

APPENDIX 8

REFERENCE DRAWING

The Project
for
Upgrading of National Road Route 1
in the Republic of Djibouti

REFERENCE DRAWING

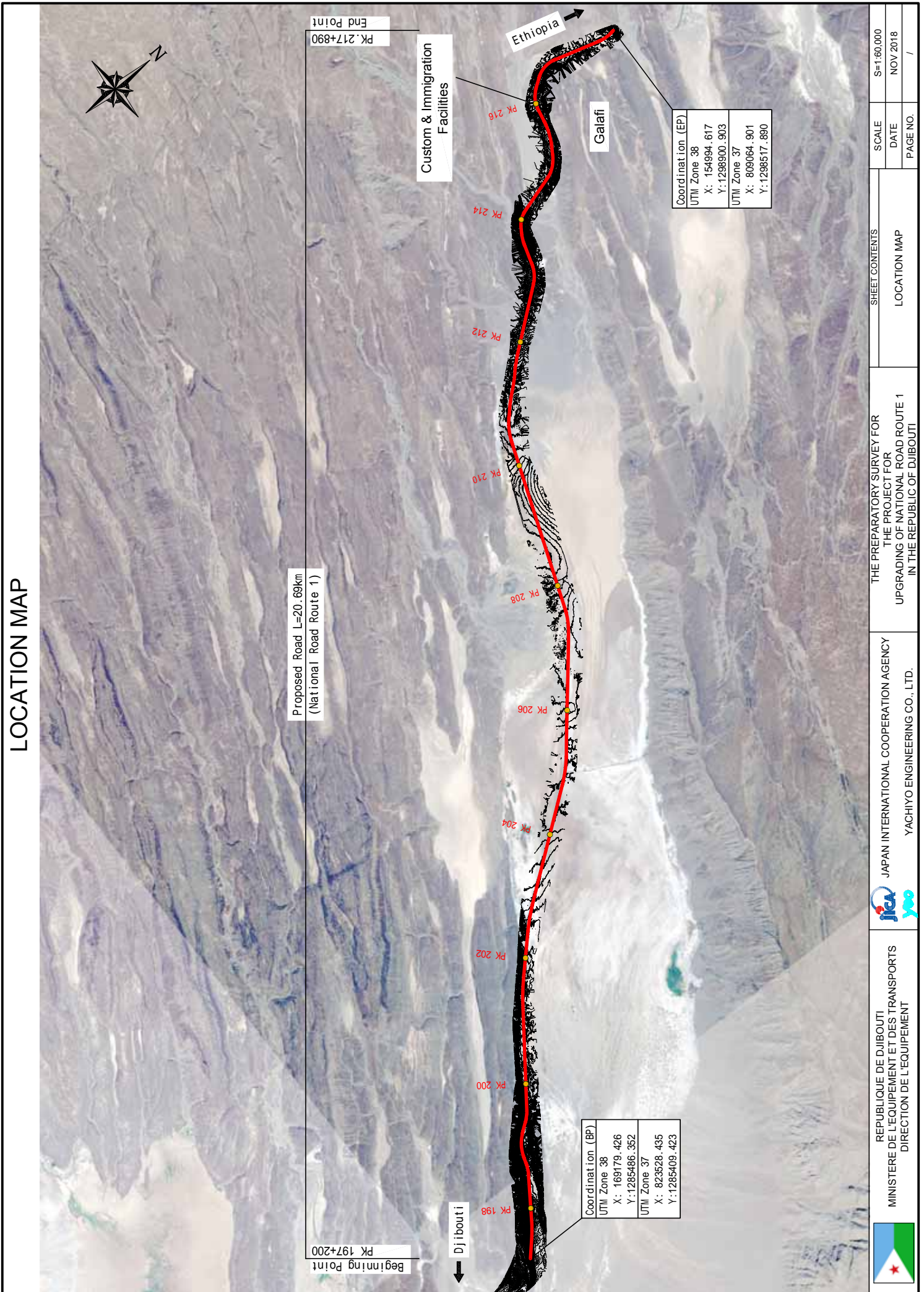
November-18

 YACHIYO ENGINEERING CO., LTD.

DRAWING LIST

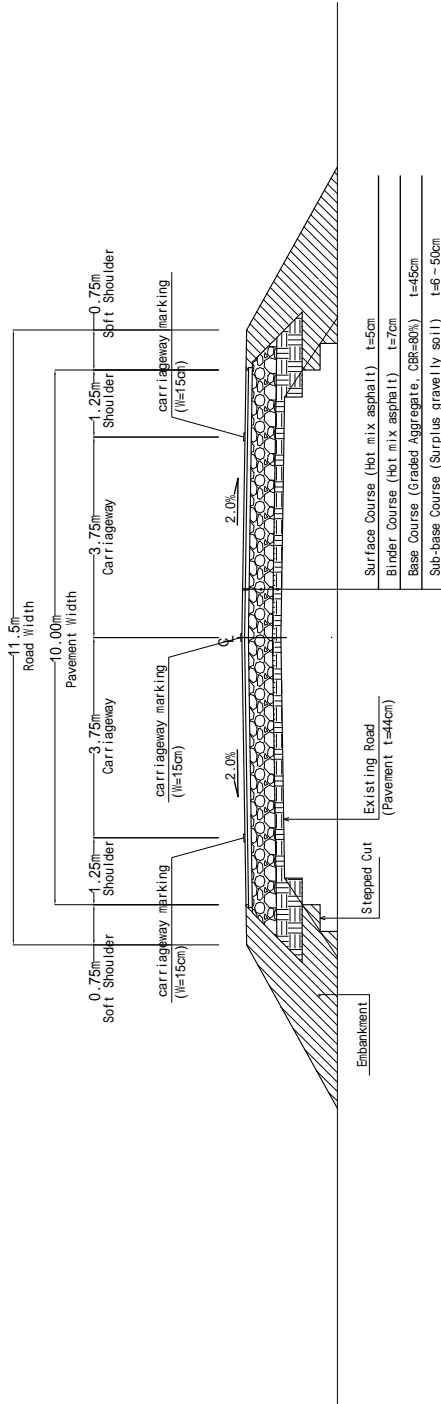
No.	DRAWING TITLE
1	LOCATION MAP
2 • 3	TYPICAL CROSS SECTION (1), (2)
4 ~ 19	PLAN & PROFILE (1) ~ (16)
20 ~ 123	CROSS SECTION (1) ~ (104)
124 • 125	STANDARD DRAWING OF BOX CULVERT (1), (2)
126	GENERAL DRAWING OF BOX CULVERT(Box-36 at PK213+843)
127	STANDARD DRAWING OF GAURDRAIL
128	STANDARD DRAWING OF FOOT STRUCTURE OF SLOPE
129	STANDARD DRAWING OF PK POST

LOCATION MAP

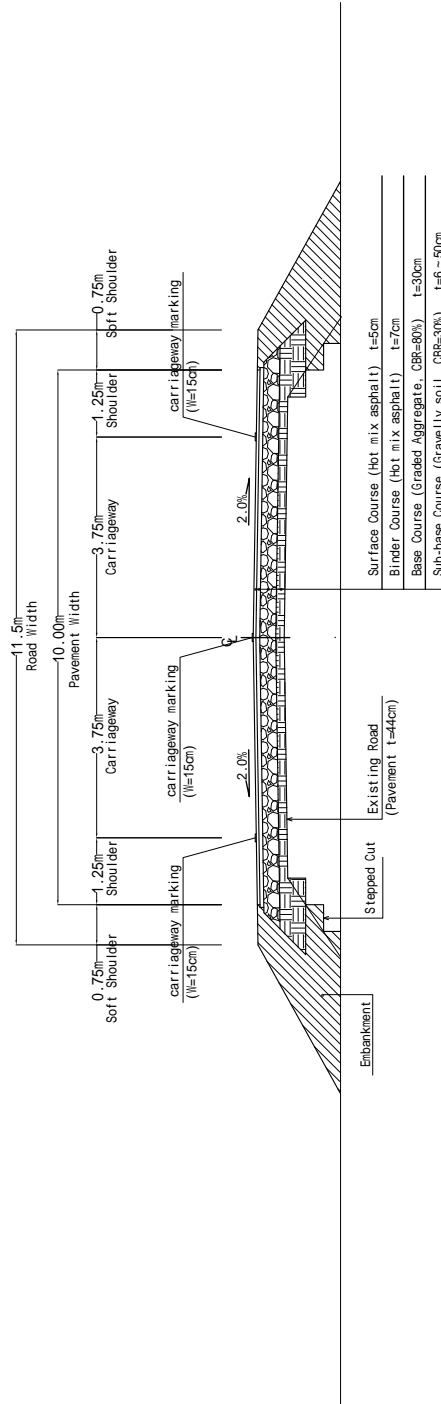


 REPUBLIQUE DE DJIBOUTI MINISTRE DE L'EQUIPEMENT ET DES TRANSPORTS DIRECTION DE L'EQUIPEMENT	 JAPAN INTERNATIONAL COOPERATION AGENCY YACHIYO ENGINEERING CO., LTD.	THE PREPARATORY SURVEY FOR THE PROJECT FOR UPGRADING OF NATIONAL ROAD ROUTE 1 IN THE REPUBLIC OF DJIBOUTI		SHEET CONTENTS LOCATION MAP	SCALE S=1:60,000
		DATE NOV 2018	PAGE NO. /		



TYPICAL CROSS SECTION S=1:100



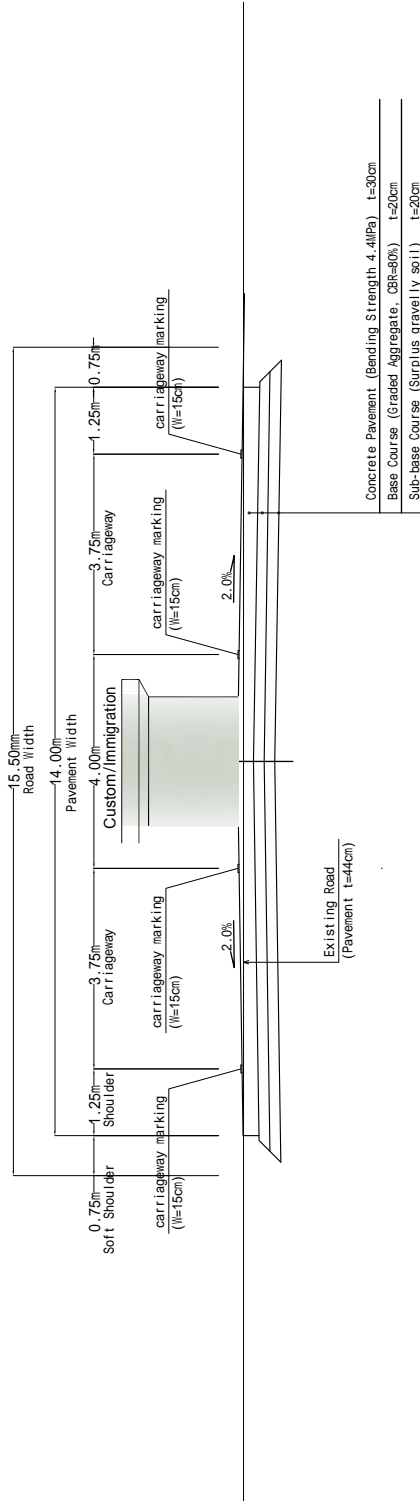
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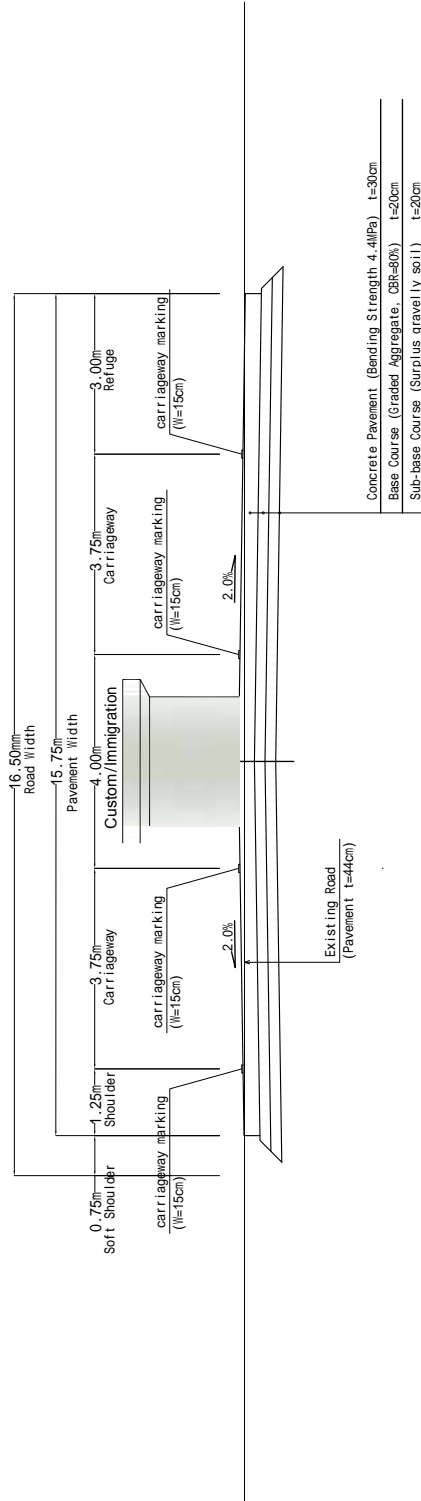
Type 2: Section of BP ~ PK 200, PK210 ~ EP

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		SHEET CONTENTS TYPICAL CROSS SECTION 1/2		DATE NOV 2018
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TYPICAL CROSS SECTION S=1:100



Type 3: Section of PK215+890 ~ PK 216+305

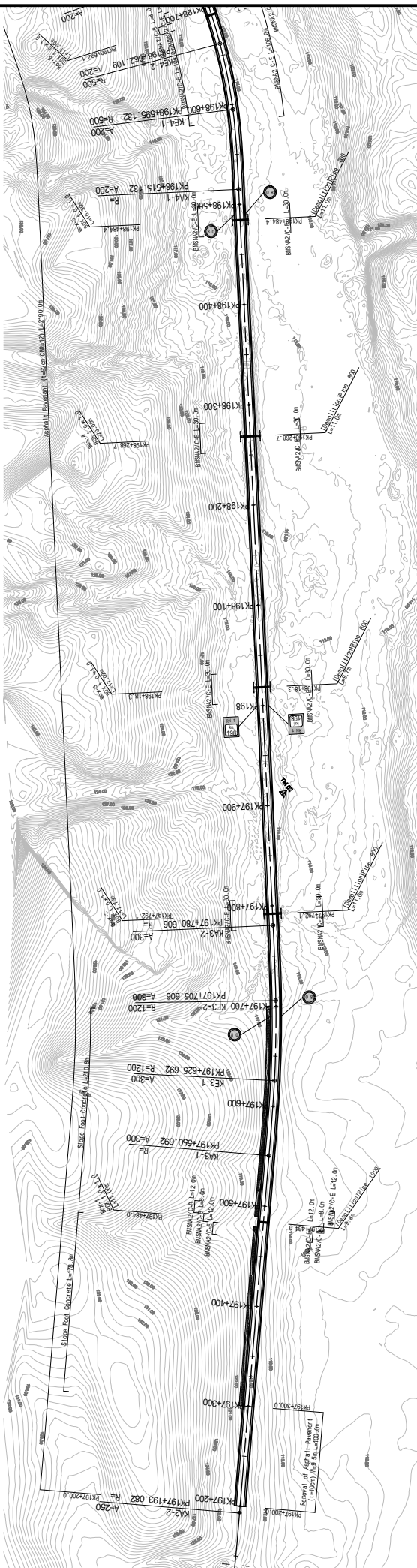


Type 4: Section of PK216+144 ~ PK216+206

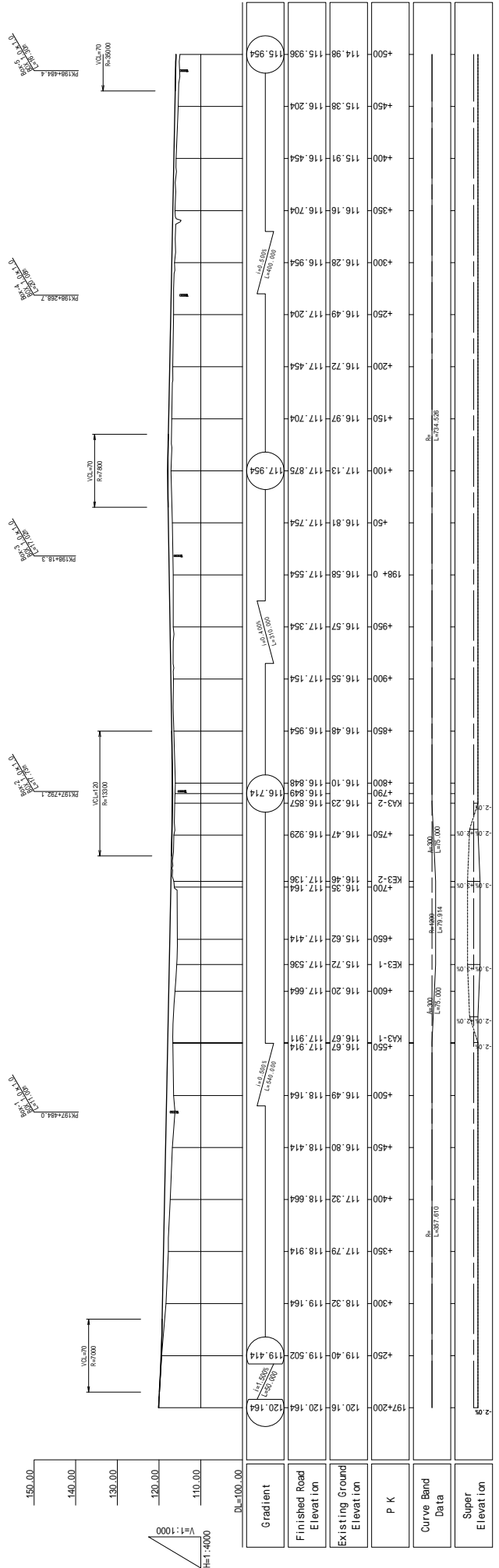
 REPUBLIQUE DE DJIBOUTI MINISTERE DE L'EQUIPEMENT ET DES TRANSPORTS DIRECTION DE L'EQUIPEMENT	 JAPAN INTERNATIONAL COOPERATION AGENCY YACHIO ENGINEERING CO., LTD.	THE PREPARATORY SURVEY FOR THE PROJECT FOR UPGRADING OF NATIONAL ROAD ROUTE 1 IN THE REPUBLIC OF DJIBOUTI	SHEET CONTENTS	
			TYPICAL CROSS SECTION 2/2	
			SCALE	S=1:100
			DATE	NOV 2018
			PAGE NO.	2 / 131


PLAN & PROFILE

PLAN S=1:4000



PROFILE V=1:1000 H=1:4000





REPUBLIQUE DE DJIBOUTI
MINISTRE DE L'EQUIPEMENT ET DES TRANSPORTS
DIRECTION DE L'EQUIPEMENT

JAPAN INTERNATIONAL COOPERATION AGENCY
YACHIYO ENGINEERING CO., LTD.

SHEET CONTENTS

THE PREPARATORY SURVEY FOR
THE PROJECT FOR
UPGRADING OF NATIONAL ROAD ROUTE 1
IN THE REPUBLIC OF DJIBOUTI

SCALE V=1:1000, H=1:4000

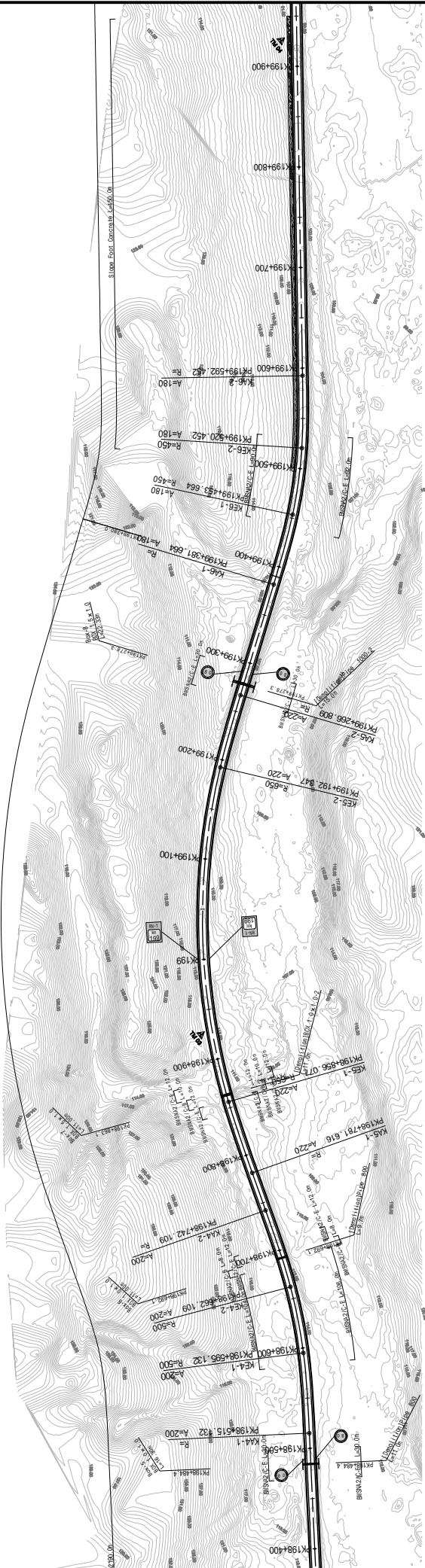
DATE NOV 2018

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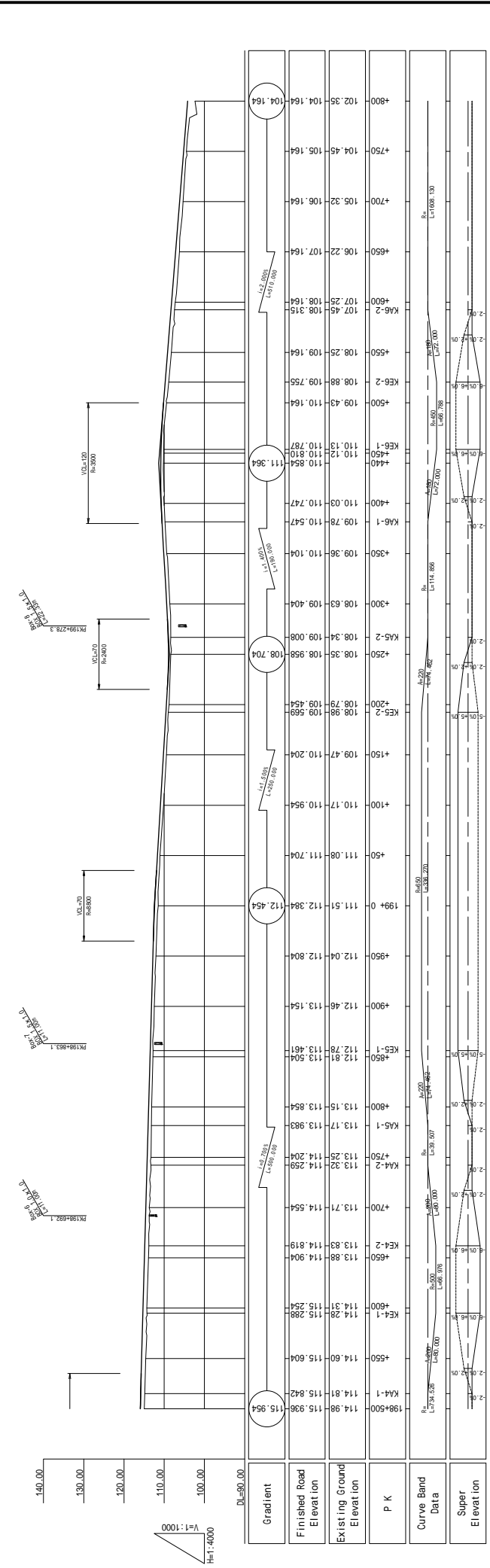
PLAN & PROFILE
PK197+200 ~ PK198+500

PLAN & PROFILE

PLAN S=1:4000



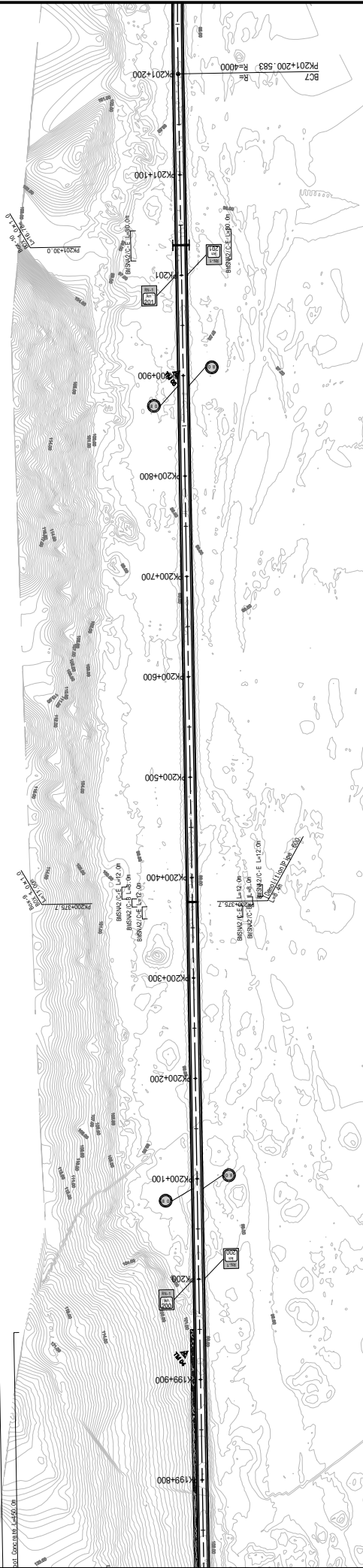
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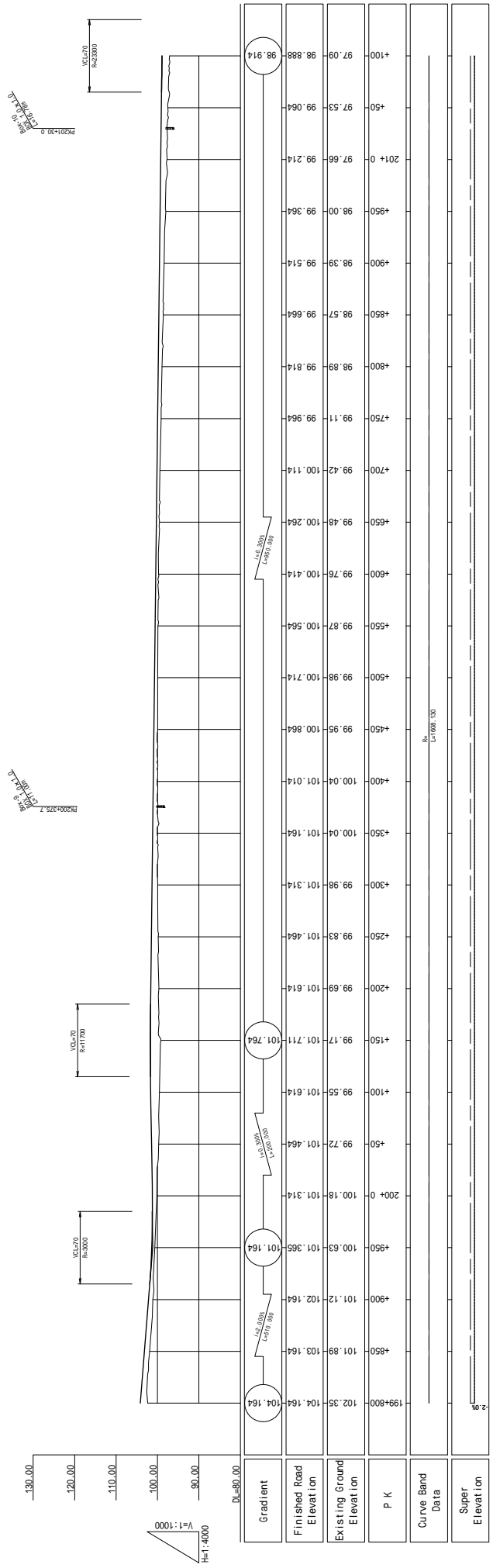
Gradient	Finished Road Elevation	Existing Ground Elevation	P K	Curve Band Data	Super Elevation
115.954	114.98	115.936	198+500	R=127.38, L=100.00	
114.81	114.81	115.842	KA4-1	R=127.38, L=100.00	
114.604	114.604	115.604	KE4-1	R=127.38, L=100.00	
114.298	114.298	115.298	KA4-2	R=127.38, L=100.00	
114.31	114.31	115.254	KE4-2	R=127.38, L=100.00	
113.83	114.904	114.819	KA4-1	R=127.38, L=100.00	
113.88	114.904	114.819	KE4-2	R=127.38, L=100.00	
113.83	114.904	114.819	KA4-2	R=127.38, L=100.00	
113.71	114.554	114.554	KE4-1	R=127.38, L=100.00	
113.22	114.259	114.204	KA4-2	R=127.38, L=100.00	
113.32	114.259	114.204	KE4-2	R=127.38, L=100.00	
113.17	113.983	113.854	KA5-1	R=127.38, L=100.00	
113.17	113.983	113.854	KE5-1	R=127.38, L=100.00	
112.78	113.461	113.504	KA5-1	R=127.38, L=100.00	
112.61	113.504	113.461	KE5-1	R=127.38, L=100.00	
112.46	113.154	112.804	KA5-2	R=127.38, L=100.00	
112.04	112.804	112.804	KE5-2	R=127.38, L=100.00	
111.51	112.384	112.384	KA5-2	R=127.38, L=100.00	
111.08	111.704	111.704	KE5-2	R=127.38, L=100.00	
111.17	110.954	110.954	KA6-1	R=127.38, L=100.00	
111.03	110.547	110.747	KE6-1	R=127.38, L=100.00	
110.79	109.569	109.454	KA6-2	R=127.38, L=100.00	
109.97	109.204	109.454	KE6-2	R=127.38, L=100.00	
109.47	108.569	108.569	KA6-1	R=127.38, L=100.00	
108.95	108.958	108.958	KE6-1	R=127.38, L=100.00	
108.35	108.958	108.958	KA6-2	R=127.38, L=100.00	
108.34	109.008	109.404	KE6-2	R=127.38, L=100.00	
108.63	109.404	109.404	KA6-1	R=127.38, L=100.00	
109.36	110.104	110.104	KE6-1	R=127.38, L=100.00	
109.78	110.547	110.747	KA6-2	R=127.38, L=100.00	
110.03	110.747	110.854	KE6-2	R=127.38, L=100.00	
110.13	110.810	110.810	KA6-1	R=127.38, L=100.00	
110.25	108.315	108.315	KE6-1	R=127.38, L=100.00	
107.25	108.315	108.315	KA6-2	R=127.38, L=100.00	
106.22	107.164	107.164	KE6-2	R=127.38, L=100.00	
105.32	106.164	106.164	KA6-1	R=127.38, L=100.00	
104.45	105.164	105.164	KE6-1	R=127.38, L=100.00	
102.35	104.164	104.164	KA6-2	R=127.38, L=100.00	
104.164	104.164	104.164	KE6-2	R=127.38, L=100.00	

PLAN & PROFILE

PLAN S=1:4000



PROFILE V=1:1000 H=1:4000

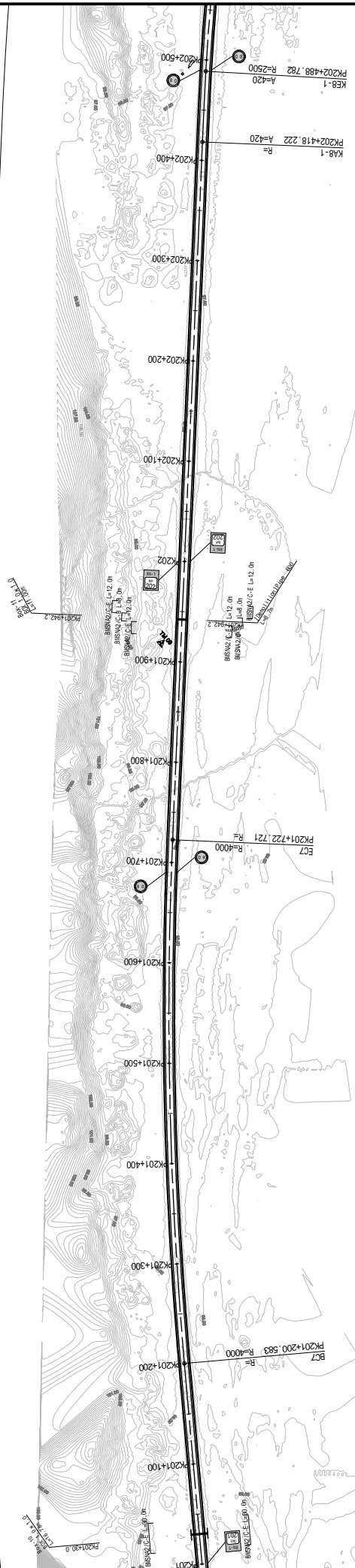


Gradient	Finished Road Elevation	Existing Ground Elevation	P K	Curve Band Data	Super Elevation
			199+800	102.35	104.164
			+850	101.89	103.164
			+900	101.12	102.164
			+950	100.63	101.365
			+1000	99.55	101.614
			+1050	99.72	101.464
			+1100	99.55	101.614
			+1150	99.17	101.711
			+1200	100.18	101.314
			+200+	100.18	101.314
			+50	99.72	101.464
			+100	99.55	101.614
			+150	99.17	101.711
			+200	99.69	101.614
			+250	99.83	101.464
			+300	99.98	101.314
			+350	100.04	101.164
			+400	100.04	101.014
			+450	99.95	100.864
			+500	99.98	100.714
			+550	99.87	100.564
			+600	99.76	100.414
			+650	99.48	100.264
			+700	99.42	100.114
			+750	99.11	99.964
			+800	98.89	99.814
			+850	98.57	99.664
			+900	98.39	99.514
			+950	98.00	99.364
			+1000	97.66	99.214
			+1050	97.53	99.064
			+1100	97.09	98.888
			+1150		
			+1200		
			+1250		
			+1300		

<p>REPUBLIQUE DE DJIBOUTI MINISTRE DE L'EQUIPEMENT ET DES TRANSPORTS DIRECTION DE L'EQUIPEMENT</p>	<p>JAPAN INTERNATIONAL COOPERATION AGENCY YACHIYO ENGINEERING CO., LTD.</p>	<p>SHEET CONTENTS</p> <p>PLAN & PROFILE PK199+800 ~ PK201+100</p>		<p>SCALE</p> <p>V=1:1000, H=1:4000</p>
		<p>THE PREPARATORY SURVEY FOR THE PROJECT FOR UPGRADING OF NATIONAL ROAD ROUTE 1 IN THE REPUBLIC OF DJIBOUTI</p>		<p>DATE</p> <p>NOV 2018</p>
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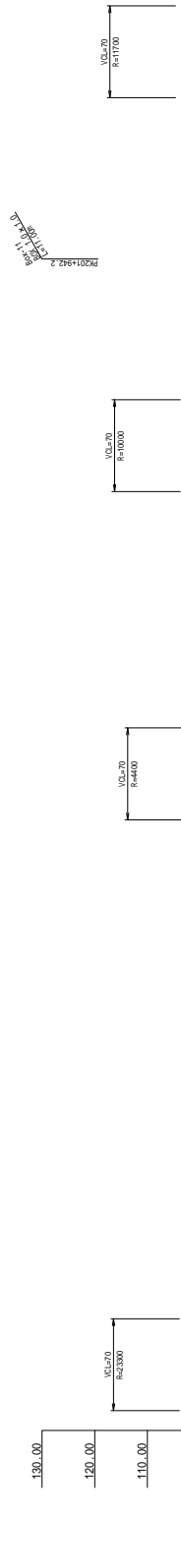
PLAN & PROFILE

PLAN S=1:4000




PROFILE

V=1:1000
H=1:4000



Gradient	Finished Road Elevation	Existing Ground Elevation	P K	Curve Band Data	Super Elevation
98.914	97.09	98.888	201+100	R=4000 L=622.738	0.00
98.914	97.94	98.614	+150	R=10000 L=100	0.00
98.914	96.94	98.614	+100		0.00
98.914	96.311	98.311	+50		0.00
98.914	97.01	98.314	201+200		0.00
98.914	96.96	98.314	+250		0.00
98.914	96.96	98.314	+300		0.00
98.914	96.96	98.314	+350		0.00
98.914	96.96	98.314	+400		0.00
98.914	96.96	98.314	+450		0.00
98.914	96.96	98.314	+500		0.00
98.914	96.96	98.314	+550		0.00
98.914	96.96	98.314	+600		0.00
98.914	96.96	98.314	+650		0.00
98.914	96.96	98.314	+700		0.00
98.914	96.96	98.314	+750		0.00
98.914	96.96	98.314	+800		0.00
98.914	96.96	98.314	+850		0.00
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98.914	96.96	98.314	+950		0.00
98.914	96.96	98.314	+1000		0.00
98.914	96.96	98.314	+1050		0.00
98.914	96.96	98.314	+1100		0.00
98.914	96.96	98.314	+1150		0.00
98.914	96.96	98.314	+1200		0.00
98.914	96.96	98.314	+1250		0.00
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98.914	96.96	98.314	+4000		0.00


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JAPAN INTERNATIONAL COOPERATION AGENCY


YACHIYO ENGINEERING CO., LTD.

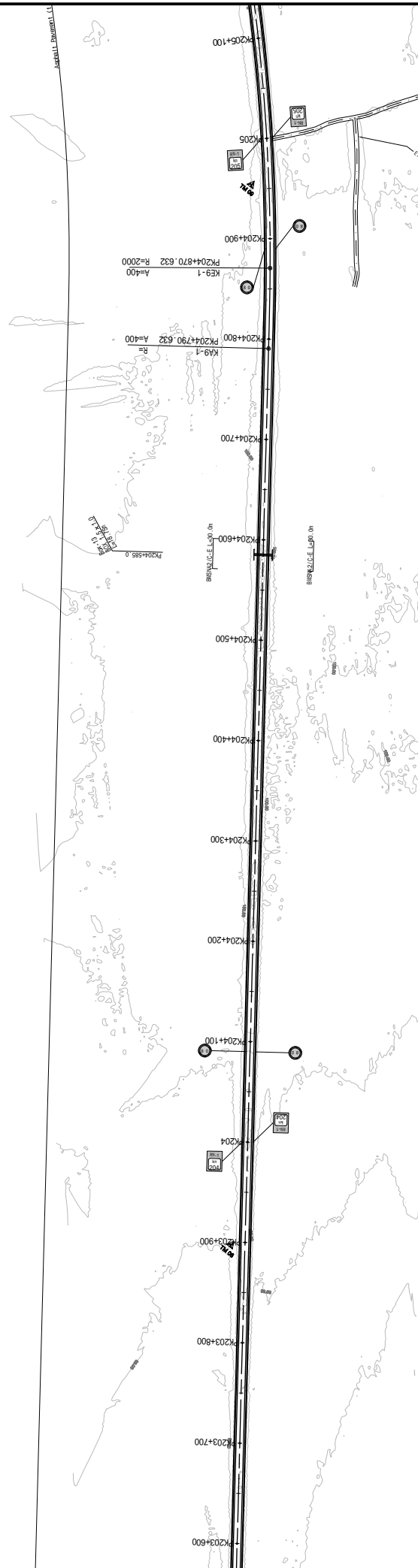
THE PREPARATORY SURVEY FOR
THE PROJECT FOR
UPGRADING OF NATIONAL ROAD ROUTE 1
IN THE REPUBLIC OF DJIBOUTI

SHEET CONTENTS
PLAN & PROFILE
PK201+100 - PK202+400

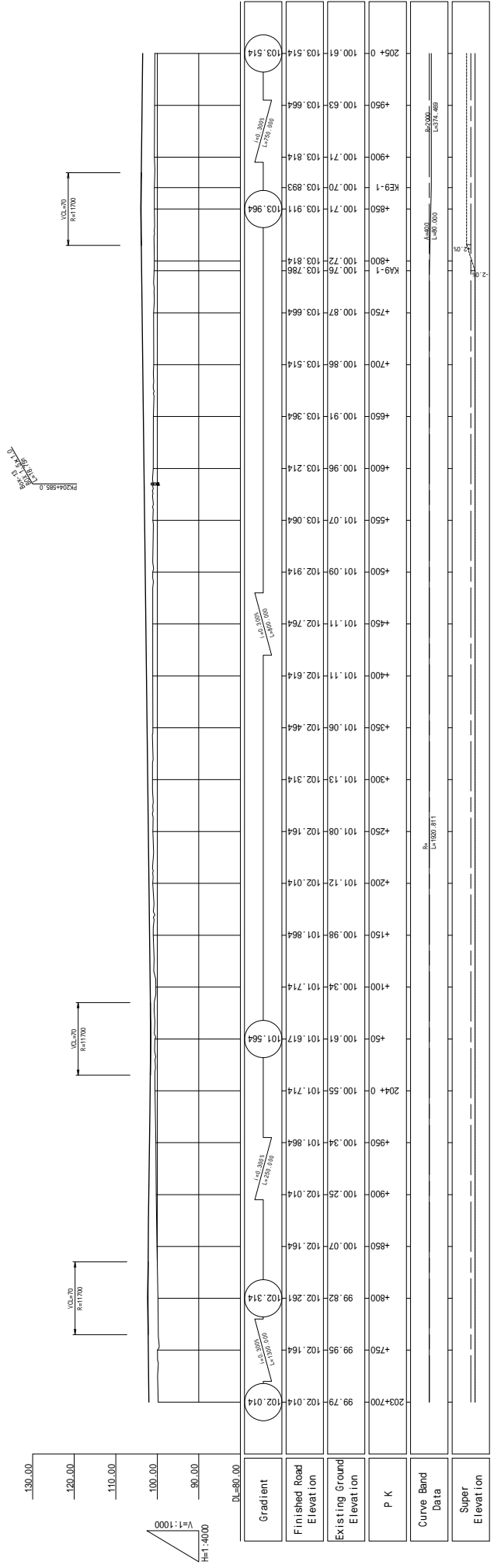
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PLAN & PROFILE

PLAN S=1:4000



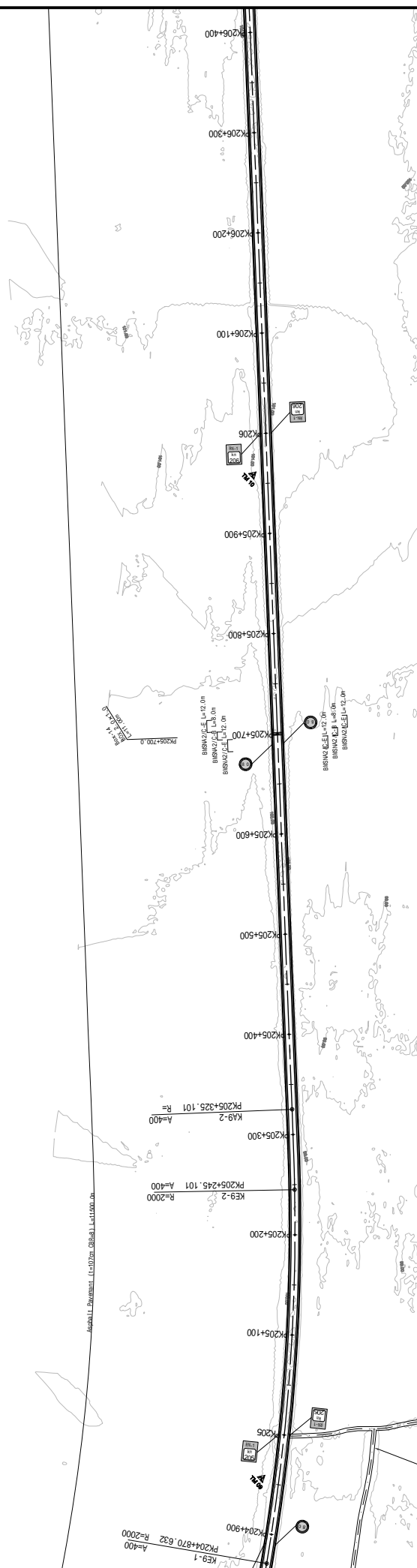
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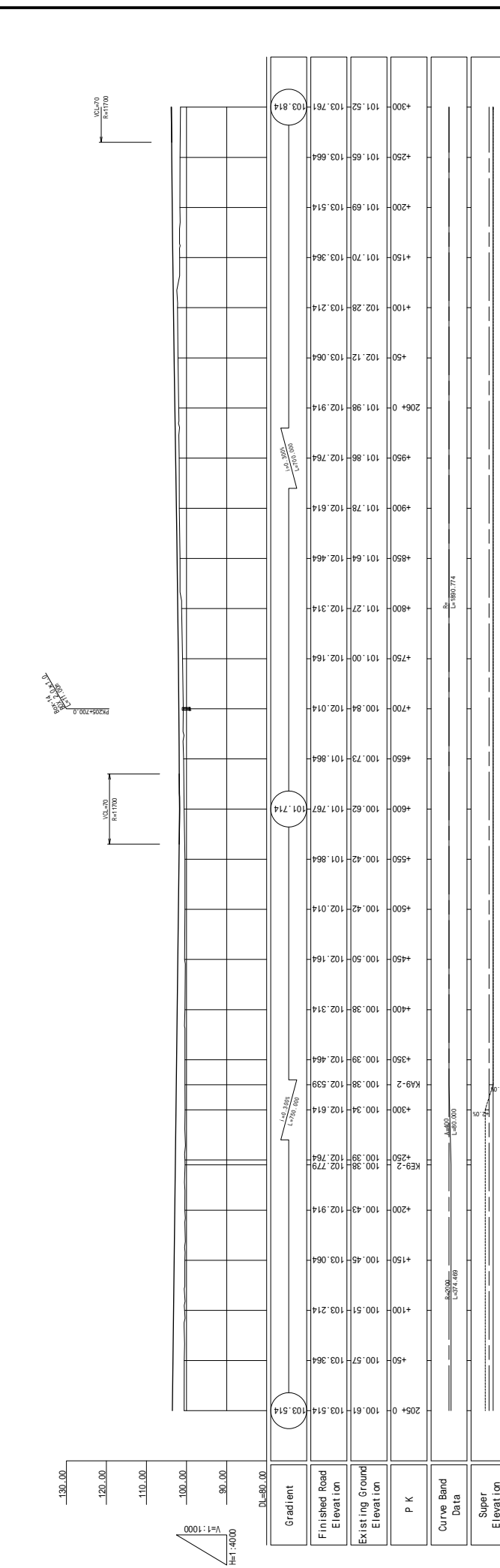
<p>REPUBLIQUE DE DJIBOUTI MINISTRE DE L'EQUIPEMENT ET DES TRANSPORTS DIRECTION DE L'EQUIPEMENT</p>	<p>JAPAN INTERNATIONAL COOPERATION AGENCY YACHIYO ENGINEERING CO., LTD.</p>	SHEET CONTENTS PLAN & PROFILE PK203+700 ~ PK205+000		SCALE V=1:1000, H=1:4000
		THE PREPARATORY SURVEY FOR THE PROJECT FOR UPGRADING OF NATIONAL ROAD ROUTE 1 IN THE REPUBLIC OF DJIBOUTI		DATE NOV 2018
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PLAN & PROFILE

