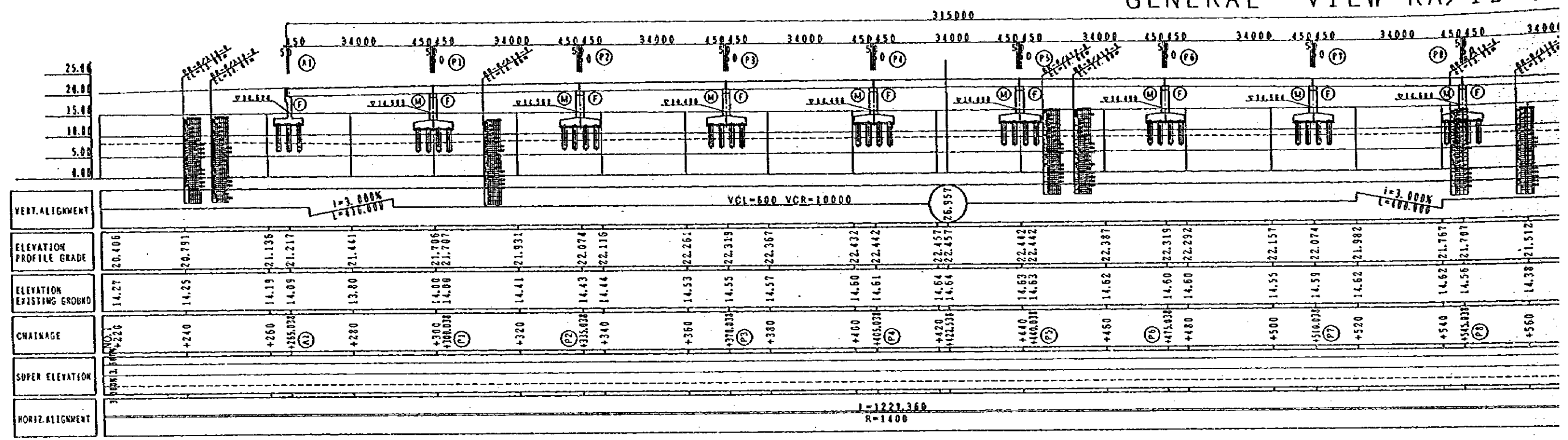
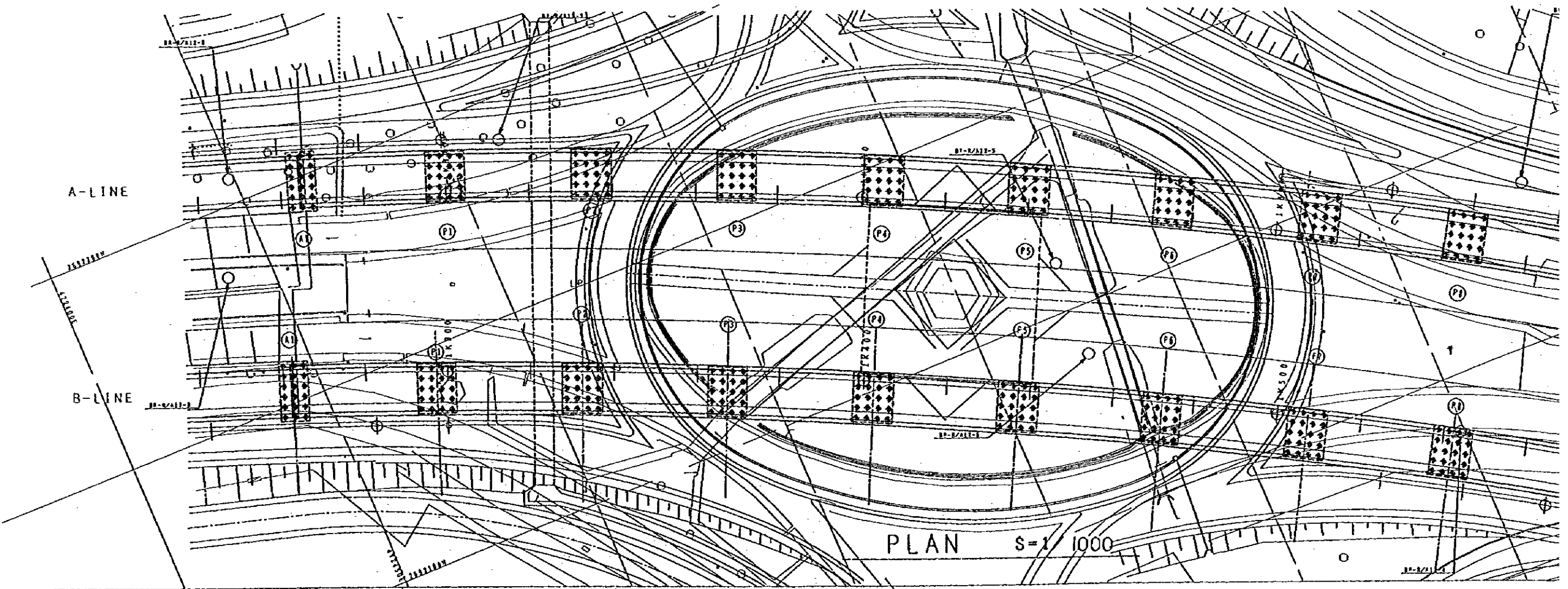


STRUCTURE
-BRIDGE

GENERAL VIEW RA/12 SC

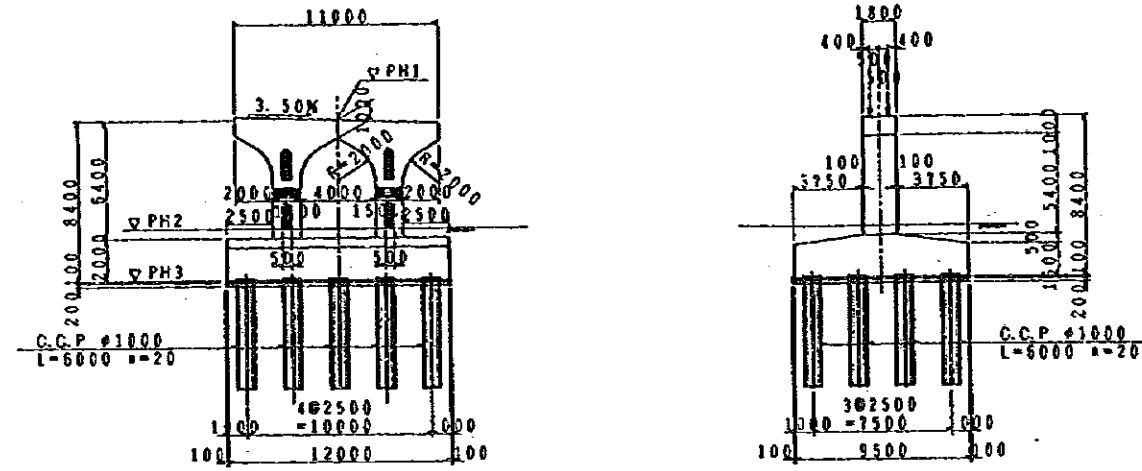
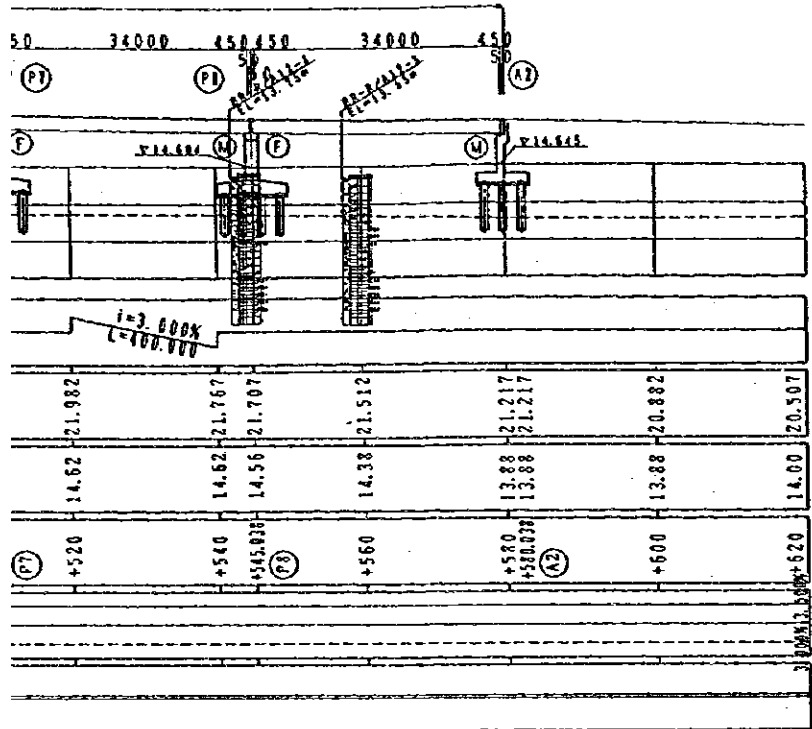


PROFILE (A-LINE) S=1/1000

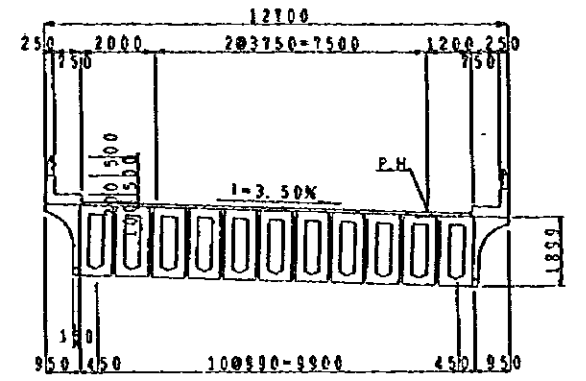


NOTES:

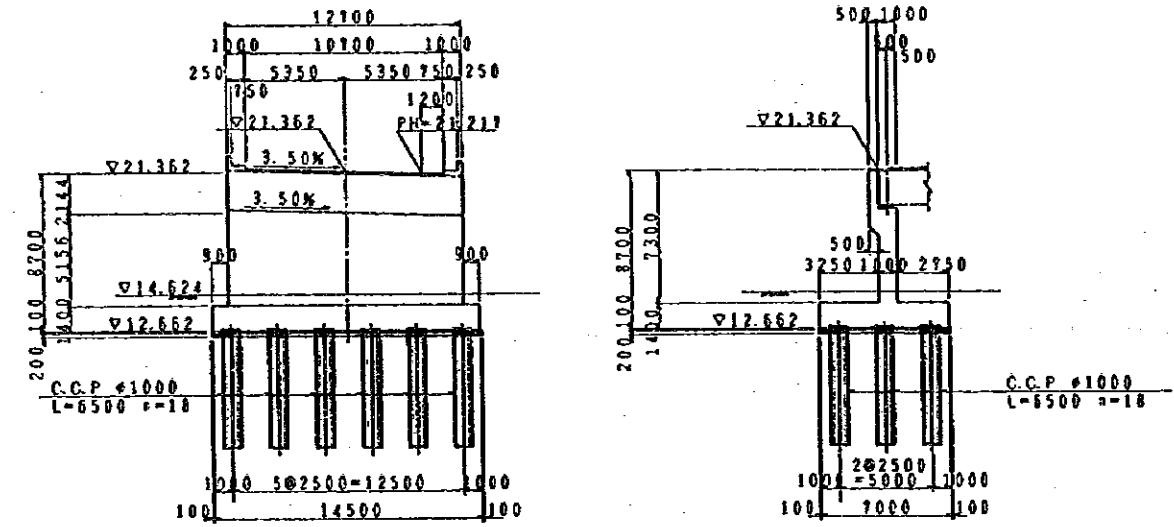
IEW RA/12 SOHAR (A-LINE)



