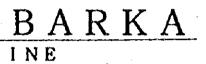


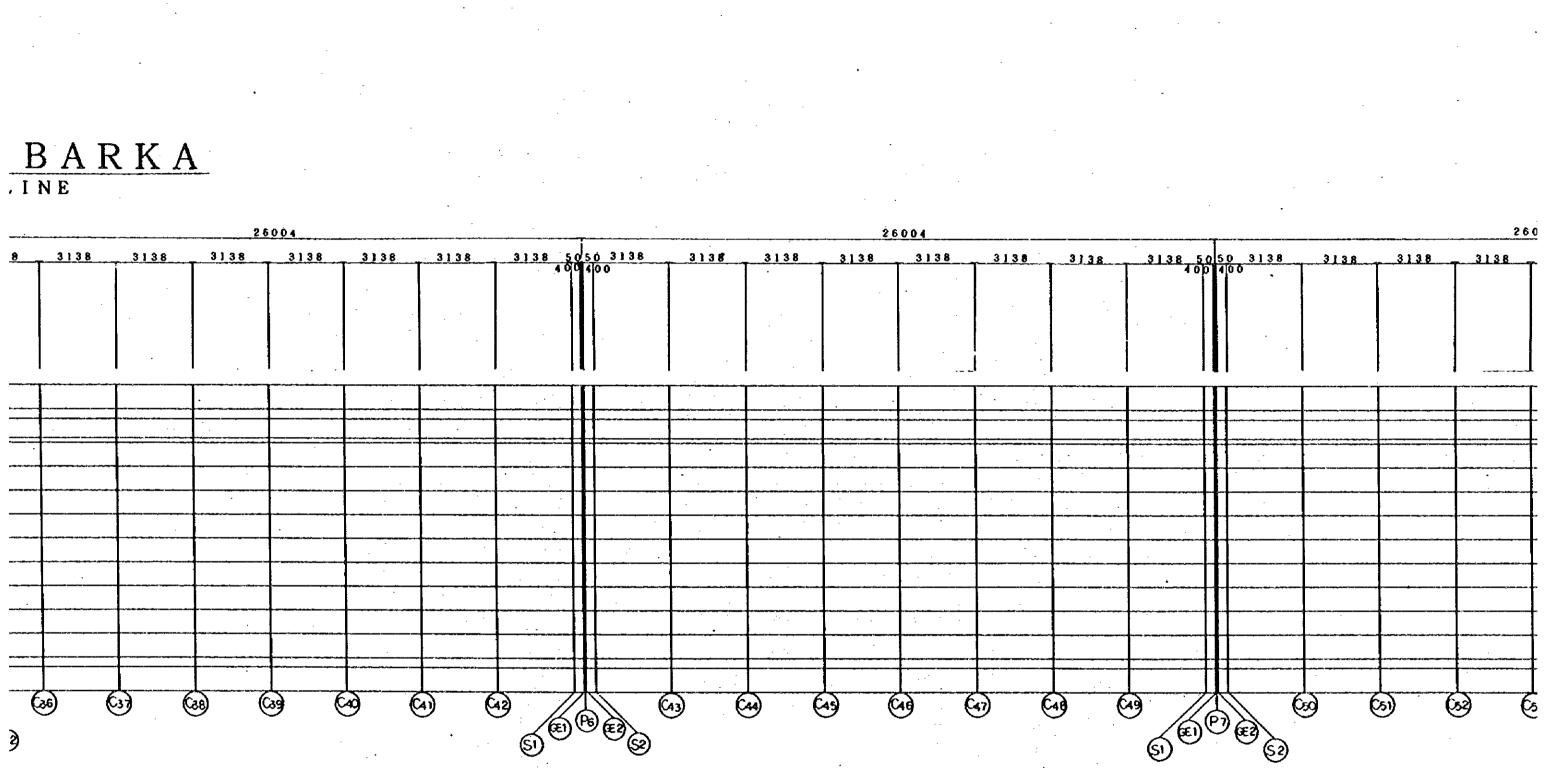
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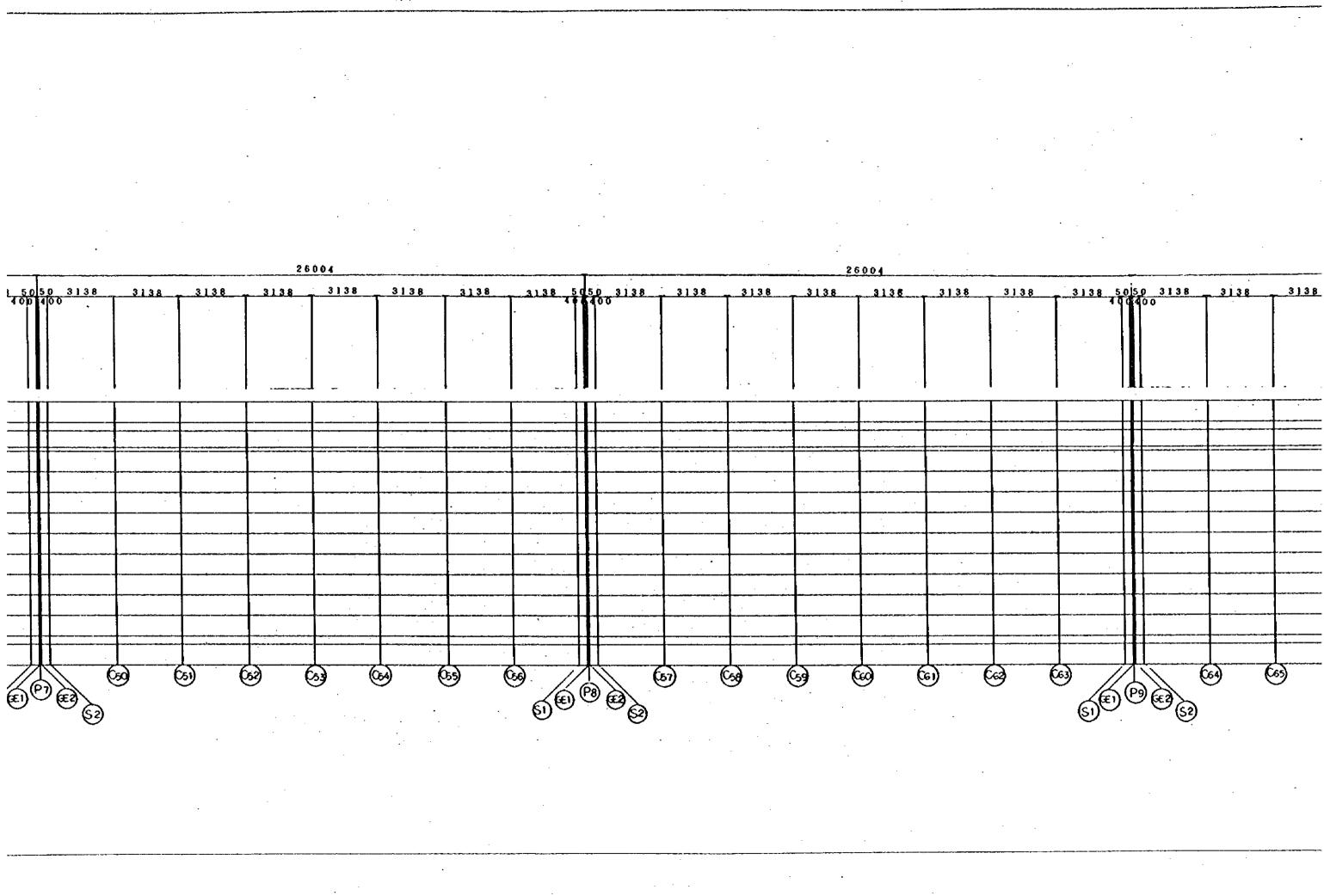
.

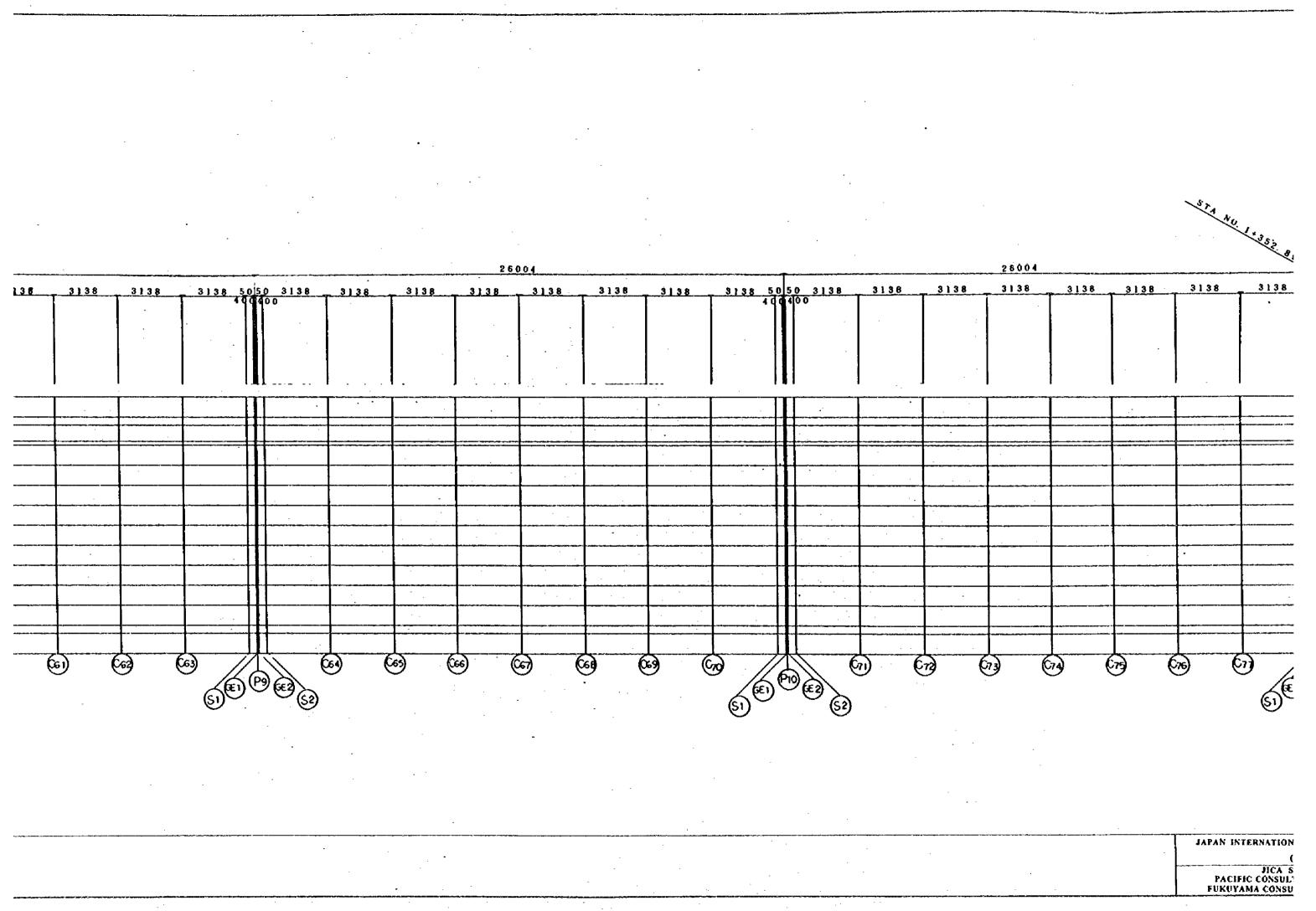
 $\frac{R / A - 3 BARKA}{B - LINE}$

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38	3138	3138	3138	3138	3138	<u>د اه د</u>	0 3138	3138	3138	3138	3138	3138	3138	3138 50	50 3138	3138	3138	3138	3138
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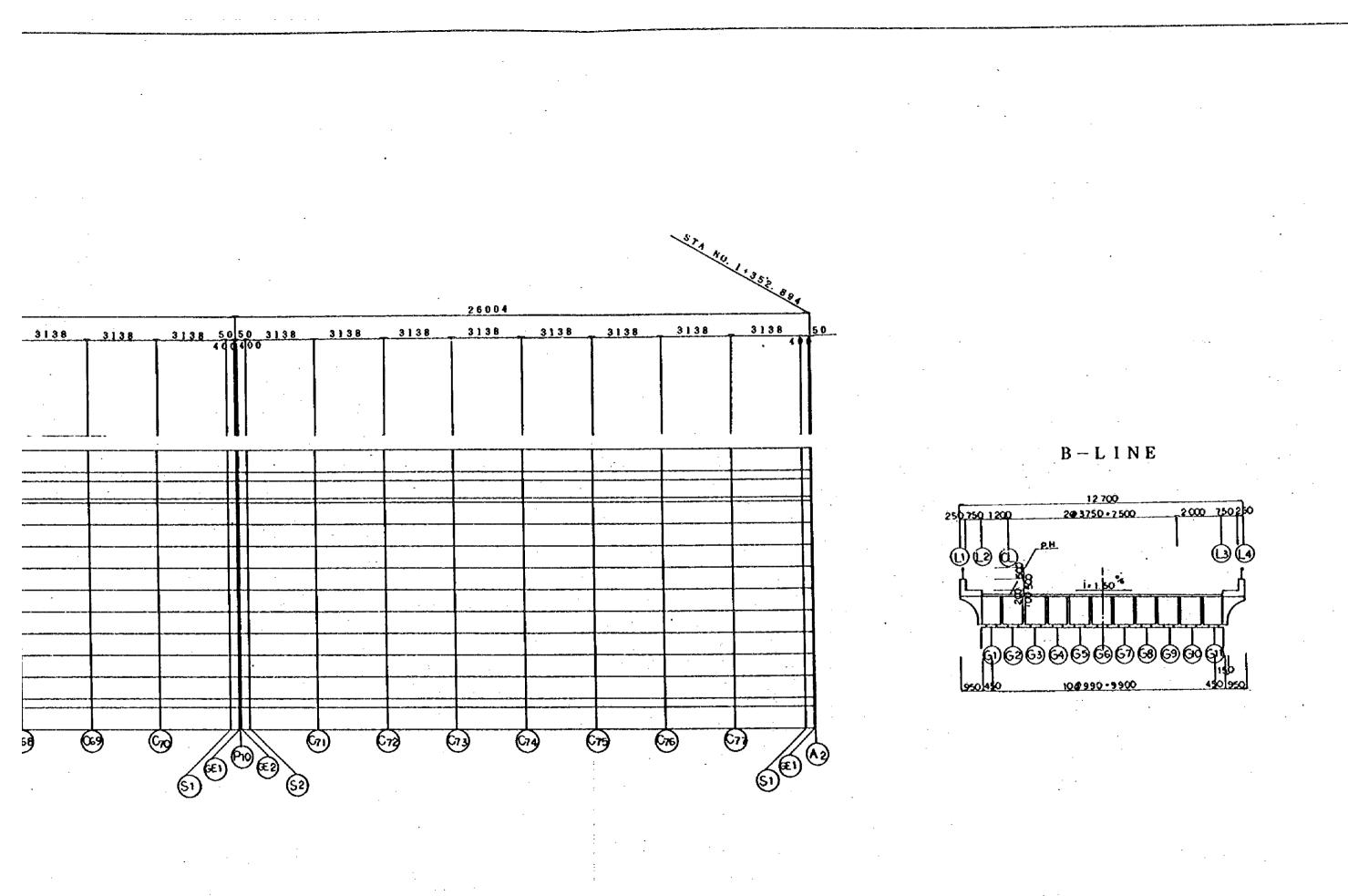








JICA S PACIFIC CONSUL' FUKUYAMA CONSU



	JAPAN INTERNATIONAL COOPERATION AGENCY	CLIENT: MINISTRY OF COMMUNICATIONS, DIRECTORATE GENERAL OF ROADS
	(JICA)	PRÓJECT: D/D ON ROAD DEVELOPMENT PRÓJECT ON BATINAH HIGHWAY
	JICA STUDY TEAM	TITLE FRAMING PLAN RAOS AT B-LINE
-	PACIFIC CONSULTANTS INTERNATIONAL FUKUYAMA CONSULTANTS INTERNATIONAL	DATE DWGNO. B-S

·	BARKA(B)		****					
	SECTION		A1	A1-GE1	A1-S1	C4	P1-S1	<u>. Pl</u>
	STATION		1 + 66.8940	1 + 66.9440	1 + 67.3440	1 + 79.8940	1 + 92.4440	1+
	L1	X	0	0.05	0.45	13	25.55	
		Y	6.35	6.35	6.35	6.35	6.35	
·		Z	21.3796	21.3803	21.386	21.557	21.7123	
	L2	x	0	0.05	0.45	13	25.55	
		Ý	5.35	5.35	5.35	5.35	5.35	
		z	21.4645	21.4653	21.471	21.642	21.7973	
	CL	x	0	0.05	0.45	13	25.55	
		Y	4.15	4.15	4.15	4.15	4.15	
		Z	21.4465			1	21.7793	
	G6(PIER CENTER)	x	0				l	
		Ý	· . 0	o	- 0	C	0	
		z	21.3843	21.385	21.3907	21.5618	21.717	·
	L3	x	0	0.05	0.45	13	25.55	
		Y	-5.35	-5.35	-5.35	-5.35	-5.35	
		z	21.3041	21.3048	21.3105	21.4815	21.6368	
	L4	x	0	0.05	0.45	13	25.55	
•		Y	-6.35	· .		-6.35	-6.35	
		Z	21.189	<u> </u>				

NOTES:

L1	X	0	0.05	0.45	13	25.55
	Y	6.35	6.35	6.35	6.35	6.35
	Z	21.3796	21.3803	21.386	21.557	21.7123
L2	x	0	0.05	0.45	13	25.55
	Y	5.35	5.35	5.35	5.35	5.35
	z	21.4645	21.4653	21.471	21.642	21.7973
CL	х	0	0.05	0.45	13	25.55
	Y	4.15	4.15	4.15	4.15	4.15
	Z	21.4465	21.4473	21.453	21.624	21.7793
G6(PIER CENTER)	x	0	0.05	0.45	13	25.55
	· Y	0	0	0	0	0
	z	21.3843	21.385	21.3907	21.5618	21.717
L3	x	- 0	0.05		13	25.55
······	Y	-5.35	-5.35	· ·		-5.35
	z	21.3041	21.3048			
L4	x	0	0.05		13	
·	Y	-6.35	-			
	Z	21.189				21.5218

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PI-GE1	P1	P1-GE2	P1-\$2	<u>C11</u>
+ 92.8440	1 + 92.8940	1 + 92.9440	<u>1 + 93.3440</u>	1 + 105.8940
25.95	26	26.05	26.45	39
6.35	6.35	6.35	6.35	6.35
21.717	21.7176	21.7181	21.7228	21.8612
25.95	26	26.05	26.45	39
5.35	5.35	5.35	5.35	5.35
21.802	21.8025	21.8031	21.8078	21.9462
25.95	. 26	26.05	26.45	39
4.15	4.15	4.15	4.15	4.15
21.784	21.7846	21.7851	21.7898	21.9282
25.95	26	26.05	26.45	39
0	0	0	0	0
21.7217	21.7223	21.7229	21.7276	21.8659
25.95	26	26.05	26.45	39
-5.35	-5.35	-5.35	-5.35	-5.35
21.6415	21.6421	21.6426	21.6473	21.7857
25.95	26	26.05	26.45	39
-6.35	-6.35	-6.35	-6.35	-6.35
21.5265	21.527	21.5276	21.5323	21.6707

	P1-GE1	P1	P1-GE2	P1-S2	C11	P2-S1	P2-GE1	P2	P2-GE2	P2-52	C18	P3-S1	P3-GE1	P3	P3-GE2	P3-S2	C25	P4-S1	P4-GE1	P4
								· · ·	· · · · · · · · · · · · · · · · · · ·	1 + 119.3440								1 + 170.4440	1 + 170.8440	1 + 170.
i.55	25.95	26			39			52	• .		65	77.55		78			91			
).35	6.35	6.35				6.35		6.35			6.35	6.35		6.35	6.35		6.35			(
123	21.717	21.7176	21.7181	21.7228				21.988			22.0978			22.1908	22.1911	22.1937	22.2668	22.3242	22.3258	22.
5.55	25.95	26					· · ·	52	· · · · · · · · · · · · · · · · · · ·		65	77.55		78			91	103.55	103.95	
5.35	5.35	5.35				······································				· · · · · · · · · · · · · · · · · · ·	5.35			5.35	5.35	5.35	5.35	5.35	5.35	
973	21.802		· ·		a de la constante de la constan	· ·		22.0729		-				22.2757	- 	· · · · · · · · · · · · · · · · · · ·	22.3518	22.4092	22.4108	22.4
5.55	25.95			·							65			- 78	78.05	78.45	91	103.55	103.95	
4.15														4.15	· · · ·	·	4.15	4.15	4.15	
'793			· ·	1	-				· · · · · · · · · · · · · · · · · · ·			· ·		22.2577	22.2581	22.2607	22.3338	22.3912	22.3928	22.3
5.55					· .			<u> </u>		1	65	-		78	78.05	78.45	91	103.55	103.95	
<u>0.00</u> 0	0			0	0	0	0	. 0	C	0	0	. 0	0	0	· o	0	· 0	0	. 0	
.717	21.7217	21.7223	21.722	21.7276	21.8659	21.9886	21.9922	21.9927	21,9932	21.9968	22.1026	22.1926	22.1952	22.1955	22.1958	22.1984	22.2716	22.3289	22.3305	22.3
5.55				1	1				·	1	· ·	77.55	77.95	78	78.05	78.45	91	103.55	103.95	
5.35		1					1	1		-5.35	-5.35	-5.35	-5.35	-5.35	-5.35	-5.35	-5.35	-5.35	-5.35	!
5368		· · · · · · · · · · · · · · · · · · ·				21,908	21.912	21.9125	21.9129	21.9165	22.0223	22.1123	22.1149	22.1153	22.1156	22.1182	22.1913	22.2487	22.2503	22.2
!5.55					· ·	1	5 51.95	52	52.0	5 52.45	65	77.55	77.95	78	78.05	78.45	91	103.55	103.95	
-6.35	-	İ.	1	1	1			6.35	-6,3!	5 -6.35	-6.35	-6.3	-6.35	-6.35	-6.35	-6.35	-6.35	-6.35	-6.35	
5218		21.52	21.527	6 21.5323	21.6707	21.793	3 21.797	21.7974	21.797	21.8015	21.9073	21.997:	21.9999	22.0002	22.0006	22.0032	22.0763	22.1337	22.1353	22.1

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FRAMING PLAN AT RA/03 BARKA (B-LINE)

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2	P3-S2	C25	P4-S1	P4-GE1	P4	P4~GE2	P4-S2	C32	P5-S1	P5-GE1	P5	P5-GE2	P5-S2	C39	P6-S1	P6-GE1	P6	P6-GE2	P6-S2	C46
)440					میں			1 + 183.8940				1 + 196.9440	1 + 197.3440	1 + 209.8940	1 + 222.4440	1 + 222.8440	1 + 222.8940	1 + 222.9440	1 + 223.3440 1	+ 235
3.05		91						117			130			143			156	156.05	156.45	
5.35	· · · · · · · · · · · · · · · · · · ·	6.35			6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	
911		22,2668	22.3242	22.3258	22.326	22.3261	22.3277	22.3682	22.393	22.3935	22.3936	22.3936	22.3941	22.402	22.3941	22.3936	22.3935	22.3935	22.393	22.
B.05	78.45	91	103.55	103.95	104	104.05	104.45	117	129.55	129.95	130	130.05	130.45	143	155.55	155,95	156	156.05	156.45	
5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	
!761	22.2787	22.3518	22.4092	22.4108	22.4109	22.4111	22.4127	22.4532	22.478	22.4785	22.4785	22.4786	22.4791	22.487	22.4791	22.4786	22.4785	22.4785	22.478	22.4
8.05	78.45	91	103.55	103.95	104	104.05	104.45	117	129.55	129.95	130	130.05	130.45	143	155.55	155.95	156	156.05	156.45	
4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	
2581	22.2607	22.3338	22.3912	22.3928	22.3929	22.3931	22.3947	22.4352	22.46	22.4605	22.4605	22.4606	22.4611	22.469	22.4611	22.4606	22.4605	22.4605	22.46	22.4
8.05	78.45	91	103.55	103.95	104	104.05	104.45	: 117	129.55	129.95	130	130.05	130.45	143	155.55	155.95	156	156.05	156.45	
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1958	22.1984	22.2716	22.3289	22.3305	22.3307	22.3309	22.3324	22.373	22.3977	22.3982	22.3983	22.3984	22.3989	22.4068	22.3989	22.3984	22.3983	22.3982	22.3977	22
8.05	78.45	91	103.55	103.95	104	104.05	104.45		129.55	129.95	130	130.05	130.45	143	155.55	155.95	156	156.05	156.45	
5.35	-5.35	-5.35	-5.35	5 -5.35	-5.35	~5.35	-5.35	-5.35	-5.35	-5.35	-5.35	-5.35	-5.35	-5.35	-5.35	-5.35	-5.35	-5.35	-5.35	
1156	22.1182	22.1913	22.248	22.2503	22.2505	22.2500	22.2522	22.2927	22.3175	22.318	22.3181	22.3181	22.3186	22.3265	22.3186	22.3181	22.318	22.318	22.3175	22.:
<u>'8.05</u>	78.45	91	103.55	5 103.95	104	104.0	104.45	117	129.55	129.95	130	130.05	130.45	143	155.55	155.95	156	156.05	156.45	
6.35	-6.35	-6.35	-6.3	5 -6.35	-6.35	-6.3	-6.35	-6.35	-6.35	-6.35	-6.35	-6.3	-6.35	-6.35	-6.35	-6.35	-6.35	-6.35	-6.35	+-
0006	22,0032	22.0763	22.133	22.1353	22.1354	22.135	22.1372	22.1777	22 2025	5 22.203	22.203	22.2031	22.2036	22.2115	22.2036	22.2031	22.203	22.203	22.2025	22.