PLAN S=1:4000



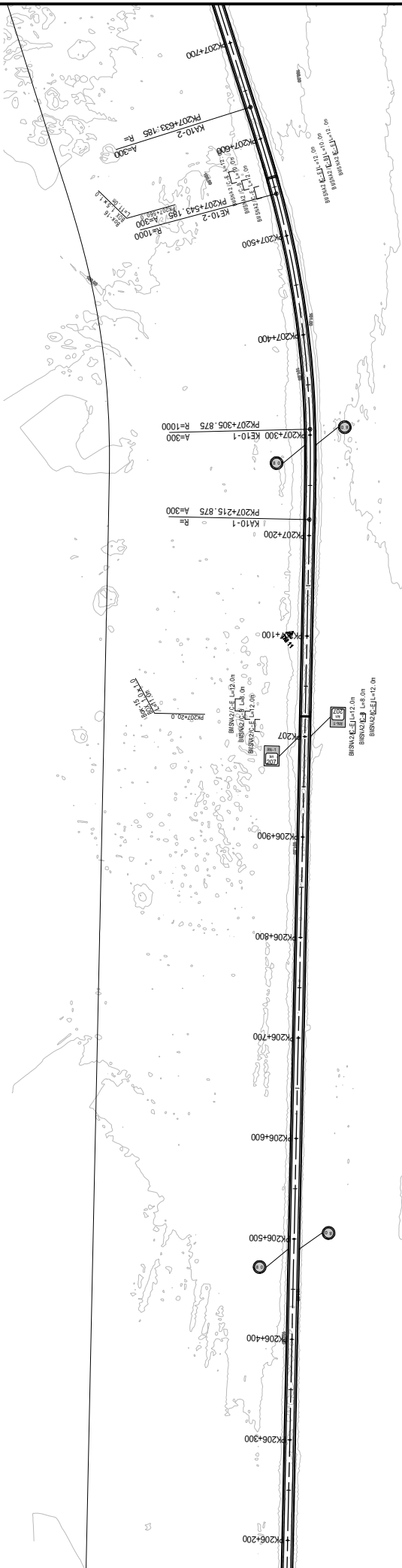
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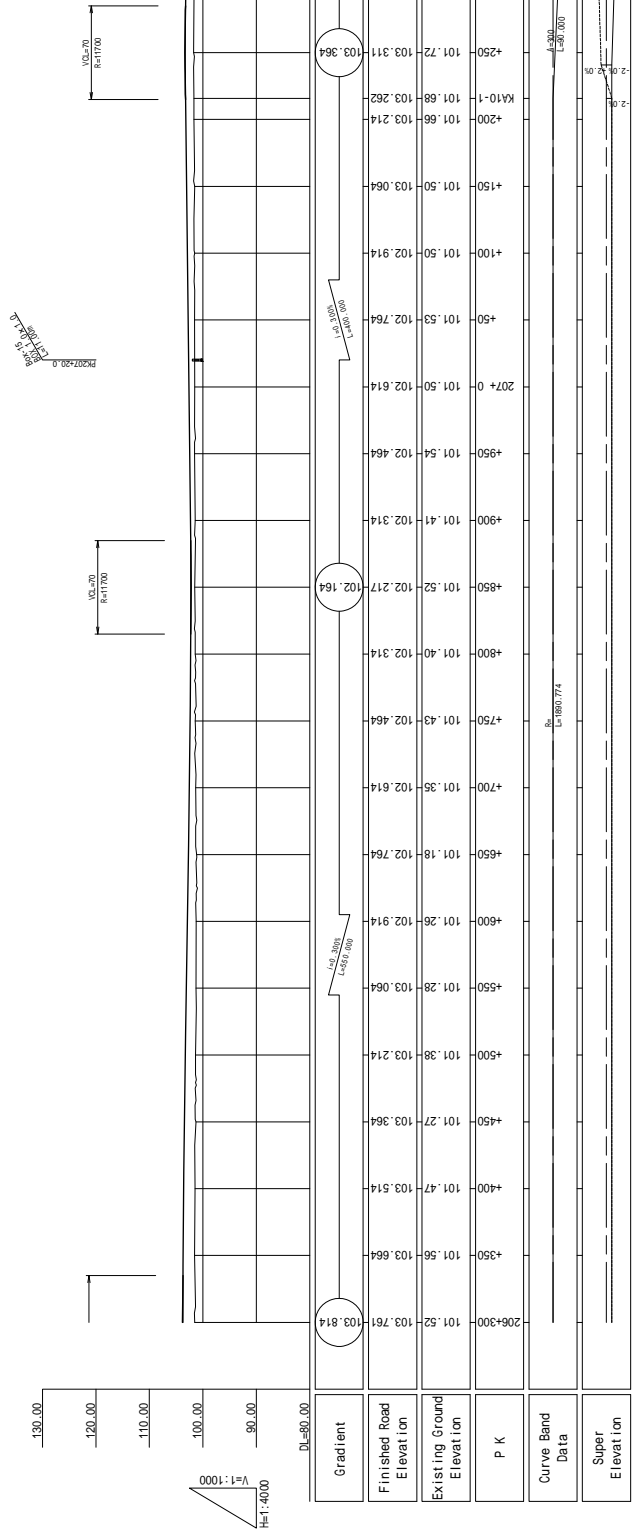
 <p>REPUBLIQUE DE DJIBOUTI MINISTRE DE L'EQUIPEMENT ET DES TRANSPORTS DIRECTION DE L'EQUIPEMENT</p>	 <p>JAPAN INTERNATIONAL COOPERATION AGENCY YACHIYO ENGINEERING CO., LTD.</p>	<p>THE PREPARATORY SURVEY FOR THE PROJECT FOR UPGRADING OF NATIONAL ROAD ROUTE 1 IN THE REPUBLIC OF DJIBOUTI</p>		<p>SHEET CONTENTS PLAN & PROFILE PK205+000 ~ PK206+300</p>	<p>SCALE DATE PAGE NO.</p>
		<p>V=1:1000, H=1:4000 NOV 2018 9 / 131</p>			

PLAN & PROFILE


PLAN S=1:4000



PROFILE V=1:1000
H=1:4000



Gradient	Finished Road Elevation	Existing Ground Elevation	P K	Curve Band Data	Super Elevation
	101.38	103.214	+450		
	101.27	103.364	+450		
	101.47	103.514	+400		
	101.56	103.664	+350		
	101.52	103.761	+206+300		
	101.28	103.064	+550		
	101.26	102.914	+600		
	101.18	102.764	+650		
	101.35	102.614	+700		
	101.43	102.464	+750		
	101.41	102.314	+900		
	101.54	102.464	+950		
	101.50	102.614	207+0		
	101.53	102.764	+50		
	101.50	102.914	+100		
	101.50	103.064	+150		
	101.66	103.214	+200		
	101.68	103.262	KA10-1		
	101.72	103.311	+250		
	101.65	103.214	+300		
	101.58	103.064	+350		
	101.43	102.764	+450		
	101.33	102.614	+500		
	101.24	102.464	+550		
	101.13	102.314	+600		
	101.32	102.484	KE10-2		



REPUBLIQUE DE DJIBOUTI
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SHEET CONTENTS
PLAN & PROFILE
PK206+300 ~ PK207+600

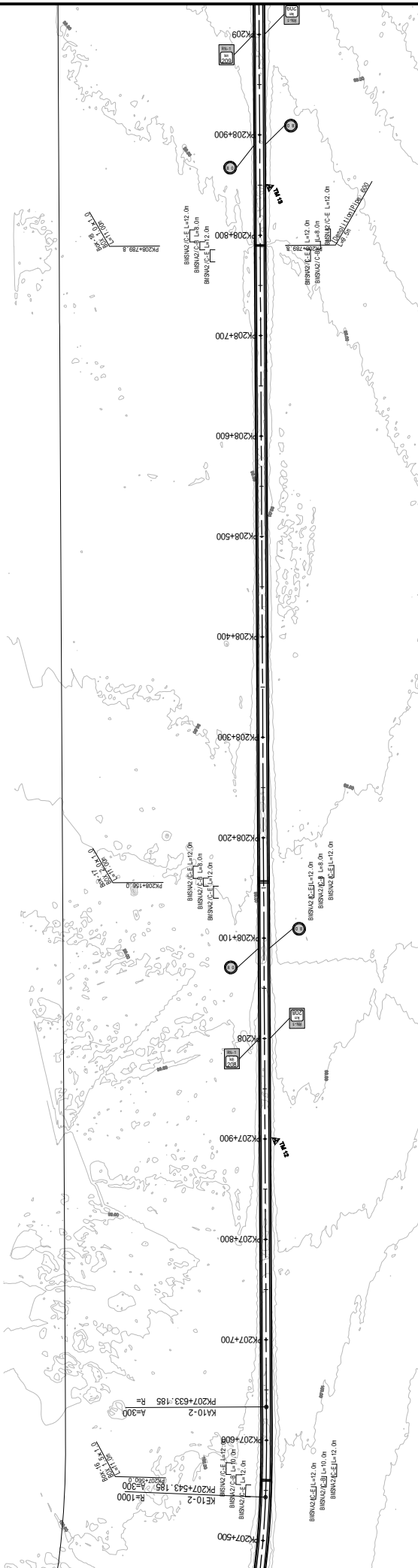
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DATE NOV 2018

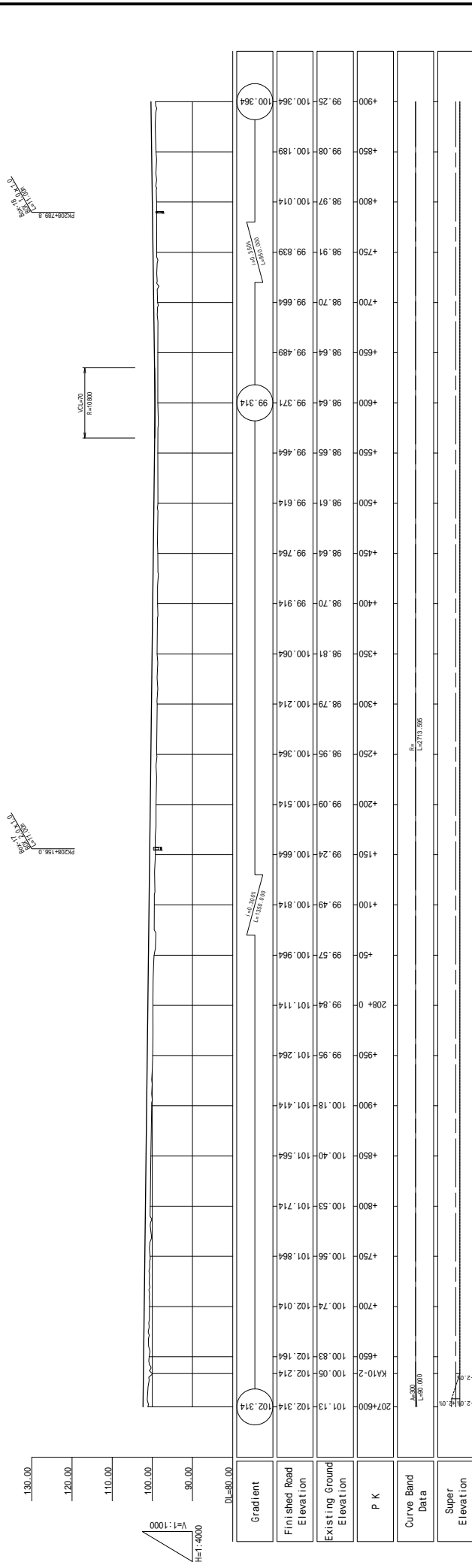
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PLAN & PROFILE

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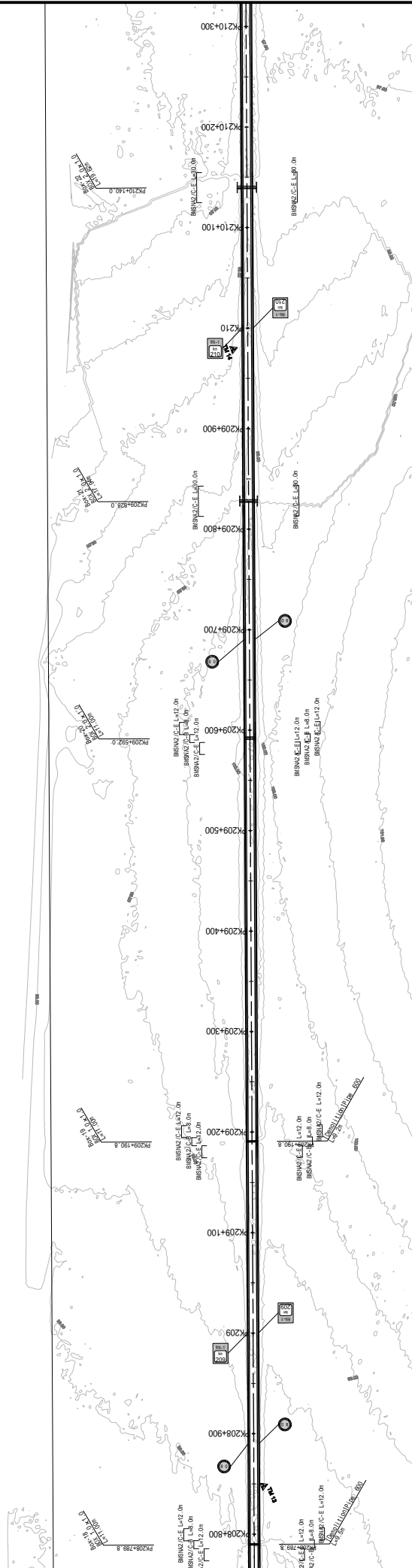
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 <p>REPUBLIQUE DE DJIBOUTI MINISTRE DE L'EQUIPEMENT ET DES TRANSPORTS DIRECTION DE L'EQUIPEMENT</p>	 <p>JAPAN INTERNATIONAL COOPERATION AGENCY YACHIYO ENGINEERING CO., LTD.</p>	SHEET CONTENTS PLAN & PROFILE PK207+600 ~ PK208+900		SCALE V=1:1000, H=1:4000
		DATE NOV 2018	PAGE NO. 11 / 131	THE PREPARATORY SURVEY FOR THE PROJECT FOR UPGRADING OF NATIONAL ROAD ROUTE 1 IN THE REPUBLIC OF DJIBOUTI

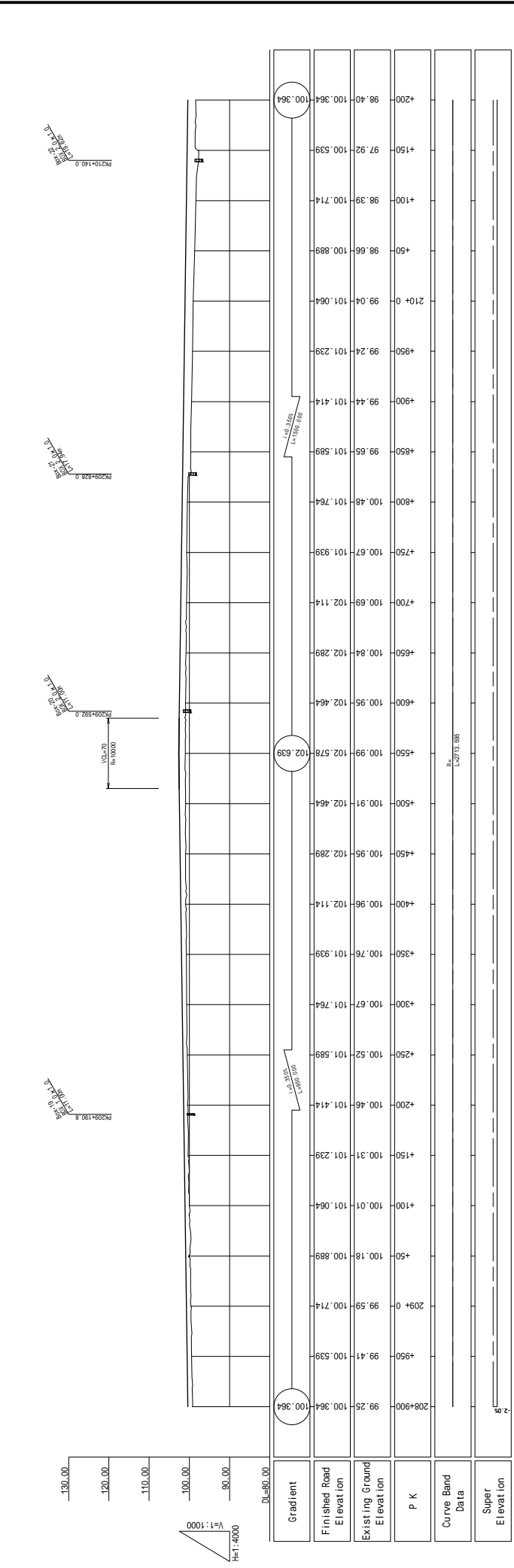
PLAN & PROFILE

PLAN S=1:4000





PROFILE

V=1:1000
H=1:4000

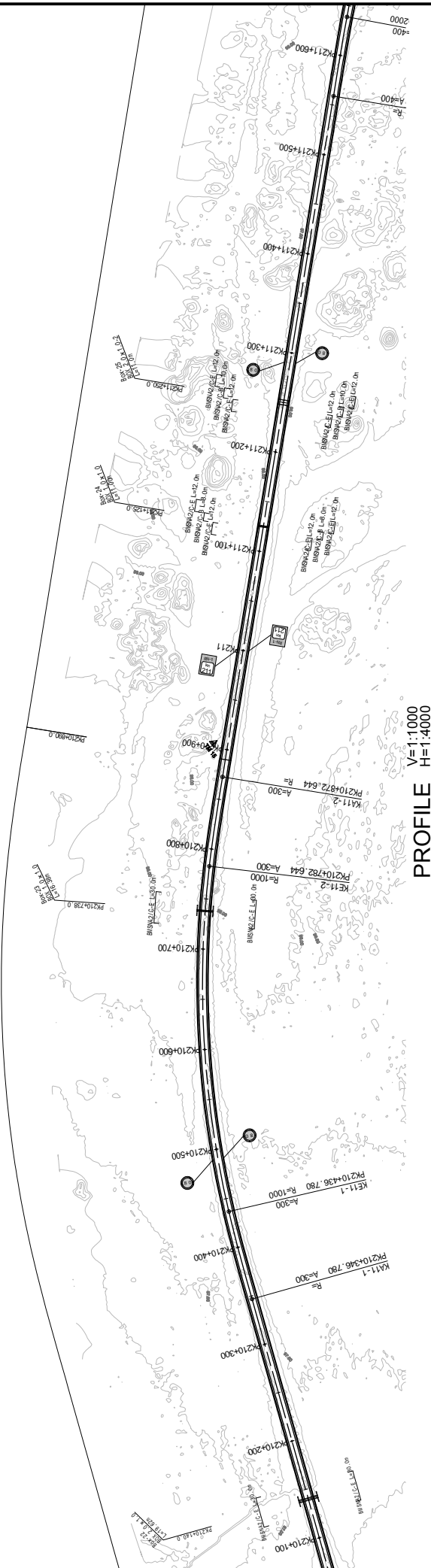


Gradient	Finished Road Elevation	Existing Ground Elevation	P K	Curve Band Data	Super Elevation
DL=80.00	100.364	99.25	208+900		
	100.539	99.41	+950		
	100.714	99.59	209+0		
	100.889	100.18	+50		
	101.064	100.01	+100		
	101.239	100.31	+150		
	101.414	100.46	+200		
	101.589	100.52	+250		
	101.764	100.67	+300		
	101.939	100.76	+350		
	102.114	100.96	+400		
	102.289	102.289	+450		
	102.464	102.289	+500		
	102.639	102.578	+550		
	102.814	102.464	+600		
	103.000	102.464	+650		
	103.185	102.289	+700		
	103.370	101.939	+750		
	103.555	101.764	+800		
	103.740	101.589	+850		
	103.925	101.414	+900		
	104.110	101.239	+950		
	104.295	101.064	210+0		
	104.480	99.04	+50		
	104.665	98.66	+100		
	104.850	98.39	+150		
	105.035	97.92	+200		
	105.220	98.40			

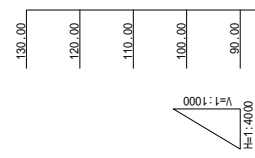
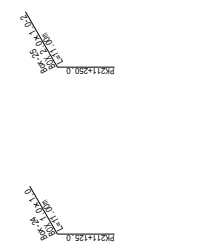
 <p>REPUBLIQUE DE DJIBOUTI MINISTRE DE L'EQUIPEMENT ET DES TRANSPORTS DIRECTION DE L'EQUIPEMENT</p>	 <p>JAPAN INTERNATIONAL COOPERATION AGENCY YACHIYO ENGINEERING CO., LTD.</p>	<p>SHEET CONTENTS</p> <p>PLAN & PROFILE PK208+900 ~ PK210+200</p>		<p>SCALE</p> <p>V=1:1000, H=1:4000</p>
		<p>THE PREPARATORY SURVEY FOR THE PROJECT FOR UPGRADING OF NATIONAL ROAD ROUTE 1 IN THE REPUBLIC OF DJIBOUTI</p>		<p>DATE</p> <p>NOV 2018</p>

PLAN & PROFILE

PLAN S=1:4000



PROFILE V=1:1000
H=1:4000



Gradient	Finished Road Elevation	Existing Ground Elevation	P K	Curve Band Data	Super Elevation
0%	98.40	98.40	210+200		
0%	100.364	100.364	100		
0%	98.04	98.04	300		
0%	98.04	100.014	300	KA11-1	
0%	97.66	99.850	350	KA11-1	
0%	97.70	99.839	350	KA11-1	
0%	97.83	99.535	450	KE11-1	
0%	97.71	99.489	450	KE11-1	
0%	97.53	99.664	400	KE11-1	
0%	97.53	99.664	400	KE11-1	
0%	97.37	99.314	500		
0%	97.37	99.314	500		
0%	97.53	99.139	550		
0%	97.53	99.139	550		
0%	97.31	98.964	600		
0%	97.21	98.789	650		
0%	97.15	98.614	700		
0%	96.98	98.439	750		
0%	96.90	98.325	800	KE11-2	
0%	96.89	98.264	800	KE11-2	
0%	96.77	98.089	850	KA11-2	
0%	96.69	98.010	900	KA11-2	
0%	96.59	97.914	950		
0%	96.55	97.739	950		
0%	96.65	97.564	0	211+0	
0%	96.49	97.446	50	97.398	
0%	96.49	97.446	50	97.398	
0%	96.43	97.839	200		
0%	96.36	97.839	200		
0%	96.56	98.139	300		
0%	96.77	98.289	350		
0%	97.49	98.439	400		
0%	97.75	98.589	450		
0%	97.98	98.739	500		
0%	98.739	98.739	500		

REPUBLIQUE DE DJIBOUTI
MINISTRE DE L'EQUIPEMENT ET DES TRANSPORTS
DIRECTION DE L'EQUIPEMENT

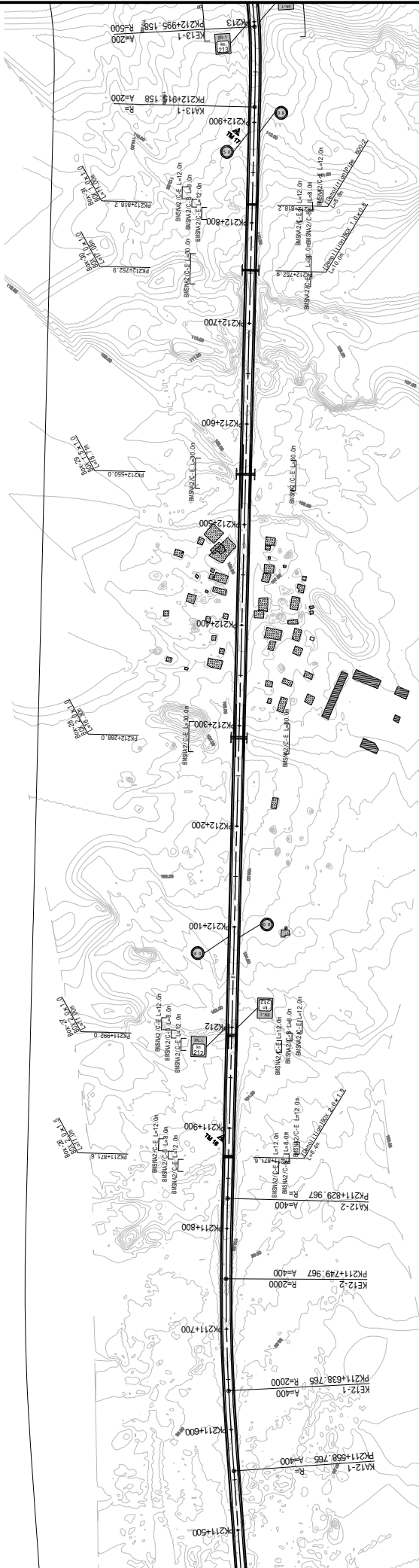
JAPAN INTERNATIONAL COOPERATION AGENCY
YACHIYO ENGINEERING CO., LTD.

SHEET CONTENTS
PLAN & PROFILE
PK210+200 ~ PK211+500

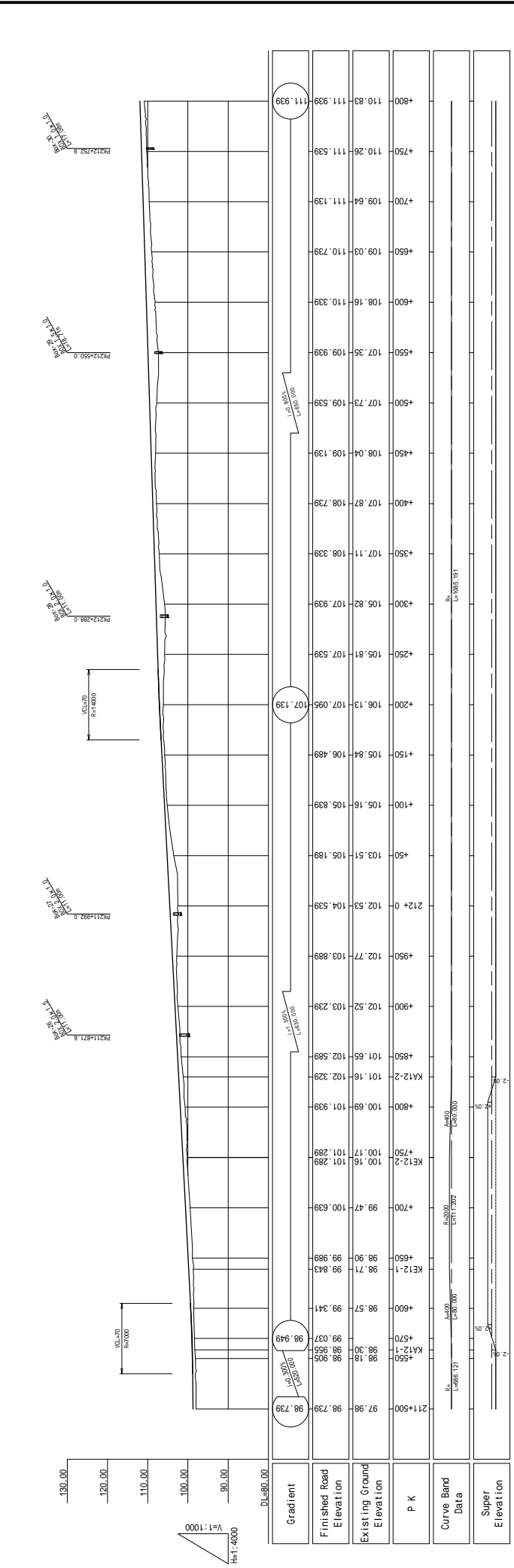
SCALE V=1:1000, H=1:4000
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PLAN & PROFILE

PLAN S=1:4000



PROFILE V=1:1000 H=1:4000



Gradient	Finished Road Elevation	Existing Ground Elevation	P K	Curve Band Data	Super Elevation
98.739	97.98	97.98	211+500		
98.949	98.30	98.30	KA12-1		
98.955	98.90	98.90	KE12-1		
98.983	98.71	98.71	KE12-1		
99.341	98.57	98.57	KE12-1		
99.843	98.90	98.90	KE12-1		
100.639	98.47	98.47	KE12-2		
101.289	100.17	100.17	KE12-2		
101.939	100.69	100.69	KA12-2		
102.329	101.16	101.16	KA12-2		
102.589	101.65	101.65	KA12-2		
102.899	102.52	102.52	KA12-2		
103.239	102.77	102.77	KA12-2		
103.889	102.77	102.77	KA12-2		
104.539	102.53	102.53	KA12-2		
105.189	103.51	103.51	KA12-2		
105.839	105.16	105.16	KA12-2		
106.489	105.84	105.84	KA12-2		
107.095	106.13	106.13	KA12-2		
107.539	105.81	105.81	KA12-2		
107.939	105.82	105.82	KA12-2		
108.339	107.11	107.11	KA12-2		
108.739	107.87	107.87	KA12-2		
109.139	108.04	108.04	KA12-2		
109.539	107.73	107.73	KA12-2		
109.939	107.35	107.35	KA12-2		
110.339	108.16	108.16	KA12-2		
110.739	109.03	109.03	KA12-2		
111.139	109.64	109.64	KA12-2		
111.539	110.26	110.26	KA12-2		
111.939	110.83	110.83	KA12-2		
112.339	111.939	111.939	KA12-2		

REPUBLICQUE DE DJIBOUTI
MINISTRE DE L'EQUIPEMENT ET DES TRANSPORTS
DIRECTION DE L'EQUIPEMENT

JAPAN INTERNATIONAL COOPERATION AGENCY
YACHIYO ENGINEERING CO., LTD.

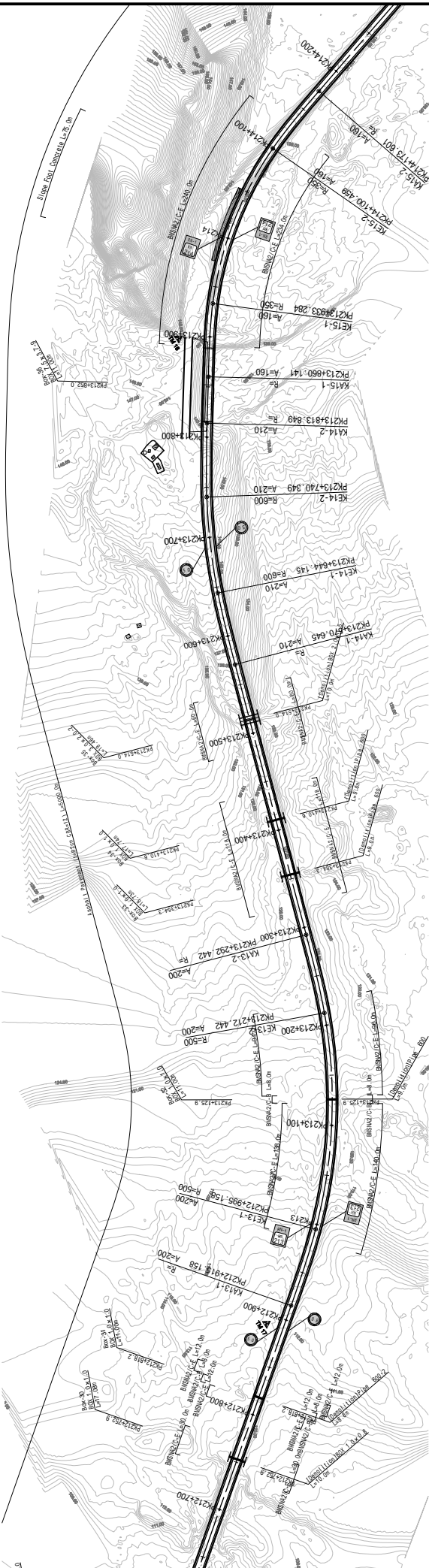
THE PREPARATORY SURVEY FOR
THE PROJECT FOR
UPGRADING OF NATIONAL ROAD ROUTE 1
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SHEET CONTENTS
PLAN & PROFILE
PK211+500 ~ PK212+800

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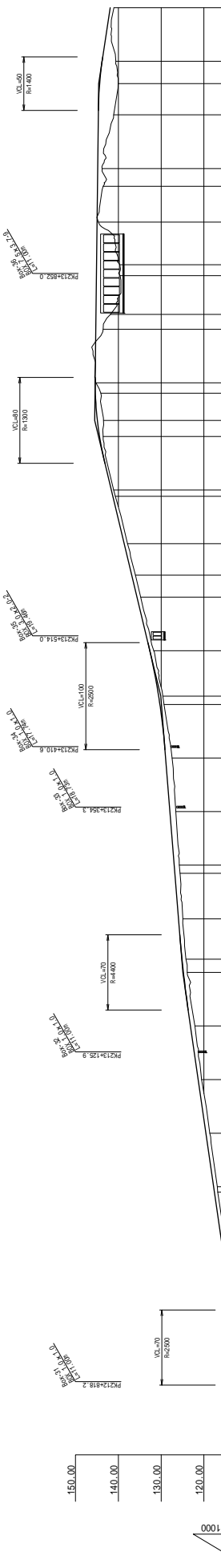
PLAN & PROFILE

PLAN S=1:4000





PROFILE

V=1:1000
H=1:4000

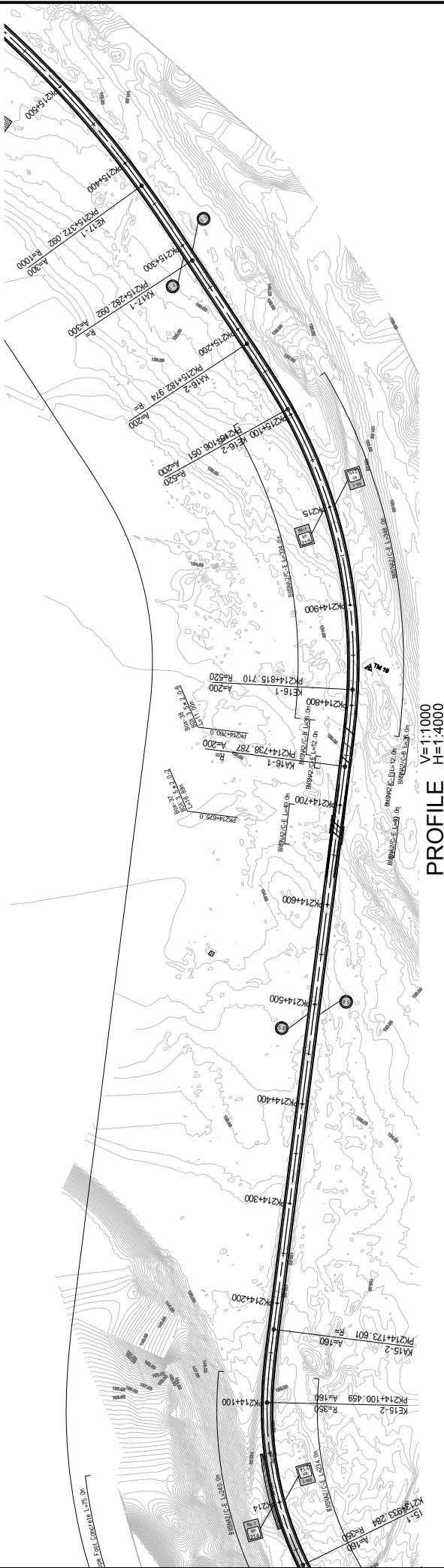


Gradient	Finished Road Elevation	Existing Ground Elevation	P K	Curve Band Data	Super Elevation
111.939	111.939	111.939	212+800		
112.339	112.339	112.339	+850		
111.84	111.84	111.84	+900		
113.30	113.30	113.30	+950		
114.139	114.139	114.139	+1000		
113.84	113.84	113.84	+1050		
111.78	111.78	111.78	+1100		
116.89	116.89	116.89	+1150		
117.565	117.565	117.565	+1200		
117.739	117.739	117.739	+1250		
125.788	125.788	125.788	+1300		
126.939	126.939	126.939	+1350		
127.939	127.939	127.939	+1400		
128.939	128.939	128.939	+1450		
130.297	130.297	130.297	+1500		
130.593	130.593	130.593	+1550		
131.77	131.77	131.77	+1600		
132.642	132.642	132.642	+1650		
136.869	136.869	136.869	+1700		
137.86	137.86	137.86	+1750		
141.279	141.279	141.279	+1800		
141.630	141.630	141.630	+1850		
144.384	144.384	144.384	+1900		
144.900	144.900	144.900	+1950		
145.369	145.369	145.369	+2000		
145.415	145.415	145.415	+2050		
145.275	145.275	145.275	+2100		
145.234	145.234	145.234	+2150		
144.975	144.975	144.975	+2200		
144.875	144.875	144.875	+2250		
144.675	144.675	144.675	+2300		
143.69	143.69	143.69	+2350		
143.789	143.789	143.789	+2400		
141.895	141.895	141.895	+2450		
141.895	141.895	141.895	+2500		

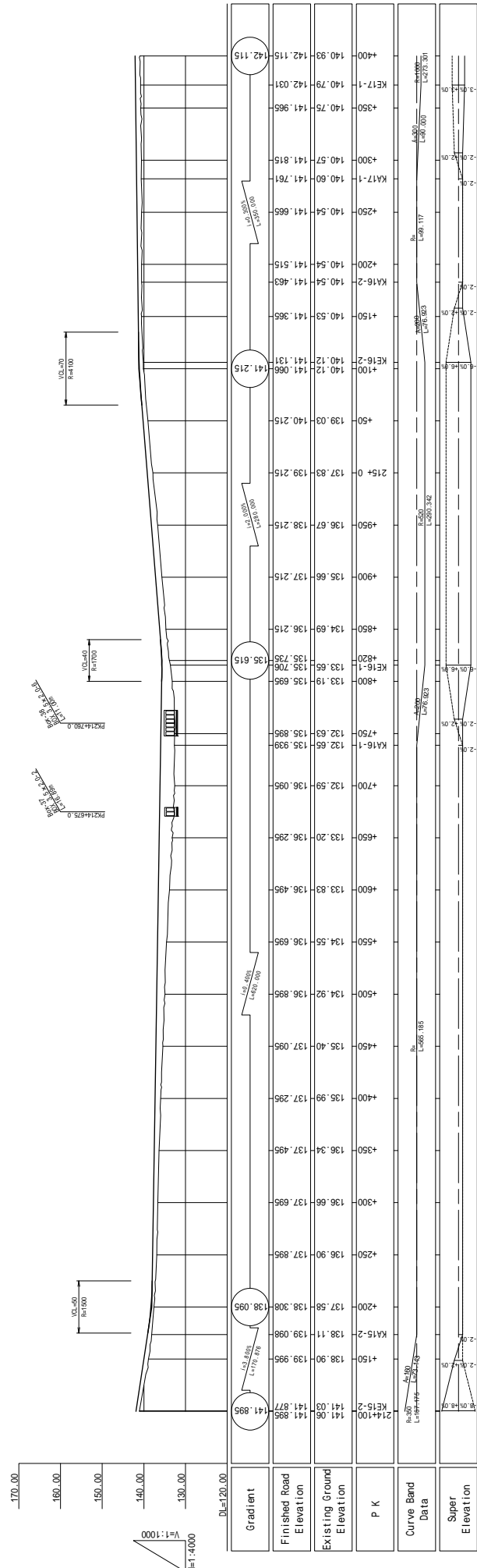
 REPUBLIQUE DE DJIBOUTI MINISTRE DE L'EQUIPEMENT ET DES TRANSPORTS DIRECTION DE L'EQUIPEMENT	 JAPAN INTERNATIONAL COOPERATION AGENCY THE PREPARATORY SURVEY FOR THE PROJECT FOR UPGRADING OF NATIONAL ROAD ROUTE 1 IN THE REPUBLIC OF DJIBOUTI	SHEET CONTENTS PLAN & PROFILE PK212+800 ~ PK214+100	SCALE	V=1:1000, H=1:4000
			DATE	NOV 2018
		PAGE NO.	15	/ 131

PLAN & PROFILE


PLAN S=1:4000



PROFILE V=1:1000 H=1:4000



Gradient	Finished Road Elevation	Existing Ground Elevation	P K	Curve Band Data	Super Elevation
	141.985	141.877	214+100	KA15-2 R=350 L=117.44 L=117.44	
	141.06	141.03	214+100	KE15-2 R=350 L=117.44 L=117.44	
	138.90	139.996	+150	KA15-2 R=350 L=117.44 L=117.44	
	138.11	139.096	+150	KE15-2 R=350 L=117.44 L=117.44	
	137.58	138.308	+200	KA15-2 R=350 L=117.44 L=117.44	
	137.90	137.996	+250	KE15-2 R=350 L=117.44 L=117.44	
	136.66	137.696	+300	KA15-2 R=350 L=117.44 L=117.44	
	136.34	137.496	+350	KE15-2 R=350 L=117.44 L=117.44	
	134.92	136.896	+500	KA16-1 R=350 L=117.44 L=117.44	
	134.55	136.696	+550	KE16-1 R=350 L=117.44 L=117.44	
	133.83	136.496	+600	KA16-1 R=350 L=117.44 L=117.44	
	133.20	136.296	+650	KE16-1 R=350 L=117.44 L=117.44	
	132.59	136.096	+700	KA16-1 R=350 L=117.44 L=117.44	
	132.65	135.939	+750	KE16-1 R=350 L=117.44 L=117.44	
	132.63	135.939	+750	KA16-1 R=350 L=117.44 L=117.44	
	133.19	135.696	+800	KE16-1 R=350 L=117.44 L=117.44	
	133.65	135.706	+820	KA16-1 R=350 L=117.44 L=117.44	
	135.735	135.939	+820	KE16-1 R=350 L=117.44 L=117.44	
	136.67	138.215	+950	KA17-1 R=350 L=117.44 L=117.44	
	137.83	139.215	215+	KE17-1 R=350 L=117.44 L=117.44	
	139.03	140.215	+50	KA17-1 R=350 L=117.44 L=117.44	
	140.12	141.131	+100	KE17-1 R=350 L=117.44 L=117.44	
	140.54	141.483	+150	KA17-1 R=350 L=117.44 L=117.44	
	140.53	141.365	+150	KE17-1 R=350 L=117.44 L=117.44	
	140.54	141.483	+200	KA17-1 R=350 L=117.44 L=117.44	
	140.54	141.515	+200	KE17-1 R=350 L=117.44 L=117.44	
	140.54	141.515	+250	KA17-1 R=350 L=117.44 L=117.44	
	140.60	141.761	+300	KE17-1 R=350 L=117.44 L=117.44	
	140.57	141.815	+300	KA17-1 R=350 L=117.44 L=117.44	
	140.75	141.966	+350	KE17-1 R=350 L=117.44 L=117.44	
	140.79	142.031	+400	KA17-1 R=350 L=117.44 L=117.44	
	142.115	142.115	+400	KE17-1 R=350 L=117.44 L=117.44	



REPUBLIQUE DE DJIBOUTI
MINISTRE DE L'EQUIPEMENT ET DES TRANSPORTS
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JAPAN INTERNATIONAL COOPERATION AGENCY
YACHIYO ENGINEERING CO., LTD.

SHEET CONTENTS
PLAN & PROFILE
PK214+100 ~ PK215+400

SCALE V=1:1000, H=1:4000

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PLAN & PROFILE

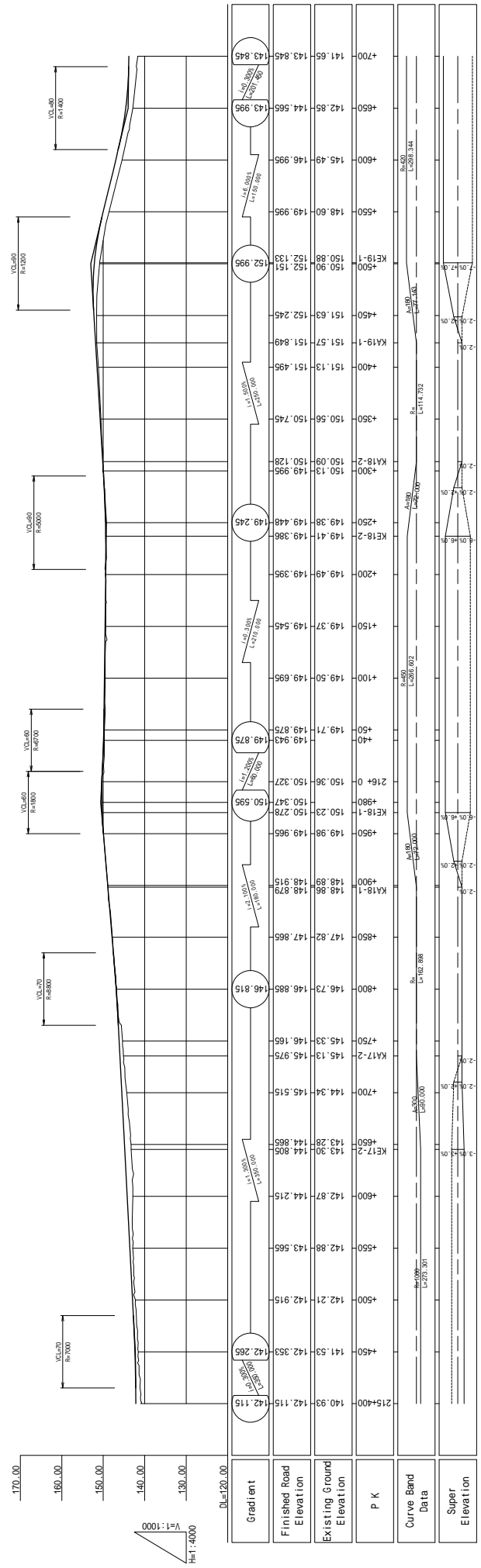
PLAN S=1:4000

Concrete Pavement, Lat 15.00



PROFILE

V=1:1000 H=1:4000



REPUBLICHE DE DJIBOUTI
MINISTRE DE L'EQUIPEMENT ET DES TRANSPORTS
DIRECTION DE L'EQUIPEMENT

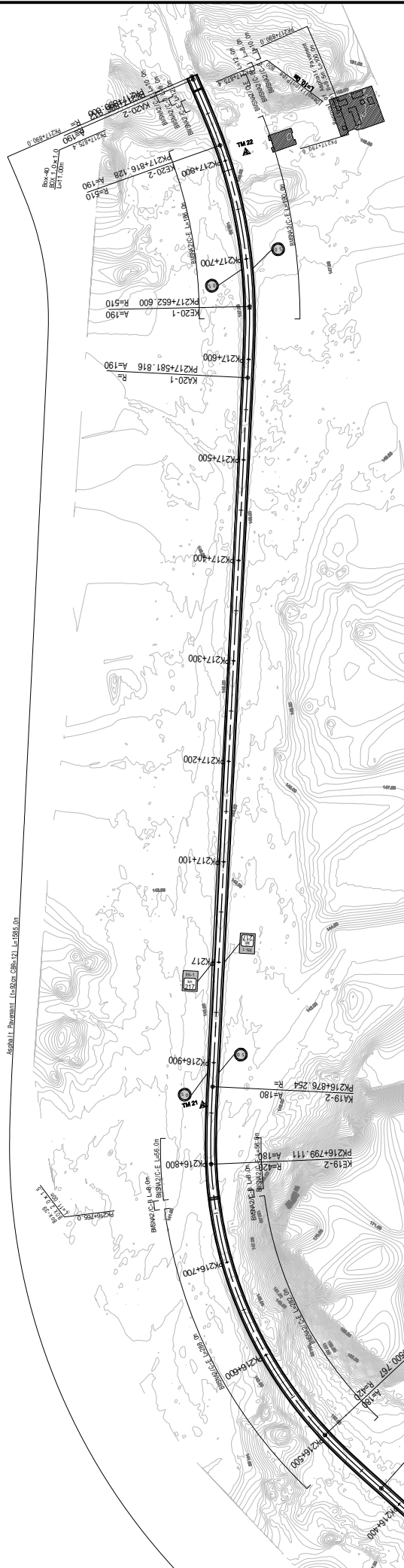
JAPAN INTERNATIONAL COOPERATION AGENCY
YACHIYO ENGINEERING CO., LTD.

SHEET CONTENTS
PLAN & PROFILE
PK215+400 - PK216+700

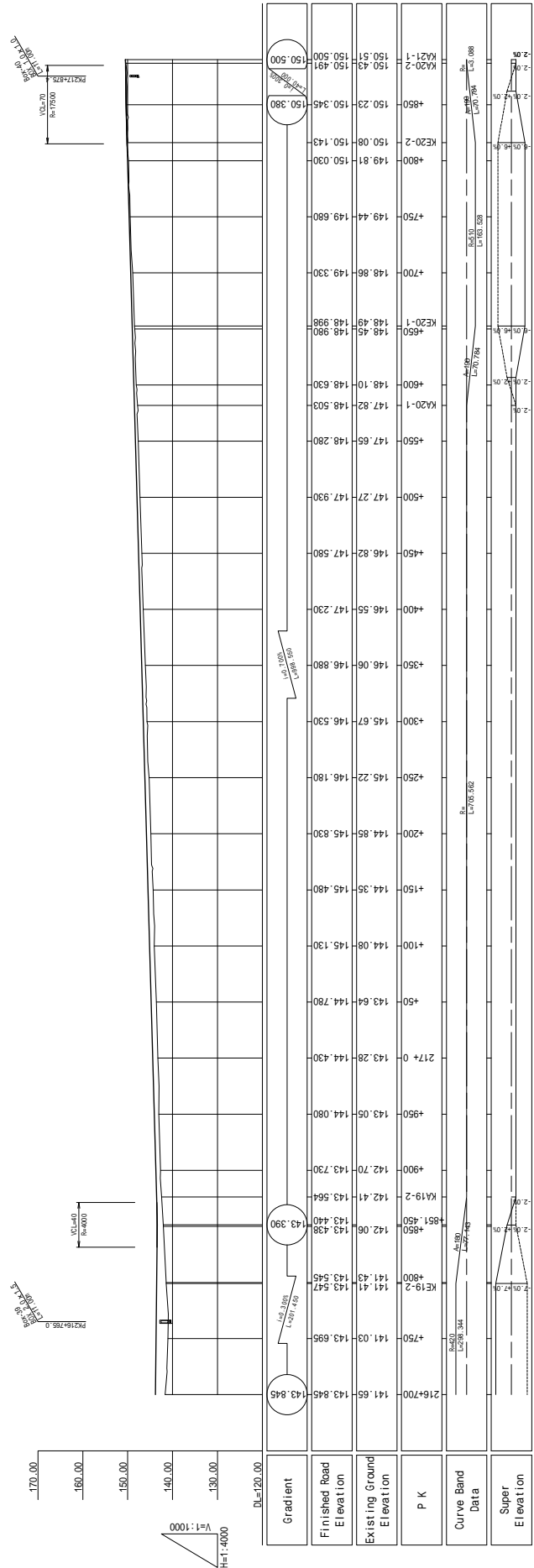
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PLAN & PROFILE

PLAN S=1:4000

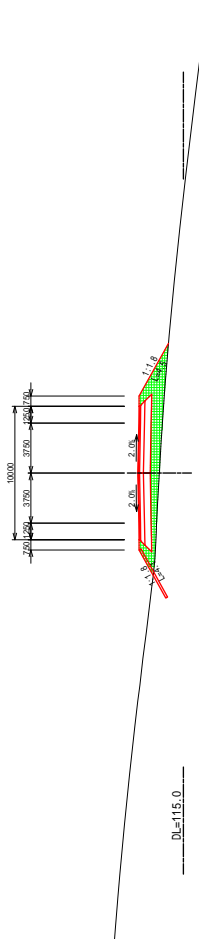


PROFILE V=1:1000 H=1:4000



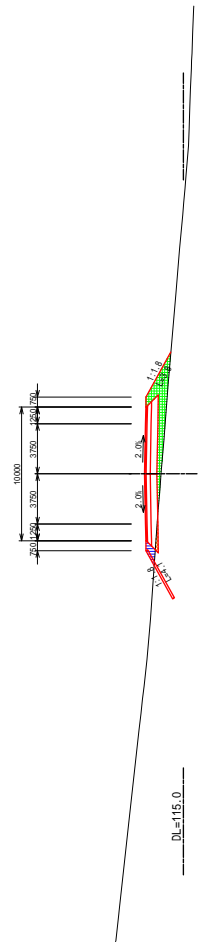
PK 197+450	
Excavation	0.0 m
Spill Slope	0.3 m
Embankment	0.0 m
Spill Slope	0.7 m
Spill Slope	0.3 m
Spill Slope	0.3 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	4.1 m
Left Side	4.0 m
Right Side	0.1 m

PK197+450
GH=116.80
PH=118.414



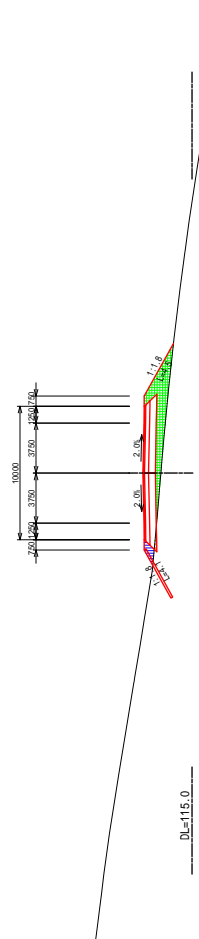
PK 197+550	
Excavation	0.0 m
Spill Slope	0.3 m
Embankment	0.0 m
Spill Slope	0.7 m
Spill Slope	0.3 m
Spill Slope	0.3 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	4.1 m
Left Side	3.8 m
Right Side	0.3 m

PK'197+550
GH=116.67
PH=117.914



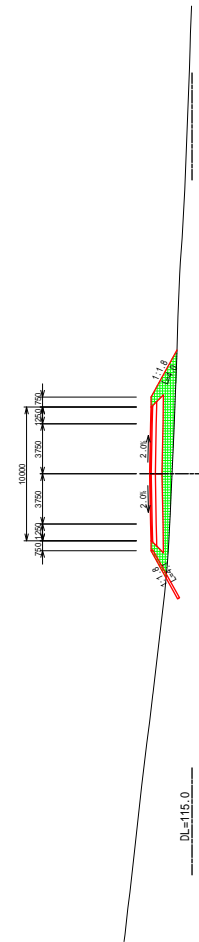
PK 197+400	
Excavation	0.0 m
Spill Slope	0.2 m
Embankment	0.7 m
Spill Slope	0.7 m
Spill Slope	0.7 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	4.1 m
Left Side	4.3 m
Right Side	0.0 m

PK197+400
GH=117.32
PH=118.664



PK 197+500	
Excavation	0.0 m
Spill Slope	0.0 m
Embankment	0.0 m
Spill Slope	0.0 m
Spill Slope	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	4.1 m
Left Side	4.0 m
Right Side	0.1 m

PK'197+500
GH=116.49
PH=118.164



REPUBLIQUE DE DJIBOUTI
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JAPAN INTERNATIONAL COOPERATION AGENCY
YACHIYO ENGINEERING CO., LTD.