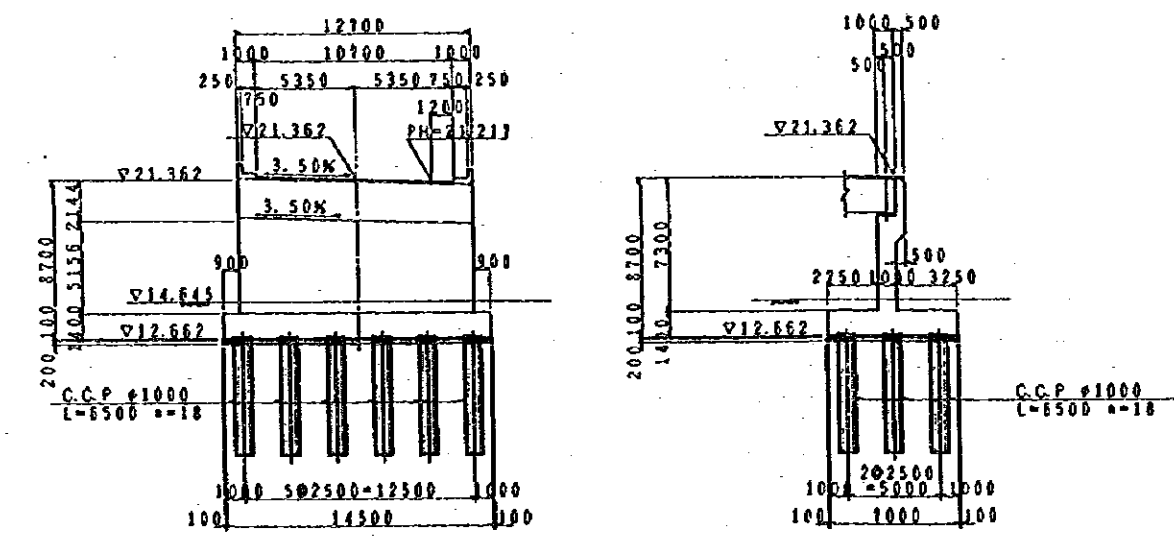
SECTION OF PIERS S=1/400



SECTION OF PC BOX GIRDER S=1/200



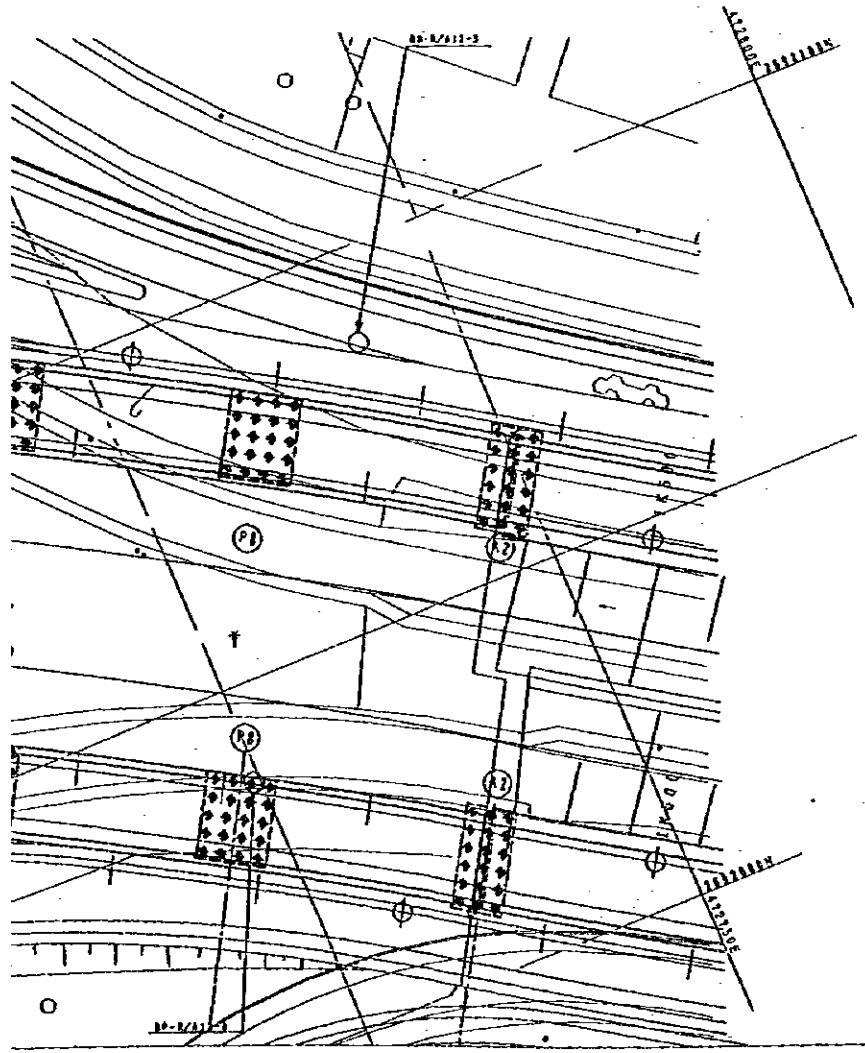
SECTION OF A1 ABUTMENT S=1/400



SECTION OF A2 ABUTMENT S=1/400

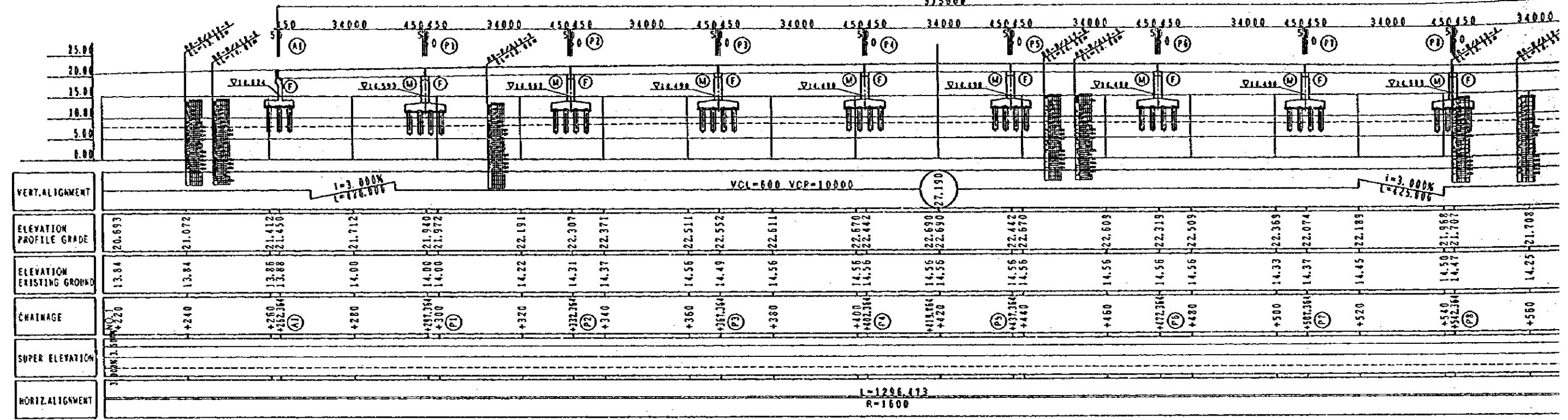
LIST OF PIER ELEVATION

	PH1	PH2	PH3
P1	19.690	14.593	11.290
P2	20.057	14.562	11.657
P3	20.302	14.490	11.902
P4	20.425	14.490	12.025
P5	20.425	14.490	12.025
P6	20.302	14.490	11.902
P7	20.057	14.564	11.657
P8	19.690	14.604	11.290

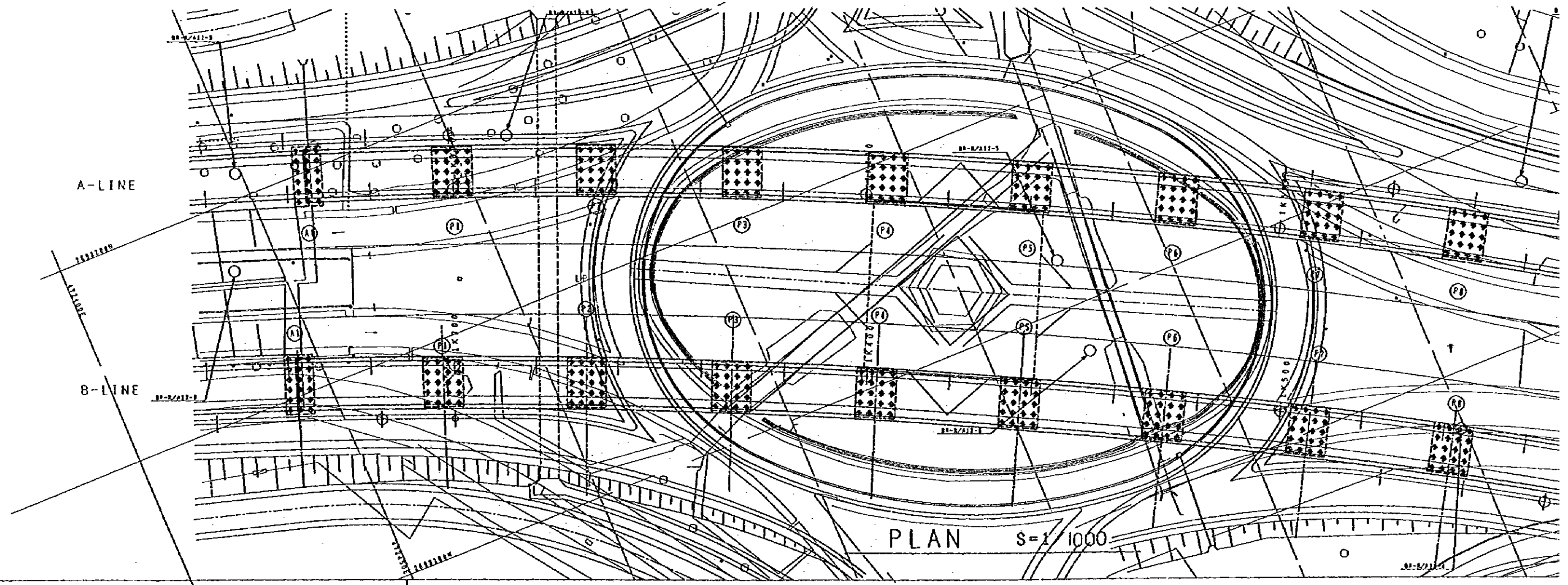


JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)		CLIENT: MINISTRY OF COMMUNICATIONS, DIRECTORATE GENERAL OF ROADS	
JICA STUDY TEAM PACIFIC CONSULTANTS INTERNATIONAL FUKUYAMA CONSULTANTS INTERNATIONAL		PROJECT: D/D ON ROAD DEVELOPMENT PROJECT ON BATINAH HIGHWAY	
		TITLE	GENERAL VIEW RA/12 SOHAR(A-LINE)
		DATE	DWGNO. B-1

GENERAL VIEW RA/12 SOF

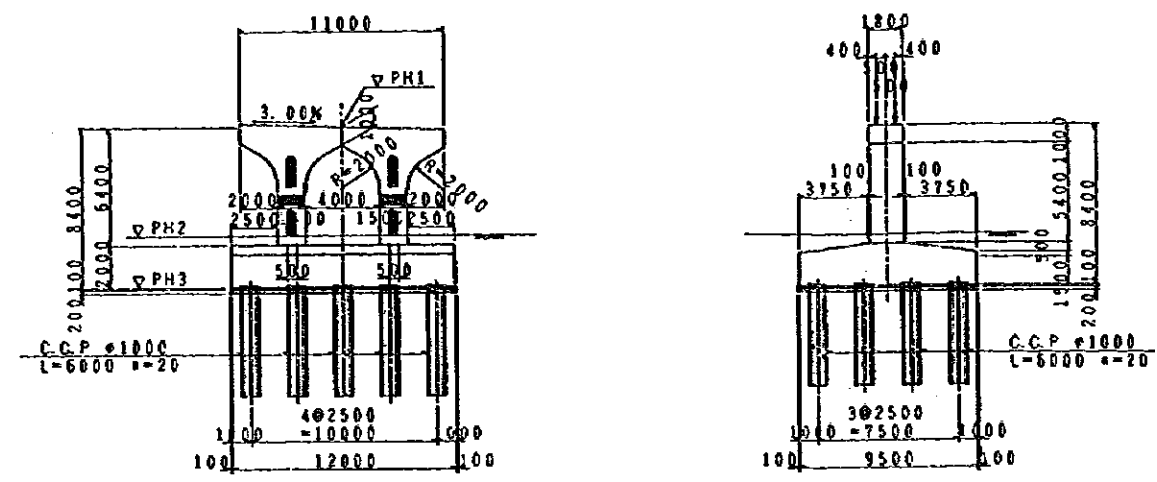
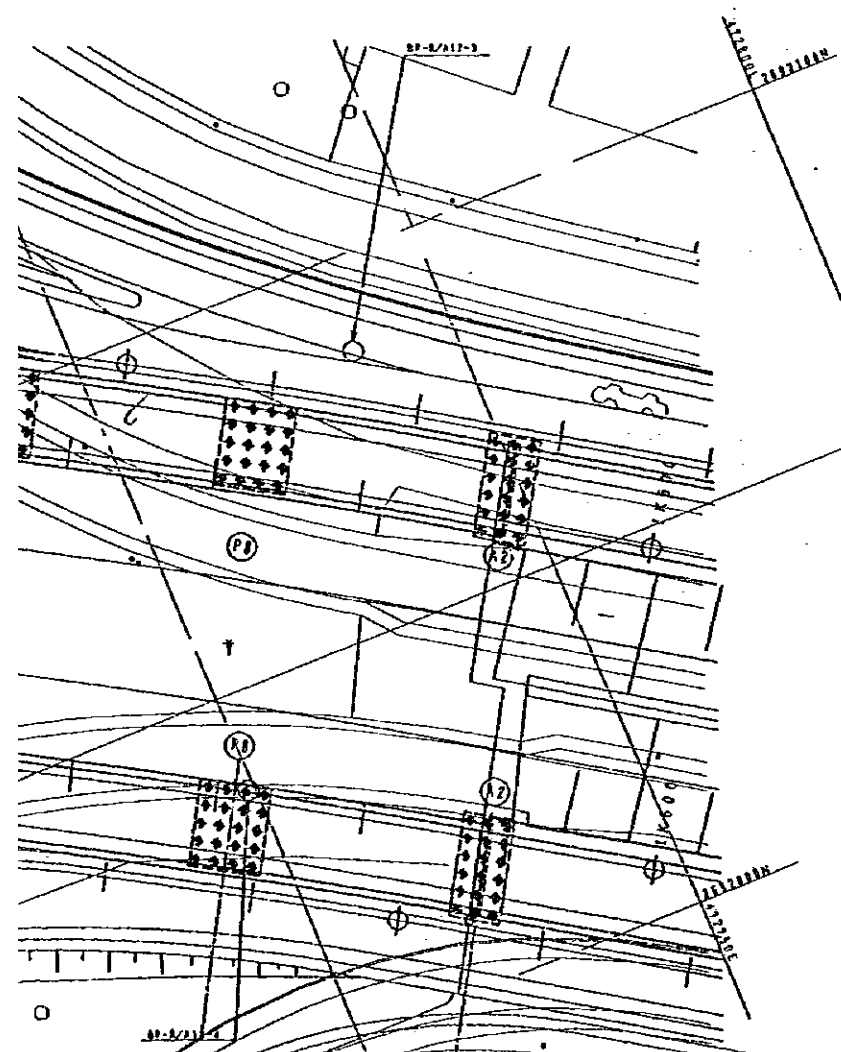
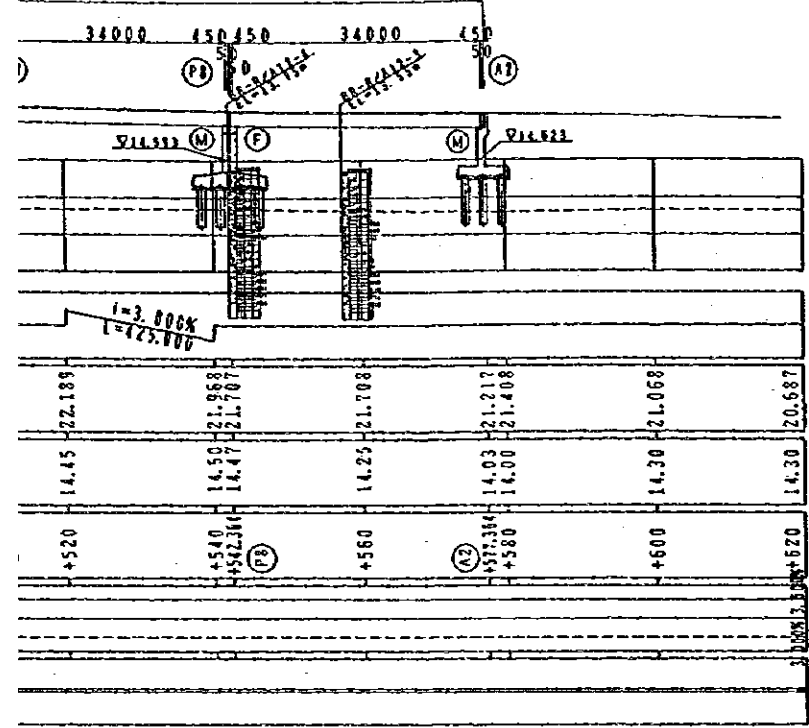


PROFILE (B-LINE) S=1/1000

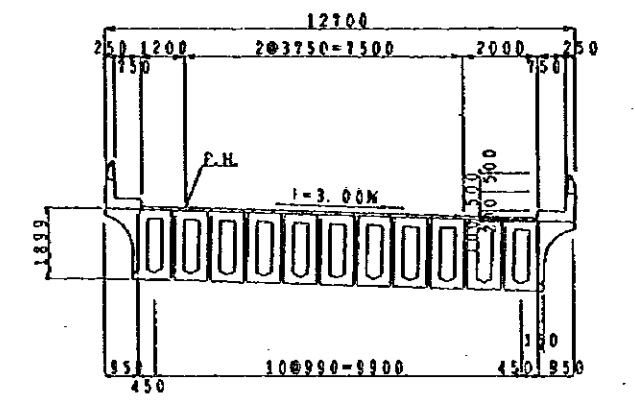


NOTES:

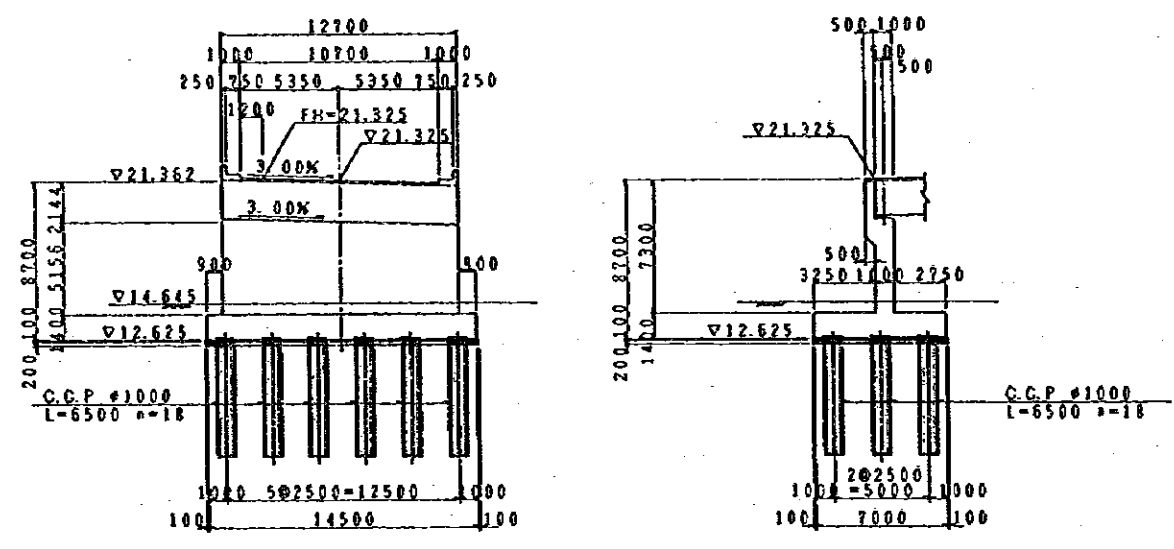
EW RA/12 SOHAR (B-LINE)