<u> </u>					T														
P6-S1	P6-GE1	P6	P6-GE2	P6-S2	C46	P7-S1	P7-GE1	P7	P7-GE2	P7-S2	C53	P8-\$1	P8-GE1	P8	P8-GE2	P8-S2	C60	P9-S1	<u>P9-GE1</u>
+ 222.4440	1 + 222.8440	1 + 222.8940	1 + 222.9440	1 + 223.3440	1 + 235.8940	<u>1 + 248.4440</u>	1 + 248.8440	1 + 248.8940	1 + 248.9440	1 + 249.3440	1 + 261.8940	1 + 274.4440	1 + 274.8440	1 + 274.8940	1 + 274.9440	1 + 275.3440	1 + 287.8940	1 + 300.4440	1 + 300.84401
155.55	155.95	156	156.05	156.45	169	181.55	181.95	182	182.05	182.45	195	207.55	207.95	208	208.05	208.45	221	233.55	233.95
6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35
22.3941	22.3936	22.3935	22.3935	22.393	22.3682	22.3277	22.3261	22.326	22.3258	22.3242	22.2668	22.1937	22.1911	22.1908	22.1904	22.1878	22.0978	21.992	21.9884
155.55	155.95	156	156.05	156.45	169	181.55	181.95	182	182.05	182.45	195	207.55	207.95	208	208.05	208.45	221	233.55	233.95
5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35
22.4791	22.4786	22.4785	22.4785	22.478	22.4532	22.4127	22.4111	22.4109	22.4108	22.4092	22.3518	22.2787	22.2761	22.2757	22.2754	22.2728	22.1828	22.077	22.0734
155.55	155.95	156	156.05	156.45	169	181.55	181.95	182	182.05	182.45	195	207.55	207.95	208	208.05	208.45	221	233.55	233.95
4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15
22.4611	22.4606	22.4605	22.4605	22.46	22.4352	22.3947	22.3931	22.393	22.3928	22.3912	22.3338	22.2607	22.2581	22.2577	22.2574	22.2548	22.1648	22.059	22.0554
155.55	155.95	156	156.05	156.45	169	181.55	181.95	182	182.05	182.45	195	207.55	207.95	208	208.05	208.45	221	233.55	233.95
0	0	0	0	C	0	0	0	.0	. 0	0	0	0	0	0	0	0	0	.0	· 0
22.3989	22.3984	22.3983	22.3982	22.3977	22.373	22.3324	22.3309	22.3307	22.3305	22.3289	22.2716	22.1984	22.1958	22.1955	22.1952	22.1926	22.1026	21.9968	21.9932
155.55		156	156.05	156.45	5 169	181,55	181.95	182	182.05	182.45	195	207.55	207.95	208	208.05	208.45	221	233.55	233.95
-5.35	-5.35	-5.35	-5.35	-5.35	5 -5.35	-5.35	-5.35	-5.35	5.35	-5.35	-5.35	5.35	-5.35	-5.35	-5.35	-5.35	-5.35	-5.35	-5.35
22.3188	22.3181	22.318	22.318	-22.3175	5 22.2927	22.2522	22.2506	22.2504	22.2503	22.2487	22.1913	22.1182	22.1156	22.1153	22.1149	22.1123	22.0223	21.9165	21.9129
155.55	155.95	5 150	156.05	5 156.4	5 169	181.55	181.95	182	182.05	182.45	195	207.55	207.95	208	208.05	208.45	221	233.55	233.95
-6.35	-6.35	5 -6.35	i -6.3	5 -6.3	5 -6.35	-6.35	-6.35	-6.35	-6.35	-6.35	-6.35	-6.35	-6.35	-6.35	-6.35	-6.35	-6.35	-6.35	-6.35
22.2036	22.2031	22.203	22.20	3 22.202	5 22.1777	22.1372	22.1356	22.1354	22.1353	22.1337	22.076	22.0032	22.0006	22.0002	21.9999	21.9973	21.9073	21.8015	21.7979

T	P8-GE2	P8-S2	C60	P9-S1	P9-GE1	P9	P9-GE2	P9-S2	C67	P10-S1	P10-GE1	P10	P10-GE2	P10-S2	C74	A2-S1	A2-GE1	A2
90.401	· · · · · · · · · · · · · · · · · · ·			1 + 300.4440										· · · · · · · · · · · · · · · · · · ·				
						234	234.05		247	259.55	259,95			260.45	273			
208	208.05		221		233.95				- 			······································						
<u> 6.35</u>	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35		· ·		6.35	6.35		6.35	6.35
1908	22.1904	22.1878	22.0978	21.992	21.9884	21.988	21.9875	21.9838	21.8612	21.7228	21.7181	21.7176	21.717	21.7123	21.557	21.386	21.3803	<u>21.3796</u>
208	208.05	208.45	221	233.55	233.95	234	234.05	234.45	247	259.55	259.95	260	260.05	260.45	273	285.55	285.95	286
5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35
2757	22.2754	22.2728	22.1828	22.077	22.0734	22.0729	22.0725	22.0688	21.9462	21.8078	21.8031	21.8025	21.802	21.7973	21.642	21.471	21.4653	21.4645
208	208.05	208.45	221	233.55	233.95	234	234.05	234.45	247	259.55	259.95	260	260.05	260.45	273	285.55	285.95	286
4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15
2577	22.2574	22.2548	22.1648	22.059	22.0554	22.0549	<u> 22.0545</u>	22.0508	21.9282	21.7898	21.7851	21.7845	21.784	21.7793	21.624	21.453	21.4473	21.4466
208	208.05	208.45	221	233.55	233.95	234	234.05	234.45	247	259.55	259.95	260	260.05	260.45	273	285.55	285.95	286
0	0	0	0	0	· 0	0	0	0	0	0	. 0	0	0	0	· 0	0	0	0
.1955	22.1952	22.1926	22.1026	21.9968	21.9932	21.9927	21.9922	21.9886	21.866	21.7276	21.7229	21.7223	21.7217	21.717	21.5618	21.3907	21.385	21.3843
208	208.05	208.45	221	233.55	233.95	234	234.05	234.45	247	259.55	259.95	260	260.05	260.45	273	285.55	285.95	286
<u>-5.35</u>	-5.35	-5.35	-5.35	-5.35	-5.35	-5.35	-5.35	-5.35	-5.35	-5.35	-5.35	-5.35	-5.35	-5.35	-5.35	-5.35	-5.35	-5.35
<u>.115</u> 3	22.1149	22.1123	22.0223	21.9165	21.9129	21.9125	21.912	21.9083	21.7857	21.6473	21.6426	21.6421	21.6415	21.6368	21.4815	21.3105	21.3048	21.3041
208	208.05	5 208.45	221	233.55	233.95	234	234.05	5 234.45	247	259.55	259.95	260	260.05	260.45	273	285.55	285.95	286
-6.35	-6.35	-6.35	-6.35	5 -6.35	-6.35	-6.35	-6.35	5 -6.35	-6.35	-6.35	-6.35	-6.35	-6.35	-6.35	-6.35	-6.35	-6.35	-6.35
:.0002	21.9999	21.9973	21.9073	3 21.8015	21.7979	21.7974	21.797	21.7933	21.6707	21.5323	21.5276	21.527	21.5265	21.5218	21.3665	21.1955	21.1898	21.189

JAPAN INTERNATIONAL COOPERATION AGENCY	CLIENT: 1
(JICA)	PROJECT: 1
JICA STUDY TRAN PACIFIC CONSULTANTS ENTRIMATIONAL FUKUYAMA CONSULTANTS ENTRIMATIONAL	TITLE (DATE

<u> </u>											میں میں کر میں	
<u>,8</u>	P9-GE2	P9-52	<u>C67</u>	P10-S1	P10-GE1	P10	P10-GE2	P10-S2	<u>C74</u>	A2-S1	A2-GE1	<u>A2</u>
D0.8940	1 + 300.9440	1 + 301.3440	1 + 313.8940	1 + 326.4440	1 + 326.8440	1 + 326.8940	1 + 326.9440	1 + 327.3440	1 + 339.8940	1 + 352.4440	1 + 352.8440	1 + 352.894
234	234.05	234.45	247	259.55	259.95	260	260.05	260.45	273	285.55	285.95	28
6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.3
21.988	21.9875	21.9838	21.8612	21.7228	21.7181	21.7176	21.717	21.7123	21.557	21.386	21.3803	21.379
234	234.05	234.45	247	259.55	259.95	260	260.05	260.45	273	285.55	285.95	28
5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.35	5.3
:2.0729	22.0725	22.0688	21.9462	21.8078	21.8031	21.8025	21.802	21.7973	21.642	21.471	21.4653	21.464
234	234.05	234.45	247	259.55	259.95	260	260.05	260.45	273	285.55	285.95	28
4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.1
2.0549	22.0545	22.0508	21.9282	21.7898	21.7851	21.7845	21.784	21.7793	21.624	21.453	21.4473	21.446
234	234.05	234.45	247	259.55	259.95	260	260.05	260.45	273	285.55	285.95	28
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21.9927	21.9922	21.9880	6 21.866	21,7276	21.7229	21.7223	21.7217	· 21.717	21.5618	21.3907	21.385	21.384
234	234.05	234.4	5 247	259.55	259.95	260	260.05	260.45	273	285.55	285.95	28
-5.35	-5.35	-5.3	5 -5.35	-5.35	-5.35	-5.35	-5.35	-5.35	-5.35	-5.35	-5.35	-5.3
21.9125	21.912	21,908	21.7857	21.6473	21.642	21.6421	21.6415	21.6368	21.4815	21.3105	21.3048	21.304
234	234.05	234.4	5 24	259.5	259.9	5 260	260.05	260.4	5 273	285.55	285.9	j <u>2</u> 8
-6.35	-6.35	-6.3	5 -6.3	5 -6.3	5 -6.3	5 -6.3	-6.35	-6.3	5 -6.35	-6.35	-6.3	5 -6.3
21.7974	21.797	21.793	3 21.670	21.532	21.527	6 21.52	21.5265	21.521	21.366	21.1955	21.189	3 21.18
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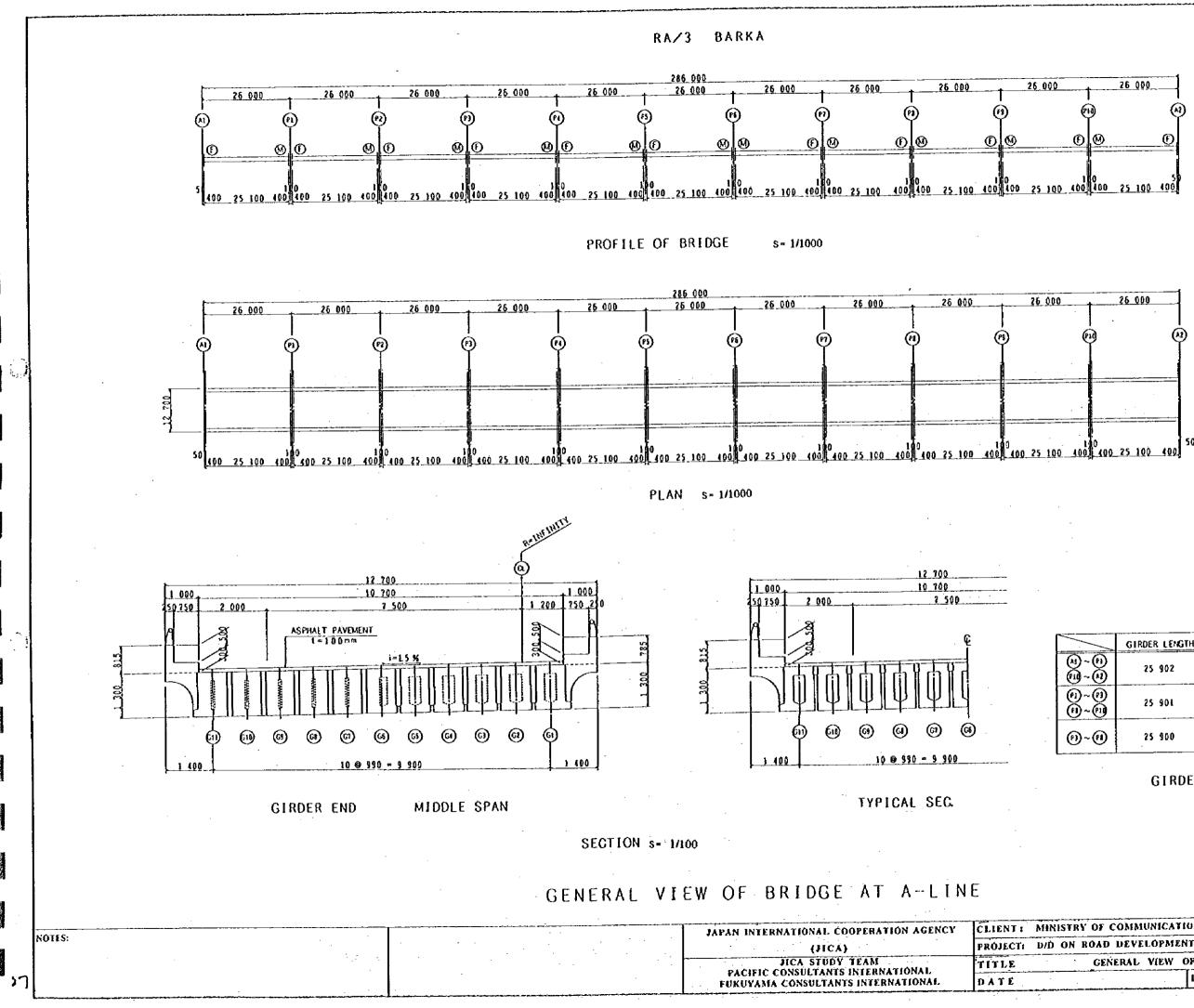
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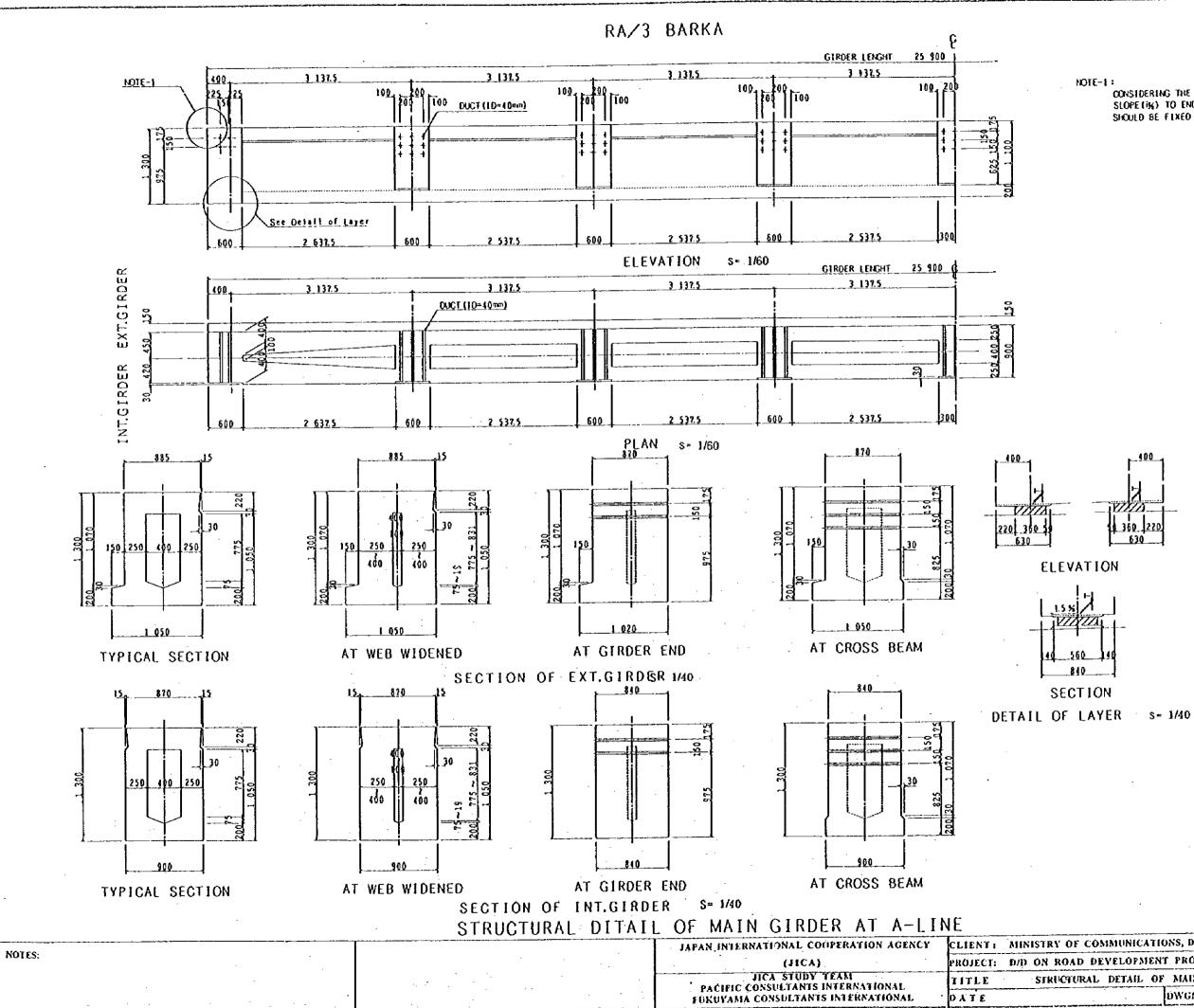
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<u>C74</u>	A2-S1	A2-GE1	<u>A2</u>					
			1 + 352.8940					
273	285.55	285.95	286					
6.35	6.35	6.35	6.35					
21.557	21.386	21.3803	21.3796					
273	285.55	285.95	286					
5.35	5.35	5.35	5.35				· · · ·	
21.642	21.471	21.4653	21.4645	• .				
273	285.55	285.95	286		•			
4.15	4.15	4.15	4.15				•	
21.624	21.453	21.4473	21.4466		·			
273	285.55	285.95	286					
0	0			·		·	•	
21.5618		1						
273					· · · · ·			
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21.3665	21.1955	5 21.189	8 21.189			i.		
	• .							
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AL	PAN INTERNA	TIONAL COO	PERATION AGENC	CLIENT :	MINISTRY OF COMMU			
		(JICÁ)	•	PROJECTI	D/D ON BOAD DEVEL	والأردي في معرود معروفية المارية المارية المارية في معرود المحكمة الم	واجهارت والمتدار ورشوي شربوني بالمتن والقرائب المتراجع	KAWAY
	PACIFIC CO	NSULTANTS P	RAM TERRATIONAL INTERNATIONAL	TITLE DATE	CO-ORDINATE LIST	RA/03 AT		



	GIRDER LENGTH	SPAN LENGTH	REMARKS
	25 902	25 102	INCLÍNED LENGTH
)~@)~@	25 901	25 101	
)~(I)	25 900	25 100	a

GIRDER LENGTH

Y OF COMMUNICAT	IUNS, DIRECTORATE GENERAL OF ROADS
ROAD DEVELOPMEN	NT PROJECT ON BATINAH HIGHWAY
GENERAL VIEW	OF BRIDGE AT A-LINE
	DWGNO. B-7



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CONSIDERING THE EFFECT LONGITUDINAL SLOPE (1%) TO END GIRDER BOTH ENDS SHOULD BE FIXED PALLAREL TO Y-AXIS

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OF COMMUNICATIO	NS, DIRECTOR.	ATE GENERAL OF ROAD	s
AD DEVELOPMENT	PROJECT ON	BATINAN INGHWAY	
TURAL DETAIL OF	MAIN GIRDEP	R AT A-LINE	
	DWGNO.	B-8	
		· · · · · · · · · · · · · · · · · · ·	المعيد

T REMARKS

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A)~(P) F1X

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~(PS) F1X

FIX

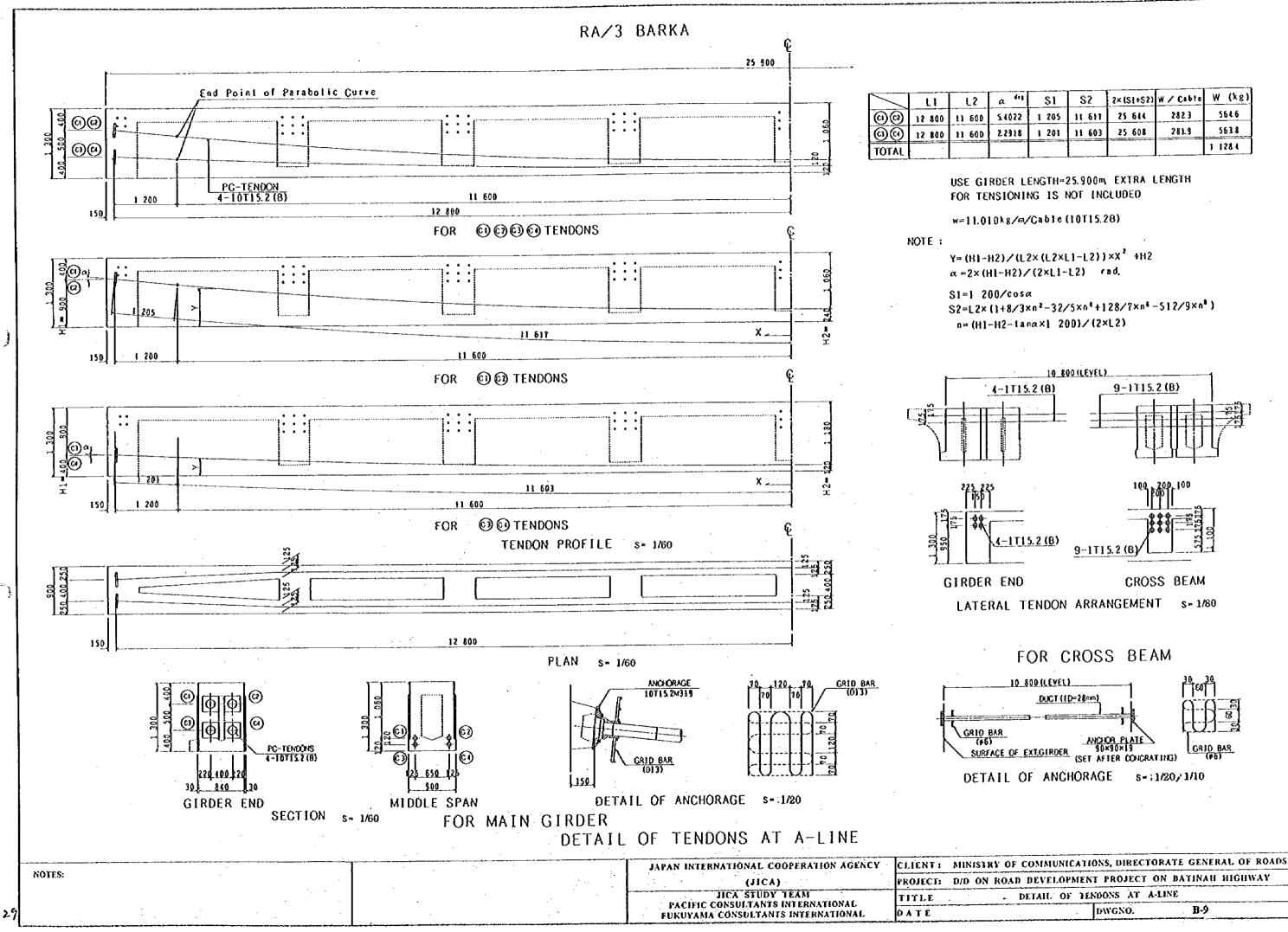
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(fi)~(f) MOY.