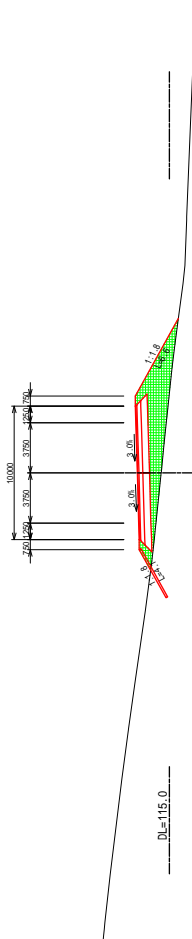
THE PREPARATORY SURVEY FOR
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SHEET CONTENTS
CROSS SECTION
PK197+400 ~ PK197+550

SCALE S=1:400
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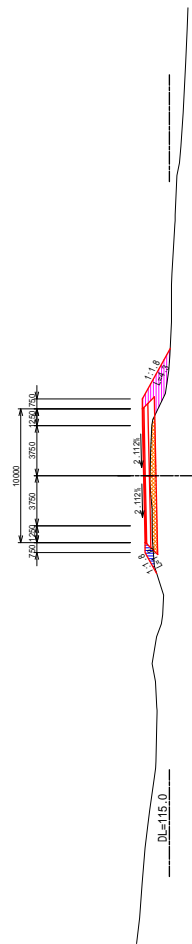
PK 197+650	
Excavation	0.0 m
Subgrade	0.0 m
Shoulder	3.7 m
Enbankment	0.0 m
Left Slope	0.7 m
Right Slope	0.0 m
Length of Enbankment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	0.0 n
Left Slope	4.1 n
Right Slope	0.0 n

PK197+650
GH=115.62
PH=117.414



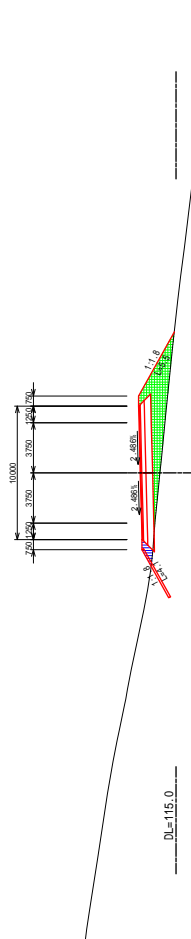
PK 197+750	
Excavation	0.0 m
Subgrade	0.0 m
Shoulder	3.7 m
Enbankment	0.0 m
Left Slope	0.7 m
Right Slope	0.0 m
Length of Enbankment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	0.0 n
Left Slope	1.8 n
Right Slope	4.3 n

PK197+750
GH=116.47
PH=116.929



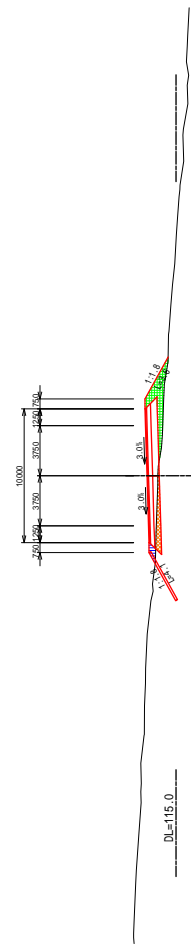
PK 197+600	
Excavation	0.0 m
Subgrade	0.1 m
Shoulder	0.8 m
Enbankment	0.0 m
Left Slope	1.1 m
Right Slope	1.3 m
Length of Enbankment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	0.0 n
Left Slope	4.1 n
Right Slope	5.3 n

PK197+600
GH=116.20
PH=117.664



PK 197+700	
Excavation	0.0 m
Subgrade	1.6 m
Shoulder	0.5 m
Enbankment	0.0 m
Left Slope	2.8 m
Right Slope	3.9 m
Length of Enbankment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	0.0 n
Left Slope	4.1 n
Right Slope	3.8 n

PK197+700
GH=116.35
PH=117.164



REPUBLIQUE DE DJIBOUTI
MINISTRE DE L'EQUIPEMENT ET DES TRANSPORTS
DIRECTION DE L'EQUIPEMENT



JAPAN INTERNATIONAL COOPERATION AGENCY
YACHIYO ENGINEERING CO., LTD.

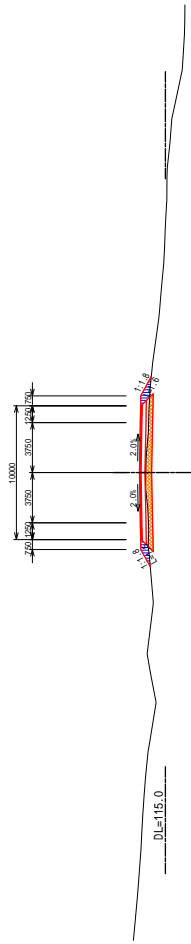
THE PREPARATORY SURVEY FOR
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SHEET CONTENTS
CROSS SECTION
PK197+600 ~ PK197+750

SCALE S=1:400
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PK 197+850	
Excavation	0.0 m
Spac. Slope	4.2 m
Enchantment	1.5 m
Spac. Slope	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enchantment Slope	1.5 n
Left Slope	1.5 n
Right Slope	1.0 n

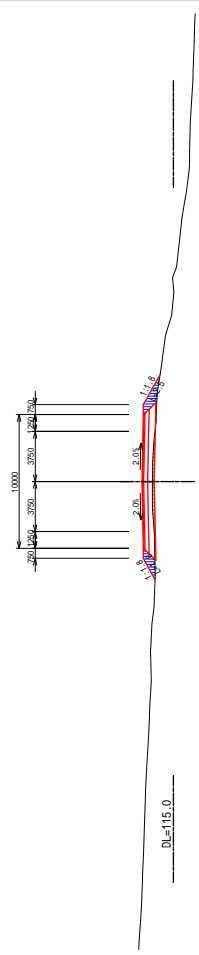
PK197+850
GH=116.48
PH=116.954



DL=115.0

PK 197+950	
Excavation	0.0 m
Spac. Slope	1.1 m
Enchantment	2.4 m
Spac. Slope	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enchantment Slope	1.8 n
Left Slope	1.8 n
Right Slope	2.9 n

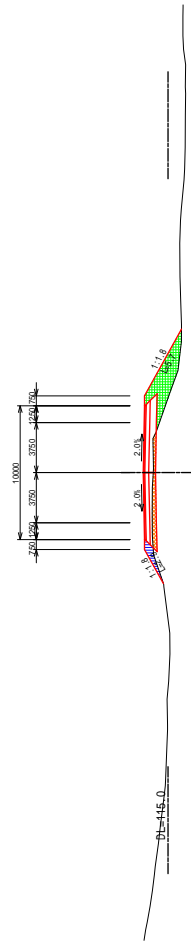
PK197+950
GH=116.57
PH=117.354



DL=115.0

PK 197+800	
Excavation	0.0 m
Spac. Slope	2.2 m
Enchantment	1.0 m
Spac. Slope	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enchantment Slope	2.9 n
Left Slope	2.9 n
Right Slope	5.7 n

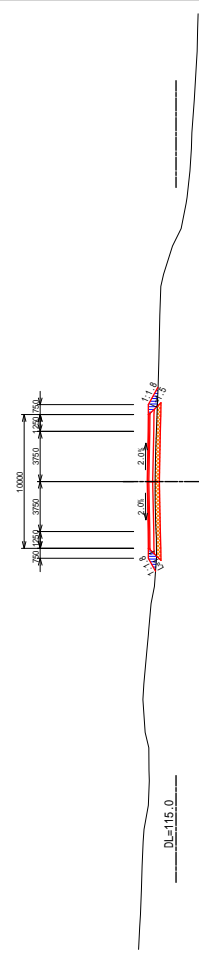
PK197+800
GH=116.10
PH=116.848



DL=115.0

PK 197+900	
Excavation	0.0 m
Spac. Slope	3.6 m
Enchantment	1.3 m
Spac. Slope	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enchantment Slope	1.1 n
Left Slope	1.1 n
Right Slope	1.5 n

PK197+900
GH=116.55
PH=117.154



DL=115.0



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JAPAN INTERNATIONAL COOPERATION AGENCY
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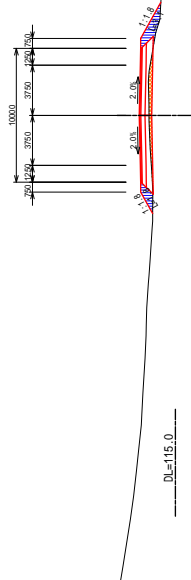
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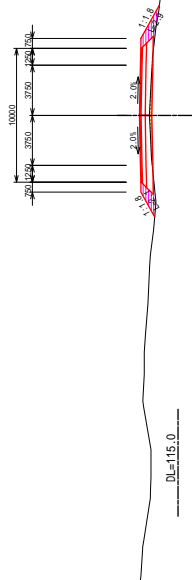
PK 198+150	
Excavation	
Spore Size	0.0 m
Enchantment	1.7 m
Spore Size	2.9 m
Enchantment	0.0 m
Spore Size	0.0 m
Enchantment	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	1.8 m
Left Side	3.1 m
Right Side	3.1 m

PK198+150
Gh=116.97
Ph=117.704



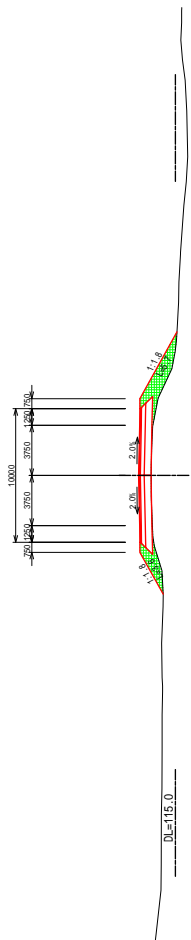
PK 198+100	
Excavation	
Spore Size	0.0 m
Enchantment	0.9 m
Spore Size	0.0 m
Enchantment	0.0 m
Spore Size	3.0 m
Enchantment	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	2.1 m
Left Side	2.1 m
Right Side	2.9 m

PK198+100
Gh=117.13
Ph=117.875



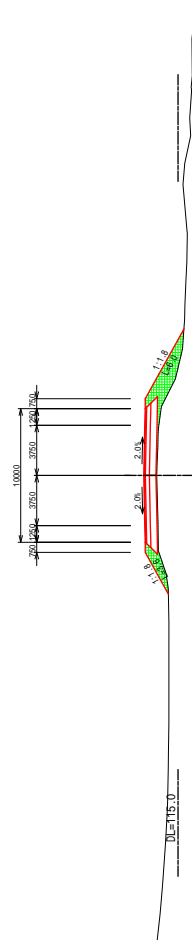
PK 198+50	
Excavation	
Spore Size	0.0 m
Enchantment	0.0 m
Spore Size	0.0 m
Enchantment	0.0 m
Spore Size	0.0 m
Enchantment	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	3.8 m
Left Side	3.7 m
Right Side	3.7 m

PK198+50
Gh=118.81
Ph=117.754



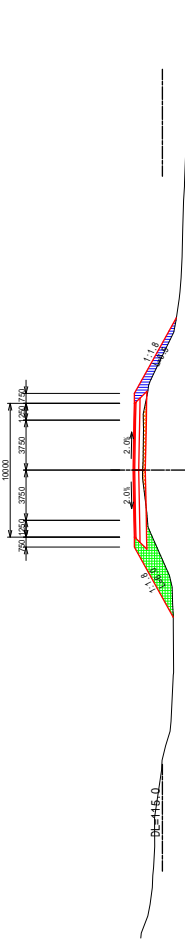
PK 198+0	
Excavation	
Spore Size	0.0 m
Enchantment	0.0 m
Spore Size	0.0 m
Enchantment	0.0 m
Spore Size	0.0 m
Enchantment	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	3.6 m
Left Side	3.6 m
Right Side	6.0 m

PK198
Gh=116.58
Ph=117.554



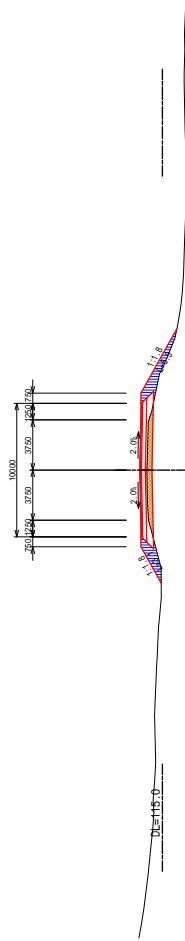
PK 198+250	
Excavation	0.0 m
Spillway	1.4 m
Enbankment	3.2 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m

PK198+250
 GH=116.49
 PH=117.204



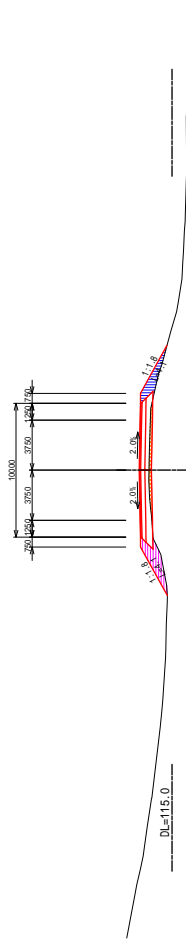
PK 198+350	
Excavation	0.0 m
Spillway	3.2 m
Enbankment	4.8 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m

PK198+350
 GH=116.16
 PH=116.704



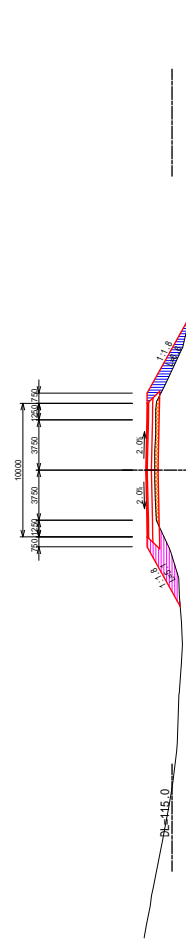
PK 198+200	
Excavation	0.0 m
Spillway	1.4 m
Enbankment	2.1 m
Left Slope	3.1 m
Right Slope	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	0.0 m
Left Side	4.1 m
Right Side	4.1 m

PK198+200
 GH=116.72
 PH=117.454



PK 198+300	
Excavation	0.0 m
Spillway	2.3 m
Enbankment	4.2 m
Left Slope	5.1 m
Right Slope	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	0.0 m
Left Side	5.1 m
Right Side	5.6 m

PK198+300
 GH=116.28
 PH=116.954



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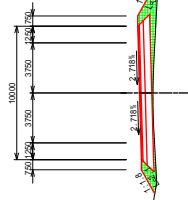
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PK 198+550	
Excavation	0.0 m
200% Spread	0.0 m
200% Spread	0.0 m
Enbankment	0.0 m
2.5 m	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	0.0 m
Left Side	2.1 m
Right Side	3.1 m

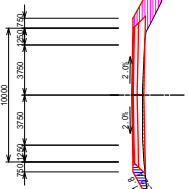
PK198+550
GH=114.60
PH=115.604



DL=110.0

PK 198+450	
Excavation	0.0 m
200% Spread	1.0 m
200% Spread	1.2 m
Enbankment	0.0 m
2.5 m	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	2.8 m
Left Side	0.0 m
Right Side	0.0 m

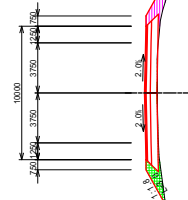
PK198+450
GH=115.38
PH=116.204



DL=110.0

PK 198+500	
Excavation	0.0 m
200% Spread	0.0 m
200% Spread	0.0 m
Enbankment	0.0 m
2.5 m	0.0 m
Length of Embankment Slope	3.1 m
Left Side	2.1 m
Right Side	0.0 m
Length of Embankment Slope	0.0 m
Left Side	3.0 m
Right Side	5.0 m

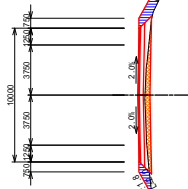
PK198+500
GH=114.98
PH=115.936



DL=110.0

PK 198+400	
Excavation	0.0 m
200% Spread	3.1 m
200% Spread	3.6 m
Enbankment	0.0 m
2.5 m	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	2.0 m
Left Side	4.8 m
Right Side	0.0 m

PK198+400
GH=115.91
PH=116.454



DL=110.0



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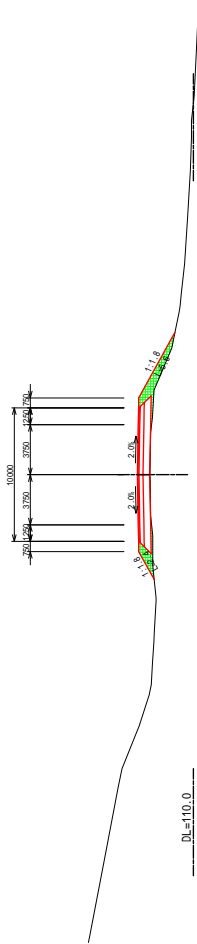
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PK 198+750	
Excavation	0.0 m
Top of Road	0.0 m
Subgrade	0.0 m
Enbankment	0.0 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Embankment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Embankment Slope	2.4 m
Left Slope	2.4 m
Right Slope	2.4 m

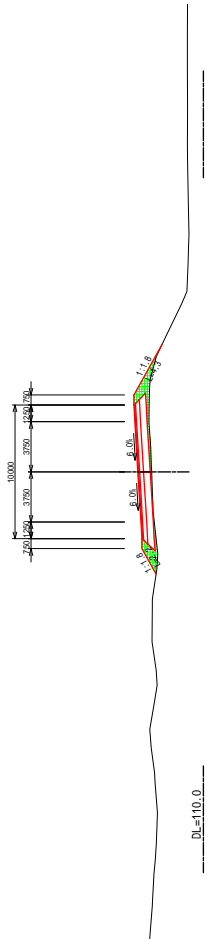
PK198+750
GH=113.25
PH=114.204



DL=110.0

PK 198+650	
Excavation	0.0 m
Top of Road	0.0 m
Subgrade	0.0 m
Enbankment	0.0 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Embankment Slope	4.3 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Embankment Slope	2.2 m
Left Slope	2.2 m
Right Slope	4.3 m

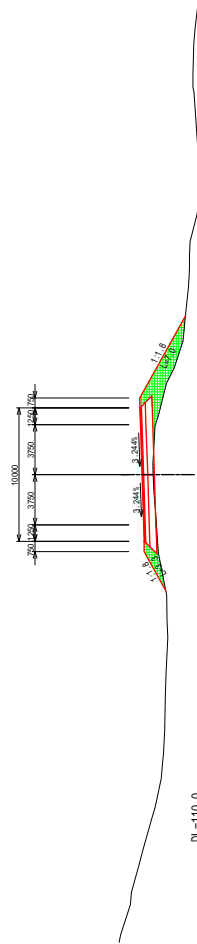
PK198+650
GH=113.88
PH=114.504



DL=110.0

PK 198+700	
Excavation	0.0 m
Top of Road	0.0 m
Subgrade	0.2 m
Enbankment	0.0 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Embankment Slope	3.8 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Embankment Slope	3.3 m
Left Slope	3.3 m
Right Slope	7.0 m

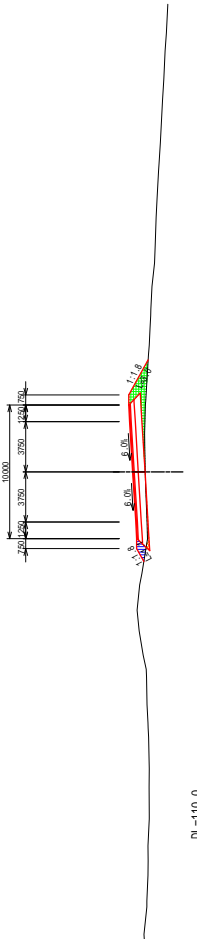
PK198+700
GH=113.71
PH=114.554



DL=110.0

PK 198+600	
Excavation	0.0 m
Top of Road	0.4 m
Subgrade	0.6 m
Enbankment	0.0 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Embankment Slope	3.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Embankment Slope	1.1 m
Left Slope	1.1 m
Right Slope	3.0 m

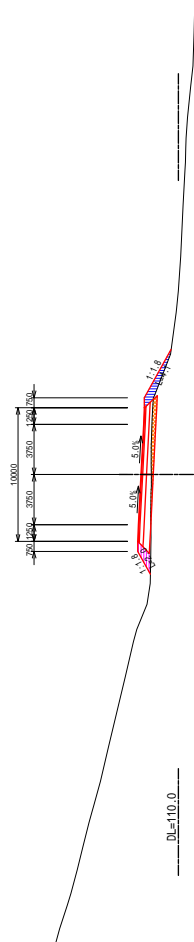
PK198+600
GH=114.31
PH=115.254



DL=110.0

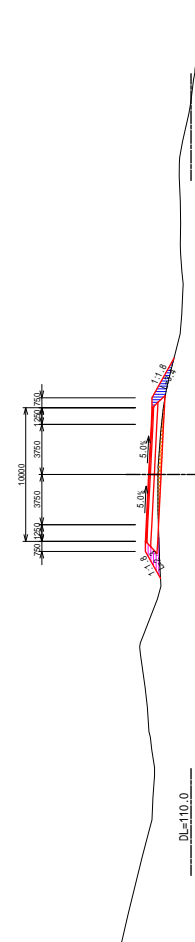
PK	198+950
Excavation	0.0 m
Shoulder	1.8 m
Enchantment	1.7 m
Enchantment	0.5 m
Length of Enchantment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enchantment Slope	2.0 m
Left Slope	4.1 m
Right Slope	4.1 m

PK198+950
GH=112.04
PH=112.804



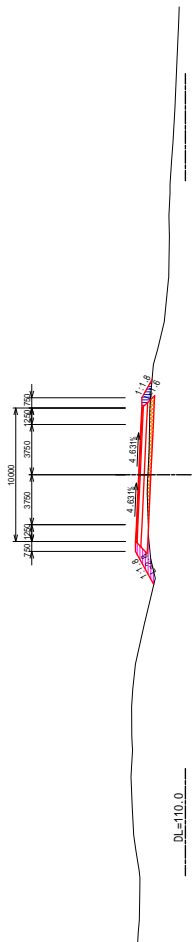
PK	198+900
Excavation	0.0 m
Shoulder	1.5 m
Enchantment	1.7 m
Enchantment	1.5 m
Length of Enchantment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enchantment Slope	2.3 m
Left Slope	3.4 m
Right Slope	3.4 m

PK198+900
GH=112.46
PH=113.154



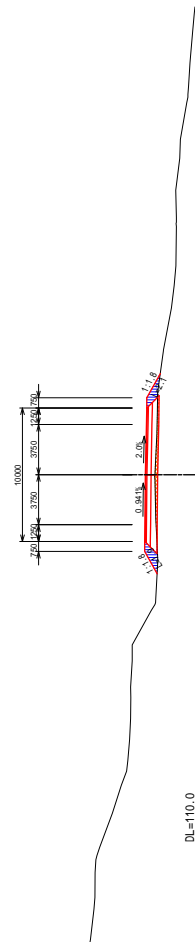
PK	198+850
Excavation	0.0 m
Shoulder	2.1 m
Enchantment	0.8 m
Enchantment	0.0 m
Length of Enchantment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enchantment Slope	2.8 m
Left Slope	1.0 m
Right Slope	1.0 m

PK198+850
GH=112.81
PH=113.504



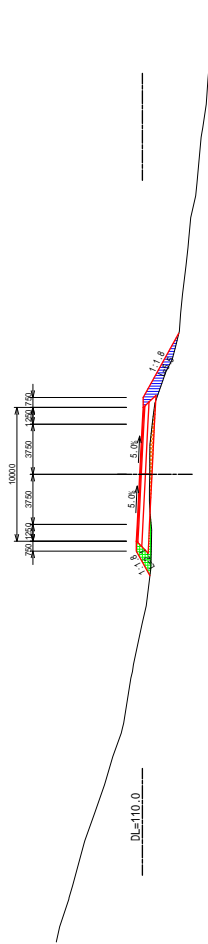
PK	198+800
Excavation	0.0 m
Shoulder	1.5 m
Enchantment	2.1 m
Enchantment	0.0 m
Length of Enchantment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enchantment Slope	1.9 m
Left Slope	2.1 m
Right Slope	2.1 m

PK198+800
GH=113.16
PH=113.864



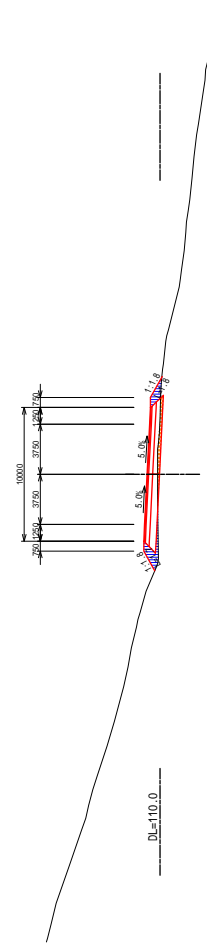
PK 199+150	
Excavation	0.0 m
Spill Slope	1.4 m
Enbankment	3.1 m
Spill Slope	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Length of Enbankment Slope	2.1 m
Right Side	3.9 m

PK199+150
GH=109.47
PH=110.204



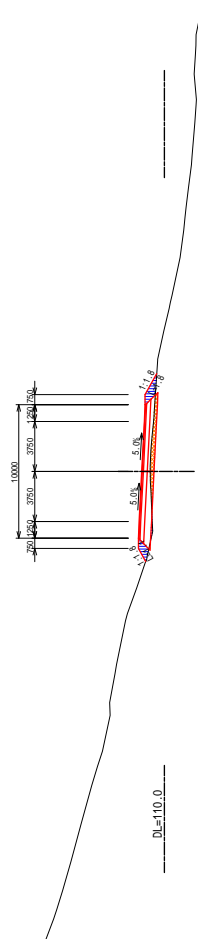
PK 199+100	
Excavation	0.0 m
Spill Slope	1.2 m
Enbankment	2.4 m
Spill Slope	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Length of Enbankment Slope	1.7 m
Right Side	1.8 m

PK199+100
GH=110.17
PH=110.954



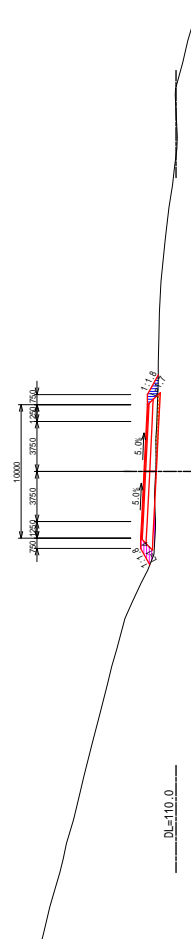
PK 199+50	
Excavation	0.0 m
Spill Slope	2.0 m
Enbankment	1.7 m
Spill Slope	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Length of Enbankment Slope	1.1 m
Right Side	1.6 m

PK199+50
GH=111.08
PH=111.704



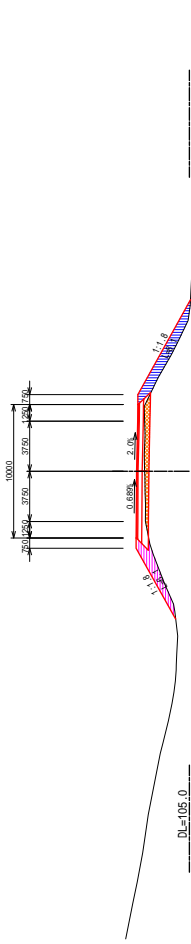
PK 199+0	
Excavation	0.0 m
Spill Slope	0.8 m
Enbankment	0.9 m
Spill Slope	1.4 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Length of Enbankment Slope	1.4 m
Right Side	1.7 m

PK199
GH=111.51
PH=112.384



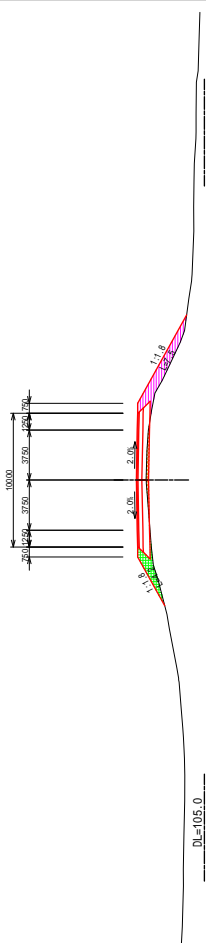
PK 199+250	
Excavation	0.0 m
Slope Stake Post	3.1 m
Enbankment	5.4 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Excavation Slope	0.0 m
Length of Enbankment Slope	6.1 m
Left Side	6.1 m
Right Side	6.1 m

PK199+250
GH=108.35
PH=108.869



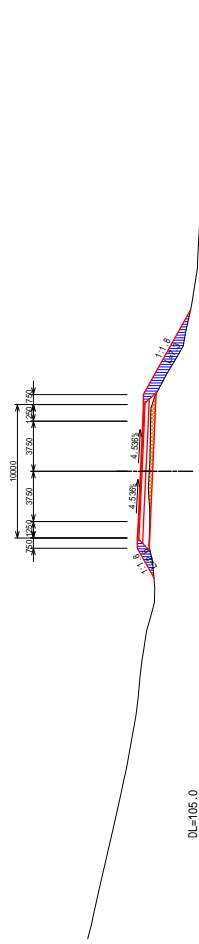
PK 199+350	
Excavation	0.0 m
Slope Stake Post	0.9 m
Enbankment	0.0 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Excavation Slope	0.0 m
Length of Enbankment Slope	4.2 m
Left Side	4.2 m
Right Side	4.2 m

PK199+350
GH=108.36
PH=110.104



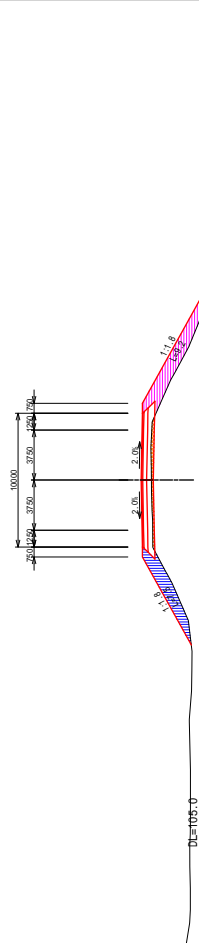
PK 199+200	
Excavation	0.0 m
Slope Stake Post	2.3 m
Enbankment	6.3 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Excavation Slope	0.0 m
Length of Enbankment Slope	7.3 m
Left Side	7.3 m
Right Side	7.3 m

PK199+200
GH=108.79
PH=109.454



PK 199+300	
Excavation	0.0 m
Slope Stake Post	1.6 m
Enbankment	6.0 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Excavation Slope	0.0 m
Length of Enbankment Slope	7.5 m
Left Side	7.5 m
Right Side	7.5 m

PK199+300
GH=108.63
PH=109.404



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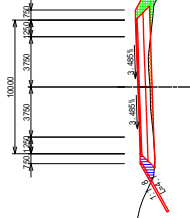
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PK 199+550	
Excavation	0.0 m
Embankment	1.1 m
Length of Excavation Slope	0.0 m
Length of Embankment Slope	1.1 m
Left Side	0.0 m
Right Side	1.1 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	1.1 m

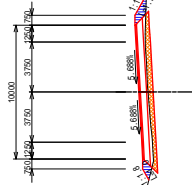
PK199+550
 GH=108.25
 PH=109.164



DL=105.0

PK 199+450	
Excavation	0.0 m
Embankment	4.0 m
Length of Excavation Slope	1.5 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	4.0 m
Length of Embankment Slope	1.0 m
Left Side	1.0 m
Right Side	1.7 m

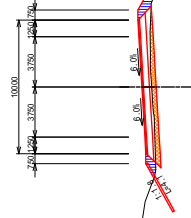
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 PH=110.810



DL=105.0

PK 199+500	
Excavation	0.0 m
Embankment	3.3 m
Length of Excavation Slope	2.9 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	3.3 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	3.4 m

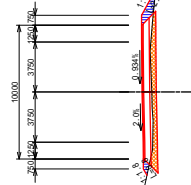
PK199+500
 GH=109.43
 PH=110.164



DL=105.0

PK 199+400	
Excavation	0.0 m
Embankment	4.3 m
Length of Excavation Slope	1.4 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	4.3 m
Length of Embankment Slope	0.6 m
Left Side	0.6 m
Right Side	2.2 m

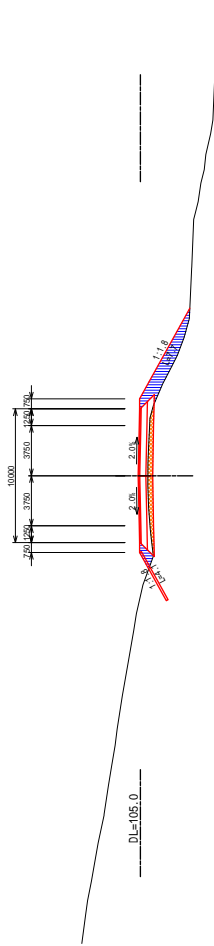
PK199+400
 GH=110.03
 PH=110.747



DL=105.0

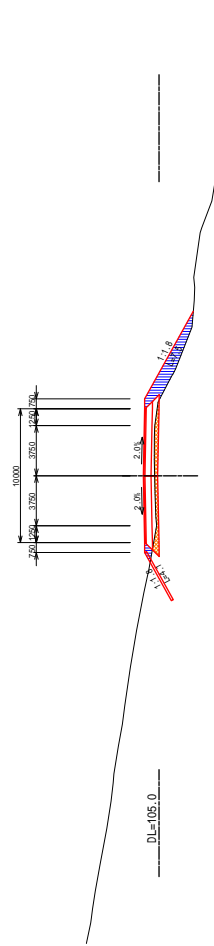
PK	199+750
Excavation	0.0 m
Shoulder Cut	3.3 m
Enbankment	7.1 m
Shoulder	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 m
Length of Enbankment Slope	0.0 m
Left Slope	3.8 m
Right Slope	7.2 m

PK199+750
GH=104.45
PH=105.164



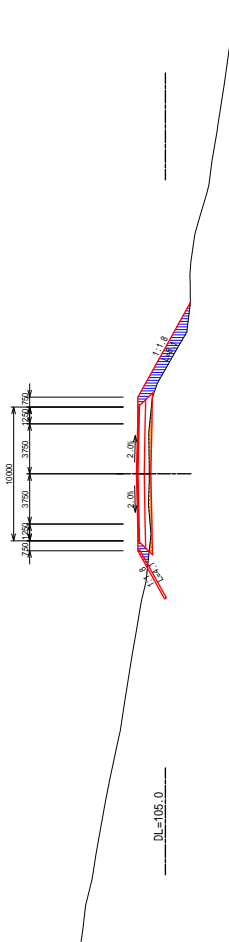
PK	199+700
Excavation	0.0 m
Shoulder Cut	2.9 m
Enbankment	6.1 m
Shoulder	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 m
Length of Enbankment Slope	0.0 m
Left Slope	3.6 m
Right Slope	7.5 m

PK199+700
GH=105.32
PH=106.164



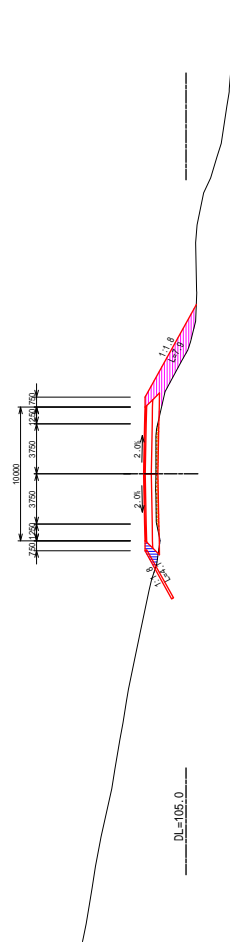
PK	199+650
Excavation	0.0 m
Shoulder Cut	1.8 m
Enbankment	6.5 m
Shoulder	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 m
Length of Enbankment Slope	0.0 m
Left Slope	3.8 m
Right Slope	6.1 m

PK199+650
GH=106.22
PH=107.164



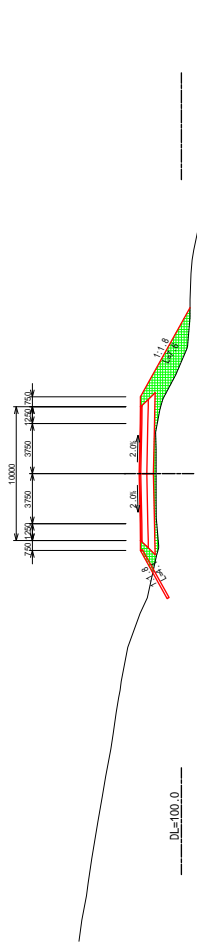
PK	199+600
Excavation	0.0 m
Shoulder Cut	1.4 m
Enbankment	7.5 m
Shoulder	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 m
Length of Enbankment Slope	0.0 m
Left Slope	3.6 m
Right Slope	7.9 m

PK199+600
GH=107.25
PH=108.164



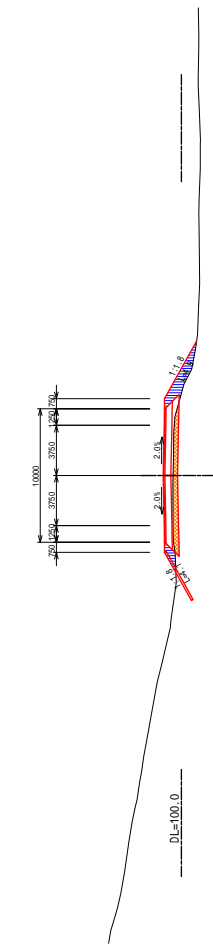
PK 199+850	
Excavation	0.0 m
Shoulder Cut	3.9 m
Enbankment	4.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	0.0 m
Left Slope	4.1 n
Right Slope	4.8 n

PK199+850
GH=101.89
PH=103.164



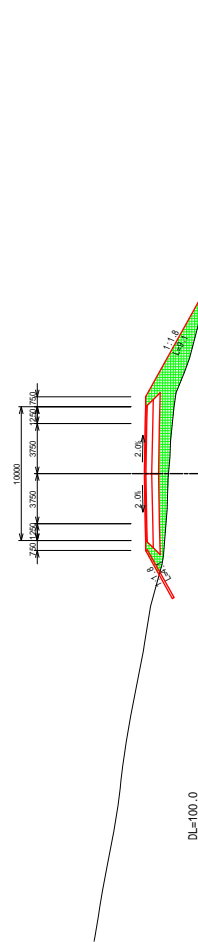
PK 199+850	
Excavation	0.0 m
Shoulder Cut	3.9 m
Enbankment	4.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	0.0 m
Left Slope	3.7 n
Right Slope	7.6 n

PK199+850
GH=101.89
PH=103.164



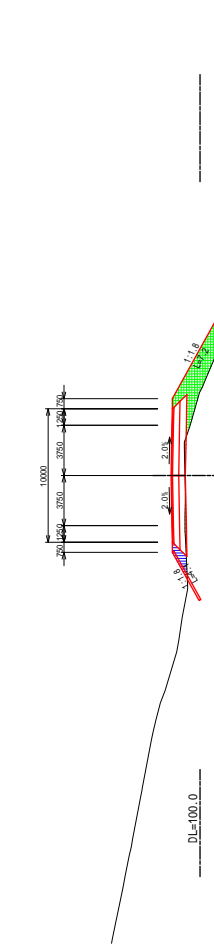
PK 199+900	
Excavation	0.0 m
Shoulder Cut	0.6 m
Enbankment	1.3 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	4.1 m
Left Slope	4.1 n
Right Slope	7.2 n

PK199+900
GH=101.12
PH=102.164



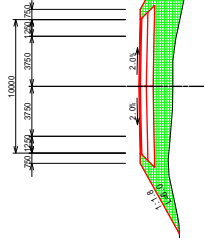
PK 199+800	
Excavation	0.0 m
Shoulder Cut	0.0 m
Enbankment	0.0 m
Length of Excavation Slope	20.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	3.9 m
Left Slope	3.9 n
Right Slope	9.1 n

PK199+800
GH=102.35
PH=104.164



PK 200+150	
Excavation	0.0 m
Spill Out	0.0 m
Enbankment	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enbankment Slope	6.0 m
Left Side	6.0 m
Right Side	6.0 m

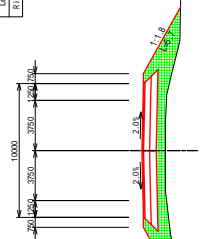
PK200+150
 GH=99.17
 PH=101.711



DL=95.0

PK 200+50	
Excavation	0.0 m
Spill Out	0.0 m
Enbankment	0.0 m
Length of Excavation Slope	20.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enbankment Slope	6.2 m
Left Side	6.2 m
Right Side	6.7 m

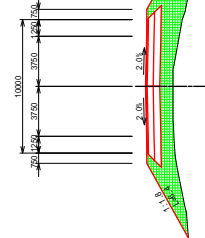
PK200+50
 GH=99.72
 PH=101.464



DL=95.0

PK 200+100	
Excavation	0.0 m
Spill Out	0.0 m
Enbankment	0.0 m
Length of Excavation Slope	2.9 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enbankment Slope	6.4 m
Left Side	6.4 m
Right Side	7.1 m

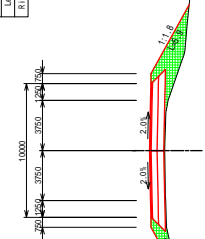
PK200+100
 GH=99.55
 PH=101.614



DL=95.0

PK 200+0	
Excavation	0.0 m
Spill Out	0.0 m
Enbankment	0.0 m
Length of Excavation Slope	10.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enbankment Slope	4.1 m
Left Side	4.1 m
Right Side	5.9 m

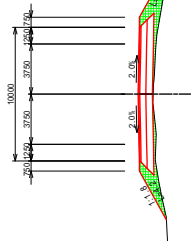
PK200
 GH=100.18
 PH=101.314



DL=95.0

PK	200+250
Excavation	0.0
Subgrade	0.0
Shoulder	0.0
Embankment	0.0
Subgrade	0.0
Shoulder	0.0
Embankment	0.0
Length of Excavation Slope	0.0
Left Side	0.0
Right Side	0.0
Length of Embankment Slope	5.0
Left Side	5.0
Right Side	5.0

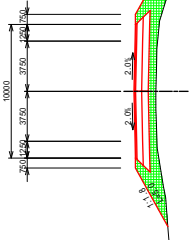
PK200+250
 GH=99.83
 PH=101.464



DL=95.0

PK	200+350
Excavation	0.0
Subgrade	0.0
Shoulder	0.0
Embankment	0.0
Subgrade	0.0
Shoulder	0.0
Embankment	0.0
Length of Excavation Slope	0.0
Left Side	0.0
Right Side	0.0
Length of Embankment Slope	4.2
Left Side	4.2
Right Side	4.2

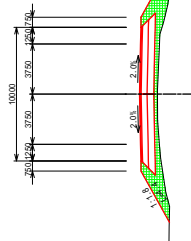
PK200+350
 GH=100.04
 PH=101.164



DL=95.0

PK	200+200
Excavation	0.0
Subgrade	0.0
Shoulder	0.0
Embankment	0.0
Subgrade	0.0
Shoulder	0.0
Embankment	0.0
Length of Excavation Slope	0.0
Left Side	0.0
Right Side	0.0
Length of Embankment Slope	4.9
Left Side	4.9
Right Side	4.9

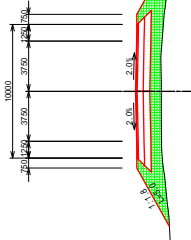
PK200+200
 GH=99.69
 PH=101.614



DL=95.0

PK	200+300
Excavation	0.0
Subgrade	0.0
Shoulder	0.0
Embankment	0.0
Subgrade	0.0
Shoulder	0.0
Embankment	0.0
Length of Excavation Slope	0.0
Left Side	0.0
Right Side	0.0
Length of Embankment Slope	4.4
Left Side	4.4
Right Side	4.4

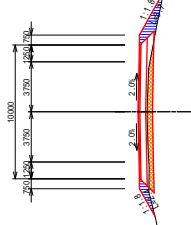
PK200+300
 GH=99.98
 PH=101.314



DL=95.0

PK 200+550	
Excavation	
PK 200+544.000	0.0 m
PK 200+536.000	3.7 m
Embankment	
PK 200+544.000	3.2 m
PK 200+536.000	0.0 m
PK 200+528.000	0.0 m
Length of Excavation Slope	
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	
Left Side	2.4 m
Right Side	3.7 m

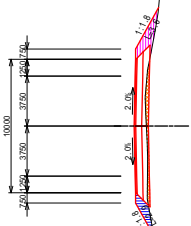
PK200+550
GH=89.87
PH=100.564



DL=95.0

PK 200+450	
Excavation	
PK 200+444.000	0.0 m
PK 200+436.000	1.9 m
Embankment	
PK 200+444.000	1.5 m
PK 200+436.000	0.0 m
PK 200+428.000	0.0 m
Length of Excavation Slope	
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	
Left Side	2.9 m
Right Side	3.0 m

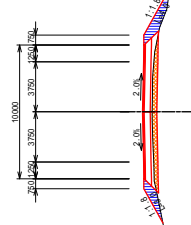
PK200+450
GH=89.95
PH=100.864



DL=95.0

PK 200+500	
Excavation	
PK 200+494.000	0.0 m
PK 200+486.000	3.5 m
Embankment	
PK 200+494.000	3.8 m
PK 200+486.000	0.0 m
PK 200+478.000	0.0 m
Length of Excavation Slope	
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	
Left Side	3.0 m
Right Side	4.0 m

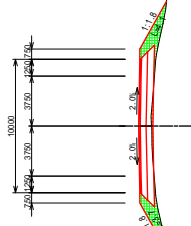
PK200+500
GH=89.98
PH=100.714



DL=95.0

PK 200+400	
Excavation	
PK 200+394.000	0.0 m
PK 200+386.000	0.4 m
Embankment	
PK 200+394.000	0.0 m
PK 200+386.000	3.7 m
PK 200+378.000	0.0 m
Length of Excavation Slope	
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	
Left Side	3.7 m
Right Side	4.1 m

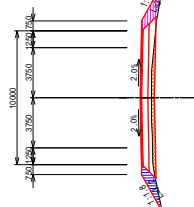
PK200+400
GH=100.04
PH=101.014



DL=95.0

PK 200+750	
ELEVATION	
Subgrade	0.0 m
Shoulder	2.1 m
Enhancement	1.7 m
Subgrade	0.0 m
Shoulder	0.0 m
Enhancement	0.0 m
Length of Embankment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Embankment Slope	3.2 m
Left Slope	3.4 m
Right Slope	3.4 m

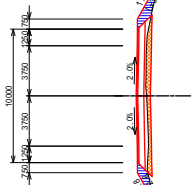
PK200+750
 CH=69.11
 PH=69.864



DL=95.0

PK 200+650	
ELEVATION	
Subgrade	0.0 m
Shoulder	3.4 m
Enhancement	2.9 m
Subgrade	0.0 m
Shoulder	0.0 m
Enhancement	0.0 m
Length of Embankment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Embankment Slope	2.8 m
Left Slope	3.3 m
Right Slope	3.3 m

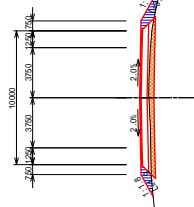
PK200+650
 CH=69.48
 PH=100.264



DL=95.0

PK 200+700	
ELEVATION	
Subgrade	0.0 m
Shoulder	3.8 m
Enhancement	2.5 m
Subgrade	0.0 m
Shoulder	0.0 m
Enhancement	0.0 m
Length of Embankment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Embankment Slope	1.9 m
Left Slope	3.2 m
Right Slope	3.2 m

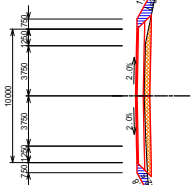
PK200+700
 CH=69.42
 PH=100.114



DL=95.0

PK 200+600	
ELEVATION	
Subgrade	0.0 m
Shoulder	4.2 m
Enhancement	2.8 m
Subgrade	0.0 m
Shoulder	0.0 m
Enhancement	0.0 m
Length of Embankment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Embankment Slope	2.5 m
Left Slope	3.4 m
Right Slope	3.4 m

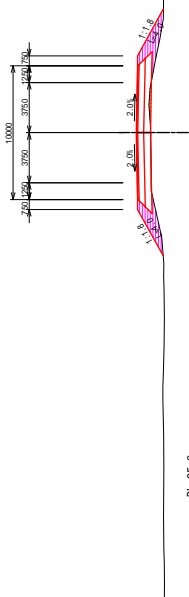
PK200+600
 CH=69.76
 PH=100.414



DL=95.0

PK 200+850	
Excavation	0.0 m
Shoulder	0.3 m
Enbankment	0.0 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Embankment Slope	0.0 m
Left Slope	4.0 m
Right Slope	4.0 m

PK200+850
GH=88.57
PH=89.664

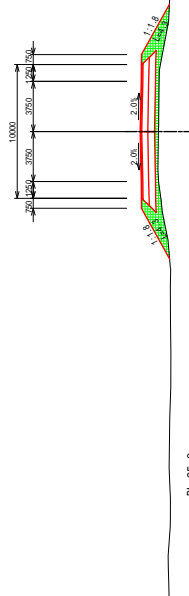


DL=95.0

PK 200+850	
Excavation	0.0 m
Shoulder	0.3 m
Enbankment	0.0 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Embankment Slope	0.0 m
Left Slope	4.0 m
Right Slope	4.0 m

PK 200+950	
Excavation	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Embankment Slope	0.0 m
Left Slope	4.3 m
Right Slope	4.3 m

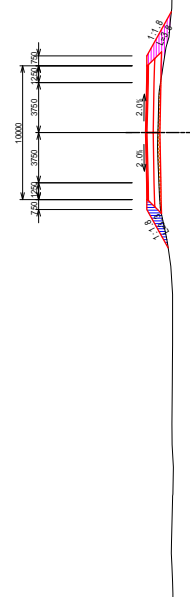
PK200+950
GH=88.00
PH=89.364



DL=95.0

PK 200+800	
Excavation	0.0 m
Shoulder	1.3 m
Enbankment	1.8 m
Left Slope	2.8 m
Right Slope	2.8 m
Length of Embankment Slope	0.0 m
Left Slope	3.3 m
Right Slope	3.3 m

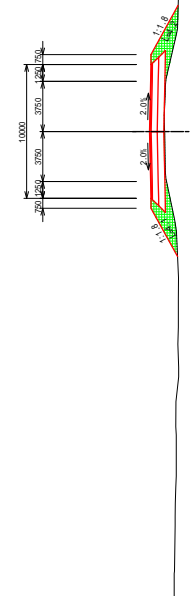
PK200+800
GH=88.88
PH=89.814



DL=95.0

PK 200+900	
Excavation	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Left Slope	2.8 m
Right Slope	2.8 m
Length of Embankment Slope	0.0 m
Left Slope	4.1 m
Right Slope	4.2 m

PK200+900
GH=88.39
PH=89.514



DL=95.0



REPUBLIQUE DE DJIBOUTI
MINISTRE DE L'EQUIPEMENT ET DES TRANSPORTS
DIRECTION DE L'EQUIPEMENT

JAPAN INTERNATIONAL COOPERATION AGENCY
YACHIYO ENGINEERING CO., LTD.