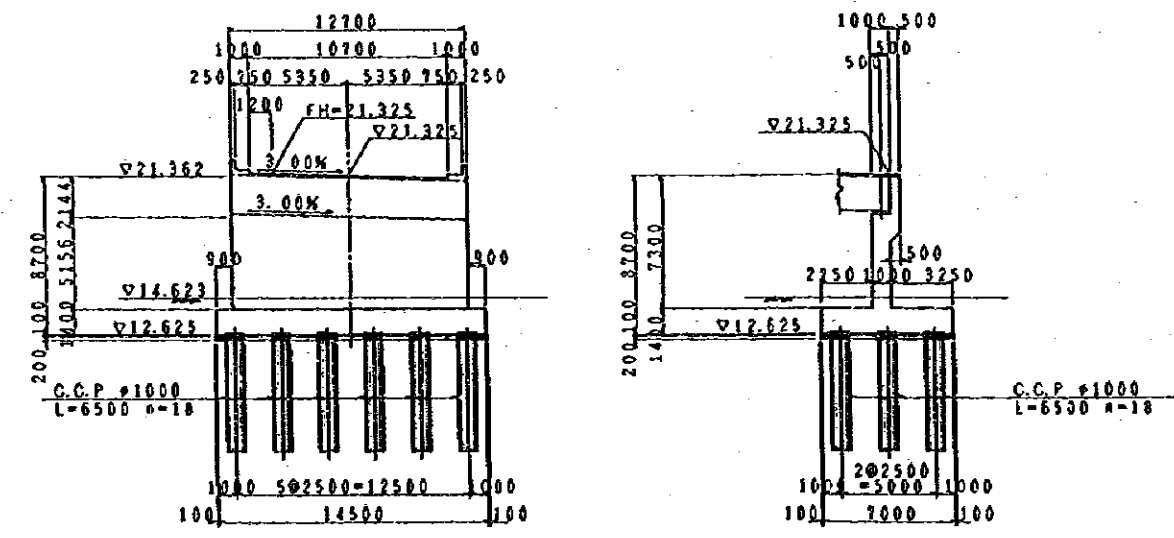
SECTION OF PIERS S=1/400



SECTION OF PC BOX GIRDER S=1/200



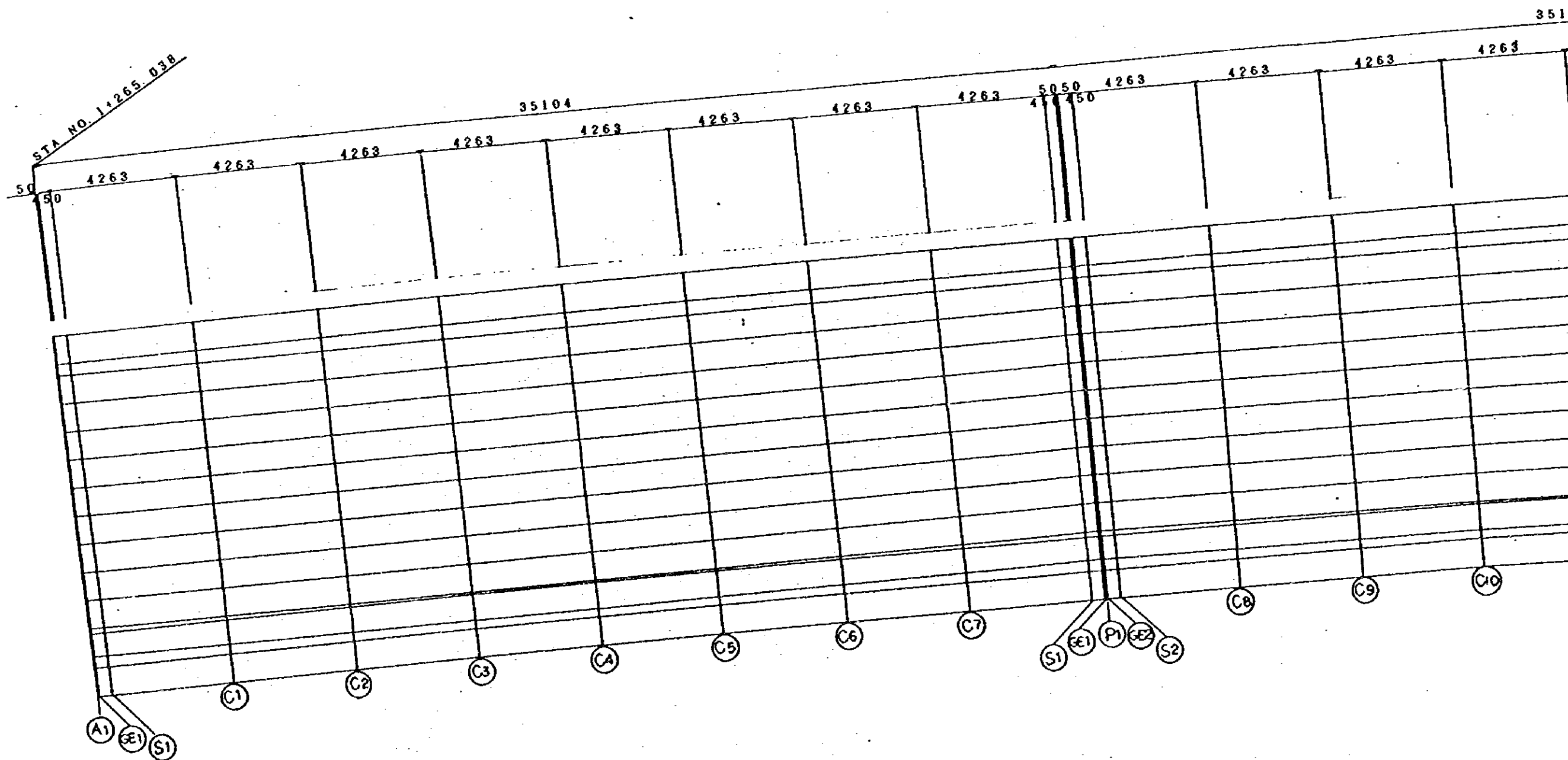
SECTION OF A1 ABUTMENT S=1/400



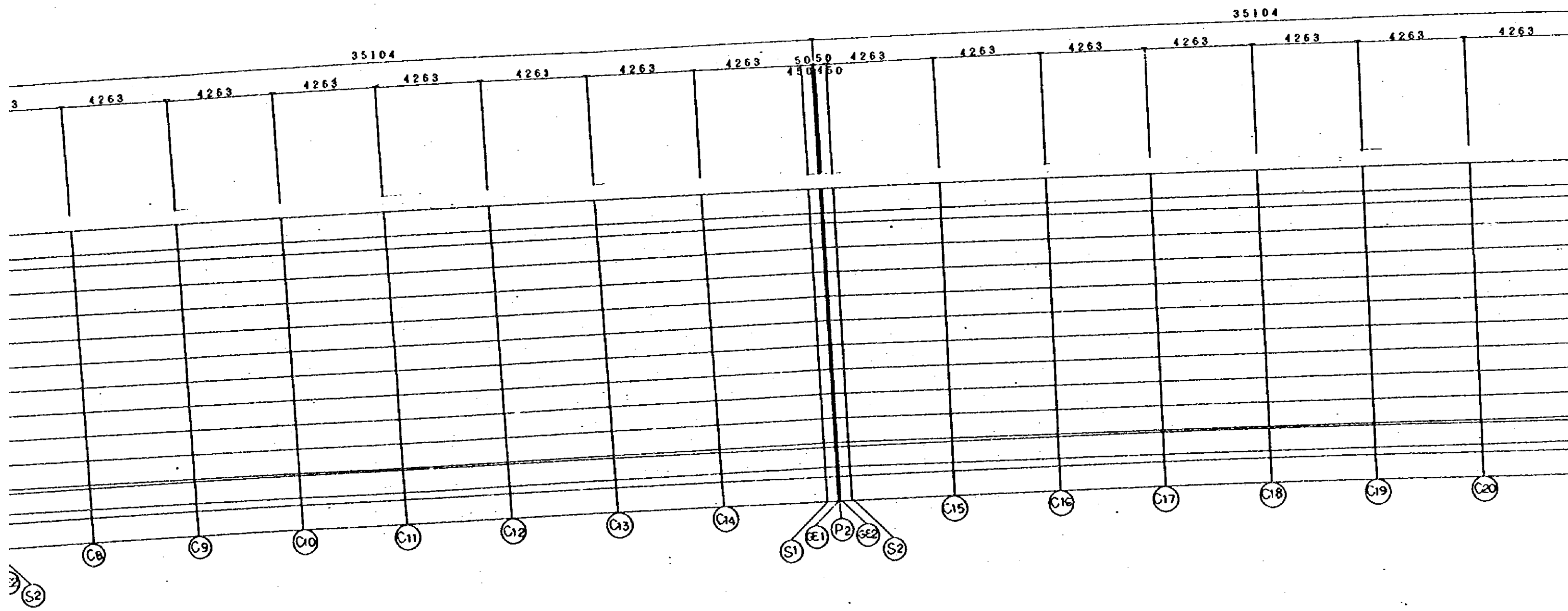
SECTION OF A2 ABUTMENT S=1/400

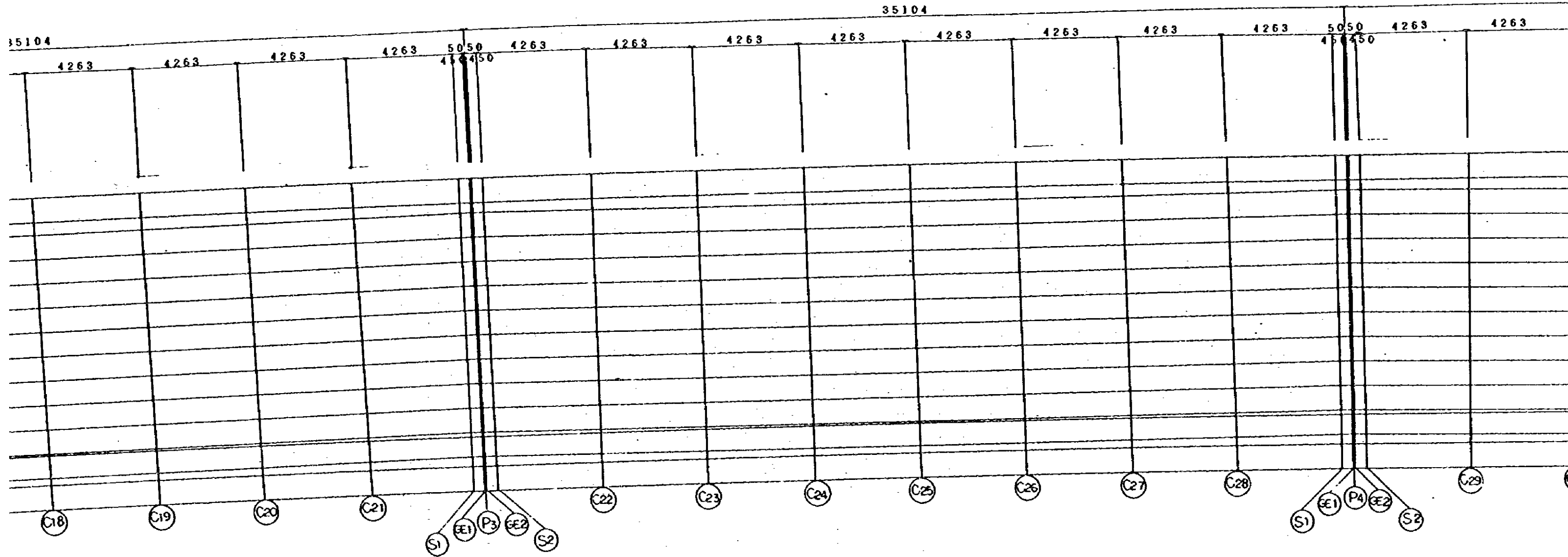
LIST OF PIER ELEVATION

	PH1	PH2	PH3
P1	19.653	14.605	11.253
P2	20.021	14.566	11.621
P3	20.266	14.490	11.866
P4	20.388	14.490	11.988
P5	20.388	14.490	11.988
P6	20.266	14.490	11.866
P7	20.021	14.564	11.621
P8	19.653	14.593	11.253



NOTES:



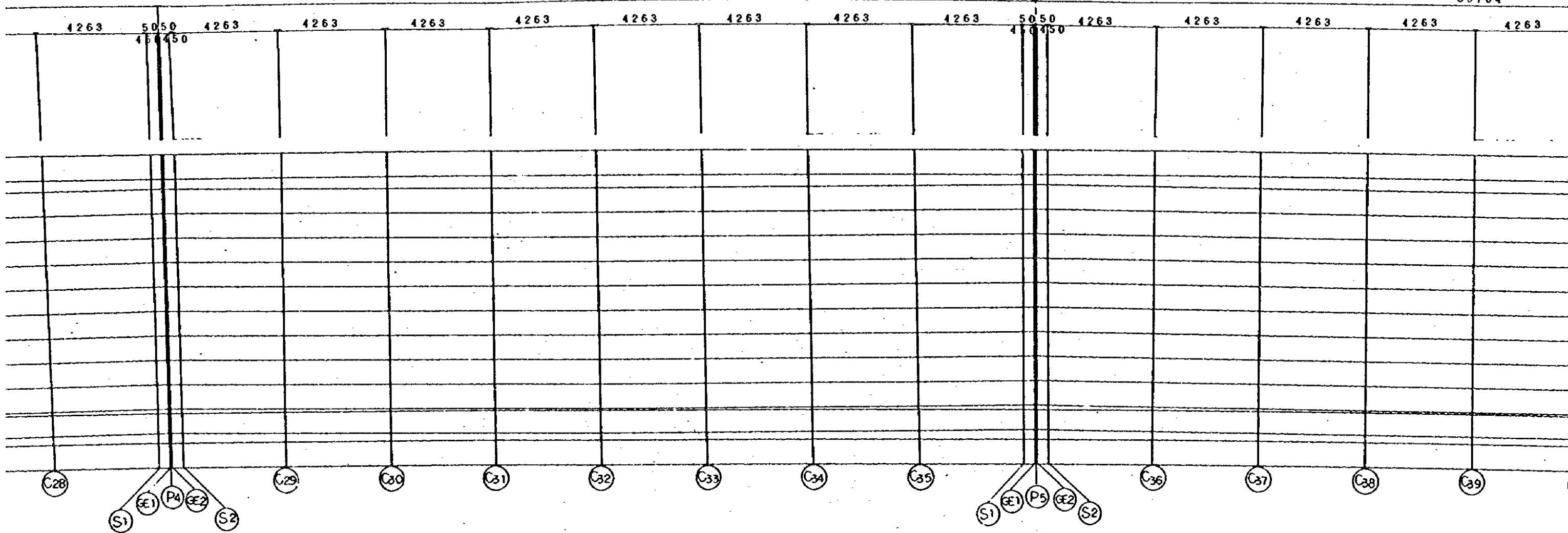


R/A-12 SOHAR

A-LINE

35104

35104



35104

4263

4263

4263

4263

4263

4263

50 50
45 45

4263

4263

4263

4263

4263

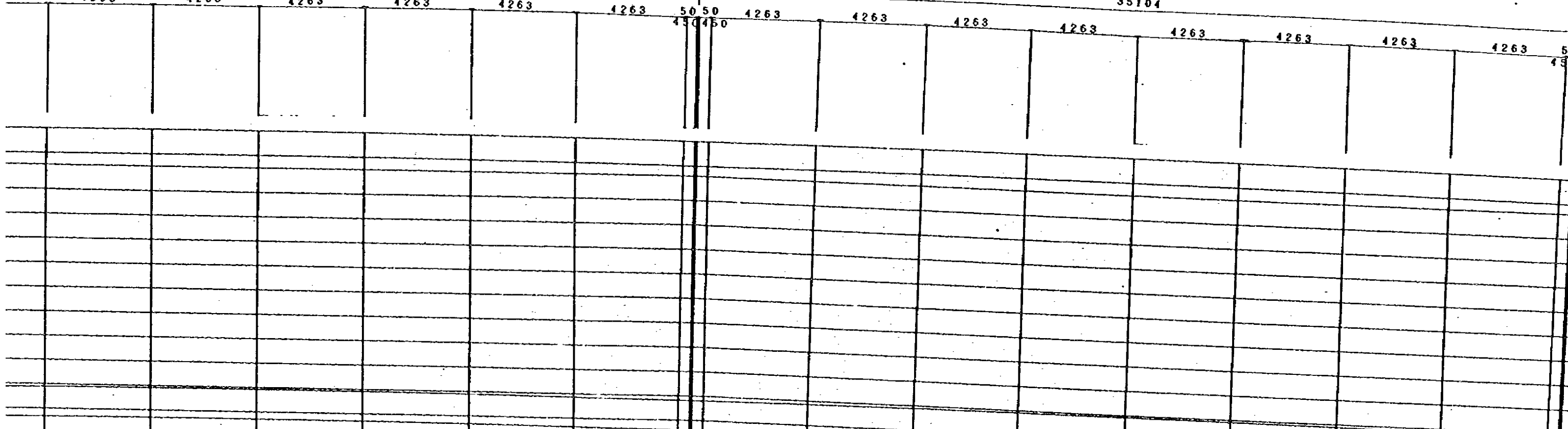
4263

4263

4263

5
4

35104



C37

C38

C39

C40

C41

C42

S1

E1

P5

E2

S2

C43

C44

C45

C46

C47

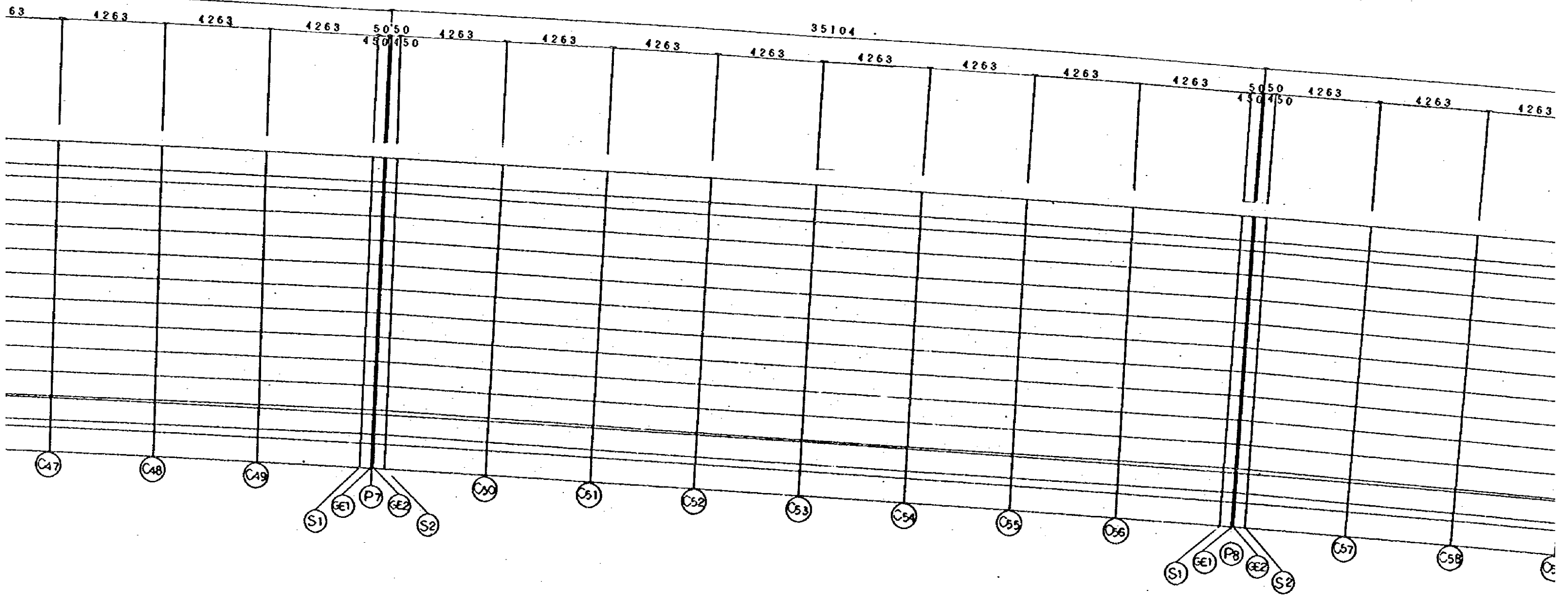
C48

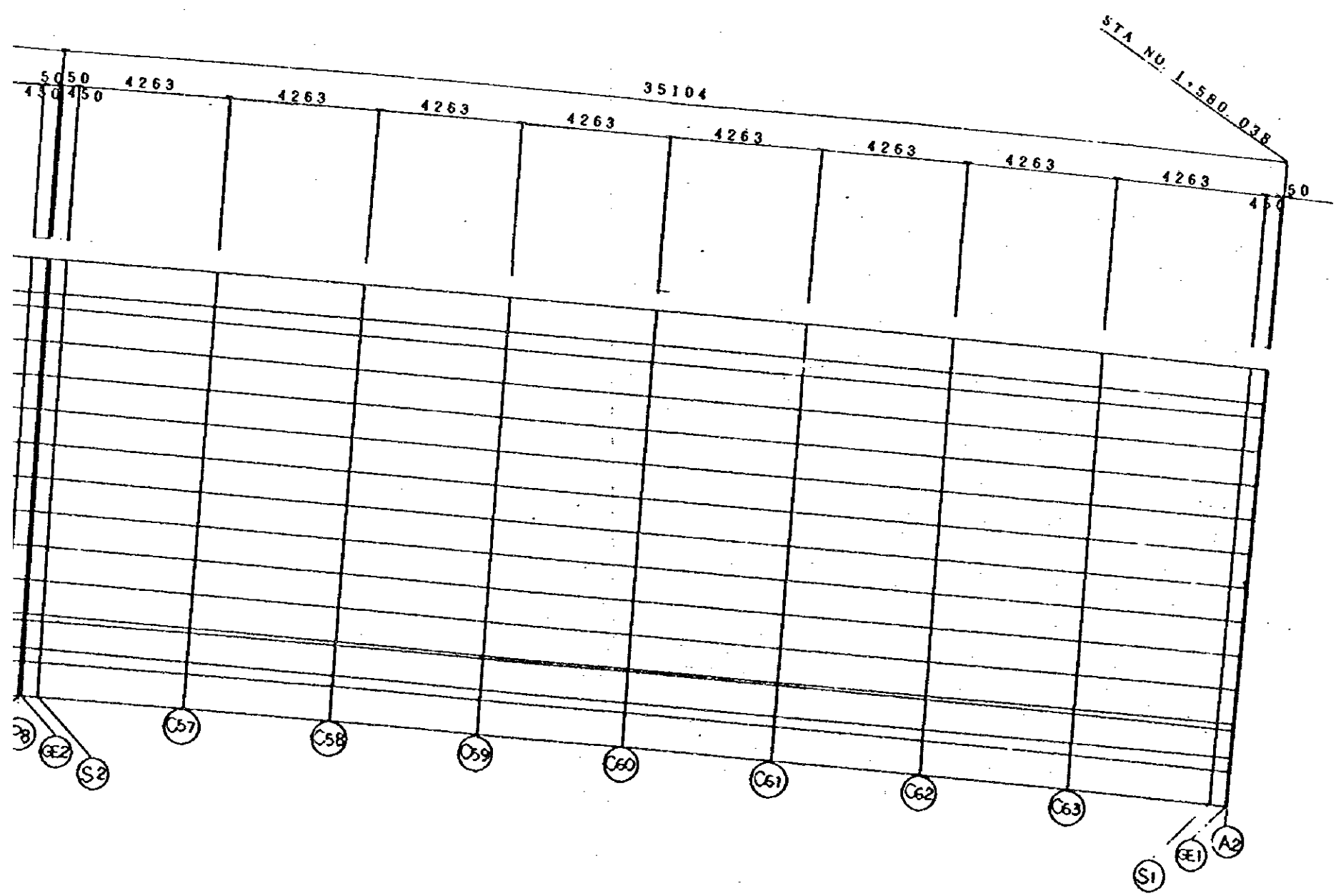
C49

S1

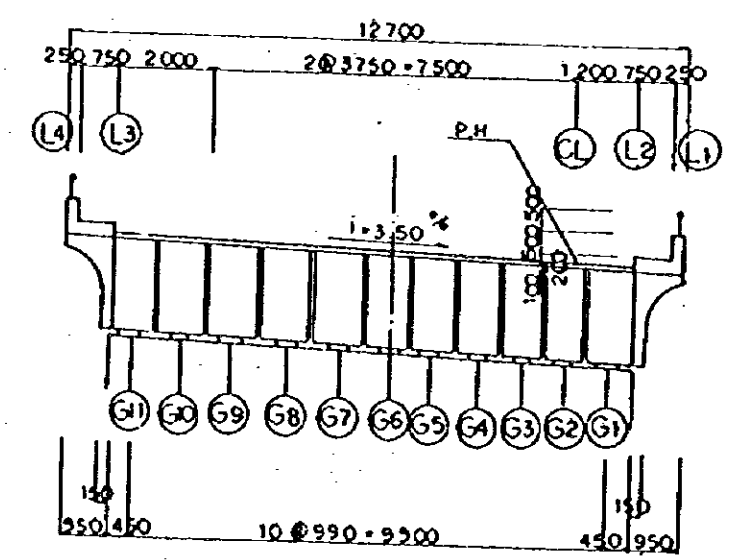
E1

P7





A-LINE



	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	CLIENT: MINISTRY OF COMMUNICATIONS, DIRECTORATE GENERAL OF ROADS	
	JICA STUDY TEAM PACIFIC CONSULTANTS INTERNATIONAL FUKUYAMA CONSULTANTS INTERNATIONAL	PROJECT: D/D ON ROAD DEVELOPMENT PROJECT ON BATINAH HIGHWAY	
		TITLE	FRAMING PLAN RA/12 AT A-LINE
		DATE	DWGNO. B-3

SOHAR(A)

SECTION		A1	A1-GE1	A1-S1	C4	PI-S1	PI-GE1	P1	PI-GE2	PI-S2	C11
STATION		1 + 265.0380	1 + 265.0880	1 + 265.5380	1 + 282.5380	1 + 299.5380	1 + 299.9880	1 + 300.0380	1 + 300.0880	1 + 300.5380	1 + 317.5380
L4	X	-0.7128	-0.6632	-0.216	16.8188	33.8745	34.3228	34.3726	34.4224	34.8707	51.9455
	Y	6.3099	6.3155	6.3659	8.1797	9.7864	9.8258	9.8302	9.8345	9.8738	11.2611
	Z	21.4842	21.485	21.492	21.7445	21.9681	21.9736	21.9742	21.9748	21.9803	22.1732
L3	X	-0.6006	-0.5509	-0.1037	16.9187	33.9619	34.4102	34.46	34.5098	34.9581	52.0205
	Y	5.3162	5.3218	5.3723	7.1847	8.7902	8.8296	8.834	8.8384	8.8776	10.2639
	Z	21.5492	21.55	21.557	21.8095	22.0331	22.0386	22.0392	22.0398	22.0453	22.2382
G6(PIER CENTER)	X	0	0.0498	0.4976	17.4637	34.43	34.8777	34.9275	34.9774	35.4261	52.4296
	Y	0	0.005	0.05	1.7523	3.4546	3.4995	3.5045	3.5082	3.5419	4.8196
	Z	21.3619	21.3627	21.3696	21.6184	21.8456	21.8513	21.8519	21.8525	21.8578	22.0472
CL	X	0.4659	0.5156	0.9628	17.8671	34.7921	35.2403	35.2902	35.34	35.7883	52.7323
	Y	-4.1237	-4.1181	-4.0677	-2.2679	-0.6734	-0.634	-0.6297	-0.6253	-0.586	0.7906
	Z	21.2167	21.2175	21.2245	21.477	21.7005	21.7061	21.7067	21.7073	21.7128	21.9057
L2	X	0.6006	0.6503	1.0975	17.9869	34.8969	35.3452	35.395	35.4448	35.8931	52.8222
	Y	-5.3161	-5.3105	-5.2601	-3.4619	-1.8688	-1.8294	-1.8251	-1.8207	-1.7815	-0.406
	Z	21.1747	21.1755	21.1826	21.435	21.6585	21.6641	21.6647	21.6653	21.6708	21.8637
L1	X	0.7129	0.7626	1.2097	18.0867	34.9843	35.4326	35.4824	35.5322	35.9805	52.8971
	Y	-6.3098	-6.3042	-6.2538	-4.4569	-2.865	-2.8256	-2.8212	-2.8169	-2.7776	-1.4032
	Z	21.0397	21.0405	21.0476	21.3	21.5235	21.5291	21.5297	21.5303	21.5358	21.7287

NOTES:

-GE1	P1	P1-GE2	P1-S2	C11	P2-S1	P2-GE1	P2	P2-GE2	P2-S2	C18	P3-S1	P3-GE1	P3	P3-GE2	P3-S2	C25	P4-S1	P4-GE1	P4	P4-
299.9880	1 + 300.0380	1 + 300.0880	1 + 300.5380	1 + 317.5380	1 + 334.5380	1 + 334.9880	1 + 335.0380	1 + 335.0880	1 + 335.5380	1 + 352.5380	1 + 369.6380	1 + 369.9880	1 + 370.0380	1 + 370.0880	1 + 370.5380	1 + 387.5380	1 + 404.5380	1 + 404.9880	1 + 405.0380	1 + 4
34.3228	34.3726	34.4224	34.8707	51.9455	69.036	69.4851	69.535	69.5849	70.0341	87.1383	104.2529	104.7026	104.7525	104.8025	105.2522	122.3751	139.5031	139.9531	140.0031	14
9.8258	9.8302	9.8345	9.8738	11.2611	12.441	12.4692	12.4723	12.4754	12.5035	13.4635	14.2158	14.2328	14.2347	14.2365	14.2533	14.7855	15.1098	15.1155	15.1161	1
21.9736	21.9742	21.9748	21.9803	22.1732	22.3373	22.3413	22.3417	22.3421	22.346	22.4795	22.5841	22.5864	22.5867	22.5869	22.5893	22.6632	22.7083	22.7091	22.7092	2
34.4102	34.46	34.5098	34.9581	52.0205	69.0985	69.5476	69.5975	69.6474	70.0965	87.1882	104.2904	104.7401	104.79	104.84	105.2897	122.4001	139.5156	139.9656	140.0156	14
8.8296	8.834	8.8384	8.8776	10.2639	11.443	11.4711	11.4743	11.4774	11.5054	12.4648	13.2165	13.2335	13.2354	13.2372	13.254	13.7859	14.1099	14.1156	14.1162	1
22.0386	22.0392	22.0398	22.0453	22.2382	22.4023	22.4063	22.4067	22.4071	22.411	22.5445	22.6491	22.6514	22.6517	22.6519	22.6543	22.7282	22.7733	22.7741	22.7742	2
34.8777	34.9275	34.9774	35.4261	52.4296	69.433	69.8818	69.9316	69.9816	70.4311	87.4611	104.4912	104.9407	104.9906	105.0406	105.4905	122.5365	139.5826	140.0325	140.0825	14
3.4995	3.5045	3.5082	3.5419	4.8196	6.0972	6.131	6.1347	6.1372	6.1597	7.0119	7.8641	7.8866	7.8891	7.8904	7.9016	8.3279	8.7541	8.7654	8.7666	
21.8513	21.8519	21.8525	21.8578	22.0472	22.2148	22.219	22.2194	22.2199	22.2236	22.3534	22.4616	22.4642	22.4644	22.4647	22.4668	22.5372	22.5858	22.5868	22.5869	
35.2403	35.2902	35.34	35.7883	52.7323	69.6918	70.141	70.1909	70.2408	70.6899	87.663	104.6466	105.0962	105.1462	105.1962	105.6459	122.6375	139.6344	140.0844	140.1344	14
-0.634	-0.6297	-0.6253	-0.586	0.7906	1.9615	1.9897	1.9928	1.9959	2.024	2.9767	3.7232	3.7402	3.742	3.7439	3.7607	4.2888	4.6106	4.6163	4.6169	
21.7061	21.7067	21.7073	21.7128	21.9057	22.0698	22.0737	22.0742	22.0746	22.0785	22.212	22.3165	22.3189	22.3192	22.3194	22.3218	22.3957	22.4408	22.4416	22.4417	2
35.3452	35.395	35.4448	35.8931	52.8222	69.7668	70.2159	70.2658	70.3157	70.7648	87.723	104.6915	105.1412	105.1912	105.2412	105.6908	122.6675	139.6494	140.0994	140.1494	14
-1.8294	-1.8251	-1.8207	-1.7815	-0.406	0.7638	0.792	0.7952	0.7983	0.8263	1.7782	2.5241	2.541	2.5429	2.5448	2.5615	3.0892	3.4107	3.4164	3.417	
21.6641	21.6647	21.6653	21.6708	21.8637	22.0278	22.0317	22.0322	22.0326	22.0366	22.17	22.2745	22.2769	22.2772	22.2774	22.2798	22.3537	22.3988	22.3996	22.3997	2
35.4326	35.4824	35.5322	35.9805	52.8971	69.8292	70.2784	70.3283	70.3782	70.8273	87.773	104.729	105.1787	105.2287	105.2786	105.7283	122.6925	139.6619	140.1119	140.1619	14
-2.8256	-2.8212	-2.8169	-2.7776	-1.4032	-0.2342	-0.206	-0.2029	-0.1998	-0.1717	0.7794	1.5248	1.5417	1.5436	1.5455	1.5623	2.0895	2.4108	2.4165	2.4171	
21.5291	21.5297	21.5303	21.5358	21.7287	21.8928	21.8967	21.8972	21.8976	21.9016	22.035	22.1395	22.1419	22.1422	22.1424	22.1448	22.2187	22.2638	22.2646	22.2647	

FRAMING PLAN AT RA/12 SOHAR (A-LINE)

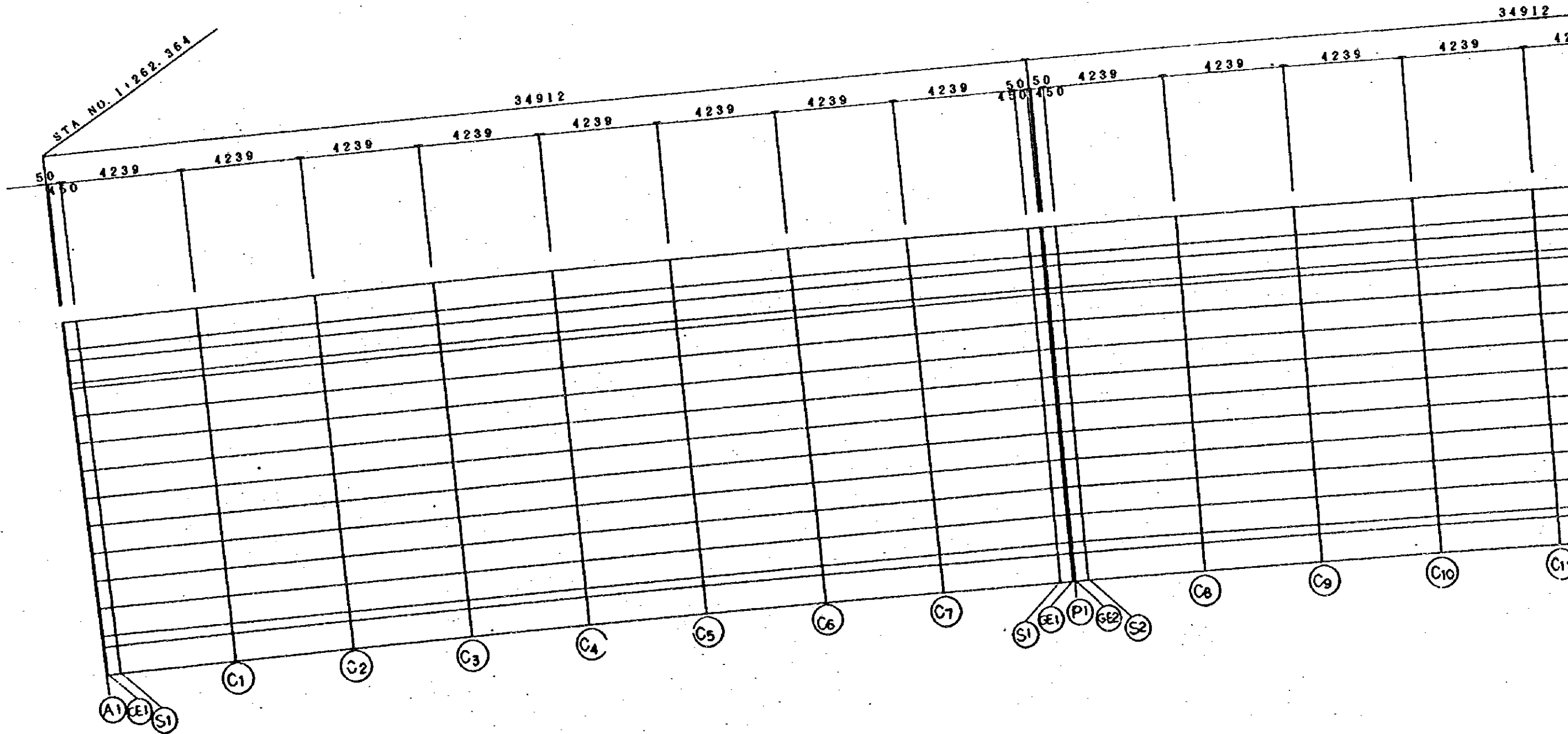
S2	G25	P4-S1	P4-GE1	P4	P4-GE2	P4-S2	C32	P5-S1	P5-GE1	P5	P5-GE2	P5-S2	C39	P6-S1	P6-GE1	P6	P6-GE2	P6-S2	C46	P7-
0.5380	1 + 387.5380	1 + 404.5380	1 + 404.9880	1 + 405.0380	1 + 405.0880	1 + 405.5380	1 + 422.5380	1 + 439.5380	1 + 439.9880	1 + 440.0380	1 + 440.0880	1 + 440.5380	1 + 457.5380	1 + 474.5380	1 + 474.9880	1 + 475.0380	1 + 475.0880	1 + 475.5380	1 + 492.5380	1 + 500.0380
2522	122.3751	139.5031	139.9531	140.0031	140.0531	140.5031	157.6339	174.7647	175.2147	175.2647	175.3147	175.7647	192.8927	210.0156	210.4653	210.5153	210.5652	211.0149	228.1295	241.0380
2533	14.7855	15.1098	15.1155	15.1161	15.1167	15.1223	15.2263	15.1223	15.1167	15.1161	15.1155	15.1098	14.7856	14.2533	14.2365	14.2347	14.2328	14.2158	13.4636	11.0380
5893	22.6632	22.7083	22.7091	22.7092	22.7093	22.71	22.7245	22.71	22.7093	22.7092	22.7091	22.7083	22.6633	22.5893	22.5869	22.5867	22.5864	22.5841	22.4795	22.0380
2897	122.4001	139.5156	139.9656	140.0156	140.0656	140.5156	157.6339	174.7522	175.2022	175.2522	175.3022	175.7522	192.8677	209.9781	210.4278	210.4778	210.5277	210.9774	228.0795	241.0380
3254	13.7859	14.1099	14.1156	14.1162	14.1168	14.1224	14.2263	14.1224	14.1168	14.1162	14.1156	14.1099	13.7859	13.254	13.2372	13.2354	13.2335	13.2165	12.4648	11.0380
16543	22.7282	22.7733	22.7741	22.7742	22.7743	22.775	22.7895	22.775	22.7743	22.7742	22.7741	22.7733	22.7283	22.6543	22.6519	22.6517	22.6514	22.6491	22.5445	22.0380
54905	122.5365	139.5826	140.0325	140.0825	140.1325	140.5825	157.6339	174.6853	175.1353	175.1853	175.2353	175.6852	192.7312	209.7773	210.2272	210.2772	210.3271	210.7766	227.8066	241.0380
79016	8.3279	8.7541	8.7654	8.7666	8.7666	8.7666	8.7666	8.7666	8.7666	8.7666	8.7666	8.7654	8.3279	7.9016	7.8904	7.8891	7.8866	7.8641	7.0119	7.0380
24668	22.5372	22.5858	22.5868	22.5869	22.587	22.5876	22.5984	22.5876	22.587	22.5869	22.5868	22.5858	22.5372	22.4668	22.4647	22.4644	22.4642	22.4616	22.3534	22.0380
56459	122.6375	139.6344	140.0844	140.1344	140.1844	140.6343	157.6339	174.6335	175.0834	175.1334	175.1834	175.6334	192.6302	209.6219	210.0716	210.1216	210.1716	210.6212	227.6047	241.0380
37607	4.2888	4.6106	4.6163	4.6169	4.6176	4.6231	4.7263	4.6231	4.6176	4.6169	4.6163	4.6106	4.2888	3.7607	3.7439	3.7421	3.7402	3.7232	2.9767	2.9380
23218	22.3957	22.4408	22.4416	22.4417	22.4418	22.4425	22.457	22.4426	22.4418	22.4417	22.4416	22.4408	22.3958	22.3218	22.3194	22.3192	22.3189	22.3166	22.212	22.0380
56908	122.6675	139.6494	140.0994	140.1494	140.1994	140.6493	157.6339	174.6185	175.0684	175.1184	175.1684	175.6184	192.6002	209.577	210.0266	210.0766	210.1266	210.5763	227.5447	241.0380
25615	3.0892	3.4107	3.4164	3.417	3.4177	3.4232	3.5263	3.4232	3.4177	3.417	3.4164	3.4107	3.0892	2.5616	2.5448	2.5429	2.541	2.5241	1.7782	1.7380
22798	22.3537	22.3988	22.3996	22.3997	22.3998	22.4006	22.415	22.4006	22.3998	22.3997	22.3996	22.3988	22.3538	22.2798	22.2774	22.2772	22.2769	22.2745	22.17	22.0380
57283	122.6925	139.6619	140.1119	140.1619	140.2119	140.6618	157.6339	174.606	175.0559	175.1059	175.1559	175.6059	192.5752	209.5395	209.9892	210.0391	210.0891	210.5388	227.4948	241.0380
15623	2.0895	2.4108	2.4165	2.4171	2.4177	2.4233	2.5263	2.4233	2.4177	2.4171	2.4165	2.4108	2.0895	1.5623	1.5455	1.5436	1.5417	1.5248	0.7794	0.7380
21448	22.2187	22.2638	22.2646	22.2647	22.2648	22.2656	22.28	22.2656	22.2648	22.2647	22.2646	22.2638	22.2188	22.1448	22.1424	22.1422	22.1419	22.1395	22.035	22.0380

E2	P6-S2	C46	P7-S1	P7-GE1	P7	P7-GE2	P7-S2	C53	P8-S1	P8-GE1	P8	P8-GE2	P8-S2	C60	A2-S1	A2-GE1	A2
10880	1 + 475.5380	1 + 492.5380	1 + 509.5380	1 + 509.9880	1 + 510.0380	1 + 510.0880	1 + 510.5380	1 + 527.5380	1 + 544.5380	1 + 544.9880	1 + 545.0380	1 + 545.0880	1 + 545.5380	1 + 562.5380	1 + 579.5380	1 + 579.9880	1 + 580.0380
5652	211.0149	228.1295	245.2337	245.6829	245.7328	245.7827	246.2318	263.3222	280.3971	280.8454	280.8952	280.945	281.3933	298.4489	315.4838	315.931	315.9806
2328	14.2158	13.4636	12.5035	12.4754	12.4723	12.4692	12.441	11.2611	9.8738	9.8346	9.8302	9.8258	9.7864	8.1797	6.3659	6.3155	6.3099
5864	22.5841	22.4795	22.346	22.3421	22.3417	22.3413	22.3373	22.1733	21.9803	21.9748	21.9742	21.9736	21.9681	21.7445	21.492	21.485	21.4842
5277	210.9774	228.0795	245.1713	245.6204	245.6703	245.7202	246.1693	263.2473	280.3097	280.758	280.8078	280.8576	281.3059	298.3491	315.3715	315.8187	315.8684
2335	13.2165	12.4648	11.5054	11.4774	11.4743	11.4712	11.443	10.264	8.8776	8.8384	8.834	8.8296	8.7902	7.1847	5.3723	5.3218	5.3162
6514	22.6491	22.5445	22.411	22.4071	22.4067	22.4063	22.4023	22.2383	22.0453	22.0398	22.0392	22.0386	22.0331	21.8095	21.557	21.55	21.5492
3271	210.7766	227.8066	244.8367	245.2862	245.3362	245.386	245.8348	262.8382	279.8417	280.2904	280.3403	280.3901	280.8378	297.804	314.7702	315.218	315.2678
8866	7.8641	7.0119	6.1597	6.1372	6.1347	6.131	6.0973	4.8196	3.5419	3.5082	3.5045	3.4995	3.4546	1.7523	0.05	0.005	0
4642	22.4616	22.3534	22.2236	22.2199	22.2194	22.219	22.2148	22.0472	21.8578	21.8525	21.8519	21.8513	21.8456	21.6184	21.3696	21.3627	21.3619
11716	210.6212	227.6047	244.5779	245.027	245.0769	245.1268	245.576	262.5355	279.4795	279.9278	279.9776	280.0275	280.4757	297.4007	314.305	314.7522	314.8019
7402	3.7232	2.9767	2.024	1.996	1.9928	1.9897	1.9615	0.7907	-0.586	-0.6253	-0.6290	-0.634	-0.6734	-2.2679	-4.0677	-4.1181	-4.1237
3189	22.3166	22.212	22.0786	22.0746	22.0742	22.0737	22.0698	21.9058	21.7128	21.7073	21.7067	21.7061	21.7006	21.477	21.2246	21.2175	21.2167
11266	210.5763	227.5447	244.503	244.9521	245.002	245.0519	245.501	262.4456	279.3747	279.823	279.8728	279.9226	280.3709	297.2809	314.1703	314.6175	314.6672
2541	2.5241	1.7782	0.8263	0.7983	0.7952	0.792	0.7639	-0.406	-1.7814	-1.8207	-1.8251	-1.8294	-1.8688	-3.4619	-5.2601	-5.3105	-5.3161
22769	22.2745	22.17	22.0366	22.0326	22.0322	22.0317	22.0278	21.8638	21.6708	21.6653	21.6647	21.6641	21.6585	21.435	21.1826	21.1755	21.1747
10891	210.5388	227.4948	244.4405	244.8896	244.9395	244.9894	245.4386	262.3706	279.2873	279.7356	279.7854	279.8352	280.2835	297.181	314.0581	314.5052	314.5549
15417	1.5248	0.7794	-0.1717	-0.1998	-0.2029	-0.206	-0.2342	-1.4032	-2.7776	-2.8169	-2.8212	-2.8256	-2.865	-4.4569	-6.2538	-6.3042	-6.3098
21419	22.1395	22.035	21.9016	21.8976	21.8972	21.8967	21.8928	21.7288	21.5358	21.5303	21.5297	21.5291	21.5235	21.3	21.0476	21.0405	21.0397

