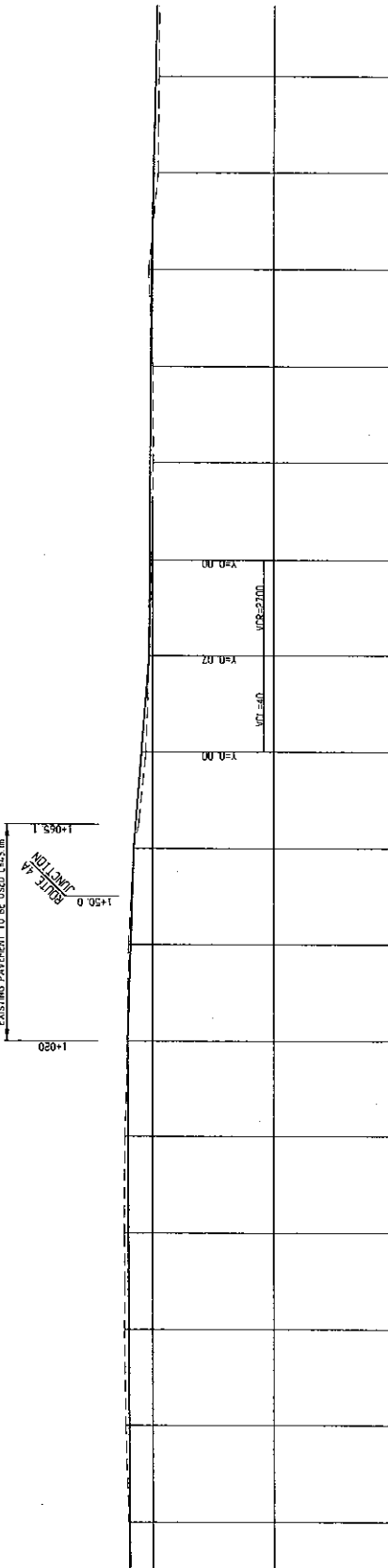
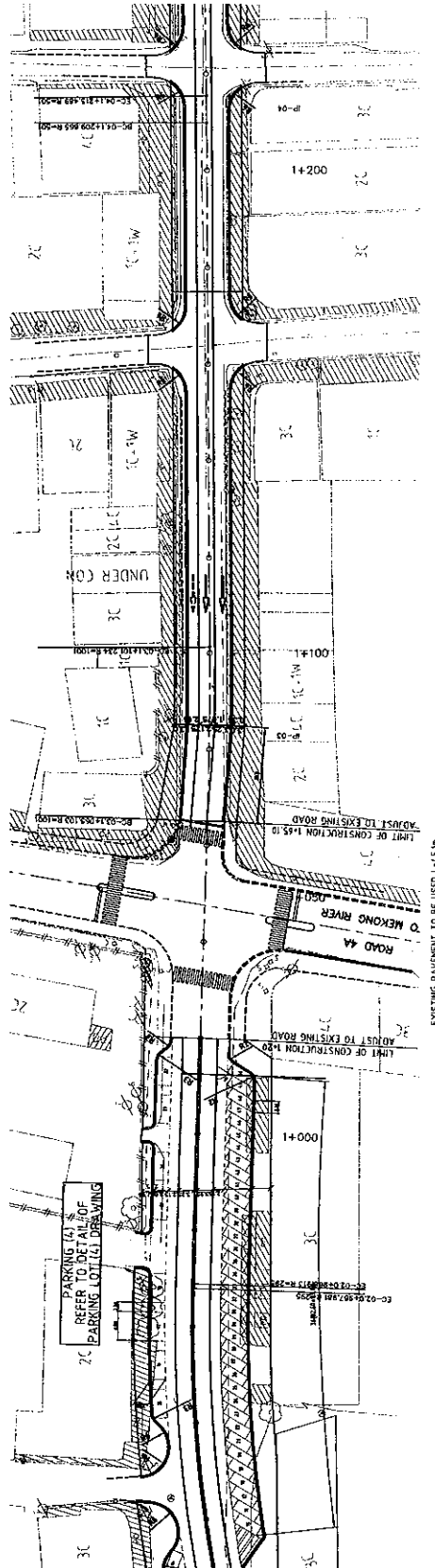
JAPAN INTERNATIONAL COOPERATION AGENCY
KATAHIRA & ENGINEERS INTERNATIONAL
CTI ENGINEERING INTERNATIONAL CO. LTD

TITLE:
PLAN AND PROFILE (1-A)
(STA. 0+600 - STA. 0+920)

SCALE:
H=1:500
V=1:100

DRAWING NO:
PL-89

REV.



TYPE	TYPE (1-3)	TYPE (1-1)
VERTICAL ALIGNMENT	171.000	171.000
PAVEMENT LEVELS	171.000	171.000
SURFACE LEVELS	171.11	170.969
PEGGED CHAINAGE	171.17	170.984
HORIZONTAL CURVATURE	171.17	170.990
SUPERELEVATION	171.17	170.994
TYPICAL CROSS SECTION	171.17	170.994
TYPE	171.17	170.994

ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC

BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC

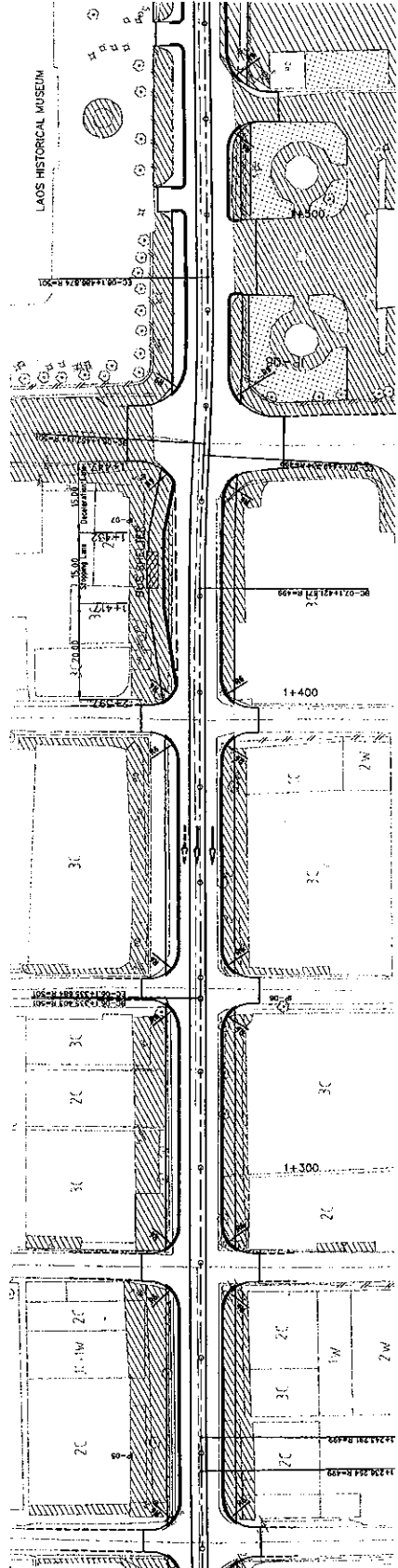
JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CII ENGINEERING INTERNATIONAL CO., LTD

PLAN AND PROFILE (1-A) (STA. 0+970 - STA. 1+270)

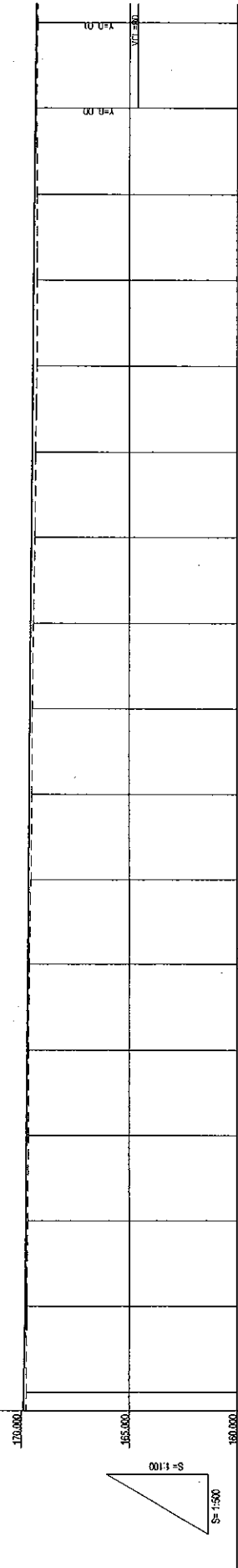
SCALE: H=1:500 V=1:100

DRAWING NO: PL-90

REV.



LAOS HISTORICAL MUSEUM



VERTICAL ALIGNMENT	PAVEMENT LEVELS	SURFACE LEVELS	PEGGED CHAINAGE	HORIZONTAL CURVATURE	SUPERELEVATION	TYPICAL CROSS SECTION TYPE
169.904	169.77	169.77	169.77	169.77		
169.904	169.77	169.888	169.888	169.888		
169.904	169.77	169.891	169.891	169.891		
169.904	169.77	169.813	169.813	169.813		
169.904	169.77	169.794	169.794	169.794		
169.904	169.77	169.754	169.754	169.754		
169.904	169.77	169.65	169.65	169.65		
169.904	169.77	169.62	169.62	169.62		
169.904	169.77	169.585	169.585	169.585		
169.904	169.77	169.55	169.55	169.55		
169.904	169.77	169.52	169.52	169.52		
169.904	169.77	169.49	169.49	169.49		
169.904	169.77	169.527	169.527	169.527		
169.904	169.77	169.43	169.43	169.43		
169.904	169.77	169.423	169.423	169.423		
169.904	169.77	169.402	169.402	169.402		
169.904	169.77	169.370	169.370	169.370		
169.904	169.77	169.351	169.351	169.351		

ROADS DEPARTMENT, MINISTRY OF COMMUNICATION
 TRANSPORT, POST AND CONSTRUCTION
 LAO PEOPLE'S DEMOCRATIC REPUBLIC

BASIC DESIGN STUDY ON THE PROJECT FOR THE
 IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE
 LAO PEOPLE'S DEMOCRATIC REPUBLIC

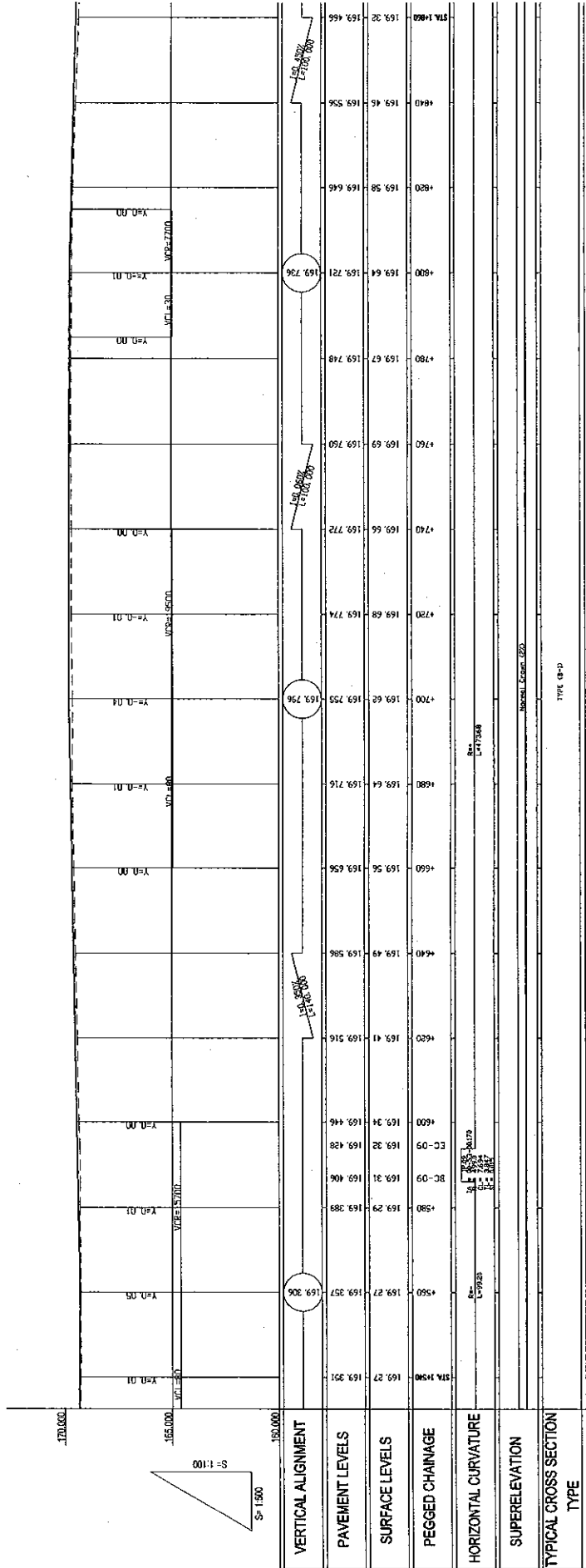
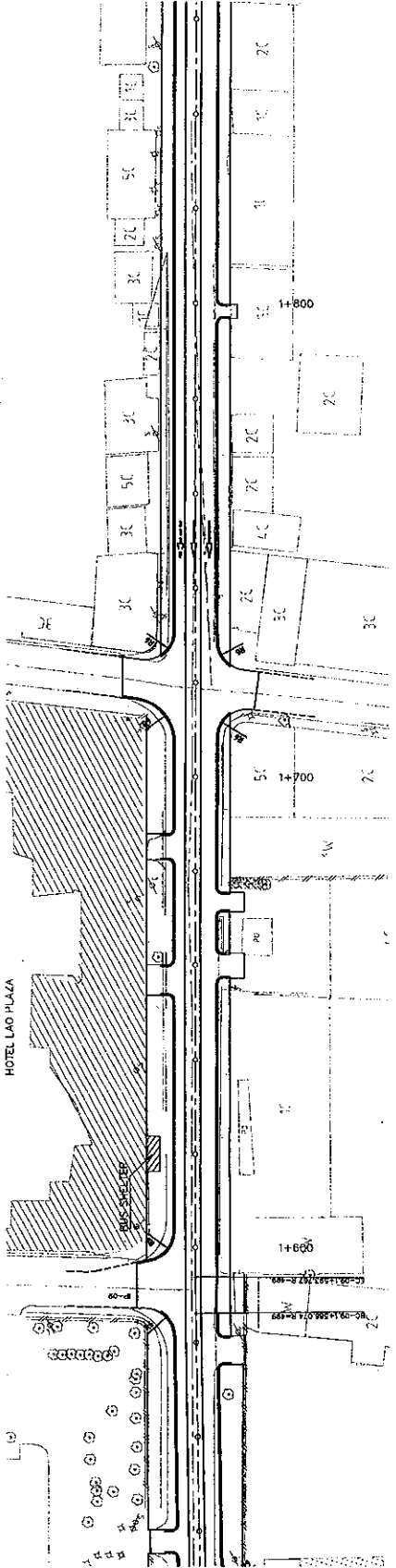
JAPAN INTERNATIONAL COOPERATION AGENCY
 KATAHIRA & ENGINEERS INTERNATIONAL
 CTI ENGINEERING INTERNATIONAL CO., LTD

TITLE:
 PLAN AND PROFILE (1-A)
 (STA. 1+20 - STA. 1+540)

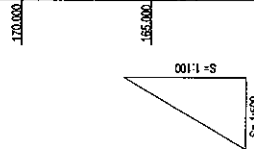
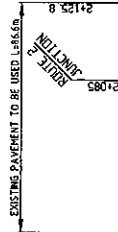
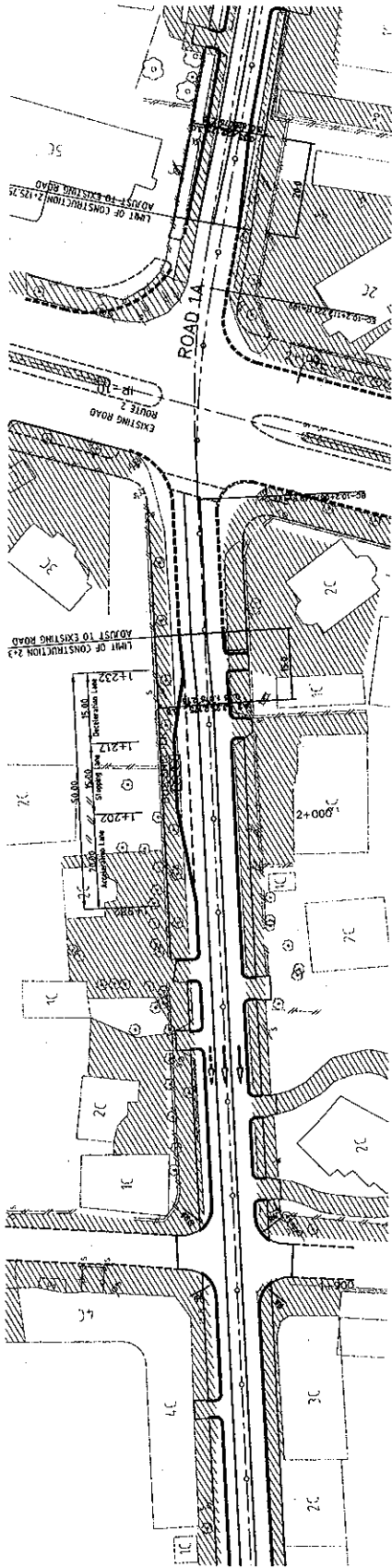
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DRAWING NO:
 PL-91

REV



ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC		BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC		JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO., LTD		TITLE: PLAN AND PROFILE (1-A) (STA. 1+540 - STA. 1+860)		SCALE: H=1:500 V=1:100		DRAWING NO: PL-92	
										Rv	



VERTICAL ALIGNMENT	PAVEMENT LEVELS	SURFACE LEVELS	PEGGED CHAINAGE	HORIZONTAL CURVATURE	SUPERELEVATION	TYPICAL CROSS SECTION	TYPE
170.000							TYPE 0-10
155.000							TYPE 0-10
150.000							TYPE 0-10
148.650							TYPE 0-10
147.000							TYPE 0-10
145.000							TYPE 0-10
143.000							TYPE 0-10
141.000							TYPE 0-10
139.000							TYPE 0-10
137.000							TYPE 0-10
135.000							TYPE 0-10
133.000							TYPE 0-10
131.000							TYPE 0-10
129.000							TYPE 0-10
127.000							TYPE 0-10
125.000							TYPE 0-10
123.000							TYPE 0-10
121.000							TYPE 0-10
119.000							TYPE 0-10
117.000							TYPE 0-10
115.000							TYPE 0-10
113.000							TYPE 0-10
111.000							TYPE 0-10
109.000							TYPE 0-10
107.000							TYPE 0-10
105.000							TYPE 0-10
103.000							TYPE 0-10
101.000							TYPE 0-10
99.000							TYPE 0-10
97.000							TYPE 0-10
95.000							TYPE 0-10
93.000							TYPE 0-10
91.000							TYPE 0-10
89.000							TYPE 0-10
87.000							TYPE 0-10
85.000							TYPE 0-10
83.000							TYPE 0-10
81.000							TYPE 0-10
79.000							TYPE 0-10
77.000							TYPE 0-10
75.000							TYPE 0-10
73.000							TYPE 0-10
71.000							TYPE 0-10
69.000							TYPE 0-10
67.000							TYPE 0-10
65.000							TYPE 0-10
63.000							TYPE 0-10
61.000							TYPE 0-10
59.000							TYPE 0-10
57.000							TYPE 0-10
55.000							TYPE 0-10
53.000							TYPE 0-10
51.000							TYPE 0-10
49.000							TYPE 0-10
47.000							TYPE 0-10
45.000							TYPE 0-10
43.000							TYPE 0-10
41.000							TYPE 0-10
39.000							TYPE 0-10
37.000							TYPE 0-10
35.000							TYPE 0-10
33.000							TYPE 0-10
31.000							TYPE 0-10
29.000							TYPE 0-10
27.000							TYPE 0-10
25.000							TYPE 0-10
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21.000							TYPE 0-10
19.000							TYPE 0-10
17.000							TYPE 0-10
15.000							TYPE 0-10
13.000							TYPE 0-10
11.000							TYPE 0-10
9.000							TYPE 0-10
7.000							TYPE 0-10
5.000							TYPE 0-10
3.000							TYPE 0-10
1.000							TYPE 0-10
0.000							TYPE 0-10

ROADS DEPARTMENT, MINISTRY OF COMMUNICATION
 TRANSPORT, POST AND CONSTRUCTION
 LAO PEOPLE'S DEMOCRATIC REPUBLIC

BASIC DESIGN STUDY ON THE PROJECT FOR THE
 IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE
 LAO PEOPLE'S DEMOCRATIC REPUBLIC

JAPAN INTERNATIONAL COOPERATION AGENCY
 KATAHIRA & ENGINEERS INTERNATIONAL
 CITI ENGINEERING INTERNATIONAL CO, LTD

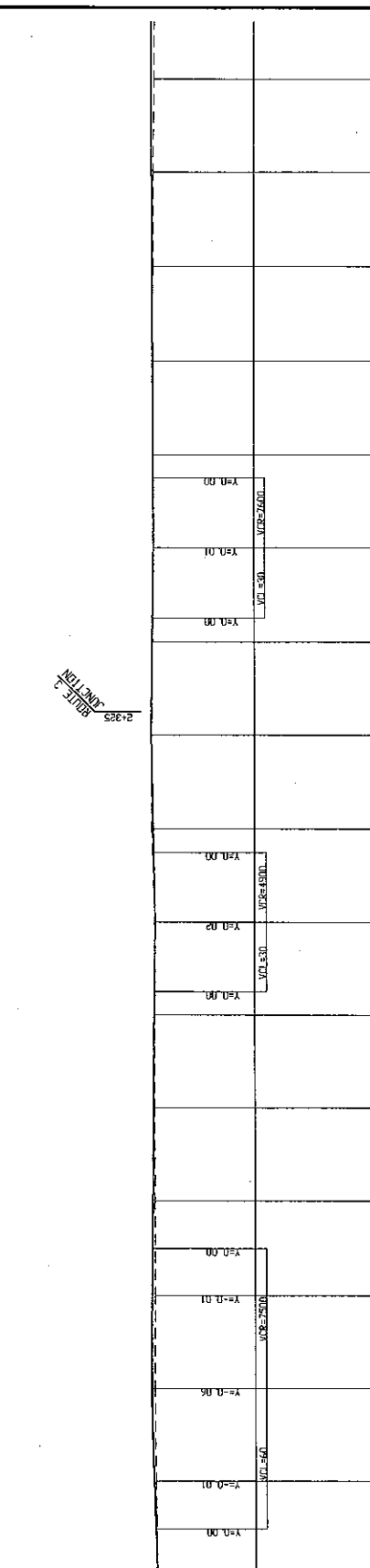
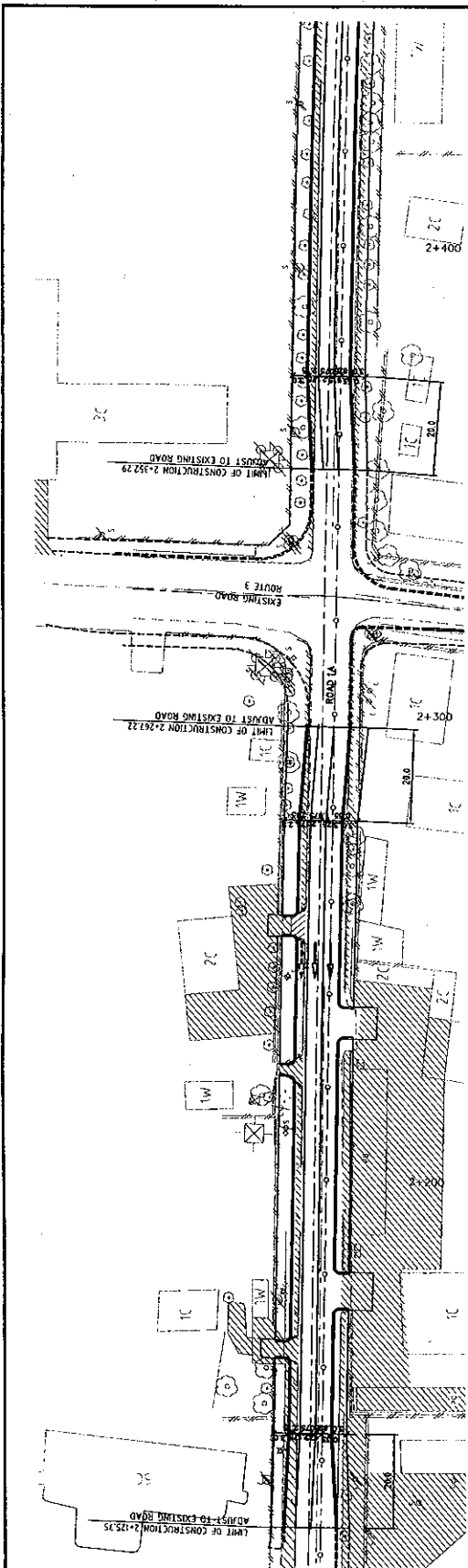
TITLE:

PLAN AND PROFILE (1-A)
 (STA. 1+800 - STA. 2+100)

SCALE:
 H=1:500
 V=1:100

DRAWING NO:
 PL-93

Rev



VERTICAL ALIGNMENT	PAVEMENT LEVELS	SURFACE LEVELS	PEGGED CHAINAGE	HORIZONTAL CURVATURE	SUPERELEVATION	TYPICAL CROSS SECTION TYPE
169.383	169.24	169.24	190+00			
169.383	169.24	169.24	192+00			
169.383	169.24	169.24	194+00			
169.383	169.24	169.24	196+00			
169.383	169.24	169.24	198+00			
169.383	169.24	169.24	200+00			
169.383	169.24	169.24	202+00			
169.383	169.24	169.24	204+00			
169.383	169.24	169.24	206+00			
169.383	169.24	169.24	208+00			
169.383	169.24	169.24	210+00			

ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION
LAO PEOPLE'S DEMOCRATIC REPUBLIC

BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC

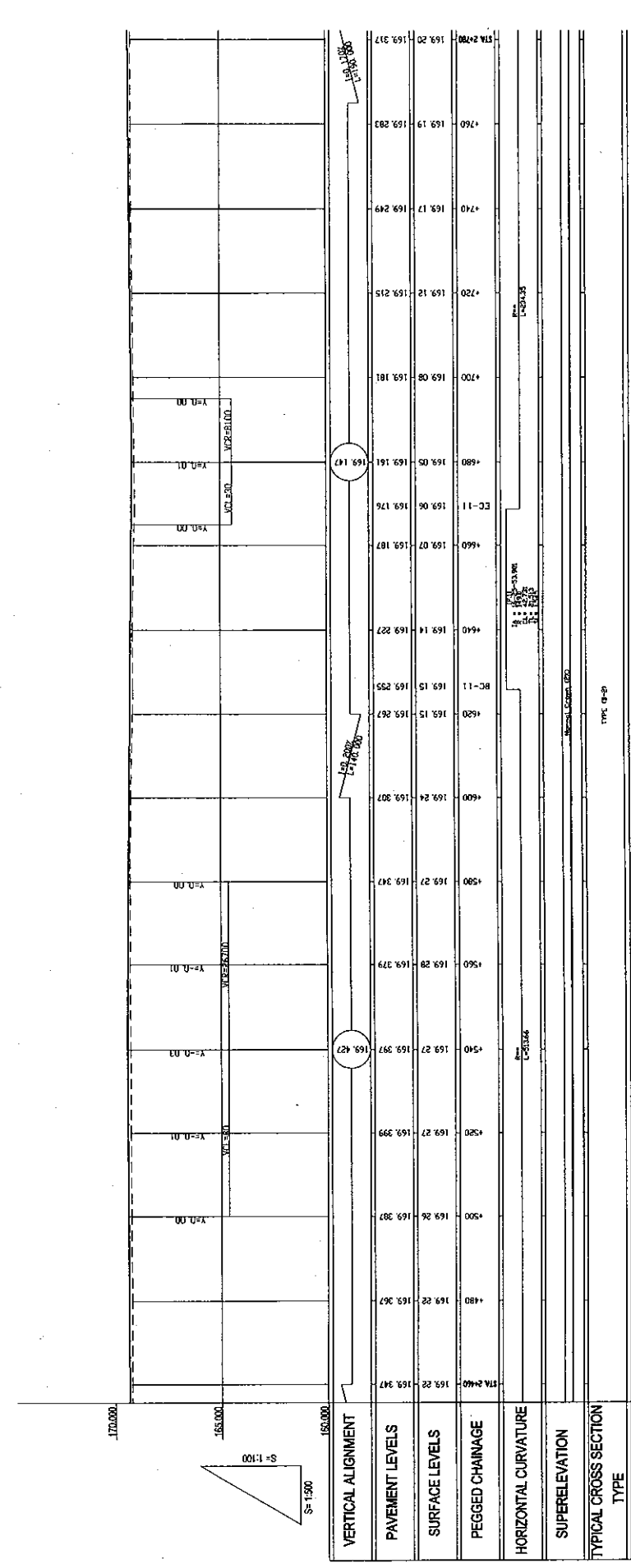
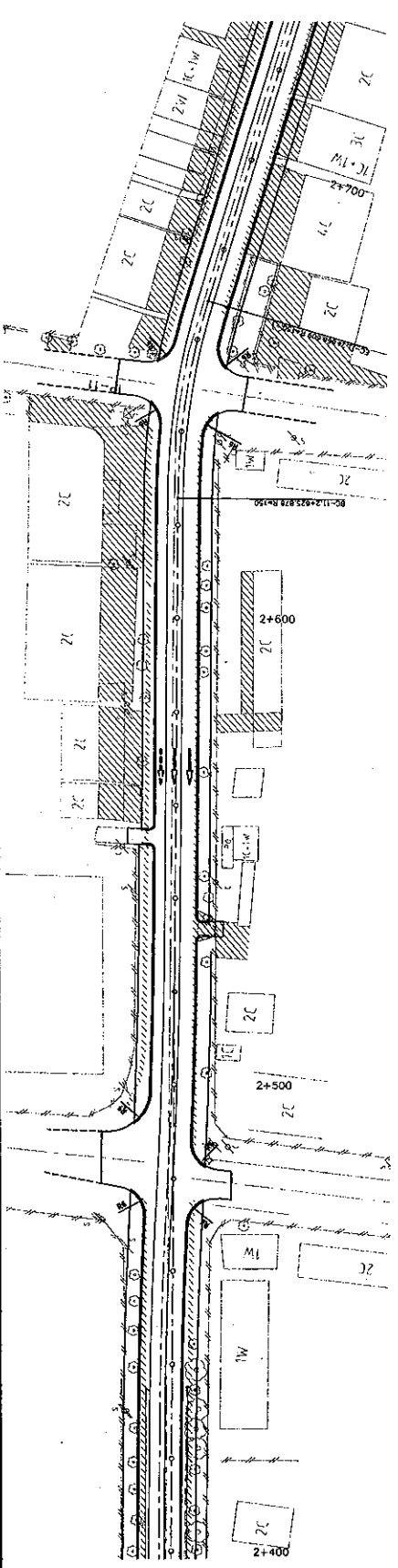
JAPAN INTERNATIONAL COOPERATION AGENCY
KATAHIRA & ENGINEERS INTERNATIONAL
CTI ENGINEERING INTERNATIONAL CO. LTD

PLAN AND PROFILE (1-A)
(STA. 2+180 - STA. 1+600)

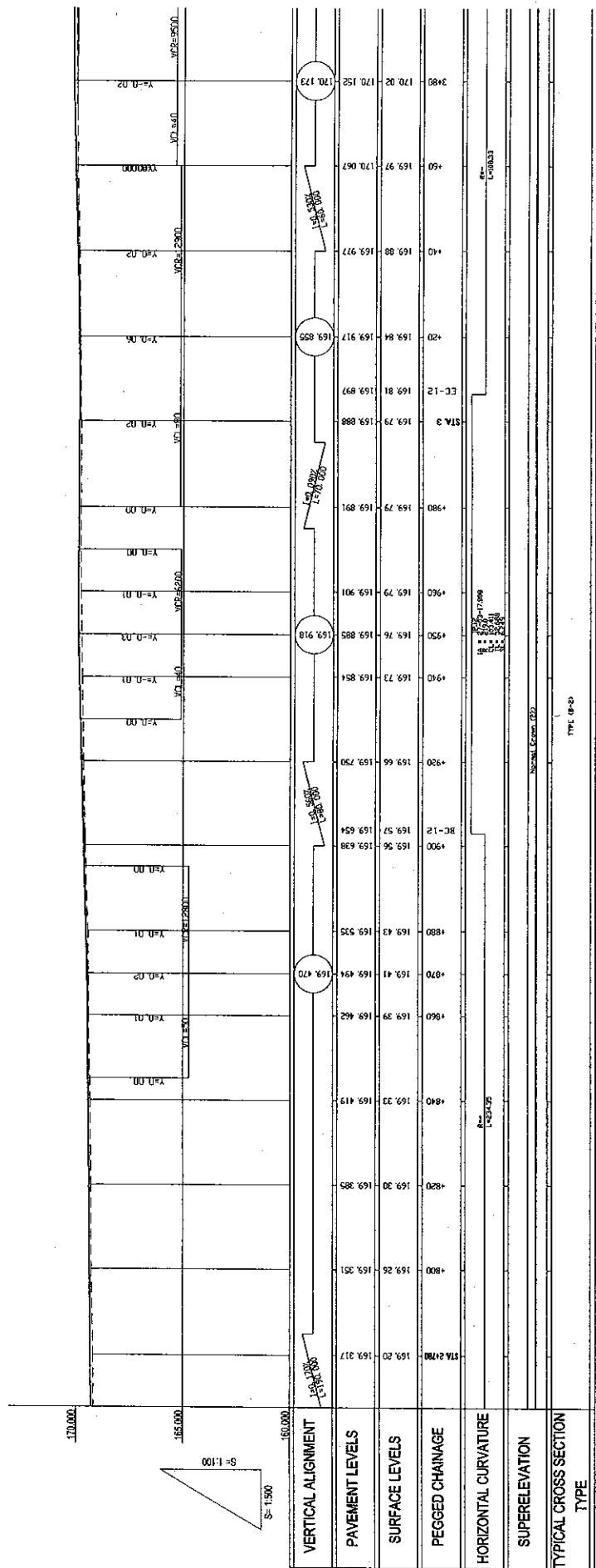
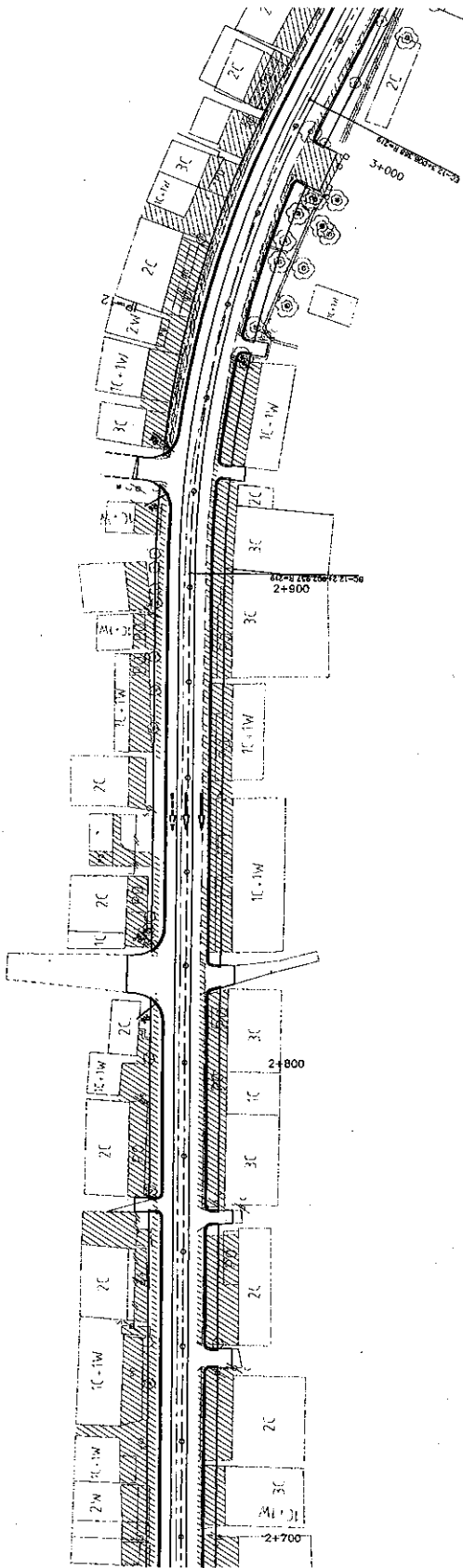
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DRAWING NO:
PL-94

TYPE: G-20



ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO. LTD	TITLE: PLAN AND PROFILE (1-A) (STA. 2+600 - STA. 2+700)	SCALE: H=1:500 V=1:100	DRAWING NO: PL-95
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ROADS DEPARTMENT, MINISTRY OF COMMUNICATION
 TRANSPORT, POST AND CONSTRUCTION
 LAO PEOPLE'S DEMOCRATIC REPUBLIC

BASIC DESIGN STUDY ON THE PROJECT FOR THE
 IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE
 LAO PEOPLE'S DEMOCRATIC REPUBLIC

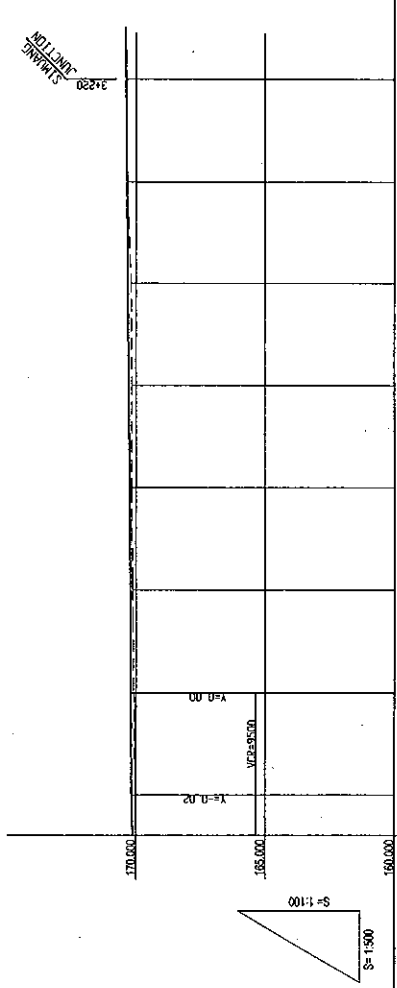
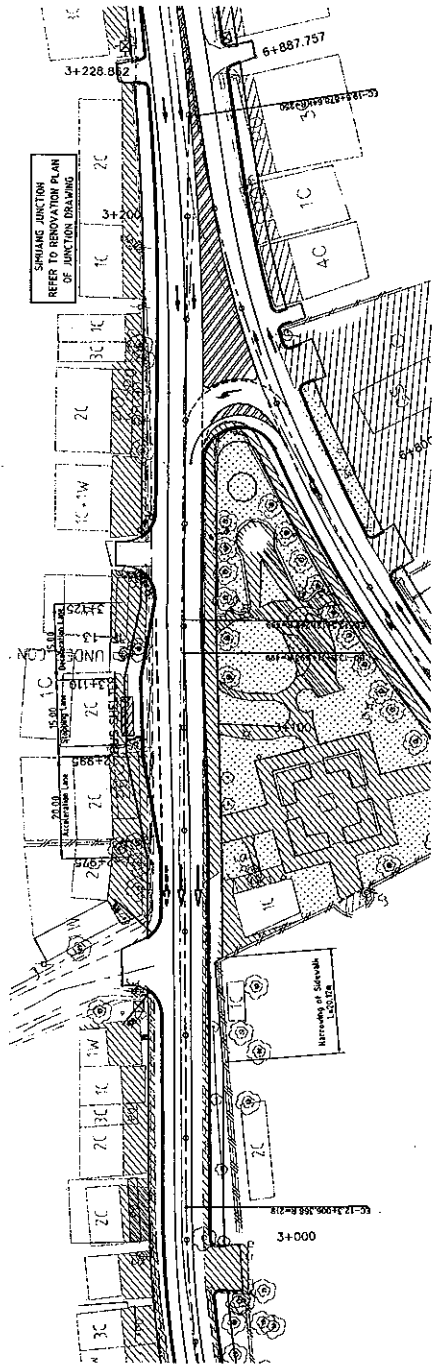
JAPAN INTERNATIONAL COOPERATION AGENCY
 KATAHIRA & ENGINEERS INTERNATIONAL
 CTI ENGINEERING INTERNATIONAL CO. LTD

TITLE: PLAN AND PROFILE (1-A)
 (STA. 2+700 - STA. 3+000)

SCALE: H=1:500
 V=1:100

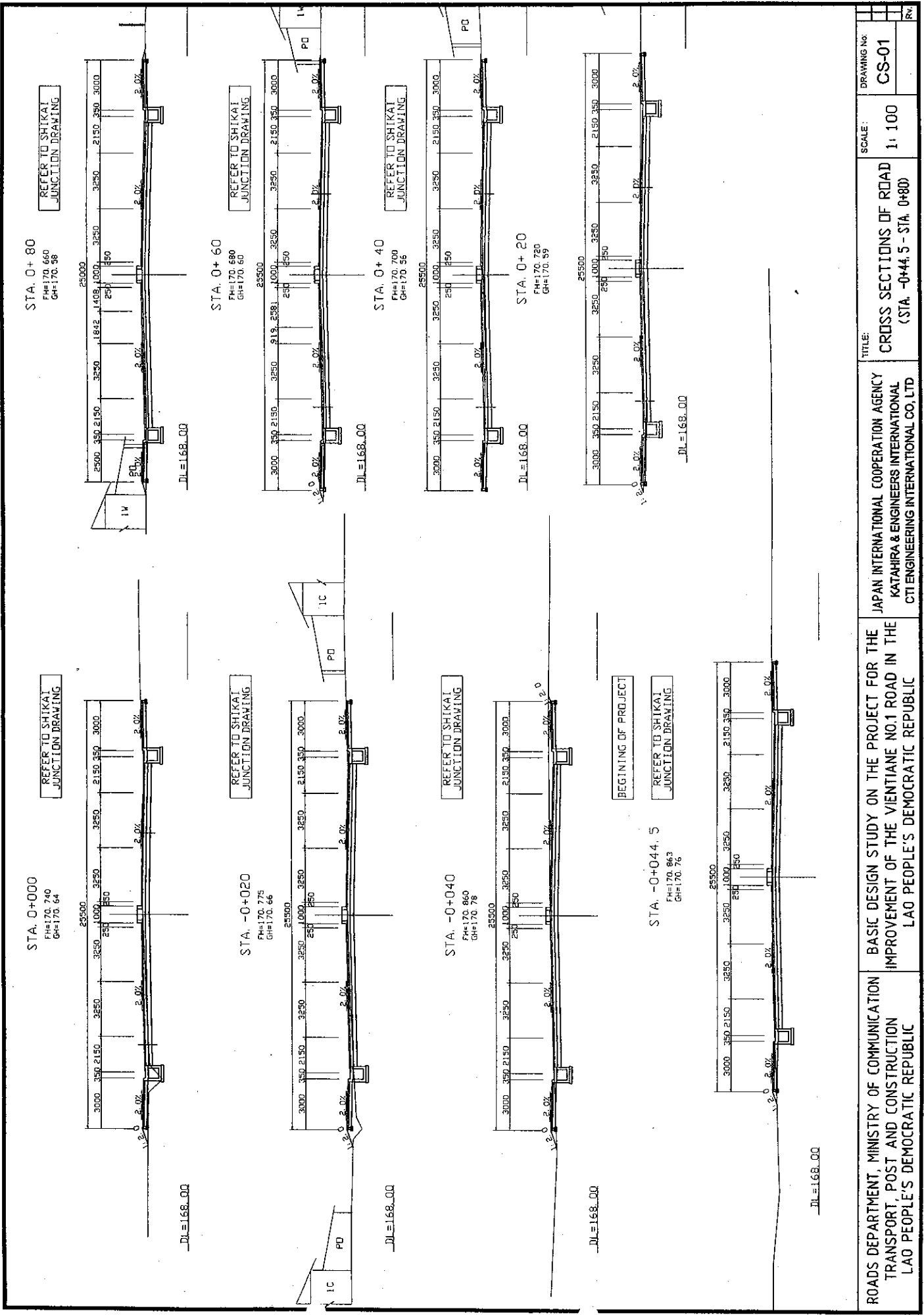
DRAWING No: PL-96

RV



VERTICAL ALIGNMENT	170.123	170.152	170.02	3+80	170.02	170.09	170.155	170.211	170.217	170.213	170.13	170.218	170.217	170.218	170.17	170.239	170.275	170.275	170.311	170.311	170.347	170.347	170.33	170.33	170.35	170.383	170.401	
PAVEMENT LEVELS																												
SURFACE LEVELS																												
PEGGED CHAINAGE																												
HORIZONTAL CURVATURE																												
SUPERELEVATION																												
TYPICAL CROSS SECTION TYPE	TYPE 4-30																											

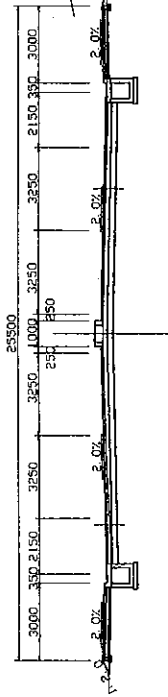
ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO, LTD	TITLE:	PLAN AND PROFILE (1-A) (STA. 3+800 - STA. 3+283)	SCALE:	H=1:500 V=1:100	DRAWING NO:	PL-97
			REV:					



ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO., LTD	TITLE:	CROSS SECTIONS OF ROAD (STA. -0+44.5 - STA. 0+800)	SCALE:	1:100	DRAWING No:	CS-01	REV

STA. 0+160
FH=170.600
GH=170.53

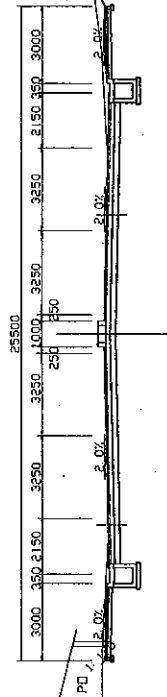
REFER TO SHIKAI
JUNCTION DRAWING



DL=168.000

STA. 0+140
FH=170.600
GH=170.53

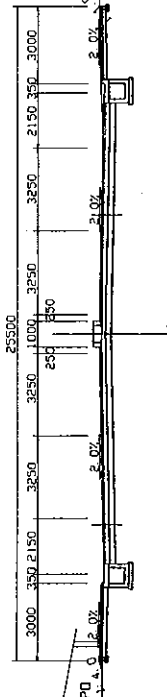
REFER TO SHIKAI
JUNCTION DRAWING



DL=168.000

STA. 0+120
FH=170.600
GH=170.53

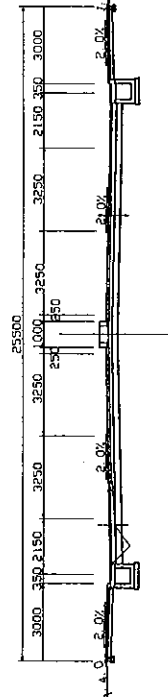
REFER TO SHIKAI
JUNCTION DRAWING



DL=168.000

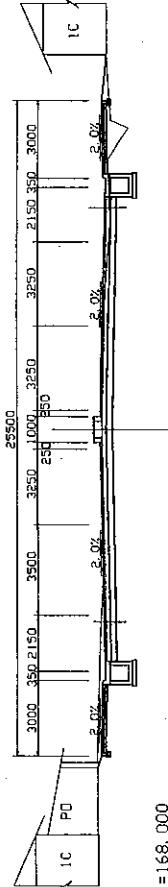
STA. 0+100
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GH=170.53

REFER TO SHIKAI
JUNCTION DRAWING



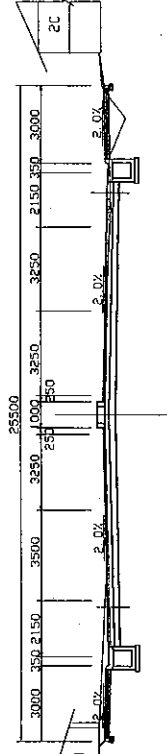
DL=168.000

STA. 0+240
FH=170.600
GH=170.52



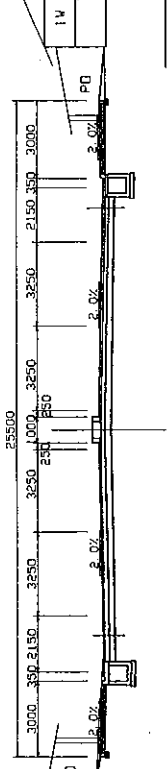
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STA. 0+220
FH=170.600
GH=170.53



DL=168.000

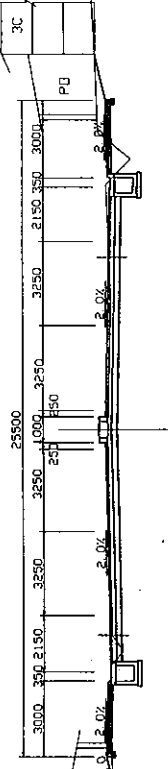
STA. 0+200
FH=170.600
GH=170.52



DL=168.000

STA. 0+180
FH=170.600
GH=170.50

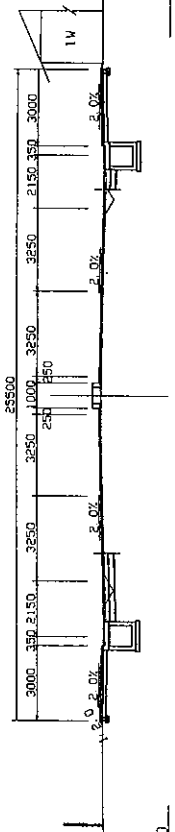
REFER TO SHIKAI
JUNCTION DRAWING



DL=168.000

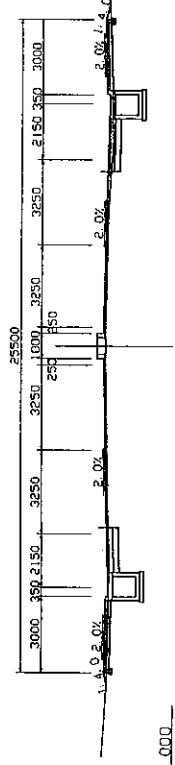
ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIETIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO. LTD	TITLE:	CROSS SECTIONS OF ROAD (STA. 0+100 - STA. 0+240)	SCALE:	1:100	DRAWING No:	CS-02	REV:

STA. 0+320
 FH=170.665
 GH=170.60



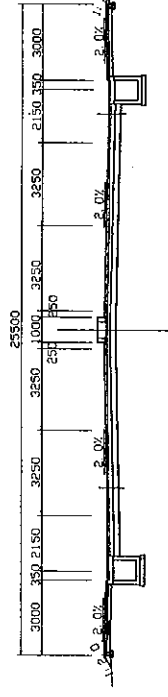
168.000

STA. 0+400
 FH=170.679
 GH=170.60



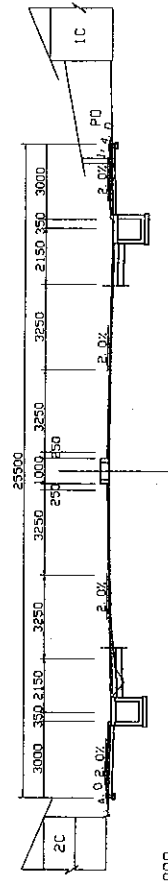
168.000

STA. 0+300
 FH=170.632
 GH=170.51



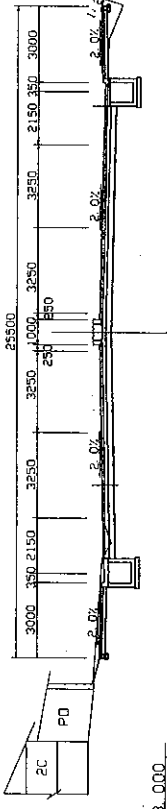
168.000

STA. 0+380
 FH=170.685
 GH=170.60



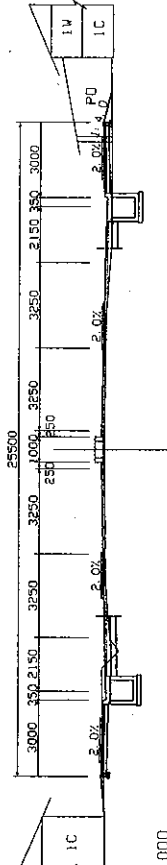
168.000

STA. 0+280
 FH=170.600
 GH=170.50



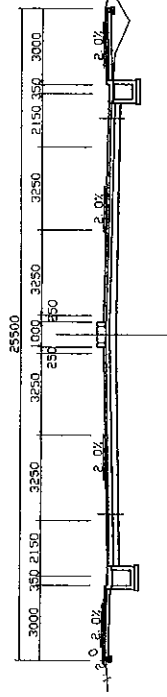
168.000

STA. 0+360
 FH=170.691
 GH=170.67



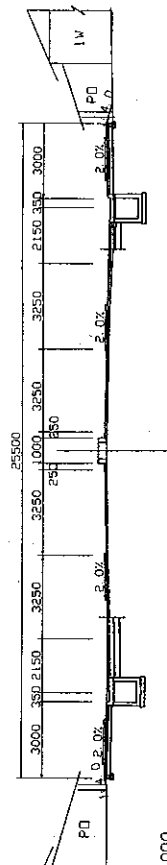
168.000

STA. 0+260
 FH=170.600
 GH=170.50



168.000

STA. 0+340
 FH=170.697
 GH=170.61



168.000

ROADS DEPARTMENT, MINISTRY OF COMMUNICATION
 TRANSPORT, POST AND CONSTRUCTION
 LAO PEOPLE'S DEMOCRATIC REPUBLIC

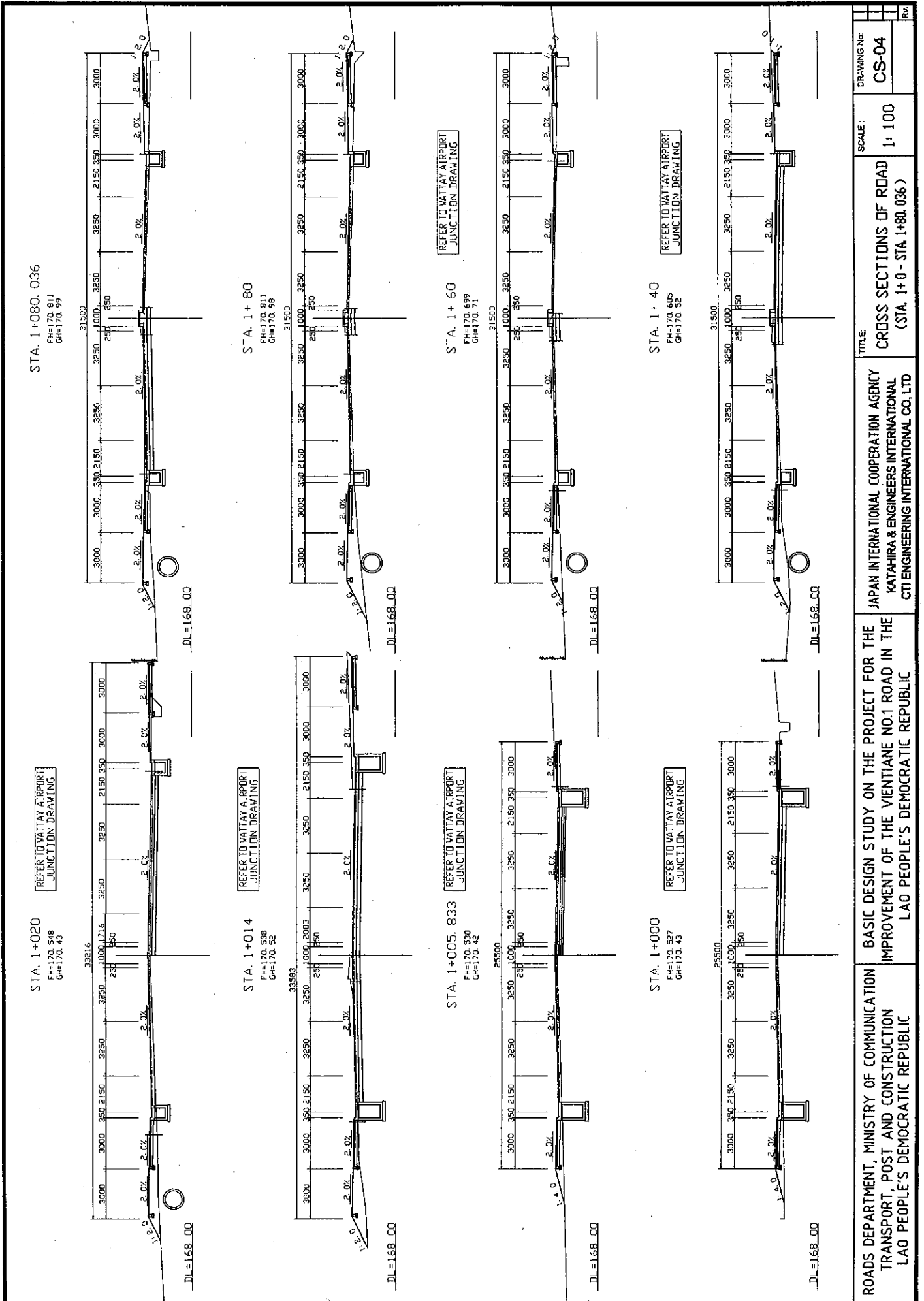
BASIC DESIGN STUDY ON THE PROJECT FOR THE
 IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE
 LAO PEOPLE'S DEMOCRATIC REPUBLIC

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

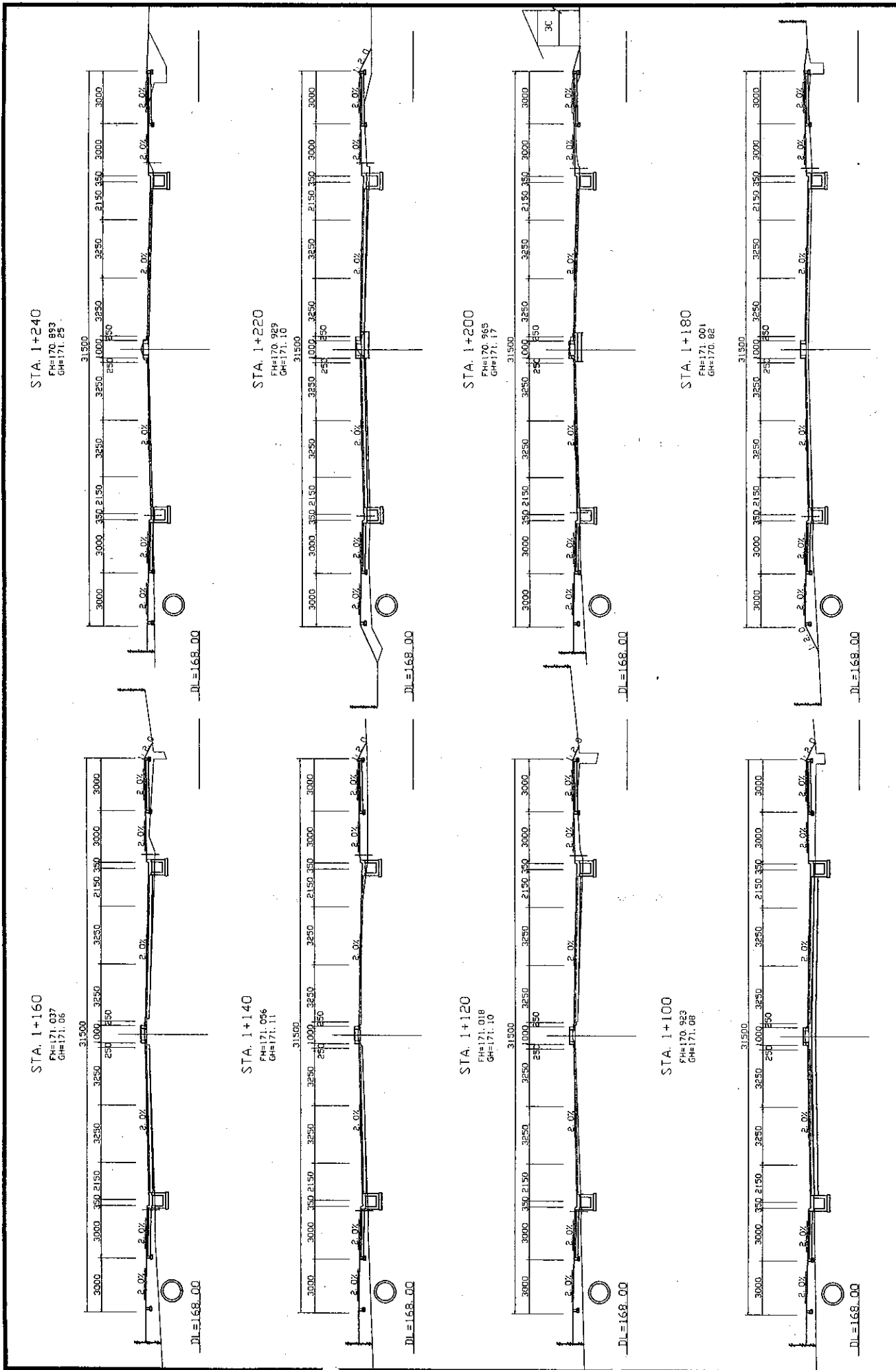
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 CROSS SECTIONS OF ROAD
 (STA. 0+260 - STA. 0+400)

SCALE:
 1:100

DRAWING No:
 CS-03

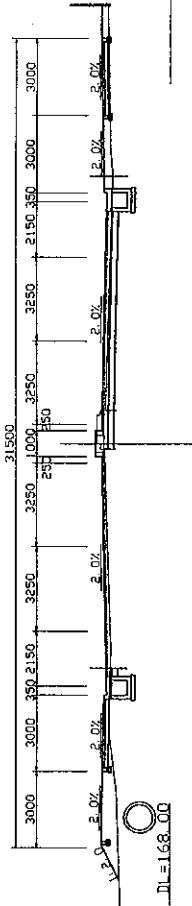


ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO.,LTD	TITLE:	CROSS SECTIONS OF ROAD (STA. 1+0 - STA. 1+80.036)	DRAWING No:	CS-04	RC:
			SCALE:	1: 100			

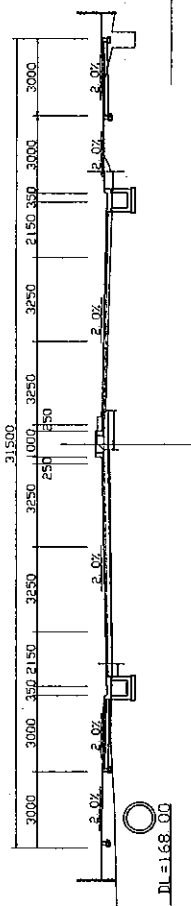


ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO., LTD	TITLE: CROSS SECTIONS OF ROAD (STA. 1+100 - STA. 1+240)	SCALE: 1: 100	DRAWING NO: CS-05	RV
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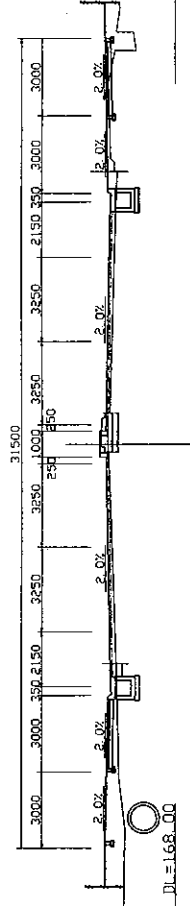
STA. 1+400
 FH=170.605
 GH=170.65



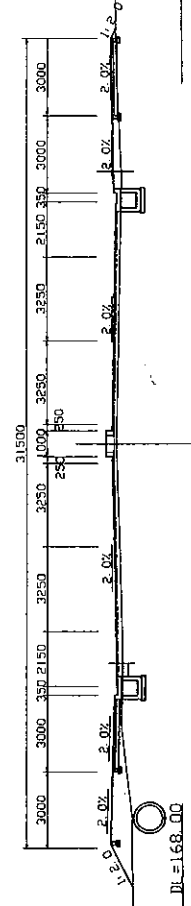
STA. 1+380
 FH=170.641
 GH=170.83



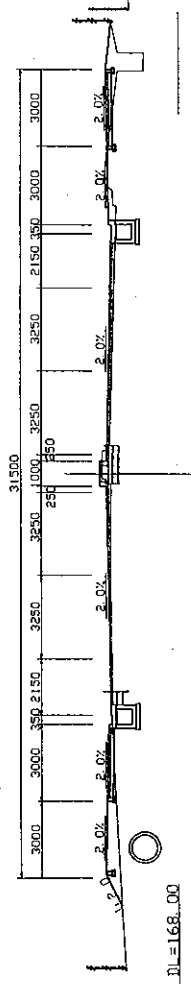
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 GH=170.87



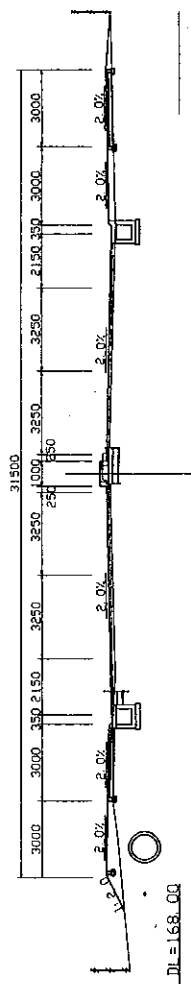
STA. 1+340
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 GH=170.55



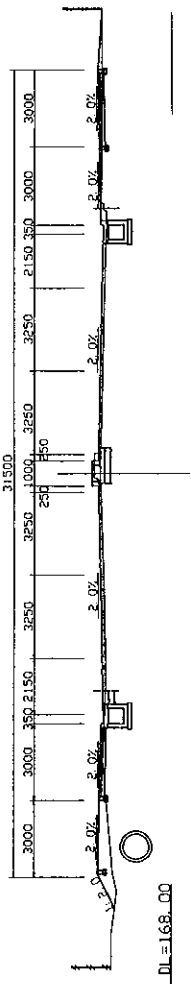
STA. 1+320
 FH=170.749
 GH=170.91



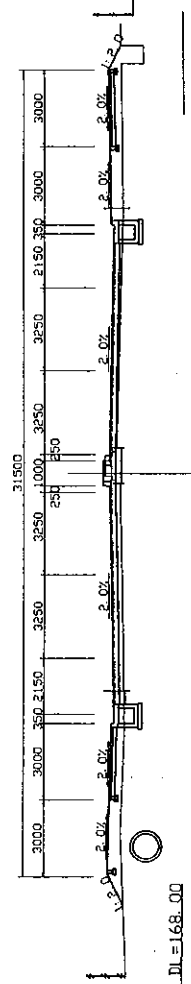
STA. 1+300
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 GH=170.95



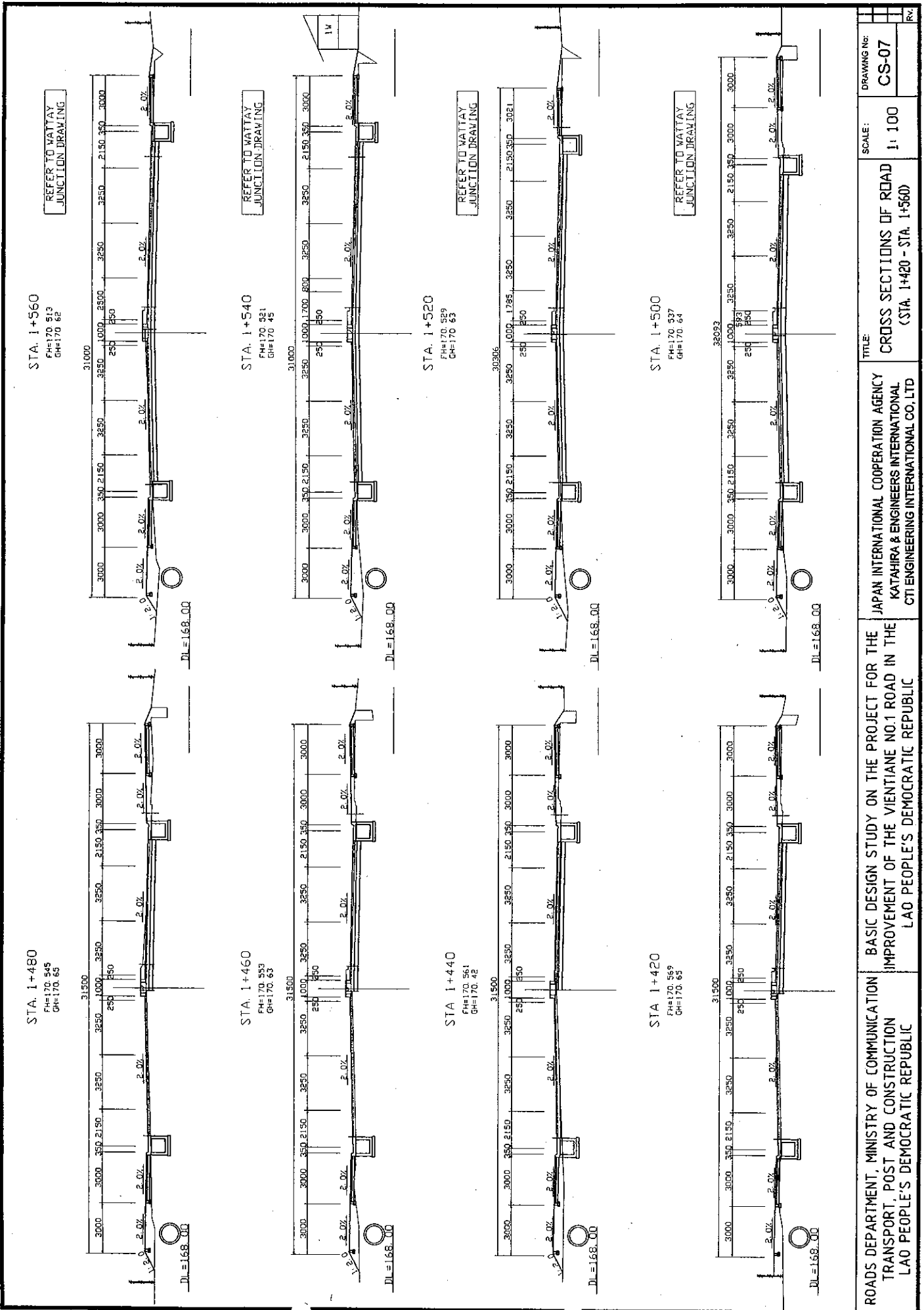
STA. 1+280
 FH=170.821
 GH=170.97



STA. 1+260
 FH=170.887
 GH=171.01

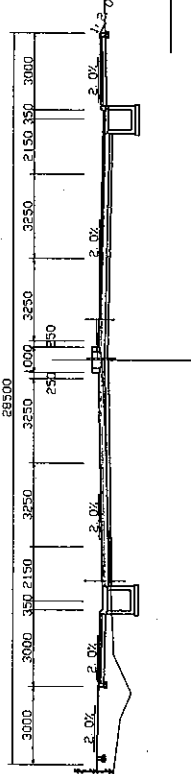


ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CITI ENGINEERING INTERNATIONAL CO. LTD	TITLE:	SCALE:	DRAWING NO:
			CROSS SECTIONS OF ROAD (STA. 1+260 - STA. 1+400)	1: 100	CS-06
					REV.