THE PREPARATORY SURVEY FOR
THE PROJECT FOR
UPGRADING OF NATIONAL ROAD ROUTE 1
IN THE REPUBLIC OF DJIBOUTI

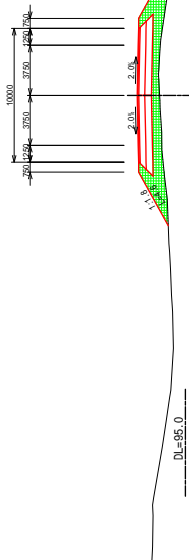
SHEET CONTENTS
CROSS SECTION
PK200+800 ~ PK200+950

SCALE S=1:400
DATE NOV 2018
PAGE NO. 37 / 131

PK 201+150	
Excavation	0.0 m
Spore 0.0	0.0 m
Enlargement	0.0 m
Spore 0.0	0.0 m
Enlargement	0.0 m
Spore 0.0	0.0 m
Enlargement	0.0 m
Length of Excavation Slope	12.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enlargement Slope	4.8 m
Left Side	4.8 m
Right Side	0.0 m

PK201+150

GH=86.94
PH=88.614



PK 201+100	
Excavation	0.0 m
Spore 0.0	0.0 m
Enlargement	0.0 m
Spore 0.0	0.0 m
Enlargement	0.0 m
Spore 0.0	0.0 m
Enlargement	0.0 m
Length of Excavation Slope	12.8 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enlargement Slope	5.2 m
Left Side	5.2 m
Right Side	0.0 m

PK201+100

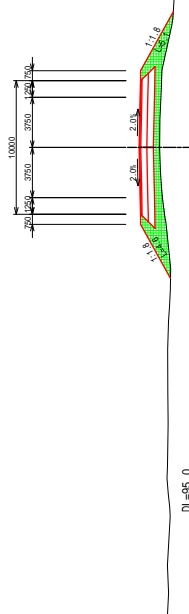
GH=87.498
PH=88.898



PK 201+50	
Excavation	0.0 m
Spore 0.0	0.0 m
Enlargement	0.0 m
Spore 0.0	0.0 m
Enlargement	0.0 m
Spore 0.0	0.0 m
Enlargement	14.0 m
Length of Excavation Slope	14.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enlargement Slope	4.8 m
Left Side	4.8 m
Right Side	0.0 m

PK201+50

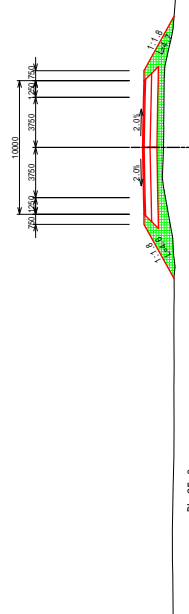
GH=97.63
PH=99.064



PK 201+0	
Excavation	0.0 m
Spore 0.0	0.0 m
Enlargement	0.0 m
Spore 0.0	0.0 m
Enlargement	0.0 m
Spore 0.0	0.0 m
Enlargement	13.0 m
Length of Excavation Slope	13.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enlargement Slope	4.6 m
Left Side	4.6 m
Right Side	0.0 m

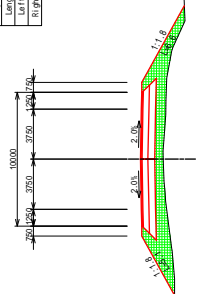
PK201

GH=97.66
PH=99.214



PK	201+250
Excavation	0.0 m
Shoulder Slope	0.0 m
Enchantment	0.0 m
Shoulder Slope	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	5.1 m
Left Side	5.1 m
Right Side	0.0 m

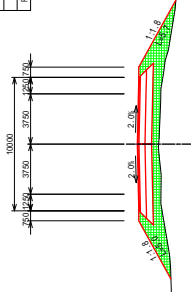
PK201+250
 GH=86.29
 PH=88.014



DL=80.0

PK	201+350
Excavation	0.0 m
Shoulder Slope	0.0 m
Enchantment	0.0 m
Shoulder Slope	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	5.0 m
Left Side	5.0 m
Right Side	5.2 m

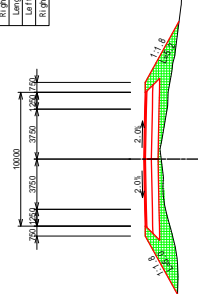
PK201+350
 GH=95.83
 PH=97.414



DL=80.0

PK	201+200
Excavation	0.0 m
Shoulder Slope	0.0 m
Enchantment	0.0 m
Shoulder Slope	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	5.0 m
Left Side	5.0 m
Right Side	5.2 m

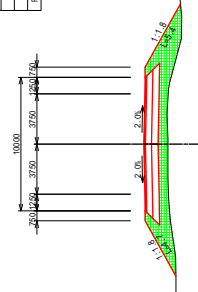
PK201+200
 GH=87.01
 PH=88.314



DL=80.0

PK	201+300
Excavation	0.0 m
Shoulder Slope	0.0 m
Enchantment	0.0 m
Shoulder Slope	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	4.7 m
Left Side	4.7 m
Right Side	5.4 m

PK201+300
 GH=95.81
 PH=97.714



DL=80.0



REPUBLIQUE DE DJIBOUTI
 MINISTERE DE L'EQUIPEMENT ET DES TRANSPORTS
 DIRECTION DE L'EQUIPEMENT

JAPAN INTERNATIONAL COOPERATION AGENCY
 YACHIYO ENGINEERING CO., LTD.

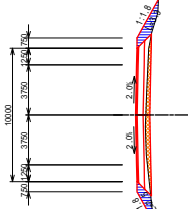
THE PREPARATORY SURVEY FOR
 THE PROJECT FOR
 UPGRADING OF NATIONAL ROAD ROUTE 1
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SHEET CONTENTS
 CROSS SECTION
 PK201+200 ~ PK201+350

SCALE S=1:400
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PK	201+550
Excavation	0.0 m
200% Slope	3.0 m
Enbankment	3.3 m
200% Slope	3.3 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	2.5 m
Left Side	3.3 m
Right Side	3.3 m

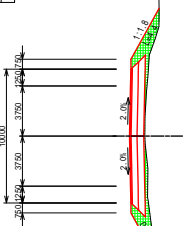
PK201+550
GH=95.60
PH=96.354



DL=90.0

PK	201+450
Excavation	0.0 m
200% Slope	0.0 m
Enbankment	0.0 m
200% Slope	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	4.0 m
Left Side	4.4 m
Right Side	4.4 m

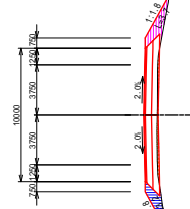
PK201+450
GH=95.65
PH=96.814



DL=90.0

PK	201+500
Excavation	0.0 m
200% Slope	1.0 m
Enbankment	1.9 m
200% Slope	2.3 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	3.2 m
Left Side	3.7 m
Right Side	3.7 m

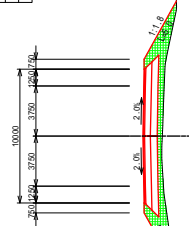
PK201+500
GH=95.51
PH=96.514



DL=90.0

PK	201+400
Excavation	0.0 m
200% Slope	0.0 m
Enbankment	0.0 m
200% Slope	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	4.5 m
Left Side	5.0 m
Right Side	5.0 m

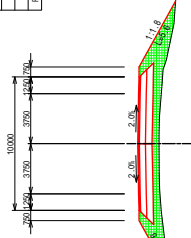
PK201+400
GH=95.65
PH=97.114



DL=90.0

PK 201+750	
Excavation	0.0 m
2003 Standard	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
2003 Standard	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Embankment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Embankment Slope	4.8 m
Left Slope	4.2 n
Right Slope	4.8 n

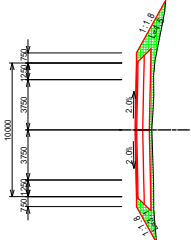
PK201+750
GH=66.62
PH=68.214



DL=80.0

PK 201+650	
Excavation	0.0 m
2003 Standard	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
2003 Standard	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Embankment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Embankment Slope	3.1 m
Left Slope	4.0 n
Right Slope	4.0 n

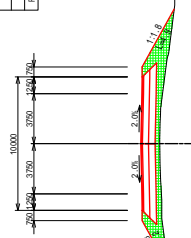
PK201+650
GH=65.96
PH=67.214



DL=80.0

PK 201+700	
Excavation	0.0 m
2003 Standard	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
2003 Standard	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Embankment Slope	1.9 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Embankment Slope	4.2 m
Left Slope	4.2 n
Right Slope	4.8 n

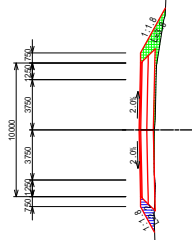
PK201+700
GH=66.23
PH=67.714



DL=80.0

PK 201+600	
Excavation	0.0 m
2003 Standard	0.0 m
Shoulder	0.0 m
Enbankment	1.2 m
2003 Standard	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Embankment Slope	3.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Embankment Slope	2.2 m
Left Slope	3.8 n
Right Slope	3.8 n

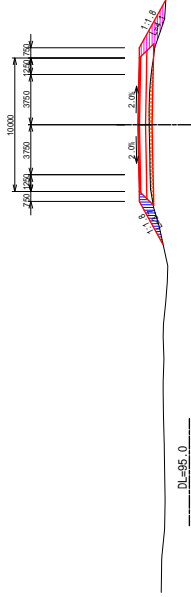
PK201+600
GH=65.57
PH=66.714



DL=80.0

PK 201+850	
Excavation	0.0 m
200% Road Cost	2.1 m
Enbankment	1.9 m
200% Road Cost	0.0 m
Enbankment	0.0 m
Length of Embankment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Embankment Slope	3.7 m
Left Slope	3.7 m
Right Slope	4.1 m

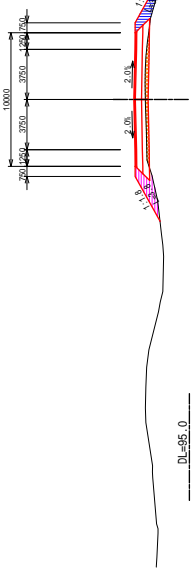
PK201+850
 GH=68.02
 PH=68.864



DL=95.0

PK 201+950	
Excavation	0.0 m
200% Road Cost	2.0 m
Enbankment	2.2 m
200% Road Cost	0.0 m
Enbankment	0.0 m
Length of Embankment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Embankment Slope	3.8 m
Left Slope	3.7 m
Right Slope	3.7 m

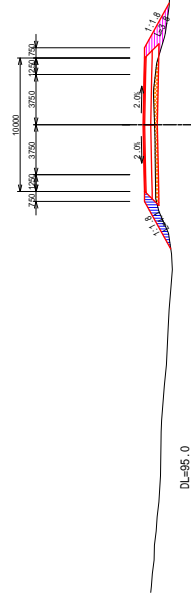
PK201+950
 GH=68.30
 PH=69.164



DL=95.0

PK 201+800	
Excavation	0.0 m
200% Road Cost	2.6 m
Enbankment	2.1 m
200% Road Cost	2.6 m
Enbankment	0.0 m
Length of Embankment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Embankment Slope	4.1 m
Left Slope	3.8 m
Right Slope	3.8 m

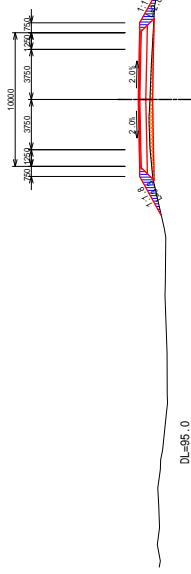
PK201+800
 GH=67.80
 PH=68.653



DL=95.0

PK 201+900	
Excavation	0.0 m
200% Road Cost	2.2 m
Enbankment	3.2 m
200% Road Cost	0.0 m
Enbankment	0.0 m
Length of Embankment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Embankment Slope	3.3 m
Left Slope	3.3 m
Right Slope	2.8 m

PK201+900
 GH=68.15
 PH=69.014



DL=95.0



REPUBLIQUE DE DJIBOUTI
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JAPAN INTERNATIONAL COOPERATION AGENCY
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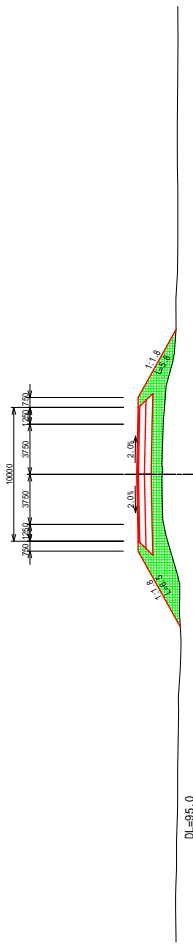
THE PREPARATORY SURVEY FOR
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 PK201+800 ~ PK201+950

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PK 202+150	
Excavation	0.0 m
Shoulder Cut	0.0 m
Enbankment	0.0 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Excavation Slope	2.0 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Enbankment Slope	6.5 m
Left Slope	5.9 m
Right Slope	5.4 m

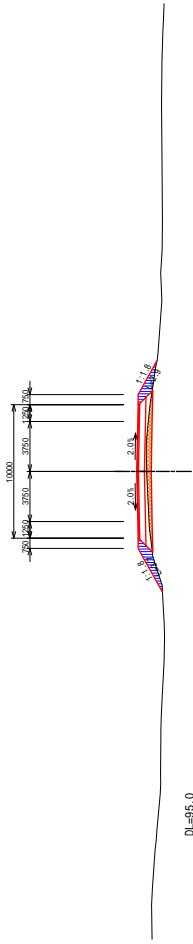
PK202+150
GH=97.56
PH=99.464



DL=95.0

PK 202+50	
Excavation	0.0 m
Shoulder Cut	3.1 m
Enbankment	3.5 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Excavation Slope	2.0 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Enbankment Slope	3.7 m
Left Slope	2.8 m
Right Slope	2.8 m

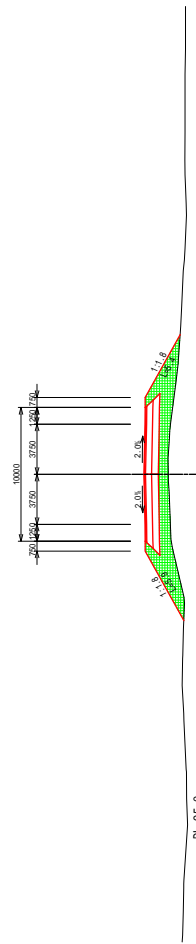
PK202+50
GH=98.72
PH=99.464



DL=95.0

PK 202+100	
Excavation	0.0 m
Shoulder Cut	0.0 m
Enbankment	0.0 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Excavation Slope	2.15 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Enbankment Slope	5.9 m
Left Slope	5.9 m
Right Slope	5.4 m

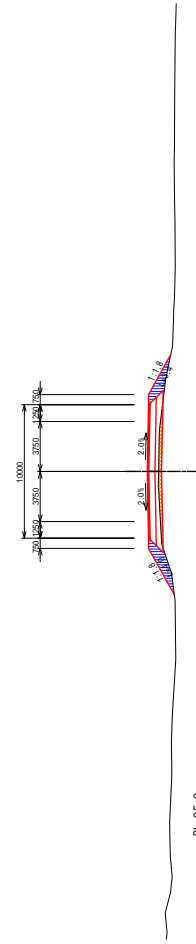
PK202+100
GH=97.74
PH=99.461



DL=95.0

PK 202+0	
Excavation	0.0 m
Shoulder Cut	1.3 m
Enbankment	4.4 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Excavation Slope	2.0 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Enbankment Slope	4.0 m
Left Slope	3.4 m
Right Slope	3.4 m

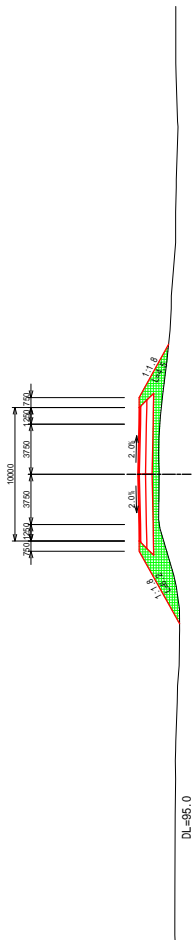
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PH=99.314



DL=95.0

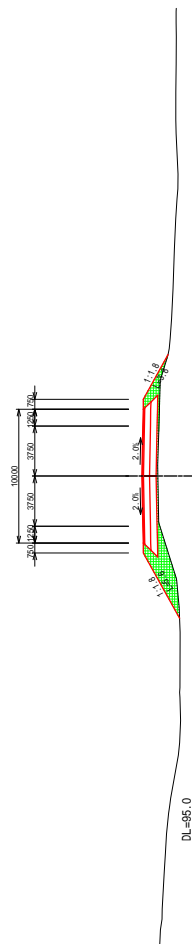
PK 202+250	
ELEVATION	
Shoulder	0.0 m
Subgrade	0.0 m
Embankment	0.0 m
Length of Excavation Slope	10.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	6.2 m
Left Side	6.2 m
Right Side	4.0 m

PK202+250
GH=97.58
PH=99.164



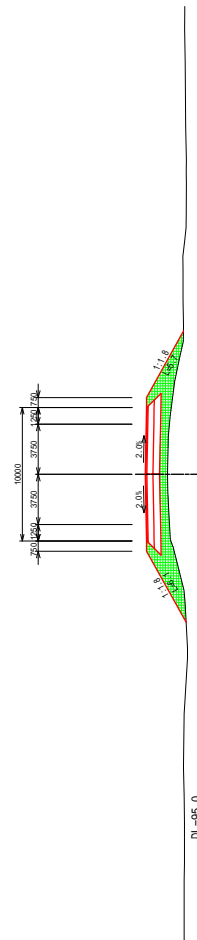
PK 202+300	
ELEVATION	
Shoulder	0.0 m
Subgrade	0.0 m
Embankment	0.0 m
Length of Excavation Slope	10.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	5.9 m
Left Side	5.9 m
Right Side	3.8 m

PK202+300
GH=97.67
PH=99.864



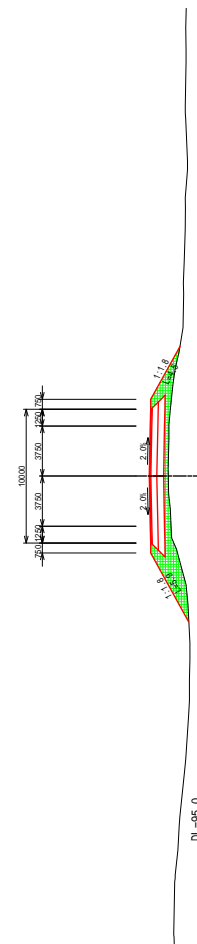
PK 202+200	
ELEVATION	
Shoulder	0.0 m
Subgrade	0.0 m
Embankment	0.0 m
Length of Excavation Slope	10.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	6.1 m
Left Side	6.1 m
Right Side	5.7 m

PK202+200
GH=97.65
PH=99.314



PK 202+300	
ELEVATION	
Shoulder	0.0 m
Subgrade	0.0 m
Embankment	0.0 m
Length of Excavation Slope	10.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	5.9 m
Left Side	5.9 m
Right Side	4.5 m

PK202+300
GH=97.69
PH=99.014



REPUBLIQUE DE DJIBOUTI
MINISTRE DE L'EQUIPEMENT ET DES TRANSPORTS
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JAPAN INTERNATIONAL COOPERATION AGENCY
YACHIYO ENGINEERING CO., LTD.

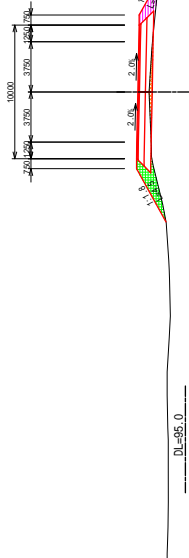
THE PREPARATORY SURVEY FOR
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PK202+200 ~ PK202+350

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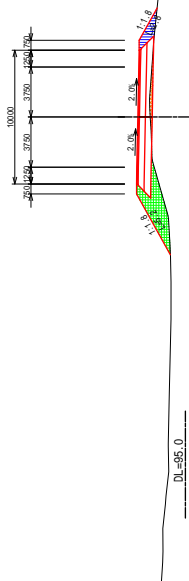
PK	202+450
Excavation	0.0 m
Shoulder Cut	0.0 m
Embankment	1.0 m
Shoulder	0.0 m
Shoulder	0.0 m
Shoulder	1.9 m
Shoulder	1.9 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	4.5 m
Left Side	5.2 m
Right Side	3.1 m

PK202+450
GH=97.64
PH=98.564



PK	202+450
Excavation	0.0 m
Shoulder Cut	0.8 m
Embankment	1.6 m
Shoulder	0.0 m
Shoulder	0.0 m
Shoulder	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	5.2 m
Left Side	5.2 m
Right Side	2.8 m

PK202+450
GH=97.64
PH=98.564



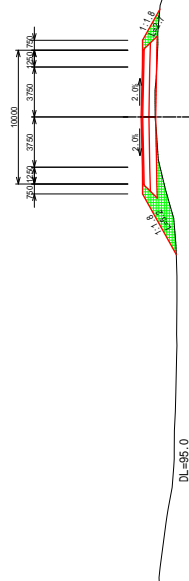
PK	202+500
Excavation	0.0 m
Shoulder Cut	2.1 m
Embankment	1.2 m
Shoulder	0.0 m
Shoulder	0.0 m
Shoulder	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	6.2 m
Left Side	6.2 m
Right Side	2.4 m

PK202+500
GH=97.68
PH=98.467



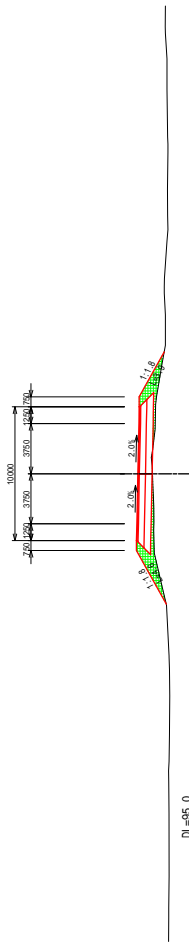
PK	202+400
Excavation	0.0 m
Shoulder Cut	0.2 m
Embankment	0.0 m
Shoulder	0.0 m
Shoulder	0.0 m
Shoulder	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	5.2 m
Left Side	5.2 m
Right Side	2.7 m

PK202+400
GH=97.67
PH=98.714



PK	202+750
Excavation	0.0 m
200234467501	0.0 m
200234467502	0.1 m
Enchantment	0.0 m
200234467503	0.0 m
200234467504	0.0 m
200234467505	0.0 m
200234467506	0.0 m
200234467507	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Enchantment Slope	4.8 m
Left Slope	4.8 m
Right Slope	3.9 m

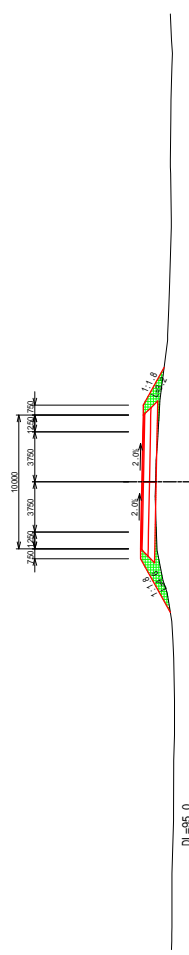
PK202+750
GH=98.07
PH=99.164



DL=95.0

PK	202+650
Excavation	0.0 m
200234467501	0.0 m
200234467502	0.1 m
Enchantment	0.0 m
200234467503	0.0 m
200234467504	0.0 m
200234467505	0.0 m
200234467506	0.0 m
200234467507	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Enchantment Slope	4.8 m
Left Slope	4.8 m
Right Slope	3.2 m

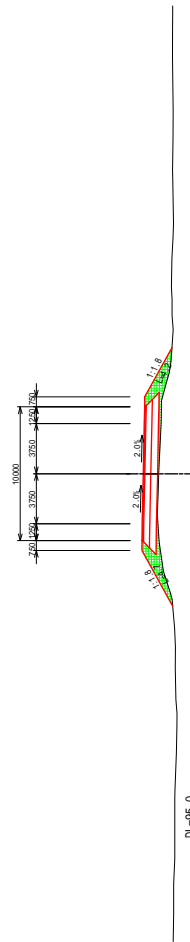
PK202+650
GH=97.83
PH=98.864



DL=95.0

PK	202+700
Excavation	0.0 m
200234467501	0.0 m
200234467502	0.0 m
Enchantment	0.0 m
200234467503	0.0 m
200234467504	0.0 m
200234467505	0.0 m
200234467506	0.0 m
200234467507	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Enchantment Slope	4.7 m
Left Slope	4.7 m
Right Slope	4.2 m

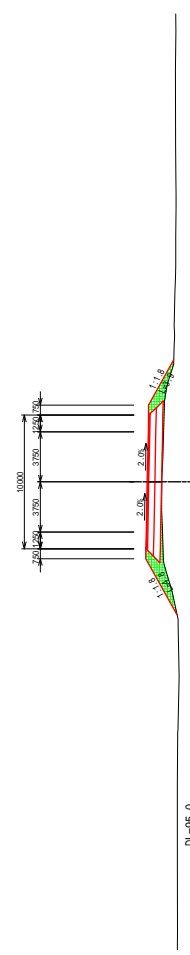
PK202+700
GH=97.86
PH=99.014



DL=95.0

PK	202+600
Excavation	0.0 m
200234467501	0.0 m
200234467502	0.0 m
Enchantment	0.0 m
200234467503	0.0 m
200234467504	0.0 m
200234467505	0.0 m
200234467506	0.0 m
200234467507	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Enchantment Slope	4.9 m
Left Slope	4.9 m
Right Slope	3.9 m

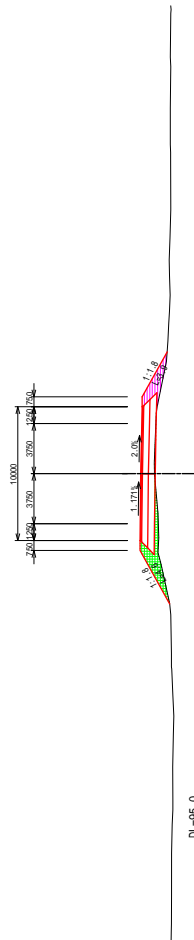
PK202+600
GH=97.63
PH=98.714



DL=95.0

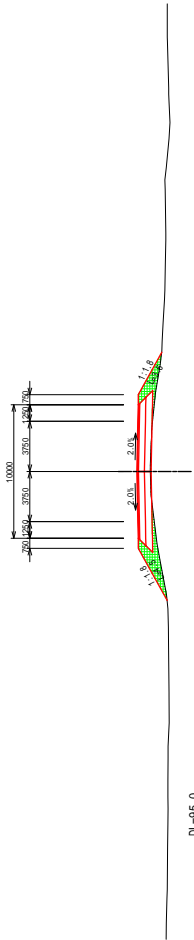
PK	202+850
Excavation	0.0 m
200234467501	0.0 m
200234467502	0.3 m
Enbankment	
200234467503	0.0 m
200234467504	2.1 m
200234467505	0.4 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	4.8 m
Left Slope	4.8 m
Right Slope	3.8 m

PK202+850
GH=98.44
PH=99.464



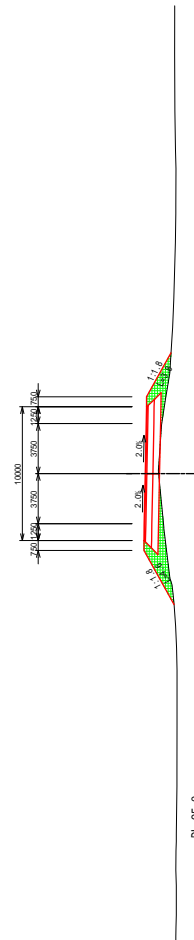
PK	202+950
Excavation	0.0 m
200234467501	0.0 m
200234467502	0.3 m
Enbankment	
200234467503	0.0 m
200234467504	0.4 m
200234467505	0.4 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	4.8 m
Left Slope	4.8 m
Right Slope	3.8 m

PK202+950
GH=98.75
PH=99.764



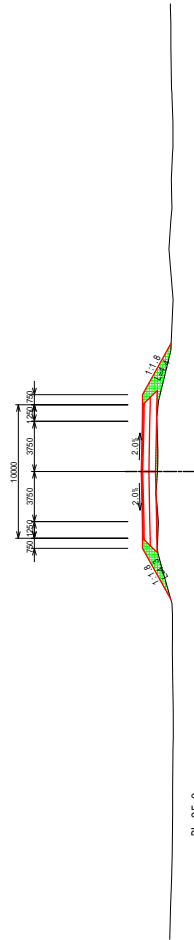
PK	202+800
Excavation	0.0 m
200234467501	0.1 m
200234467502	0.0 m
Enbankment	
200234467503	0.0 m
200234467504	8.0 m
200234467505	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	4.6 m
Left Slope	4.6 m
Right Slope	3.8 m

PK202+800
GH=98.32
PH=99.314



PK	202+900
Excavation	0.0 m
200234467501	0.0 m
200234467502	0.0 m
Enbankment	
200234467503	0.0 m
200234467504	0.0 m
200234467505	0.2 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	4.3 m
Left Slope	4.3 m
Right Slope	4.4 m

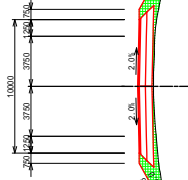
PK202+900
GH=98.40
PH=99.614



	REPUBLIQUE DE DJIBOUTI MINISTERE DE L'EQUIPEMENT ET DES TRANSPORTS DIRECTION DE L'EQUIPEMENT		JAPAN INTERNATIONAL COOPERATION AGENCY YACHIYO ENGINEERING CO., LTD.	THE PREPARATORY SURVEY FOR THE PROJECT FOR UPGRADING OF NATIONAL ROAD ROUTE 1 IN THE REPUBLIC OF DJIBOUTI	SHEET CONTENTS CROSS SECTION PK202+800 ~ PK202+950	SCALE S=1:400	DATE NOV 2018	PAGE NO. 47 / 131

PK 203+150	
Excavation	0.0 m
Open Cut	0.0 m
Embankment	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	4.0 m
Left Side	4.0 m
Right Side	4.0 m

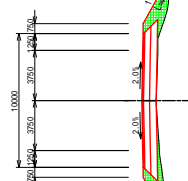
PK203+150
 GH=99.18
 PH=100.364



DL=95.0

PK 203+50	
Excavation	0.0 m
Open Cut	0.0 m
Embankment	0.0 m
Length of Excavation Slope	7.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	3.9 m
Left Side	3.9 m
Right Side	4.2 m

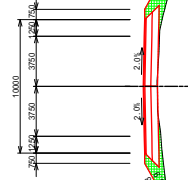
PK203+50
 GH=98.98
 PH=100.064



DL=95.0

PK 203+100	
Excavation	0.0 m
Open Cut	0.1 m
Embankment	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	3.9 m
Left Side	3.9 m
Right Side	4.5 m

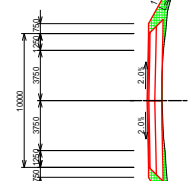
PK203+100
 GH=99.17
 PH=100.214



DL=95.0

PK 203+0	
Excavation	0.0 m
Open Cut	0.0 m
Embankment	0.0 m
Length of Excavation Slope	8.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	3.3 m
Left Side	3.3 m
Right Side	4.2 m

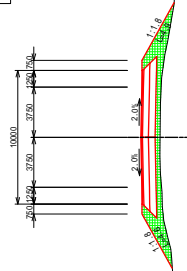
PK203
 GH=98.78
 PH=99.914



DL=95.0

PK 203+250	
Excavation	0.0 m
Shoulder Slope	0.0 m
Embankment	0.0 m
Shoulder Slope	0.0 m
Excavation	0.0 m
Shoulder Slope	1:1.5
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	4.8 m
Left Side	4.8 m
Right Side	4.8 m

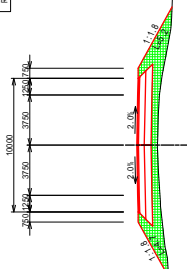
PK203+250
GH=99.22
PH=100.664



DL=95.0

PK 203+350	
Excavation	0.0 m
Shoulder Slope	0.0 m
Embankment	0.0 m
Shoulder Slope	0.0 m
Excavation	0.0 m
Shoulder Slope	1:1.5
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	4.7 m
Left Side	4.7 m
Right Side	4.7 m

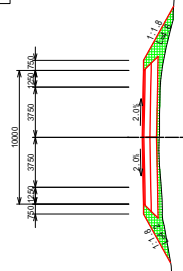
PK203+350
GH=99.41
PH=100.964



DL=95.0

PK 203+200	
Excavation	0.0 m
Shoulder Slope	0.0 m
Embankment	0.0 m
Shoulder Slope	0.0 m
Excavation	0.0 m
Shoulder Slope	1:1.5
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	4.2 m
Left Side	4.2 m
Right Side	4.2 m

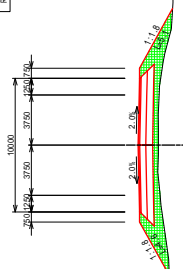
PK203+200
GH=99.22
PH=100.514



DL=95.0

PK 203+300	
Excavation	0.0 m
Shoulder Slope	0.0 m
Embankment	0.0 m
Shoulder Slope	0.0 m
Excavation	0.0 m
Shoulder Slope	1:1.5
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	4.6 m
Left Side	4.6 m
Right Side	4.6 m

PK203+300
GH=99.30
PH=100.814



DL=95.0



REPUBLIQUE DE DJIBOUTI
MINISTRE DE L'EQUIPEMENT ET DES TRANSPORTS
DIRECTION DE L'EQUIPEMENT



JAPAN INTERNATIONAL COOPERATION AGENCY
YACHIYO ENGINEERING CO., LTD.

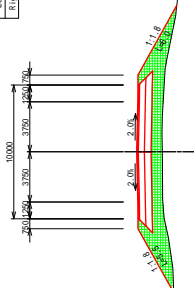
THE PREPARATORY SURVEY FOR
THE PROJECT FOR
UPGRADING OF NATIONAL ROAD ROUTE 1
IN THE REPUBLIC OF DJIBOUTI

SHEET CONTENTS
CROSS SECTION
PK203+200 ~ PK203+350

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PK 203+550	
Excavation	
Depth	0.0 m
Length	0.0 m
Embankment	
Height	0.0 m
Length	0.0 m
Width	20.0 m
Length of Excavation Slope	
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	
Left Side	5.5 m
Right Side	6.0 m

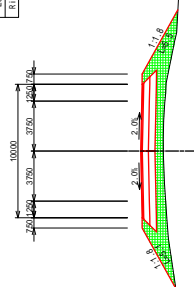
PK203+550
 GH=99.66
 PH=101.564



DL=95.0

PK 203+450	
Excavation	
Depth	0.0 m
Length	0.0 m
Embankment	
Height	0.0 m
Length	0.0 m
Width	17.0 m
Length of Excavation Slope	
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	
Left Side	5.1 m
Right Side	5.0 m

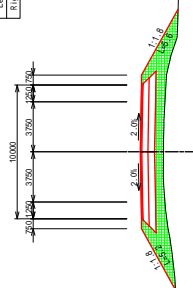
PK203+450
 GH=99.56
 PH=101.264



DL=95.0

PK 203+500	
Excavation	
Depth	0.0 m
Length	0.0 m
Embankment	
Height	0.0 m
Length	0.0 m
Width	17.0 m
Length of Excavation Slope	
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	
Left Side	5.2 m
Right Side	5.6 m

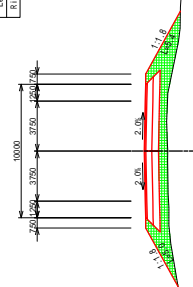
PK203+500
 GH=99.67
 PH=101.414





DL=95.0

PK 203+400	
Excavation	
Depth	0.0 m
Length	0.0 m
Embankment	
Height	0.0 m
Length	0.0 m
Width	18.0 m
Length of Excavation Slope	
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	
Left Side	5.0 m
Right Side	5.4 m

PK203+400
 GH=99.35
 PH=101.114

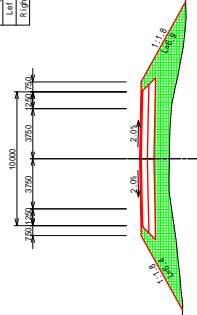


DL=95.0

 REPUBLIQUE DE DJIBOUTI MINISTERE DE L'EQUIPEMENT ET DES TRANSPORTS DIRECTION DE L'EQUIPEMENT	 JAPAN INTERNATIONAL COOPERATION AGENCY YACHIYO ENGINEERING CO., LTD.	THE PREPARATORY SURVEY FOR THE PROJECT FOR UPGRADING OF NATIONAL ROAD ROUTE 1 IN THE REPUBLIC OF DJIBOUTI		SHEET CONTENTS CROSS SECTION PK203+400 ~ PK203+550	SCALE S=1:400
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PK	203+750
Excavation	0.0 m
Subgrade	0.0 m
Enbankment	0.0 m
Length of Enbankment Slope	30.7 m
Left Slope	0.0 n
Right Slope	6.8 n

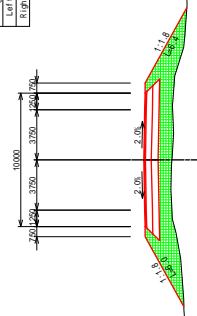
PK203+750
GH=89.95
PH=102.164



DL=95.0

PK	203+650
Excavation	0.0 m
Subgrade	0.0 m
Enbankment	0.0 m
Length of Enbankment Slope	30.7 m
Left Slope	0.0 n
Right Slope	6.4 n

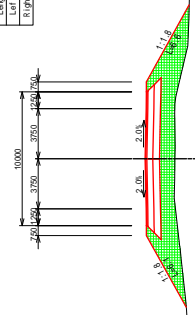
PK203+650
GH=89.76
PH=101.864



DL=95.0

PK	203+700
Excavation	0.0 m
Subgrade	0.0 m
Enbankment	0.0 m
Length of Enbankment Slope	26.3 m
Left Slope	0.0 n
Right Slope	6.1 n

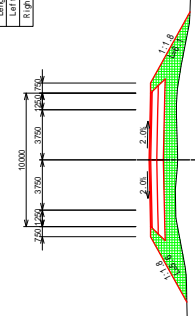
PK203+700
GH=89.79
PH=102.014



DL=95.0

PK	203+600
Excavation	0.0 m
Subgrade	0.0 m
Enbankment	0.0 m
Length of Enbankment Slope	22.8 m
Left Slope	0.0 n
Right Slope	6.1 n

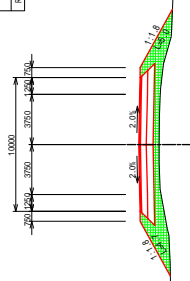
PK203+600
GH=89.59
PH=101.714



DL=95.0

PK	203+850
Excavation	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Subgrade	0.0 m
Length of Enbankment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	0.0 m
Left Slope	4.7 n
Right Slope	5.0 n

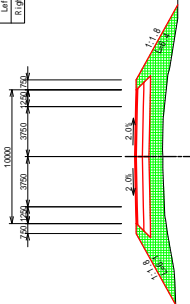
PK203+850
GH=100.07
PH=102.164



DL=95.0

PK	203+850
Excavation	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Subgrade	0.0 m
Length of Enbankment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	6.1 n
Left Slope	0.4 n

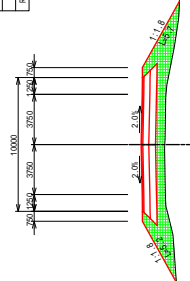
PK203+850
GH=100.07
PH=102.164



DL=95.0

PK	203+900
Excavation	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Subgrade	0.0 m
Length of Enbankment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	5.2 n
Left Slope	5.2 n

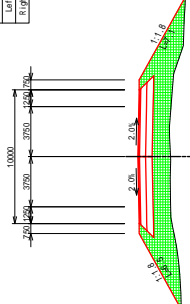
PK203+900
GH=100.25
PH=102.014



DL=95.0

PK	203+800
Excavation	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Subgrade	0.0 m
Length of Enbankment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	6.5 n
Left Slope	7.1 n

PK203+800
GH=99.82
PH=102.261

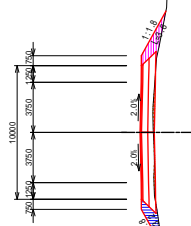


DL=95.0

	REPUBLIQUE DE DJIBOUTI MINISTERE DE L'EQUIPEMENT ET DES TRANSPORTS DIRECTION DE L'EQUIPEMENT		JAPAN INTERNATIONAL COOPERATION AGENCY YACHIYO ENGINEERING CO., LTD.	THE PREPARATORY SURVEY FOR THE PROJECT FOR UPGRADING OF NATIONAL ROAD ROUTE 1 IN THE REPUBLIC OF DJIBOUTI	SHEET CONTENTS CROSS SECTION PK203+800 ~ PK203+950	SCALE S=1:400	DATE NOV 2018	PAGE NO. 52 / 131

PK	204+50
Excavation	0.0 m
Spillway	0.7 m
Enbankment	1.9 m
Left Slope	2.0 m
Right Slope	2.0 m
Length of Excavation Slope	0.0 m
Length of Enbankment Slope	0.0 m
Left Slope	3.2 m
Right Slope	3.8 m

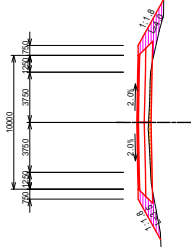
PK204+50
GH=100.61
PH=101.617



DL=95.0

PK	204+150
Excavation	0.0 m
Spillway	1.3 m
Enbankment	0.0 m
Left Slope	2.0 m
Right Slope	2.0 m
Length of Excavation Slope	0.0 m
Length of Enbankment Slope	0.0 m
Left Slope	3.5 m
Right Slope	4.0 m

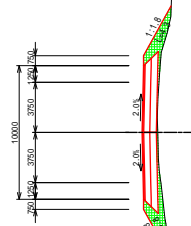
PK204+150
GH=100.98
PH=101.864



DL=95.0

PK	204+0
Excavation	0.0 m
Spillway	0.0 m
Enbankment	0.0 m
Left Slope	2.5 m
Right Slope	4.0 m
Length of Excavation Slope	0.0 m
Length of Enbankment Slope	0.0 m
Left Slope	3.8 m
Right Slope	4.3 m

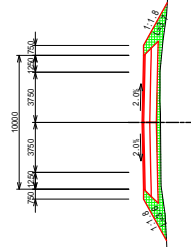
PK204
GH=100.55
PH=101.714



DL=95.0

PK	204+100
Excavation	0.0 m
Spillway	0.0 m
Enbankment	0.0 m
Left Slope	2.5 m
Right Slope	4.0 m
Length of Excavation Slope	3.3 m
Length of Enbankment Slope	0.0 m
Left Slope	3.6 m
Right Slope	3.7 m

PK204+100
GH=100.34
PH=101.714



DL=95.0



REPUBLIQUE DE DJIBOUTI
MINISTRE DE L'EQUIPEMENT ET DES TRANSPORTS
DIRECTION DE L'EQUIPEMENT



JAPAN INTERNATIONAL COOPERATION AGENCY
YACHIYO ENGINEERING CO., LTD.

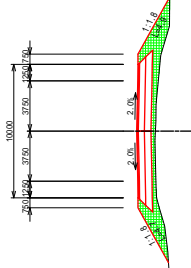
THE PREPARATORY SURVEY FOR
THE PROJECT FOR
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SHEET CONTENTS
CROSS SECTION
PK204+000 ~ PK204+150

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PK	204+250
Excavation	0.0 m
Shoulder Slope	0.0 m
Enchantment	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Length of Enchantment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enchantment Slope	0.0 m
Left Side	4.3 m
Right Side	4.3 m

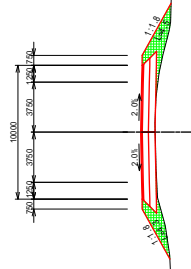
PK204+250
 GH=101.08
 PH=102.164



DL=95.0

PK	204+350
Excavation	0.0 m
Shoulder Slope	0.0 m
Enchantment	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Length of Enchantment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enchantment Slope	0.0 m
Left Side	4.7 m
Right Side	4.8 m

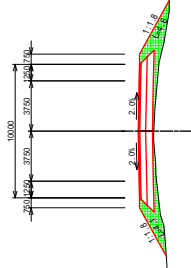
PK204+350
 GH=101.08
 PH=102.464



DL=95.0

PK	204+200
Excavation	0.0 m
Shoulder Slope	1.0 m
Enchantment	0.0 m
Shoulder Slope	5.8 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Length of Enchantment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enchantment Slope	0.0 m
Left Side	3.8 m
Right Side	4.1 m

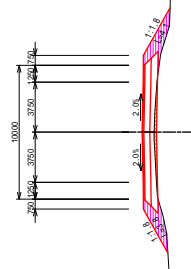
PK204+200
 GH=101.12
 PH=102.014



DL=95.0

PK	204+300
Excavation	0.0 m
Shoulder Slope	0.0 m
Enchantment	0.0 m
Shoulder Slope	2.8 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Length of Enchantment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enchantment Slope	0.0 m
Left Side	4.1 m
Right Side	4.6 m

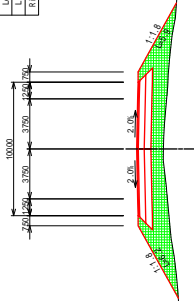
PK204+300
 GH=101.13
 PH=102.314



DL=95.0

PK 204+550	
Excavation	0.0 m
200% Slope Soil	0.0 m
300% Slope Soil	0.0 m
Embankment	0.0 m
2.5 m = 4.0	0.0 m
2.5 m = 6.0	0.0 m
2.5 m = 8.0	0.0 m
2.5 m = 10.0	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m

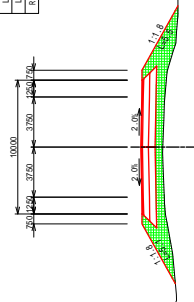
PK204+550
 GH=101.07
 PH=103.064



DL=95.0

PK 204+450	
Excavation	0.0 m
200% Slope Soil	0.0 m
300% Slope Soil	0.0 m
Embankment	0.0 m
2.5 m = 4.0	0.0 m
2.5 m = 6.0	0.0 m
2.5 m = 8.0	0.0 m
2.5 m = 10.0	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m

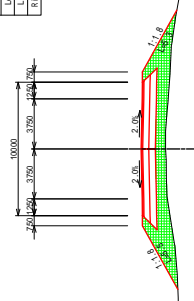
PK204+450
 GH=101.11
 PH=102.764



DL=95.0

PK 204+500	
Excavation	0.0 m
200% Slope Soil	0.0 m
300% Slope Soil	0.0 m
Embankment	0.0 m
2.5 m = 4.0	0.0 m
2.5 m = 6.0	0.0 m
2.5 m = 8.0	0.0 m
2.5 m = 10.0	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m

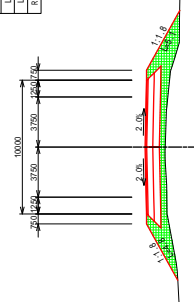
PK204+500
 GH=101.09
 PH=102.914



DL=95.0

PK 204+400	
Excavation	0.0 m
200% Slope Soil	0.0 m
300% Slope Soil	0.0 m
Embankment	0.0 m
2.5 m = 4.0	0.0 m
2.5 m = 6.0	0.0 m
2.5 m = 8.0	0.0 m
2.5 m = 10.0	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m

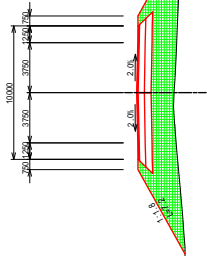
PK204+400
 GH=101.11
 PH=102.614



DL=95.0

PK	204+750
Excavation	0.0 m
Shoulder Slope	0.0 m
Enbankment	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	40.2 m
Length of Enbankment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	7.2 m
Left Slope	7.2 m
Right Slope	7.3 m

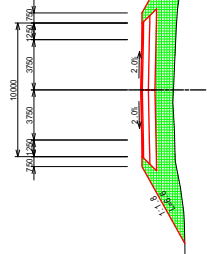
PK204+750
 GH=100.87
 PH=103.664



DL=95.0

PK	204+650
Excavation	0.0 m
Shoulder Slope	0.0 m
Enbankment	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	30.0 m
Length of Enbankment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	6.8 m
Left Slope	6.8 m
Right Slope	6.8 m

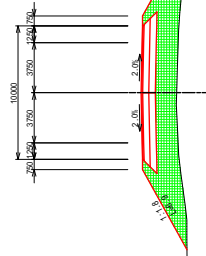
PK204+650
 GH=100.91
 PH=103.364



DL=95.0

PK	204+700
Excavation	0.0 m
Shoulder Slope	0.0 m
Enbankment	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	35.0 m
Length of Enbankment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	6.9 m
Left Slope	6.9 m
Right Slope	7.4 m

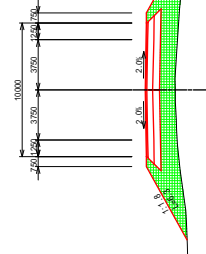
PK204+700
 GH=100.86
 PH=103.514



DL=95.0

PK	204+600
Excavation	0.0 m
Shoulder Slope	0.0 m
Enbankment	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	28.0 m
Length of Enbankment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	6.3 m
Left Slope	6.3 m
Right Slope	6.5 m

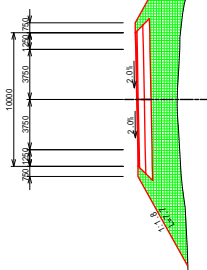
PK204+600
 GH=100.96
 PH=103.214



DL=95.0

PK	204+850
Excavation	0.0 m
Shoulder	0.0 m
Enchantment	0.0 m
Length of Enchantment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enchantment Slope	7.7 m
Left Slope	8.2 n
Right Slope	8.8 n

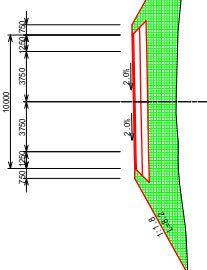
PK204+850
 GH=100.71
 PH=103.911



DL=95.0

PK	204+950
Excavation	0.0 m
Shoulder	0.0 m
Enchantment	0.0 m
Length of Enchantment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enchantment Slope	7.7 m
Left Slope	8.2 n
Right Slope	8.8 n

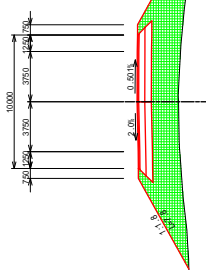
PK204+950
 GH=100.63
 PH=103.664



DL=95.0

PK	204+800
Excavation	0.0 m
Shoulder	0.0 m
Enchantment	0.0 m
Length of Enchantment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enchantment Slope	7.8 m
Left Slope	8.5 n
Right Slope	8.5 n

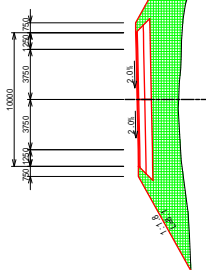
PK204+800
 GH=100.72
 PH=103.814



DL=95.0

PK	204+900
Excavation	0.0 m
Shoulder	0.0 m
Enchantment	0.0 m
Length of Enchantment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enchantment Slope	8.1 m
Left Slope	9.1 n
Right Slope	9.8 n

PK204+900
 GH=100.71
 PH=103.814



DL=95.0



REPUBLIQUE DE DJIBOUTI
 MINISTERE DE L'EQUIPEMENT ET DES TRANSPORTS
 DIRECTION DE L'EQUIPEMENT



JAPAN INTERNATIONAL COOPERATION AGENCY
 YACHIYO ENGINEERING CO., LTD.