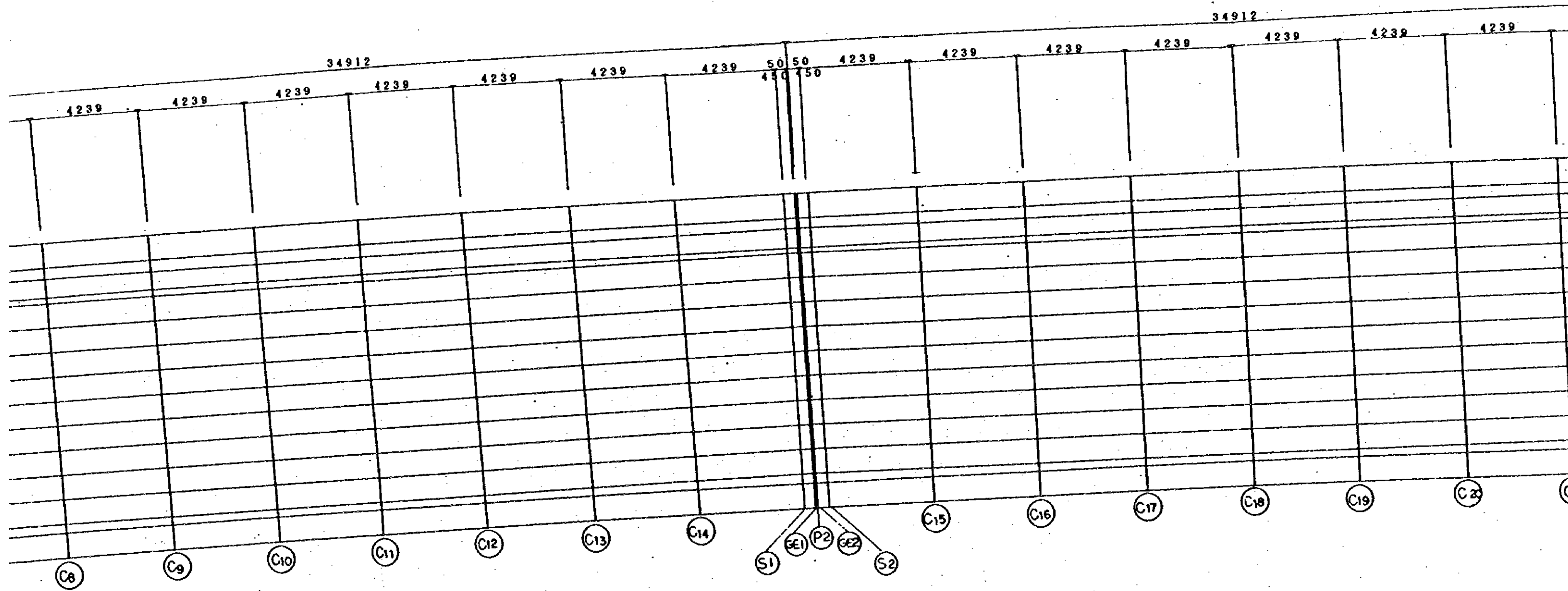
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 3098
 0397

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	CLIENT: MINISTRY OF COMMUNICATIONS, DIRECTORATE GENERAL OF ROADS	
	PROJECT: D/B ON ROAD DEVELOPMENT PROJECT ON BATHAN HIGHWAY	
JICA STUDY TEAM PACIFIC CONSULTANTS INTERNATIONAL FUKUYAMA CONSULTANTS INTERNATIONAL	TITLE CO-ORDINATE LIST RA/12 AT A-LINE	
	DATE	DWGNO. B-4

STA NO. 11262.364

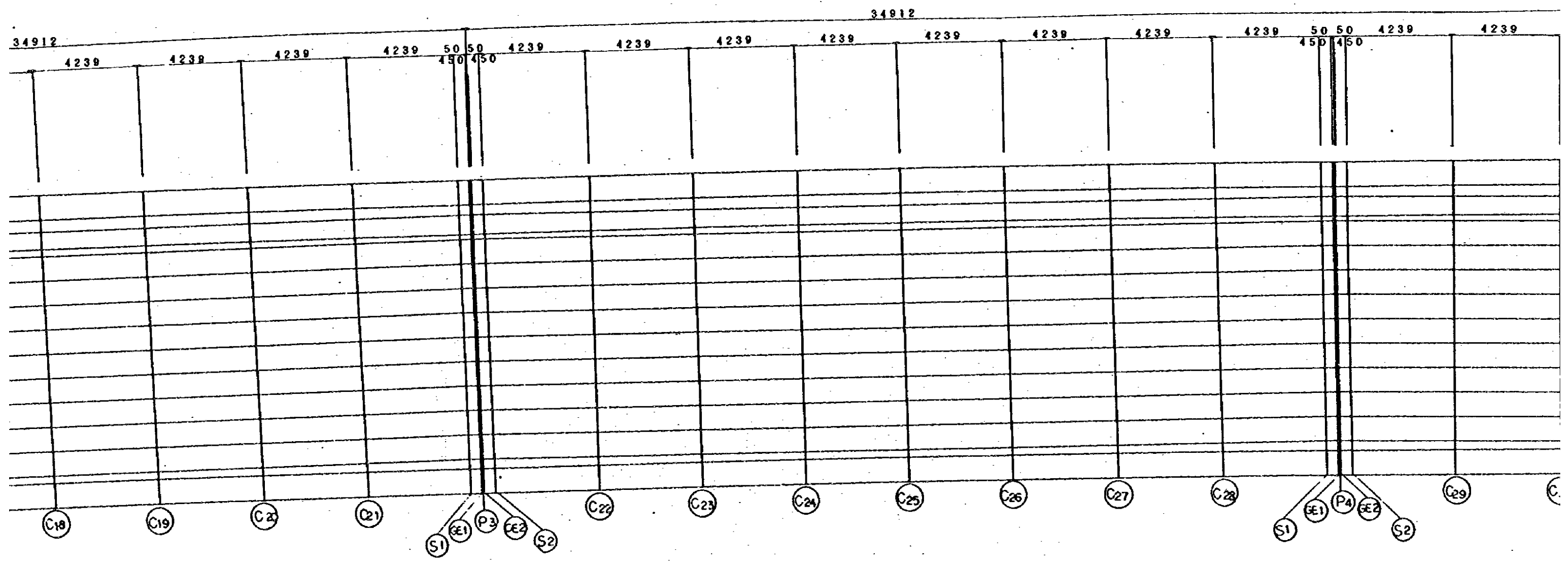


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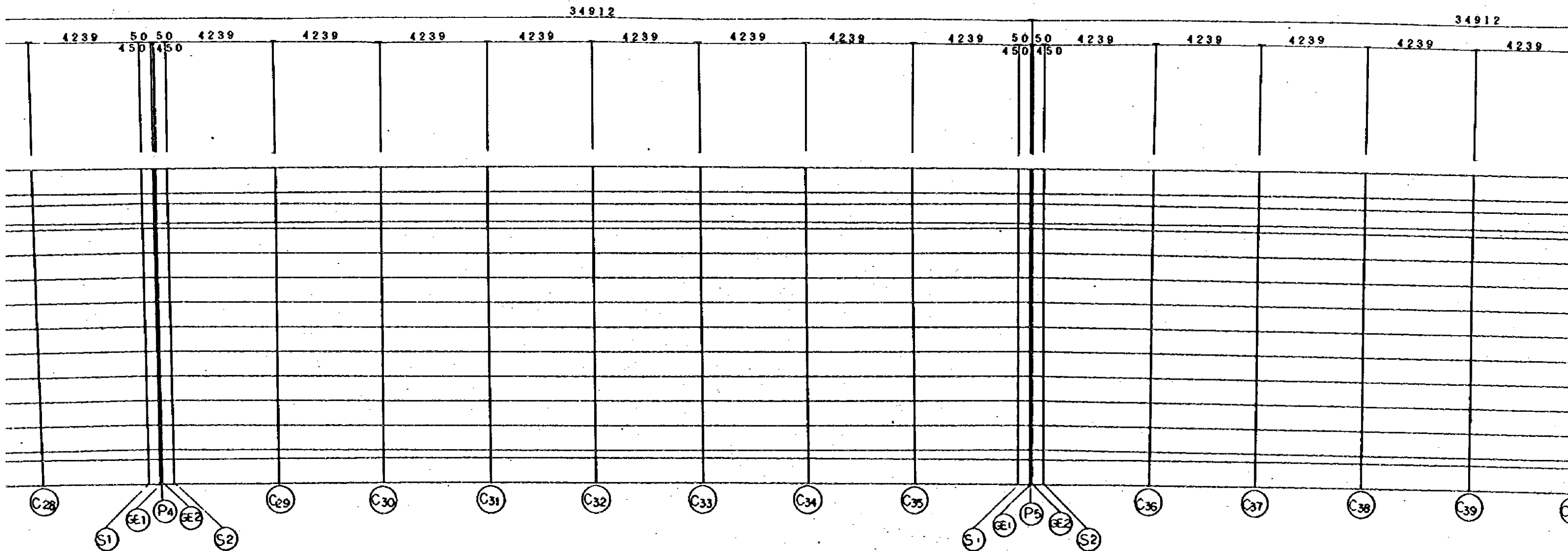
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R/A -