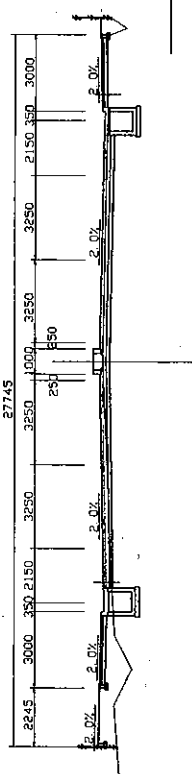


ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO., LTD	TITLE: CROSS SECTIONS OF ROAD (STA. 1+420 - STA. 1+560)	SCALE: 1: 100	DRAWING No: CS-07	REV
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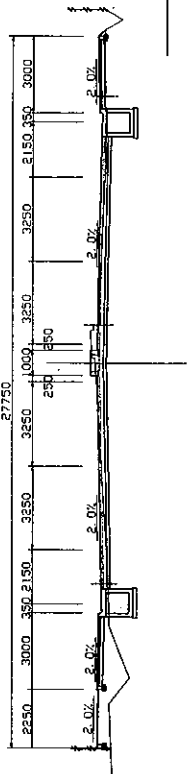
STA. 1+700
FH=170.757
GH=170.61



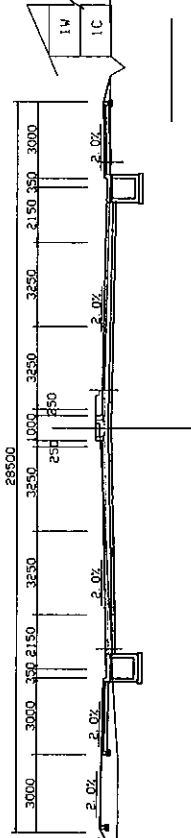
STA. 1+689.693
FH=170.730
GH=170.80



STA. 1+680
FH=170.705
GH=170.78

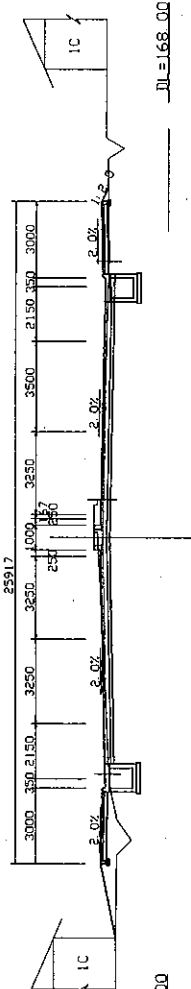


STA. 1+660
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GH=170.74

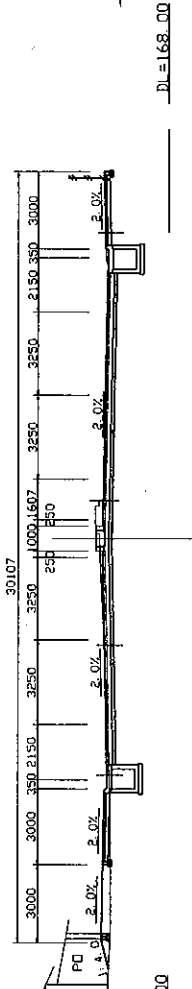


REFER TO WATTAY
JUNCTION DRAWING

STA. 1+640
FH=170.601
GH=170.71

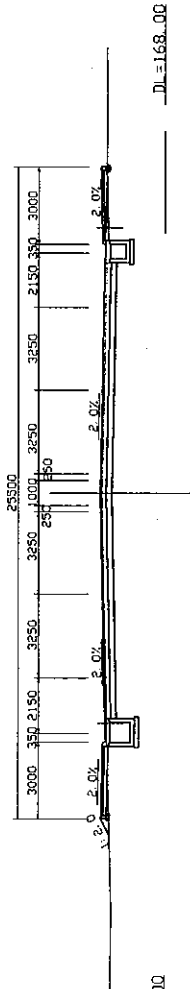


STA. 1+620
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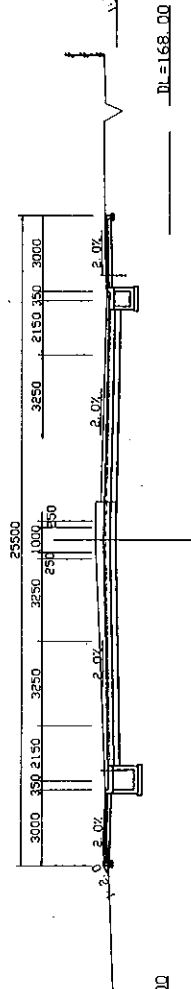
REFER TO WATTAY
JUNCTION DRAWING

STA. 1+600
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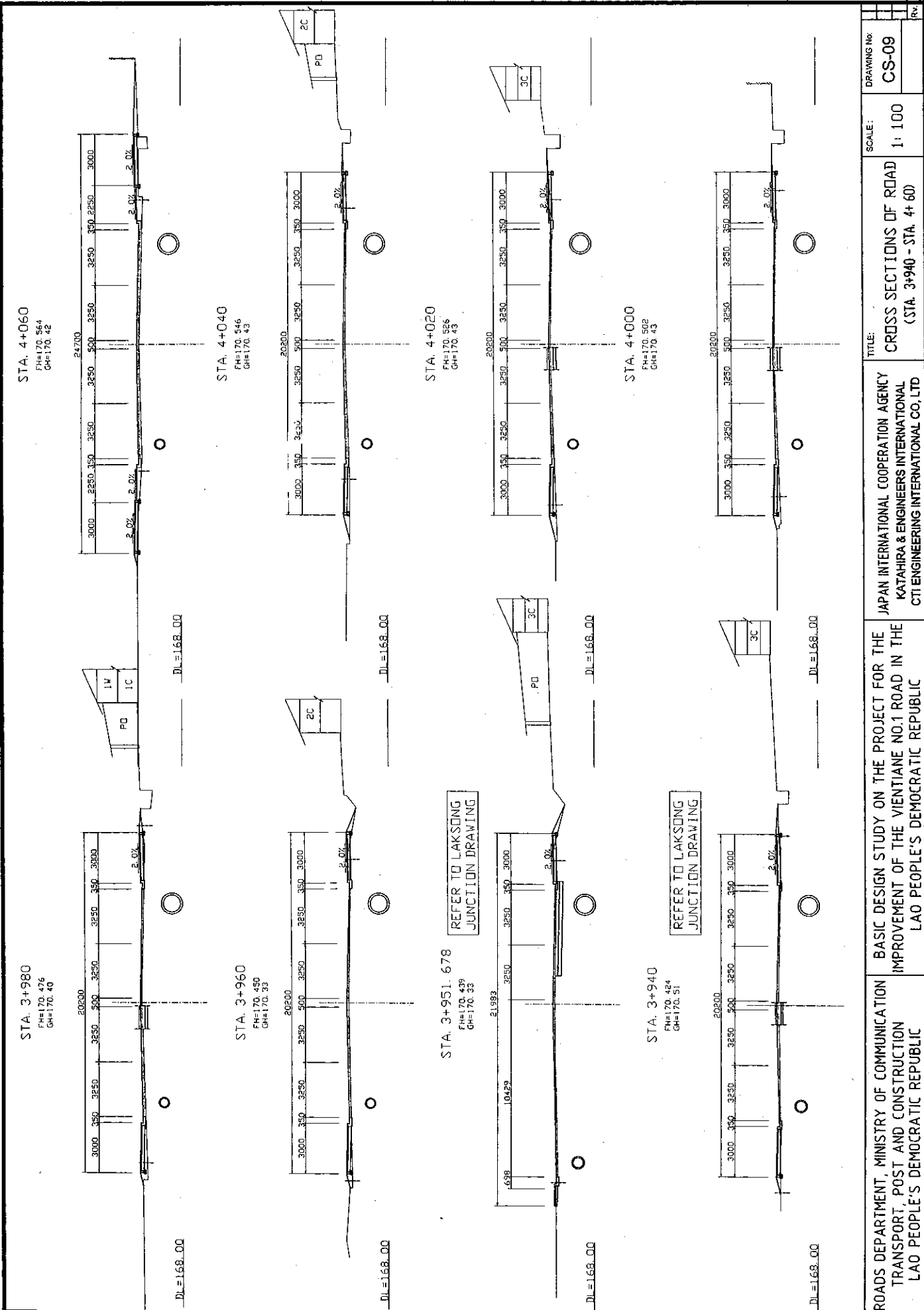


REFER TO WATTAY
JUNCTION DRAWING

STA. 1+580
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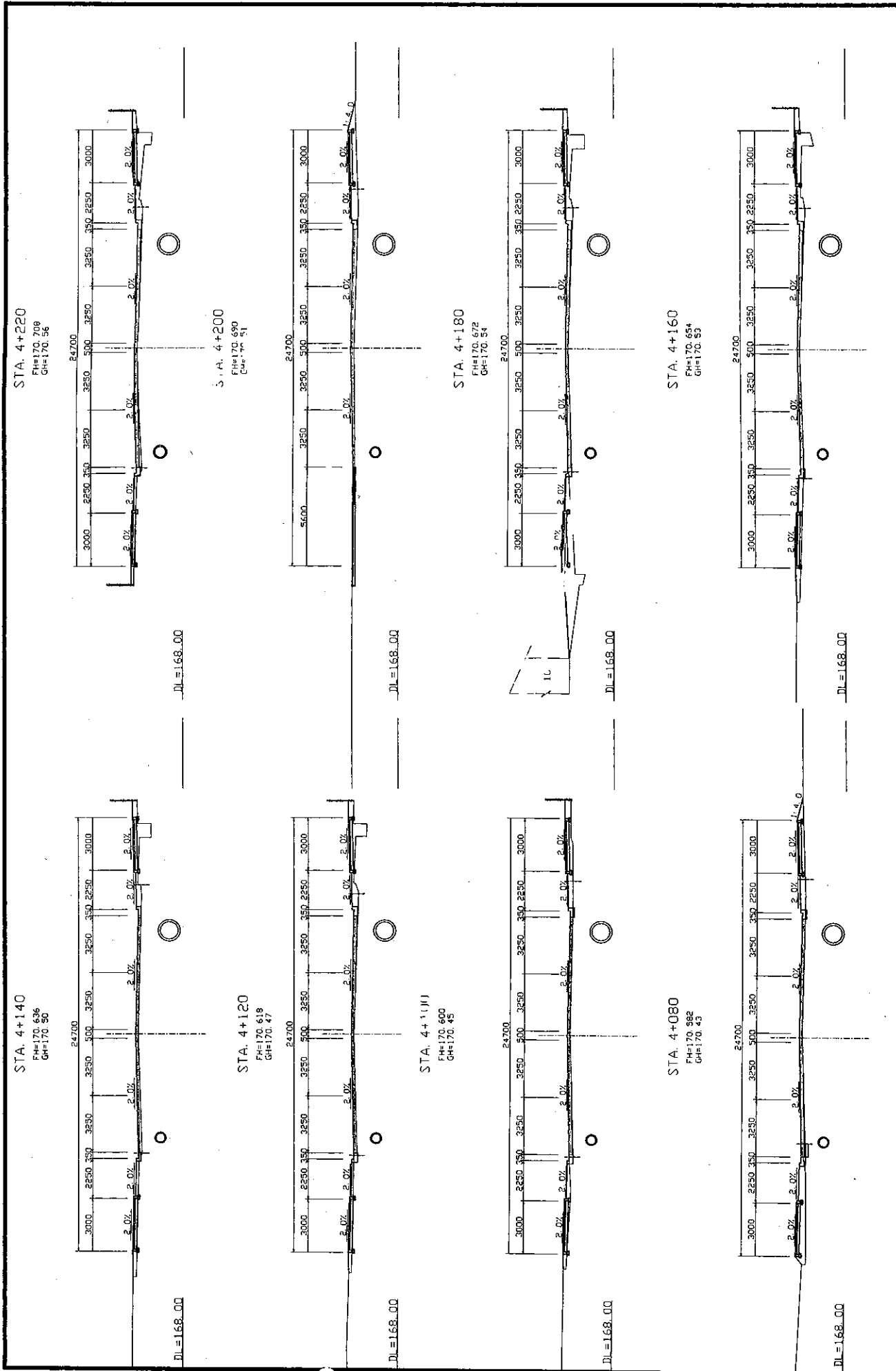
ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO, LTD	TITLE:	DRAWING No:	REV.
			CROSS SECTIONS OF ROAD (STA 1+580 - STA. 1+700)	CS-08	
			SCALE:		
			1: 100		



REFER TO LAKSONG JUNCTION DRAWING

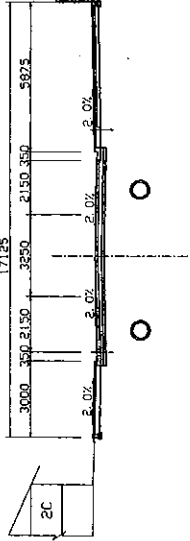
REFER TO LAKSONG JUNCTION DRAWING

ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO., LTD	TITLE:	CROSS SECTIONS OF ROAD (STA. 3+940 - STA. 4+60)	SCALE:	1:100	DRAWING No:	CS-09
			Rev:					



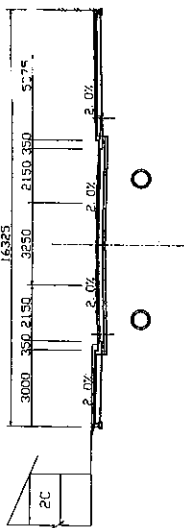
ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO, LTD	TITLE:	SCALE:	DRAWING No:
			CROSS SECTIONS OF ROAD (STA 4+80- STA 4+220)	1: 100	CS-10
					Rv.

STA. 4+900
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GH=170.28



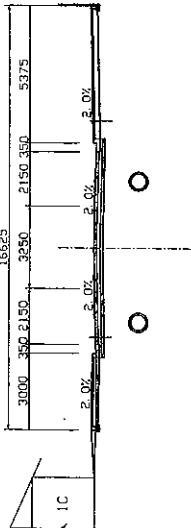
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STA. 4+880
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GH=170.47



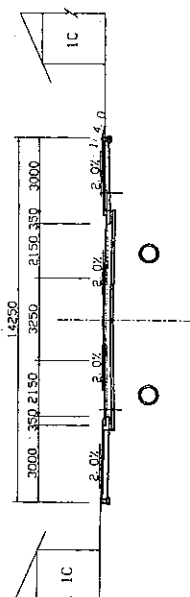
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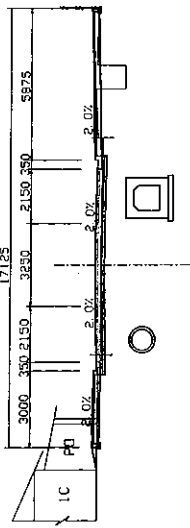
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STA. 4+847.365
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GH=170.76



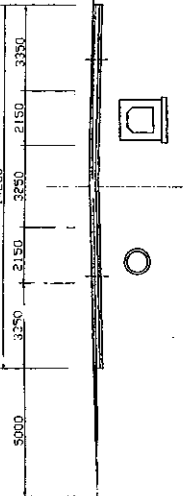
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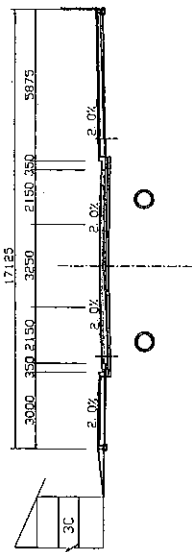
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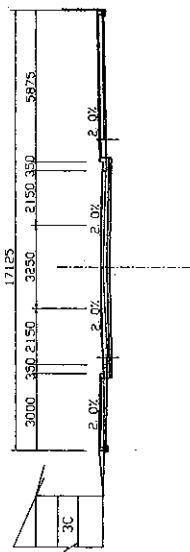
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STA. 4+940
FH=170.179
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DL=168.00

STA. 4+920
FH=170.258
GH=170.16



DL=168.00

ROADS DEPARTMENT, MINISTRY OF COMMUNICATION
TRANSPORT, POST AND CONSTRUCTION
LAO PEOPLE'S DEMOCRATIC REPUBLIC

BASIC DESIGN STUDY ON THE PROJECT FOR THE
IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE
LAO PEOPLE'S DEMOCRATIC REPUBLIC

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

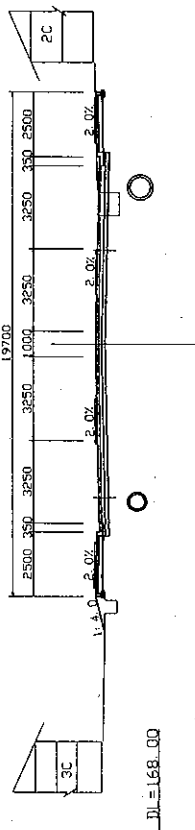
TITLE:
CROSS SECTIONS OF ROAD
(STA. 4+847.365 - STA. 4+980)

SCALE:
1: 100

DRAWING No:
CS-11

RV

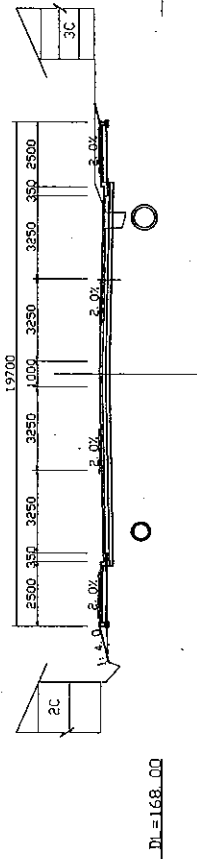
STA. 6+900
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GH=170.31



DL=168.00

STA. 6+880
FH=170.399
GH=170.30

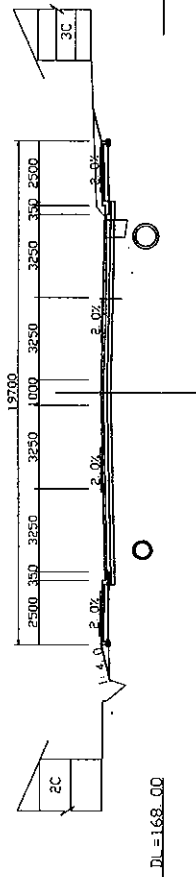
REFER TO SIMUANG
JUNCTION DRAWING



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STA. 6+878.642
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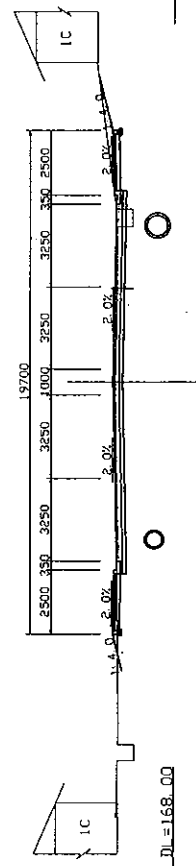
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JUNCTION DRAWING



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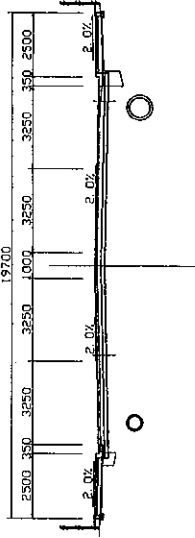
STA. 6+860
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GH=170.28

REFER TO SIMUANG
JUNCTION DRAWING



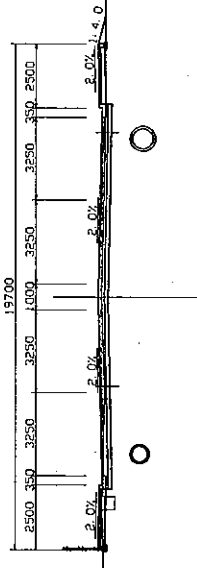
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STA. 6+980
FH=170.501
GH=170.42



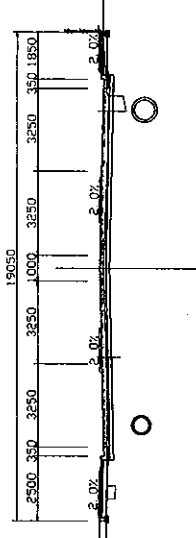
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GH=170.36



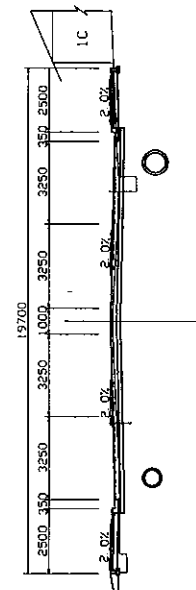
DL=168.00

STA. 6+940
FH=170.481
GH=170.35



DL=168.00

STA. 6+920
FH=170.471
GH=170.41



DL=168.00

ROADS DEPARTMENT, MINISTRY OF COMMUNICATION
TRANSPORT, POST AND CONSTRUCTION
LAO PEOPLE'S DEMOCRATIC REPUBLIC

BASIC DESIGN STUDY ON THE PROJECT FOR THE
IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE
LAO PEOPLE'S DEMOCRATIC REPUBLIC

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

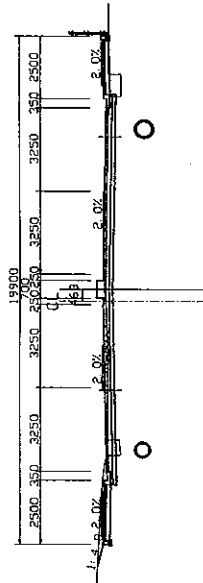
TITLE:
CROSS SECTIONS OF ROAD
(STA. 6+860- STA. 6+980)

SCALE:
1:100

DRAWING No:
CS-12

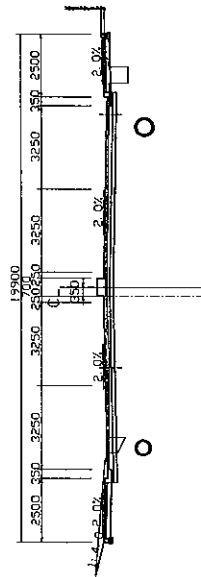
REV.

STA. 7+040
FH=170.511
GH=170.39



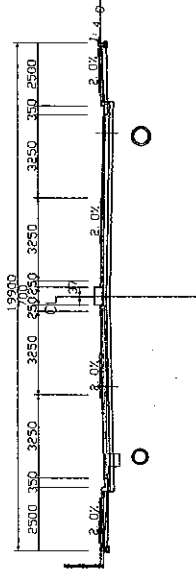
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STA. 7+035.962
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GH=170.39



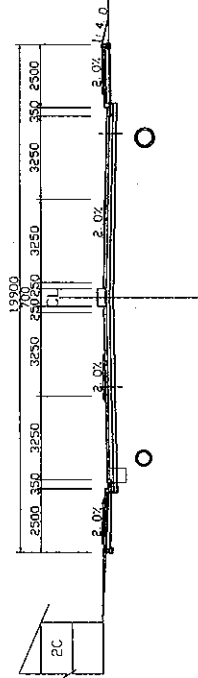
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STA. 7+020
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GH=170.38



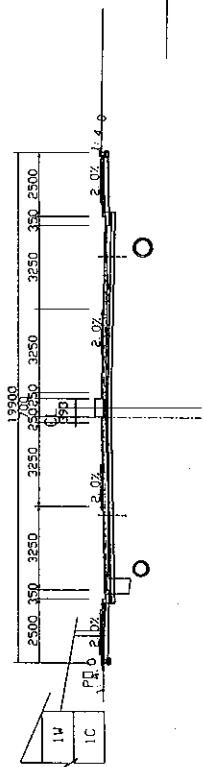
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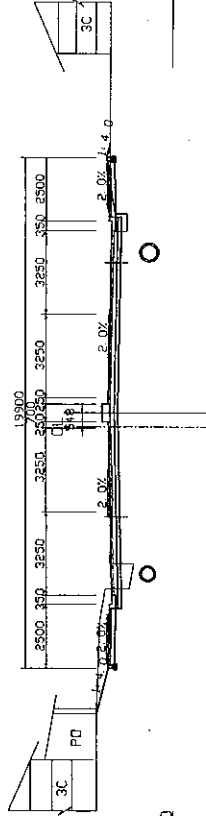
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FH=170.508
GH=170.37



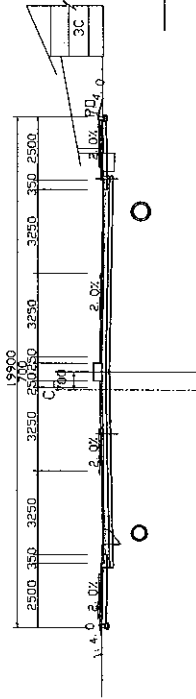
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STA. 7+080
FH=170.491
GH=170.39



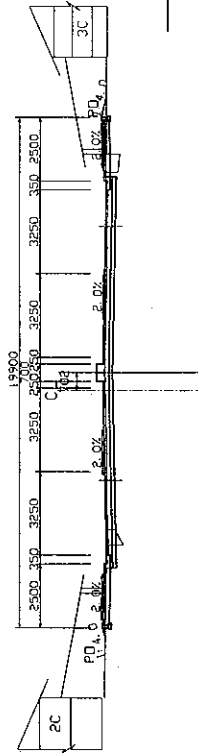
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STA. 7+060.202
FH=170.501
GH=170.42



DL=168.00

STA. 7+060
FH=170.501
GH=170.42



DL=168.00

NOTE: CL Represents The Survey Center (Center Of the Existing Road)

ROADS DEPARTMENT, MINISTRY OF COMMUNICATION
TRANSPORT, POST AND CONSTRUCTION
LAO PEOPLE'S DEMOCRATIC REPUBLIC

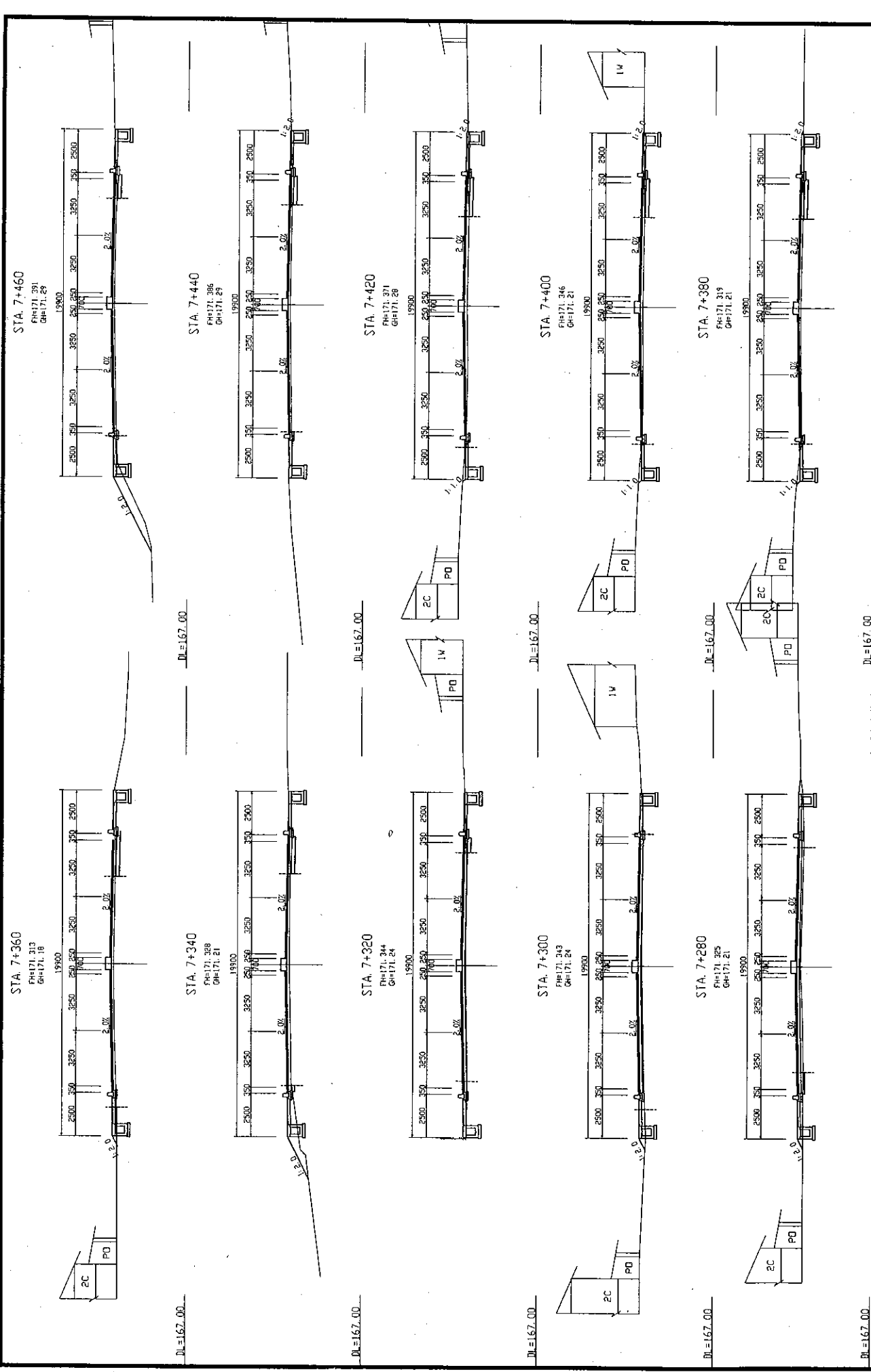
BASIC DESIGN STUDY ON THE PROJECT FOR THE
IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE
LAO PEOPLE'S DEMOCRATIC REPUBLIC