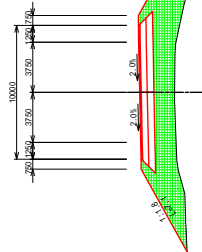
THE PREPARATORY SURVEY FOR
 THE PROJECT FOR
 UPGRADING OF NATIONAL ROAD ROUTE 1
 IN THE REPUBLIC OF DJIBOUTI

SHEET CONTENTS
 CROSS SECTION
 PK204+800 ~ PK204+950

SCALE S=1:400
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PK	205+150
Excavation	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Excavation	0.0 m
Length of Enbankment	42.2 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	7.1 m
Right Side	8.4 m

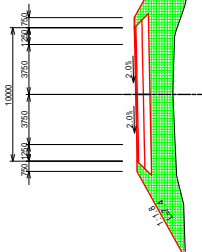
PK205+150
 GH=100.45
 PH=103.064



DL=95.0

PK	205+50
Excavation	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Excavation	0.0 m
Length of Enbankment	42.2 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	7.8 m
Right Side	8.8 m

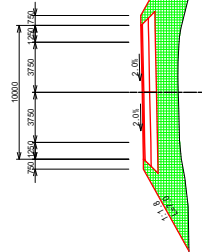
PK205+50
 GH=100.57
 PH=103.384



DL=95.0

PK	205+100
Excavation	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Excavation	0.0 m
Length of Enbankment	42.2 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	7.0 m
Right Side	8.6 m

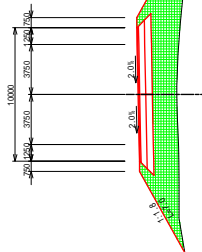
PK205+100
 GH=100.51
 PH=103.214



DL=95.0

PK	205+0
Excavation	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Excavation	0.0 m
Length of Enbankment	42.2 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	7.0 m
Right Side	8.2 m

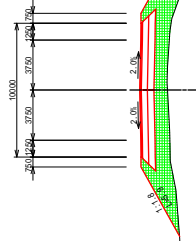
PK205
 GH=100.61
 PH=103.514



DL=95.0

PK	205+250
Excavation	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enbankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m

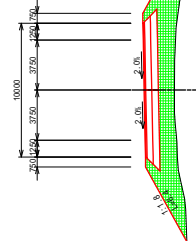
PK205+250
 GH=100.39
 PH=102.764



DL=95.0

PK	205+300
Excavation	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enbankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m

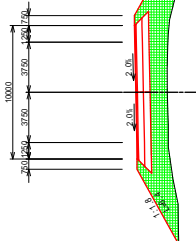
PK205+300
 GH=100.34
 PH=102.614



DL=95.0

PK	205+200
Excavation	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enbankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m

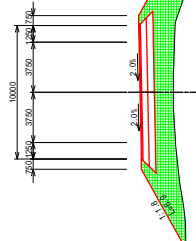
PK205+200
 GH=100.43
 PH=102.914



DL=95.0

PK	205+350
Excavation	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enbankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m

PK205+350
 GH=100.39
 PH=102.764

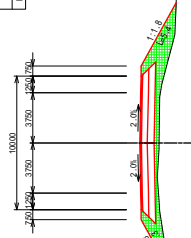


DL=95.0

	REPUBLIQUE DE DJIBOUTI MINISTERE DE L'EQUIPEMENT ET DES TRANSPORTS DIRECTION DE L'EQUIPEMENT	 	JAPAN INTERNATIONAL COOPERATION AGENCY YACHIYO ENGINEERING CO., LTD.	THE PREPARATORY SURVEY FOR THE PROJECT FOR UPGRADING OF NATIONAL ROAD ROUTE 1 IN THE REPUBLIC OF DJIBOUTI	SHEET CONTENTS CROSS SECTION PK205+200 ~ PK205+350	SCALE S=1:400	DATE NOV 2018	PAGE NO. 59 / 131

PK 205+550	
Excavation	0.0 m
Shoulder Coat	0.0 m
Embankment	0.0 m
Length of Embankment Slope	0.0 m
Left Slope	1:1
Right Slope	1:1.8
Length of Embankment Slope	0.0 m
Left Slope	4.3 m
Right Slope	5.4 m

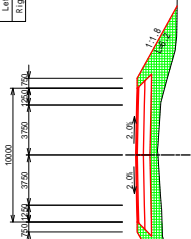
PK205+550
 GH=100.42
 PH=101.864



DL=95.0

PK 205+450	
Excavation	0.0 m
Shoulder Coat	0.0 m
Embankment	0.0 m
Length of Embankment Slope	20.0 m
Left Slope	1:1
Right Slope	1:1.8
Length of Embankment Slope	5.4 m
Left Slope	6.2 m

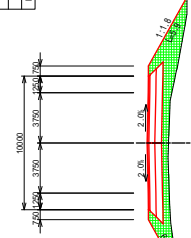
PK205+450
 GH=100.50
 PH=102.164



DL=95.0

PK 205+500	
Excavation	0.0 m
Shoulder Coat	0.0 m
Embankment	0.0 m
Length of Embankment Slope	0.0 m
Left Slope	1:1
Right Slope	1:1.8
Length of Embankment Slope	4.9 m
Left Slope	5.9 m

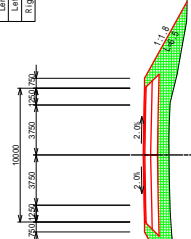
PK205+500
 GH=100.42
 PH=102.014



DL=95.0

PK 205+400	
Excavation	0.0 m
Shoulder Coat	0.0 m
Embankment	0.0 m
Length of Embankment Slope	20.0 m
Left Slope	1:1
Right Slope	1:1.8
Length of Embankment Slope	6.5 m
Left Slope	6.5 m

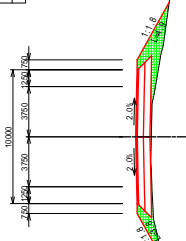
PK205+400
 GH=100.38
 PH=102.314



DL=95.0

PK	205+750
Excavation	0.0 m
2000/3000/5000	0.0 m
Enchantment	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enchantment Slope	3.4 m
Left Slope	3.4 n
Right Slope	4.9 m

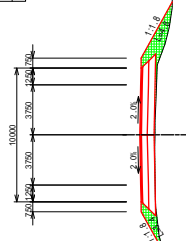
PK205+750
GH=101.00
PH=102.164



DL=95.0

PK	205+650
Excavation	0.0 m
2000/3000/5000	0.0 m
Enchantment	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enchantment Slope	3.4 m
Left Slope	3.4 n
Right Slope	4.9 m

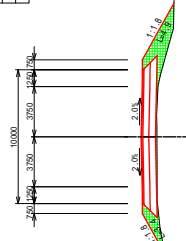
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GH=100.73
PH=101.884



DL=95.0

PK	205+700
Excavation	0.0 m
2000/3000/5000	0.0 m
Enchantment	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enchantment Slope	3.4 m
Left Slope	3.4 n
Right Slope	4.9 m

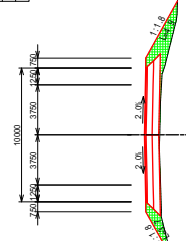
PK205+700
GH=100.84
PH=102.014



DL=95.0

PK	205+600
Excavation	0.0 m
2000/3000/5000	0.0 m
Enchantment	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enchantment Slope	3.7 m
Left Slope	3.7 n
Right Slope	4.9 m

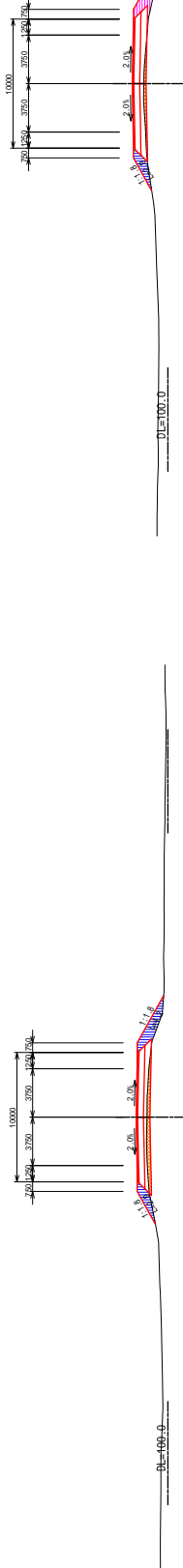
PK205+600
GH=100.62
PH=101.787



DL=95.0

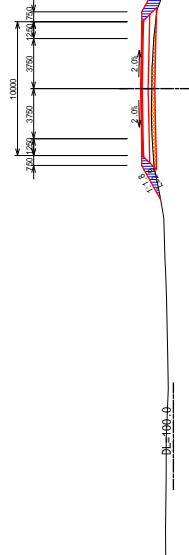
PK 205+850	
Excavation	0.0 m
Shoulder	2.5 m
Enbankment	4.1 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	2.9 m
Left Slope	2.9 n
Right Slope	4.2 n

PK205+850
 Gh=101.64
 Ph=102.464



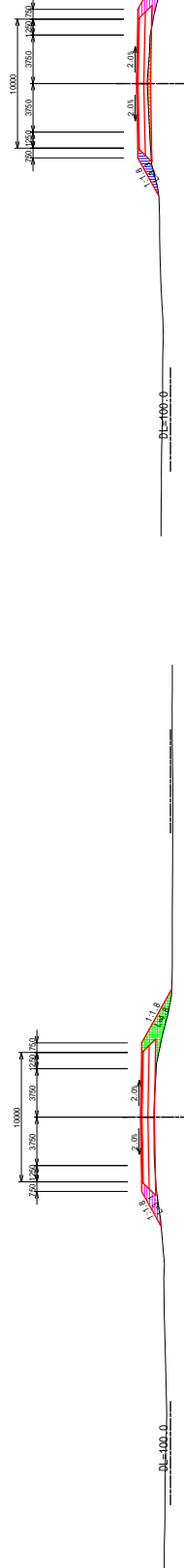
PK 205+850	
Excavation	0.0 m
Shoulder	2.5 m
Enbankment	4.1 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	2.9 m
Left Slope	2.9 n
Right Slope	4.2 n

PK205+850
 Gh=101.64
 Ph=102.464



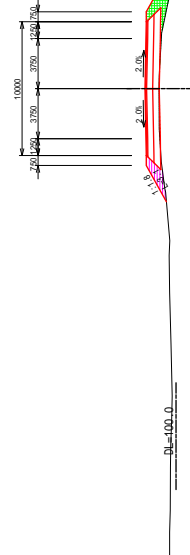
PK 205+900	
Excavation	0.0 m
Shoulder	1.6 m
Enbankment	1.7 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	3.3 m
Left Slope	3.3 n
Right Slope	4.2 n

PK205+900
 Gh=101.78
 Ph=102.614



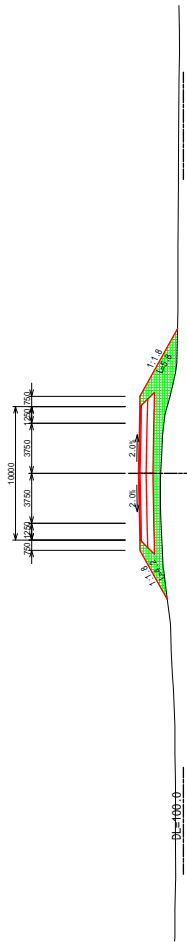
PK 205+800	
Excavation	0.0 m
Shoulder	0.2 m
Enbankment	0.0 m
Length of Excavation Slope	1.9 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	3.1 m
Left Slope	3.1 n
Right Slope	4.3 n

PK205+800
 Gh=101.27
 Ph=102.314



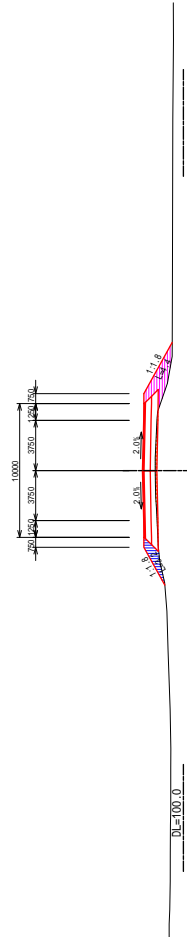
PK 206+150	
Excavation	0.0 m
Open Cut	0.0 m
Enbankment	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enbankment Slope	4.2 m
Left Side	2.1 m
Right Side	2.1 m

PK206+150
GH=101.70
PH=103.364



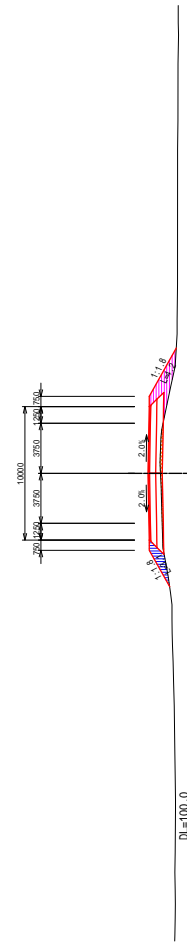
PK 206+50	
Excavation	0.0 m
Open Cut	0.9 m
Enbankment	1.7 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enbankment Slope	3.2 m
Left Side	1.6 m
Right Side	1.6 m

PK206+50
GH=102.12
PH=103.064



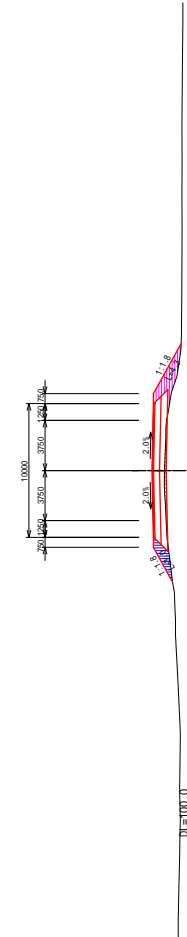
PK 206+100	
Excavation	0.0 m
Open Cut	1.1 m
Enbankment	1.7 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enbankment Slope	3.1 m
Left Side	1.55 m
Right Side	1.55 m

PK206+100
GH=102.28
PH=103.214



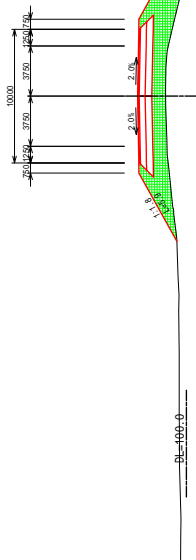
PK 206+0	
Excavation	0.0 m
Open Cut	1.0 m
Enbankment	1.7 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enbankment Slope	3.0 m
Left Side	1.5 m
Right Side	1.5 m

PK206
GH=101.98
PH=102.914



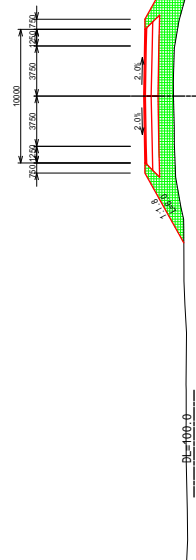
PK 206+350	
Excavation	0.0 m
Shoulder Slope	0.0 m
Embankment	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	2.0 m
Length of Excavation Slope	27.2 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	5.9 m
Left Side	5.9 m
Right Side	0.0 m

PK206+350
 GH=101.36
 PH=103.664



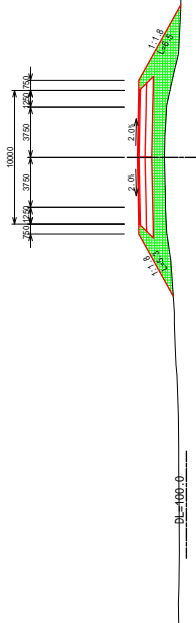
PK 206+300	
Excavation	0.0 m
Shoulder Slope	0.0 m
Embankment	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	2.0 m
Length of Excavation Slope	27.2 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	6.0 m
Left Side	6.0 m
Right Side	0.0 m

PK206+300
 GH=101.32
 PH=103.761



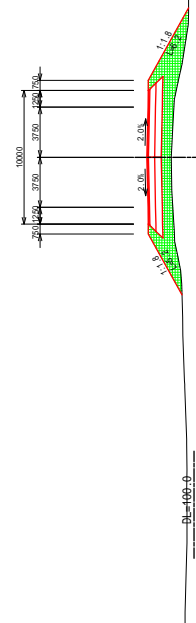
PK 206+250	
Excavation	0.0 m
Shoulder Slope	0.0 m
Embankment	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	2.0 m
Length of Excavation Slope	28.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	5.3 m
Left Side	5.3 m
Right Side	0.0 m

PK206+250
 GH=101.65
 PH=103.664



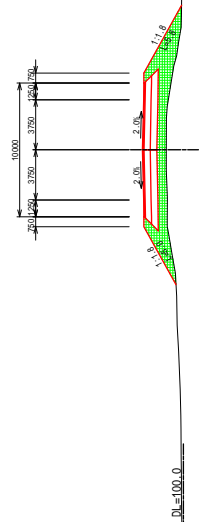
PK 206+200	
Excavation	0.0 m
Shoulder Slope	0.0 m
Embankment	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	2.0 m
Length of Excavation Slope	27.3 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	5.2 m
Left Side	5.2 m
Right Side	0.0 m

PK206+200
 GH=101.69
 PH=103.514



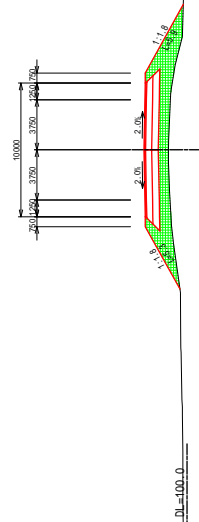
PK 206+550	
Excavation	
Open Slope	0.0 m
Enbankment	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	5.0 m
Left Slope	5.3 m
Right Slope	5.8 m

PK206+550
 GH=101.28
 PH=103.064



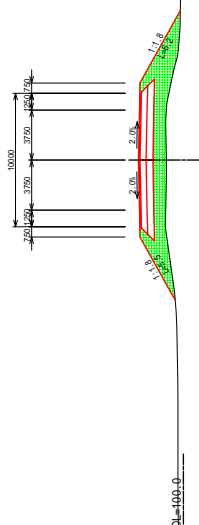
PK 206+500	
Excavation	
Open Slope	0.0 m
Enbankment	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	5.3 m
Left Slope	5.3 m
Right Slope	5.9 m

PK206+500
 GH=101.38
 PH=103.214



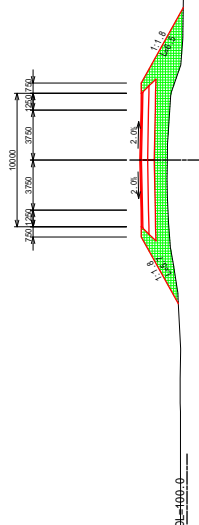
PK 206+450	
Excavation	
Open Slope	0.0 m
Enbankment	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	5.3 m
Left Slope	5.3 m
Right Slope	6.2 m

PK206+450
 GH=101.27
 PH=103.384



PK 206+400	
Excavation	
Open Slope	0.0 m
Enbankment	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	5.7 m
Left Slope	5.7 m
Right Slope	6.5 m

PK206+400
 GH=101.47
 PH=103.514



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 PK206+400 ~ PK206+550

THE PREPARATORY SURVEY FOR
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 IN THE REPUBLIC OF DJIBOUTI

JAPAN INTERNATIONAL COOPERATION AGENCY
 YACHIYO ENGINEERING CO., LTD.

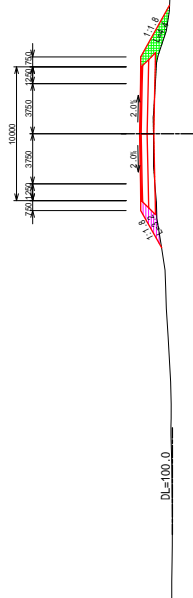
REPUBLIC OF DJIBOUTI
 MINISTERE DE L'EQUIPEMENT ET DES TRANSPORTS
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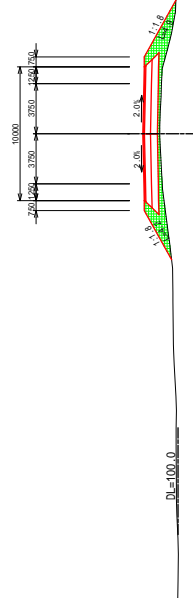
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Elevation	
206+750.00	0.0 m
206+750.30	0.3 m
Enbankment	
206+750.00	0.0 m
206+750.30	0.3 m
206+750.60	0.6 m
206+750.90	0.9 m
206+751.20	1.2 m
206+751.50	1.5 m
206+751.80	1.8 m
206+752.10	2.1 m
206+752.40	2.4 m
Length of Enbankment Slope	
Left Slope	0.0 m
Right Slope	0.0 m
Length of Enbankment Stage	
Left Slope	3.2 m
Right Slope	4.4 m

PK206+750
 GH=101.43
 PH=102.464



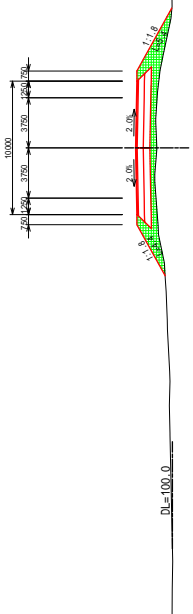
PK 206+700	
Elevation	
206+700.00	0.0 m
206+700.30	0.3 m
Enbankment	
206+700.00	0.0 m
206+700.30	0.3 m
206+700.60	0.6 m
206+700.90	0.9 m
206+701.20	1.2 m
206+701.50	1.5 m
206+701.80	1.8 m
206+702.10	2.1 m
206+702.40	2.4 m
Length of Enbankment Slope	
Left Slope	0.0 m
Right Slope	0.0 m
Length of Enbankment Stage	
Left Slope	4.2 m
Right Slope	4.3 m

PK206+700
 GH=101.35
 PH=102.614



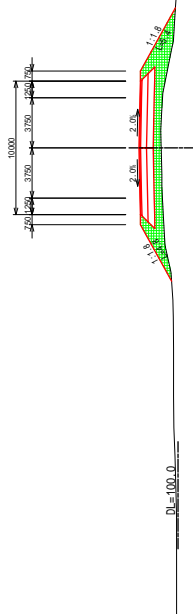
PK 206+650	
Elevation	
206+650.00	0.0 m
206+650.30	0.3 m
Enbankment	
206+650.00	0.0 m
206+650.30	0.3 m
206+650.60	0.6 m
206+650.90	0.9 m
206+651.20	1.2 m
206+651.50	1.5 m
206+651.80	1.8 m
206+652.10	2.1 m
206+652.40	2.4 m
Length of Enbankment Slope	
Left Slope	0.0 m
Right Slope	0.0 m
Length of Enbankment Stage	
Left Slope	4.4 m
Right Slope	5.4 m

PK206+650
 GH=101.18
 PH=102.764



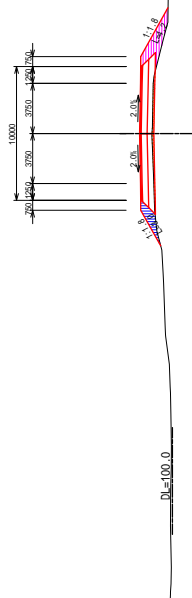
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206+600.30	0.3 m
Enbankment	
206+600.00	0.0 m
206+600.30	0.3 m
206+600.60	0.6 m
206+600.90	0.9 m
206+601.20	1.2 m
206+601.50	1.5 m
206+601.80	1.8 m
206+602.10	2.1 m
206+602.40	2.4 m
Length of Enbankment Slope	
Left Slope	0.0 m
Right Slope	0.0 m
Length of Enbankment Stage	
Left Slope	4.8 m
Right Slope	5.4 m

PK206+600
 GH=101.26
 PH=102.914



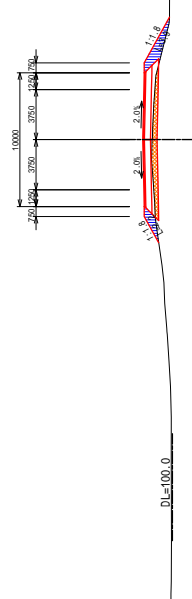
PK 206+850	
Excavation	0.0 m
206+844.500	3.5 m
206+849.500	3.4 m
Enchantment	0.0 m
206+854.500	0.0 m
206+859.500	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enchantment Slope	0.0 m
Left Slope	2.2 n
Right Slope	3.9 n

PK206+850
GH=101.52
PH=102.217



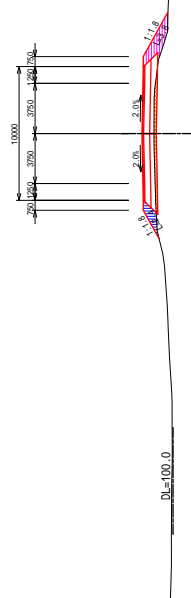
PK 206+850	
Excavation	0.0 m
206+844.500	3.5 m
206+849.500	3.4 m
Enchantment	0.0 m
206+854.500	0.0 m
206+859.500	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enchantment Slope	0.0 m
Left Slope	2.2 n
Right Slope	3.9 n

PK206+850
GH=101.52
PH=102.217



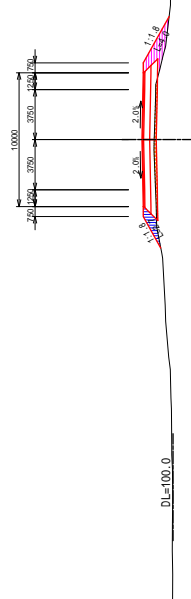
PK 206+900	
Excavation	0.0 m
206+844.500	1.8 m
206+849.500	1.2 m
Enchantment	0.0 m
206+854.500	2.7 m
206+859.500	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enchantment Slope	0.0 m
Left Slope	2.4 n
Right Slope	3.8 n

PK206+900
GH=101.41
PH=102.314



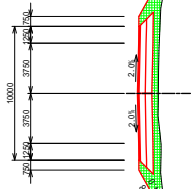
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Excavation	0.0 m
206+844.500	1.5 m
206+849.500	1.3 m
Enchantment	0.0 m
206+854.500	3.0 m
206+859.500	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enchantment Slope	0.0 m
Left Slope	2.7 n
Right Slope	4.0 n

PK206+800
GH=101.40
PH=102.314



PK 207+150	
Excavation	0.0 m
Spillway	0.0 m
Enbankment	0.0 m
Length of Enbankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enbankment Slope	0.0 m
Left Side	4.0 m
Right Side	3.2 m

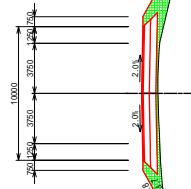
PK207+150
GH=101.50
PH=103.064



DL=100.0

PK 207+50	
Excavation	0.0 m
Spillway	0.0 m
Enbankment	0.0 m
Length of Enbankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enbankment Slope	0.0 m
Left Side	3.7 m
Right Side	4.7 m

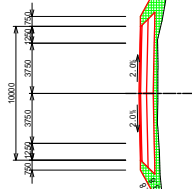
PK207+50
GH=101.53
PH=102.764



DL=100.0

PK 207+100	
Excavation	0.0 m
Spillway	0.0 m
Enbankment	0.0 m
Length of Enbankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enbankment Slope	0.0 m
Left Side	3.8 m
Right Side	4.7 m

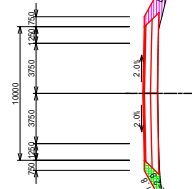
PK207+100
GH=101.50
PH=102.914



DL=100.0

PK 207+0	
Excavation	0.0 m
Spillway	0.0 m
Enbankment	0.0 m
Length of Enbankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enbankment Slope	0.0 m
Left Side	2.9 m
Right Side	4.3 m

PK207
GH=101.50
PH=102.614



DL=100.0



REPUBLIQUE DE DJIBOUTI
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JAPAN INTERNATIONAL COOPERATION AGENCY
YACHIYO ENGINEERING CO., LTD.

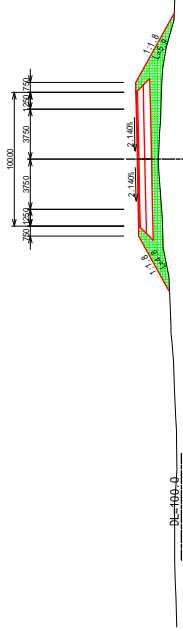
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PK207+000 ~ PK207+150

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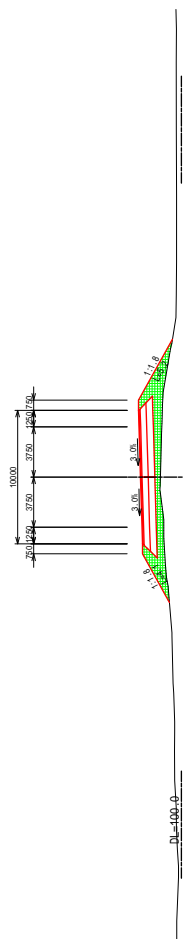
PK 207+250	
Excavation	0.0 m ³
Spill 0.5%	0.0 m ³
Enchantment	0.0 m ³
Spill 1.5%	0.0 m ³
Spill 2.5%	0.0 m ³
Spill 3.5%	0.0 m ³
Spill 4.5%	0.0 m ³
Spill 5.5%	0.0 m ³
Spill 6.5%	0.0 m ³
Spill 7.5%	0.0 m ³
Spill 8.5%	0.0 m ³
Spill 9.5%	0.0 m ³
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	0.0 m
Left Side	4.8 m
Right Side	5.8 m

PK207+250
GH=101.72
PH=103.311



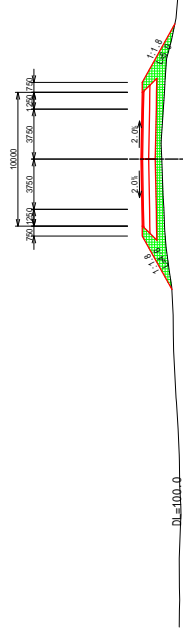
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Excavation	0.0 m ³
Spill 0.5%	0.0 m ³
Enchantment	0.0 m ³
Spill 1.5%	0.0 m ³
Spill 2.5%	0.0 m ³
Spill 3.5%	0.0 m ³
Spill 4.5%	0.0 m ³
Spill 5.5%	0.0 m ³
Spill 6.5%	0.0 m ³
Spill 7.5%	0.0 m ³
Spill 8.5%	0.0 m ³
Spill 9.5%	0.0 m ³
Length of Embankment Slope	0.0 m
Left Side	4.1 m
Right Side	5.2 m

PK207+350
GH=101.58
PH=103.064



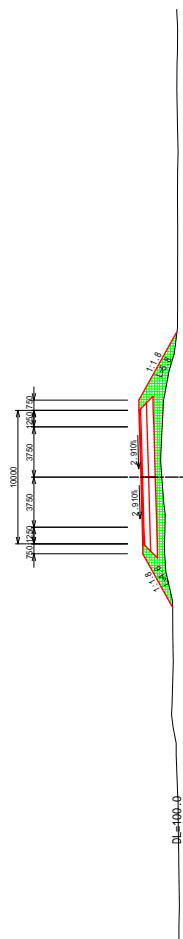
PK 207+200	
Excavation	0.0 m ³
Spill 0.5%	0.0 m ³
Enchantment	0.0 m ³
Spill 1.5%	0.0 m ³
Spill 2.5%	0.0 m ³
Spill 3.5%	0.0 m ³
Spill 4.5%	0.0 m ³
Spill 5.5%	0.0 m ³
Spill 6.5%	0.0 m ³
Spill 7.5%	0.0 m ³
Spill 8.5%	0.0 m ³
Spill 9.5%	0.0 m ³
Length of Embankment Slope	0.0 m
Left Side	4.6 m
Right Side	5.0 m

PK207+200
GH=101.66
PH=103.214



PK 207+300	
Excavation	0.0 m ³
Spill 0.5%	0.0 m ³
Enchantment	0.0 m ³
Spill 1.5%	0.0 m ³
Spill 2.5%	0.0 m ³
Spill 3.5%	0.0 m ³
Spill 4.5%	0.0 m ³
Spill 5.5%	0.0 m ³
Spill 6.5%	0.0 m ³
Spill 7.5%	0.0 m ³
Spill 8.5%	0.0 m ³
Spill 9.5%	0.0 m ³
Length of Embankment Slope	0.0 m
Left Side	4.6 m
Right Side	5.8 m

PK207+300
GH=101.65
PH=103.214



REPUBLIQUE DE DJIBOUTI
MINISTRE DE L'EQUIPEMENT ET DES TRANSPORTS
DIRECTION DE L'EQUIPEMENT

JAPAN INTERNATIONAL COOPERATION AGENCY
YACHIYO ENGINEERING CO., LTD.

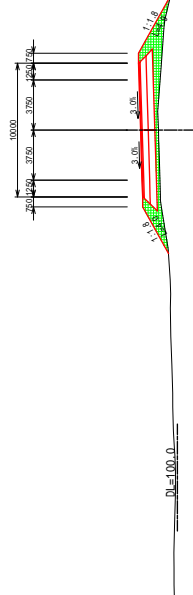
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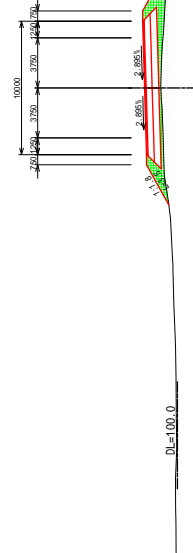
PK 207+450	
Excavation	0.0 m ³
200% Spread Soil	0.0 m ³
Embankment	0.0 m ³
2.5% Spread Soil	0.0 m ³
2.5% Spread Soil	0.0 m ³
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	0.0 m
Left Side	3.5 m
Right Side	4.8 m

PK207+450
GH=101.43
PH=102.764



PK 207+450	
Excavation	0.0 m ³
200% Spread Soil	0.0 m ³
Embankment	0.0 m ³
2.5% Spread Soil	0.0 m ³
2.5% Spread Soil	0.0 m ³
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	0.0 m
Left Side	4.0 m
Right Side	4.9 m

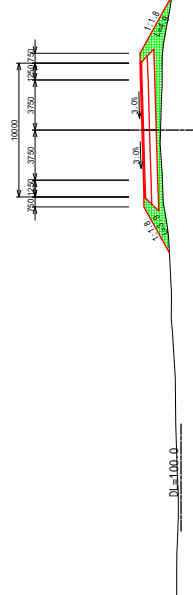
PK207+450
GH=101.43
PH=102.764



PK207+550
GH=101.24
PH=102.464

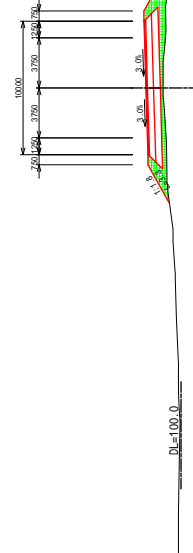
PK 207+400	
Excavation	0.0 m ³
200% Spread Soil	0.0 m ³
Embankment	0.0 m ³
2.5% Spread Soil	0.0 m ³
2.5% Spread Soil	0.0 m ³
Length of Embankment Slope	11.5 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	3.9 m
Left Side	3.9 m
Right Side	4.9 m

PK207+400
GH=101.52
PH=102.914



PK 207+500	
Excavation	0.0 m ³
200% Spread Soil	0.0 m ³
Embankment	0.0 m ³
2.5% Spread Soil	0.0 m ³
2.5% Spread Soil	0.0 m ³
Length of Embankment Slope	3.4 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	3.3 m
Left Side	3.3 m
Right Side	4.5 m

PK207+500
GH=101.33
PH=102.614



REPUBLIQUE DE DJIBOUTI
MINISTRE DE L'EQUIPEMENT ET DES TRANSPORTS
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JAPAN INTERNATIONAL COOPERATION AGENCY
YACHIYO ENGINEERING CO., LTD.

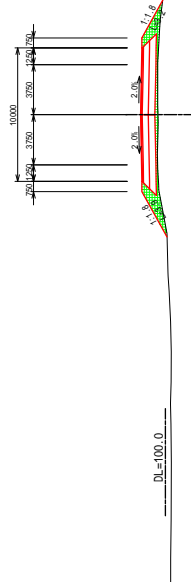
THE PREPARATORY SURVEY FOR
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CROSS SECTION
PK207+400 ~ PK207+550

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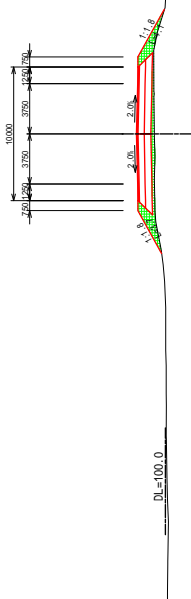
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Excavation	0.0 m
20% Slope Soil	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	0.0 m
Left Side	3.8 m
Right Side	3.2 m

PK207+750
GH=100.56
PH=101.864



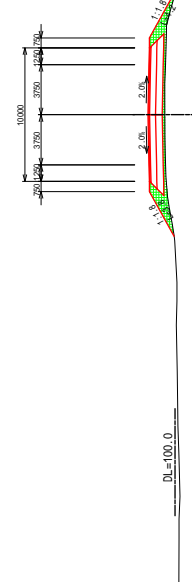
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Excavation	0.0 m
20% Slope Soil	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	0.0 m
Left Side	3.7 m
Right Side	4.1 m

PK207+650
GH=100.83
PH=102.164



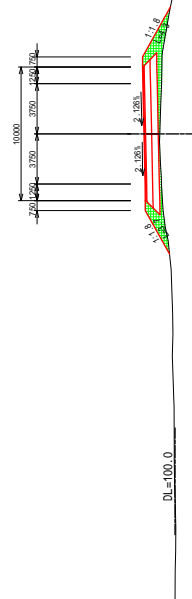
PK 207+700	
Excavation	0.0 m
20% Slope Soil	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Embankment Slope	0.0 m
Left Side	3.8 m
Right Side	4.2 m
Length of Embankment Slope	0.0 m
Left Side	3.8 m
Right Side	4.2 m

PK207+700
GH=100.74
PH=102.014



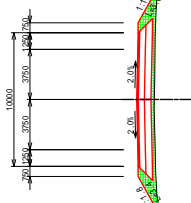
PK 207+600	
Excavation	0.0 m
20% Slope Soil	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Embankment Slope	0.0 m
Left Side	3.7 m
Right Side	4.3 m
Length of Embankment Slope	0.0 m
Left Side	3.7 m
Right Side	4.3 m

PK207+600
GH=101.13
PH=102.314



PK 207+850	
Excavation	0.0 m
Spillway	0.0 m
Enbankment	0.0 m
Length of Separation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Embankment Slope	3.4 m
Right Slope	3.0 m

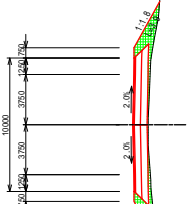
PK207+850
GH=100.40
PH=101.564



DL=95.0

PK 207+850	
Excavation	0.0 m
Spillway	0.0 m
Enbankment	0.0 m
Length of Separation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Embankment Slope	3.3 m
Right Slope	3.0 m

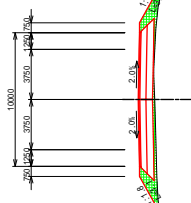
PK207+850
GH=100.40
PH=101.564



DL=95.0

PK 207+900	
Excavation	0.0 m
Spillway	0.0 m
Enbankment	0.0 m
Length of Separation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Embankment Slope	3.1 m
Right Slope	3.7 m

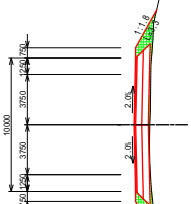
PK207+900
GH=100.18
PH=101.414



DL=95.0

PK 207+800	
Excavation	0.0 m
Spillway	0.0 m
Enbankment	0.0 m
Length of Separation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Embankment Slope	3.4 m
Right Slope	3.3 m

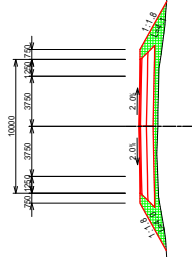
PK207+800
GH=100.53
PH=101.714



DL=95.0

PK	208+150	
Excavation	0.0	mf
Shoulder	0.0	mf
Enbankment	0.0	mf
Length of Excavation Slope	0.0	m
Left Side	0.0	m
Right Side	0.0	m
Length of Enbankment Slope	0.0	m
Left Side	4.0	m
Right Side	4.1	m

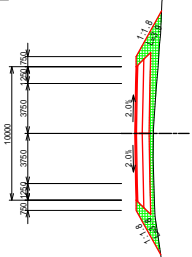
PK208+150
 GH=99.24
 PH=100.664



DL=95.0

PK	208+50	
Excavation	0.0	mf
Shoulder	0.0	mf
Enbankment	0.0	mf
Length of Excavation Slope	0.0	m
Left Side	0.0	m
Right Side	0.0	m
Length of Enbankment Slope	3.8	m
Left Side	3.8	m
Right Side	3.9	m

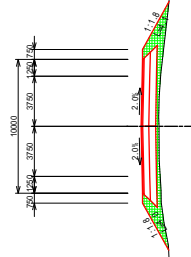
PK208+50
 GH=99.57
 PH=100.964



DL=95.0

PK	208+100	
Excavation	0.0	mf
Shoulder	0.0	mf
Enbankment	0.0	mf
Length of Excavation Slope	0.0	m
Left Side	0.0	m
Right Side	0.0	m
Length of Enbankment Slope	4.0	m
Left Side	4.0	m
Right Side	4.1	m

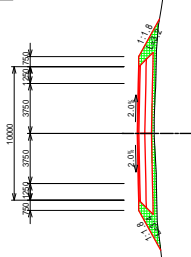
PK208+100
 GH=99.49
 PH=100.814



DL=95.0

PK	208+0	
Excavation	0.0	mf
Shoulder	0.0	mf
Enbankment	0.0	mf
Length of Excavation Slope	0.0	m
Left Side	0.0	m
Right Side	0.0	m
Length of Enbankment Slope	3.4	m
Left Side	3.4	m
Right Side	3.2	m

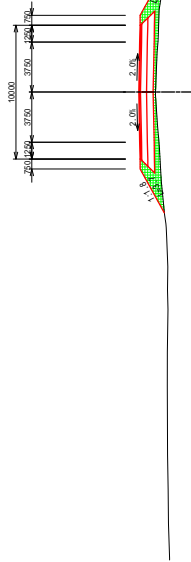
PK208
 GH=99.84
 PH=101.114



DL=95.0

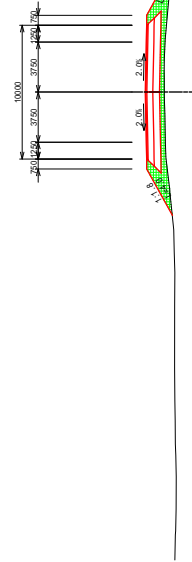
PK	208+350
Excavation	0.0 m
Shoulder Cut	0.0 m
Enbankment	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enbankment Slope	3.7 m
Right Side	3.9 m

PK208+350
GH=98.81
PH=100.064



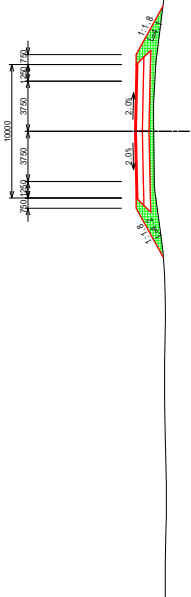
PK	208+300
Excavation	0.0 m
Shoulder Cut	0.0 m
Enbankment	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enbankment Slope	4.0 m
Right Side	3.9 m

PK208+300
GH=98.79
PH=100.214



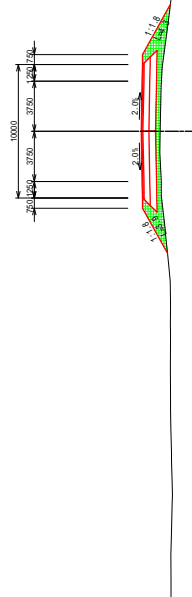
PK	208+250
Excavation	0.0 m
Shoulder Cut	0.0 m
Enbankment	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enbankment Slope	4.2 m
Right Side	4.1 m

PK208+250
GH=98.95
PH=100.364



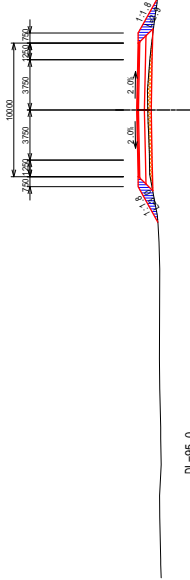
PK	208+200
Excavation	0.0 m
Shoulder Cut	0.0 m
Enbankment	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enbankment Slope	3.9 m
Right Side	4.3 m

PK208+200
GH=99.09
PH=100.514



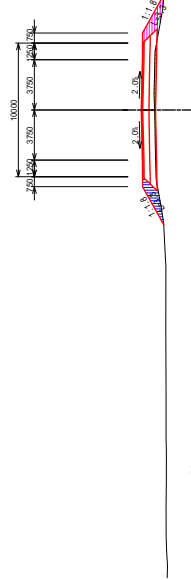
PK	208+550
Excavation	0.0 m
Shoulder Cut	2.3 m
Embankment	3.4 m
Shoulder	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	3.0 m
Left Side	2.9 m
Right Side	2.9 m

PK208+550
GH=98.65
PH=99.464



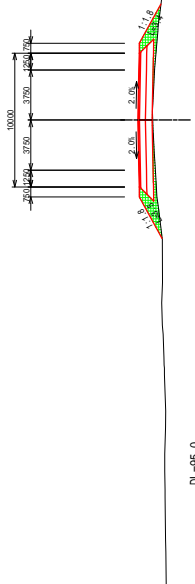
PK	208+500
Excavation	0.0 m
Shoulder Cut	1.0 m
Embankment	1.9 m
Shoulder	2.1 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	3.3 m
Left Side	3.3 m
Right Side	3.3 m

PK208+500
GH=98.61
PH=99.614



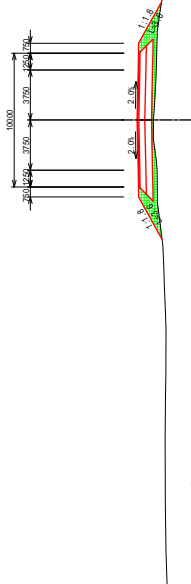
PK	208+450
Excavation	0.0 m
Shoulder Cut	0.0 m
Embankment	0.0 m
Shoulder	5.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	3.8 m
Left Side	3.4 m
Right Side	3.4 m