(m) ·

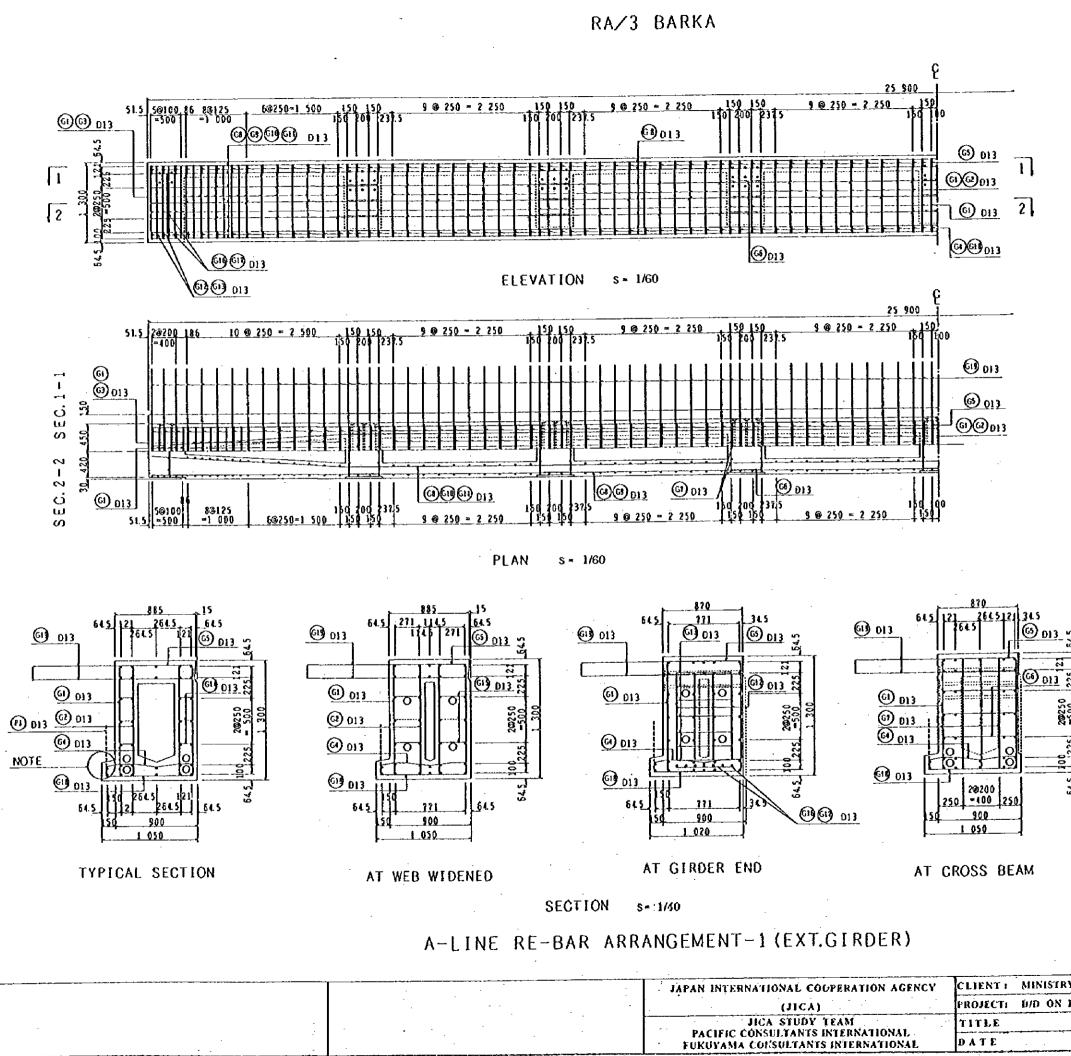
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Burnel St.

a fri	S1	S 2	2×(\$1+\$2)	W / Cabte	W (kg)
5.4022	1 205	11 617	25 614	2823	564.6
2.2918	1 201	11 603	25 608	281.9	5618
			· · · · · · · · · · · · · · · · · · ·		1 128.4



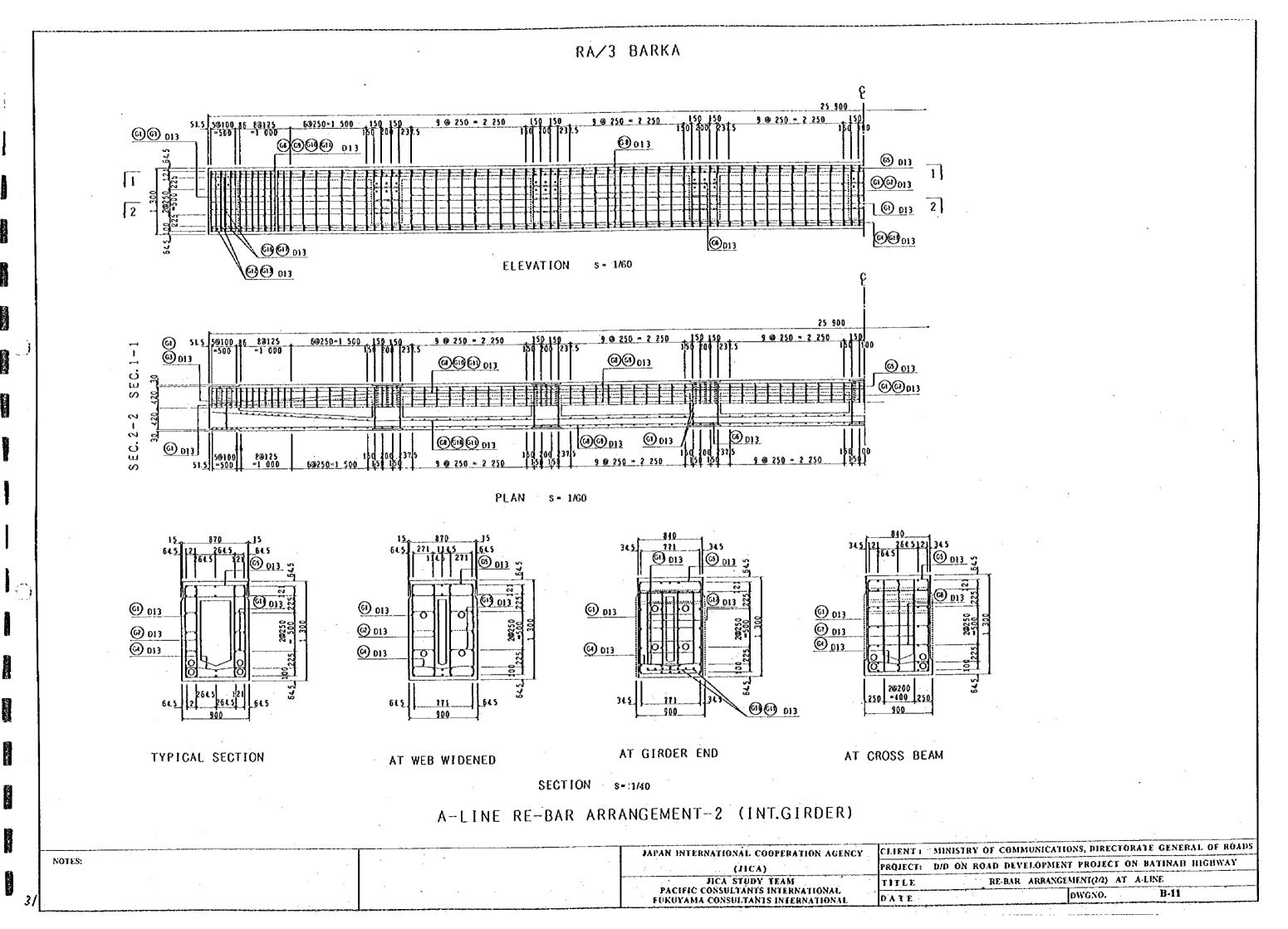
NOTES:

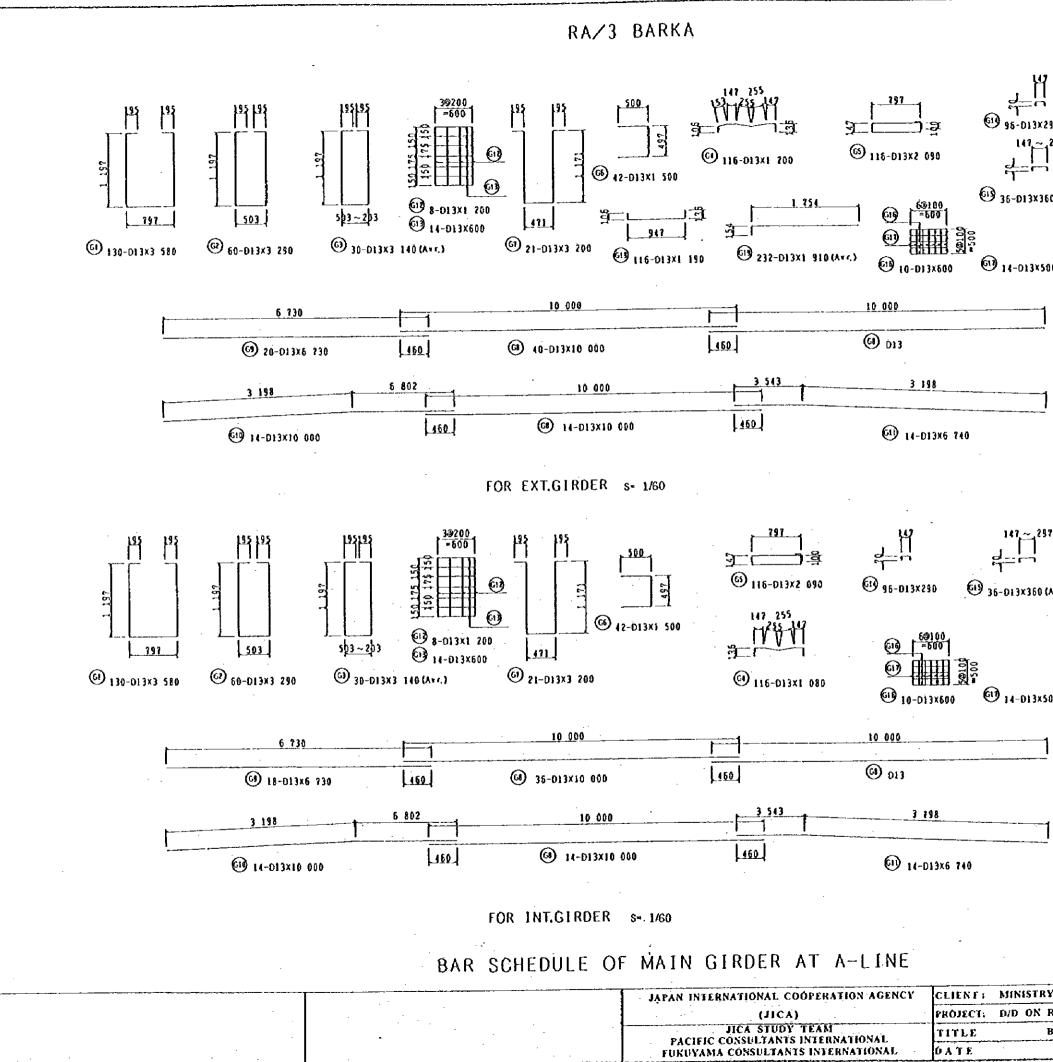
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NOTE :

FOR ALTERNATIVE CONSTRUCTION JOINT, INSERT INSIDE THREADED JOINT TO HANDLE PLANTED VERTICAL BAR

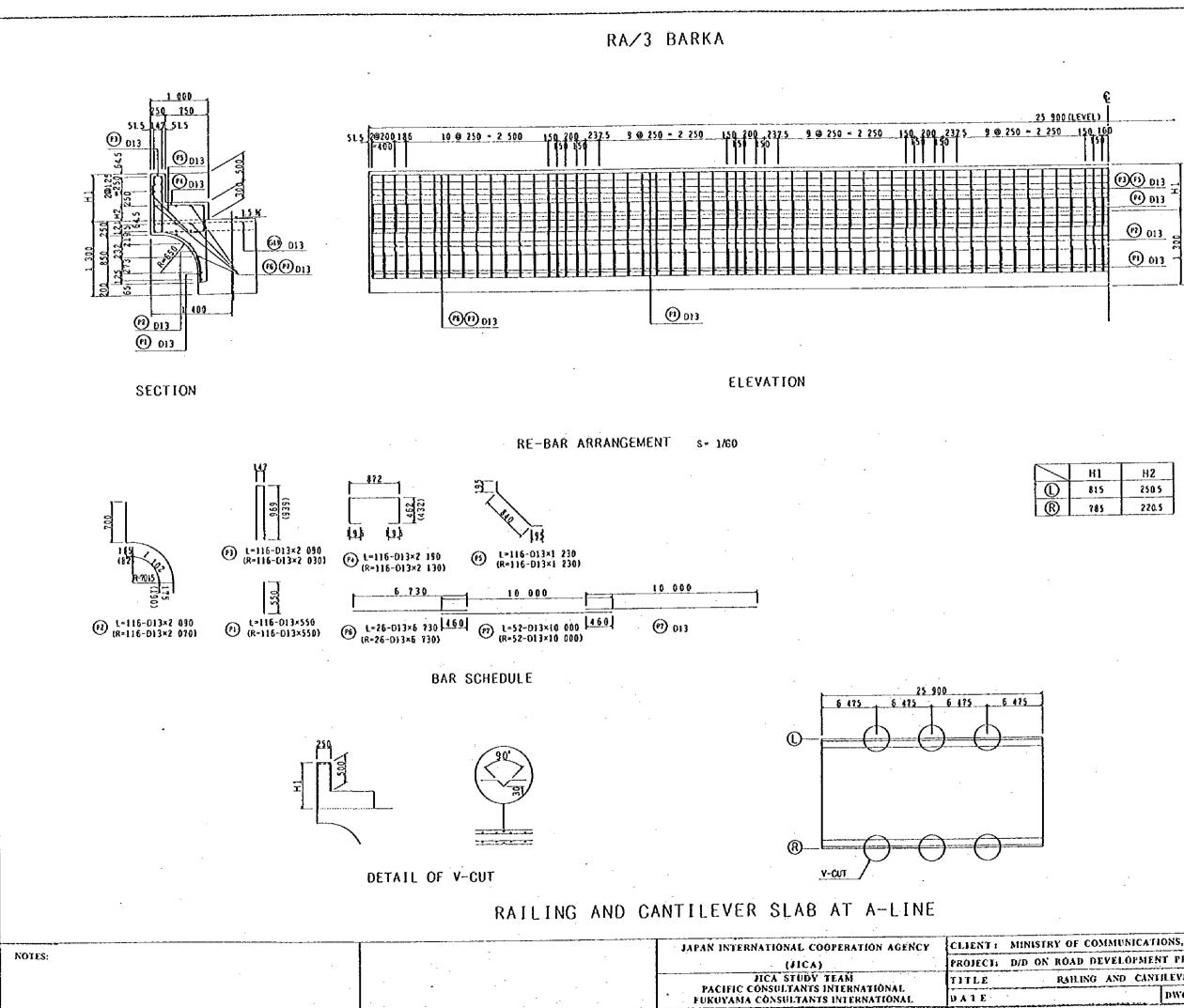
Y OF COMMUN	CATIONS, DIRECT	ORATE GENERAL OF ROADS
ROAD DEVELO	PMENT PROJECT	ON BATINAH HIGHWAY
RE-BAR AR	RANGEMENT(1/2) AT	F A-LINE
	DWGNO.	B-10





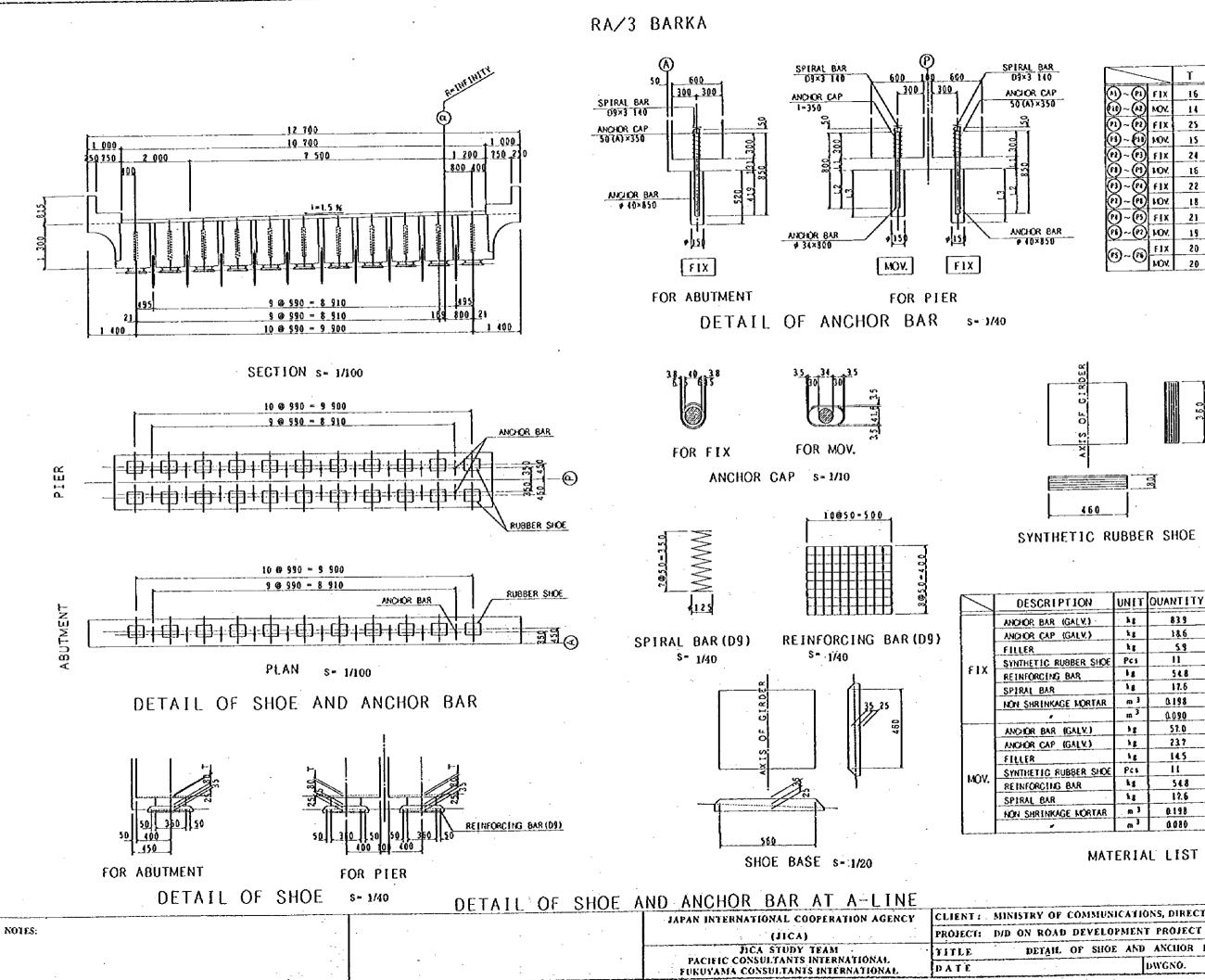
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V X230 237 (SEO (Arr.) X500 237 26 (Arr.) 257 26 (Arr.) 26 (Arr.) 27 28 (Arr.) 28 (Arr.) 29 (Arr.) 29 (Arr.) 29 (Arr.) 20 (Arr.) 20 (Arr.) 20 (Arr.) 20 (Arr.) 20 (Arr.) 21 (Arr.) 22 (Arr.) 23 (Arr.) 24 (Arr.) 25 (Arr.) 25 (Arr.) 26 (Arr.) 27 (Arr.) 28 (Arr.) 29 (Arr.) 29 (Arr.) 29 (Arr.) 20 (Arr.			1
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1297 1300 1 </td <td></td> <td></td> <td></td>			
287 (360 (A+c.)) X500 287 60 (A+c.) 287 10 (A+c.) 287 <			
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IN ROAD DEVELOPMENT PROJECT ON BATINAIL HIGHWAY BAR SCHEDULE OF MAIN GIRDER AT A-LINE			
IN ROAD DEVELOPMENT PROJECT ON BATINAIL HIGHWAY BAR SCHEDULE OF MAIN GIRDER AT A-LINE	-1		-
IN ROAD DEVELOPMENT PROJECT ON BATINAIL HIGHWAY BAR SCHEDULE OF MAIN GIRDER AT A-LINE	_!		
IN ROAD DEVELOPMENT PROJECT ON BATINAIL HIGHWAY BAR SCHEDULE OF MAIN GIRDER AT A-LINE			
IN ROAD DEVELOPMENT PROJECT ON BATINAIL HIGHWAY BAR SCHEDULE OF MAIN GIRDER AT A-LINE			
TRY OF COMMUNICATIONS, DIRECTORATE GENERAL OF ROADS N ROAD DEVELOPMENT PROJECT ON BATINAIL HIGHWAY BAR SCHEDULE OF MAIN GIRDER AT A-LINE	257		
TRY OF COMMUNICATIONS, DIRECTORATE GENERAL OF ROADS N ROAD DEVELOPMENT PROJECT ON BATINAIL HIGHWAY BAR SCHEDULE OF MAIN GIRDER AT A-LINE			
TRY OF COMMUNICATIONS, DIRECTORATE GENERAL OF ROADS N ROAD DEVELOPMENT PROJECT ON BATINAIL HIGHWAY BAR SCHEDULE OF MAIN GIRDER AT A-LINE	0 (A+c.)		
TRY OF COMMUNICATIONS, DIRECTORATE GENERAL OF ROADS N ROAD DEVELOPMENT PROJECT ON BATINAIL HIGHWAY BAR SCHEDULE OF MAIN GIRDER AT A-LINE			
TRY OF COMMUNICATIONS, DIRECTORATE GENERAL OF ROADS N ROAD DEVELOPMENT PROJECT ON BATINAIL HIGHWAY BAR SCHEDULE OF MAIN GIRDER AT A-LINE			
N ROAD DEVELOPMENT PROJECT ON BATINAII HIGHWAY BAR SCHEDULE OF MAIN GIRDER AT A-LINE	X500		
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N ROAD DEVELOPMENT PROJECT ON BATINAII HIGHWAY BAR SCHEDULE OF MAIN GIRDER AT A-LINE			
N ROAD DEVELOPMENT PROJECT ON BATINAII HIGHWAY BAR SCHEDULE OF MAIN GIRDER AT A-LINE			
N ROAD DEVELOPMENT PROJECT ON BATINAII HIGHWAY BAR SCHEDULE OF MAIN GIRDER AT A-LINE		-	
N ROAD DEVELOPMENT PROJECT ON BATINAII HIGHWAY BAR SCHEDULE OF MAIN GIRDER AT A-LINE			
BAR SCHEDULE OF MAIN GIRDER AT A-LINE	N ROAD DEVELOPMEN	T PROJECT ON BA	TINAIL HIGHWAY
		MAIN GIRDER AT	A-LINE