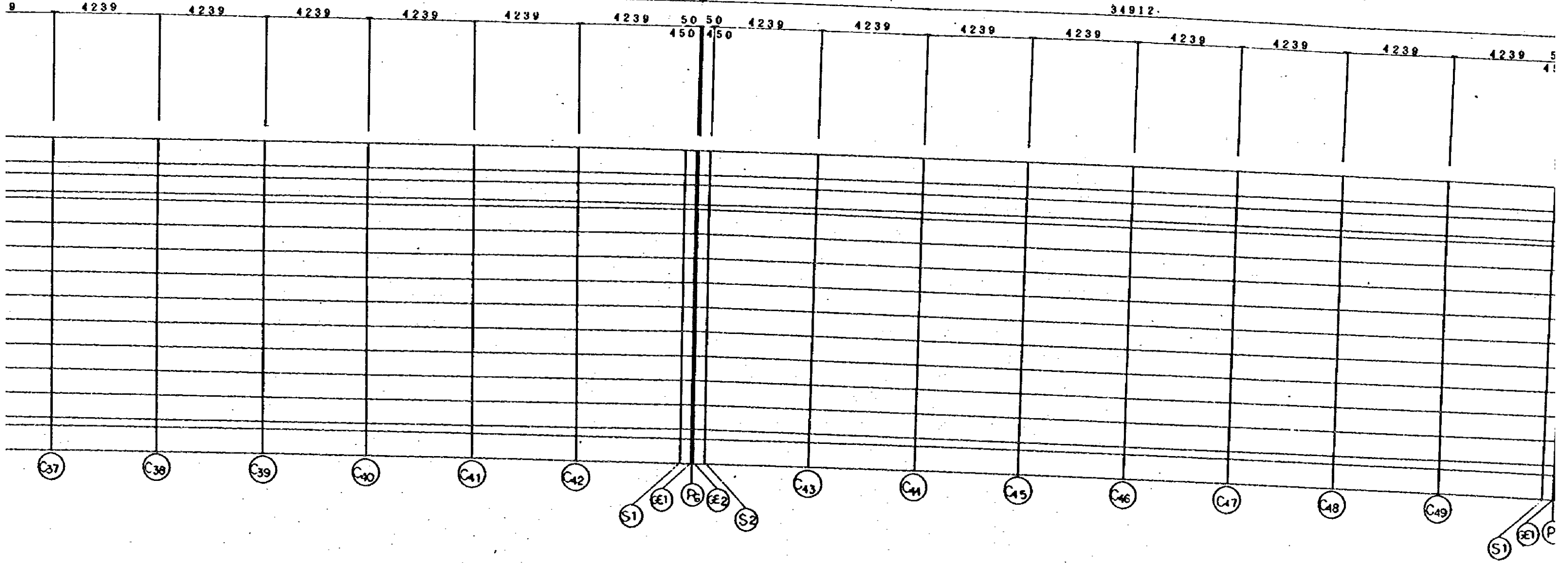


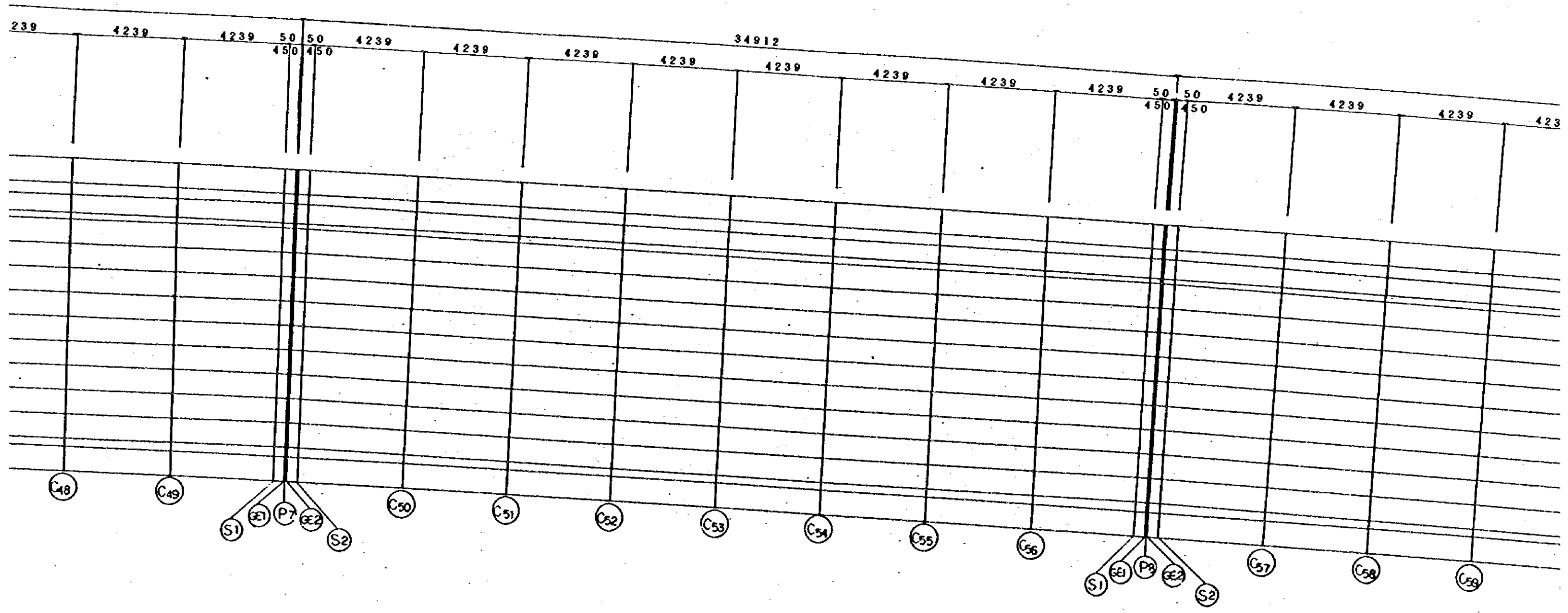
R/A-12 SOHAR

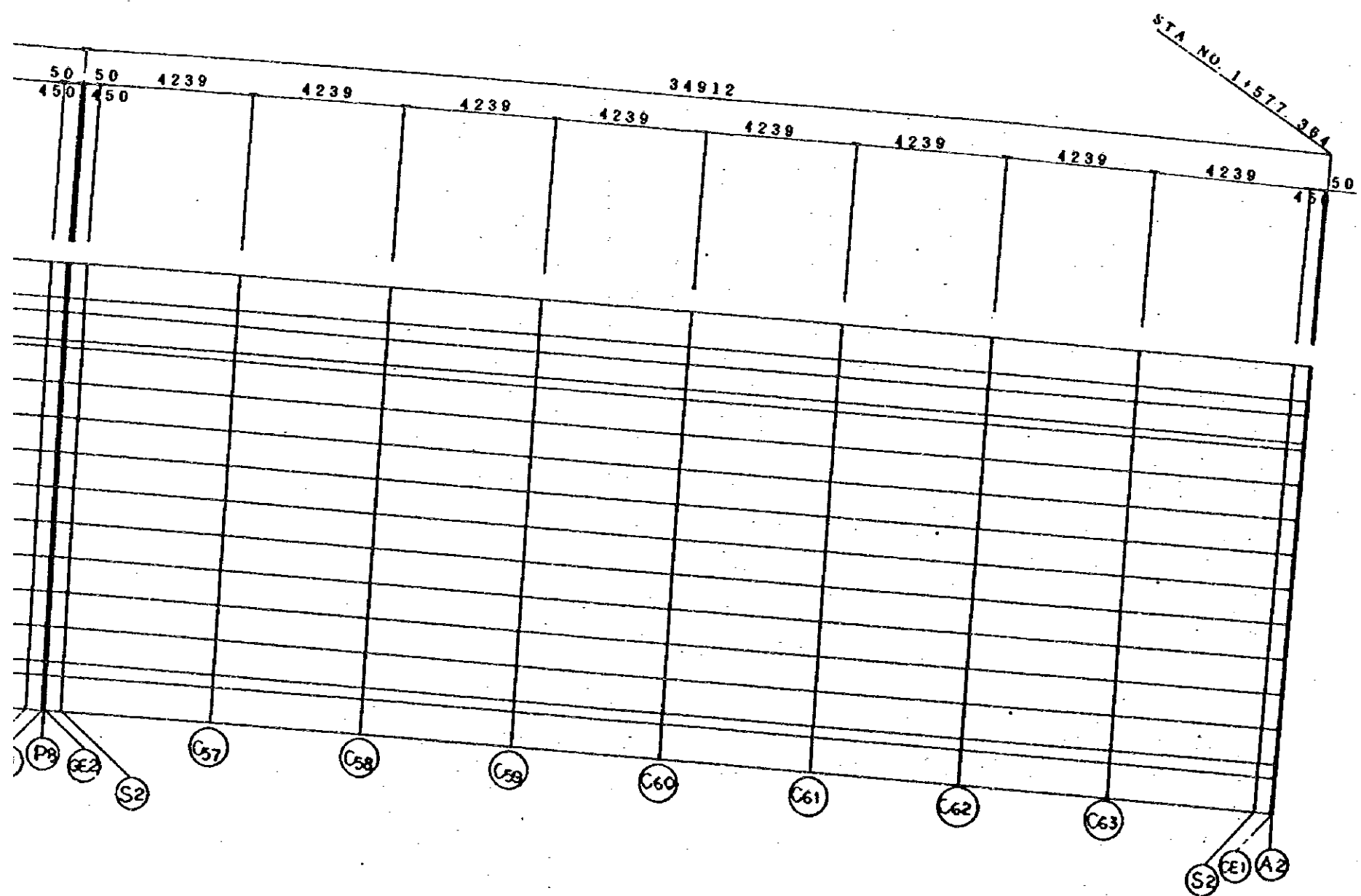
B-LINE



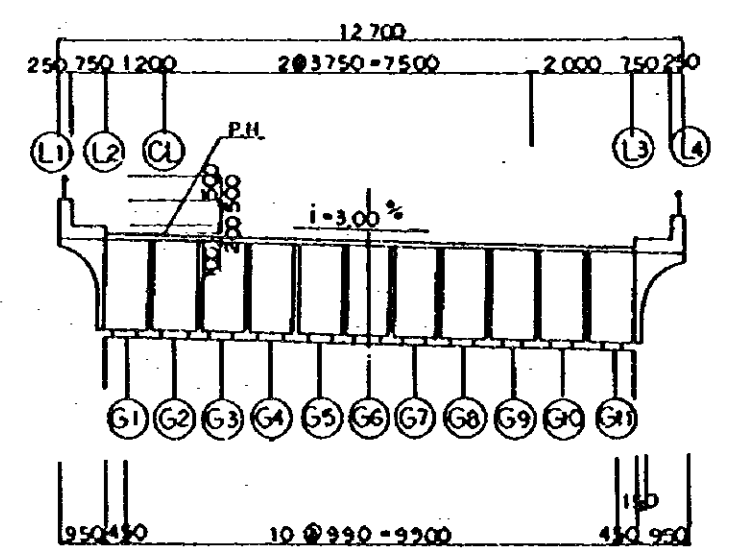
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B-LINE



JAPAN INTERNATIONAL COOPERATION AGENCY (JICA) JICA STUDY TEAM PACIFIC CONSULTANTS INTERNATIONAL FUKUYAMA CONSULTANTS INTERNATIONAL	CLIENT: MINISTRY OF COMMUNICATIONS, DIRECTORATE GENERAL OF ROADS	
	PROJECT: D/D ON ROAD DEVELOPMENT PROJECT ON BATINAH HIGHWAY	
	TITLE: FRAMING PLAN RA/11 AT B-LINE	
	DATE:	DWGNO. B-5

SOHAR(B)

SECTION		A1	A1-GE1	A1-S1	C4	P1-S1	P1-GE1	P1	P1-GE2	P1-S2	G11	P2-S1	P2-GE1	P2	P2-GE2
STATION		1 + 262.3640	1 + 262.4140	1 + 262.8640	1 + 279.8640	1 + 296.8640	1 + 297.3140	1 + 297.3640	1 + 297.4140	1 + 297.8640	1 + 314.8640	1 + 331.8640	1 + 332.3140	1 + 332.3640	1 + 332.4140
L1	X	-0.624	-0.5743	-0.1265	16.8242	33.7908	34.2395	34.2893	34.3392	34.7878	51.769	68.762	69.2114	69.2613	69.3111
	Y	6.3193	6.3242	6.3683	7.9461	9.3437	9.3782	9.382	9.3858	9.4202	10.6268	11.6529	11.6776	11.6803	11.683
	Z	21.4157	21.4165	21.4235	21.676	21.8996	21.9051	21.9057	21.9063	21.9118	22.1047	22.2688	22.2727	22.2732	22.2731
L2	X	-0.5258	-0.476	-0.0282	16.9116	33.8673	34.3159	34.3658	34.4156	34.8643	51.8346	68.8167	69.266	69.3159	69.3651
	Y	5.3241	5.329	5.3732	6.9499	8.3466	8.3811	8.3849	8.3888	8.4231	9.629	10.6544	10.6791	10.6818	10.6841
	Z	21.4857	21.4865	21.4935	21.746	21.9696	21.9751	21.9757	21.9763	21.9818	22.1747	22.3368	22.3427	22.3432	22.3431
CL	X	-0.4078	-0.3581	0.0898	17.0165	33.959	34.4077	34.4576	34.5074	34.9561	51.9133	68.8823	69.3316	69.3815	69.4311
	Y	4.1299	4.1348	4.179	5.7545	7.1501	7.1846	7.1884	7.1923	7.2266	8.4315	9.4562	9.4809	9.4836	9.486
	Z	21.4497	21.4505	21.4575	21.71	21.9335	21.9391	21.9397	21.9403	21.9458	22.1387	22.3028	22.3067	22.3072	22.307
G6(PIER CENTER)	X	0	0.0498	0.4981	17.3875	34.2769	34.7252	34.775	34.8249	35.274	52.1917	69.1094	69.5585	69.6084	69.658
	Y	0	0.0044	0.0437	1.5253	3.0069	3.0462	3.0506	3.0539	3.0834	4.1952	5.307	5.3366	5.3398	5.34
	Z	21.3252	21.326	21.3329	21.5826	21.8089	21.8146	21.8152	21.8158	21.8212	22.0114	22.1781	22.1822	22.1827	22.183
L3	X	0.5258	0.5756	1.0234	17.8467	34.6857	35.1344	35.1842	35.2341	35.6828	52.5363	69.4016	69.8509	69.9008	69.950
	Y	-5.3241	-5.3192	-5.275	-3.7091	-2.322	-2.2875	-2.2837	-2.2799	-2.2456	-1.048	-0.0296	-0.0049	-0.0022	0.000
	Z	21.1647	21.1655	21.1726	21.425	21.6485	21.6541	21.6547	21.6553	21.6608	21.8537	22.0178	22.0217	22.0222	22.022
L4	X	0.6241	0.6739	1.1217	17.9341	34.7622	35.2108	35.2607	35.3106	35.7592	52.6018	69.4562	69.9056	69.9555	70.005
	Y	-6.3193	-6.3143	-6.2702	-4.7053	-3.3191	-3.2846	-3.2808	-3.277	-3.2426	-2.0459	-1.0281	-1.0034	-1.0007	-0.997
	Z	21.0347	21.0355	21.0426	21.295	21.5185	21.5241	21.5247	21.5253	21.5308	21.7237	21.8878	21.8917	21.8922	21.892

NOTES:

G11	P2-S1	P2-GE1	P2	P2-GE2	P2-S2	G18	P3-S1	P3-GE1	P3	P3-GE2	P3-S2	G25	P4-S1	P4-GE1	P4	P4-GE2	P4-S2	O32	P5-S1
+ 314.8640	+ 331.8640	+ 332.3140	+ 332.3640	+ 332.4140	+ 332.8640	+ 349.8640	+ 366.8640	+ 367.3140	+ 367.3640	+ 367.4140	+ 367.8640	+ 384.8640	+ 401.8640	+ 402.3140	+ 402.3640	+ 402.4140	+ 402.8640	+ 419.8640	+ 436.8640
51.769	68.762	69.2114	69.2613	69.3112	69.7605	86.764	103.7755	104.2252	104.2752	104.3252	104.7749	121.7926	138.8143	139.2642	139.3142	139.3642	139.8142	156.8379	173.8617
10.6268	11.6529	11.6776	11.6803	11.6831	11.7076	12.5425	13.1967	13.2115	13.2132	13.2148	13.2295	13.6923	13.9742	13.9792	13.9798	13.9803	13.9852	14.0756	13.9852
22.1047	22.2688	22.2727	22.2732	22.2736	-22.2775	22.411	22.5156	22.5179	22.5182	22.5184	22.5208	22.5947	22.6398	22.6406	22.6407	22.6408	22.6415	22.656	22.6415
51.8346	68.8167	69.266	69.3159	69.3659	69.8152	86.8078	103.8083	104.258	104.308	104.358	104.8077	121.8145	138.8252	139.2752	139.3252	139.3752	139.8251	156.8379	173.8507
9.629	10.6544	10.6791	10.6818	10.6846	10.7091	11.5435	12.1972	12.2121	12.2137	12.2154	12.23	12.6925	12.9743	12.9793	12.9798	12.9804	12.9852	13.0756	12.9852
22.1747	22.3388	22.3427	22.3432	22.3436	22.3475	22.481	22.5856	22.5879	22.5882	22.5884	22.5908	22.6647	22.7098	22.7106	22.7107	22.7108	22.7115	22.726	22.7115
51.9133	68.8823	69.3316	69.3815	69.4315	69.8808	86.8603	103.8476	104.2974	104.3474	104.3973	104.8471	121.8407	138.8383	139.2883	139.3383	139.3883	139.8383	156.8379	173.8376
8.4315	9.4562	9.4809	9.4836	9.4864	9.5109	10.3446	10.9979	11.0127	11.0144	11.016	11.0307	11.4928	11.7744	11.7794	11.7799	11.7805	11.7853	11.8756	11.7853
22.1387	22.3028	22.3067	22.3072	22.3076	22.3115	22.445	22.5495	22.5519	22.5522	22.5524	22.5548	22.6287	22.6738	22.6746	22.6747	22.6748	22.6755	22.69	22.6756
52.1917	69.1094	69.5585	69.6084	69.6583	70.1079	87.0459	103.984	104.4335	104.4835	104.5335	104.9834	121.9336	138.8838	139.3337	139.3837	139.4337	139.8837	156.8379	173.7922
4.1952	5.307	5.3366	5.3398	5.342	5.3617	6.1032	6.8447	6.8644	6.8666	6.8677	6.8775	7.2484	7.6192	7.6291	7.6302	7.6302	7.6302	7.6302	7.6302
22.0114	22.1781	22.1822	22.1827	22.1831	22.1869	22.3176	22.4249	22.4274	22.4277	22.4279	22.4301	22.5014	22.5491	22.5501	22.5502	22.5503	22.5509	22.5626	22.5509
52.5363	69.4016	69.8509	69.9008	69.9507	70.4001	87.2757	104.1593	104.609	104.659	104.709	105.1588	122.0485	138.9422	139.3922	139.4422	139.4922	139.9422	156.8379	173.7337
-1.048	-0.0296	-0.0049	-0.0022	0.0006	0.0251	0.8537	1.503	1.5178	1.5195	1.5211	1.5358	1.9951	2.2749	2.2799	2.2805	2.281	2.2859	2.3756	2.2859
21.8537	22.0178	22.0217	22.0222	22.0226	22.0266	22.16	22.2645	22.2669	22.2672	22.2675	22.2698	22.3437	22.3888	22.3896	22.3897	22.3898	22.3906	22.405	22.3906
52.6018	69.4562	69.9056	69.9555	70.0054	70.4547	87.3195	104.1921	104.6419	104.6918	104.7418	105.1916	122.0704	138.9532	139.4031	139.4531	139.5031	139.9531	156.8379	173.7228
-2.0459	-1.0281	-1.0034	-1.0007	-0.9979	-0.9734	-0.1453	0.5035	0.5184	0.52	0.5217	0.5363	0.9953	1.275	1.28	1.2805	1.2811	1.2859	1.3756	1.2859
21.7237	21.8878	21.8917	21.8922	21.8926	21.8966	22.03	22.1345	22.1369	22.1372	22.1375	22.1398	22.2137	22.2588	22.2596	22.2597	22.2598	22.2606	22.275	22.2606

FRAMING PLAN AT RA/12 SOHAR (B-LINE)