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

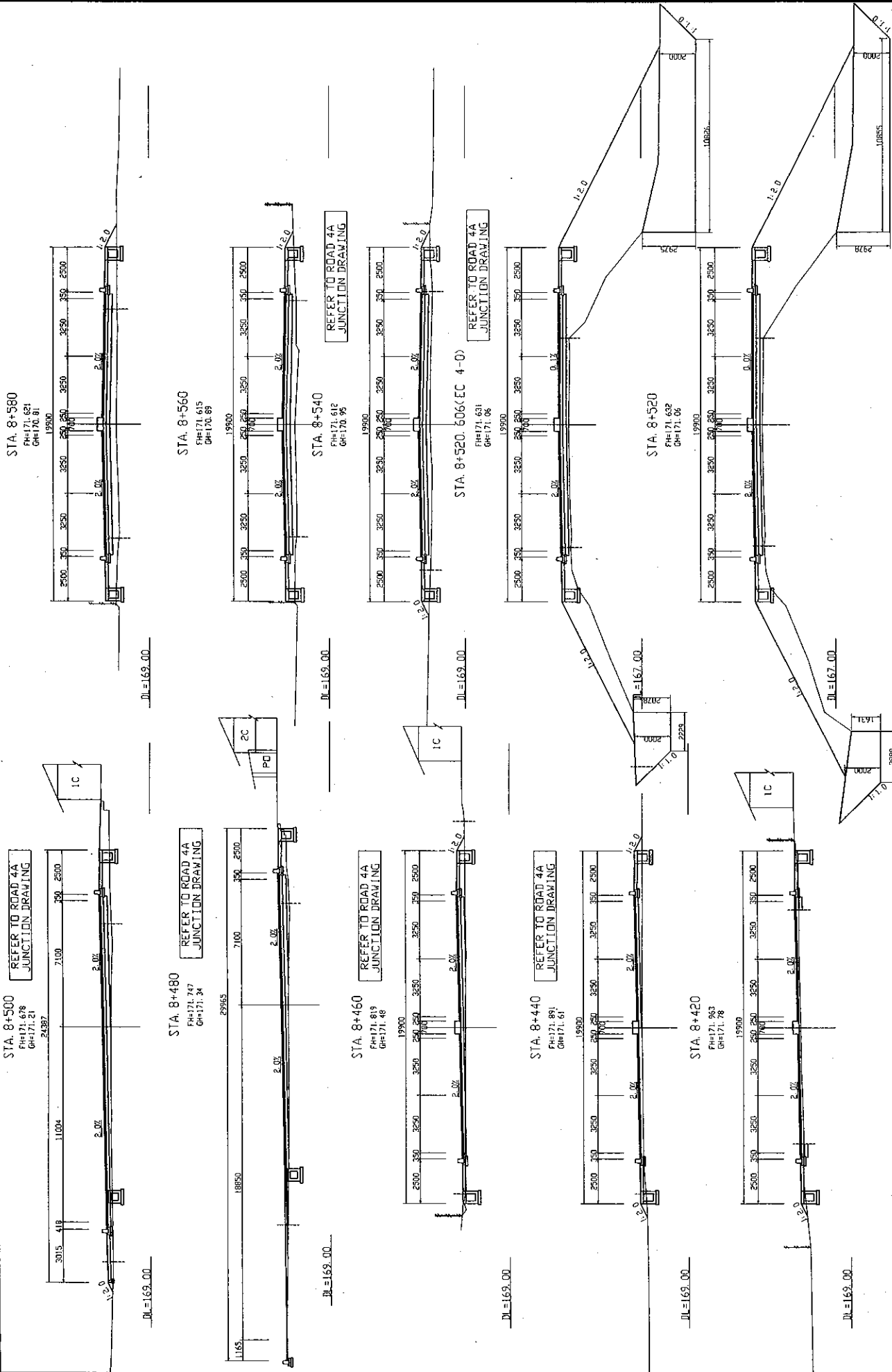
TITLE:
CROSS SECTIONS OF ROAD
(STA. 7+0- STA. 7+100)

SCALE:
1:100

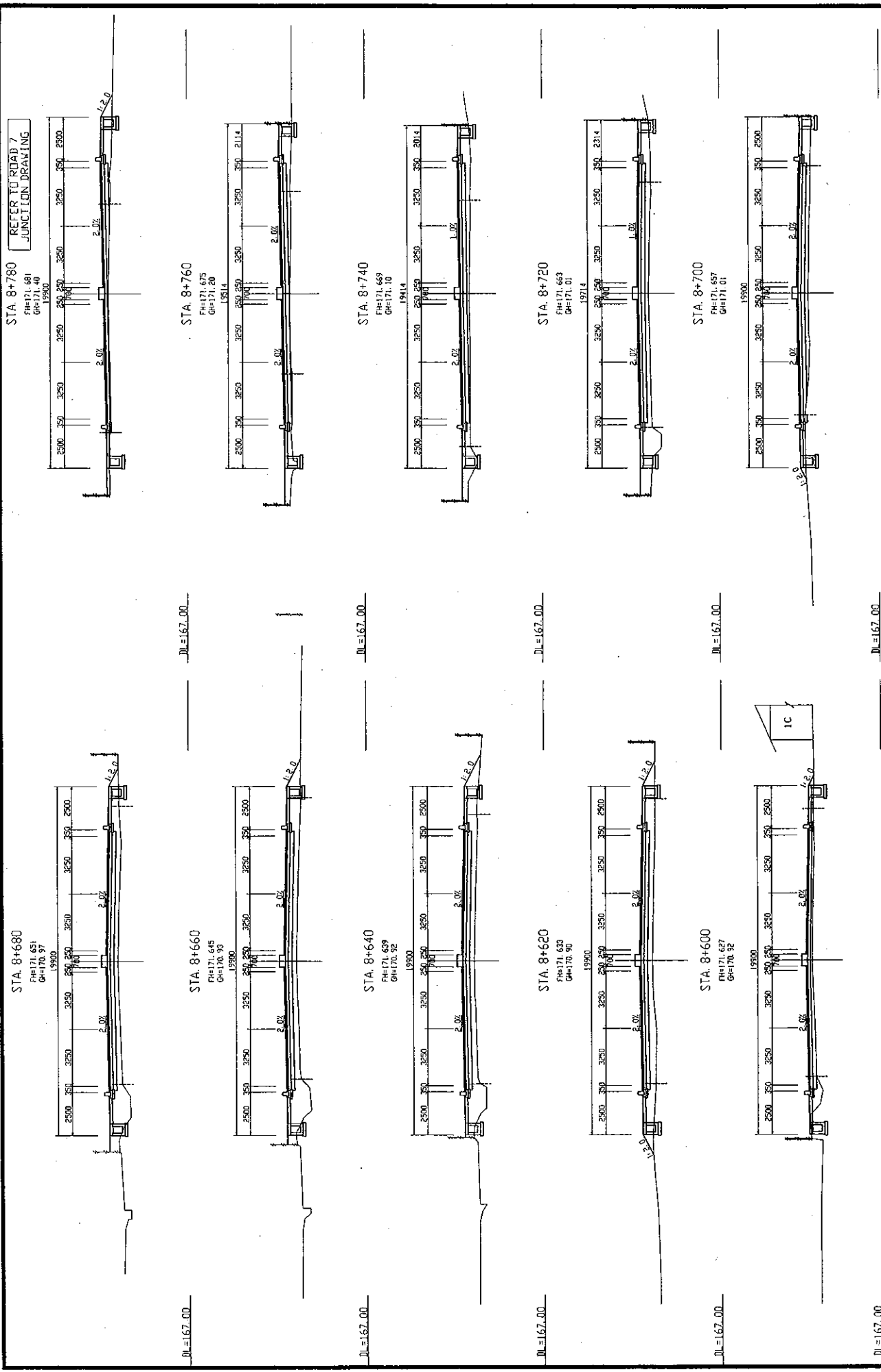
DRAWING No:
CS-13
RV



ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO. LTD	TITLE:	CROSS SECTIONS OF ROAD (STA. 7+280 - STA. 7+460)	SCALE:	1:100	DRAWING NO:	CS-14	REV:

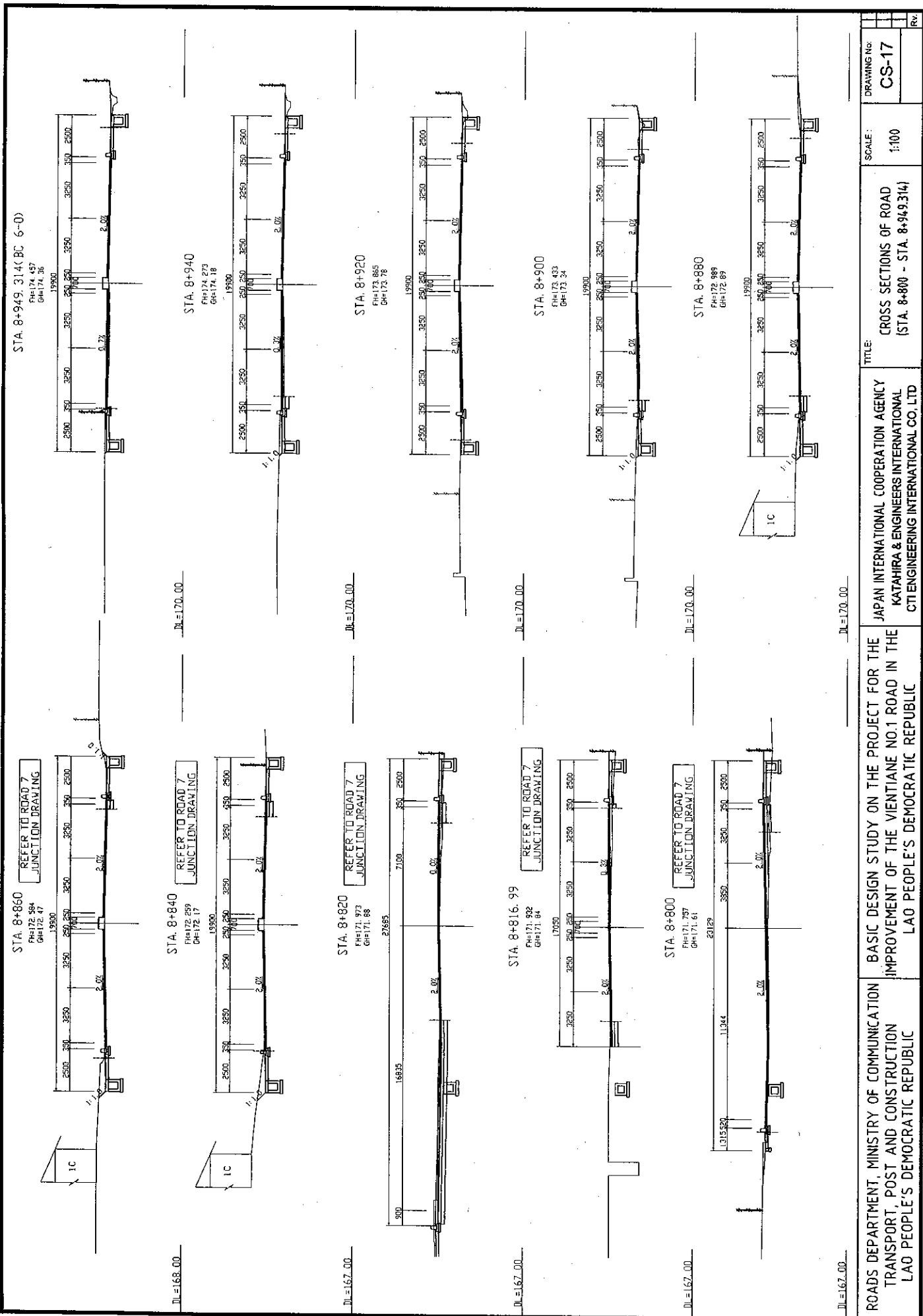


ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO. LTD	CROSS SECTIONS OF ROAD (STA. 8+420 - STA. 8+580)	SCALE: 1:100	DRAWING NO: CS-15	R.V.
TITLE:						



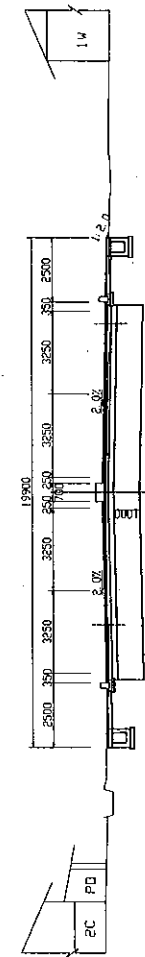
REFER TO ROAD 7
JUNCTION DRAWING

ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO. LTD	TITLE:	CROSS SECTIONS OF ROAD (STA. 8+600 - STA. 8+780)	SCALE:	1:100	DRAWING NO:	CS-16
			PK#:					



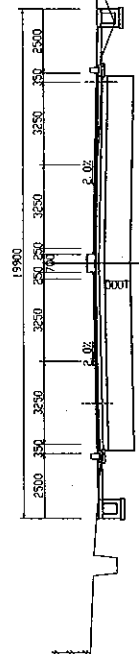
ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO. LTD	TITLE:	CROSS SECTIONS OF ROAD (STA. 8+800 - STA. 8+949.314)	SCALE:	1:100	DRAWING No:	CS-17	Rv

STA. 12+011.42
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 GH=169.90



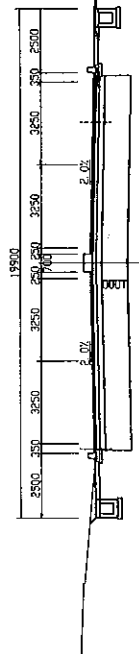
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STA. 12+000
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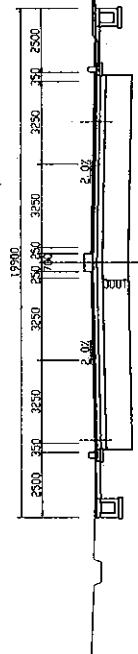
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STA. 11+980
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 GH=169.91



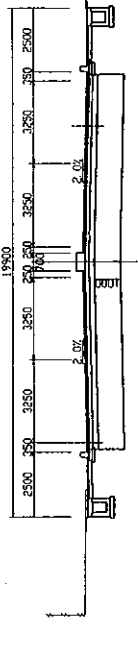
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STA. 11+960
 FH=170.028
 GH=169.93



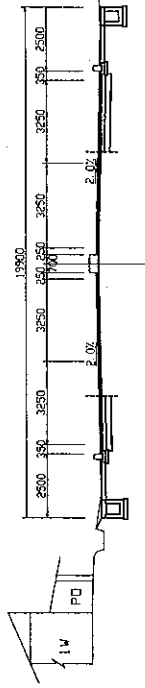
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STA. 11+940
 FH=170.038
 GH=169.93



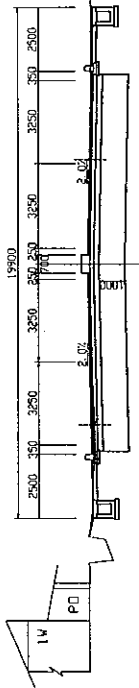
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STA. 12+092.5
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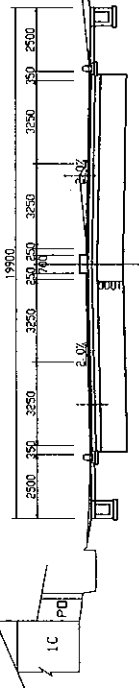
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STA. 12+080
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 GH=170.05



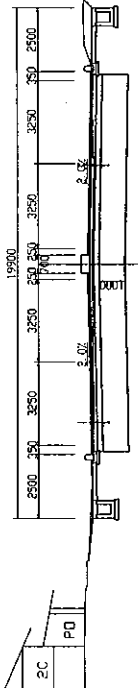
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STA. 12+060
 FH=170.089
 GH=170.00



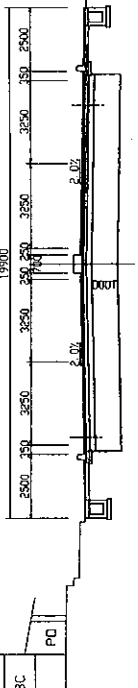
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STA. 12+040
 FH=170.069
 GH=169.88



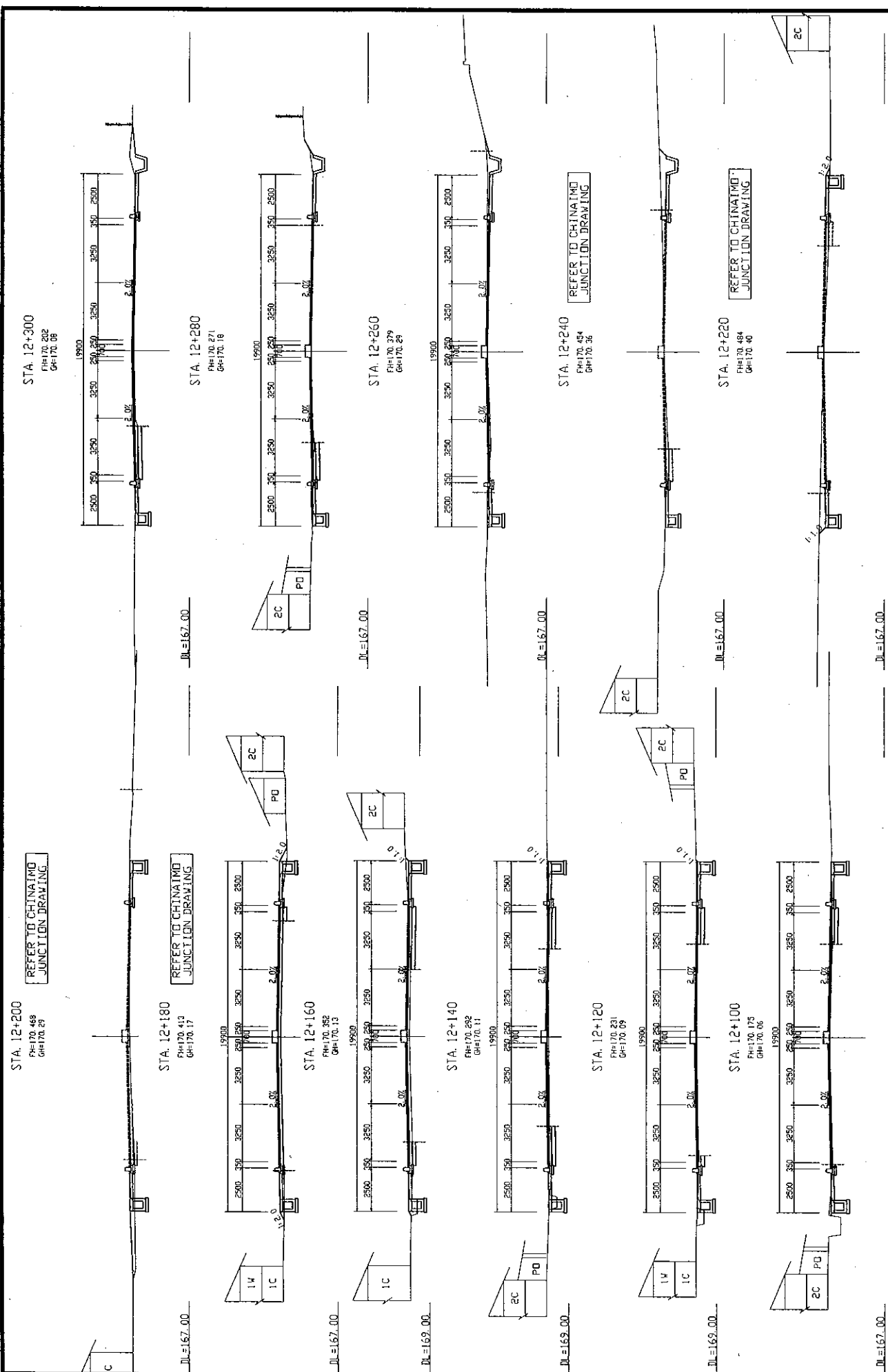
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STA. 12+020
 FH=170.038
 GH=169.90



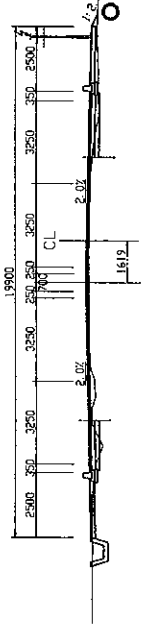
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ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO. LTD	TITLE:	CROSS SECTIONS OF ROAD (STA. 11+940 - STA. 12+092.5)	SCALE:	1:100	DRAWING No:	CS-18	REV.