	K1	H2
$\mathbf{)}$	815	250.5
9	785	220.5

RY OF COMMUNICATI	ONS, DIRECTO	RATE GENERAL OF	ROADS
ROAD DEVELOPMEN	IT PROJECT C	IN BATINAH HIGHV	YAY
RAILING AND CANT	ILEVER SLAB	AT A-LINE	
	BWGNO.	B-13	



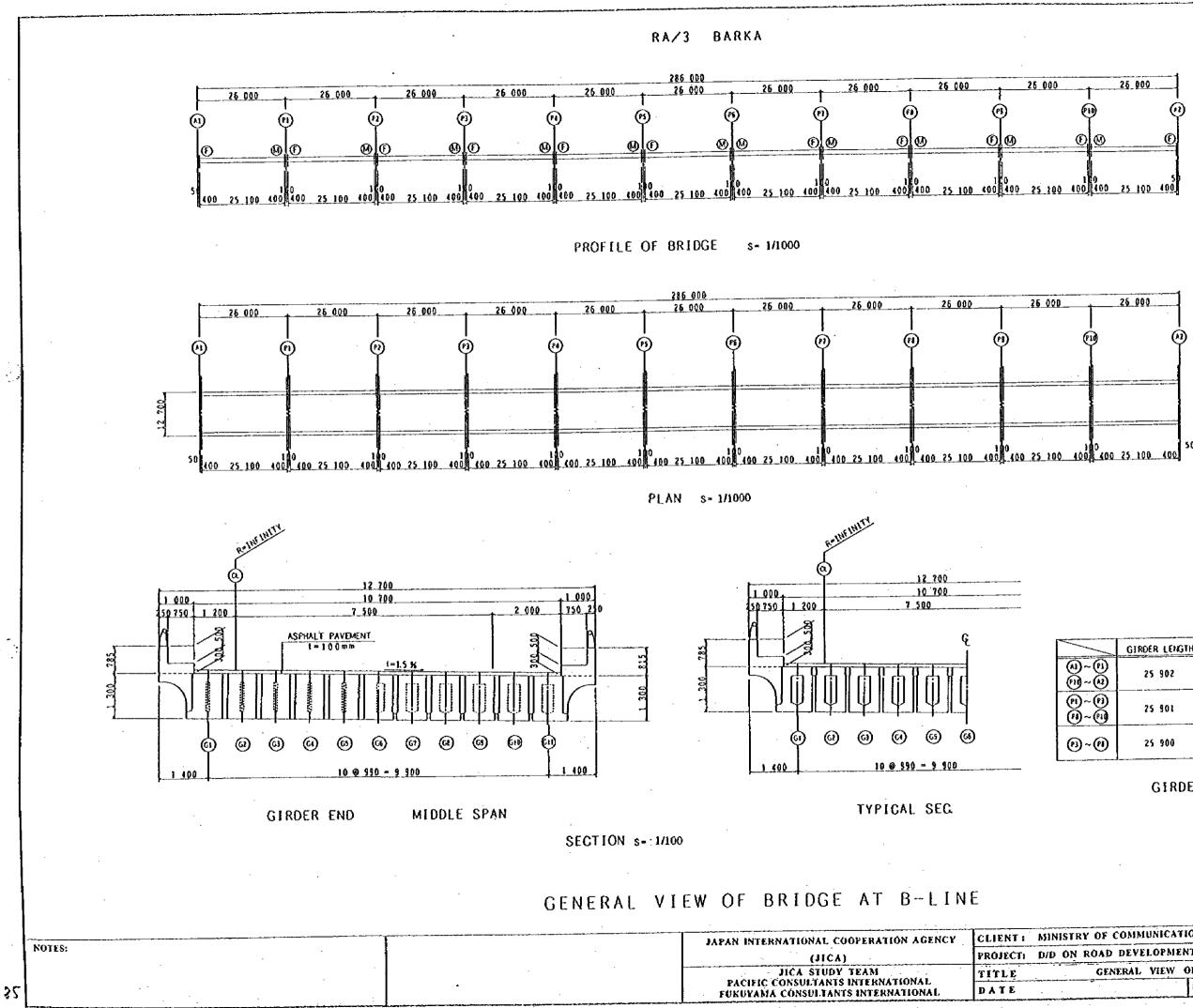
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-			ĩ	LL	12
	(1)~(1)	FIX	16	131	419
	€10~~~́₩	NOV.	14	129	371
	(P)~(P)	FIX	25	140	410
	<u>@~@</u>	NOK	15	130	310
	$(\hat{\mathbf{n}},\hat{\mathbf{n}})$	FIX	24	139	411
	<u>@</u> ~@	NOV.	16	131	369
	(1)~(1)	F1X	22	137	413
	<u>@~@</u>	NOX	18	133	367
	(1)~(15)	FIX	21	136	414
R	Ŏ~Ŏ	NOV.	19	134	366
	00	FIX	20	135	₹15
	®~®	MOV.	20	135	365

SYNTHETIC RUBBER SHOE s= 1/20

(PER SPAN)

SCRIPTION	UNIT	QUANTITY	REMARKS
BAR (GALV.)	· kg	839	#= 8.39 kg/pc.
CAP (GALV.)	kg	18.6	w=1.86 kg/pc
	kg	5.9	w=0.588 kg/anc
TIC RUBBER SHOE	Pes	11	460×360×80
REING BAR	k g	54.8	w=198 kg/Se1
BAR	hg	17.5	w=1.75 kg/oc.
RINKAGE MORTAR	m J	0.198	0.018m ³ /Shoe
	m ³	0.030	0.009m Mole (AVE)
BAR (GALV.)) g	57.0	=570 kg/pc.
CAP (GALV.)	kg	237	=237 kg/sc
	ig	14.5	w=1.45 kg/anc.
TIC RUBBER SHOE	Pes	11	460×350×80
RCING BAR	kg	54.8	w=1.98kg/Set
BAR	٩g	12.6	w=1.76 kg/pc.
RINKAGE NORTAR	_m 3	0.198	0.018m ¹ /Shot
*	a 3	0600	0008m 3/Hole (AVE

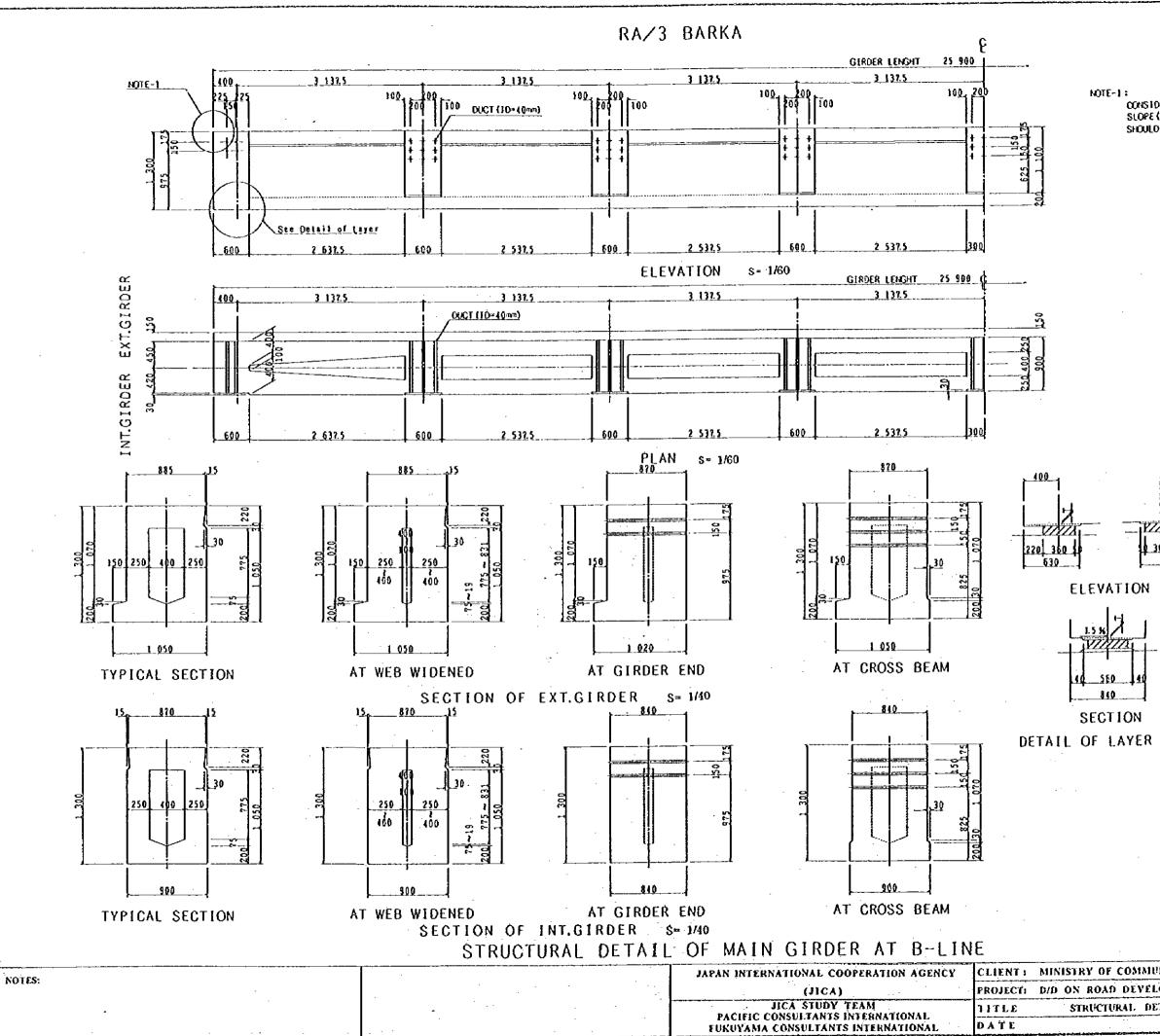
Y OF	сом	IMUNK	CATIO	NS, DIREC	TOR	TE (GENERAL OF ROAL
ROAD	DE	VELOP	MENT	PROJEC	r on	BA7	INAH HIGHWAY
ETAIL	OF	SHOE	AND	ANCHOR	BAR	AT	A-LINE
 	<u> </u>		I	JWGNO.			B-14



	GIRDER LENGTH	SPAN LENGTH	REMARKS
)~(!))}~(!)	25 902	25 102	INCLINED LENGTH
)~())~()	25 901	25 101	
B~(P)	25 900	25 100	

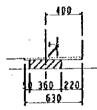
GIRDER LENGTH

Y OF COMMUNICATI	IONS, DIREC	TÓRATE GENER	AL OF ROA
ROAD DEVELOPMEN			
GENERAL VIEW	OF BRIDGE	AT B-LINE	· · · · · · · · · · · · · · · · · · ·
	DWGNO.	B-15	



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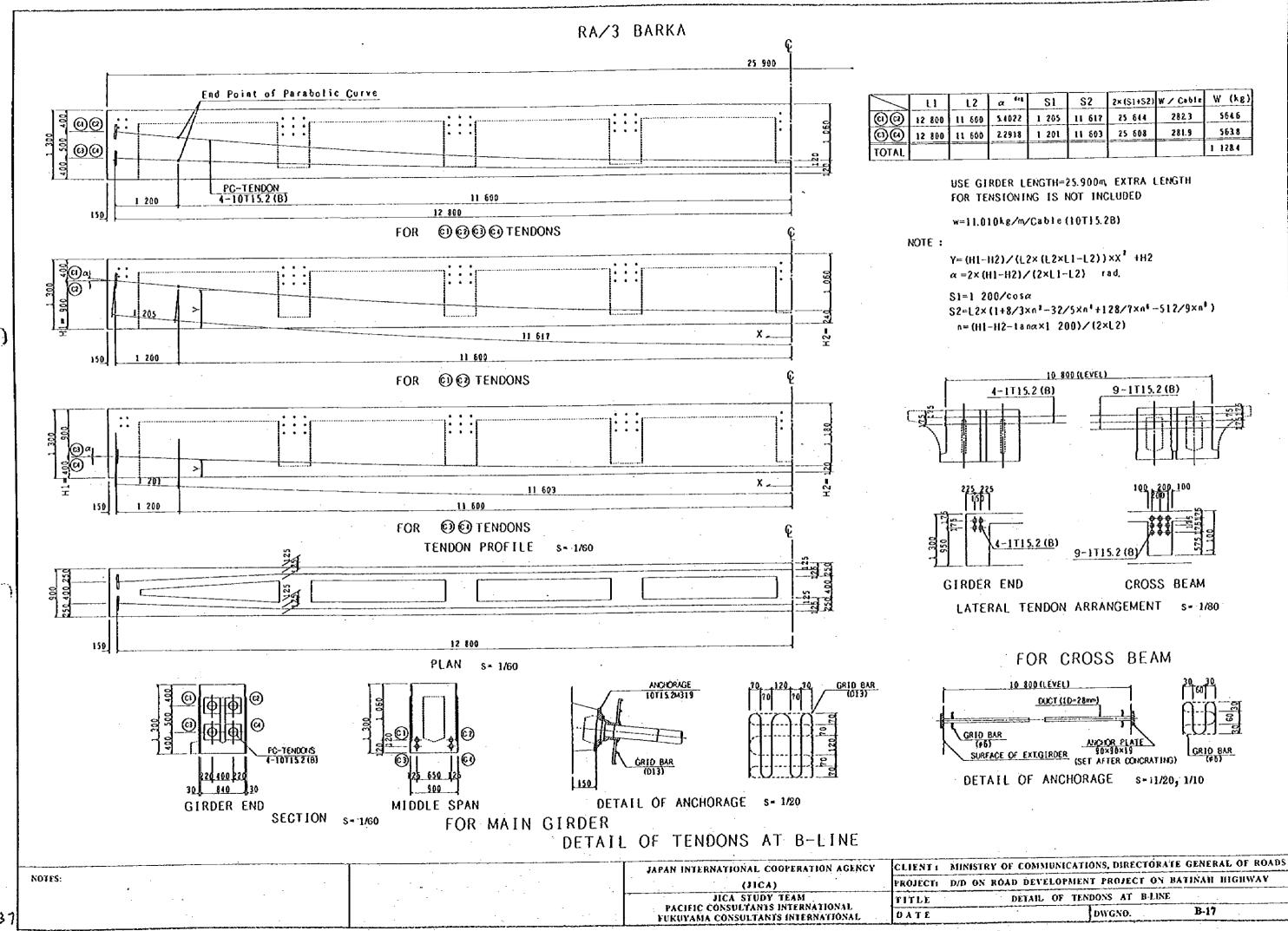
CONSIDERING THE EFFECT LONGITUDINAL SLOPE (1%) TO END GIRDER BOTH ENDS SHOULD BE FIXED PALLAREL TO Y-AXIS



s= 1/40

REMARKS T 16 FIX MON. 14 () () FIX 25 . (62 NON (II) 15 (P2) (P) FIX 24 V(M (9) (19) 16 **(**n) P) FIX 22 VON (P) Ò. 18 ò B FIX 21 (PG)~(P) MOX 19 FIX 20 (PS) (15 NOV. 20

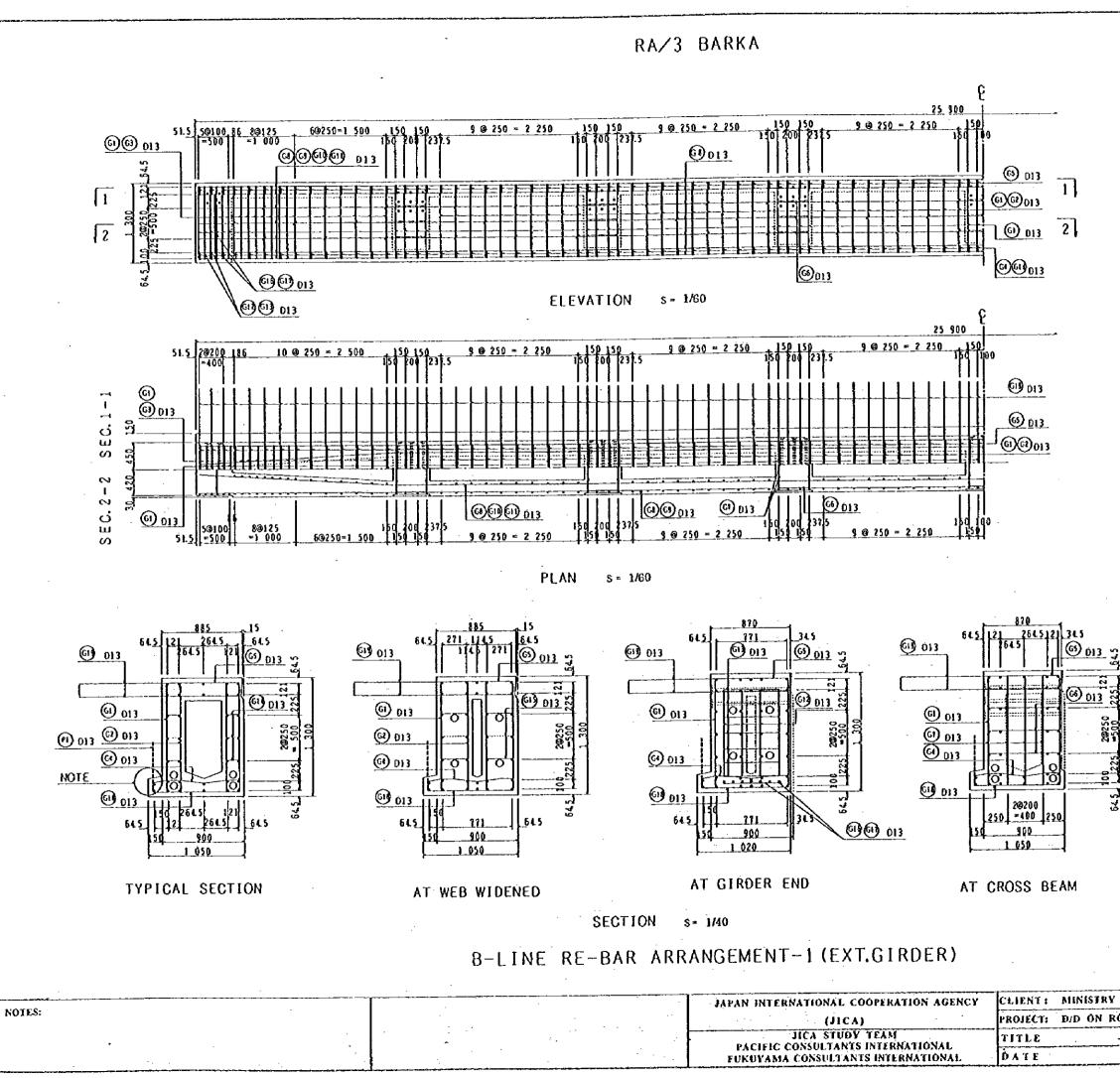
OF COMMUNICATIO	ONS, DIRE	CTORATE G	ENERAL OF	RÓADS
AD DEVELOPMEN	r proje	CT ON BATI	NAII HIGHW	VAY
TURAL DETAIL O	F MAIN	Gikder at	B-LINE	
	DWGNO.		B-16	



ALC: N

1. N. W. W.

a 44	S1	S2	2×(\$1+\$2)	W / Cable	₩ (kg)
\$4022	1 205	11 617	25 644	282.3	\$64.6
2 2918	1 201	11 803	25 608	281.9	563.8
					1 128.4