PK208+450
GH=98.64
PH=99.764



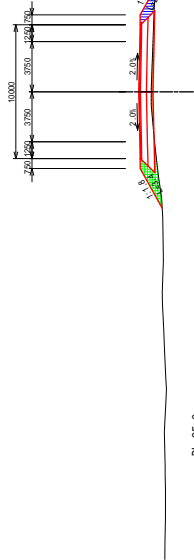
PK	208+400
Excavation	0.0 m
Shoulder Cut	0.0 m
Embankment	0.0 m
Shoulder	2.5 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	3.6 m
Left Side	3.6 m
Right Side	3.6 m

PK208+400
GH=98.70
PH=99.914



PK	208+750
Excavation	0.0 m
208+660.000	0.0 m
208+660.000	0.9 m
Enbankment	1.4 m
208+660.000	0.0 m
208+660.000	0.0 m
Length of Excavation Slope	2.0 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Enbankment Slope	3.8 m
Left Slope	2.8 m
Right Slope	2.8 m

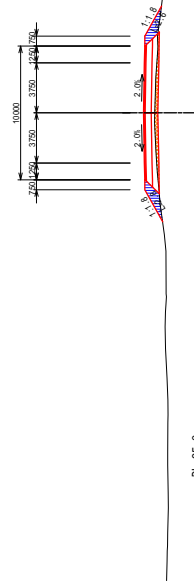
PK208+750
GH=98.91
PH=99.639



DL=95.0

PK	208+650
Excavation	0.0 m
208+660.000	2.0 m
208+660.000	2.9 m
Enbankment	0.0 m
208+660.000	0.0 m
Length of Excavation Slope	2.0 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Enbankment Slope	2.8 m
Left Slope	2.8 m
Right Slope	2.0 m

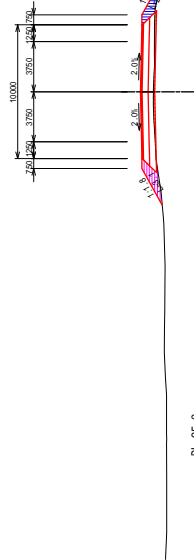
PK208+650
GH=98.64
PH=99.489



DL=95.0

PK	208+700
Excavation	0.0 m
208+660.000	1.0 m
Enbankment	1.5 m
208+660.000	1.9 m
208+660.000	0.0 m
Length of Excavation Slope	2.0 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Enbankment Slope	3.1 m
Left Slope	2.8 m
Right Slope	2.8 m

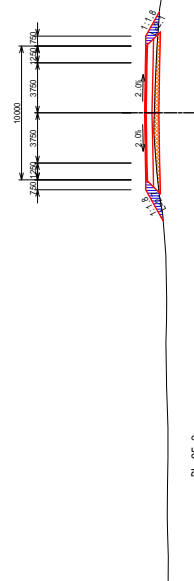
PK208+700
GH=98.70
PH=99.664





DL=95.0

PK	208+600
Excavation	0.0 m
208+660.000	3.4 m
Enbankment	2.5 m
208+660.000	0.0 m
208+660.000	0.0 m
Length of Excavation Slope	2.0 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Enbankment Slope	2.7 m
Left Slope	2.1 m
Right Slope	2.1 m

PK208+600
GH=98.64
PH=99.371

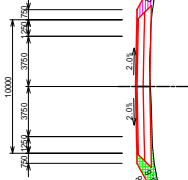


DL=95.0

 REPUBLIQUE DE DJIBOUTI MINISTERE DE L'EQUIPEMENT ET DES TRANSPORTS DIRECTION DE L'EQUIPEMENT	 JAPAN INTERNATIONAL COOPERATION AGENCY YACHIYO ENGINEERING CO., LTD.	SHEET CONTENTS CROSS SECTION PK208+600 ~ PK208+750		SCALE S=1:400
		THE PREPARATORY SURVEY FOR THE PROJECT FOR UPGRADING OF NATIONAL ROAD ROUTE 1 IN THE REPUBLIC OF DJIBOUTI		DATE NOV 2018

PK	208+850
Excavation	0.0 m
Subgrade	0.0 m
Shoulder	0.1 m
Enbankment	0.0 m
Length of Excavation Slope	2.0 m
Left Slope	1:1.5
Right Slope	1:1.5
Length of Enbankment Slope	3.5 m
Left Slope	3.5 m
Right Slope	2.5 m

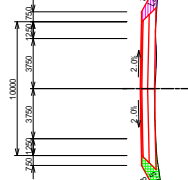
PK208+850
G=99.08
PH=100.189



DL=95.0

PK	208+950
Excavation	0.0 m
Subgrade	0.0 m
Shoulder	0.1 m
Enbankment	0.0 m
Length of Excavation Slope	2.0 m
Left Slope	1:1.5
Right Slope	1:1.5
Length of Enbankment Slope	3.8 m
Left Slope	3.8 m
Right Slope	2.2 m

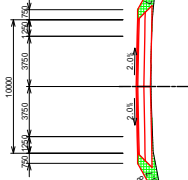
PK208+950
G=99.41
PH=100.539



DL=95.0

PK	208+800
Excavation	0.0 m
Subgrade	0.2 m
Shoulder	0.0 m
Enbankment	2.0 m
Length of Excavation Slope	2.0 m
Left Slope	1:1.5
Right Slope	1:1.5
Length of Enbankment Slope	3.4 m
Left Slope	3.4 m
Right Slope	3.1 m

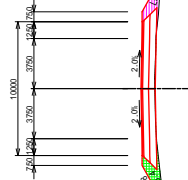
PK208+800
G=98.97
PH=100.014



DL=95.0

PK	208+900
Excavation	0.0 m
Subgrade	0.0 m
Shoulder	0.0 m
Enbankment	2.3 m
Length of Excavation Slope	2.0 m
Left Slope	1:1.5
Right Slope	1:1.5
Length of Enbankment Slope	3.7 m
Left Slope	3.7 m
Right Slope	3.0 m

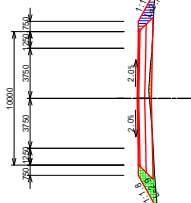
PK208+900
G=99.25
PH=100.364



DL=95.0

PK	209+150
Excavation Len	0.0 m
Open Cut	0.7 m
Enbankment	1.6 m
Length of Excavation Slope	2.7 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enbankment Slope	2.9 m
Right Side	2.7 m

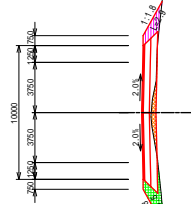
PK209+150
GH=100.31
PH=101.239



DL=95.0

PK	209+50
Excavation Len	0.0 m
Open Cut	1.4 m
Enbankment	0.0 m
Length of Excavation Slope	2.7 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enbankment Slope	3.5 m
Right Side	2.9 m

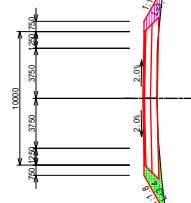
PK209+50
GH=100.18
PH=100.889



DL=95.0

PK	209+100
Excavation Len	0.0 m
Open Cut	0.2 m
Enbankment	0.0 m
Length of Excavation Slope	2.8 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enbankment Slope	3.4 m
Right Side	3.0 m

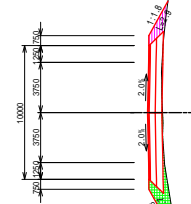
PK209+100
GH=100.01
PH=101.064



DL=95.0

PK	209+0
Excavation Len	0.0 m
Open Cut	0.2 m
Enbankment	0.0 m
Length of Excavation Slope	1.7 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enbankment Slope	3.7 m
Right Side	2.9 m

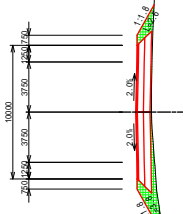
PK209
GH=99.59
PH=100.714



DL=95.0

PK	209+350
Excavation	0.0 m
Shoulder	0.0 m
Subgrade	0.0 m
Embankment	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	3.8 m
Left Side	2.6 m
Right Side	1.2 m

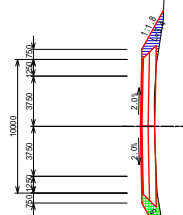
PK209+350
GH=100.76
PH=101.939



DL=95.0

PK	209+250
Excavation	0.0 m
Shoulder	0.2 m
Subgrade	2.3 m
Embankment	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	3.5 m
Left Side	3.4 m
Right Side	0.1 m

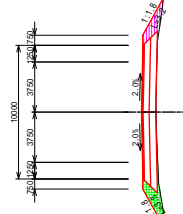
PK209+250
GH=100.52
PH=101.589



DL=95.0

PK	209+300
Excavation	0.0 m
Shoulder	0.0 m
Subgrade	0.0 m
Embankment	0.0 m
Length of Embankment Slope	1.9 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	3.5 m
Left Side	3.5 m
Right Side	0.0 m

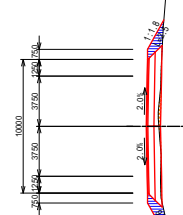
PK209+300
GH=100.67
PH=101.764



DL=95.0

PK	209+200
Excavation	0.0 m
Shoulder	0.3 m
Subgrade	3.6 m
Embankment	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	3.6 m
Left Side	2.5 m
Right Side	1.1 m

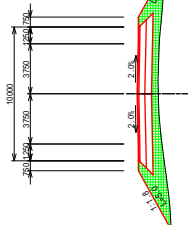
PK209+200
GH=100.46
PH=101.414



DL=95.0

PK	209+550
Excavation	
209+544.000	0.0 m
209+545.000	0.0 m
Embankment	
209+545.000	0.0 m
209+546.000	0.0 m
209+547.000	0.0 m
209+548.000	0.0 m
209+549.000	0.0 m
209+550.000	0.0 m
Length of Excavation Slope	
Left Slope	0.0 m
Right Slope	0.0 m
Length of Embankment Slope	
Left Slope	5.0 m
Right Slope	4.2 m

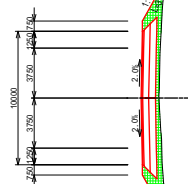
PK209+550
GH=100.99
PH=102.578



DL=95.0

PK	209+450
Excavation	
209+444.000	0.0 m
209+445.000	0.0 m
Embankment	
209+445.000	0.0 m
209+446.000	0.0 m
209+447.000	0.0 m
209+448.000	0.0 m
209+449.000	0.0 m
209+450.000	0.0 m
Length of Excavation Slope	
Left Slope	0.0 m
Right Slope	0.0 m
Length of Embankment Slope	
Left Slope	4.1 m
Right Slope	3.4 m

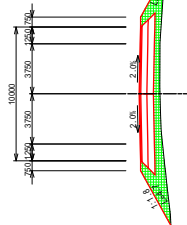
PK209+450
GH=100.95
PH=102.289



DL=95.0

PK	209+500
Excavation	
209+494.000	0.0 m
209+495.000	0.0 m
Embankment	
209+495.000	0.0 m
209+496.000	0.0 m
209+497.000	0.0 m
209+498.000	0.0 m
209+499.000	0.0 m
209+500.000	0.0 m
Length of Excavation Slope	
Left Slope	0.0 m
Right Slope	0.0 m
Length of Embankment Slope	
Left Slope	4.7 m
Right Slope	3.9 m

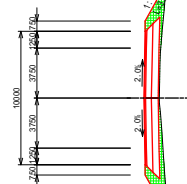
PK209+500
GH=100.91
PH=102.464



DL=95.0

PK	209+400
Excavation	
209+394.000	0.0 m
209+395.000	0.0 m
Embankment	
209+395.000	0.0 m
209+396.000	0.0 m
209+397.000	0.0 m
209+398.000	0.0 m
209+399.000	0.0 m
209+400.000	0.0 m
Length of Excavation Slope	
Left Slope	0.0 m
Right Slope	0.0 m
Length of Embankment Slope	
Left Slope	3.9 m
Right Slope	3.2 m

PK209+400
GH=100.96
PH=102.114



DL=95.0



REPUBLIQUE DE DJIBOUTI
MINISTRE DE L'EQUIPEMENT ET DES TRANSPORTS
DIRECTION DE L'EQUIPEMENT



JAPAN INTERNATIONAL COOPERATION AGENCY
YACHIO ENGINEERING CO., LTD.

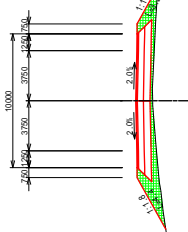
THE PREPARATORY SURVEY FOR
THE PROJECT FOR
UPGRADING OF NATIONAL ROAD ROUTE 1
IN THE REPUBLIC OF DJIBOUTI

SHEET CONTENTS
CROSS SECTION
PK209+400 ~ PK209+550

SCALE S=1:400
DATE NOV 2018
PAGE NO. 80 / 131

PK 209+750	
Excavation	0.0 m
Subgrade	0.0 m
Enchantment	0.0 m
Length of Enchantment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enchantment Slope	4.4 m
Left Slope	4.4 n
Right Slope	3.2 m

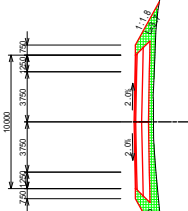
PK209+750
GH=100.67
PH=101.939



DL=95.0

PK 209+650	
Excavation	0.0 m
Subgrade	0.0 m
Enchantment	0.0 m
Length of Enchantment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enchantment Slope	4.3 m
Left Slope	3.7 m

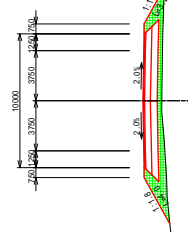
PK209+650
GH=100.94
PH=102.289



DL=95.0

PK 209+700	
Excavation	0.0 m
Subgrade	0.0 m
Enchantment	0.0 m
Length of Enchantment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enchantment Slope	4.0 m
Left Slope	4.0 n
Right Slope	3.2 m

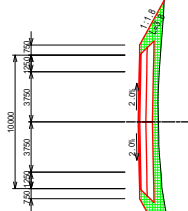
PK209+700
GH=100.69
PH=102.114



DL=95.0

PK 209+600	
Excavation	0.0 m
Subgrade	0.0 m
Enchantment	0.0 m
Length of Enchantment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enchantment Slope	4.7 m
Left Slope	4.7 n
Right Slope	3.8 m

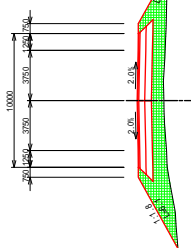
PK209+600
GH=100.96
PH=102.464



DL=95.0

PK	209+850
Excavation	0.0 m
Shoulder	0.0 m
Enchantment	0.0 m
Shoulder	0.0 m
Excavation	2.0 m
Shoulder	2.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Left Slope	6.1 n
Right Slope	5.4 n

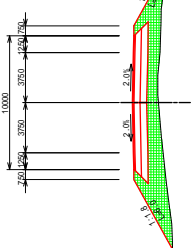
PK209+850
GH=99.65
PH=101.588



DL=95.0

PK	209+950
Excavation	0.0 m
Shoulder	0.0 m
Enchantment	0.0 m
Shoulder	0.0 m
Excavation	2.0 m
Shoulder	2.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Left Slope	6.1 n
Right Slope	5.4 n

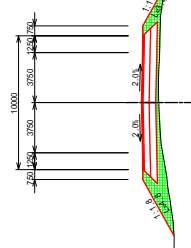
PK209+950
GH=99.24
PH=101.239



DL=95.0

PK	209+800
Excavation	0.0 m
Shoulder	0.0 m
Enchantment	0.0 m
Shoulder	0.0 m
Excavation	2.0 m
Shoulder	2.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Left Slope	4.8 n
Right Slope	3.4 n

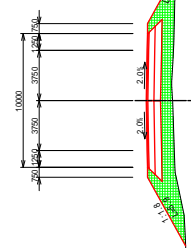
PK209+800
GH=100.48
PH=101.764



DL=95.0

PK	209+900
Excavation	0.0 m
Shoulder	0.0 m
Enchantment	0.0 m
Shoulder	0.0 m
Excavation	2.0 m
Shoulder	2.0 m
Length of Excavation Slope	2.3 m
Left Slope	0.0 n
Right Slope	0.0 n
Left Slope	5.9 n
Right Slope	5.4 n

PK209+900
GH=99.44
PH=101.414



DL=95.0



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JAPAN INTERNATIONAL COOPERATION AGENCY
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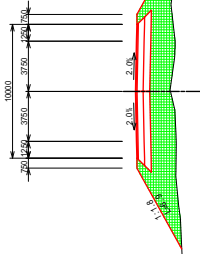
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PK209+800 ~ PK209+950

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PK 210+50	
Excavation	0.0 m ³
Spill 0.01	0.0 m ³
Enchantment	0.0 m ³
Spill 0.01	0.0 m ³
Spill 0.01	0.0 m ³
Spill 0.01	0.0 m ³
Length of Excavation Slope	30.0 m
Left Side	0.0 n
Right Side	0.0 n
Length of Embankment Slope	6.3 m
Left Side	6.3 m
Right Side	6.4 m

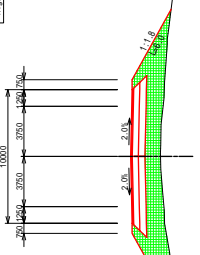
PK210+50
GH=97.92
PH=100.539



DL=95.0

PK 210+100	
Excavation	0.0 m ³
Spill 0.01	0.0 m ³
Enchantment	0.0 m ³
Spill 0.01	0.0 m ³
Spill 0.01	0.0 m ³
Spill 0.01	0.0 m ³
Length of Excavation Slope	30.0 m
Left Side	0.0 n
Right Side	0.0 n
Length of Embankment Slope	6.3 m
Left Side	6.3 m
Right Side	6.4 m

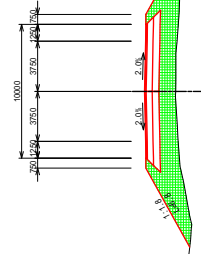
PK210+100
GH=98.39
PH=100.714



DL=95.0

PK 210+0	
Excavation	0.0 m ³
Spill 0.01	0.0 m ³
Enchantment	0.0 m ³
Spill 0.01	0.0 m ³
Spill 0.01	0.0 m ³
Spill 0.01	0.0 m ³
Length of Excavation Slope	30.0 m
Left Side	0.0 n
Right Side	0.0 n
Length of Embankment Slope	6.2 m
Left Side	6.2 m
Right Side	5.8 m

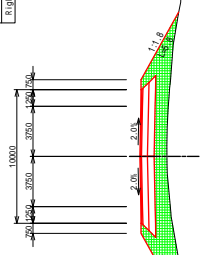
PK210+0
GH=99.04
PH=101.064



DL=95.0

PK 210+150	
Excavation	0.0 m ³
Spill 0.01	0.0 m ³
Enchantment	0.0 m ³
Spill 0.01	0.0 m ³
Spill 0.01	0.0 m ³
Spill 0.01	0.0 m ³
Length of Excavation Slope	30.0 m
Left Side	0.0 n
Right Side	0.0 n
Length of Embankment Slope	6.2 m
Left Side	6.2 m
Right Side	5.8 m

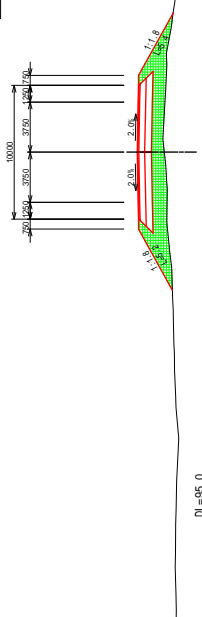
PK210+150
GH=97.92
PH=100.539



DL=95.0

PK	210+250
Excavation	0.0 m ³
Spill 0.5%	0.0 m ³
Enbankment	0.0 m ³
Spill 1.5%	0.0 m ³
Spill 2.5%	0.0 m ³
Spill 3.5%	0.0 m ³
Spill 4.5%	0.0 m ³
Length of Embankment Slope	2.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	5.2 m
Left Side	5.2 m
Right Side	4.8 m

PK210+250
GH=88.16
PH=100.189



DL=95.0

PK	210+300
Excavation	0.0 m ³
Spill 0.5%	0.0 m ³
Enbankment	0.0 m ³
Spill 1.5%	0.0 m ³
Spill 2.5%	0.0 m ³
Spill 3.5%	0.0 m ³
Spill 4.5%	0.0 m ³
Length of Embankment Slope	2.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	5.2 m
Left Side	5.2 m
Right Side	4.8 m

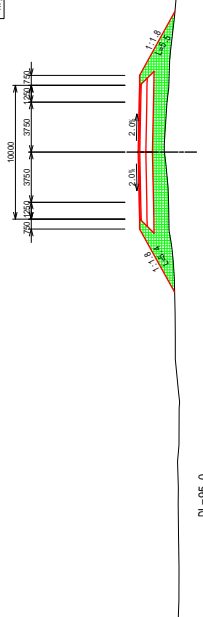
PK210+300
GH=88.04
PH=100.014



DL=95.0

PK	210+200
Excavation	0.0 m ³
Spill 0.5%	0.0 m ³
Enbankment	0.0 m ³
Spill 1.5%	0.0 m ³
Spill 2.5%	0.0 m ³
Spill 3.5%	0.0 m ³
Spill 4.5%	0.0 m ³
Length of Embankment Slope	2.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	5.4 m
Left Side	5.4 m
Right Side	5.0 m

PK210+200
GH=88.40
PH=100.364



DL=95.0

PK	210+350
Excavation	0.0 m ³
Spill 0.5%	0.0 m ³
Enbankment	0.0 m ³
Spill 1.5%	0.0 m ³
Spill 2.5%	0.0 m ³
Spill 3.5%	0.0 m ³
Spill 4.5%	0.0 m ³
Length of Embankment Slope	2.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	5.2 m
Left Side	5.2 m
Right Side	4.8 m

PK210+350
GH=88.04
PH=100.014



DL=95.0



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JAPAN INTERNATIONAL COOPERATION AGENCY
YACHIYO ENGINEERING CO., LTD.

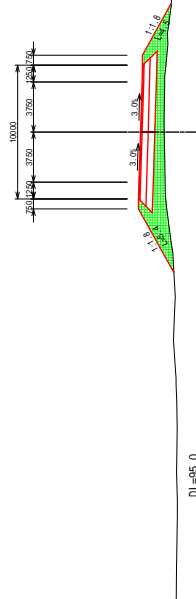
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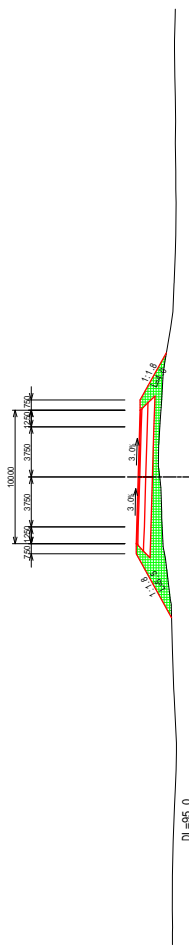
PK 210+450	
Excavation	0.0 m ³
200% Slope Soil	0.0 m ³
Embankment	0.0 m ³
200% Slope Soil	0.0 m ³
Length of Embankment Slope	12.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	0.0 m
Left Side	5.8 m
Right Side	4.8 m

PK210+450
GH=97.71
PH=99.489



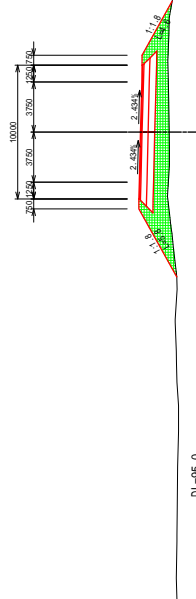
PK 210+550	
Excavation	0.0 m ³
200% Slope Soil	0.0 m ³
Embankment	0.0 m ³
200% Slope Soil	0.0 m ³
Length of Embankment Slope	12.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	0.0 m
Left Side	5.8 m
Right Side	4.8 m

PK210+550
GH=97.53
PH=99.139



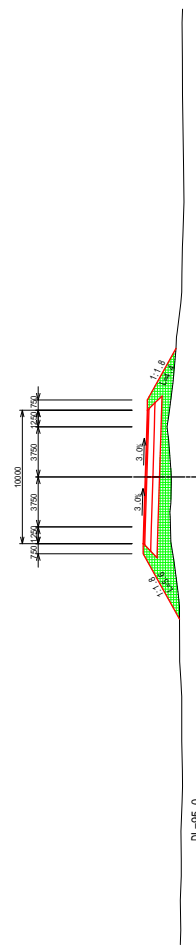
PK 210+400	
Excavation	0.0 m ³
200% Slope Soil	0.0 m ³
Embankment	0.0 m ³
200% Slope Soil	0.0 m ³
Length of Embankment Slope	7.8 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	0.0 m
Left Side	5.8 m
Right Side	4.8 m

PK210+400
GH=97.53
PH=99.664



PK 210+500	
Excavation	0.0 m ³
200% Slope Soil	0.0 m ³
Embankment	0.0 m ³
200% Slope Soil	0.0 m ³
Length of Embankment Slope	12.7 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	0.0 m
Left Side	5.8 m
Right Side	4.4 m

PK210+500
GH=97.37
PH=99.314



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JAPAN INTERNATIONAL COOPERATION AGENCY
YACHIYO ENGINEERING CO., LTD.

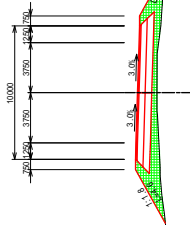
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PK 210+750	
Excavation	0.0 m
200g Standard Soil	0.0 m
300g Standard Soil	0.0 m
Embankment	0.0 m
Left Slope	1:1.8
Right Slope	1:1.8
Length of Embankment Slope	0.0 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Embankment Slope	4.8 m
Right Slope	4.0 m

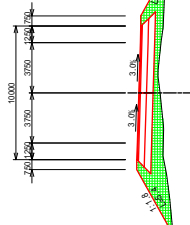
PK210+750
GH=96.88
PH=98.439



DL=95.0

PK 210+650	
Excavation	0.0 m
200g Standard Soil	0.0 m
300g Standard Soil	0.0 m
Embankment	0.0 m
Left Slope	1:1.8
Right Slope	1:1.8
Length of Embankment Slope	0.0 m
Left Slope	0.0 m
Right Slope	5.4 m
Length of Embankment Slope	3.9 m

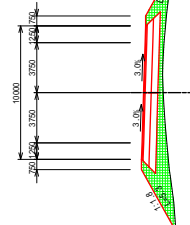
PK210+650
GH=97.21
PH=98.789



DL=95.0

PK 210+700	
Excavation	0.0 m
200g Standard Soil	0.0 m
300g Standard Soil	0.0 m
Embankment	0.0 m
Left Slope	1:1.8
Right Slope	1:1.8
Length of Embankment Slope	0.0 m
Left Slope	0.0 m
Right Slope	5.3 m
Length of Embankment Slope	4.1 m

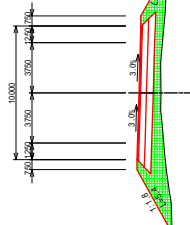
PK210+700
GH=97.15
PH=98.614



DL=95.0

PK 210+600	
Excavation	0.0 m
200g Standard Soil	0.0 m
300g Standard Soil	0.0 m
Embankment	0.0 m
Left Slope	1:1.8
Right Slope	1:1.8
Length of Embankment Slope	0.0 m
Left Slope	0.0 m
Right Slope	3.7 m

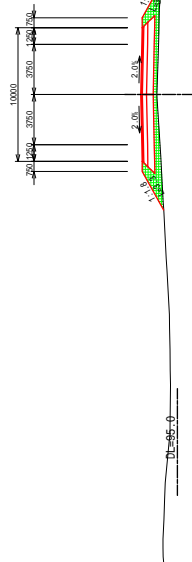
PK210+600
GH=97.31
PH=98.964



DL=95.0

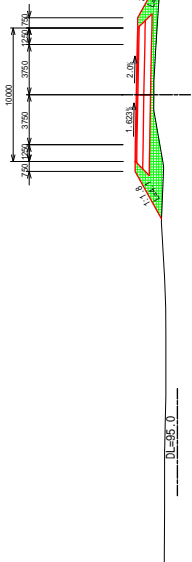
PK 210+850	
Excavation	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Enbankment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	0.0 m
Left Slope	3.3 n
Right Slope	3.0 n

PK210+850
 CH=66.55
 PH=67.79



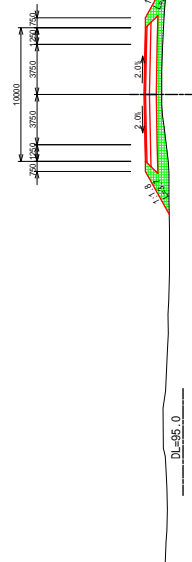
PK 210+850	
Excavation	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Enbankment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	0.0 m
Left Slope	4.1 n
Right Slope	3.8 n

PK210+850
 CH=66.77
 PH=68.089



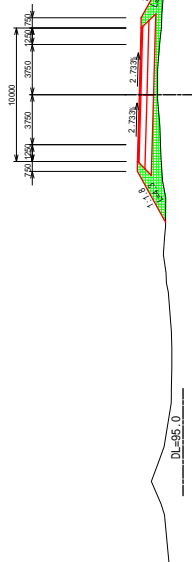
PK 210+900	
Excavation	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Enbankment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	0.0 m
Left Slope	3.7 n
Right Slope	3.4 n

PK210+900
 CH=66.59
 PH=67.914



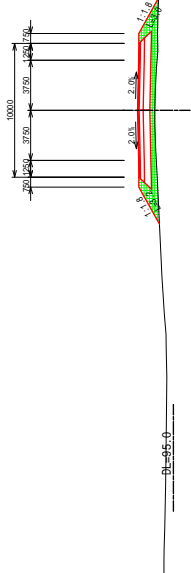
PK 210+800	
Excavation	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Enbankment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	0.0 m
Left Slope	4.3 n
Right Slope	3.7 n

PK210+800
 CH=66.89
 PH=68.264



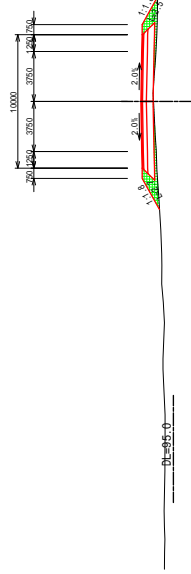
PK 211+50	
Elevation	0.0 m
Spot Elevation	0.0 m
Enbankment	0.0 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	0.0 m
Left Side	2.7 m
Right Side	2.0 m

PK211+50
G=96.38
PI=97.689



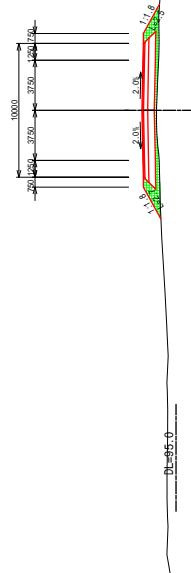
PK 211+50	
Elevation	0.0 m
Spot Elevation	0.0 m
Enbankment	0.0 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	0.0 m
Left Side	2.7 m
Right Side	2.0 m

PK211+50
G=96.49
PI=97.446



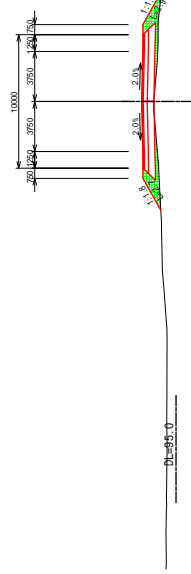
PK 211+100	
Elevation	0.0 m
Spot Elevation	0.0 m
Enbankment	0.0 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	0.0 m
Left Side	2.7 m
Right Side	2.5 m

PK211+100
G=96.44
PI=97.539



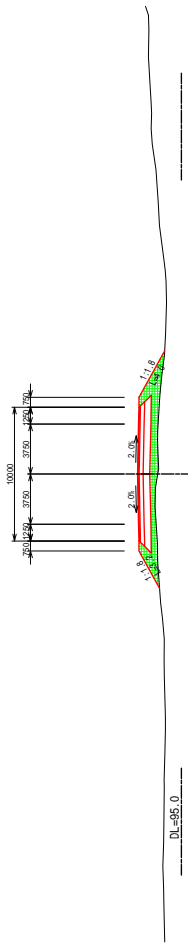
PK 211+0	
Elevation	0.0 m
Spot Elevation	0.0 m
Enbankment	0.0 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	0.0 m
Left Side	2.7 m
Right Side	2.9 m

PK211
G=96.65
PI=97.564



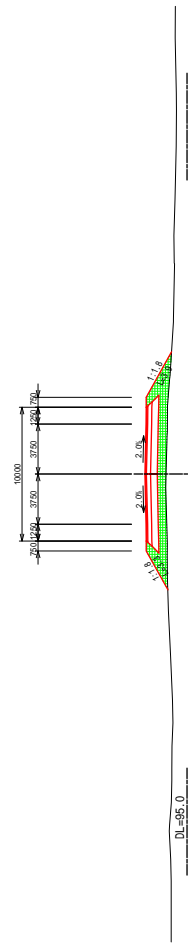
PK 211+250	
Excavation	0.0 m
Spore Side Cut	0.0 m
Embankment	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	3.2 m
Left Side	3.2 m
Right Side	4.1 m

PK211+250
GH=96.43
PH=97.989



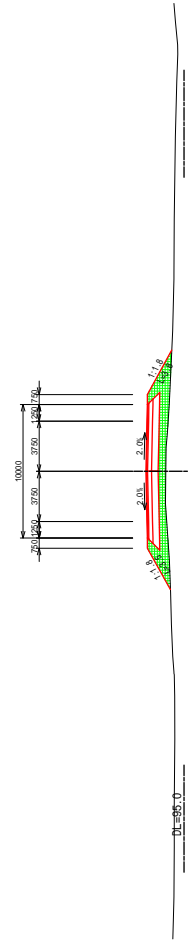
PK 211+300	
Excavation	0.0 m
Spore Side Cut	0.0 m
Embankment	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	3.2 m
Left Side	3.2 m
Right Side	4.9 m

PK211+300
GH=96.56
PH=98.139



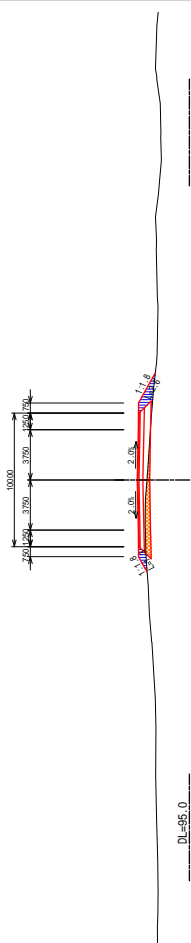
PK 211+200	
Excavation	0.0 m
Spore Side Cut	0.0 m
Embankment	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	3.5 m
Left Side	3.5 m
Right Side	3.8 m

PK211+200
GH=96.36
PH=97.839



PK 211+450	
Excavation	0.0 m
Shoulder Slope	2.4 m
Embankment	2.1 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	1.3 m
Left Side	2.8 m
Right Side	2.8 m

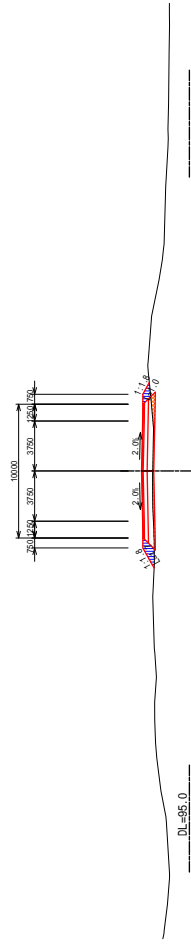
PK211+550
 GH=98.18
 PH=98.905



DL=95.0

PK 211+450	
Excavation	0.0 m
Shoulder Slope	1.4 m
Embankment	1.5 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	1.7 m
Left Side	1.0 m
Right Side	1.0 m

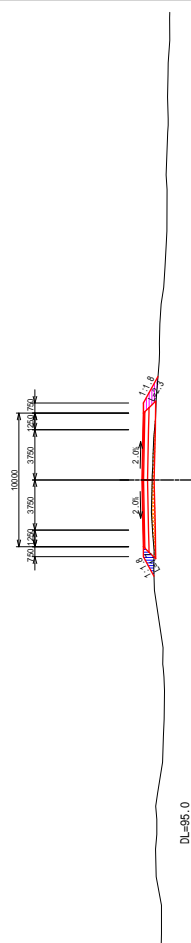
PK211+450
 GH=97.75
 PH=98.589



DL=95.0

PK 211+500	
Excavation	0.0 m
Shoulder Slope	1.6 m
Embankment	0.9 m
Shoulder Slope	1.3 m
Shoulder Slope	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	1.7 m
Left Side	2.3 m
Right Side	2.3 m

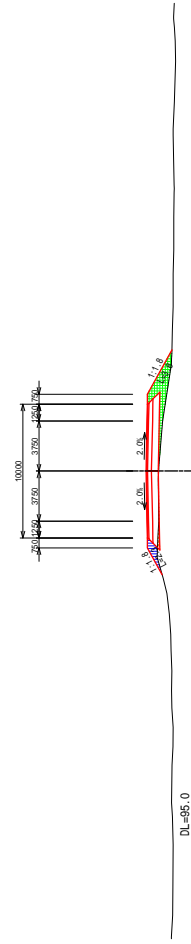
PK211+500
 GH=97.98
 PH=98.739



DL=95.0

PK 211+400	
Excavation	0.0 m
Shoulder Slope	0.3 m
Embankment	0.9 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	2.3 m
Left Side	3.8 m
Right Side	3.8 m

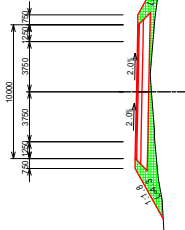
PK211+400
 GH=97.49
 PH=98.439



DL=95.0

PK	211+750
Excavation	0.0 m
2000/3000/5000	0.0 m
Enbankment	0.0 m
2000/3000/5000	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	4.3 m
Left Slope	4.3 n
Right Slope	3.8 m

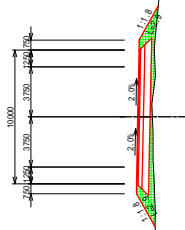
PK211+750
GH=100.17
PH=101.289



DL=95.0

PK	211+650
Excavation	0.0 m
2000/3000/5000	0.0 m
Enbankment	0.0 m
2000/3000/5000	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	2.9 m
Left Slope	2.9 n
Right Slope	2.9 n

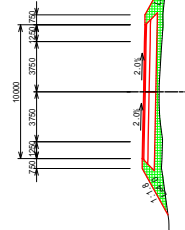
PK211+650
GH=98.90
PH=99.989



DL=95.0

PK	211+700
Excavation	0.0 m
2000/3000/5000	0.0 m
Enbankment	0.0 m
2000/3000/5000	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	4.0 m
Left Slope	4.0 n
Right Slope	3.6 m

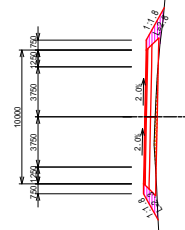
PK211+700
GH=99.47
PH=100.639



DL=95.0

PK	211+600
Excavation	0.0 m
2000/3000/5000	0.9 m
Enbankment	0.0 m
2000/3000/5000	0.0 m
Length of Excavation Slope	3.0 m
Left Slope	3.0 n
Right Slope	0.0 n
Length of Enbankment Slope	2.3 m
Left Slope	2.3 n
Right Slope	2.3 n

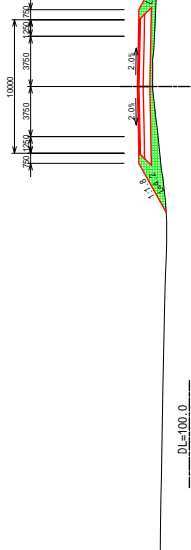
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GH=98.57
PH=99.341



DL=95.0

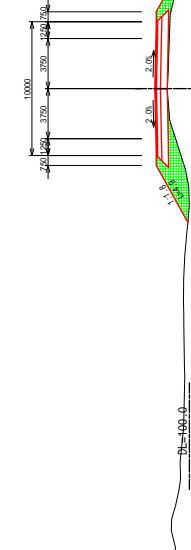
PK	211+850
Excavation	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	0.0 m
Left Slope	4.9 n
Right Slope	4.4 n

PK211+850
GH=102.65
PH=102.589



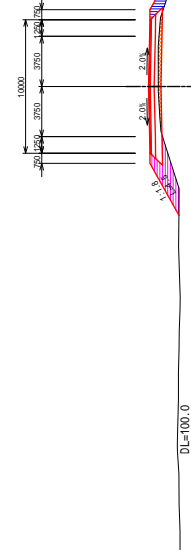
PK	211+850
Excavation	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	0.0 m
Left Slope	4.9 n
Right Slope	4.4 n

PK211+850
GH=102.65
PH=102.589



PK	211+900
Excavation	0.0 m
Shoulder	1.6 m
Enbankment	2.5 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	4.5 m
Left Slope	4.8 n

PK211+900
GH=102.52
PH=103.239



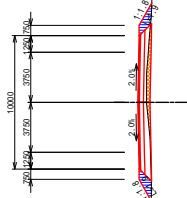
PK	211+800
Excavation	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	6.1 m
Left Slope	3.4 n

PK211+800
GH=100.69
PH=101.939



PK	212+150	
Excavation	0.0	ft
Open Cut	1.9	ft
Enbankment	2.0	ft
Length of Excavation Slope	0.0	ft
Left Side	0.0	n
Right Side	0.0	n
Length of Enbankment Slope	1.9	n
Left Side	1.9	n
Right Side	1.9	n

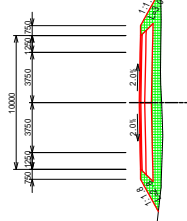
PK212+150
GH=105.84
PH=106.489



DL=100.0

PK	212+50	
Excavation	0.0	ft
Open Cut	0.0	ft
Enbankment	0.0	ft
Length of Excavation Slope	12.0	ft
Left Side	0.0	n
Right Side	0.0	n
Length of Enbankment Slope	2.8	n
Left Side	2.8	n
Right Side	2.8	n

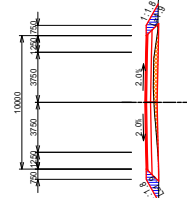
PK212+50
GH=103.51
PH=105.189



DL=100.0

PK	212+100	
Excavation	0.0	ft
Open Cut	2.0	ft
Enbankment	2.1	ft
Length of Excavation Slope	0.0	ft
Left Side	0.0	n
Right Side	0.0	n
Length of Enbankment Slope	1.9	n
Left Side	1.9	n
Right Side	1.9	n

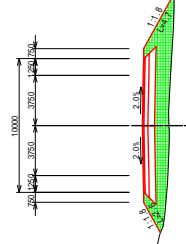
PK212+100
GH=105.16
PH=105.839



DL=100.0

PK	212+0	
Excavation	0.0	ft
Open Cut	0.0	ft
Enbankment	0.0	ft
Length of Excavation Slope	19.0	ft
Left Side	0.0	n
Right Side	0.0	n
Length of Enbankment Slope	2.6	n
Left Side	2.6	n
Right Side	4.7	n

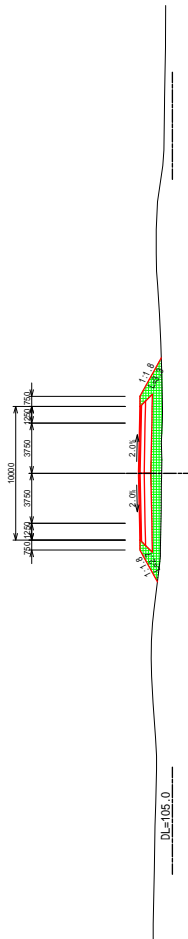
PK212
GH=102.53
PH=104.539



DL=100.0

PK 212+250	
Excavation	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	0.0 m
Left Side	2.7 m
Right Side	3.3 m

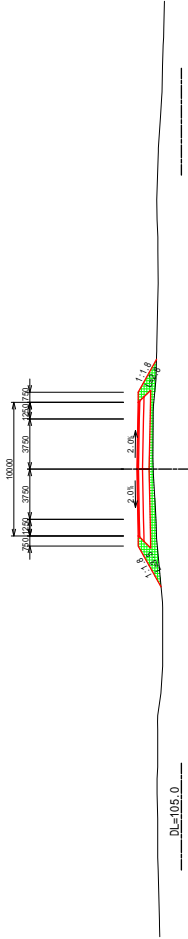
PK212+250
GH=105.81
PH=107.539



DL=105.0

PK 212+350	
Excavation	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	3.5 m
Left Side	2.8 m
Right Side	2.8 m

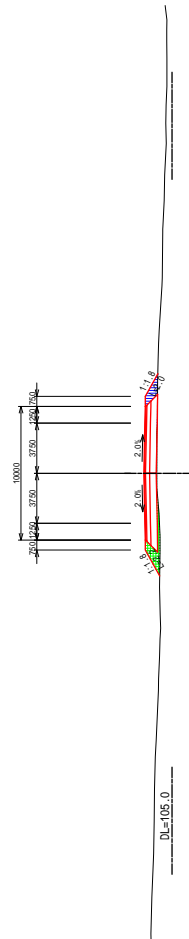
PK212+350
GH=107.11
PH=108.339



DL=105.0

PK 212+200	
Excavation	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	1.1 m
Shoulder Slope	0.0 m
Shoulder Slope	2.1 m
Shoulder Slope	2.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	2.2 m
Left Side	2.2 m
Right Side	2.0 m

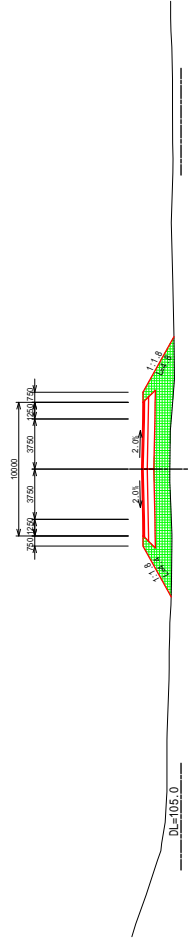
PK212+200
GH=106.13
PH=107.085



DL=105.0

PK 212+300	
Excavation	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	2.8 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	4.4 m
Left Side	4.4 m
Right Side	4.8 m

PK212+300
GH=105.82
PH=107.839



DL=105.0



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JAPAN INTERNATIONAL COOPERATION AGENCY
YACHIYO ENGINEERING CO., LTD.