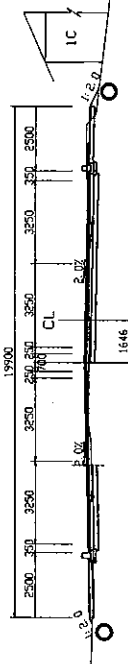


ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO. LTD	TITLE:	CROSS SECTIONS OF ROAD (STA. 12+100 - STA. 12+300)	DRAWING No:	CS-19	RV:
			SCALE:	1:100			

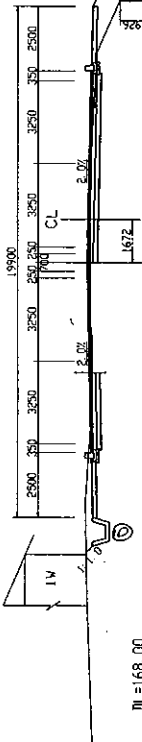
STA. 13+360
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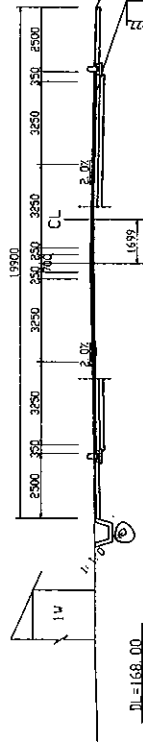
STA. 13+440
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 GH=170.34



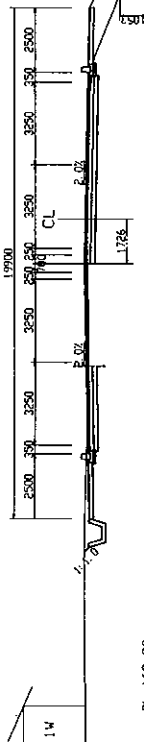
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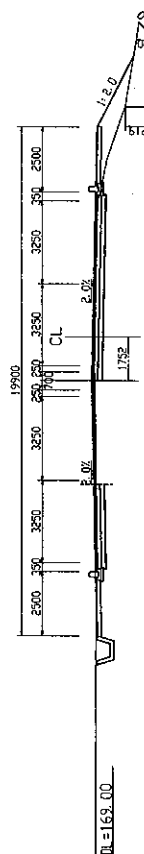
STA. 13+400
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 GH=169.90



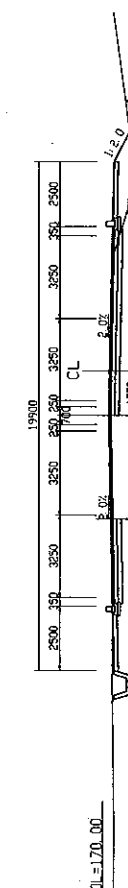
STA. 13+380
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 GH=169.77



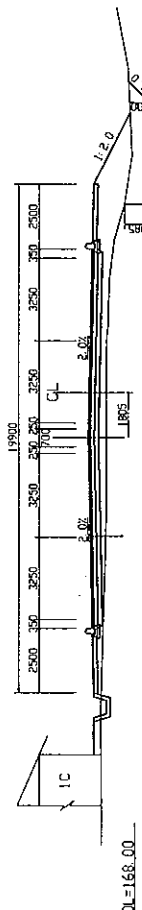
STA. 13+360
 FH=169.797
 GH=169.68



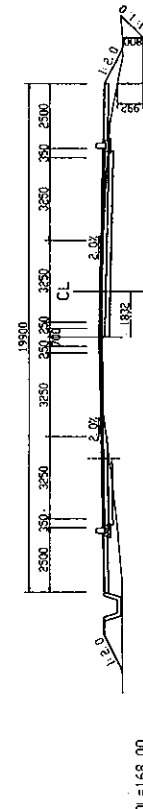
STA. 13+340
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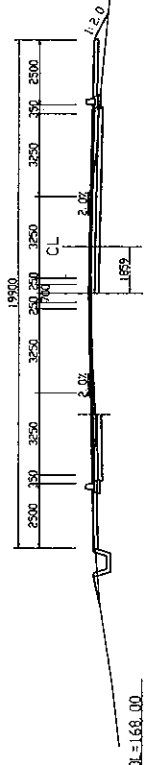
STA. 13+320
 FH=169.797
 GH=169.70



STA. 13+300
 FH=169.902
 GH=169.77

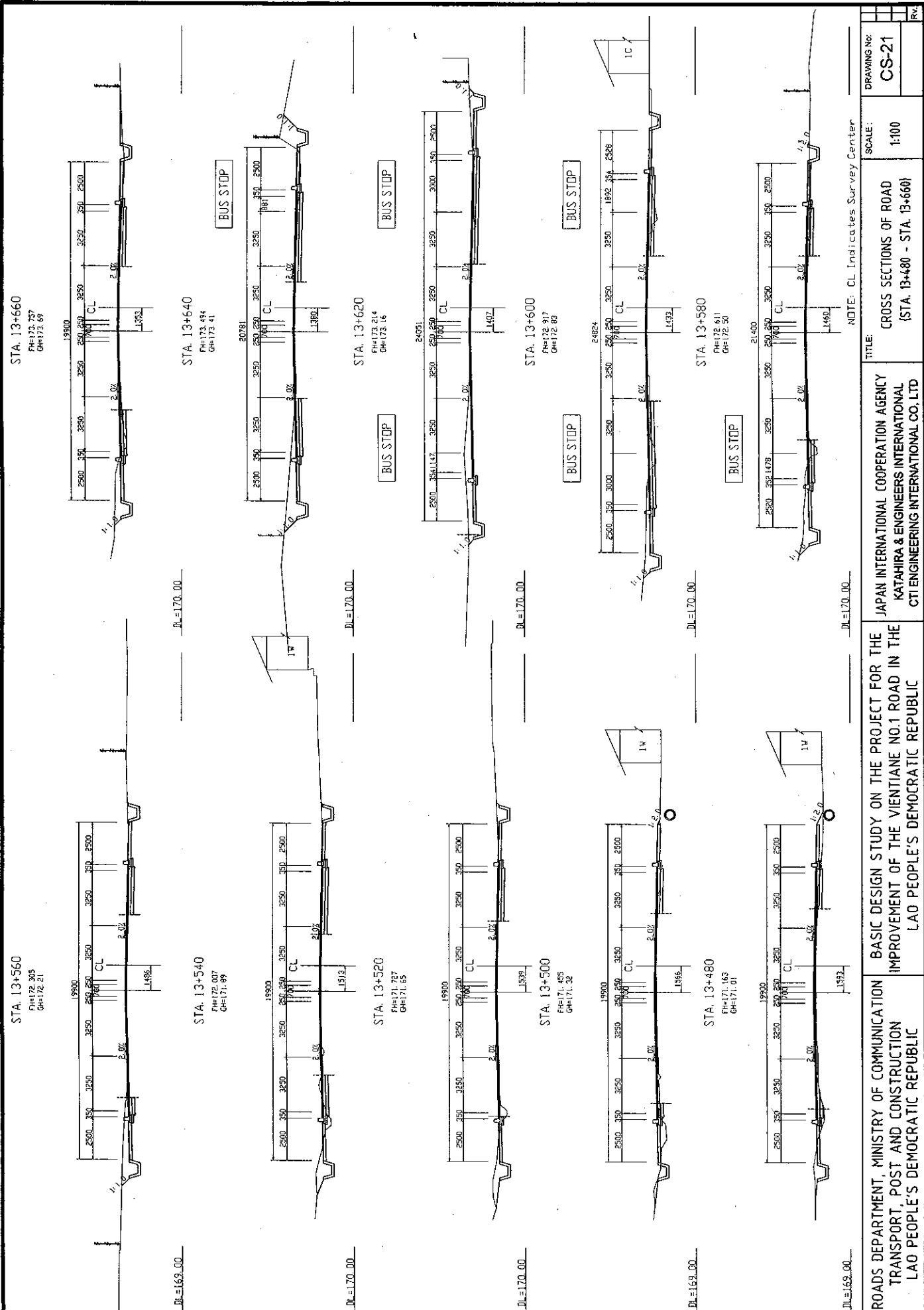


STA. 13+280
 GH=169.97



NOTE: CL Indicates Survey Center

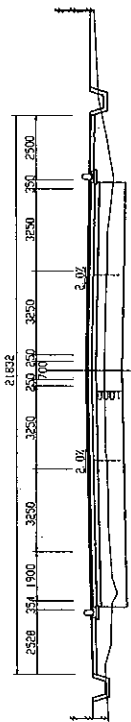
ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO. LTD	TITLE	CROSS SECTIONS OF ROAD (STA. 13+280 - STA. 13+460)	
				DRAWING NO: CS-20	SCALE: 1:100
				REV.	



ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO. LTD	TITLE:	CROSS SECTIONS OF ROAD (STA. 13+480 - STA. 13+660)	SCALE: 1:100	DRAWING No: CS-21	REV.
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STA. 15+120
FH=170.596
GH=168.87

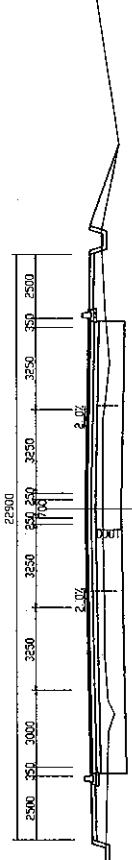
BUS STOP



DL=168.00

STA. 15+100
FH=170.574
GH=169.89

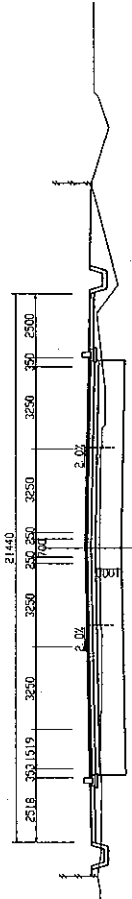
BUS STOP



DL=168.00

STA. 15+080
FH=170.00
GH=170.562

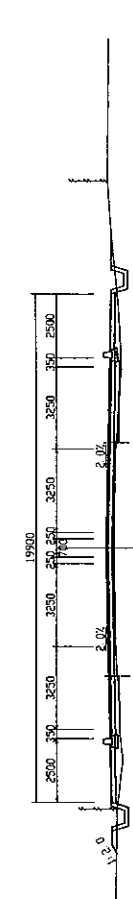
BUS STOP



DL=168.00

STA. 15+060
FH=170.590
GH=170.28

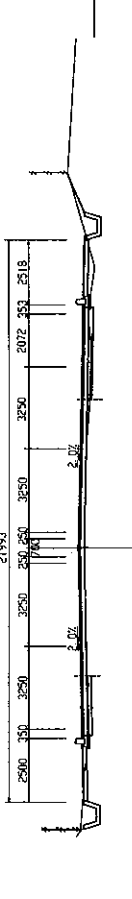
BUS STOP



DL=168.00

STA. 15+040
FH=170.703
GH=170.48

BUS STOP

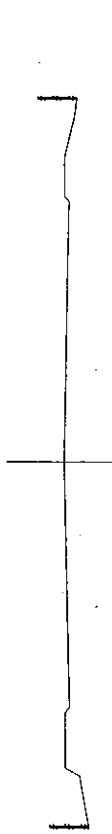


DL=168.00

STA. 15+200
FH=170.64
GH=170.64

REFER TO NONGHAI
JUNCTION DRAWING

Existing Pavement to be Used



DL=168.00

STA. 15+191.875
FH=170.63
GH=170.63

REFER TO NONGHAI
JUNCTION DRAWING

Existing Pavement to be Used

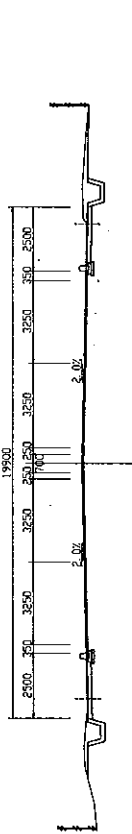


DL=168.00

STA. 15+180
FH=170.622
GH=170.61

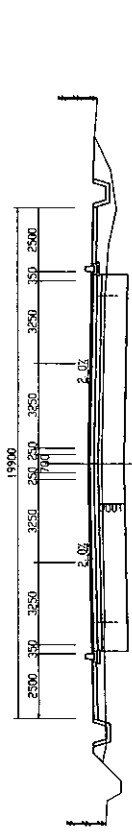
REFER TO NONGHAI
JUNCTION DRAWING

Existing Pavement to be Used



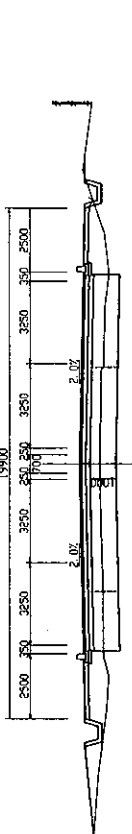
DL=168.00

STA. 15+160
FH=170.610
GH=170.07



DL=168.00

STA. 15+140
FH=170.598
GH=169.82



DL=168.00

ROADS DEPARTMENT, MINISTRY OF COMMUNICATION
TRANSPORT, POST AND CONSTRUCTION
LAO PEOPLE'S DEMOCRATIC REPUBLIC

BASIC DESIGN STUDY ON THE PROJECT FOR THE
IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE
LAO PEOPLE'S DEMOCRATIC REPUBLIC

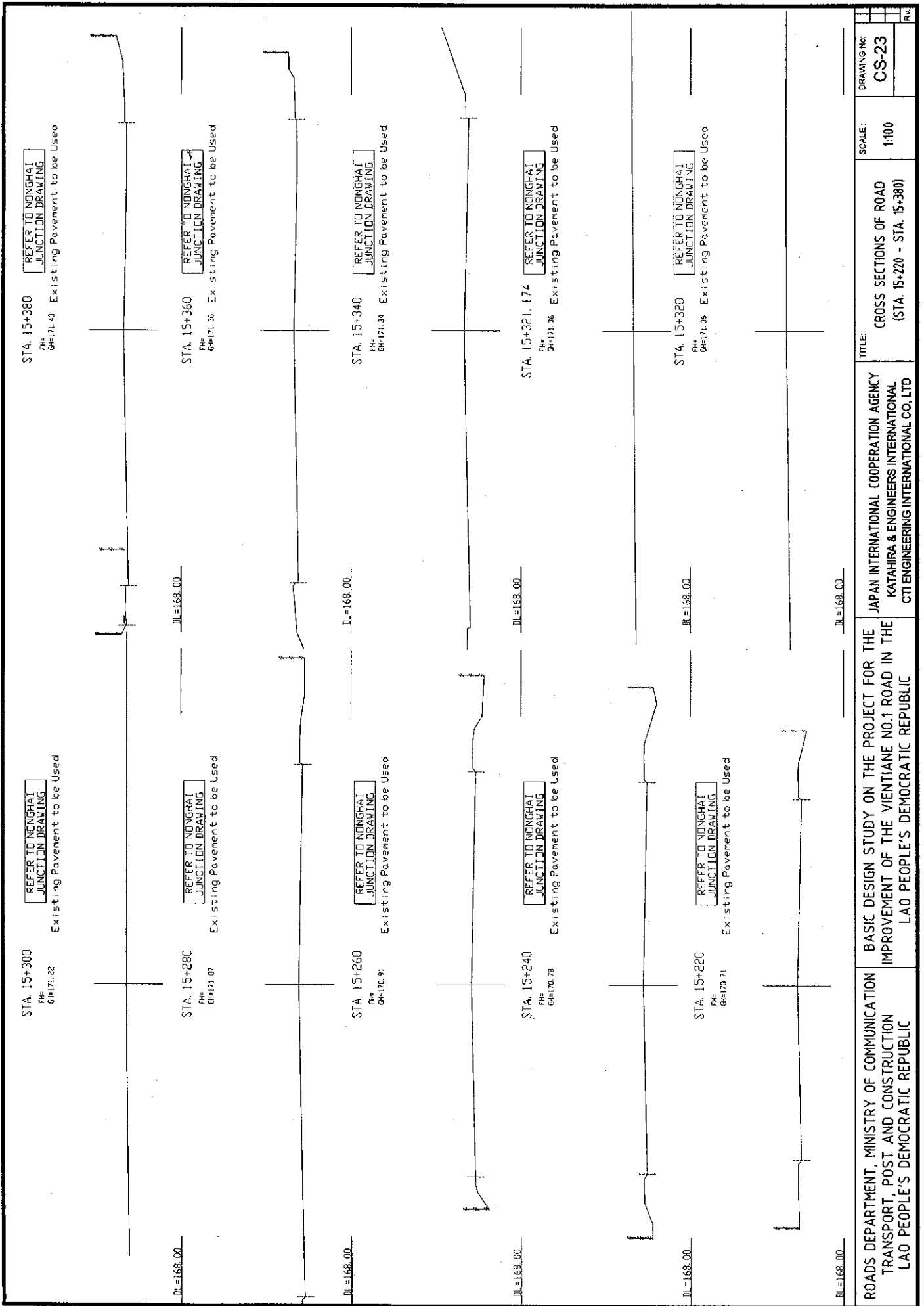
JAPAN INTERNATIONAL COOPERATION AGENCY
KATAHIRA & ENGINEERS INTERNATIONAL
CTI ENGINEERING INTERNATIONAL CO., LTD

CROSS SECTIONS OF ROAD
(STA. 15+040 - STA. 15+200)

SCALE: 1:100

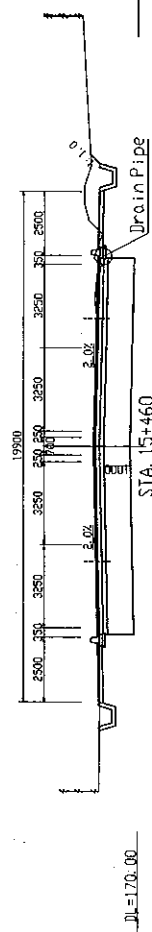
DRAWING No: CS-22

Rv.

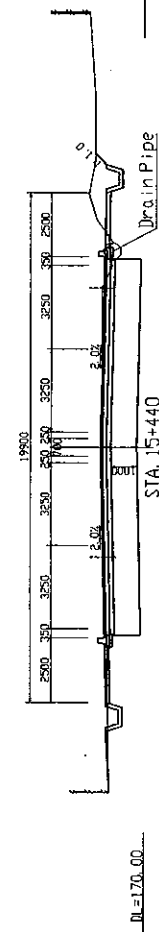


ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO. LTD	TITLE:	CROSS SECTIONS OF ROAD (STA. 15+220 - STA. 15+380)	SCALE:	1:100	DRAWING NO:	CS-23	REV:

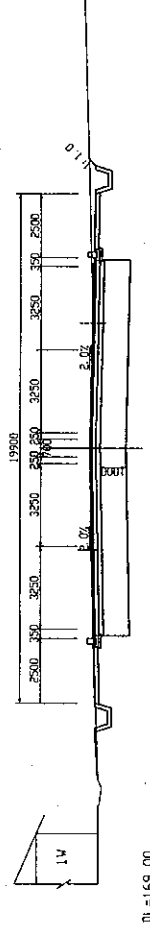
STA. 15+462.169
 FH=171.683
 GH=171.65



STA. 15+460
 FH=171.669
 GH=171.65

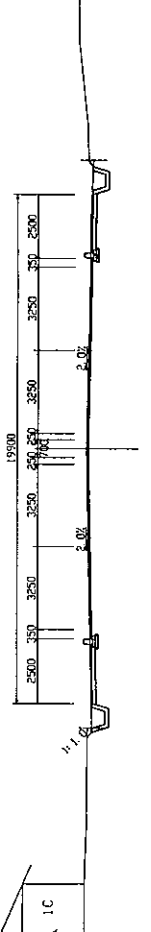


STA. 15+440
 FH=171.399
 GH=171.51



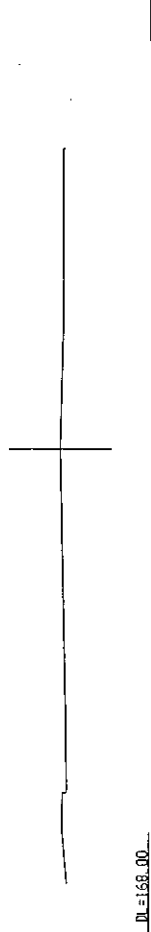
STA. 15+420
 FH=171.490
 GH=171.49

REFER TO NONGHAT
 JUNCTION DRAWING
 Existing Pavement to be Used

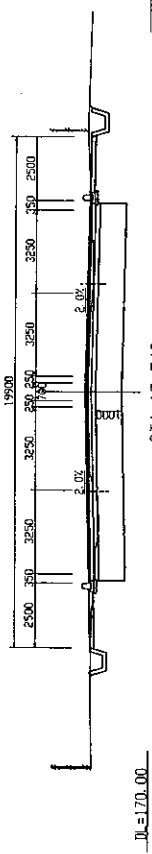


STA. 15+400
 FH=171.44
 GH=171.44

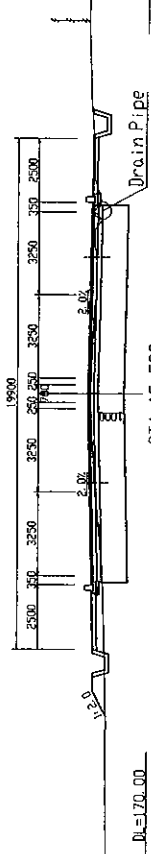
REFER TO NONGHAT
 JUNCTION DRAWING
 Existing Pavement to be Used



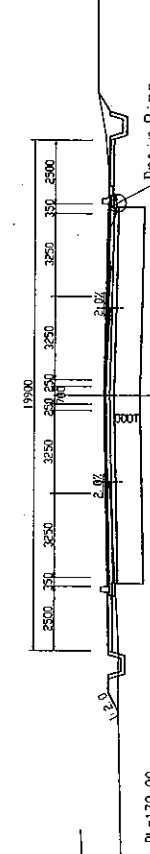
STA. 15+560
 FH=172.443
 GH=172.32



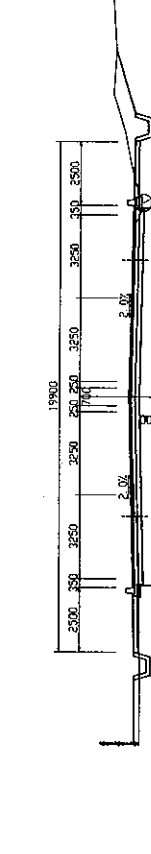
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 GH=172.19



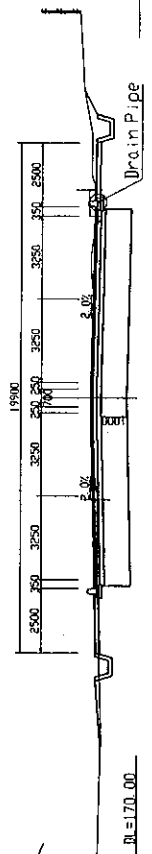
STA. 15+520
 FH=172.147
 GH=172.09



STA. 15+500
 FH=171.988
 GH=171.98

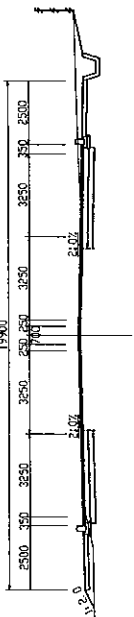


STA. 15+480
 FH=171.820
 GH=171.73



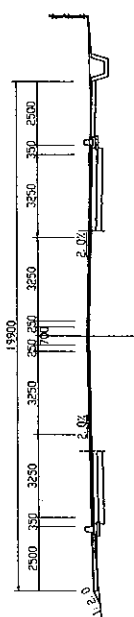
ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHARA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO., LTD	TITLE:	CROSS SECTIONS OF ROAD (STA. 15+400 - STA. 15+560)	SCALE:	1:100	DRAWING NO.:	CS-24	REV:

STA. 16+220
 FH=169.211
 GH=169.13



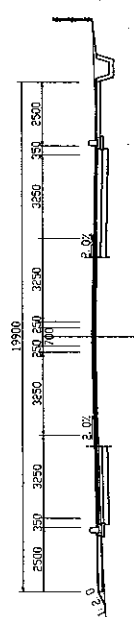
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STA. 16+200
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 GH=169.35



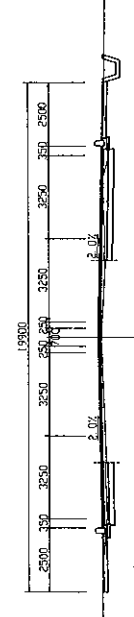
DL=167.00

STA. 16+180
 FH=169.767
 GH=169.64



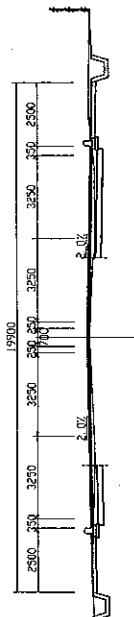
DL=168.00

STA. 16+160
 FH=170.168
 GH=170.04



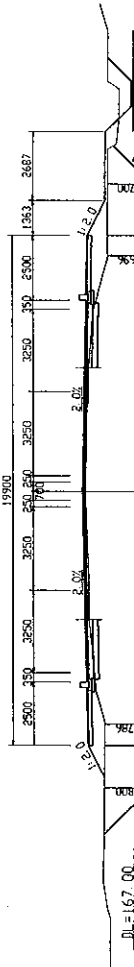
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STA. 16+140
 FH=170.592
 GH=170.49



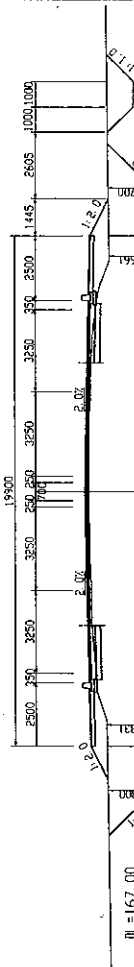
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STA. 16+320
 FH=168.960
 GH=168.85



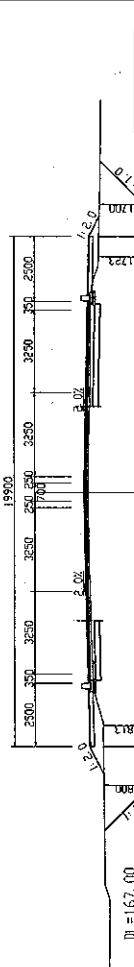
DL=167.00

STA. 16+300
 FH=168.968
 GH=168.82



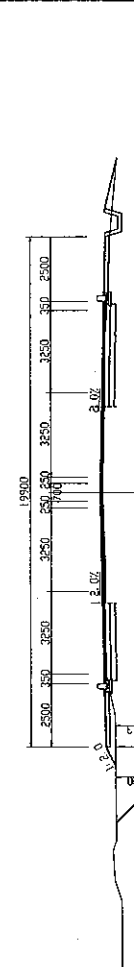
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STA. 16+280
 FH=168.976
 GH=168.93



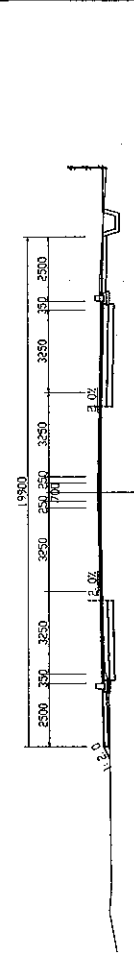
DL=167.00

STA. 16+260
 FH=168.987
 GH=168.89



DL=167.00

STA. 16+240
 FH=169.057
 GH=168.95



DL=167.00

ROADS DEPARTMENT, MINISTRY OF COMMUNICATION
 TRANSPORT, POST AND CONSTRUCTION
 LAO PEOPLE'S DEMOCRATIC REPUBLIC

BASIC DESIGN STUDY ON THE PROJECT FOR THE
 IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE
 LAO PEOPLE'S DEMOCRATIC REPUBLIC