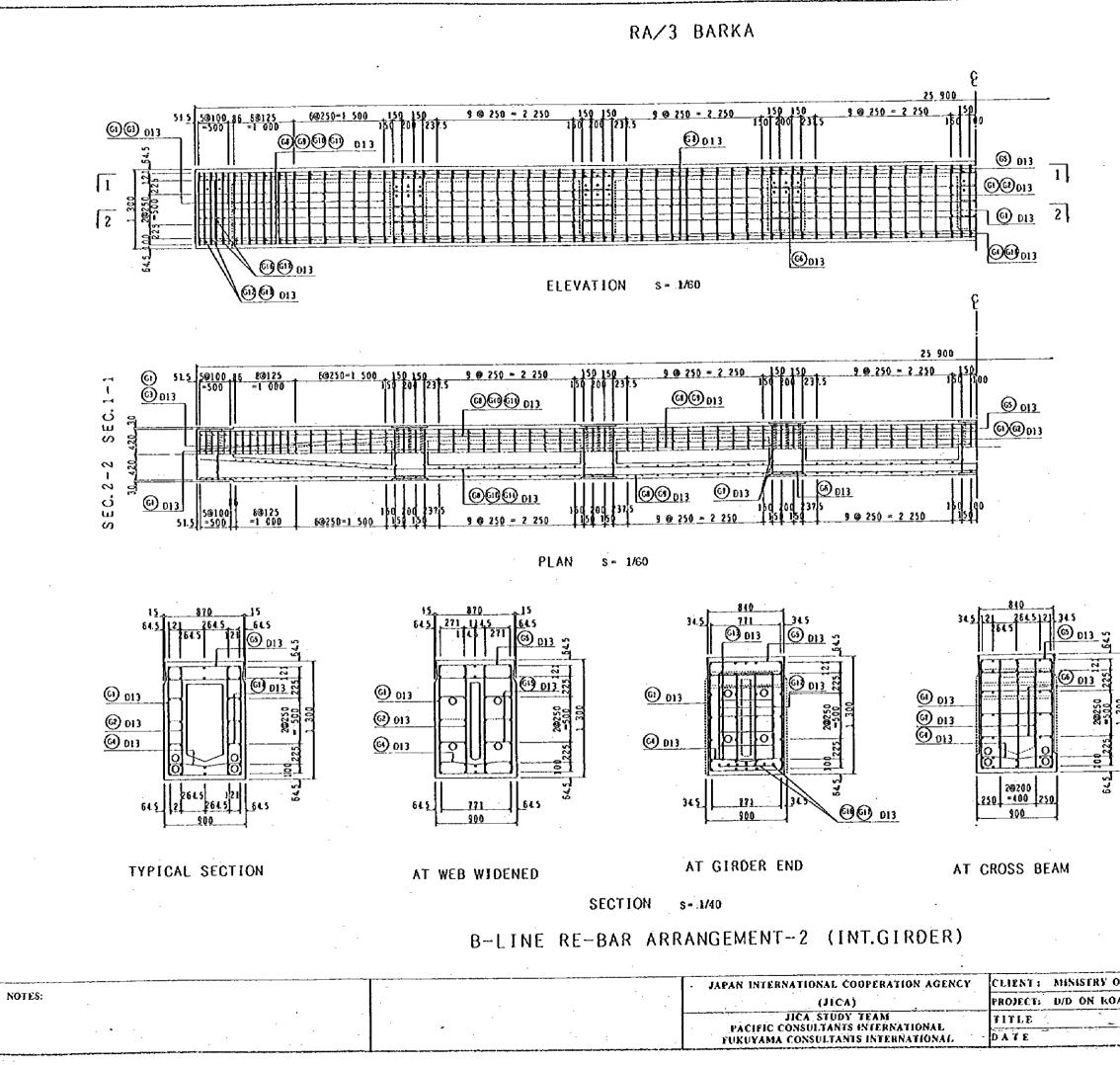




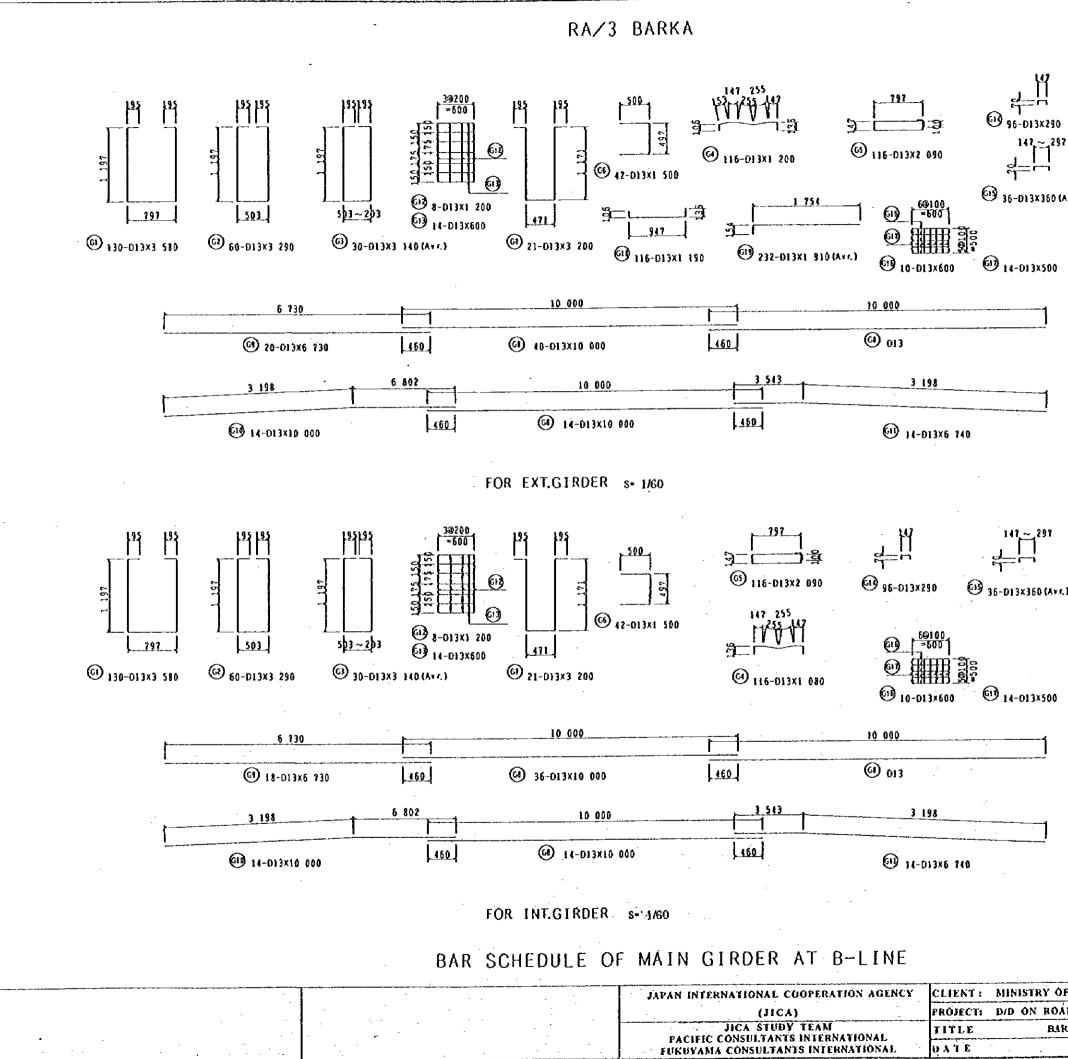
NOTE :

FOR ALTERNATIVE CONSTRUCTION JOINT, INSERT INSIDE THREADED JOINT TO HANDLE PLANTED VERTICAL BAR

OF COMMUNICATI	ONS, DIREC	TOR	ATE GENE	RAL OF F	OADS
AD DEVELOPMEN	T PROJECT	T O	BATINAII	HIGHW/	11
- RE-BAR ARRANG	MENI(1/2)	АТ	B-LINE		
· · ·	DWGNO.		B-18		



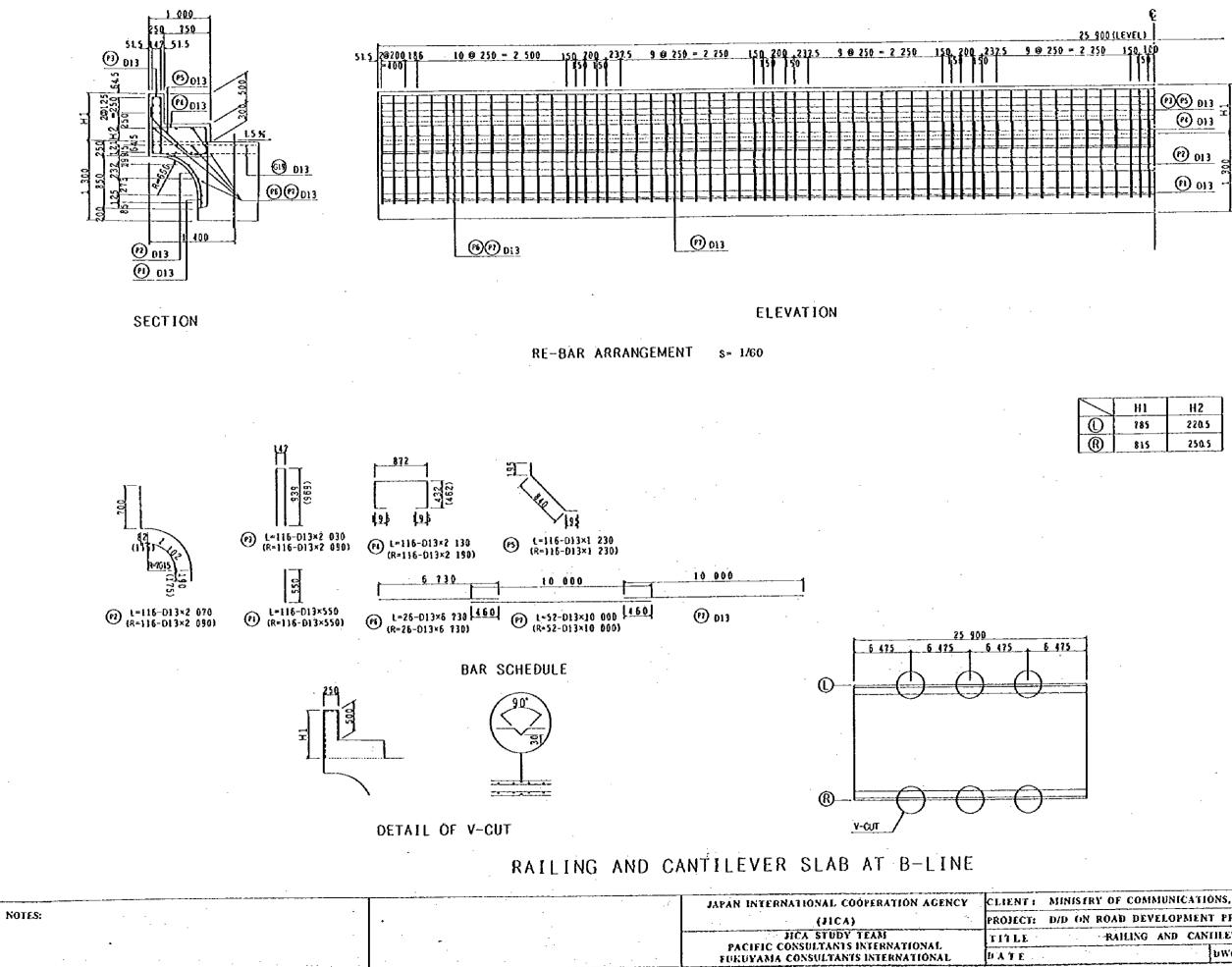
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COMMENT	ATIONS, BIRECT	ORATE CI		ZOADS
	ALIONS, DIALCI			
D DEVELOP	MENT PROJECT	ON BATH	NAH HIGHW.	AY I
D DEVELOP	MENT PROJECT		NAH HIGHW.	<u>AY</u>



NOTES:

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F COMMUNICATI	ONS, DIRECTO	RATE GENER	AL OF ROADS
D DEVELOPMEN C SCHEDULE OF			
	DWGNO.	B-20	

RA/3 BARKA

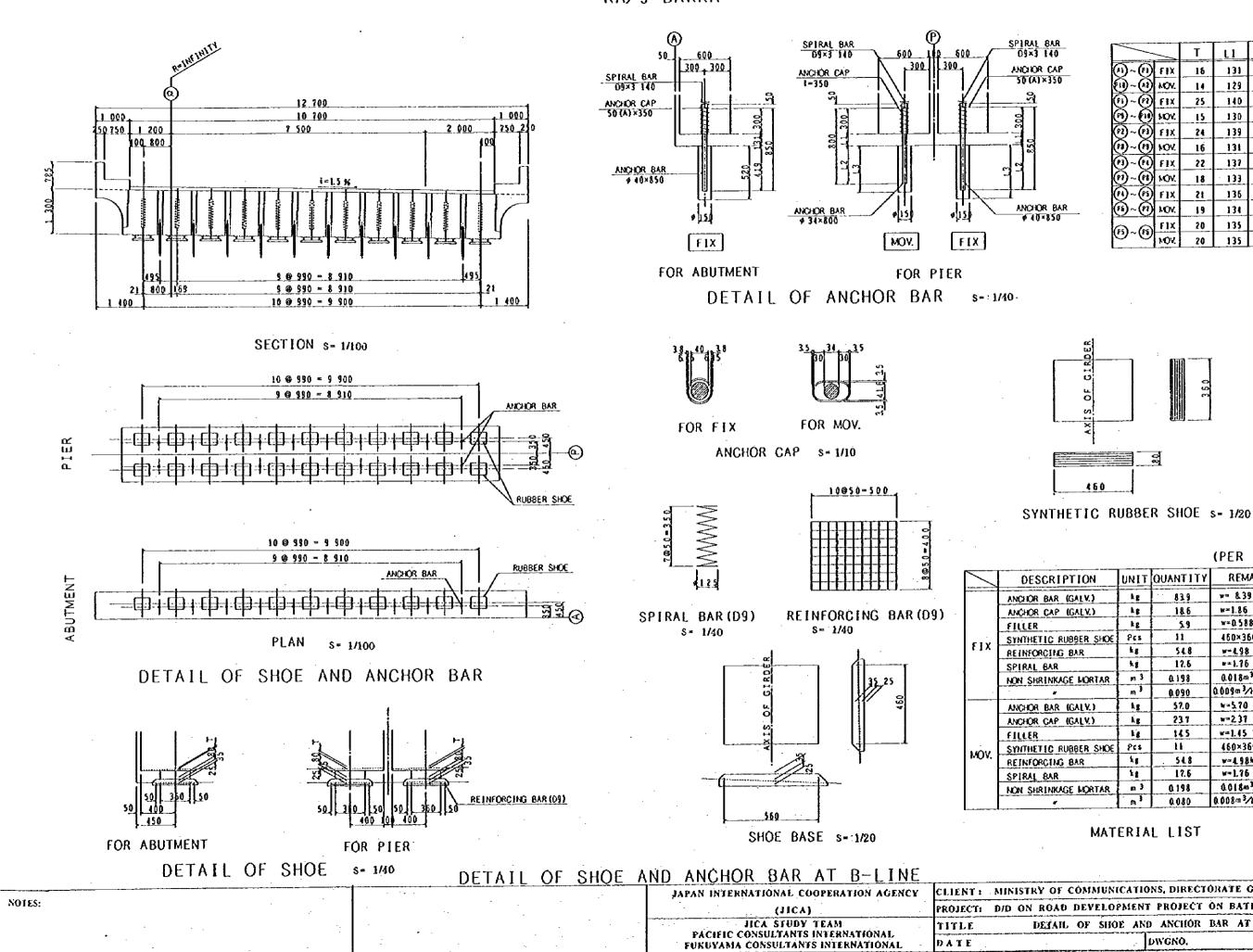


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J	H1	H2
	185	220.5
1	815	250.5

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RAI	ING	A	ND	C	ANI	<u>nu</u>	EVEI	R	SL	AD.	Å	ľ	B-	LE	E					
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RA/3 BARKA



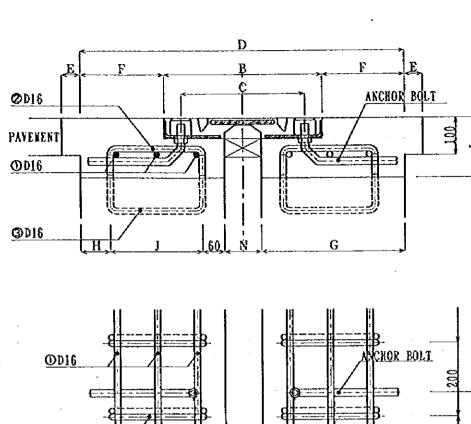
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		T	11	12	13
(4)~(9)	FIX	16	131	419	520
M~Ò	NOV.	14	129	371	475
<u>@~@</u>	FIX	25	140	410	520
<u>@</u> ~@	NOV.	15	130	370	475
<u>@~@</u>	FIX	24	139	411	520
<u> </u>	NOV.	16	131	369	(75
<u>@~@</u>	FIX	22	137	413	520
<u> </u>	NOV.	18	133	367	175
(1)~(9)	FIX	21	136	414	520
<u> </u>	NOV.	19	134	365	(75
00	FIX	20	135	415	520
(1)~(1)	NOV.	20	135	365	(75

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AIL	OF	SHOE	AND	ANCHOR	BAR	AT	B-LI	NE	
			u .	WGNO.			B-2	2	



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MEASURE DATA

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MUNICON	A	В	С	D	E	F	G	H	Ι	J	standapd space between slads N	
PIER	54	433	340	879	50	223	390	80	160	250	100	80
ABUT	40	303	235	709	50	203	330	70	150	200	50	50

NATERIAL LIST (PER 10 m)

XATERÍAL	CLASSIFICATION	UNIT	PIER	ABU
TRANSFLEX JOINT	INCLUDING ANCHORBOLT	m	10. 0	10.0
	FOR JOINT SEALS	kg	22.5	16.0
SEALANT	FOR PLUG HOLE	kg	8.5	4.0
· · · · · · · · · · · · · · · · · · ·	OD16	kg	93.60	93.60
REINFORCING BAR	ØD16	kg	60.84	53.04
RECESS CONCRETE	HIGH-EARLY STRENGTH CONCRETE	m	1. 143	0.964
COLORING AGENT OF THE FACE	3 kg/m ¹	kg	16. 0	15.0
POLYURETHANE FORM		m	10. 0	10.0
	SAND	m,	0.66	0. 53
TRANSIENT FILLING WATERIAL	ASPHALT CONCRETE	m¹	0. 73	0.60

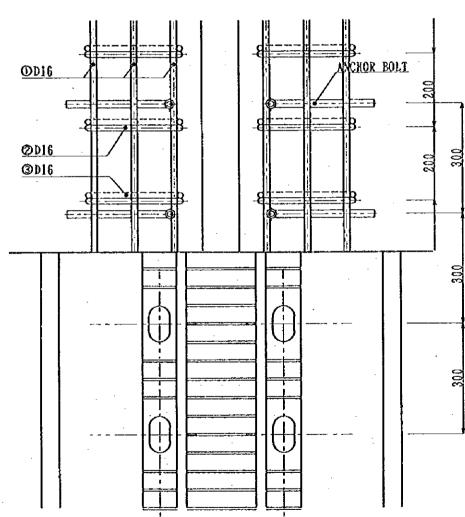
QUANTITY LIST

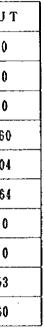
	PIER	ABUTHENT
AL KHABURAHN	2 0	4
IOTAL LENGTH	222. 0	44. 4

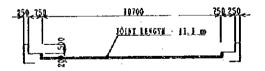
TRANSFLEX JOINT s=

S= 1/10

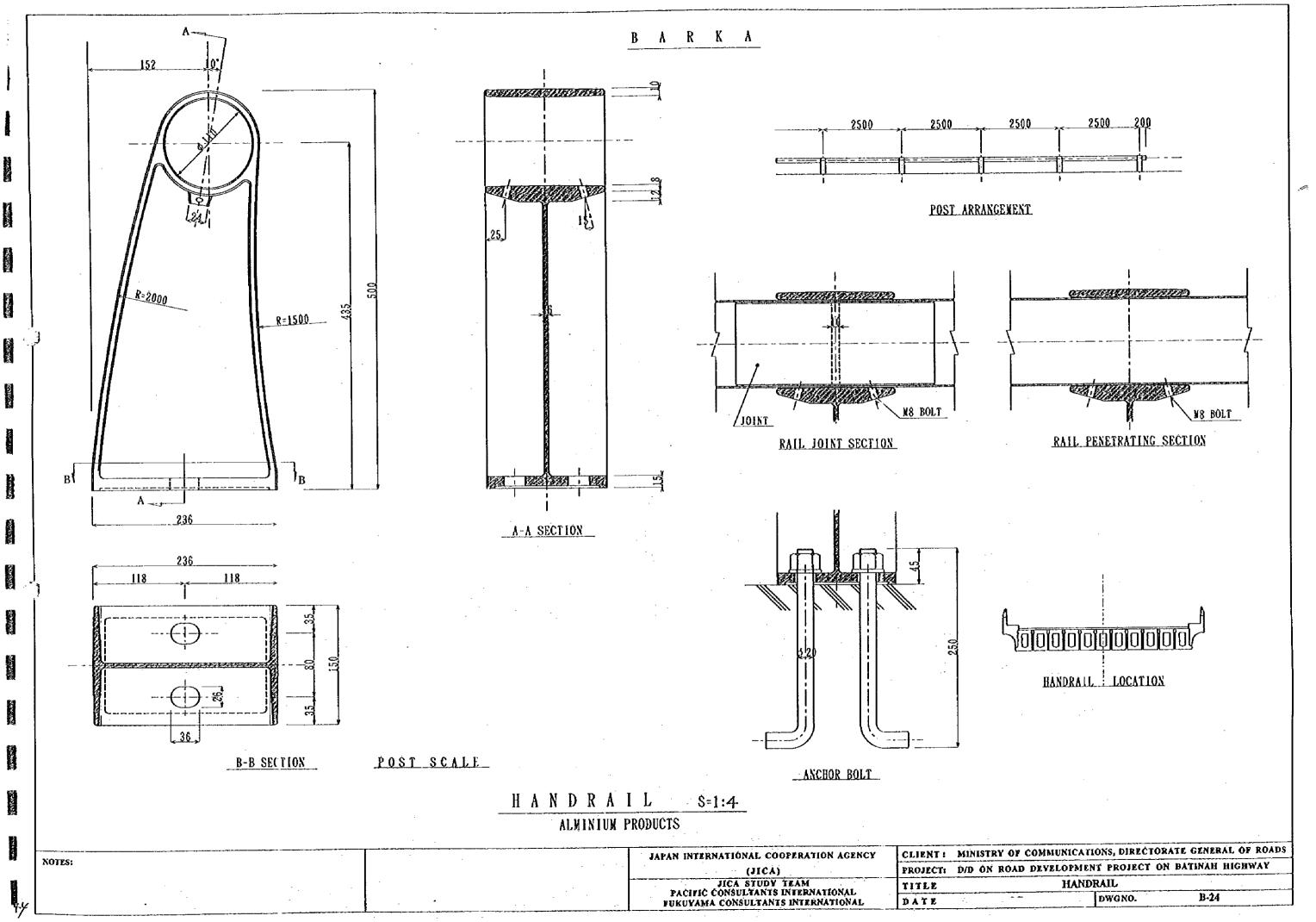
1000			2= 1110
2			
11	NOTES:	JAPAN INTERNATIONAL COOPI (JICA)	ERATION AGENCY CLIENT: MINISTRY OF COMMUNICATIONS, DIRECTORATE GENERAL OF ROADS PROJECTI D/D ON ROAD DEVELOPMENT PROJECT ON BATINAH HIGHWAY
	•	JICA STUDY TE PACIFIC CONSULTANTS IN FUKUYAMA CONSULTANTS II	TERNATIONAL DAT







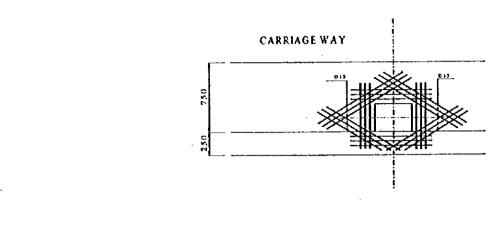
JOINT LENGTH PER 1 PLACE

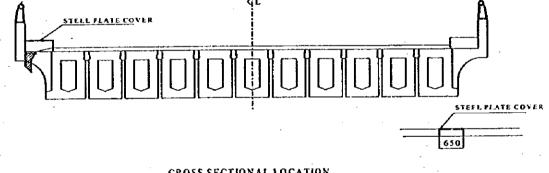


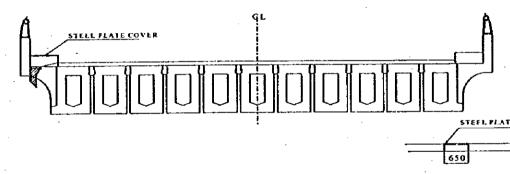
A PERSONAL N

BRIDGE DRAINAGE DETAILS (BARKA FLYOVER)