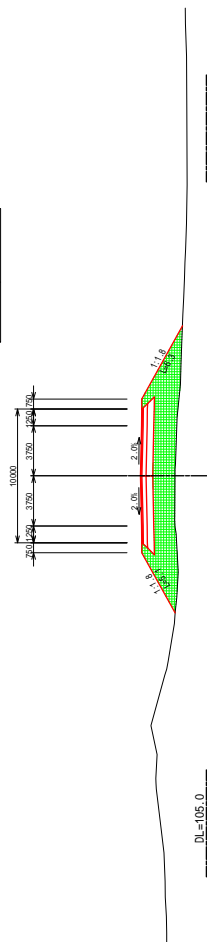
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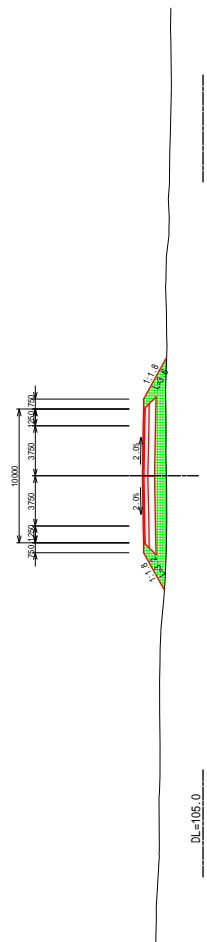
PK	212+550
Excavation	0.0
Shoulder	0.0
Embankment	0.0
Length of Embankment Slope	0.0
Left Slope	0.0
Right Slope	0.3

PK212+550
GH=107.85
PH=109.839



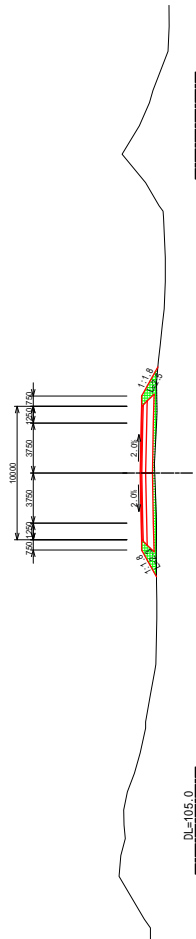
PK	212+500
Excavation	0.0
Shoulder	0.0
Embankment	0.0
Length of Embankment Slope	0.0
Left Slope	0.0
Right Slope	3.6

PK212+500
GH=107.73
PH=109.539



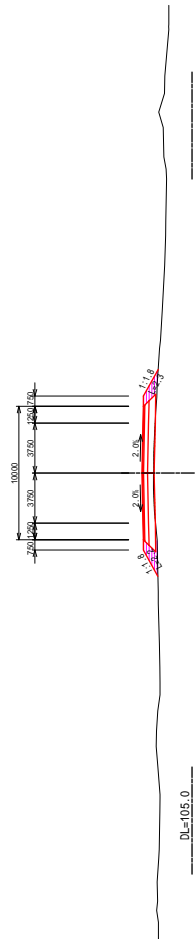
PK	212+450
Excavation	0.0
Shoulder	0.0
Embankment	0.0
Length of Embankment Slope	0.0
Left Slope	0.0
Right Slope	2.3

PK212+450
GH=108.04
PH=109.139



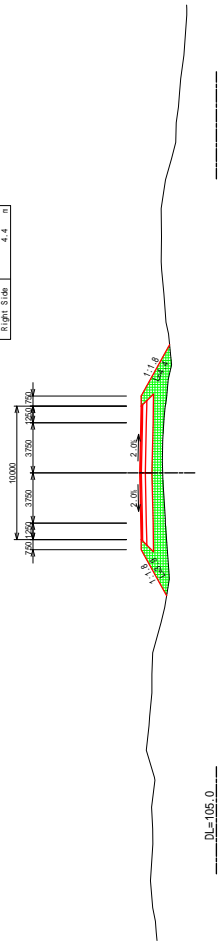
PK	212+400
Excavation	0.0
Shoulder	0.4
Embankment	0.0
Length of Embankment Slope	0.0
Left Slope	0.0
Right Slope	2.3

PK212+400
GH=107.87
PH=108.739



PK 212+650	
Excavation	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Enbankment Slope	16.1 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	3.9 m
Left Slope	4.4 n
Right Slope	4.4 n

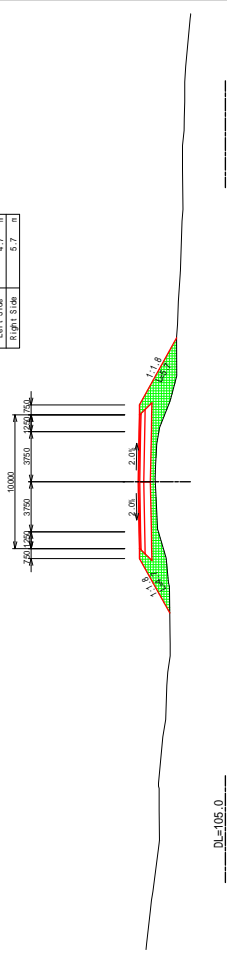
PK212+650
GH=109.03
PH=110.739



DL=105.0

PK 212+750	
Excavation	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Enbankment Slope	17.2 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	4.7 m
Left Slope	6.7 n
Right Slope	6.7 n

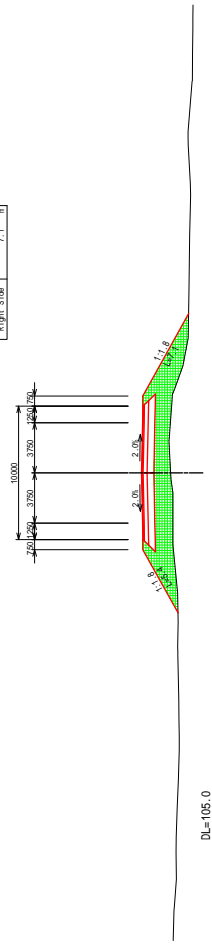
PK212+750
GH=110.28
PH=111.539



DL=105.0

PK 212+600	
Excavation	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Enbankment Slope	28.8 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	5.4 m
Left Slope	7.1 n
Right Slope	7.1 n

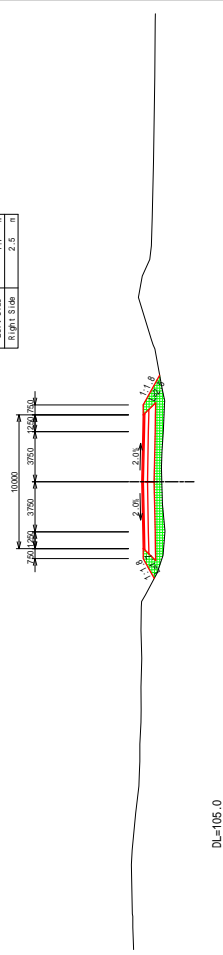
PK212+600
GH=108.16
PH=110.339



DL=105.0

PK 212+700	
Excavation	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Enbankment Slope	17.8 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	1.7 m
Left Slope	2.5 n
Right Slope	2.5 n

PK212+700
GH=109.64
PH=111.139



DL=105.0



REPUBLIQUE DE DJIBOUTI
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JAPAN INTERNATIONAL COOPERATION AGENCY
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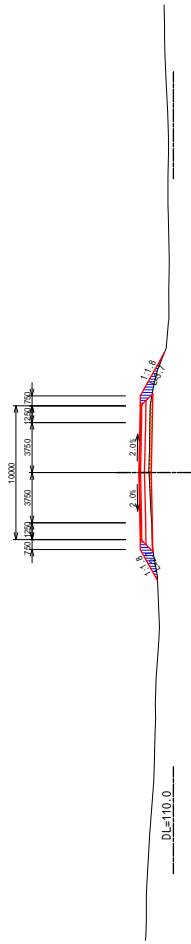
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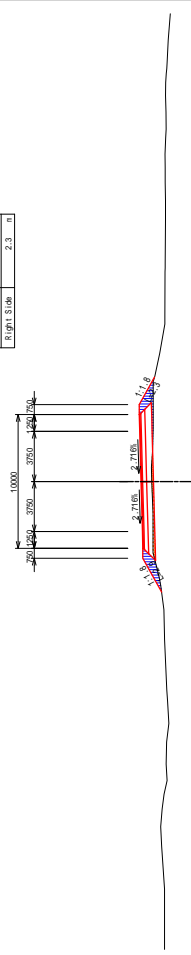
PK 212+850	
Excavation	0.0 m
Spillway Cost	1.5 m
Enbankment	2.9 m
Spillway	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	2.7 m
Left Slope	3.7 n

PK212+850
 G=111.84
 PH=112.584



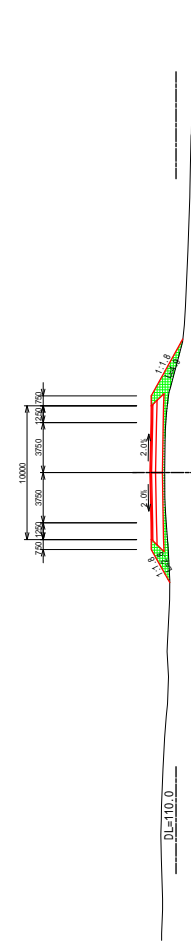
PK 212+950	
Excavation	0.0 m
Spillway Cost	0.9 m
Enbankment	3.1 m
Spillway	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	2.9 m
Left Slope	2.3 n

PK212+950
 G=115.14
 PH=115.939



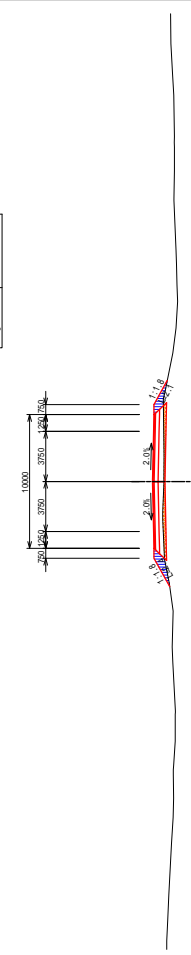
PK 212+800	
Excavation	0.0 m
Spillway Cost	0.0 m
Enbankment	0.0 m
Spillway	2.5 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	2.8 m
Left Slope	4.9 n

PK212+800
 G=110.83
 PH=111.938



PK 212+900	
Excavation	0.0 m
Spillway Cost	1.8 m
Enbankment	2.0 m
Spillway	2.3 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	2.4 m
Left Slope	2.1 n

PK212+900
 G=113.30
 PH=114.139



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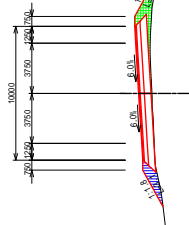
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PK	213+150
Excavation	0.0 m
Spore Side	0.0 m
Enlargement	1.8 m
Length of Enlargement	3.0 m
Length of Enlargement Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enlargement Slope	3.1 m
Right Side	3.4 m

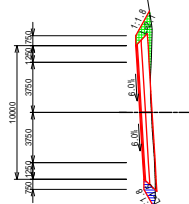
PK213+150
 GH=122.15
 PH=123.139



DL=115.0

PK	213+50
Excavation	0.0 m
Spore Side	0.5 m
Enlargement	0.9 m
Length of Enlargement	2.0 m
Length of Enlargement Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enlargement Slope	1.5 m
Right Side	2.1 m

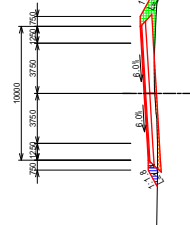
PK213+50
 GH=118.68
 PH=119.539



DL=115.0

PK	213+100
Excavation	0.0 m
Spore Side	1.1 m
Enlargement	0.7 m
Length of Enlargement	2.3 m
Length of Enlargement Slope	2.3 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enlargement Slope	1.4 m
Right Side	3.1 m

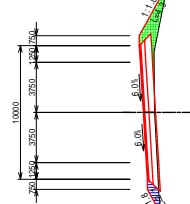
PK213+100
 GH=120.65
 PH=121.339



DL=115.0

PK	213+0
Excavation	0.0 m
Spore Side	0.8 m
Enlargement	1.1 m
Length of Enlargement	3.0 m
Length of Enlargement Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enlargement Slope	2.1 m
Right Side	4.3 m

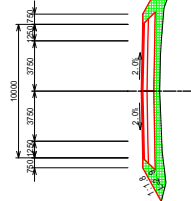
PK213
 GH=118.99
 PH=117.739



DL=115.0

PK	213+350
Excavation	0.0 m
Subgrade	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Subgrade	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Enbankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enbankment Slope	2.8 m
Left Side	2.8 m
Right Side	0.8 m

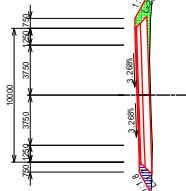
PK213+350
GH=126.57
PH=127.939



DL=120.0

PK	213+250
Excavation	0.0 m
Subgrade	0.0 m
Shoulder	1.0 m
Enbankment	0.0 m
Subgrade	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Enbankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enbankment Slope	1.7 m
Left Side	1.7 m
Right Side	2.8 m

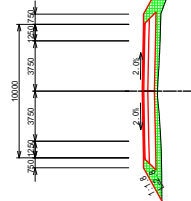
PK213+250
GH=124.93
PH=125.939



DL=120.0

PK	213+300
Excavation	0.0 m
Subgrade	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Subgrade	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Enbankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enbankment Slope	2.8 m
Left Side	2.8 m
Right Side	5.7 m

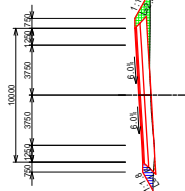
PK213+300
GH=125.79
PH=126.939



DL=120.0

PK	213+200
Excavation	0.0 m
Subgrade	0.2 m
Shoulder	0.9 m
Enbankment	0.0 m
Subgrade	0.0 m
Shoulder	2.0 m
Enbankment	0.0 m
Length of Enbankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enbankment Slope	1.6 m
Left Side	1.6 m
Right Side	2.8 m

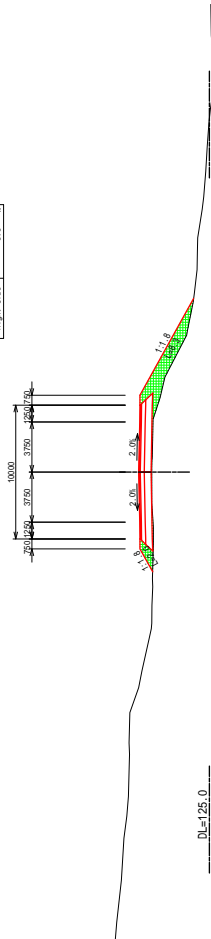
PK213+200
GH=123.91
PH=124.799



DL=120.0

PK 213+450	
Excavation	0.0 m ³
200% Sand Fill	0.0 m ³
Shoulder	0.6 m ³
Embankment	5.1 m ³
Subgrade	0.3 m ³
Gravel	0.0 m ³
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	2.0 m
Left Side	2.0 m
Right Side	6.3 m

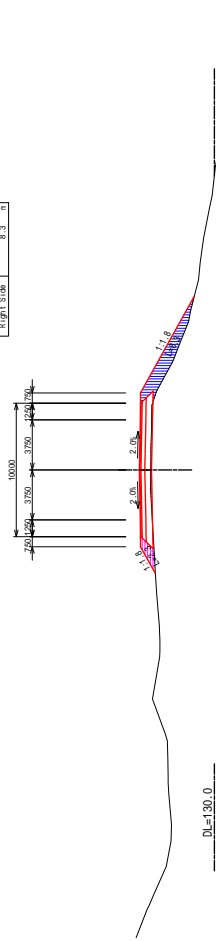
PK213+450
GH=129.32
PH=130.297



DL=125.0

PK 213+550	
Excavation	0.0 m ³
200% Sand Fill	0.6 m ³
Embankment	5.1 m ³
Subgrade	0.3 m ³
Gravel	0.0 m ³
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	2.3 m
Left Side	2.3 m
Right Side	3.3 m

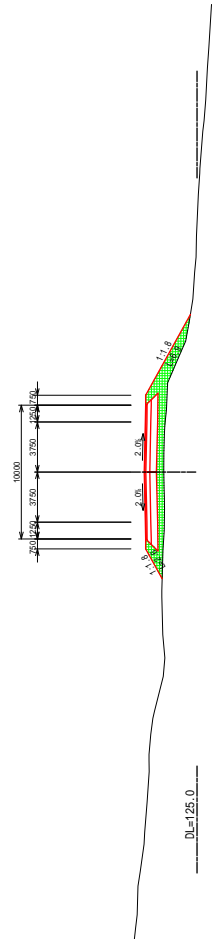
PK213+550
GH=134.77
PH=135.630



DL=130.0

PK 213+400	
Excavation	0.0 m ³
200% Sand Fill	0.0 m ³
Shoulder	0.2 m ³
Embankment	1.3 m ³
Subgrade	1.3 m ³
Gravel	1.8 m ³
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	2.6 m
Left Side	2.6 m
Right Side	6.9 m

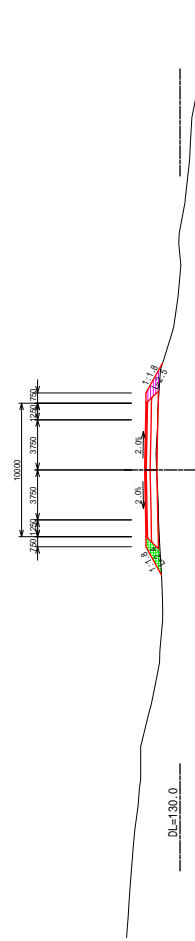
PK213+400
GH=127.48
PH=128.589



DL=125.0

PK 213+500	
Excavation	0.0 m ³
200% Sand Fill	0.2 m ³
Embankment	1.3 m ³
Subgrade	1.3 m ³
Gravel	1.8 m ³
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	2.4 m
Left Side	2.4 m
Right Side	2.5 m

PK213+500
GH=131.74
PH=132.642



DL=130.0



REPUBLIQUE DE DJIBOUTI
MINISTRE DE L'EQUIPEMENT ET DES TRANSPORTS
DIRECTION DE L'EQUIPEMENT



JAPAN INTERNATIONAL COOPERATION AGENCY
YACHIYO ENGINEERING CO., LTD.

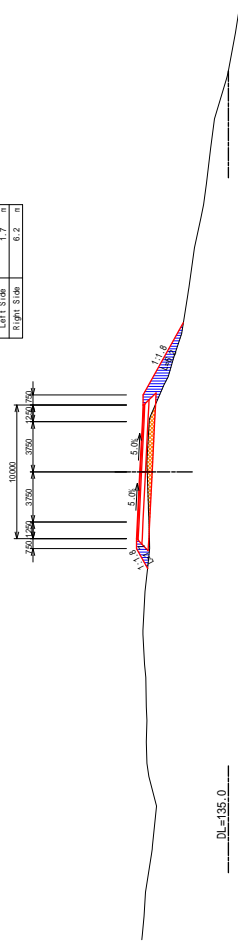
THE PREPARATORY SURVEY FOR
THE PROJECT FOR
UPGRADING OF NATIONAL ROAD ROUTE 1
IN THE REPUBLIC OF DJIBOUTI

SHEET CONTENTS
CROSS SECTION
PK213+400 ~ PK213+550

SCALE S=1:400
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PK	213+650
Excavation	0.0 m
Shoulder Slope	2.7 m
Shoulder Slope	5.8 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Length of Embankment Slope	0.0 m
Length of Embankment Slope	1.7 m
Length of Embankment Slope	0.2 m

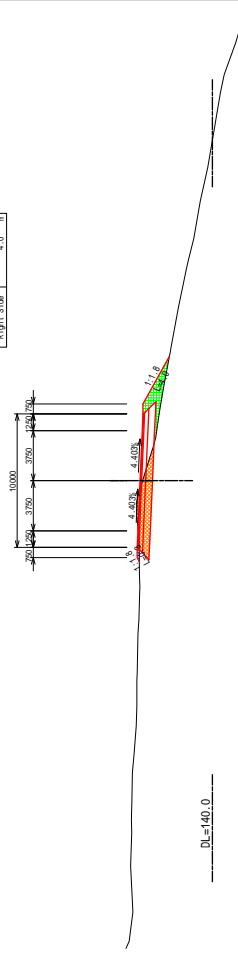
PK213+650
GH=141.09
PH=141.630



DL=135.0

PK	213+750
Excavation	0.0 m
Shoulder Slope	6.1 m
Shoulder Slope	0.1 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Length of Embankment Slope	0.0 m
Length of Embankment Slope	0.3 m
Length of Embankment Slope	4.0 m

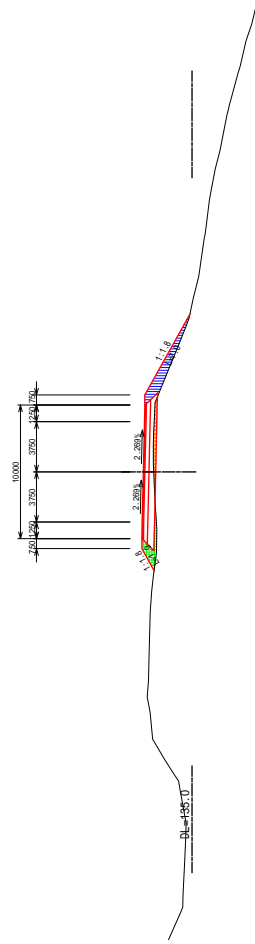
PK213+750
GH=145.23
PH=145.415



DL=140.0

PK	213+600
Excavation	0.0 m
Shoulder Slope	1.2 m
Shoulder Slope	3.6 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Length of Embankment Slope	0.0 m
Length of Embankment Slope	1.9 m
Length of Embankment Slope	7.0 m

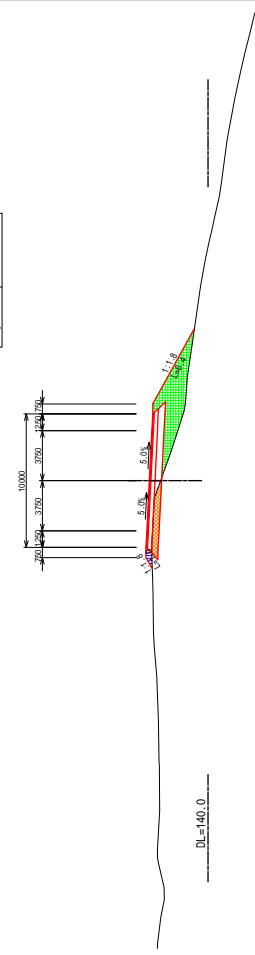
PK213+600
GH=137.86
PH=138.630



DL=135.0

PK	213+700
Excavation	0.0 m
Shoulder Slope	2.5 m
Shoulder Slope	0.4 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	1.3 m
Length of Embankment Slope	0.0 m
Length of Embankment Slope	1.0 m
Length of Embankment Slope	6.4 m

PK213+700
GH=143.54
PH=144.384



DL=140.0



REPUBLIQUE DE DJIBOUTI
MINISTRE DE L'EQUIPEMENT ET DES TRANSPORTS
DIRECTION DE L'EQUIPEMENT

JAPAN INTERNATIONAL COOPERATION AGENCY
YACHIYO ENGINEERING CO., LTD.

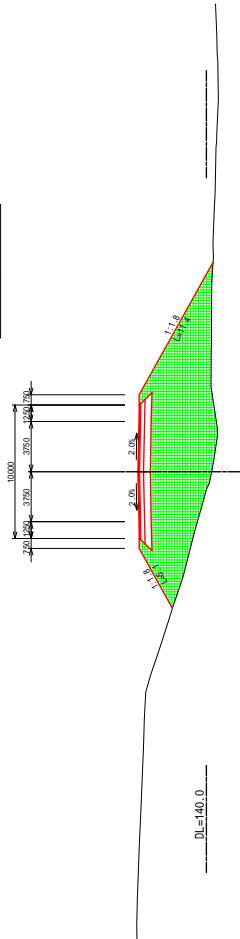
THE PREPARATORY SURVEY FOR
THE PROJECT FOR
UPGRADING OF NATIONAL ROAD ROUTE 1
IN THE REPUBLIC OF DJIBOUTI

SHEET CONTENTS
CROSS SECTION
PK213+600 ~ PK213+750

SCALE S=1:400
DATE NOV 2018
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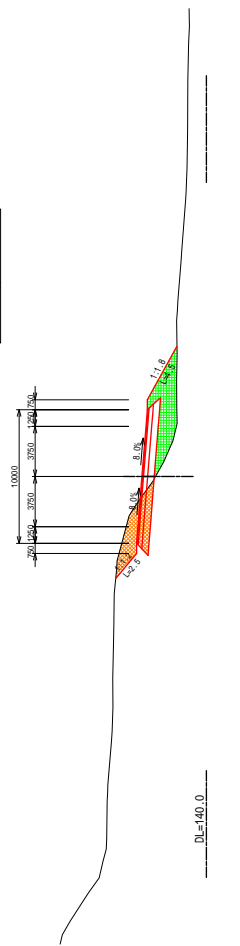
PK	213+850
Excavation	0.0 m
Shoulder	8.7 m
Enchantment	0.0 m
Shoulder	8.7 m
Excavation	0.0 m
Shoulder	10.5 m
Length of Excavation Slope	2.5 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Embankment Slope	0.0 m
Left Slope	0.0 n
Right Slope	4.5 m

PK213+850
 GH=143.82
 PH=145.125



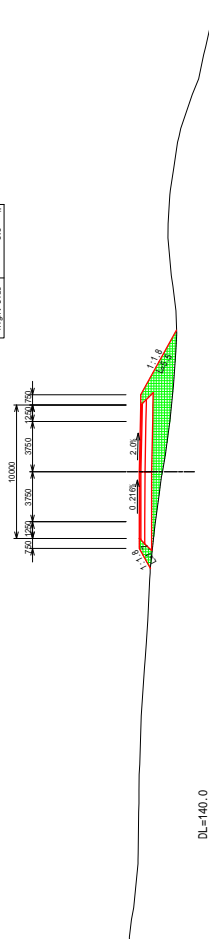
PK	213+850
Excavation	0.0 m
Shoulder	8.7 m
Enchantment	0.0 m
Shoulder	8.7 m
Excavation	0.0 m
Shoulder	10.5 m
Length of Excavation Slope	2.5 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Embankment Slope	0.0 m
Left Slope	5.1 m
Right Slope	11.4 m

PK213+850
 GH=139.82
 PH=145.125



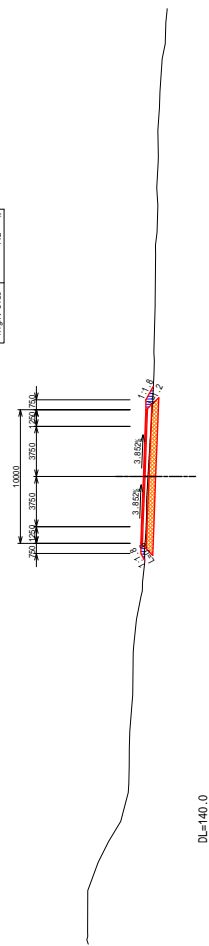
PK	213+900
Excavation	0.0 m
Shoulder	6.2 m
Enchantment	0.8 m
Shoulder	6.2 m
Excavation	0.0 m
Shoulder	10.5 m
Length of Excavation Slope	2.5 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Embankment Slope	0.6 m
Left Slope	0.6 m
Right Slope	1.2 m

PK213+900
 GH=144.63
 PH=144.975



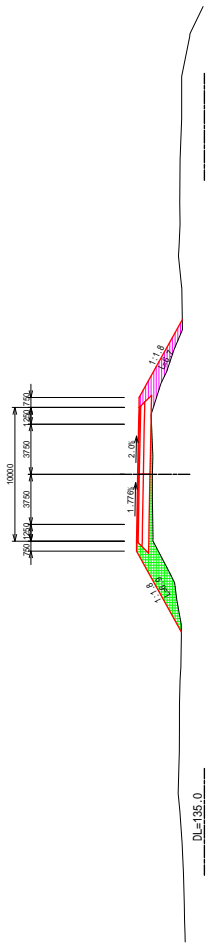
PK	213+900
Excavation	0.0 m
Shoulder	6.2 m
Enchantment	0.8 m
Shoulder	6.2 m
Excavation	0.0 m
Shoulder	10.5 m
Length of Excavation Slope	2.5 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Embankment Slope	1.7 m
Left Slope	1.7 m
Right Slope	5.5 m

PK213+800
 GH=143.56
 PH=145.275



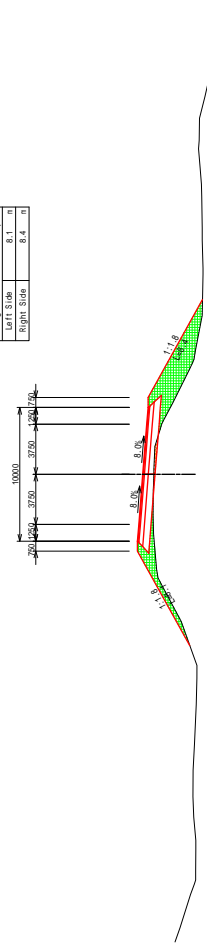
PK 214+150	
Excavation	0.0 m
Spill Out	0.0 m
Enlargement	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enlargement Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m

PK214+150
GH=138.90
PH=139.985



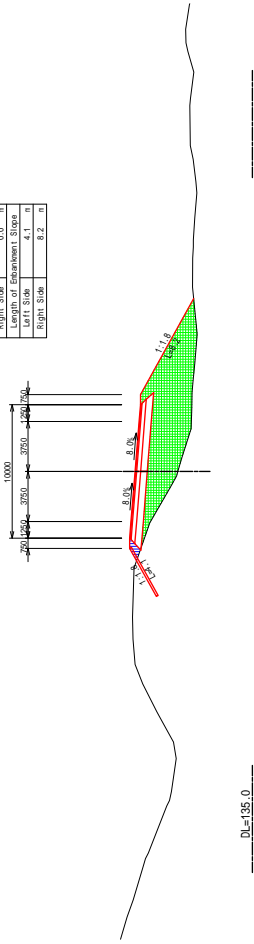
PK 214+100	
Excavation	0.0 m
Spill Out	0.4 m
Enlargement	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enlargement Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m

PK214+100
GH=141.06
PH=141.895



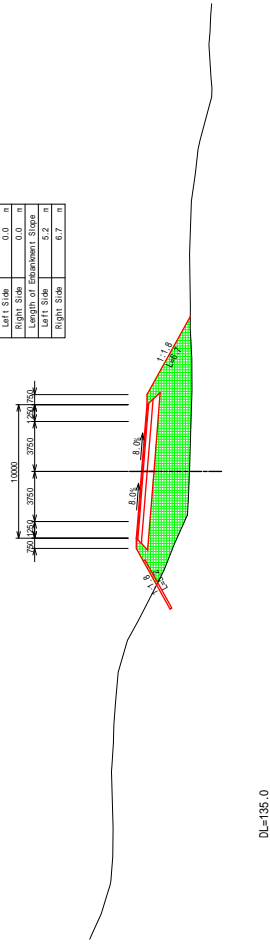
PK 214+50	
Excavation	0.0 m
Spill Out	0.0 m
Enlargement	0.7 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enlargement Slope	4.1 m
Left Side	4.1 m
Right Side	6.2 m

PK214+50
GH=140.58
PH=143.789



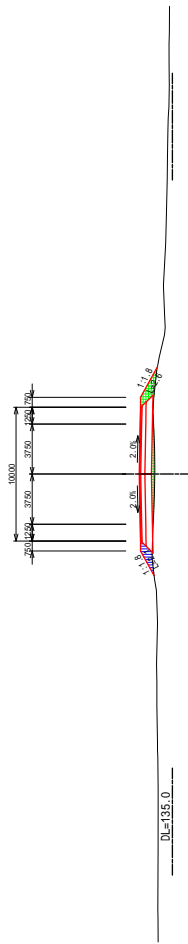
PK 214+0	
Excavation	0.0 m
Spill Out	0.0 m
Enlargement	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enlargement Slope	5.2 m
Left Side	5.2 m
Right Side	6.7 m

PK214
GH=141.08
PH=144.675



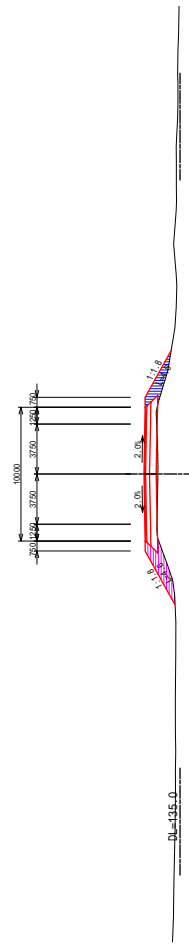
PK 214+350	
Excavation	0.0 m
Spore Side Cut	0.0 m
Embankment	1.1 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	2.1 m
Left Side	2.1 m
Right Side	2.8 m

PK214+350
 GH=136.34
 PH=137.495



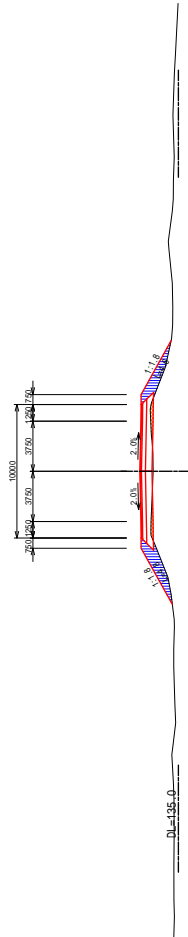
PK 214+300	
Excavation	0.0 m
Spore Side Cut	0.1 m
Embankment	2.4 m
Length of Excavation Slope	0.5 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	4.6 m
Left Side	4.6 m
Right Side	4.0 m

PK214+300
 GH=136.66
 PH=137.695



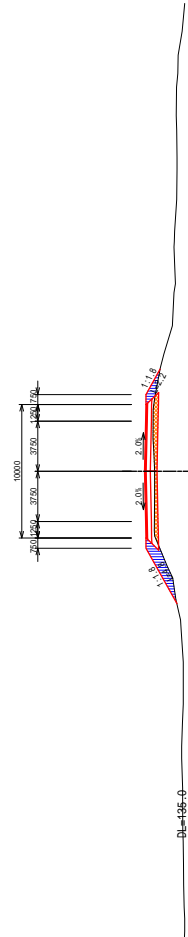
PK 214+250	
Excavation	0.0 m
Spore Side Cut	0.9 m
Embankment	6.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	4.8 m
Left Side	4.8 m
Right Side	4.0 m

PK214+250
 GH=136.90
 PH=137.895



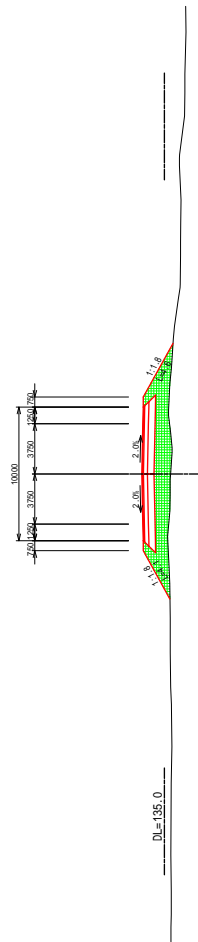
PK 214+200	
Excavation	0.0 m
Spore Side Cut	3.0 m
Embankment	4.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	4.8 m
Left Side	4.8 m
Right Side	2.2 m

PK214+200
 GH=137.58
 PH=138.308



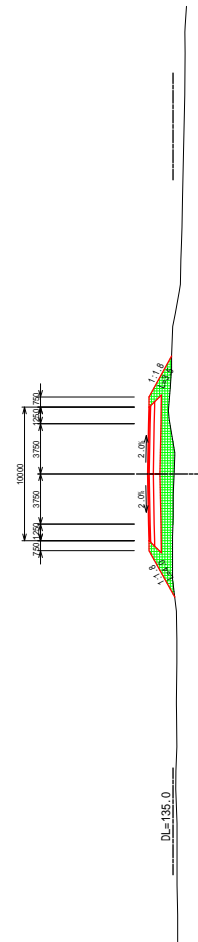
PK	214+550
Excavation	0.0 m
Shoulder Coat	0.0 m
Embankment	0.0 m
Length of Embankment Slope	0.0 m
Left Slope	2.0
Right Slope	2.0
Length of Embankment Slope	0.0 m
Left Slope	4.3
Right Slope	4.6

PK214+550
 GH=134.55
 PH=136.695



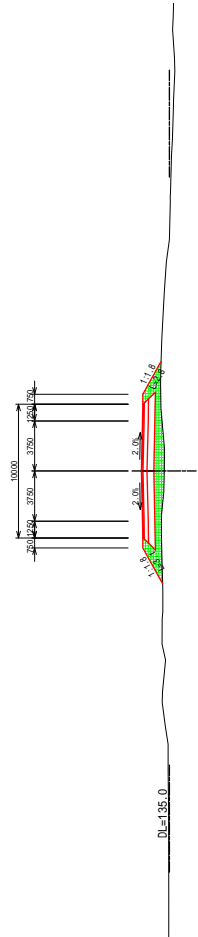
PK	214+500
Excavation	0.0 m
Shoulder Coat	0.0 m
Embankment	0.0 m
Length of Embankment Slope	0.0 m
Left Slope	2.3
Right Slope	2.3
Length of Embankment Slope	0.0 m
Left Slope	4.0
Right Slope	3.5

PK214+500
 GH=134.92
 PH=136.895



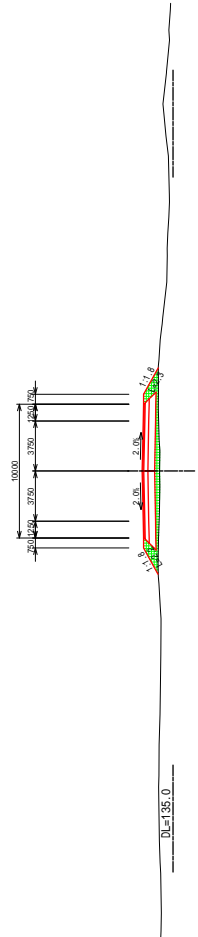
PK	214+450
Excavation	0.0 m
Shoulder Coat	0.0 m
Embankment	0.0 m
Length of Embankment Slope	0.0 m
Left Slope	3.1
Right Slope	2.8
Length of Embankment Slope	0.0 m
Left Slope	3.1
Right Slope	2.8

PK214+450
 GH=135.40
 PH=137.085



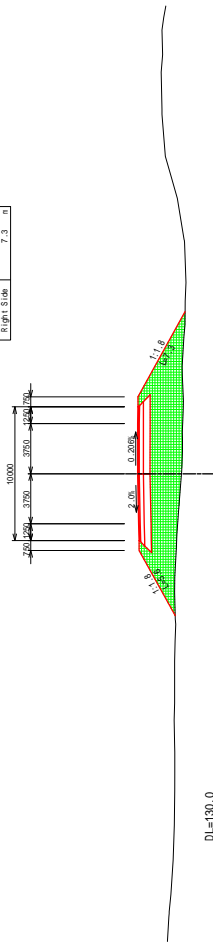
PK	214+400
Excavation	0.0 m
Shoulder Coat	0.0 m
Embankment	0.0 m
Length of Embankment Slope	0.0 m
Left Slope	2.3
Right Slope	2.3
Length of Embankment Slope	0.0 m
Left Slope	2.2
Right Slope	2.3

PK214+400
 GH=135.99
 PH=137.295



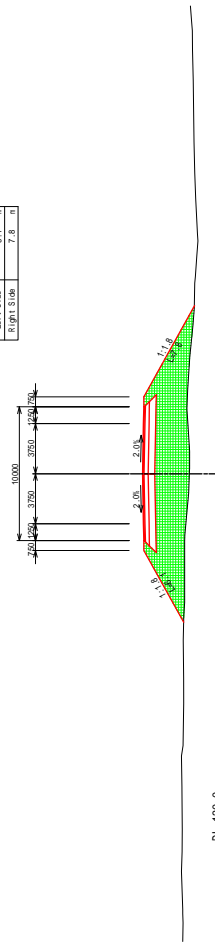
PK	214+750
Excavation	0.0 m
Subgrade	0.0 m
Enchantment	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Enchantment Slope	0.0 m
Left Slope	5.8 m
Right Slope	7.8 m

PK214+750
 GH=132.63
 PH=135.885



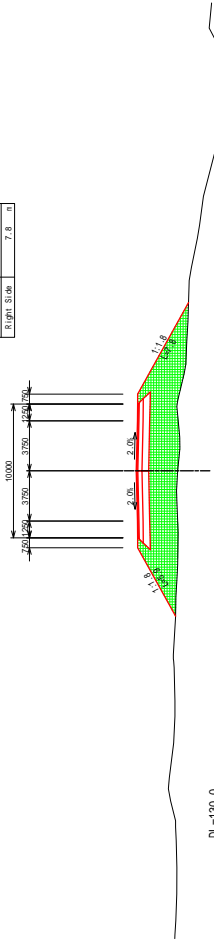
PK	214+700
Excavation	0.0 m
Subgrade	0.0 m
Enchantment	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Enchantment Slope	0.0 m
Left Slope	6.1 m
Right Slope	7.8 m

PK214+700
 GH=132.59
 PH=136.085



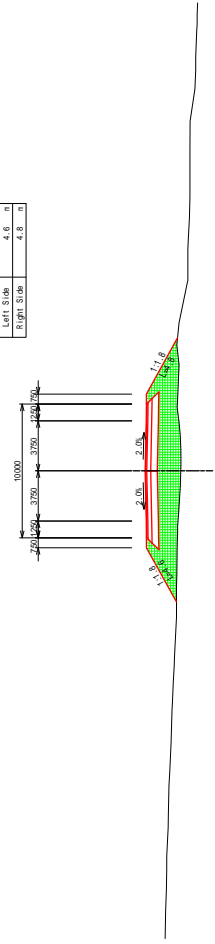
PK	214+650
Excavation	0.0 m
Subgrade	0.0 m
Enchantment	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Enchantment Slope	0.0 m
Left Slope	5.9 m
Right Slope	7.8 m

PK214+650
 GH=133.20
 PH=136.285



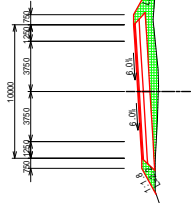
PK	214+600
Excavation	0.0 m
Subgrade	0.0 m
Enchantment	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Enchantment Slope	0.0 m
Left Slope	4.6 m
Right Slope	4.8 m

PK214+600
 GH=133.83
 PH=136.485



PK	214+850
Excavation	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	2.2 m
Left Slope	2.2 n
Right Slope	3.3 n

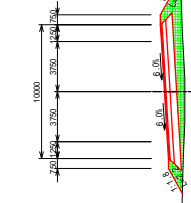
PK214+850
 GH=134.69
 PH=136.215



DL=130.0

PK	214+850
Excavation	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	2.2 m
Left Slope	2.2 n
Right Slope	3.3 n

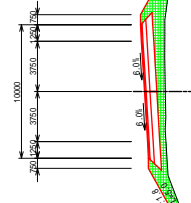
PK214+850
 GH=134.69
 PH=136.215



DL=130.0

PK	214+900
Excavation	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	5.0 m
Left Slope	5.0 n
Right Slope	5.4 n

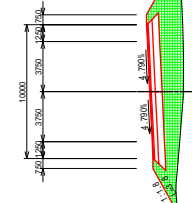
PK214+900
 GH=135.66
 PH=137.215



DL=130.0

PK	214+800
Excavation	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	3.9 m
Left Slope	3.9 n
Right Slope	5.2 n

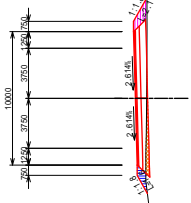
PK214+800
 GH=133.19
 PH=135.695



DL=130.0

PK	215+50
Excavation	0.0 m
Open Cut	1.2 m
Enbankment	0.7 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Left Slope	1.8 a
Right Slope	2.1 a

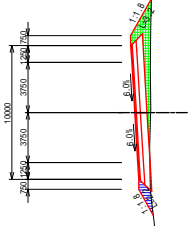
PK215+50
 GH=140.53
 PH=141.365



DL=135.0

PK	215+100
Excavation	0.0 m
Open Cut	0.1 m
Enbankment	1.1 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Left Slope	2.2 a
Right Slope	3.1 a

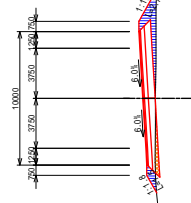
PK215+100
 GH=139.03
 PH=140.215



DL=135.0

PK	215+50
Excavation	0.0 m
Open Cut	0.0 m
Enbankment	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Left Slope	1.5 a
Right Slope	2.7 a

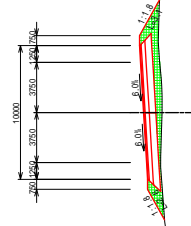
PK215+50
 GH=140.12
 PH=141.066



DL=135.0

PK	215+100
Excavation	0.0 m
Open Cut	0.0 m
Enbankment	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Left Slope	2.6 a
Right Slope	3.1 a

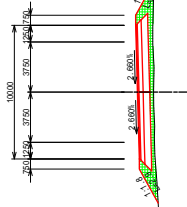
PK215+100
 GH=137.83
 PH=139.215



DL=135.0

PK	215+350
Excavation	0.0 m
Shoulder	0.0 m
Subgrade	0.0 m
Embankment	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	2.3 m
Left Side	2.3 m
Right Side	3.1 m

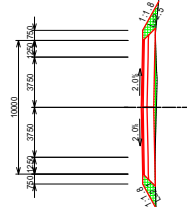
PK215+350
GH=140.75
PH=141.965



DL=135.0

PK	215+250
Excavation	0.0 m
Shoulder	0.0 m
Subgrade	0.0 m
Embankment	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	2.1 m
Left Side	2.1 m
Right Side	2.0 m

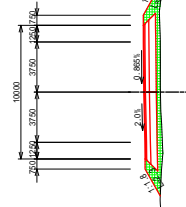
PK215+250
GH=140.54
PH=141.665



DL=135.0

PK	215+300
Excavation	0.0 m
Shoulder	0.0 m
Subgrade	0.0 m
Embankment	0.0 m
Length of Excavation Slope	2.4 m
Left Side	2.4 m
Right Side	0.0 m
Length of Embankment Slope	2.3 m
Left Side	2.3 m
Right Side	3.1 m

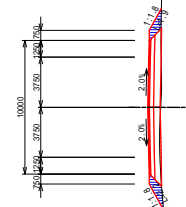
PK215+300
GH=140.57
PH=141.815



DL=135.0

PK	215+200
Excavation	0.0 m
Shoulder	0.4 m
Subgrade	0.4 m
Embankment	2.2 m
Length of Excavation Slope	0.2 m
Left Side	0.2 m
Right Side	0.0 m
Length of Embankment Slope	2.2 m
Left Side	2.2 m
Right Side	1.9 m

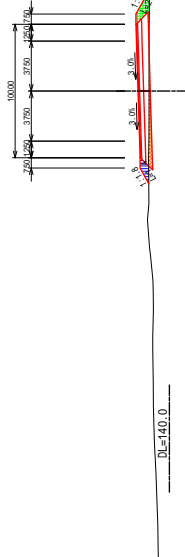
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PH=141.515



DL=135.0

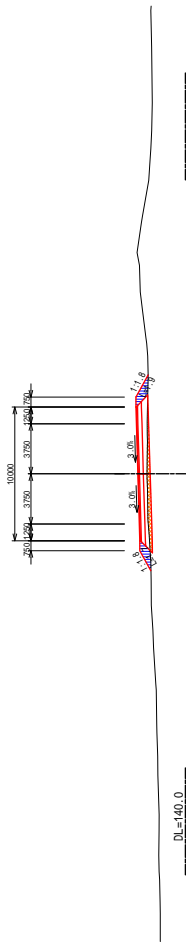
PK 215+450	
Excavation	
Excavation	0.0 m
Spill Slope	1.3 m
Embankment	0.7 m
Spill Slope	1.0 m
Embankment	0.0 m
Spill Slope	0.0 m
Embankment	0.0 m
Length of Embankment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Embankment Slope	0.0 m
Left Slope	1.4 m
Right Slope	2.1 m

PK215+450
GH=141.53
PH=142.353



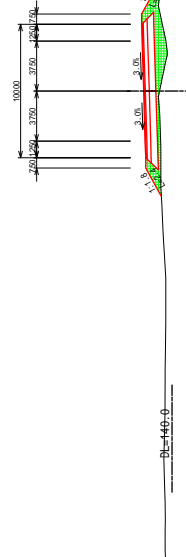
PK 215+550	
Excavation	
Excavation	0.0 m
Spill Slope	2.1 m
Embankment	1.9 m
Spill Slope	0.0 m
Embankment	0.0 m
Spill Slope	0.0 m
Embankment	0.0 m
Length of Embankment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Embankment Slope	1.7 m
Left Slope	1.7 m
Right Slope	1.9 m

PK215+550
GH=142.388
PH=143.565



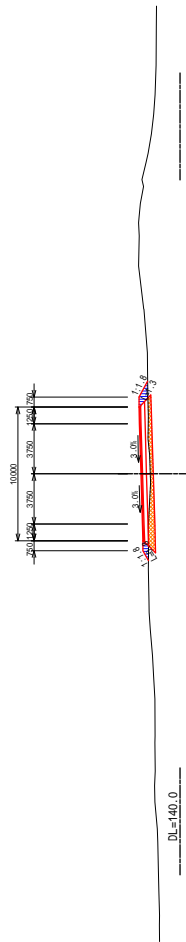
PK 215+400	
Excavation	
Excavation	0.0 m
Spill Slope	0.0 m
Embankment	0.0 m
Spill Slope	0.0 m
Embankment	0.0 m
Spill Slope	0.0 m
Embankment	0.0 m
Length of Embankment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Embankment Slope	0.0 m
Left Slope	2.4 m
Right Slope	3.0 m

PK215+400
GH=140.93
PH=142.115



PK 215+500	
Excavation	
Excavation	0.0 m
Spill Slope	3.6 m
Embankment	1.1 m
Spill Slope	0.0 m
Embankment	0.0 m
Spill Slope	0.0 m
Embankment	0.0 m
Length of Embankment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Embankment Slope	0.8 m
Left Slope	0.8 m
Right Slope	1.3 m

PK215+500
GH=142.21
PH=142.915



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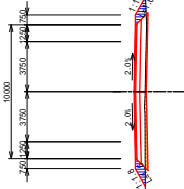
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PK 215+750	
Excavation	0.0 m
Shoulder	1.4 m
Enbankment	1.7 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	0.0 m
Left Slope	1.8 m
Right Slope	1.8 m

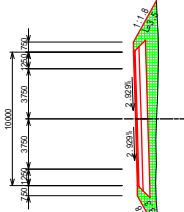
PK215+750
 GH=145.33
 PH=146.165



DL=140.0

PK 215+650	
Excavation	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	0.0 m
Left Slope	3.3 m
Right Slope	3.3 m

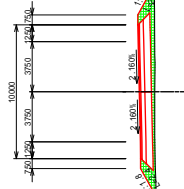
PK215+650
 GH=143.28
 PH=144.865



DL=140.0

PK 215+700	
Excavation	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	0.0 m
Left Slope	2.4 m
Right Slope	2.4 m

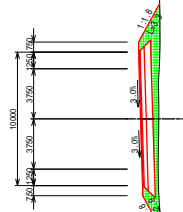
PK215+700
 GH=144.34
 PH=145.515



DL=140.0

PK 215+600	
Excavation	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	0.0 m
Left Slope	2.9 m
Right Slope	3.3 m

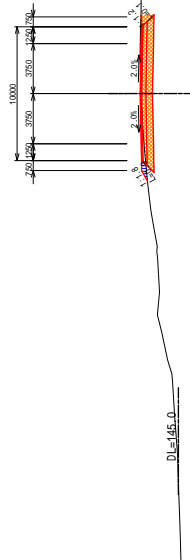
PK215+600
 GH=142.87
 PH=144.215



DL=140.0

PK 215+850	
Excavation	0.0 m
Shoulder Slope	8.8 m
Enbankment	0.3 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Enbankment Slope	0.0 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Enbankment Slope	0.0 m
Left Slope	0.0 m
Right Slope	0.0 m

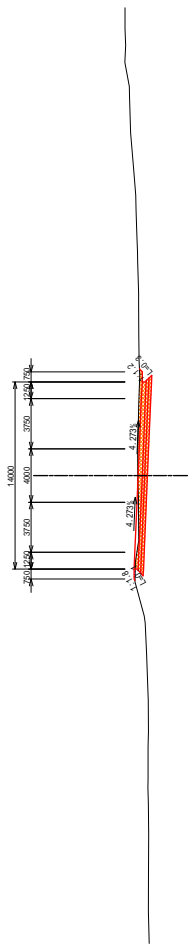
PK215+850
 CH=147.82
 PH=147.865



DL=145.0

PK 215+950	
Excavation	0.0 m
Shoulder Slope	10.2 m
Enbankment	0.1 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Enbankment Slope	0.0 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Enbankment Slope	0.0 m
Left Slope	0.0 m
Right Slope	0.0 m

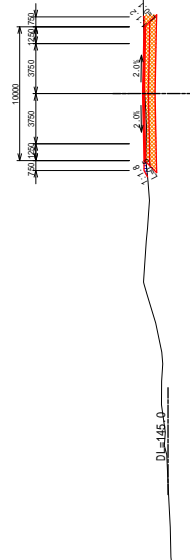
PK215+950
 CH=149.88
 PH=149.865



DL=145.0

PK 215+800	
Excavation	0.0 m
Shoulder Slope	9.4 m
Enbankment	0.2 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Enbankment Slope	0.0 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Enbankment Slope	0.0 m
Left Slope	0.0 m
Right Slope	0.0 m

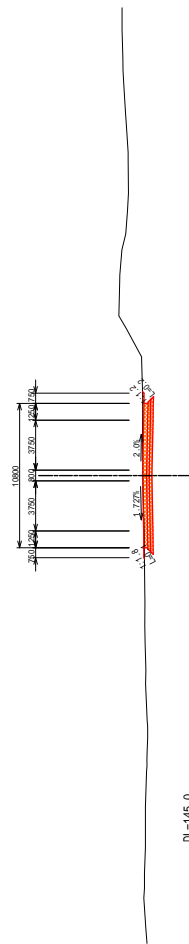
PK215+800
 CH=146.73
 PH=146.865



DL=145.0

PK 215+900	
Excavation	0.0 m
Shoulder Slope	7.9 m
Enbankment	0.0 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Enbankment Slope	0.0 m
Left Slope	0.0 m
Right Slope	0.0 m
Length of Enbankment Slope	0.0 m
Left Slope	0.0 m
Right Slope	0.0 m

PK215+900
 CH=148.88
 PH=148.915



DL=145.0



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JAPAN INTERNATIONAL COOPERATION AGENCY
 YACHIYO ENGINEERING CO., LTD.