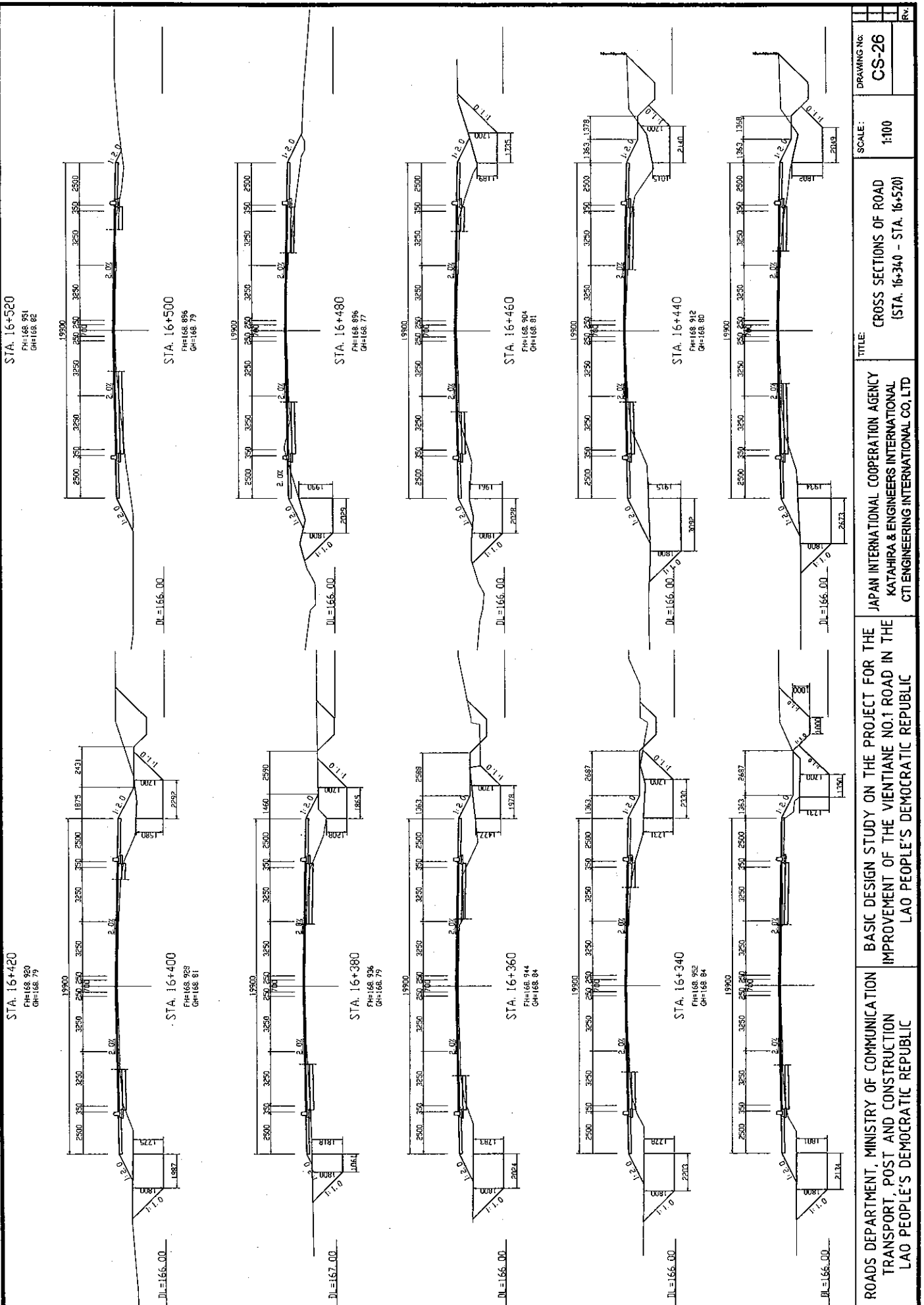
JAPAN INTERNATIONAL COOPERATION AGENCY
 KATAHIRA & ENGINEERS INTERNATIONAL
 CTI ENGINEERING INTERNATIONAL CO. LTD

CROSS SECTIONS OF ROAD
 (STA. 16+140 - STA. 16+320)

SCALE: 1:100

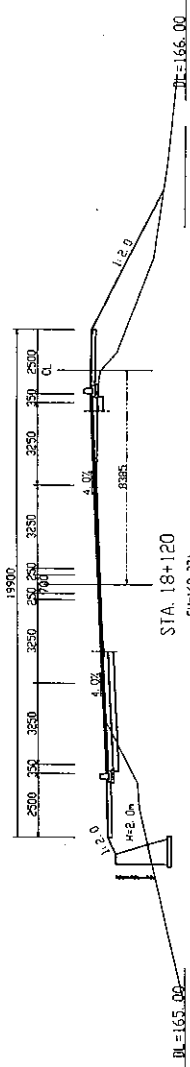
DRAWING NO: CS-25

RV

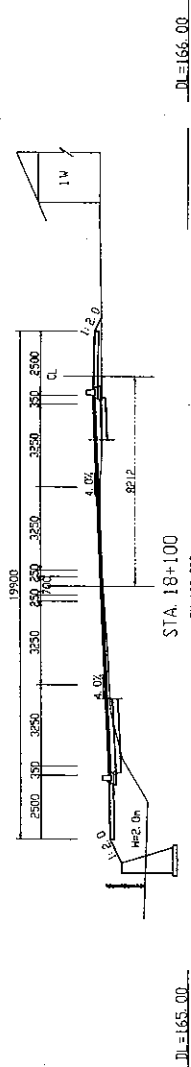


ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO, LTD	TITLE:	CROSS SECTIONS OF ROAD (STA. 16+340 - STA. 16+520)	DRAWING NO:	CS-26
			SCALE:	1:100		

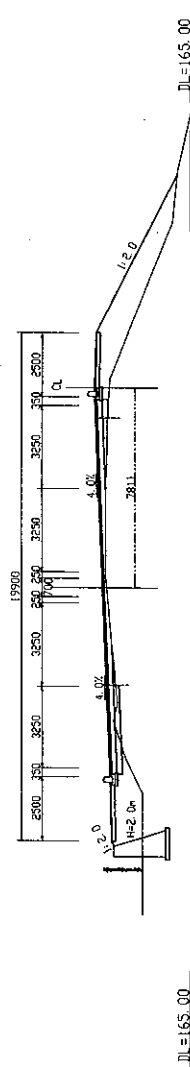
STA. 18+140
 FH=168.344
 GH=168.24



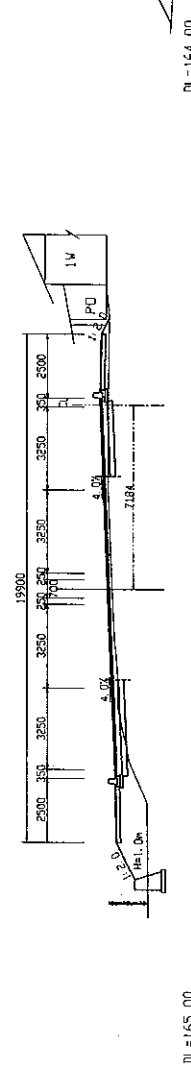
STA. 18+120
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 GH=168.28



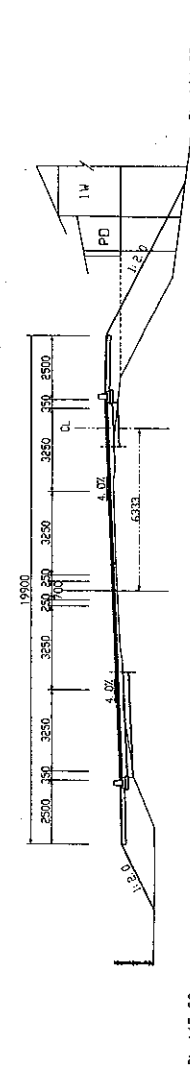
STA. 18+100
 FH=168.392
 GH=168.22



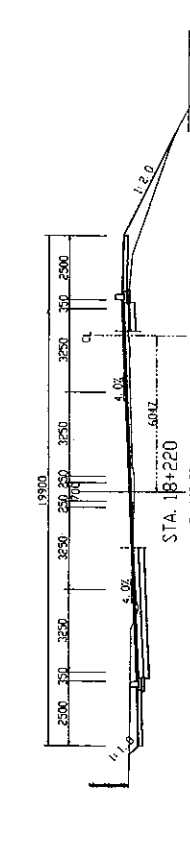
STA. 18+80
 FH=168.407
 GH=168.22



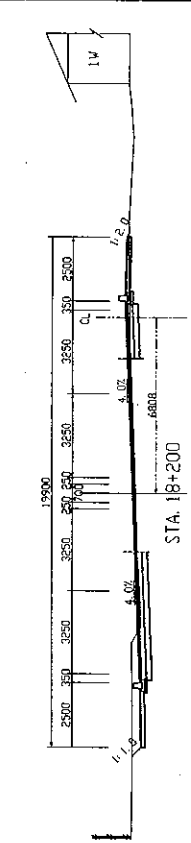
STA. 18+60
 FH=168.418
 GH=168.23



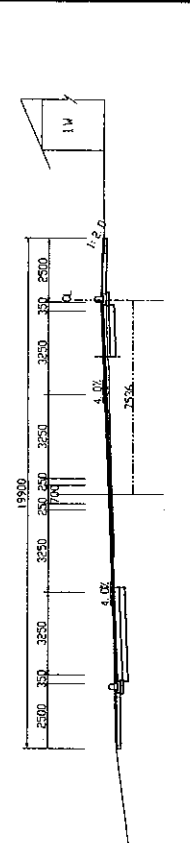
STA. 18+240
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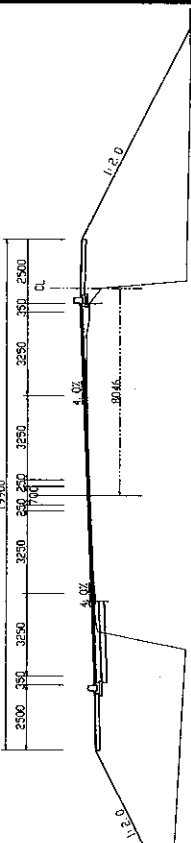
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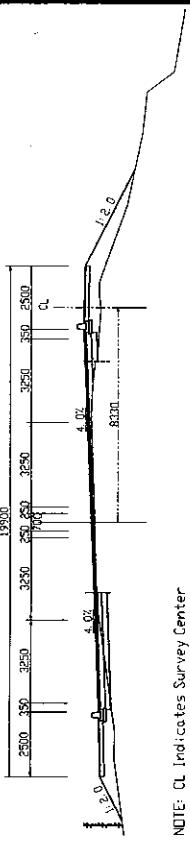
STA. 18+200
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STA. 18+180
 FH=168.271
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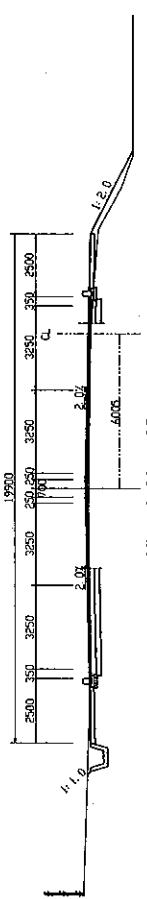
STA. 18+160
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NOTE: CL Indicates Survey Center

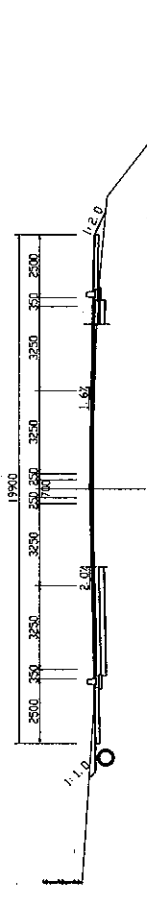
ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CITI ENGINEERING INTERNATIONAL CO. LTD	CROSS SECTIONS OF ROAD (STA. 18+060 - STA. 18+240)	SCALE: 1:100	DRAWING NO: CS-27	Rv.
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STA. 18+309.605
 FH=168.309
 GH=168.17



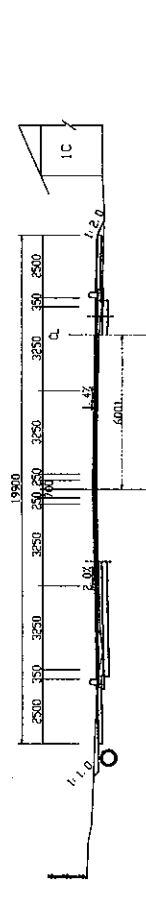
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 GH=168.17



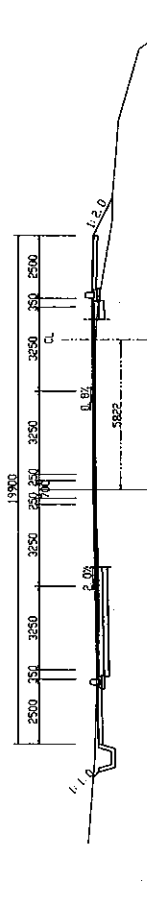
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STA. 18+300
 FH=168.311
 GH=168.16



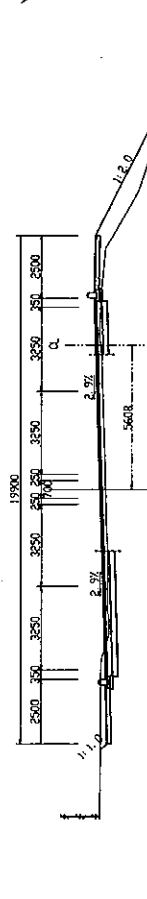
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STA. 18+280
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 GH=168.19



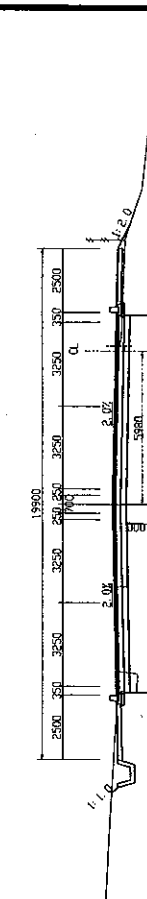
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STA. 18+260
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 GH=168.06



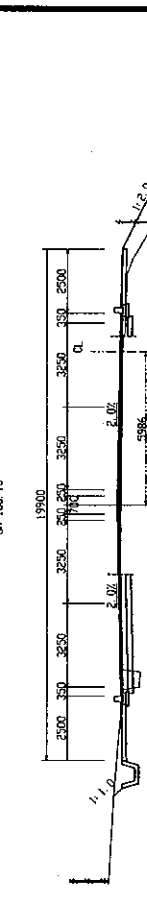
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STA. 18+400
 FH=168.272
 GH=168.13



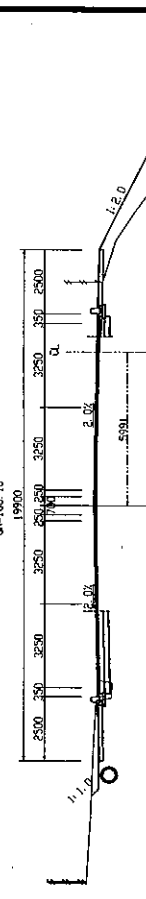
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STA. 18+380
 FH=168.290
 GH=168.13



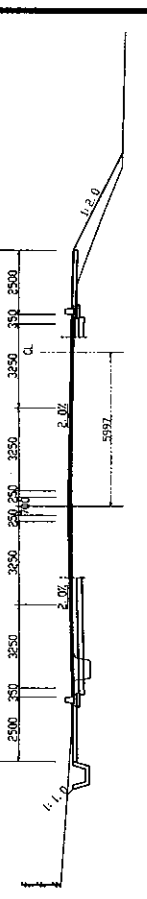
DL=166.00

STA. 18+360
 FH=168.299
 GH=168.18



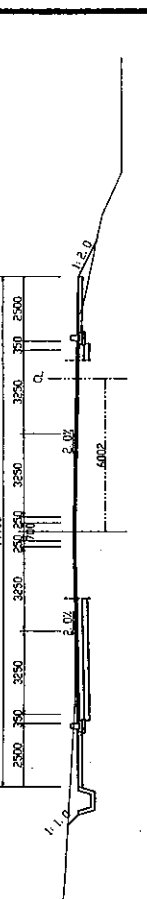
DL=165.00

STA. 18+340
 FH=168.303
 GH=168.14



DL=164.00

STA. 18+320
 FH=168.307
 GH=168.22



DL=164.00

NOTE: CL Indicates Survey Center

ROADS DEPARTMENT, MINISTRY OF COMMUNICATION
 TRANSPORT, POST AND CONSTRUCTION
 LAO PEOPLE'S DEMOCRATIC REPUBLIC

BASIC DESIGN STUDY ON THE PROJECT FOR THE
 IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE
 LAO PEOPLE'S DEMOCRATIC REPUBLIC

JAPAN INTERNATIONAL COOPERATION AGENCY
 KATAHIRA & ENGINEERS INTERNATIONAL
 CITI ENGINEERING INTERNATIONAL CO. LTD

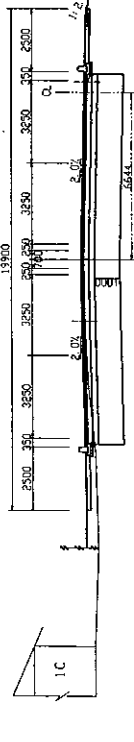
CROSS SECTIONS OF ROAD
 (STA. 18+260 - STA. 18+400)

SCALE: 1:100

DRAWING NO: CS-28

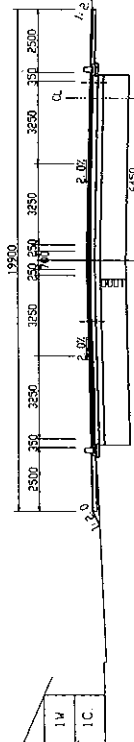
REV

STA. 18+500
FH=168.135
GH=168.00



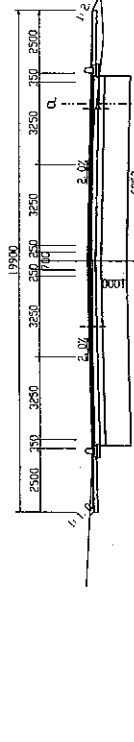
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STA. 18+480
FH=168.147
GH=167.97



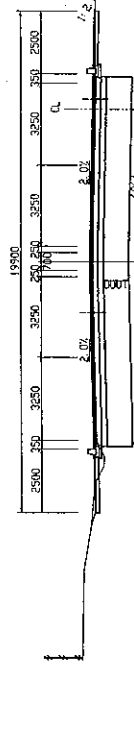
DL=165.00

STA. 18+460
FH=168.171
GH=167.99



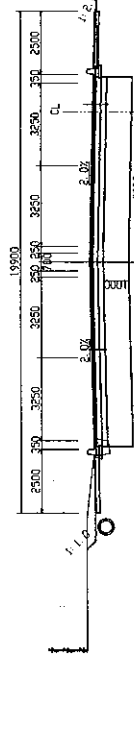
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STA. 18+440
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GH=168.08



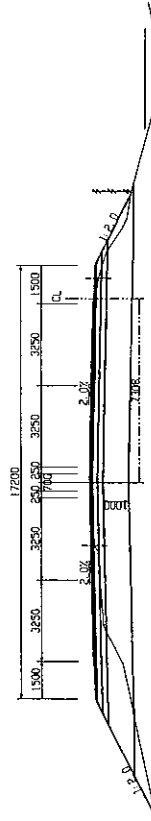
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STA. 18+420
FH=168.244
GH=168.10

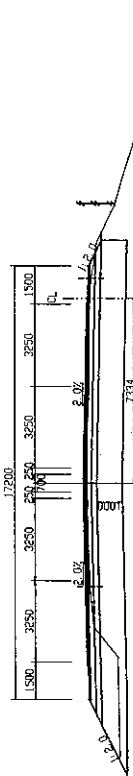


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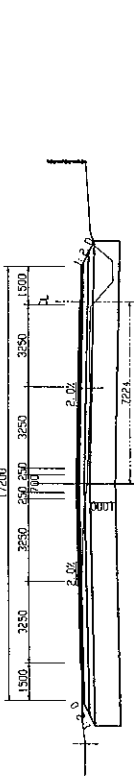
STA. 18+600
FH=168.139
GH=168.03



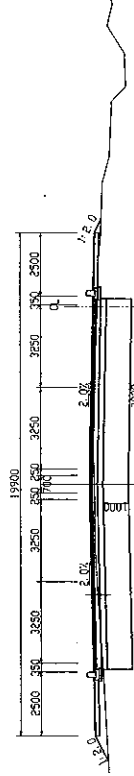
STA. 18+580
FH=168.157
GH=167.93



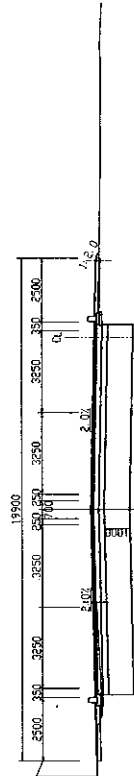
STA. 18+560
FH=168.147
GH=167.72



STA. 18+540
FH=168.141
GH=167.94



STA. 18+520
FH=168.135
GH=168.03



NOTE: CL Indicates Survey Center

ROADS DEPARTMENT, MINISTRY OF COMMUNICATION
TRANSPORT, POST AND CONSTRUCTION
LAO PEOPLE'S DEMOCRATIC REPUBLIC

BASIC DESIGN STUDY ON THE PROJECT FOR THE
IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE
LAO PEOPLE'S DEMOCRATIC REPUBLIC

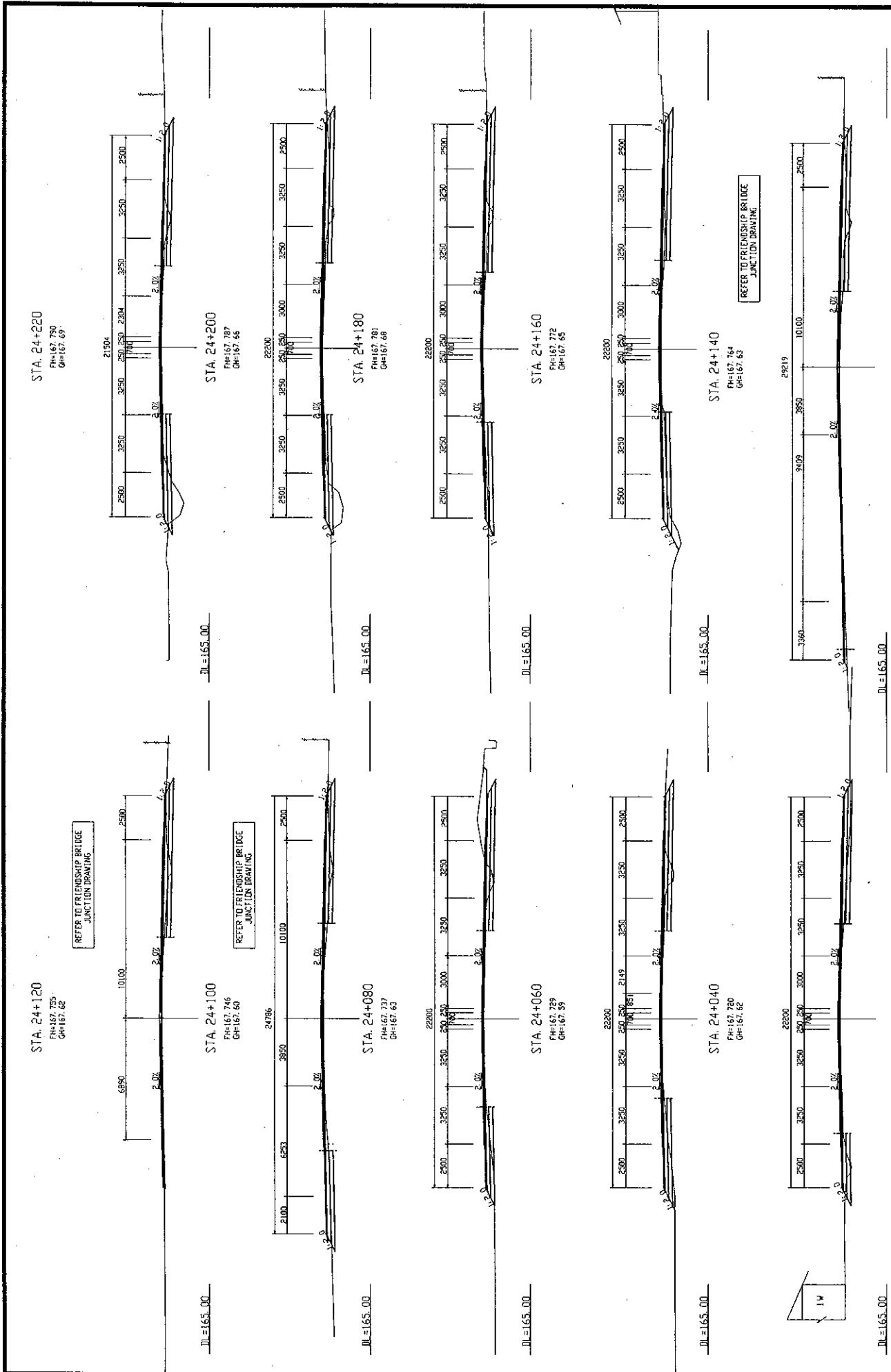
JAPAN INTERNATIONAL COOPERATION AGENCY
KATAHIRA & ENGINEERS INTERNATIONAL
CTI ENGINEERING INTERNATIONAL CO. LTD