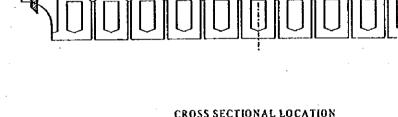


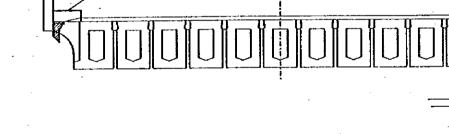




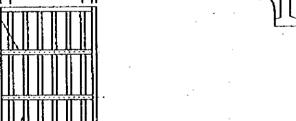










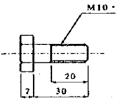


110

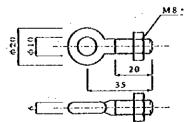
270

5*39=195

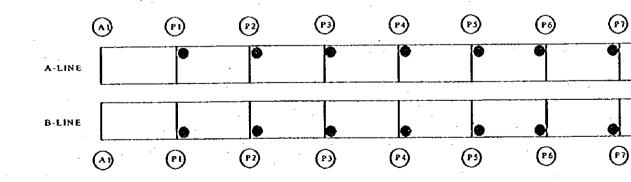




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<u># # 96*17</u>



JAPAN INTERNATIONAL COOPERATION AGENCY CLIENT: MINISTRY OF CO PROJECT: D/D ON ROAD (JĮCA) JICA STUDY TEAM PACIFIC CONSULTANTS INTERNATIONAL FUKUYAMA CONSULTANTS INTERNATIONAL TITLE DATE

INATALLING LOCATIONS

CATCH BASIN (S=1:5)

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an Palac

a star in the star

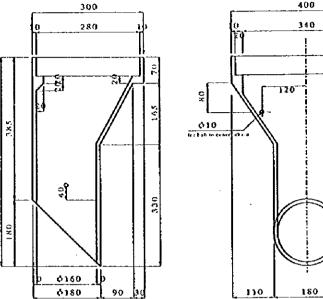
Same Sugar

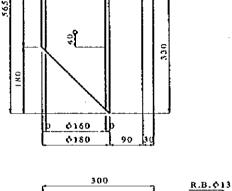
Surger and

all Contraction

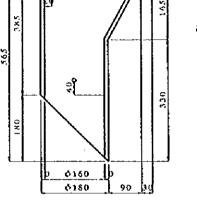
45

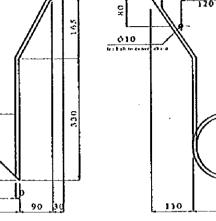
NOTES:



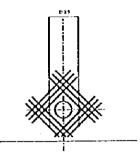


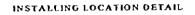
240

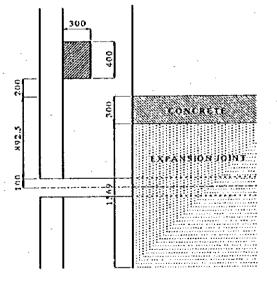


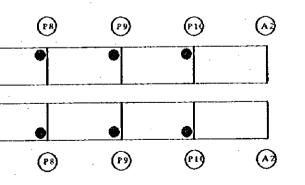




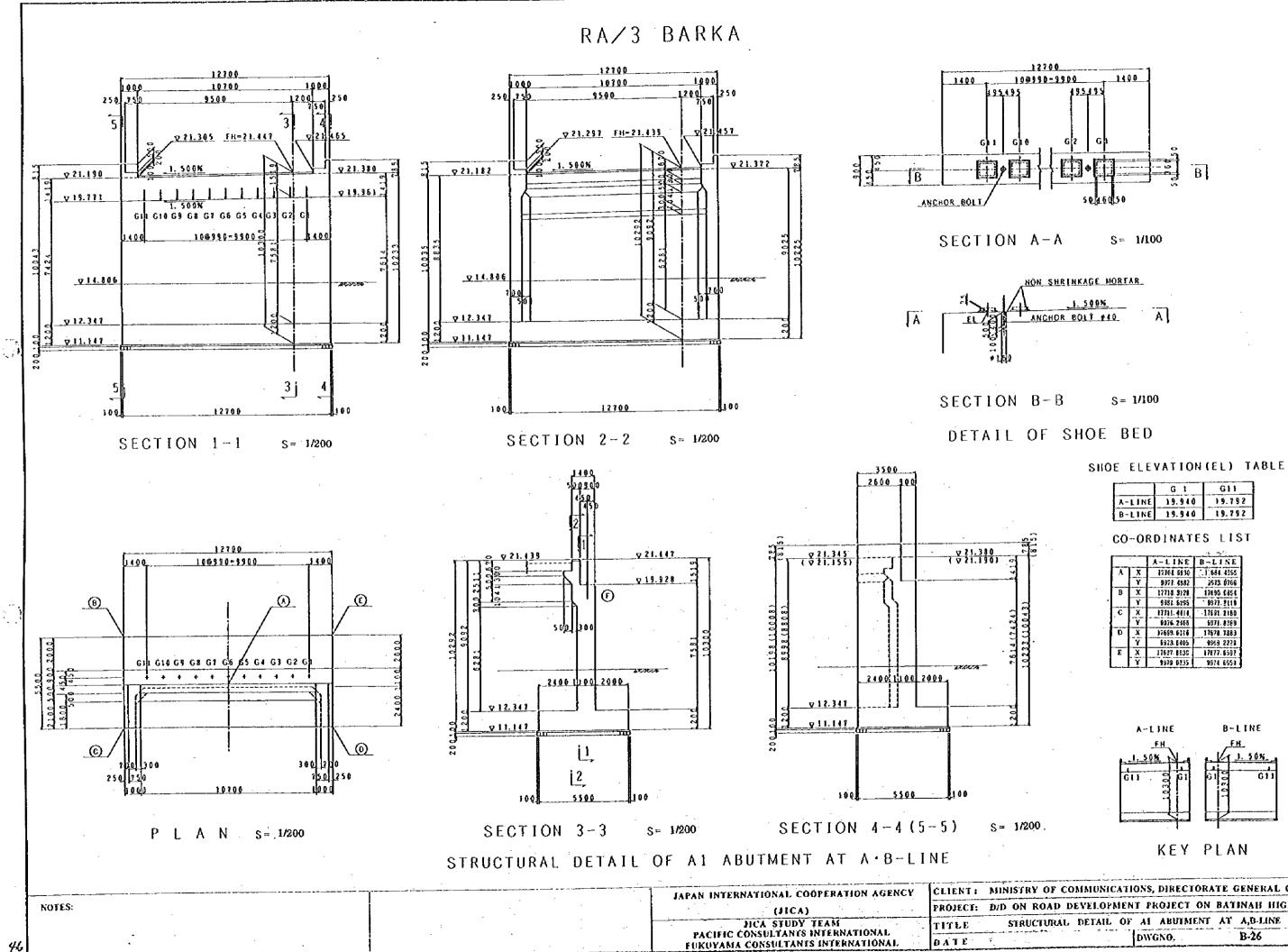








		· · · ·
COMMUNICAT	IONS, DIRECTORAT	E GENERAL OF ROADS
DEVELOPME	NT PROJECT ON BAT	тіман шөнжау
BRIDGEDR	AINEGE DETAILS (BARKA)
	DWG.NO.	8-25

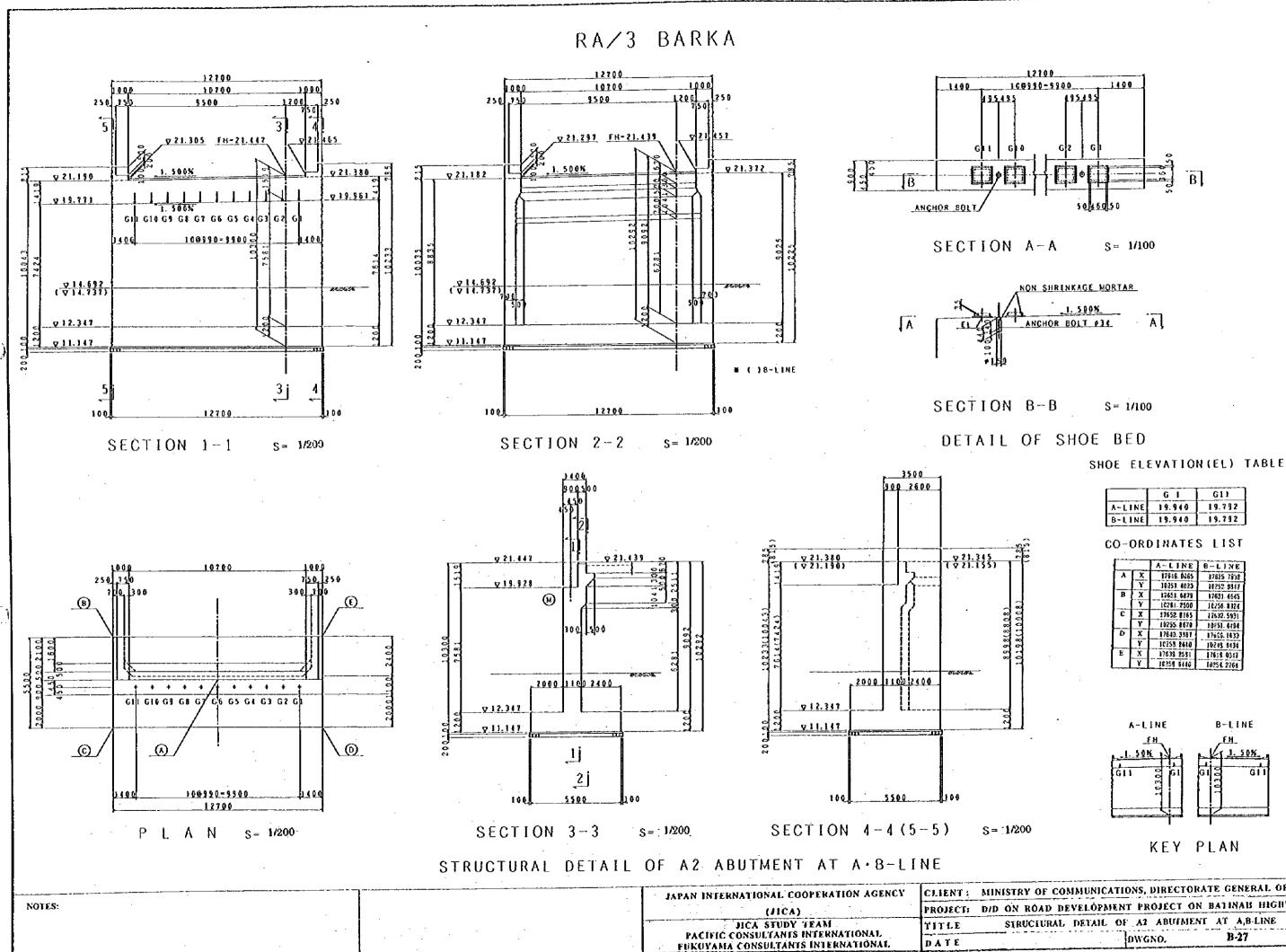


$$-A = 1/100$$

	Gl	G11
A-LINE	19.940	19.792
B-LINE	19.940	19.792

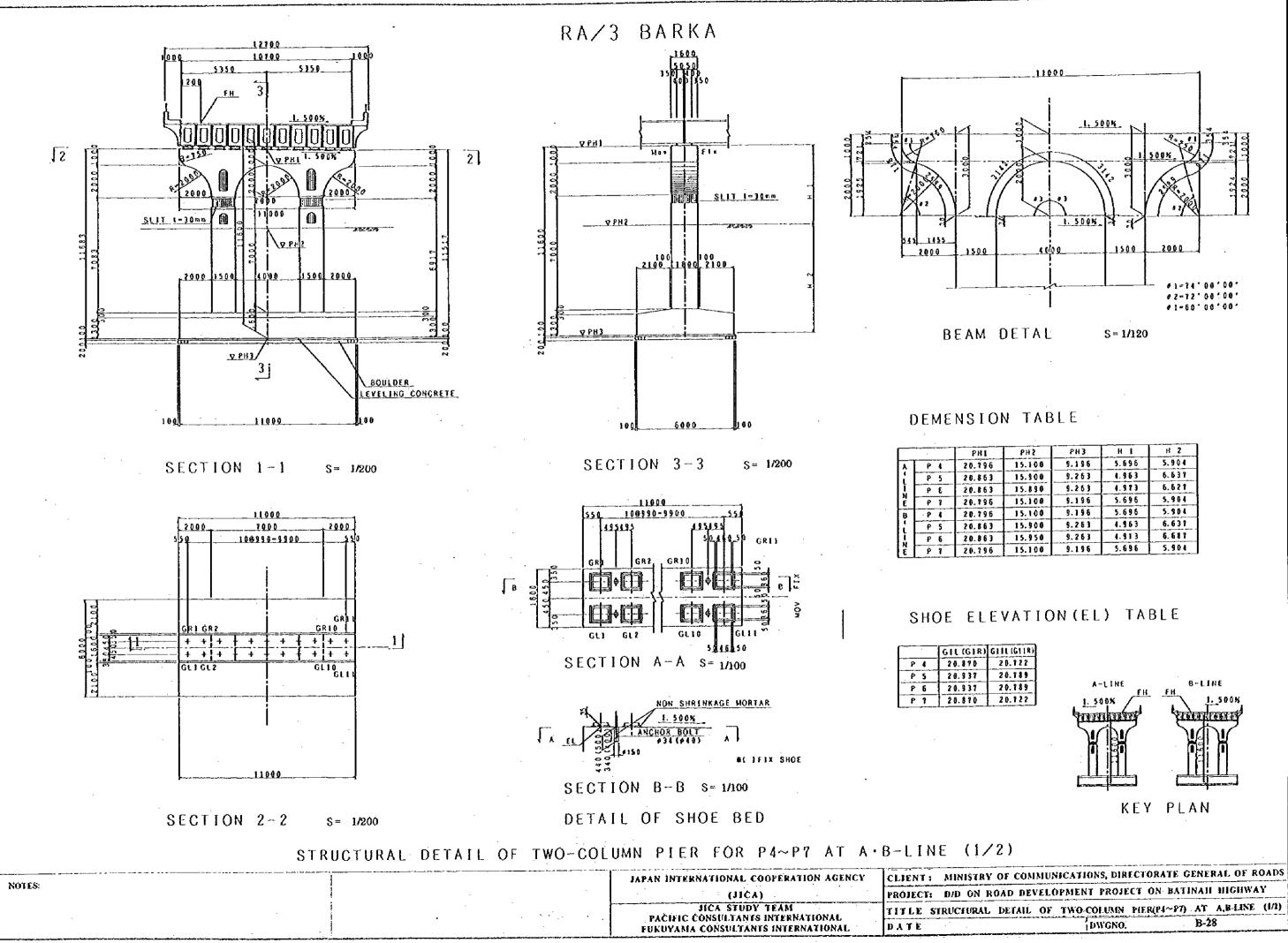
-			
	•	A-LINE	B-LINE
A	X	17764 6930	1.664.4555
	Y	9977. 4582	3573 0766
В	X	17714 3128	17690 6854
	Y	9983 Sz\$\$	9977.2119
, C	X	17711.4414	17691.2160
}	Ŷ	9976. 2465	\$971.8289
D	X	17699.0136	17678.7883
	Y	\$973.\$485	9969 2229
ε	Х	11627 BE3C	17677.6597
	Y	9379 0235	9974 6653

OF COMMUNICATI	ONS, DIRECTORA	TE GENERAL OF ROAL
AD DEVELOPMEN	T PROJECT ON	BATINAH HIGHWAY
TRAL DETAIL OF	AI ABUTMENT	AT A,B-LINE
	DWGNO,	B-26



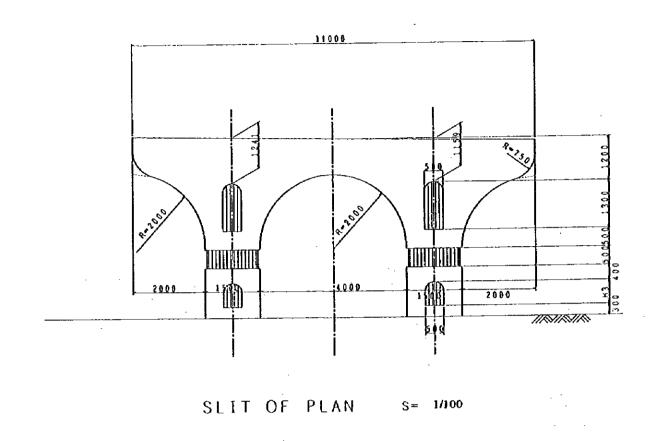
		G 1	G11
A-L	INE	19.910	19.792
B-L	INE	19.940	19.792
-00	ORI	DINATE	S LIST
	-	A-LINE	B-LINE
λ.	X	17546-0465	17625 7832
	Ŷ	10257. 4023	10252 \$947
В	{ X	17651. 6879	17631 4645
	Ŷ	10261 2500	18256-8324
C	X	17652 8165	17632.5931
	Y	10255 8670	10251-4494
D	X	17643.3361	17026-1633
	Ŷ	10253 2610	10245 6434
	v	17639 2531	17618 0012
Ē	X	1/031 2931	17615-0347

	DWGNO,	B-27	
URAL DETAIL OF	A2 ABUIM	ENT AT A,B-LINE	
		IN BATINAB HIGHWA	<u>Y</u>
		RATE GENERAL OF R	



PH2	PH3	ні	Н 2
15.100	9.196	5.696	5.904
15.300	9.263	4.963	6.637
15.890	9.263	4.973	6.621
15.300	9.196	5.696	5.984
15.100	9.198	5.695	5.904
15.900	9.263	4.953	6.631
15.950	9.263	4.913	6.617
15.100	9.198	5.698	5.904

RA/3 BARKA

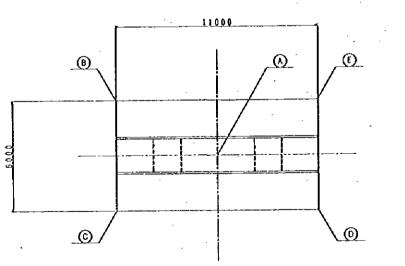


DEMENSION (H3) TABLE

	A-LINE	8-LINE
P (1496	1496
P 5	763	763
P 6	773	713
P ?	1496	1498



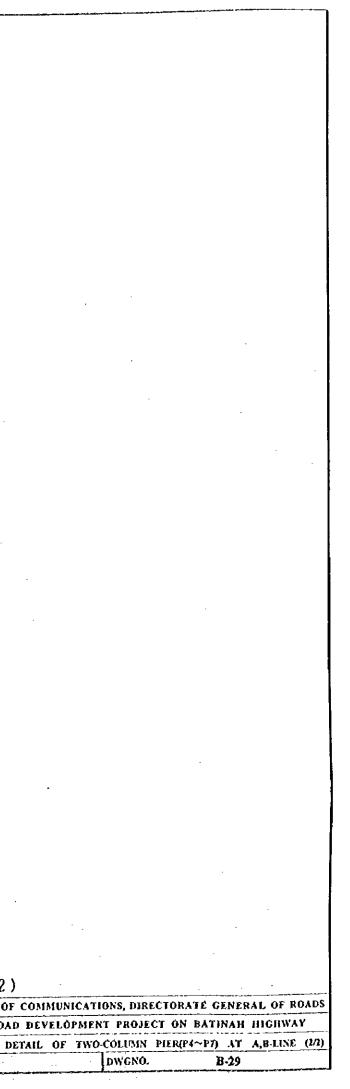
			A	В	с	D	ε
	124	Х	17663 3525	17638.115:	17689 3516	17678 5851	17577. 3533
A		Ŷ	1,079 2752	10083 3353	10077- 4575	16075. 2104	30051-0827
ł	15	X	17672 4173	17581.7847	17664. 0159	11673. 2499	17675.6187
		Y	EDi C4. 7219	10108 7867	10162. 9143	10:00. 8572	10:06 5295
٤	Fó	X	11512 6325	17577. 4495	17678 6897	17667 9143	17656. 8335
ı	L	LY]	16175-1687	10134 2334	50128.3611	20126.2039	14131.9752
N	£7	X	17667 5471	17672 1144	:7673.3458	17662 5787	-17651. 3485
3		Ϋ́	19155 E154	16159 E801	10:53 8078	10151-5566	10:51 4230
	19	X	17663 1291	17657 8355	17681 1276	17618 3617	17657 1335
8		Y	12074 2576	15578 9223	10673 0500	12670.7928	10016 6651
•	15	X	17657 7840	17652 5613	17683 7925	17653 8266	17651 7951
1		7	20103 3013	10:04 3690	10098 4967	10096 2335	10:02 1119
L	15	X	17552 4588	17657. 2262	17658 4574	17647.6914	1.645 4603
ĩ		Ŷ	18125 7519	19129-8155	16123 4435	12121. 6863	10127 5588
х	n	X	17647.1237	17551. 1910	17855-1222	17542 3583	17641 1251
3		Y	76151 1578	16155 2625	10142. 3932	19:47. 1330	10:53 0053