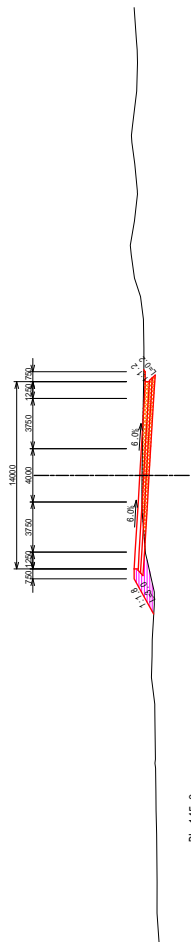
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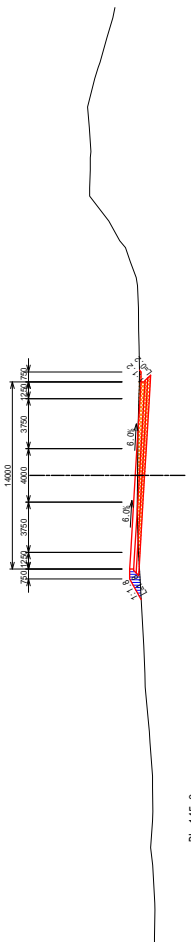
PK	216+150
Excavation	0.0 m
Shoulder Slope	6.7 m
Enchantment	0.0 m
Shoulder Slope	3.0 m
Shoulder Slope	3.0 m
Length of Excavation Slope	0.0 m
Left Side	0.2 m
Right Side	0.2 m
Length of Enchantment Slope	3.0 m
Left Side	0.0 m
Right Side	0.0 m

PK216+150
GH=149.37
PH=149.545



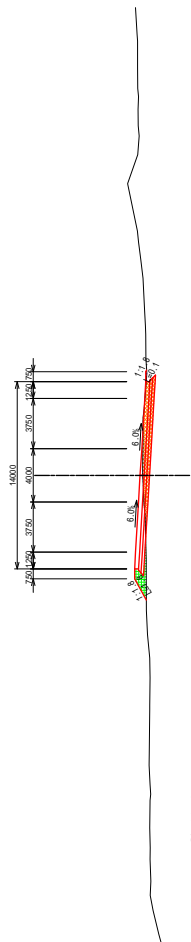
PK	216+50
Excavation	0.0 m
Shoulder Slope	7.2 m
Enchantment	1.1 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.2 m
Length of Enchantment Slope	1.8 m
Left Side	0.0 m
Right Side	0.0 m

PK216+50
GH=148.77
PH=149.075



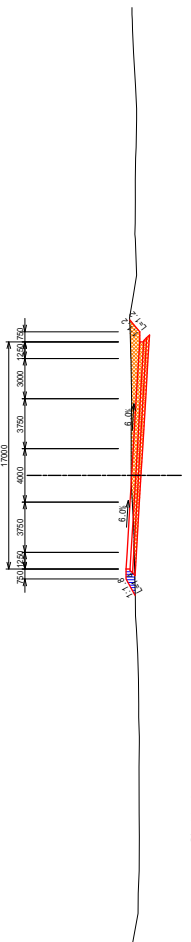
PK	216+100
Excavation	0.0 m
Shoulder Slope	5.9 m
Enchantment	0.0 m
Shoulder Slope	2.8 m
Shoulder Slope	1.4 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enchantment Slope	1.8 m
Left Side	0.1 m
Right Side	0.1 m

PK216+100
GH=149.50
PH=149.695



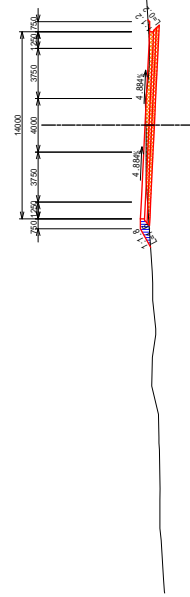
PK	216+0
Excavation	0.0 m
Shoulder Slope	14.0 m
Enchantment	0.8 m
Shoulder Slope	2.5 m
Shoulder Slope	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	1.2 m
Length of Enchantment Slope	1.4 m
Left Side	0.0 m
Right Side	0.0 m

PK216
GH=150.36
PH=150.327



PK 216+250	
Excavation	0.0 m
Spore Coat	7.8 m
Enchantment	0.8 m
Length of Enchantment Slope	0.0 m
Left Side	0.0 m
Right Side	0.2 m
Length of Enchantment Slope	1.8 m
Left Side	0.0 m
Right Side	0.0 m

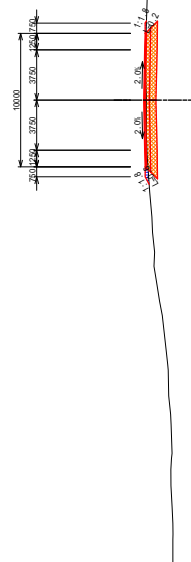
PK216+250
GH=149.38
PH=149.448



DL=145.0

PK 216+350	
Excavation	0.0 m
Spore Coat	8.6 m
Enchantment	0.3 m
Length of Enchantment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enchantment Slope	0.8 m
Left Side	0.8 m
Right Side	0.2 m

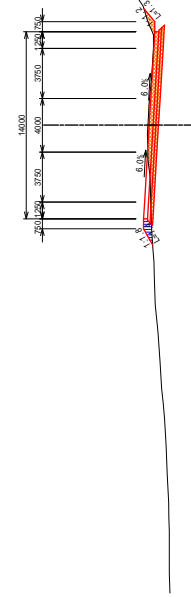
PK216+350
GH=150.56
PH=150.745



DL=145.0

PK 216+200	
Excavation	0.0 m
Spore Coat	9.4 m
Enchantment	0.7 m
Length of Enchantment Slope	0.0 m
Left Side	0.0 m
Right Side	1.3 m
Length of Enchantment Slope	1.4 m
Left Side	0.0 m
Right Side	0.0 m

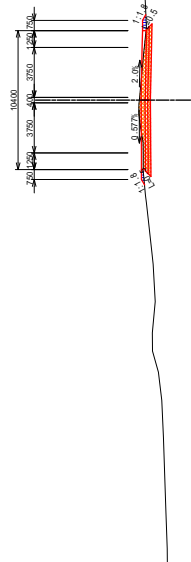
PK216+200
GH=149.49
PH=149.395



DL=145.0

PK 216+300	
Excavation	0.0 m
Spore Coat	7.2 m
Enchantment	0.4 m
Length of Enchantment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enchantment Slope	0.5 m
Left Side	0.5 m
Right Side	0.5 m

PK216+300
GH=150.13
PH=149.995



DL=145.0



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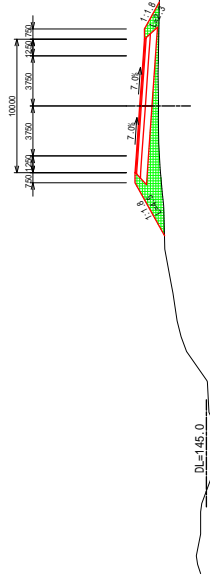
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PK 216+550	
Excavation	0.0 m ²
2000/2000/50/1	0.0 m ²
Embankment	0.0 m ²
2000/2000/50/1	0.0 m ²
Length of Embankment Slope	1.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	4.5 m
Left Side	2.3 m
Right Side	2.3 m

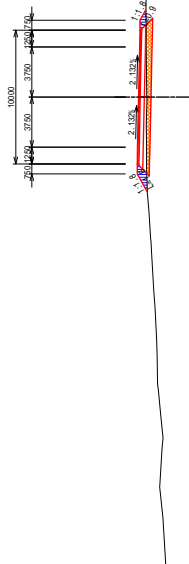
PK216+550
GH=448.60
PH=449.995



DL=145.0

PK 216+450	
Excavation	0.0 m ²
2000/2000/50/1	3.8 m ²
Embankment	1.2 m ²
2000/2000/50/1	0.0 m ²
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	1.8 m
Left Side	0.9 m
Right Side	0.9 m

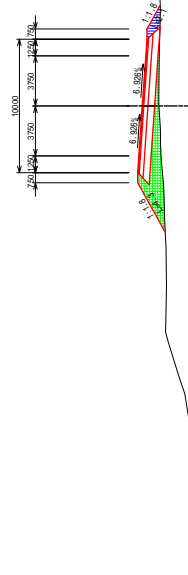
PK216+450
GH=151.53
PH=152.245



DL=145.0

PK 216+500	
Excavation	0.0 m ²
2000/2000/50/1	0.0 m ²
Embankment	1.2 m ²
2000/2000/50/1	0.0 m ²
Length of Embankment Slope	2.3 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	4.3 m
Left Side	2.1 m
Right Side	2.1 m

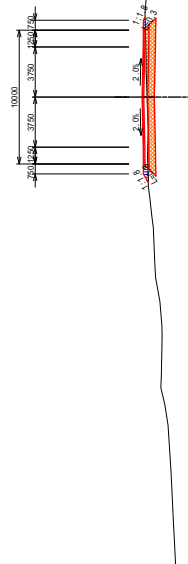
PK216+500
GH=150.90
PH=152.151



DL=145.0

PK 216+400	
Excavation	0.0 m ²
2000/2000/50/1	6.8 m ²
Embankment	0.4 m ²
2000/2000/50/1	0.0 m ²
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	0.8 m
Left Side	0.3 m
Right Side	0.3 m

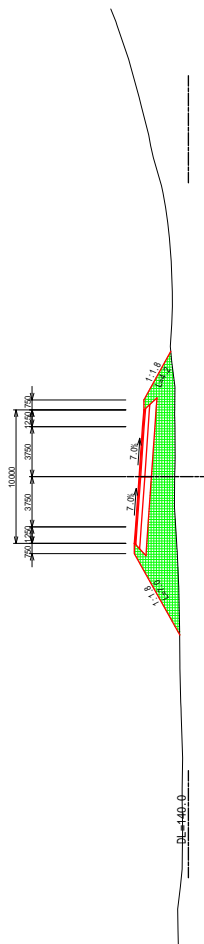
PK216+400
GH=151.13
PH=151.485



DL=145.0

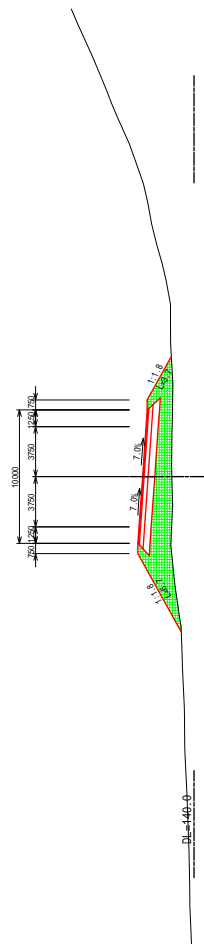
PK	216+750
Excavation	0.0 m
200g Sand Soil	0.0 m
300g Soil	0.0 m
Enbankment	0.0 m
200g Sand Soil	0.0 m
300g Soil	0.0 m
Length of Enbankment Slope	9.2 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	7.0 m
Left Slope	9.1 m
Right Slope	4.2 m

PK216+750
 GH=141.00
 PH=143.685



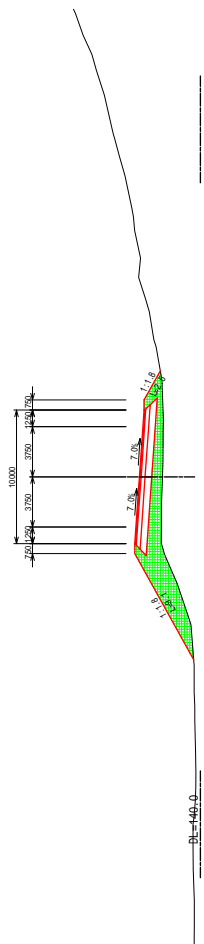
PK	216+700
Excavation	0.0 m
200g Sand Soil	0.0 m
300g Soil	0.0 m
Enbankment	0.0 m
200g Sand Soil	0.0 m
300g Soil	0.0 m
Length of Enbankment Slope	26.8 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	9.7 m
Left Slope	9.7 m
Right Slope	3.7 m

PK216+700
 GH=141.06
 PH=143.645



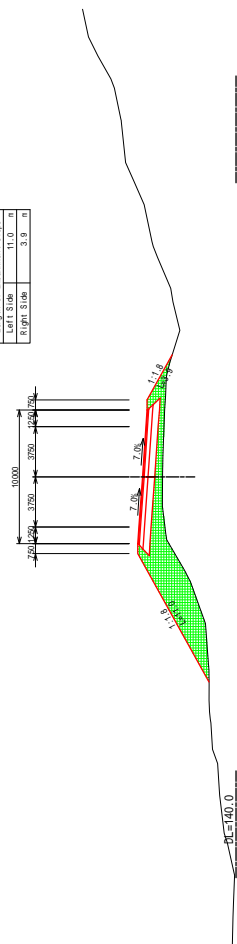
PK	216+650
Excavation	0.0 m
200g Sand Soil	0.0 m
300g Soil	0.0 m
Enbankment	0.0 m
200g Sand Soil	0.0 m
300g Soil	0.0 m
Length of Enbankment Slope	20.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	9.1 m
Left Slope	9.1 m
Right Slope	4.0 m

PK216+650
 GH=142.85
 PH=144.585



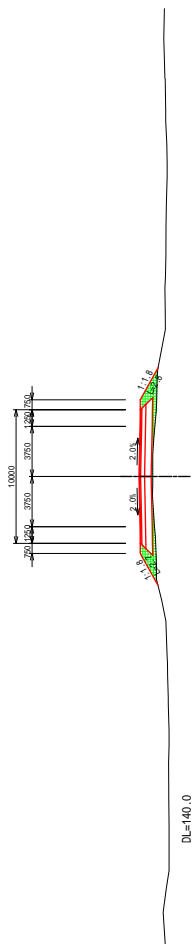
PK	216+600
Excavation	0.0 m
200g Sand Soil	0.0 m
300g Soil	0.0 m
Enbankment	0.0 m
200g Sand Soil	0.0 m
300g Soil	0.0 m
Length of Enbankment Slope	29.7 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enbankment Slope	11.0 m
Left Slope	11.0 m
Right Slope	3.9 m

PK216+600
 GH=145.49
 PH=146.985



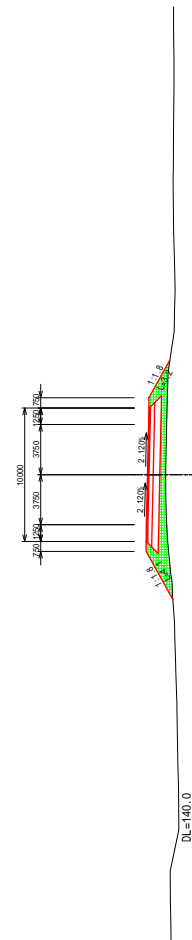
PK 216+850	
Excavation	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Separation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Embankment Slope	0.0 m
Left Slope	4.1 n
Right Slope	3.2 n

PK216+850
 GH=142.06
 PH=143.438



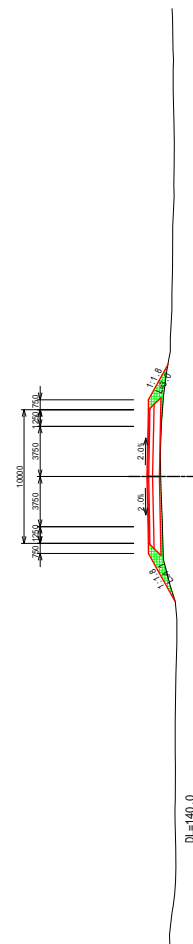
PK 216+850	
Excavation	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Separation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Embankment Slope	0.0 m
Left Slope	4.1 n
Right Slope	3.2 n

PK216+850
 GH=142.06
 PH=143.438



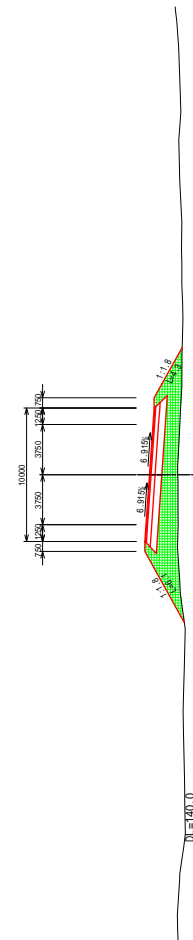
PK 216+900	
Excavation	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Separation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Embankment Slope	0.0 m
Left Slope	4.1 n
Right Slope	3.0 n

PK216+900
 GH=142.70
 PH=143.720



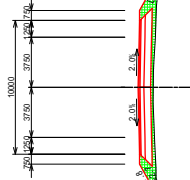
PK 216+800	
Excavation	0.0 m
Shoulder	0.0 m
Enbankment	0.0 m
Length of Separation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Embankment Slope	0.0 m
Left Slope	6.1 n
Right Slope	4.3 n

PK216+800
 GH=141.43
 PH=143.545



PK 217+150	
Excavation	0.0 m
Shoulder Slope	0.0 m
Enbankment	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enbankment Slope	2.7 m
Left Side	2.7 m
Right Side	3.1 m

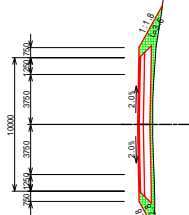
PK217+150
 GH=144.35
 PH=145.480



DL=140.0

PK 217+50	
Excavation	0.0 m
Shoulder Slope	0.0 m
Enbankment	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enbankment Slope	2.8 m
Left Side	2.8 m
Right Side	3.0 m

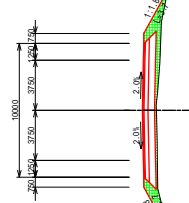
PK217+50
 GH=143.64
 PH=144.780



DL=140.0

PK 217+100	
Excavation	0.0 m
Shoulder Slope	0.0 m
Enbankment	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enbankment Slope	3.7 m
Left Side	3.7 m
Right Side	3.7 m

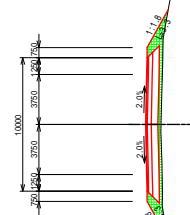
PK217+100
 GH=144.08
 PH=145.130



DL=140.0

PK 217+0	
Excavation	0.0 m
Shoulder Slope	0.0 m
Enbankment	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Enbankment Slope	3.3 m
Left Side	3.3 m
Right Side	3.3 m

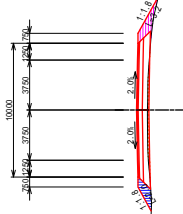
PK217
 GH=143.28
 PH=144.430



DL=140.0

PK	217+350
Excavation	0.0 m
Shoulder Slope	0.9 m
Shoulder Slope	0.9 m
Shoulder Slope	1.2 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	2.0 m
Left Side	2.0 m
Right Side	2.2 m

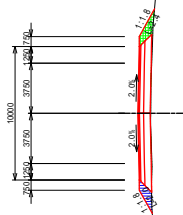
PK217+350
GH=146.06
PH=146.880



DL=140.0

PK	217+250
Excavation	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	1.1 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	2.0 m
Left Side	2.0 m
Right Side	2.4 m

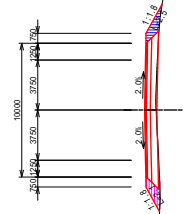
PK217+250
GH=145.72
PH=146.180



DL=140.0

PK	217+300
Excavation	0.0 m
Shoulder Slope	0.4 m
Shoulder Slope	0.4 m
Shoulder Slope	1.3 m
Shoulder Slope	1.5 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	2.1 m
Left Side	2.1 m
Right Side	2.5 m

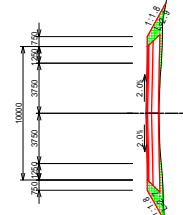
PK217+300
GH=145.67
PH=146.530



DL=140.0

PK	217+200
Excavation	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	0.0 m
Shoulder Slope	2.5 m
Shoulder Slope	0.0 m
Length of Excavation Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	2.7 m
Left Side	2.7 m
Right Side	2.9 m

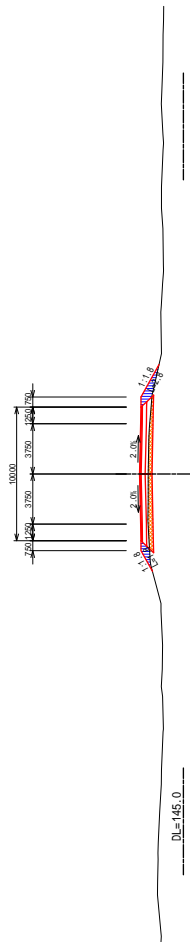
PK217+200
GH=144.85
PH=145.530



DL=140.0

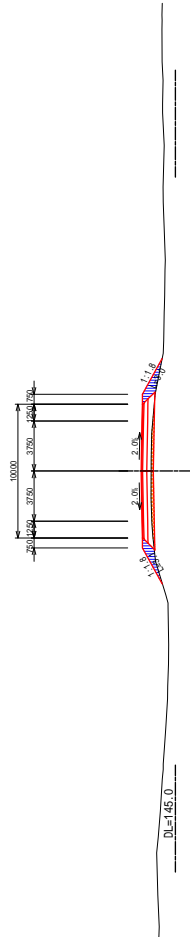
PK	217+450
Excavation	0.0 m
Shoulder	3.3 m
Embankment	2.0 m
Shoulder	3.3 m
Excavation	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	1.8 m
Left Side	1.8 m
Right Side	2.8 m

PK217+450
GH=147.65
PH=148.280



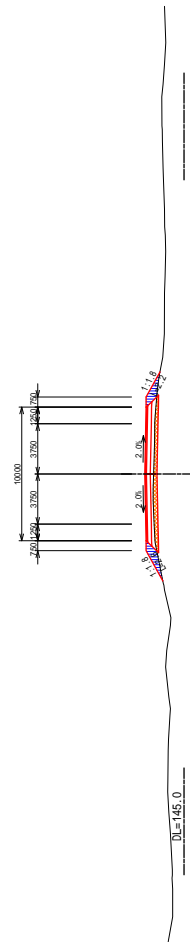
PK	217+450
Excavation	0.0 m
Shoulder	1.7 m
Embankment	2.0 m
Shoulder	1.7 m
Excavation	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	3.1 m
Left Side	3.1 m
Right Side	3.0 m

PK217+450
GH=146.82
PH=147.580



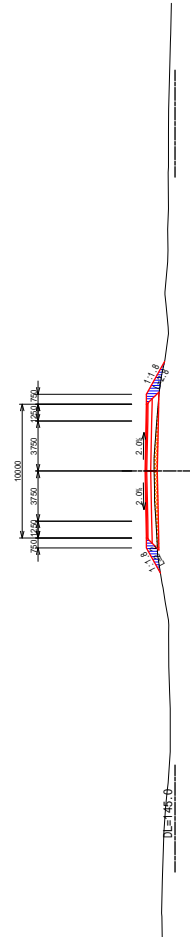
PK	217+500
Excavation	0.0 m
Shoulder	3.0 m
Embankment	2.2 m
Shoulder	3.0 m
Excavation	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	2.6 m
Left Side	2.6 m
Right Side	2.2 m

PK217+500
GH=147.27
PH=147.930



PK	217+400
Excavation	0.0 m
Shoulder	2.1 m
Embankment	2.4 m
Shoulder	2.5 m
Excavation	0.0 m
Length of Embankment Slope	0.0 m
Left Side	0.0 m
Right Side	0.0 m
Length of Embankment Slope	2.2 m
Left Side	2.2 m
Right Side	2.8 m

PK217+400
GH=146.55
PH=147.230



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YACHIYO ENGINEERING CO., LTD.

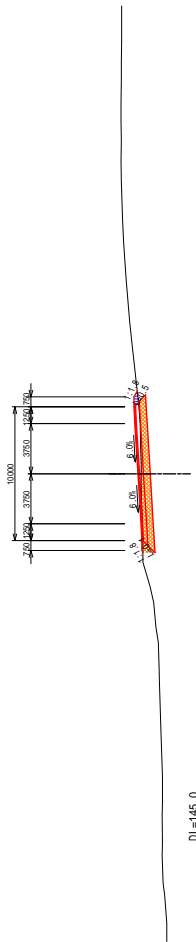
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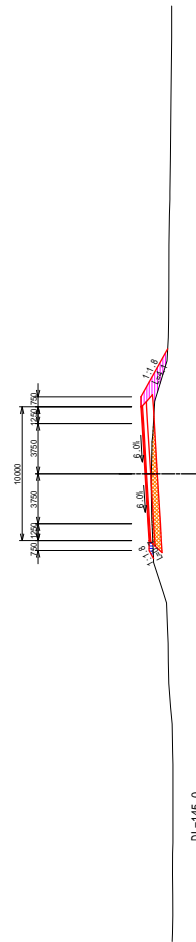
PK	217+750
Excavation	0.0 m
Shoulder	7.9 m
Enchantment	0.3 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.3 n

PK217+750
GH=149.44
PH=149.680



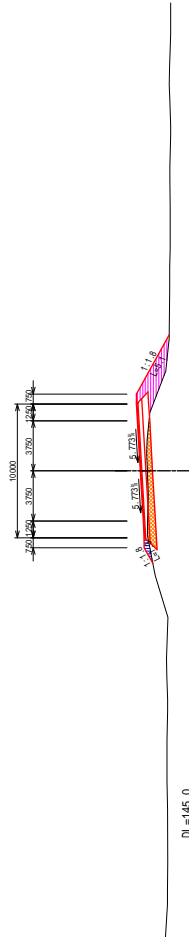
PK	217+700
Excavation	0.0 m
Shoulder	4.3 m
Enchantment	0.3 m
Length of Excavation Slope	2.7 m
Left Slope	0.0 n
Right Slope	4.1 n

PK217+700
GH=148.86
PH=149.330



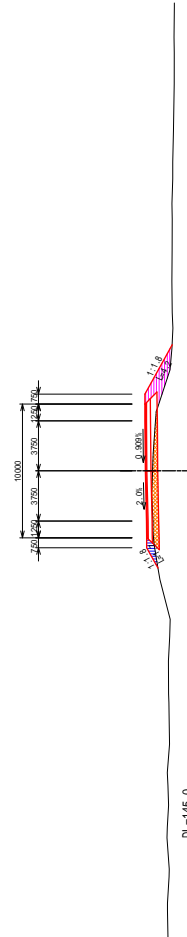
PK	217+650
Excavation	0.0 m
Shoulder	3.9 m
Enchantment	0.5 m
Length of Excavation Slope	0.0 m
Left Slope	0.0 n
Right Slope	1.3 n

PK217+650
GH=148.45
PH=148.980



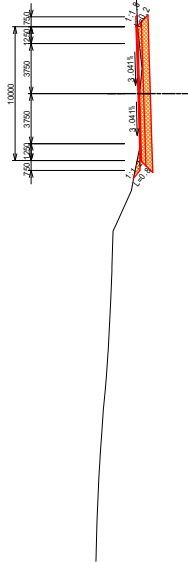
PK	217+600
Excavation	0.0 m
Shoulder	3.5 m
Enchantment	0.7 m
Length of Excavation Slope	3.3 m
Left Slope	0.0 n
Right Slope	1.7 n

PK217+600
GH=148.10
PH=148.630



PK 217+850	
Excavation	0.0 m
Shoulder	9.0 m
Enchantment	0.1 m
Shoulder	0.0 m
Shoulder	0.0 m
Length of Enchantment Slope	0.0 m
Left Slope	0.8 n
Right Slope	0.0 n
Length of Enchantment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.2 n

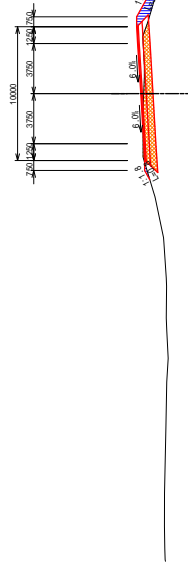
PK217+850
GH=150.23
PH=150.345



DL=145.0

PK 217+800	
Excavation	0.0 m
Shoulder	7.5 m
Enchantment	1.9 m
Shoulder	0.0 m
Shoulder	0.0 m
Length of Enchantment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.0 n
Length of Enchantment Slope	0.0 m
Left Slope	0.8 n
Right Slope	3.1 n

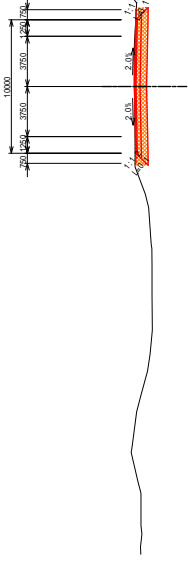
PK217+800
GH=149.81
PH=150.030



DL=145.0

PK 217+890	
Excavation	0.0 m
Shoulder	11.1 m
Enchantment	0.0 m
Shoulder	0.0 m
Shoulder	0.0 m
Length of Enchantment Slope	0.0 m
Left Slope	0.1 n
Right Slope	0.0 n
Length of Enchantment Slope	0.0 m
Left Slope	0.0 n
Right Slope	0.1 n

PK217+890
GH=150.51
PH=150.500



DL=145.0



REPUBLIQUE DE DJIBOUTI
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JAPAN INTERNATIONAL COOPERATION AGENCY
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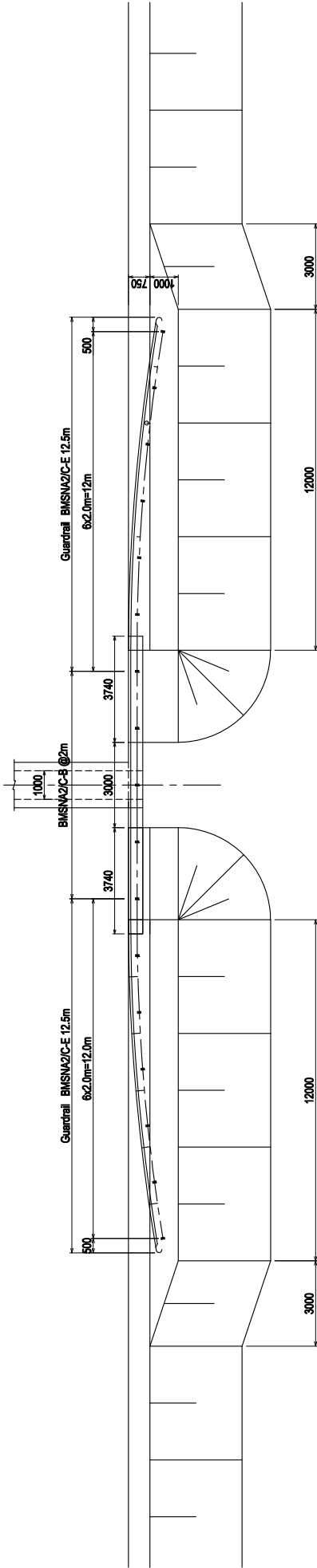
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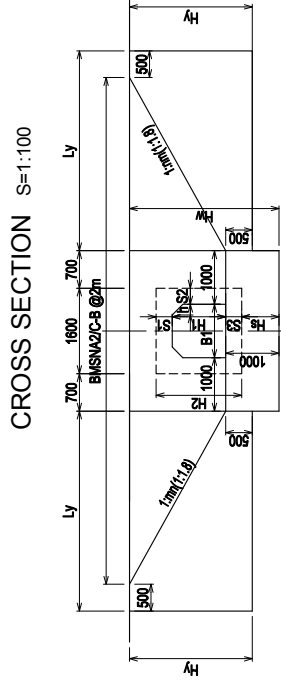
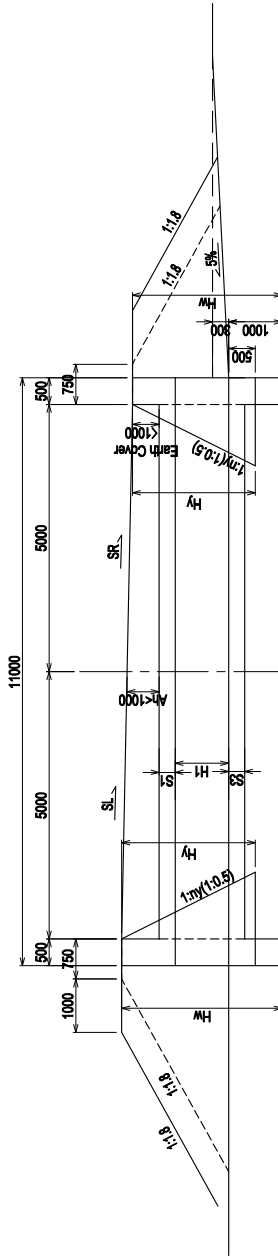
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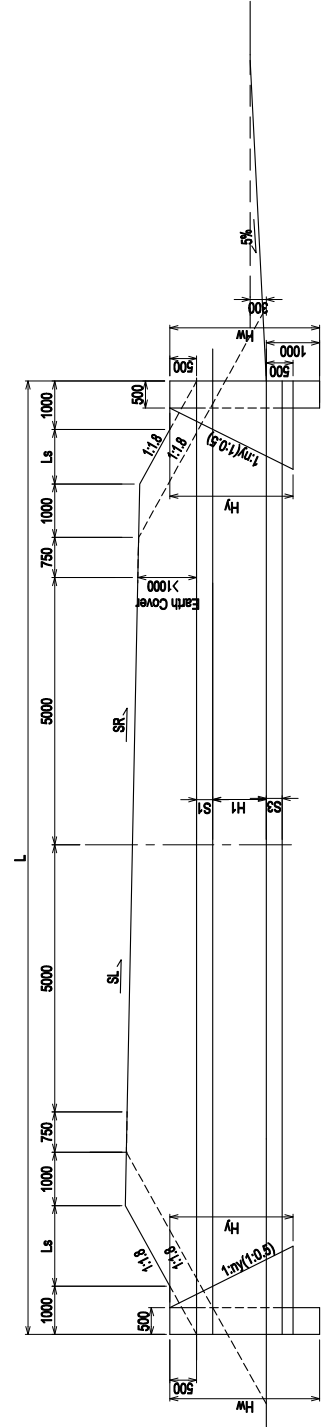
PLAN S=1:150



Type-A S=1:100
(Earth Cover Depth at Edge of Shoulder < 1000)



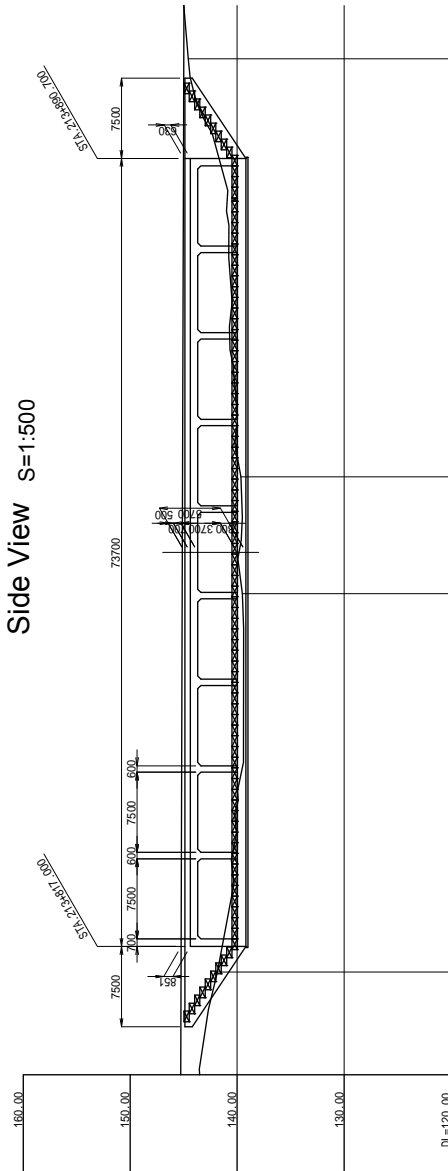
Type-B S=1:100
(Earth Cover Depth at Edge of Shoulder > 1000)



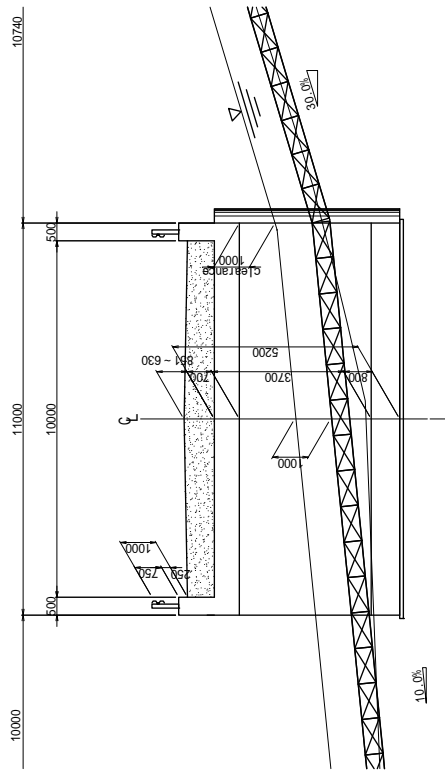
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GENERAL DRAWING OF BOX CULVERT (Box-36 at PK213+843)

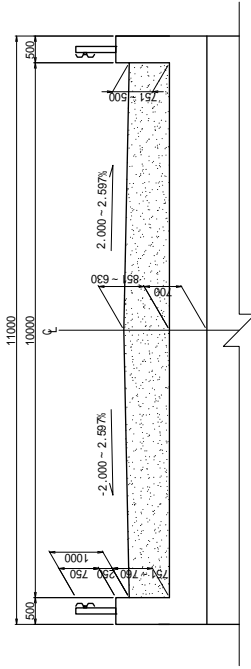
Side View S=1:500



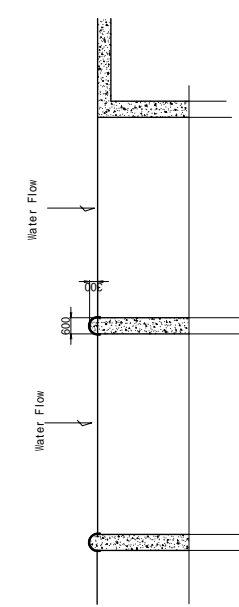
Cross Section S=1:150



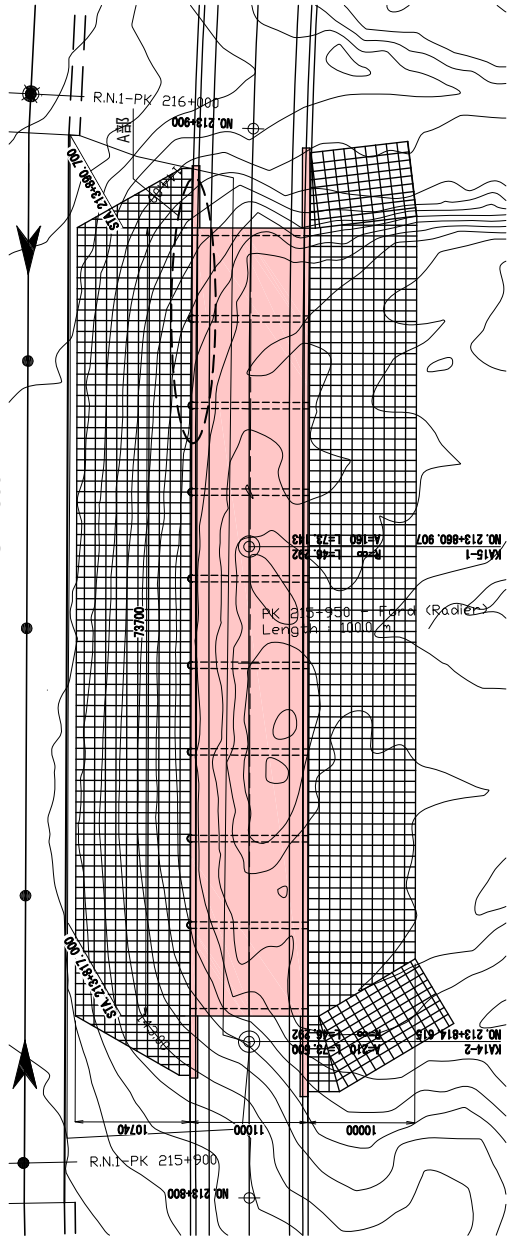
Pavement Details S=1:100



"A" Detail S=1:200



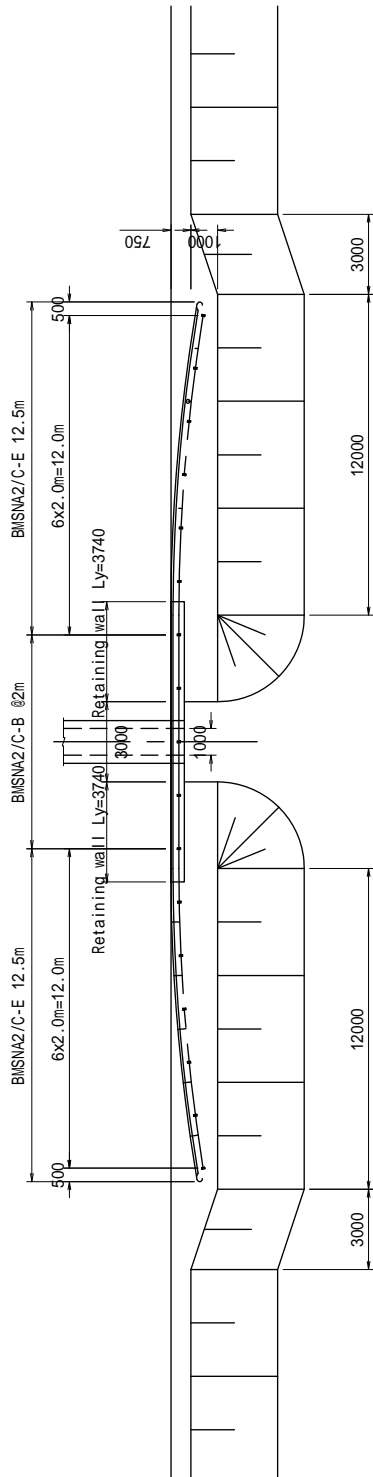
Plan S=1:500



測点	地盤高	計画高	勾配
K414-2 STA.213 +817	141.85	145.234	1:50-3.00% L=314.72m
K415-1	139.52	145.133	
+850	139.52	145.133	
+890.7	141.703	145.013	
+900	144.57	144.985	

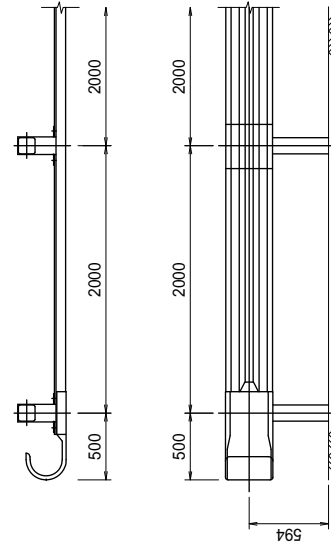
STANDARD DRAWING OF GAURDRAIL

Plan S=1:200

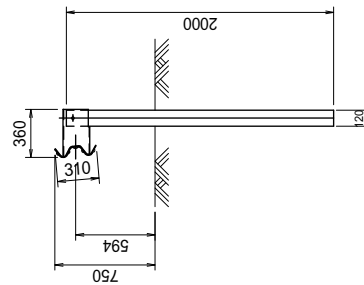


Structural Drawing S=1:40
(BMSNA2/C-E, BMSNA2/C-B)

Front View



Side View



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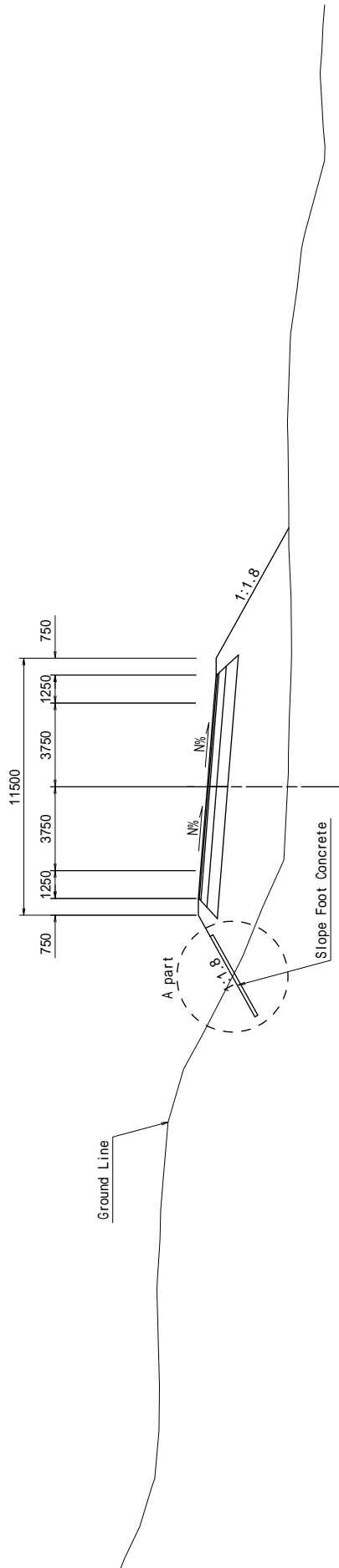
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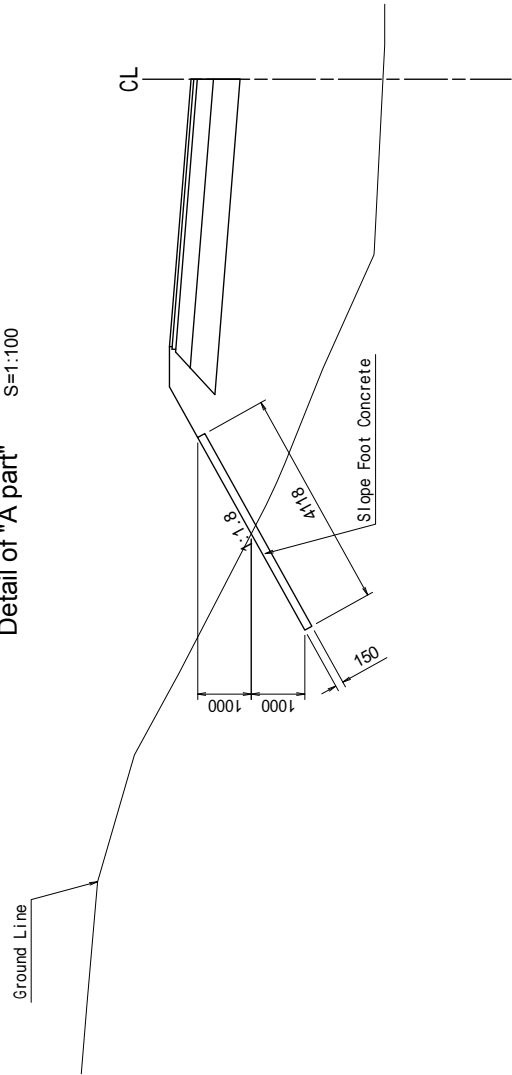
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STANDARD DRAWING OF FOOT STRUCTURE OF SLOPE

Typical Cross Section S=1:200

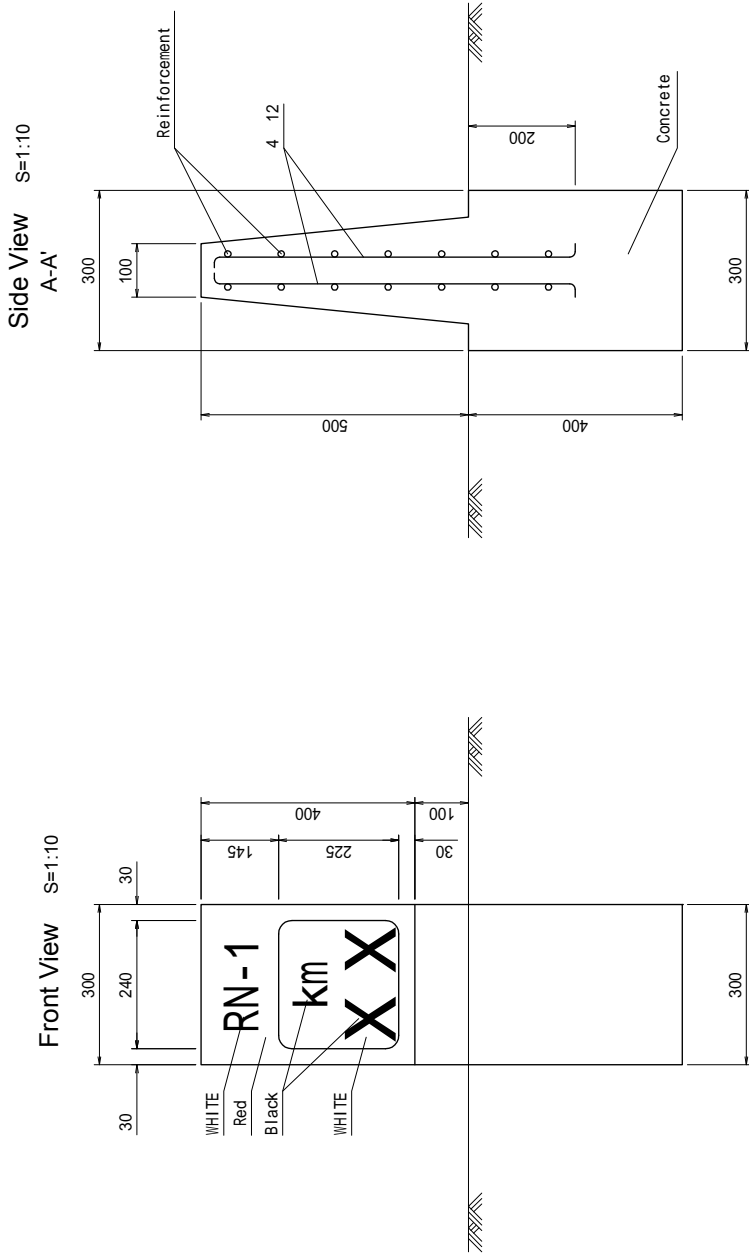


Detail of "A part" S=1:100

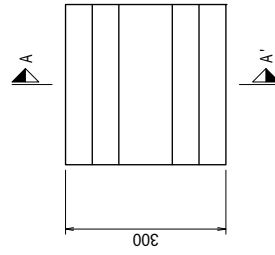


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STANDARD DRAWING OF PK POST



PLAN S=1:10



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