TITLE: CROSS SECTIONS OF ROAD
(STA. 18+420 - STA. 18+600)

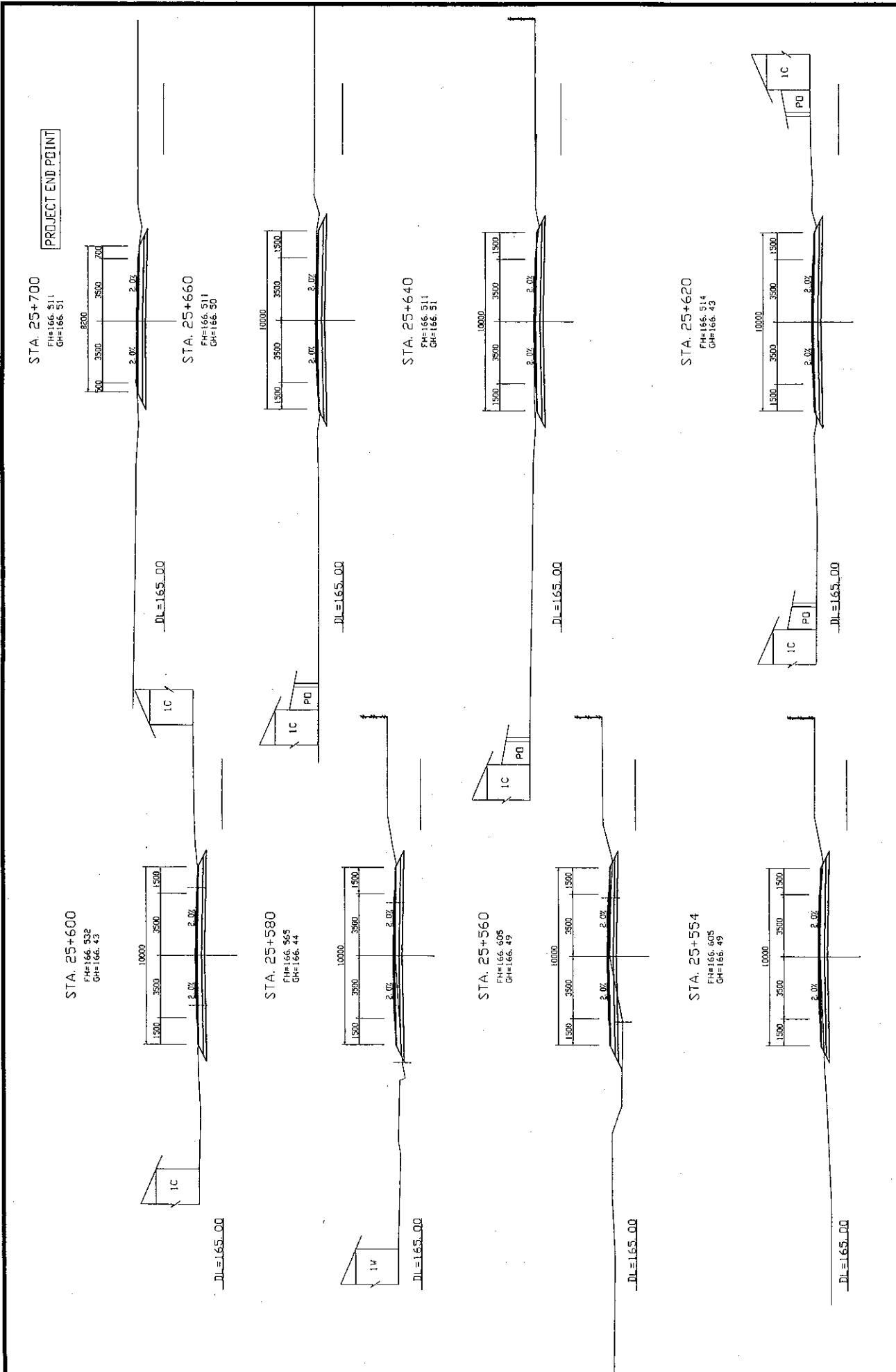
SCALE: 1:100

DRAWING No: CS-29

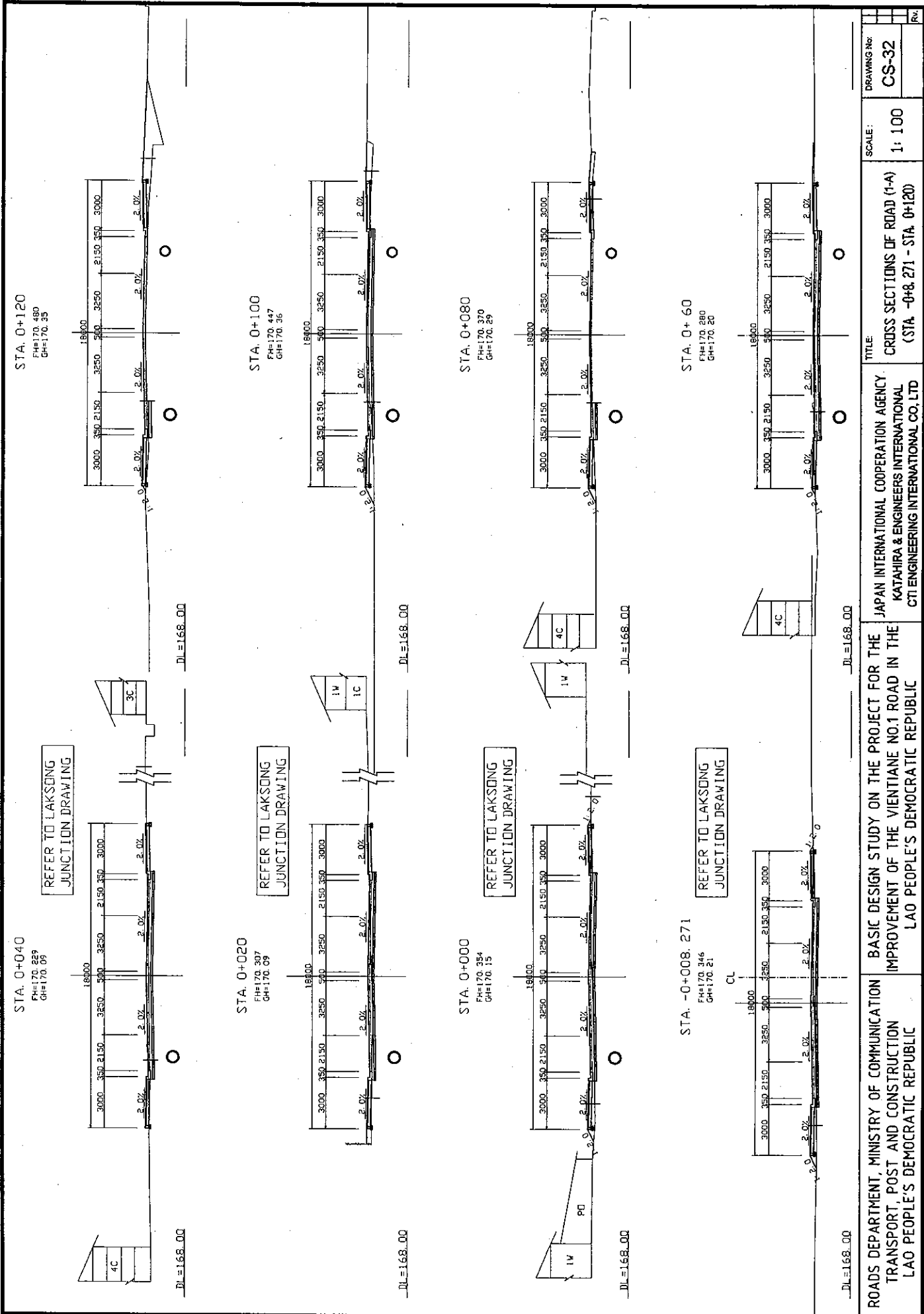
REV



ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO, LTD	TITLE:	CROSS SECTIONS OF ROAD (STA. 24+040 - STA. 24+220)	SCALE:	1:100	DRAWING NO:	CS-30
			Rev					



ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO. LTD	TITLE:	CROSS SECTIONS OF ROAD (STA. 24+440 - STA. 24+500)	SCALE:	1:100	DRAWING No:	CS-31	REV:



STA. 0+120
 FH=170.480
 GH=170.35

STA. 0+100
 FH=170.447
 GH=170.36

STA. 0+080
 FH=170.370
 GH=170.29

STA. 0+60
 FH=170.280
 GH=170.20

STA. 0+040
 FH=170.829
 GH=170.09

STA. 0+020
 FH=170.307
 GH=170.09

STA. 0+000
 FH=170.354
 GH=170.15

STA. -0+008.271
 FH=170.346
 GH=170.21

DRAWING No:
CS-32

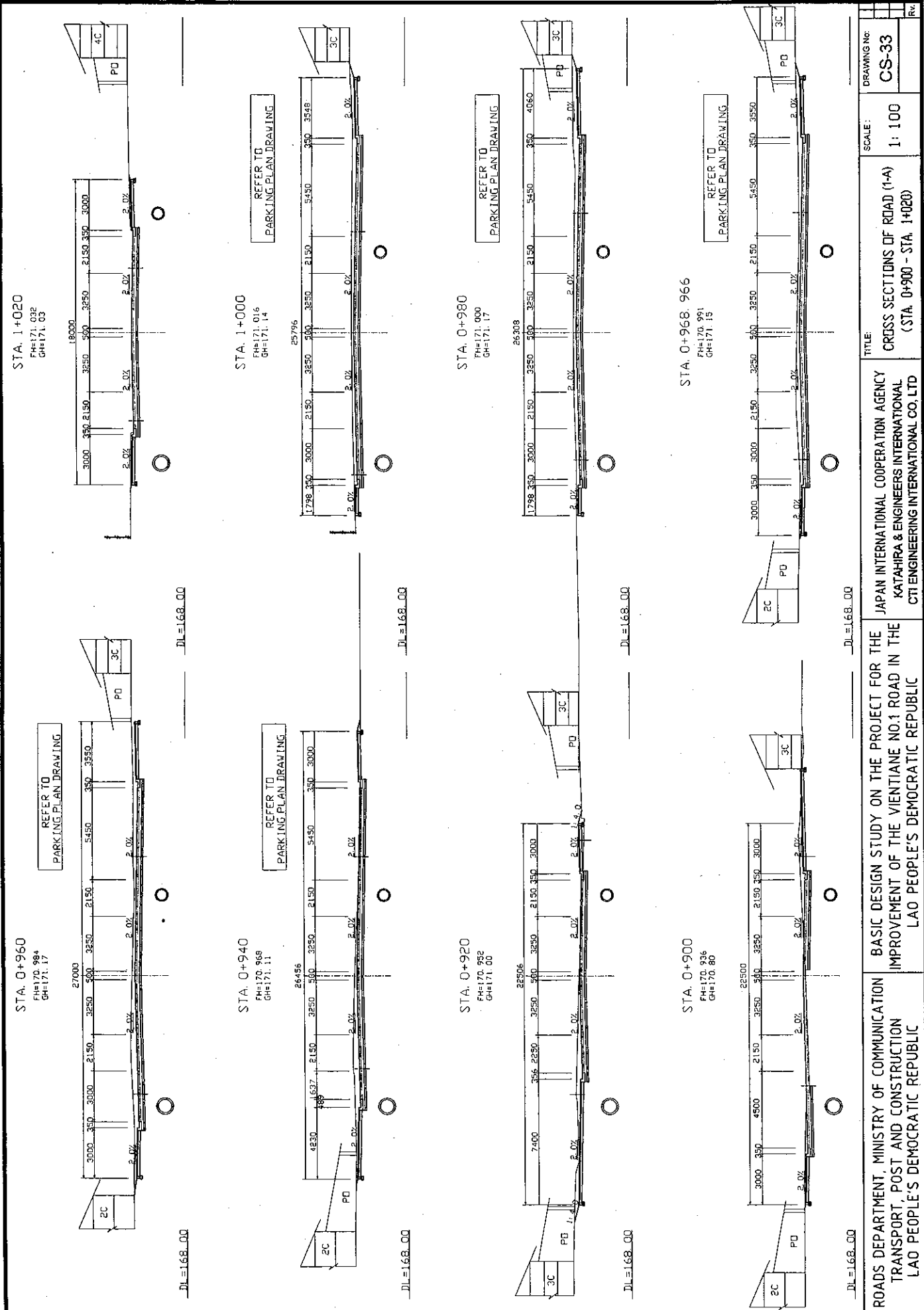
SCALE:
 1: 100

TITLE:
**CROSS SECTIONS OF ROAD (1-A)
 (STA. 0+8.271 - STA. 0+120)**

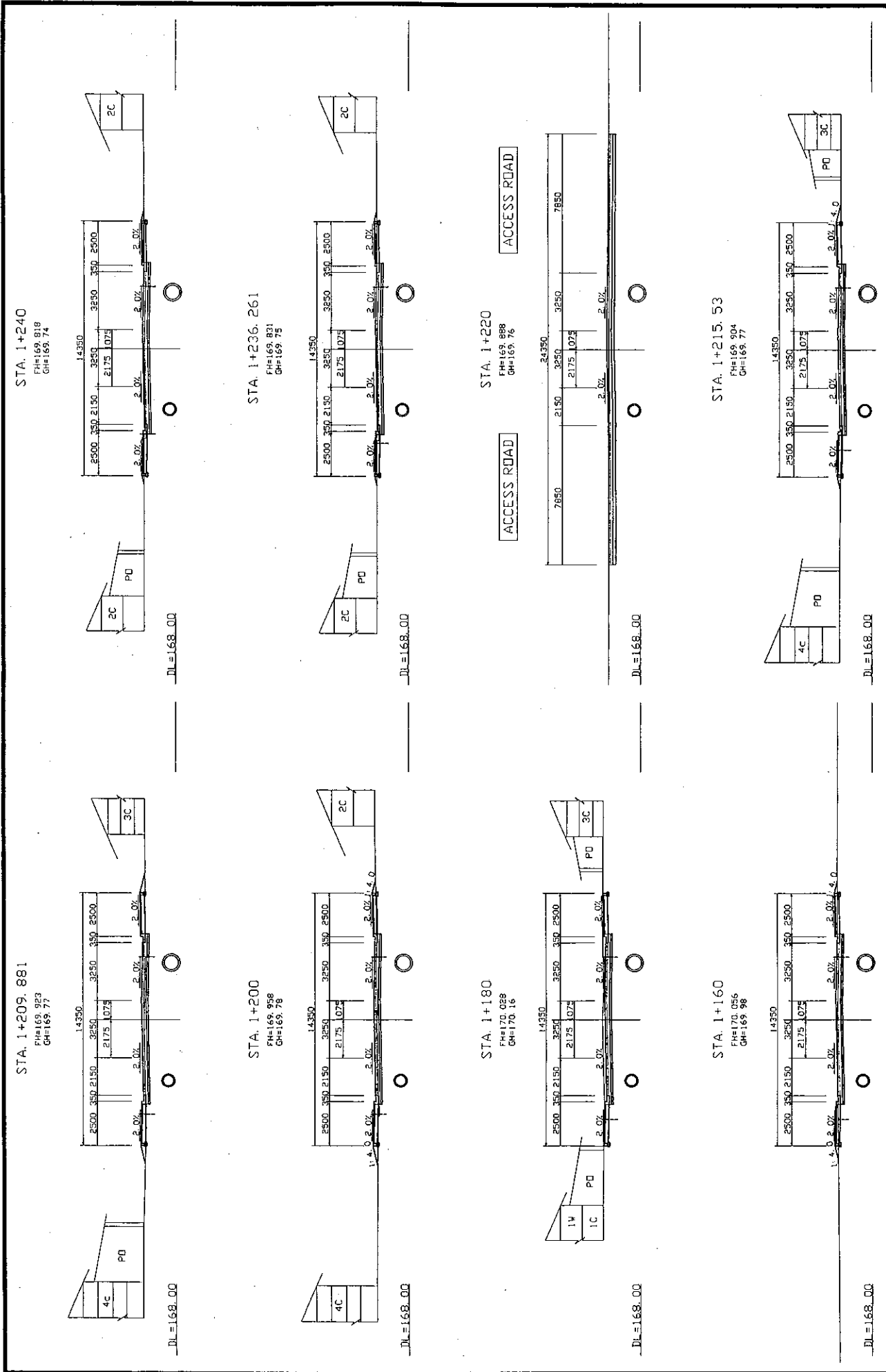
JAPAN INTERNATIONAL COOPERATION AGENCY.
 KATAHIRA & ENGINEERS INTERNATIONAL
 CITI ENGINEERING INTERNATIONAL CO. LTD

BASIC DESIGN STUDY ON THE PROJECT FOR THE
 IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE
 LAO PEOPLE'S DEMOCRATIC REPUBLIC

ROADS DEPARTMENT, MINISTRY OF COMMUNICATION
 TRANSPORT, POST AND CONSTRUCTION
 LAO PEOPLE'S DEMOCRATIC REPUBLIC



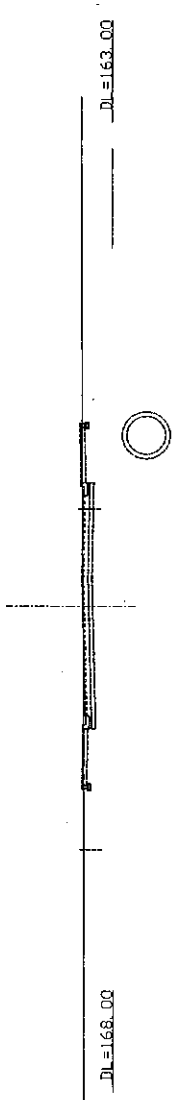
ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO. LTD	TITLE:	CROSS SECTIONS OF ROAD (1-A) (STA. 0+900 - STA. 1+020)	SCALE:	1:100	DRAWING NO:	CS-33
			RD#					



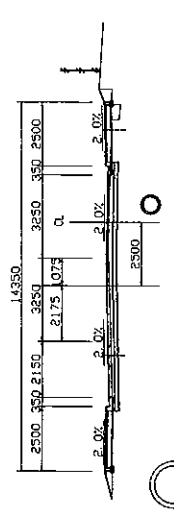
ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO. LTD	TITLE:	DRAWING NO:
			CROSS SECTIONS OF ROAD (1-A) (STA. 1+160 - STA. 1+240)	CS-34
		SCALE:	RV:	
		1: 100		

STA. 2+100
 FH=169.145
 GH=169.11

ROUTE 2 JUNCTION
 RENOVATION COMPLETED

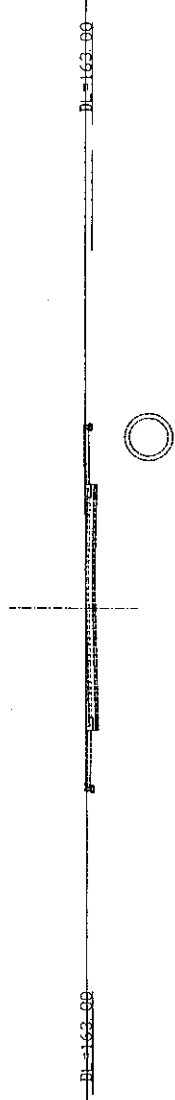


STA. 2+160
 FH=169.283
 GH=169.21

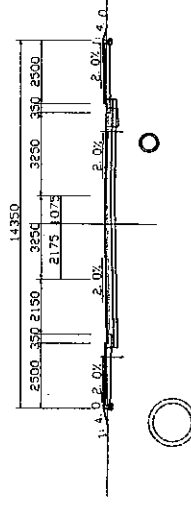


STA. 2+080
 FH=169.237
 GH=169.24

ROUTE 2 JUNCTION
 RENOVATION COMPLETED

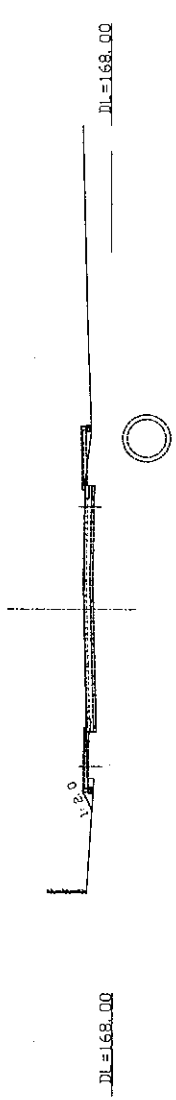


STA. 2+140
 FH=169.172
 GH=169.17



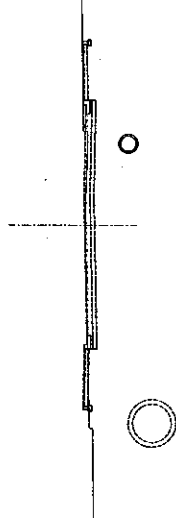
STA. 2+067.446
 FH=169.081
 GH=169.06

ROUTE 2 JUNCTION
 RENOVATION COMPLETED



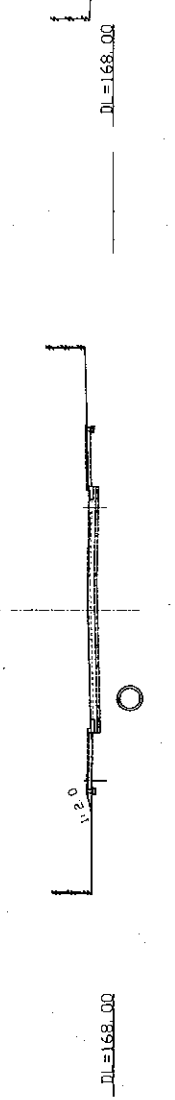
STA. 2+120
 FH=169.093
 GH=169.05

ROUTE 2 JUNCTION
 RENOVATION COMPLETED



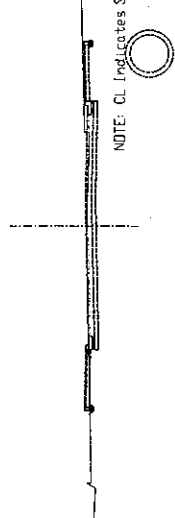
STA. 2+060
 FH=168.988
 GH=168.99

ROUTE 2 JUNCTION
 RENOVATION COMPLETED



STA. 2+112.218
 FH=169.099
 GH=169.06

ROUTE 2 JUNCTION
 RENOVATION COMPLETED



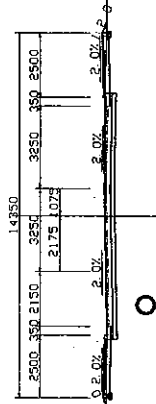
NOTE: CL Indicates Survey Center

ROADS DEPARTMENT, MINISTRY OF COMMUNICATION TRANSPORT, POST AND CONSTRUCTION LAO PEOPLE'S DEMOCRATIC REPUBLIC	BASIC DESIGN STUDY ON THE PROJECT FOR THE IMPROVEMENT OF THE VIENTIANE NO.1 ROAD IN THE LAO PEOPLE'S DEMOCRATIC REPUBLIC	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL CTI ENGINEERING INTERNATIONAL CO. LTD	TITLE:	CROSS SECTIONS OF ROAD (1-A) (STA. 2+060 - STA. 2+160)	SCALE:	1: 100	DRAWING No:	CS-35	REV.

STA. 3+228.859

FH=170.38
GH=170.36

REFER TO SIMUANG
JUNCTION DRAWING

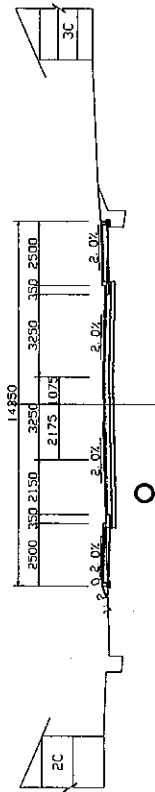


DL=168.00

STA. 3+220

FH=170.383
GH=170.36

REFER TO SIMUANG
JUNCTION DRAWING

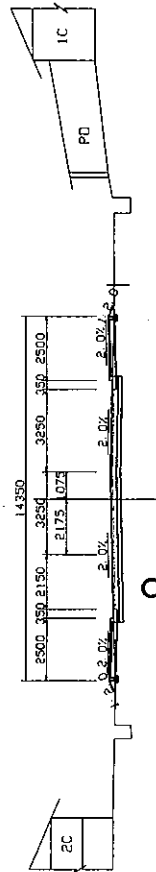


DL=168.00

STA. 3+200

FH=170.347
GH=170.33

REFER TO SIMUANG
JUNCTION DRAWING



DL=168.00

ROADS DEPARTMENT, MINISTRY OF COMMUNICATION
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BASIC DESIGN STUDY ON THE PROJECT FOR THE
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LAO PEOPLE'S DEMOCRATIC REPUBLIC

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

TITLE:
CROSS SECTIONS OF ROAD (1-A)
(STA. 3+200 - STA. 3+228.859)

SCALE:
1:100

DRAWING NO:
CS-36

REV.