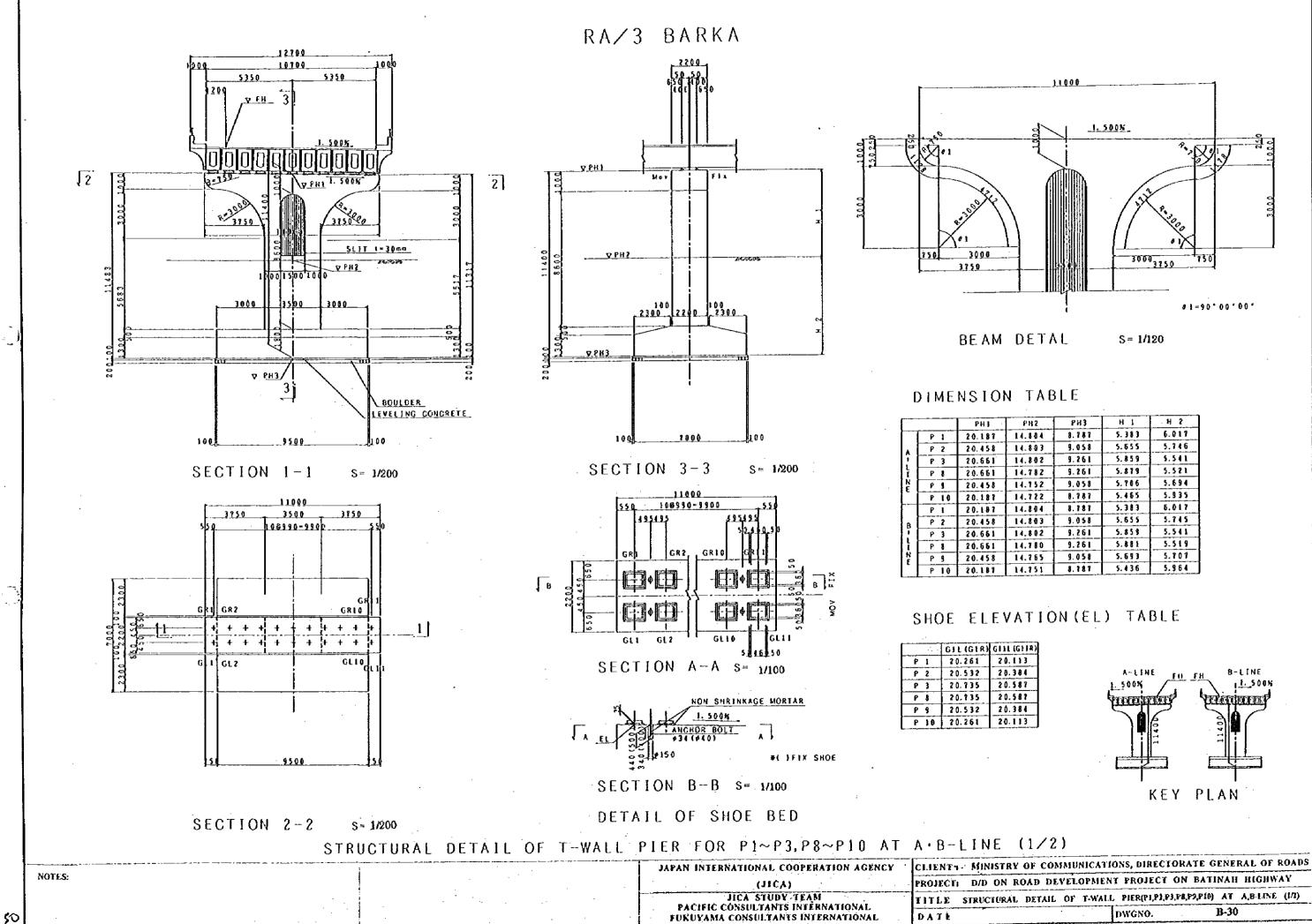


FRAMING PLAN S= 1/200

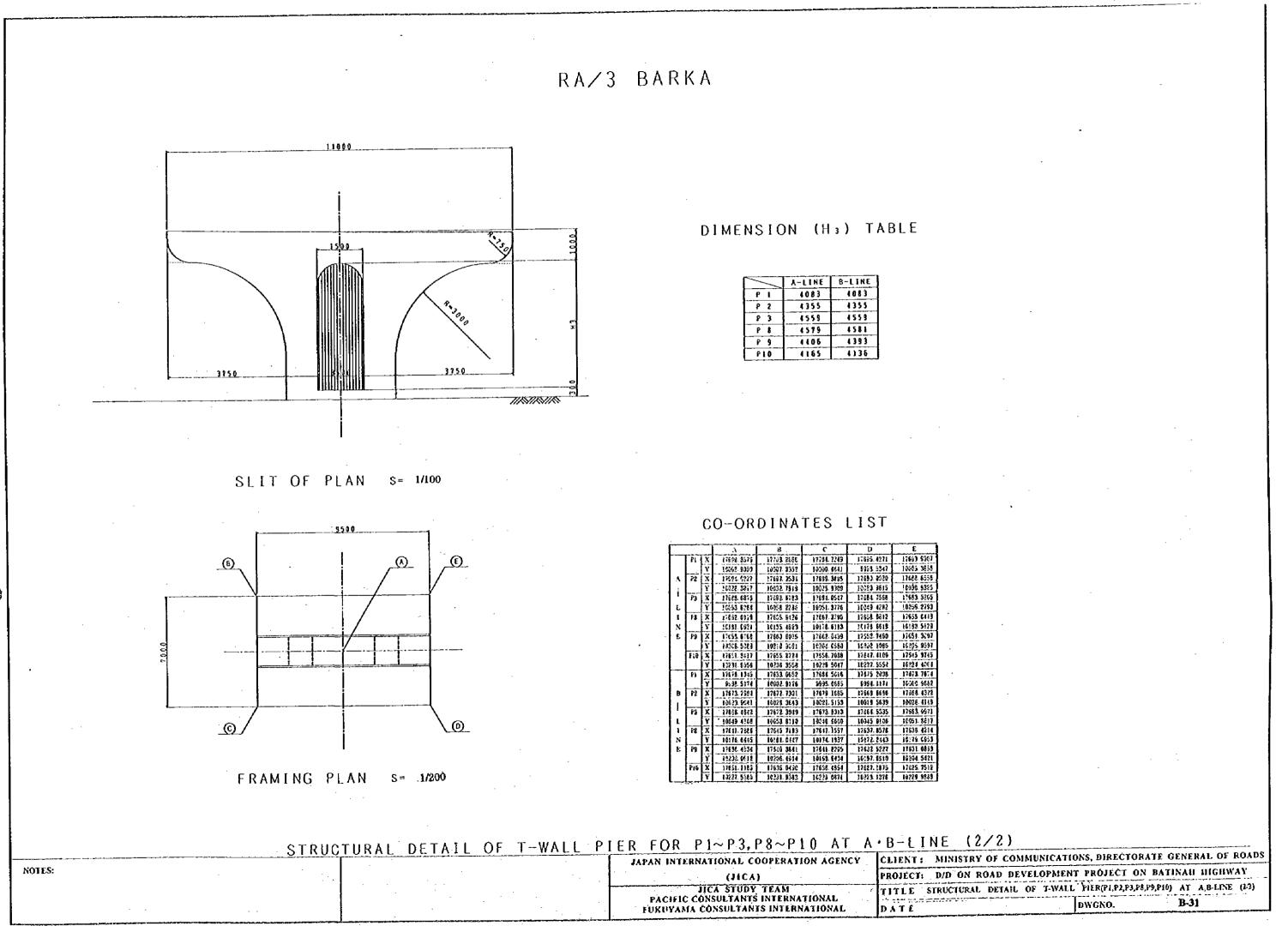
STRUCTURAL DETAIL OF TWO-COLUMN PIER FOR P4~P7 AT A·B-LINE (2/2)

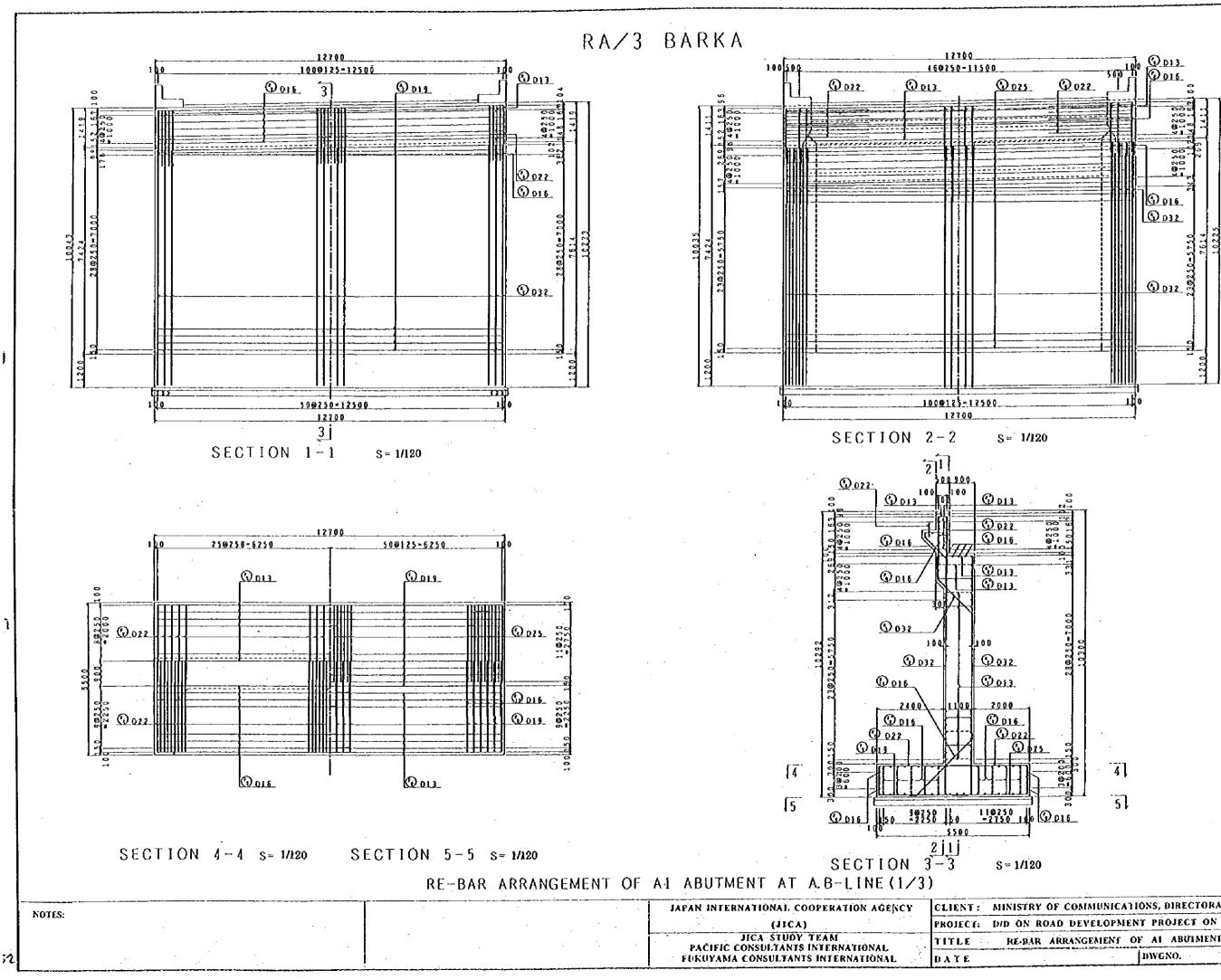
	NÓT 50		JAPAN INTERNATIONAL COOPERATION AGENCY	CLIENT ; MINISTRY OF C
	NOTES:	•	(JICA)	PROJECT: D/D ON ROAD
			JICA STUDY TEAM PACIFIC CONSULTANTS INTERNATIONAL	TITLE STRUCTURAL DET.
-7		· · · · · · · · · · · · · · · · · · ·	FUKUYAMA CONSULTANTS INTERNATIONAL	DATE
		•		





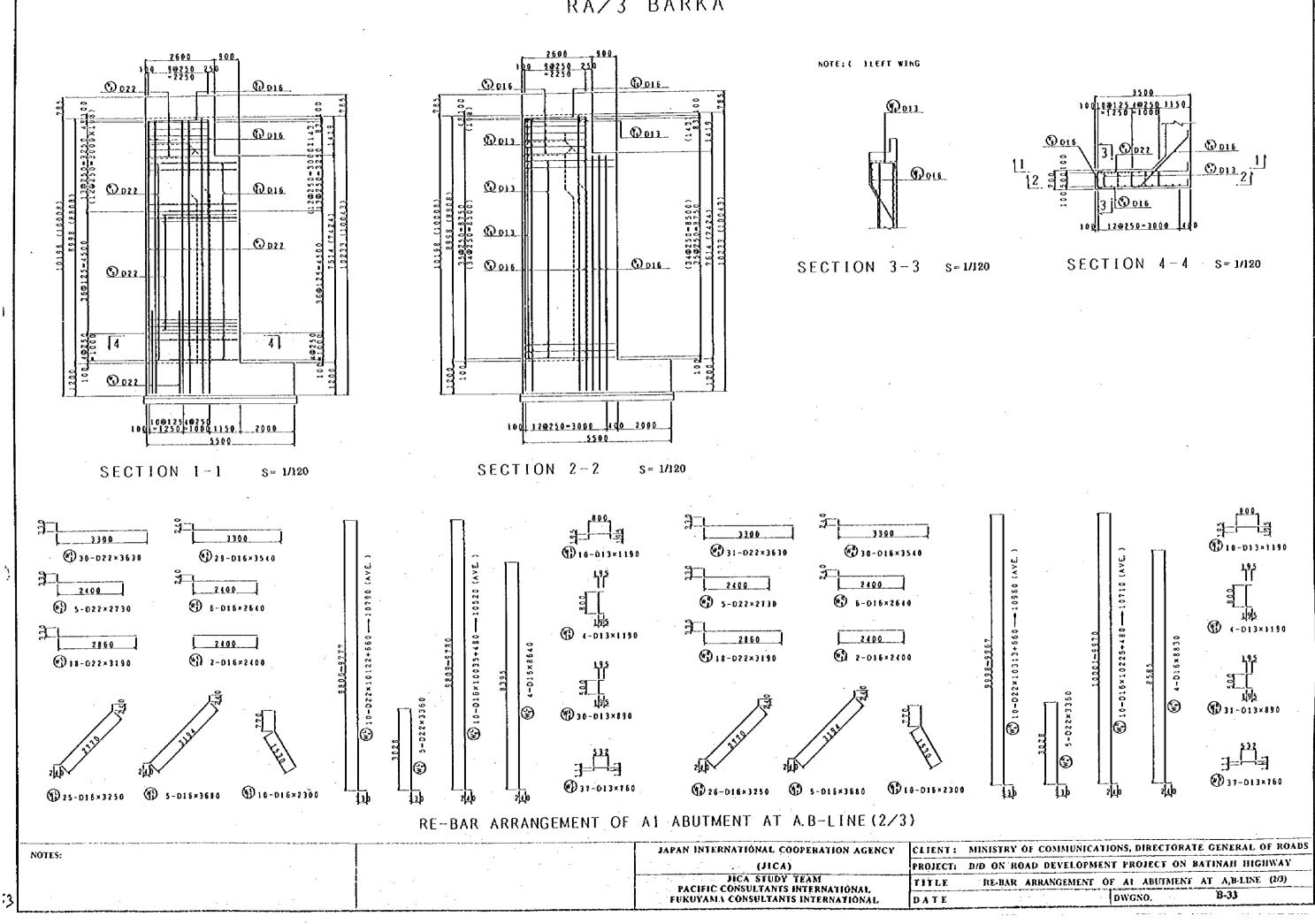
PH3	H 1	.H 2
8.787	5.383	6.017
9.058	5.855	5.746
9.261	5.859	5.541
9.261	5.879	5.521
9.058	5.706	5.894
8.787	5.465	5.935
8.787	5.383	5.017
9.058	5.655	5.715
9.261	5.859	5.541
9.261	5.881	5.519
9.058	5.693	5.707
8.787	5.436	5.964
	9. 0 5 8 9. 2 6 1 9. 2 6 1 9. 0 5 8 8. 7 8 7 9. 0 5 8 9. 2 6 1 9. 2 6 1 9. 2 6 1 9. 0 5 8	8.787 5.383 9.058 5.655 9.261 5.859 9.261 5.879 9.058 5.706 8.787 5.465 9.058 5.655 9.058 5.655 9.261 5.859 9.058 5.655 9.261 5.859 9.261 5.859 9.261 5.859 9.261 5.881

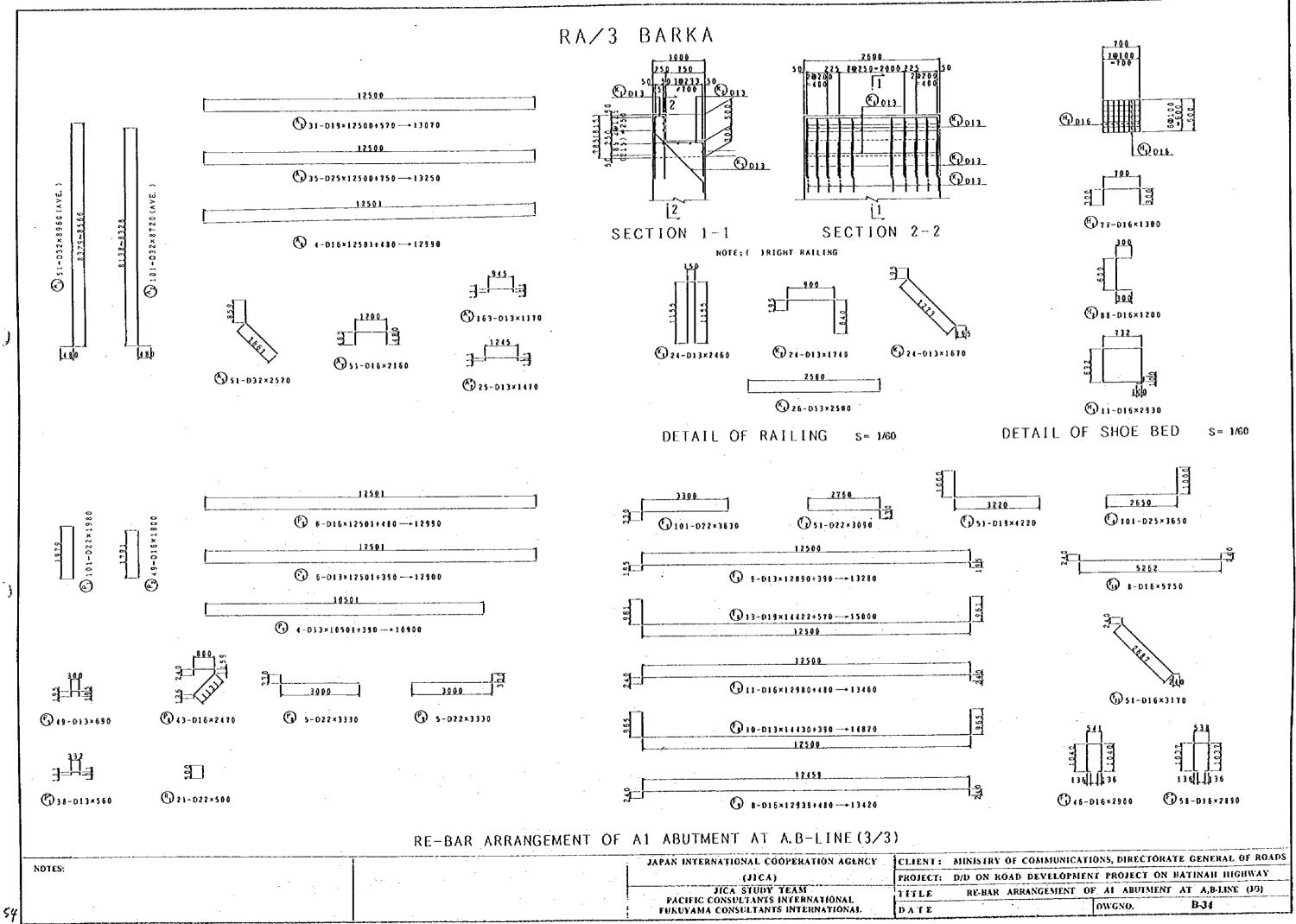


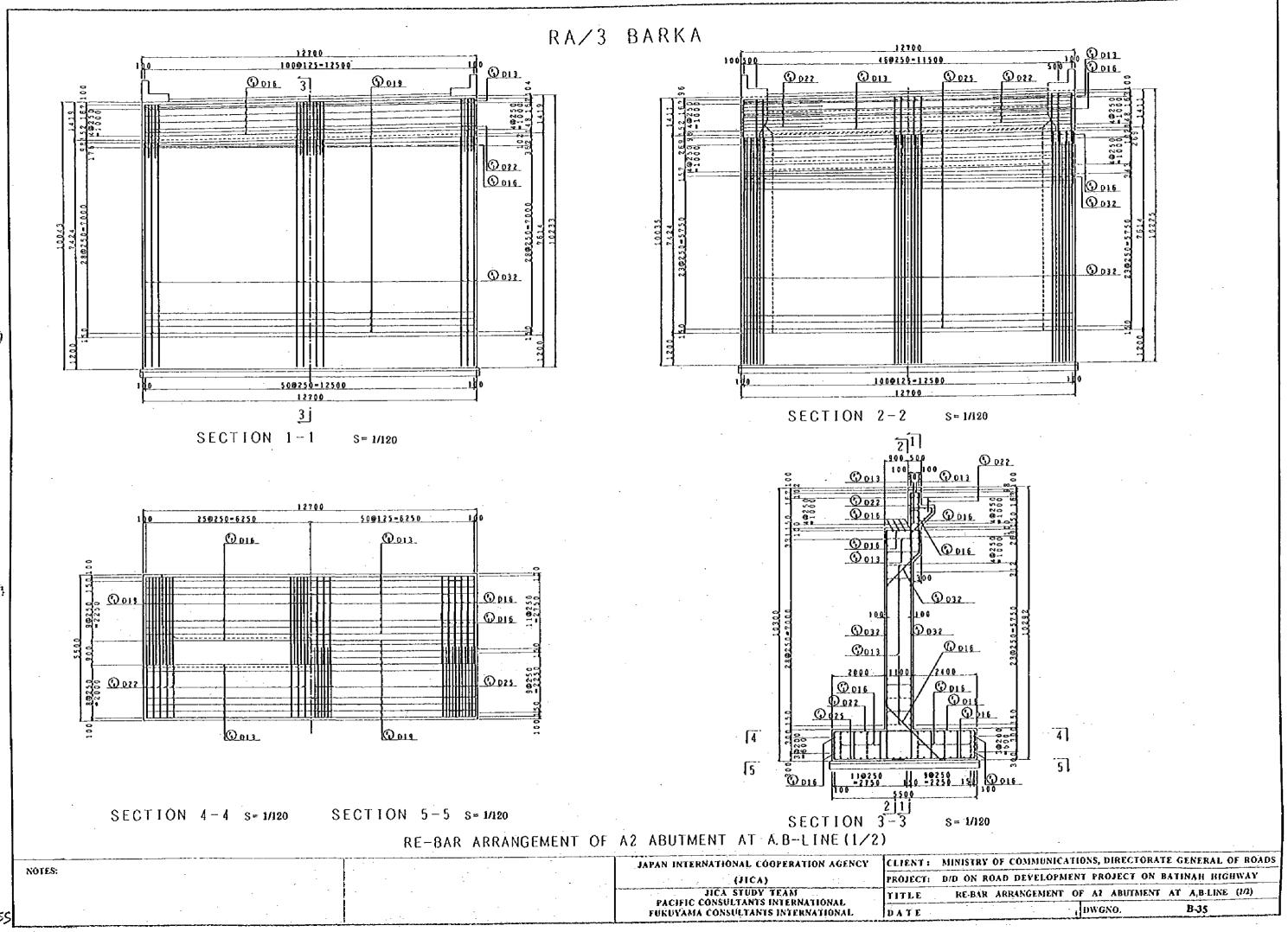


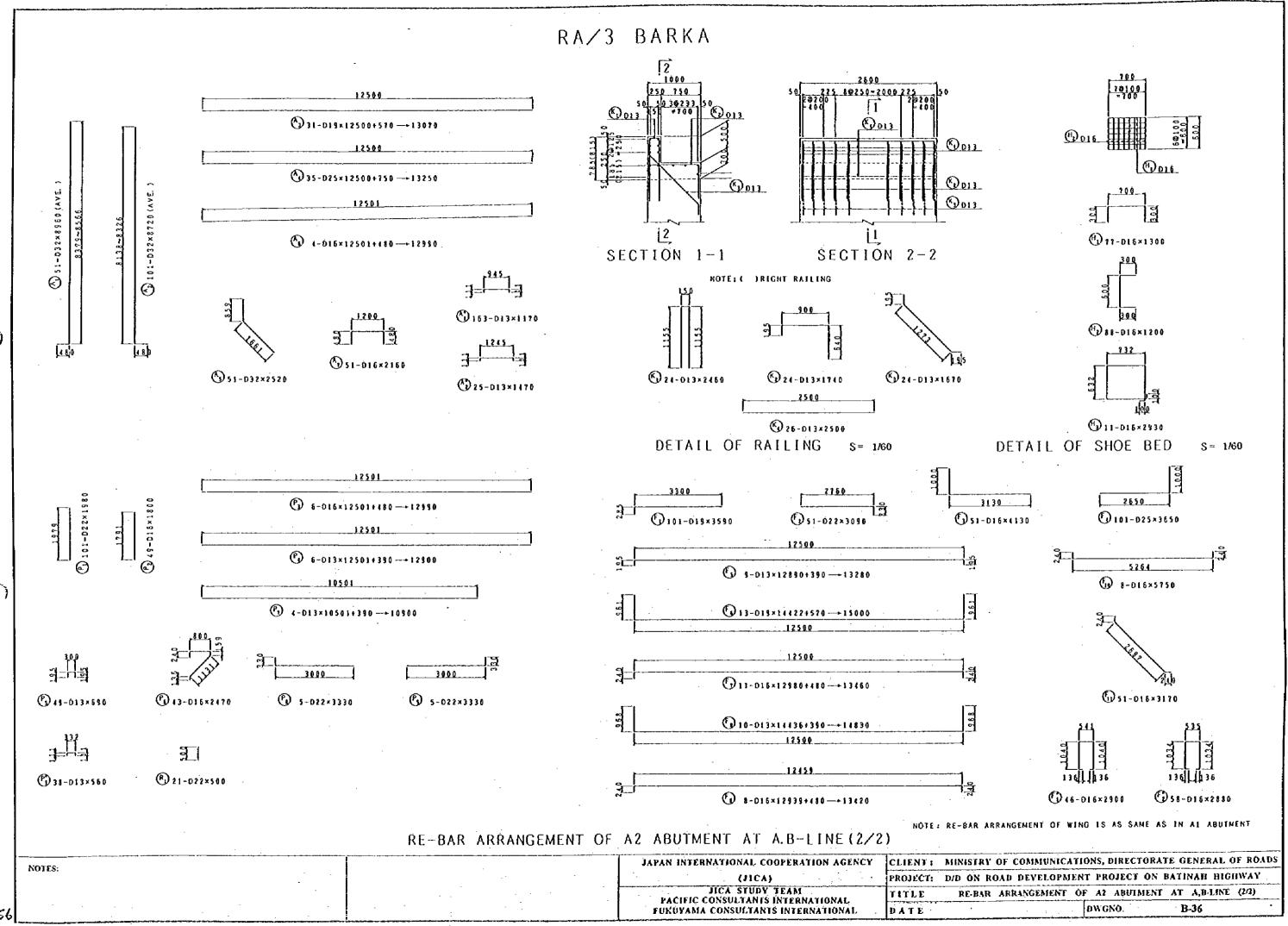
OF COMMUNICAT	IONS, DIRECTORA	TE GENERAL OF ROAL
DAD DEVELOPMEN	T PROJECT ON	BATINAH HIGHWAY
ARRANGEMENT O	F AL ABUTMENT	AT A,B-LINE (1/3)
	DWGNO.	B-32

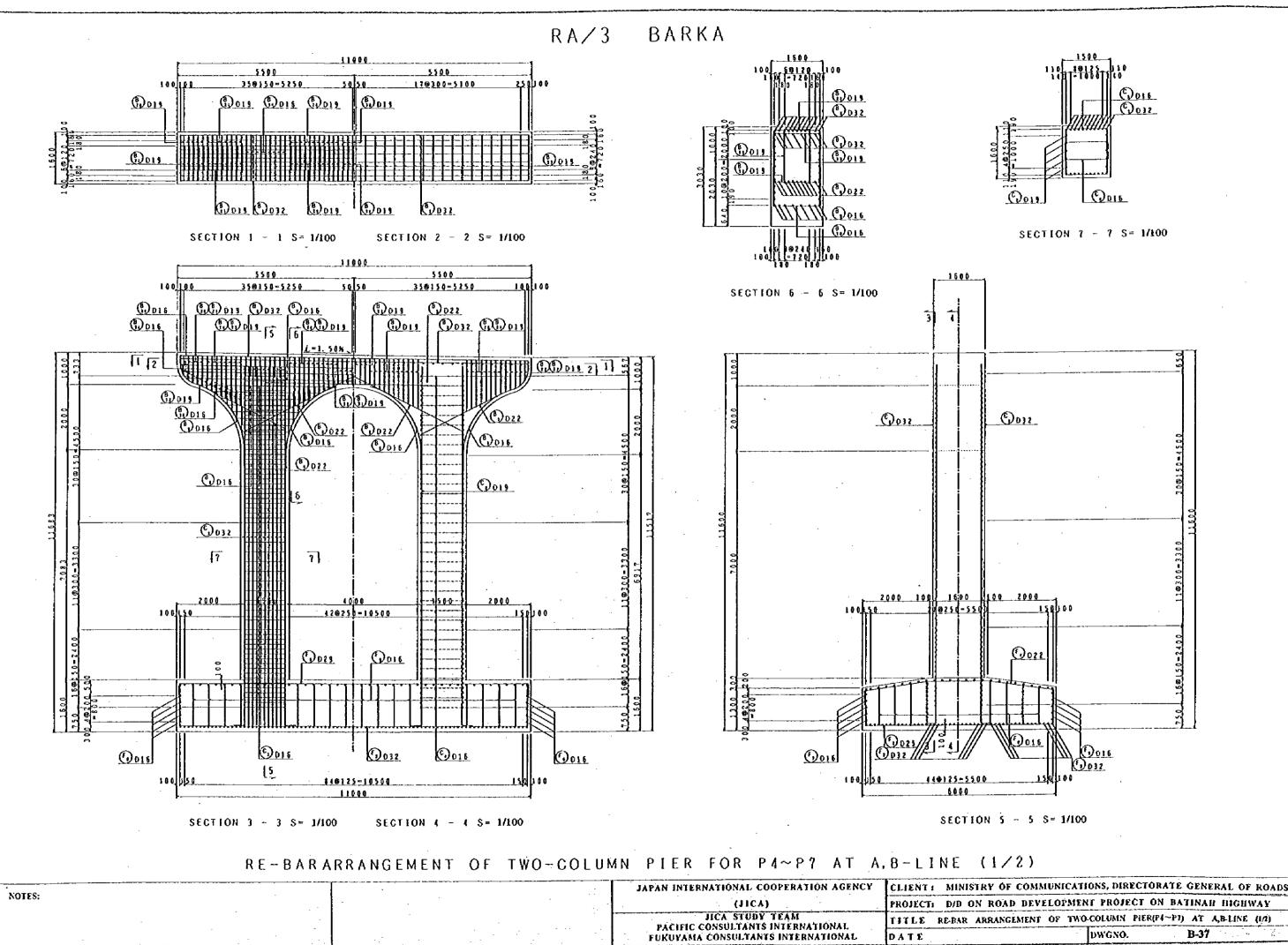
RA/3 BARKA

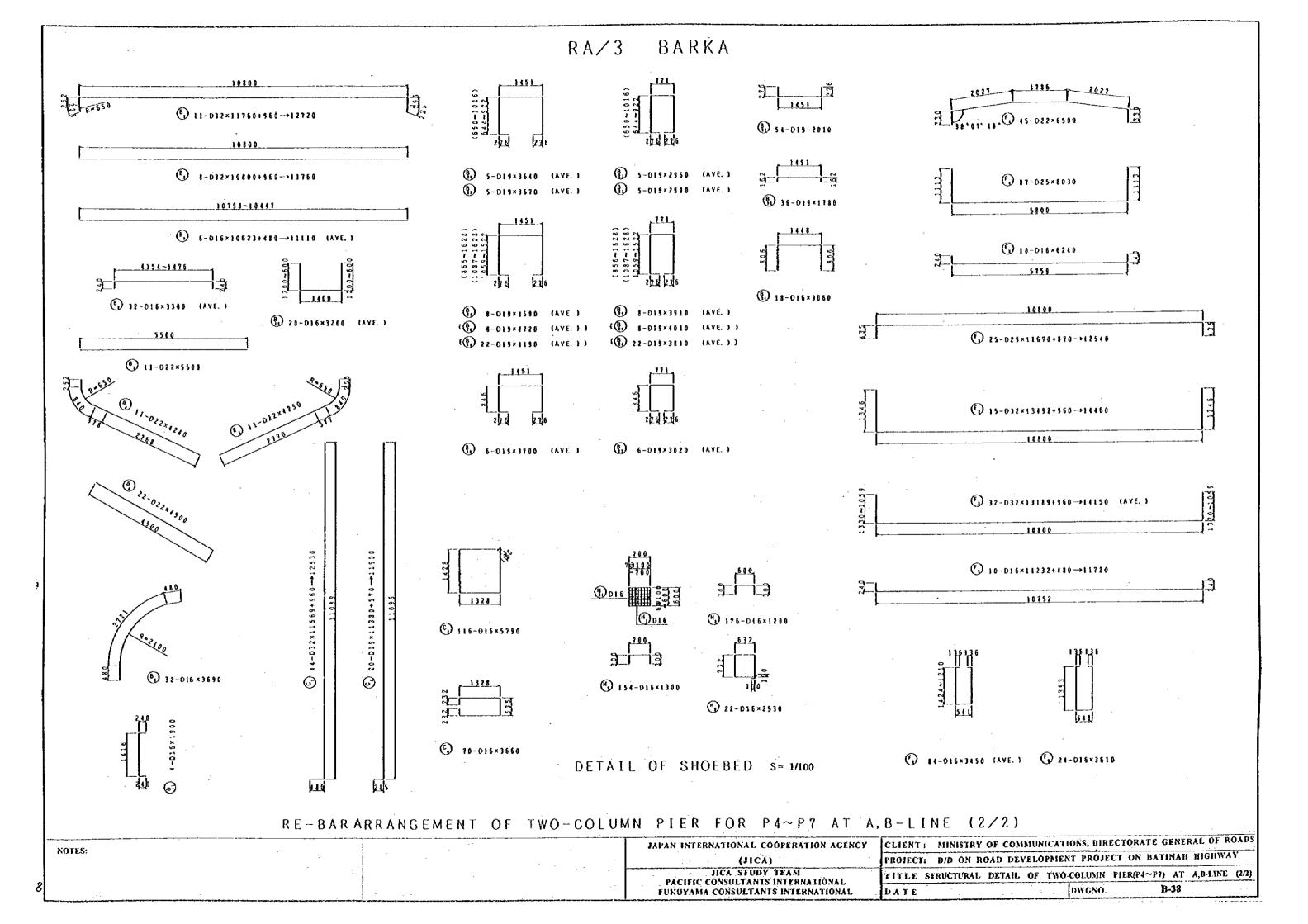


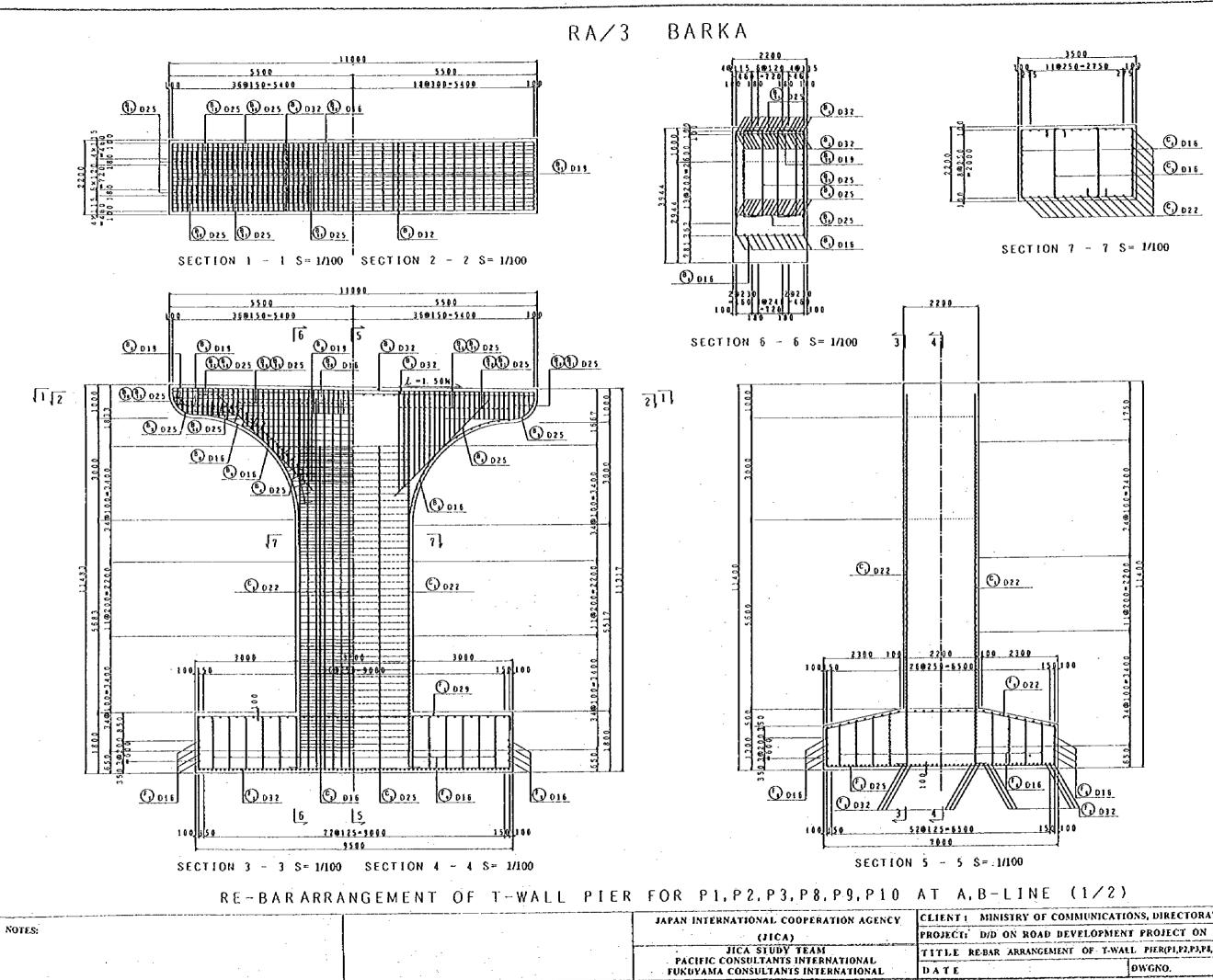




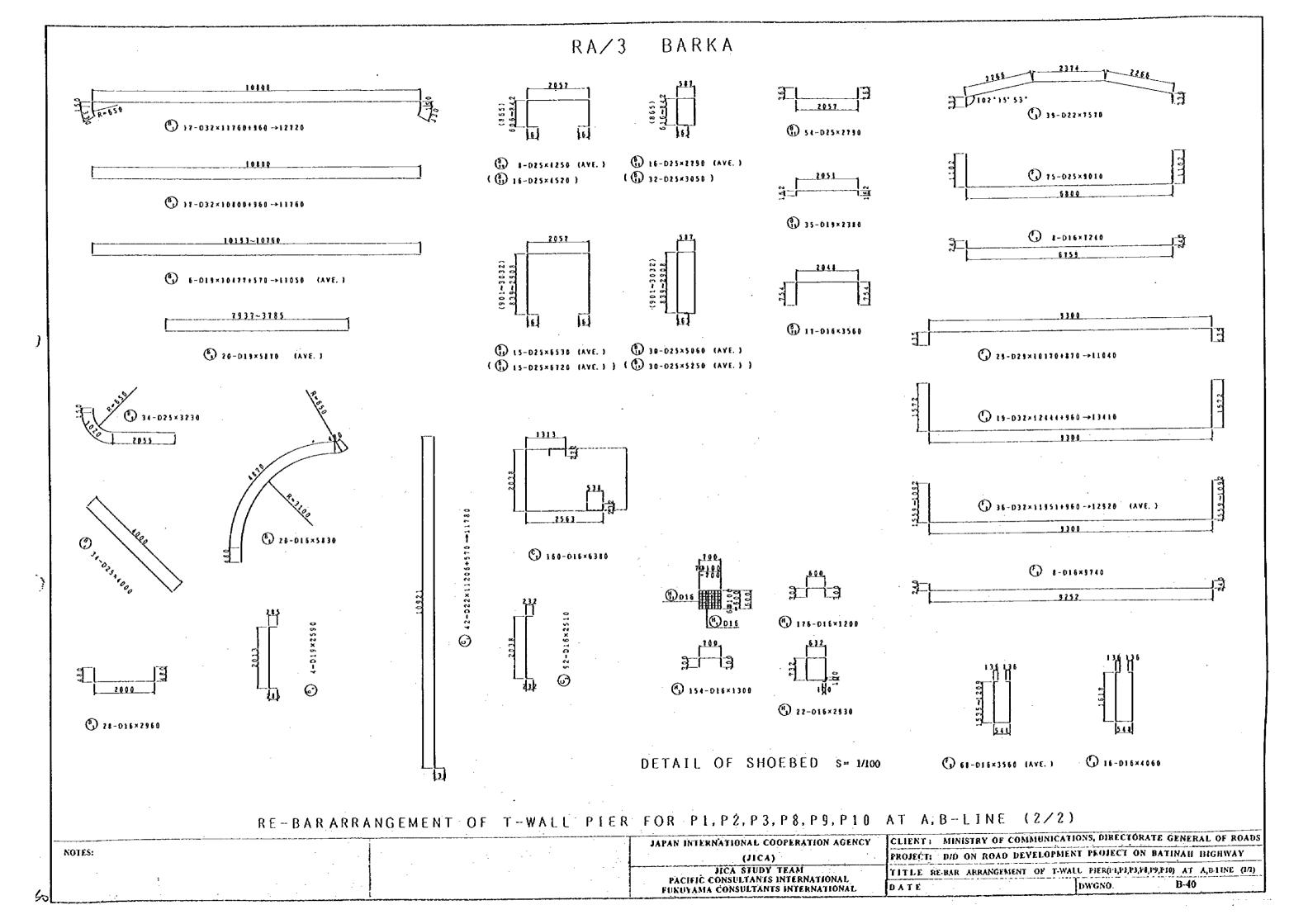


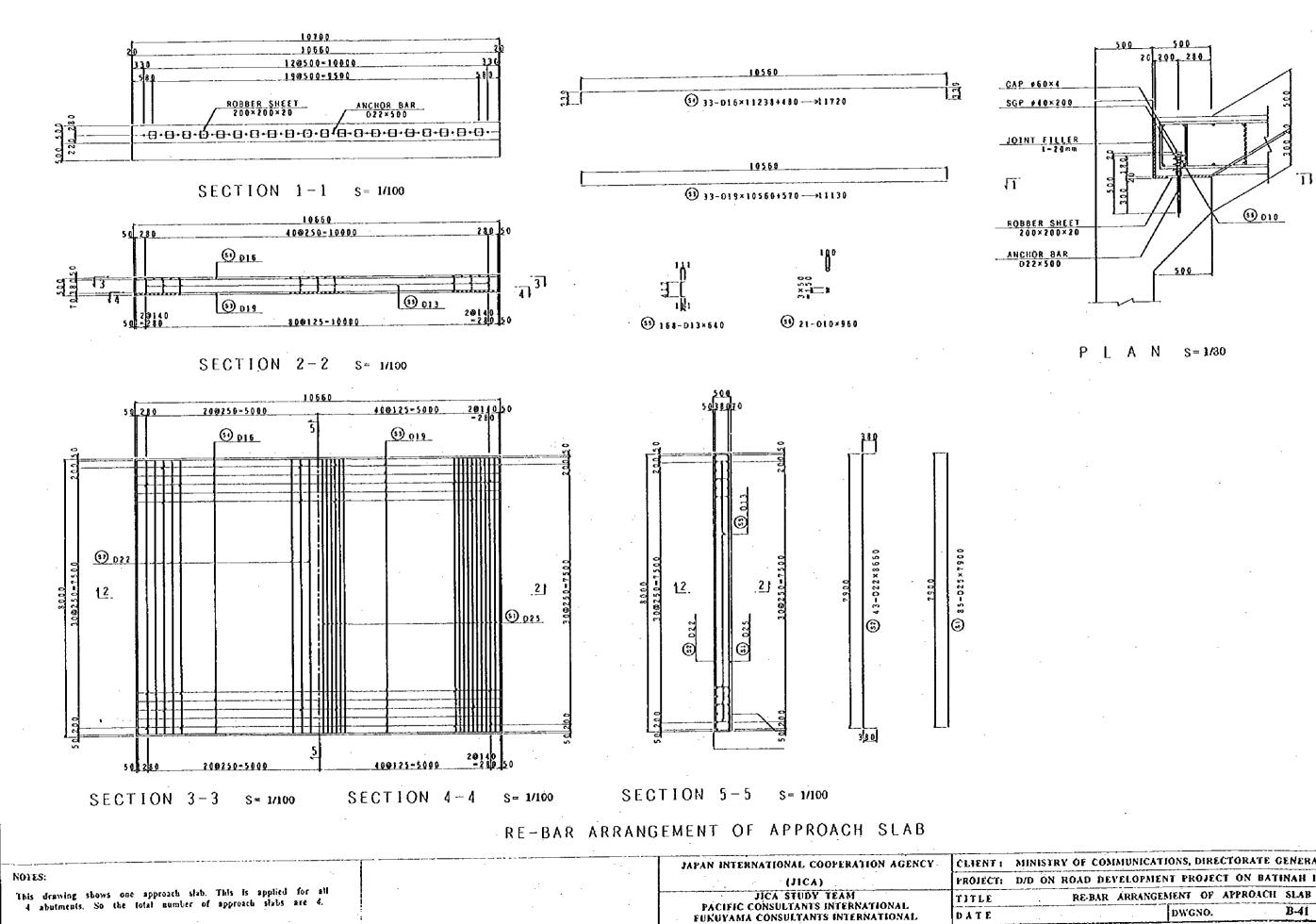






	DWGNO		B-39	•	
MENT OF T-	WALL PIER	P1, P2, P3, P8	, P9, P10) A1	A.B.LINE	(1/2)
DEVELOPN	IENT PROJ	ECT ON	BATINAH	RIGHWA	Y
COMMUNIC					





	• · · • · · · · · · · · · · · · · · · ·			·····	
OF COM	MUNICATI	ONS, DIRE	ECTORATE	GENERAL OF ROAL)\$
OAD DE	ELOPMEN	T PROJE	CT ON BAT	FINAH HIGHWAY	
RE-BAR	ARRANGE	IENT OF	APPRÖACH	SLAB	
		DWGNO.		B-41	
		Dn 6.10.			•

BAR BENDING DIAGRAM

LAP JOINT LENGTH

*	а	LAP JOINT LENGTH
D13	390	······································
DIG	480	_
D19	570	
D22	660	
D25	750	E CONTRACTOR
D58	870	
D32	960	

BENDING DIMENSION

(MAIN REINFORCEMENT)

Œ	0 ≦ 90°	0 > 90°	HOOK LENGTH
4	R +3¢	R=3.5¢	nook eekonn
D 13	39	71.5	0
D 16	48	88	N N T=2.36
D 19	57	104.5	
D 22	66	121	m a
D 25	75	137.5	•
D 29	87	159.5	
D 32	96	176	R=1+0/2

BENDING DIMENSION

		Ø=90	8=15		HOOK LENGTH	
¢	R=2.30	1		STIRRUP	ERECTION BAR	НООР
Ð 13	32.5	51	77	9 9 9 0	- P	
D 16	40	63	94	Ω N F=2.0¢	2 2 r-2.04	× 1
D 19	47.5	75	112			1.15
D 22	55	86	130	a R=1+6/2	N R=r+4/2	

R=1+#/2	·	·	
	•		
·			
-	· .		
(RRUP, ERECTION HAR)			
· .			

		F	JAPAN INTERNATIONAL COOPERATION AGENCY	CLIENT	MINISTRY OF COMMUNICATIONS, DIRECTORATE GENERAL OF ROADS	s
-	NOTES:		(1)(1)		DID ON ROAD DEVELOPMENT PROJECT ON BATINAH HIGHWAY	
2			JICA STUDY TEAM PACIFIC CONSULTANTS INTERNATIONAL FUKUYAMA CONSULTANTS INTERNATIONAL	TITLE	BAR BENDING DIAGRAM DWGNÓ. B-41	-
<i>۲</i> ,			FUKUFAMA CONSULTANTS INTERNATIONAL	DATE	риоко. В-4 2	-1

JAPAN (r'A CRISS-SECTIONAL ARCR CROSS-SECTIONAL ARER (ei) NOMENAL VETGRT (ଲ)ଁ (kg/a) 0.935 1.290 1.267 D13 **\$16** 1.55 2.000 1.986 2.839 2.25 D19 2.865 3.871 D72 3.04 3.871 5.097 D25 3.98 5.067 6.452 629 5.04 6.424 032 7.942 6.23 8.194

 LN	1
NORINAL VEIGHT	
(\ ₃ /=)	
0.994	
1.552	
2.235	
3.042	
3.973	
5.059	
6.403	