	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	P7-S1	P7-GE1	P7	P7-GE2	P7-S2
340	1 + 402.4140	1 + 402.8640	1 + 419.8640	1 + 436.8640	1 + 437.3140	1 + 437.3640	1 + 437.4140	1 + 437.8640	1 + 454.8640	1 + 471.8640	1 + 472.3140	1 + 472.3640	1 + 472.4140	1 + 472.8640	1 + 489.8640	1 + 506.8640	1 + 507.3140	1 + 507.3640	1 + 507.4140	1 + 507.8640
42	139.3642	139.8142	156.8379	173.8617	174.3116	174.3616	174.4116	174.8616	191.8833	208.901	209.3507	209.4007	209.4507	209.9004	226.9118	243.9153	244.3647	244.4146	244.4645	244.91
98	13.9803	13.9852	14.0756	13.9852	13.9803	13.9798	13.9792	13.9742	13.6923	13.2295	13.2148	13.2132	13.2116	13.1967	12.5425	11.7076	11.6831	11.6804	11.6776	11.6
07	22.6408	22.6415	22.656	22.6415	22.6408	22.6407	22.6406	22.6398	22.5948	22.5208	22.5184	22.5182	22.5179	22.5156	22.411	22.2775	22.2736	22.2732	22.2727	22.26
52	139.3752	139.8251	156.8379	173.8507	174.3007	174.3507	174.4007	174.8507	191.8614	208.8681	209.3179	209.3679	209.4179	209.8676	226.8681	243.8607	244.31	244.3599	244.4098	244.85
98	12.9804	12.9852	13.0756	12.9852	12.9804	12.9799	12.9793	12.9743	12.6925	12.2301	12.2154	12.2137	12.2121	12.1973	11.5435	10.7091	10.6846	10.6819	10.6791	10.65
07	22.7108	22.7115	22.726	22.7115	22.7108	22.7107	22.7106	22.7098	22.6648	22.5908	22.5884	22.5882	22.5879	22.5856	22.481	22.3475	22.3436	22.3432	22.3427	22.33
83	139.3883	139.8383	156.8379	173.8376	174.2876	174.3376	174.3876	174.8376	191.8351	208.8288	209.2785	209.3285	209.3785	209.8282	226.8156	243.7951	244.2444	244.2943	244.3443	244.79
99	11.7805	11.7853	11.8756	11.7853	11.7805	11.7799	11.7794	11.7744	11.4928	11.0307	11.016	11.0144	11.0127	10.9979	10.3446	9.5109	9.4864	9.4837	9.4809	9.45
47	22.6748	22.6755	22.69	22.6756	22.6748	22.6747	22.6746	22.6738	22.6288	22.5548	22.5524	22.5522	22.5519	22.5496	22.445	22.3116	22.3076	22.3072	22.3067	22.30
37	139.4337	139.8837	156.8379	173.7922	174.2422	174.2922	174.3422	174.7921	191.7423	208.6925	209.1424	209.1924	209.2423	209.6919	226.6299	243.5679	244.0175	244.0675	244.1174	244.56
02	7.6302	7.6302	7.6302	7.6302	7.6302	7.6302	7.6291	7.6192	7.2484	6.8776	6.8677	6.8666	6.8644	6.8447	6.1032	5.3617	5.342	5.3399	5.3366	5.30
02	22.5503	22.5509	22.5626	22.5509	22.5503	22.5502	22.5501	22.5491	22.5014	22.4301	22.4279	22.4277	22.4274	22.4249	22.3176	22.1869	22.1831	22.1827	22.1822	22.17
22	139.4922	139.9422	156.8379	173.7337	174.1837	174.2337	174.2837	174.7337	191.6273	208.5171	208.9669	209.0169	209.0668	209.5166	226.4001	243.2758	243.7251	243.7751	243.825	244.27
05	2.281	2.2859	2.3756	2.2859	2.281	2.2805	2.2799	2.2749	1.9951	1.5358	1.5211	1.5195	1.5179	1.503	0.8537	0.0251	0.0006	-0.0021	-0.0049	-0.02
97	22.3898	22.3906	22.405	22.3906	22.3898	22.3897	22.3896	22.3888	22.3438	22.2698	22.2675	22.2672	22.2669	22.2645	22.16	22.0266	22.0226	22.0222	22.0217	22.01
31	139.5031	139.9531	156.8379	173.7228	174.1727	174.2227	174.2727	174.7227	191.6055	208.4843	208.9341	208.984	209.034	209.4838	226.3564	243.2211	243.6705	243.7204	243.7703	244.21
05	1.2811	1.2859	1.3756	1.2859	1.2811	1.2806	1.28	1.275	0.9953	0.5364	0.5217	0.52	0.5184	0.5035	-0.1453	-0.9734	-0.9979	-1.0007	-1.0034	-1.02
57	22.2598	22.2606	22.275	22.2606	22.2598	22.2597	22.2596	22.2588	22.2138	22.1398	22.1375	22.1372	22.1369	22.1345	22.03	21.8966	21.8926	21.8922	21.8917	21.88

P7	P7-GE2	P7-S2	C53	P8-S1	P8-GE1	P8	P8-GE2	P8-S2	C60	A2-S1	A2-GE1	A2
1 + 507.3640	1 + 507.4140	1 + 507.8640	1 + 524.8640	1 + 541.8640	1 + 542.3140	1 + 542.3640	1 + 542.4140	1 + 542.8640	1 + 559.8640	1 + 576.8640	1 + 577.3140	1 + 577.3640
244.4146	244.4645	244.9138	261.9068	278.888	279.3367	279.3866	279.4364	279.8851	296.8516	313.8023	314.2502	314.2999
11.6804	11.6776	11.653	10.6268	9.4202	9.3859	9.382	9.3782	9.3437	7.9461	6.3684	6.3242	6.3193
22.2732	22.2727	22.2688	22.1048	21.9118	21.9063	21.9057	21.9051	21.8996	21.676	21.4235	21.4165	21.4157
244.3599	244.4098	244.8592	261.8413	278.8115	279.2602	279.3101	279.3599	279.8086	296.7642	313.704	314.1519	314.2016
10.6819	10.6791	10.6545	9.629	8.4231	8.3888	8.385	8.3811	8.3466	6.95	5.3732	5.3291	5.3241
22.3432	22.3427	22.3388	22.1748	21.9818	21.9763	21.9757	21.9751	21.9696	21.746	21.4935	21.4865	21.4857
244.2943	244.3443	244.7936	261.7626	278.7197	279.1684	279.2183	279.2681	279.7168	296.6593	313.5861	314.0339	314.0837
9.4837	9.4809	9.4562	8.4316	7.2266	7.1923	7.1885	7.1847	7.1502	5.7545	4.179	4.1349	4.1299
22.3072	22.3067	22.3028	22.1388	21.9458	21.9403	21.9397	21.9391	21.9336	21.71	21.4576	21.4505	21.4497
244.0675	244.1174	244.5664	261.4842	278.4019	278.851	278.9009	278.9507	279.399	296.2883	313.1777	313.626	313.6758
5.3399	5.3366	5.3071	4.1952	3.0834	3.0539	3.0506	3.0463	3.0069	1.5253	0.0437	0.0044	0
22.1827	22.1822	22.1781	22.0114	21.8212	21.8158	21.8152	21.8146	21.8089	21.5826	21.3329	21.326	21.3252
243.7751	243.825	244.2743	261.1396	277.9931	278.4418	278.4917	278.5415	278.9902	295.8292	312.6525	313.1003	313.1501
-0.0021	-0.0049	-0.0296	-1.048	-2.2455	-2.2799	-2.2837	-2.2875	-2.322	-3.7091	-5.275	-5.3191	-5.3241
22.0222	22.0217	22.0178	21.8538	21.6608	21.6553	21.6547	21.6541	21.6485	21.425	21.1726	21.1655	21.1647
243.7204	243.7703	244.2196	261.074	277.9166	278.3653	278.4152	278.465	278.9137	295.7418	312.5542	313.002	313.0518
-1.0007	-1.0034	-1.0281	-2.0458	-3.2426	-3.2769	-3.2808	-3.2846	-3.3191	-4.7053	-6.2702	-6.3143	-6.3192
21.8922	21.8917	21.8878	21.7238	21.5308	21.5253	21.5247	21.5241	21.5165	21.295	21.0426	21.0355	21.0347

JAPAN INTERNATIONAL COOPERATION AGENCY
(JICA)

JICA STUDY TEAM
PACIFIC CONSULTANTS INTERNATIONAL
FUKUYAMA CONSULTANTS INTERNATIONAL

CLIENT: MINISTRY OF COMMUNICATIONS, DIRECTORATE GENERAL OF ROADS

PROJECT: D/D ON ROAD DEVELOPMENT PROJECT ON BATHAN HIGHWAY

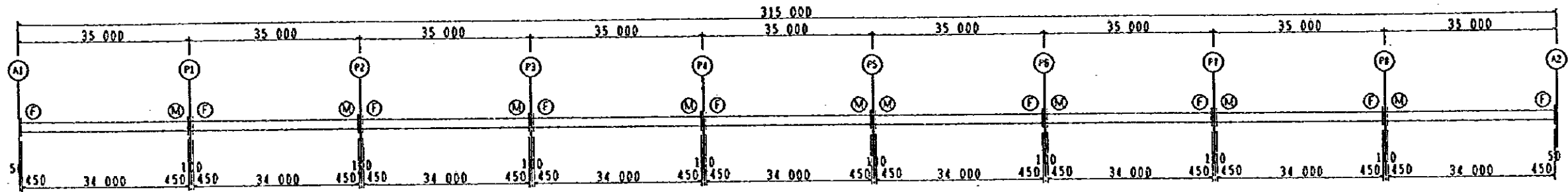
TITLE: CO-ORDINATE LIST RA/12 AT B-LINE

DATE

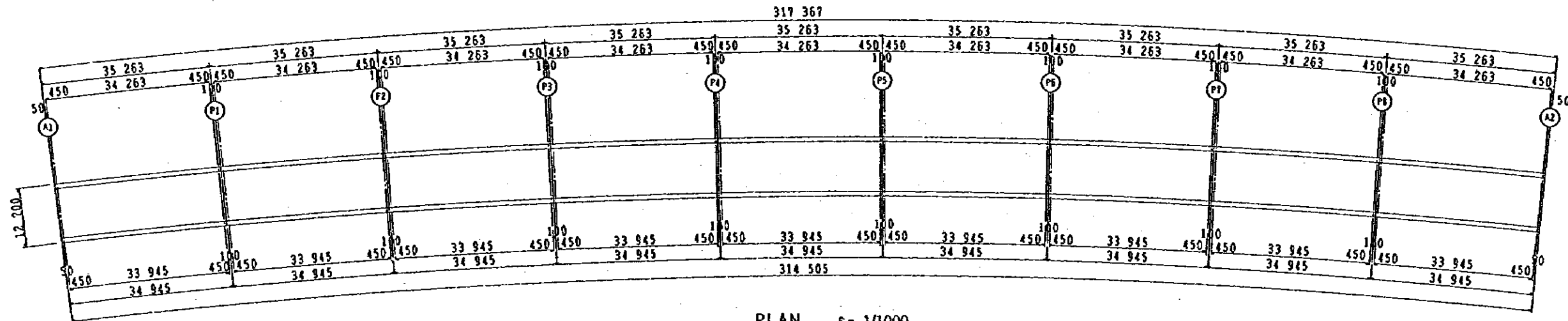
DWGNO.

B-6

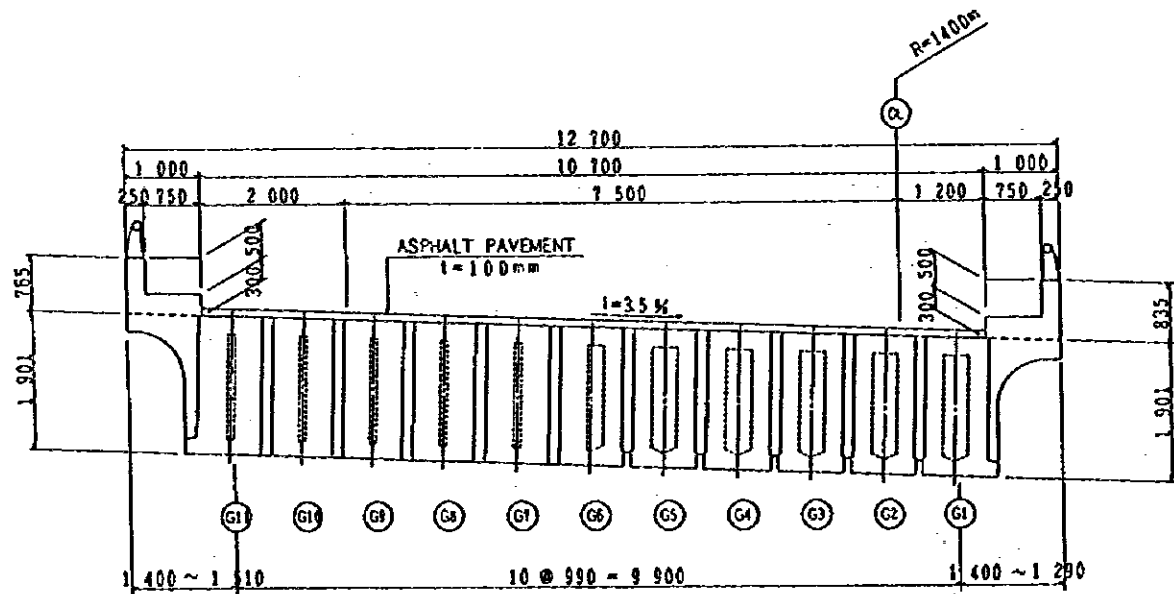
RA/12 SOHAR



PROFILE OF BRIDGE (AT CL) S= 1/1000

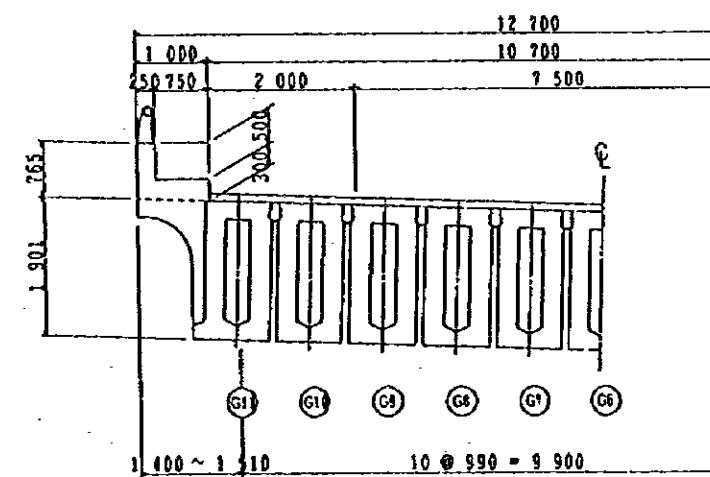


PLAN S= 1/1000



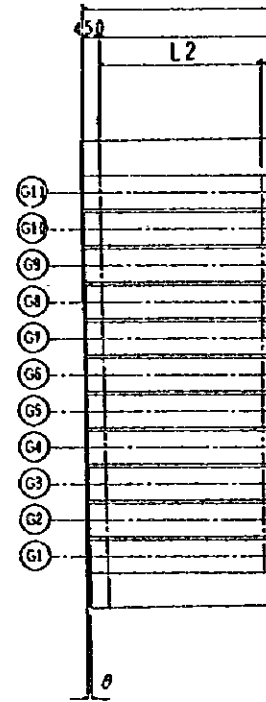
GIRDER END MIDDLE SPAN

SECTION S= 1/100



TYPICAL SEC

GENERAL VIEW OF BRIDGE AT A-LINE

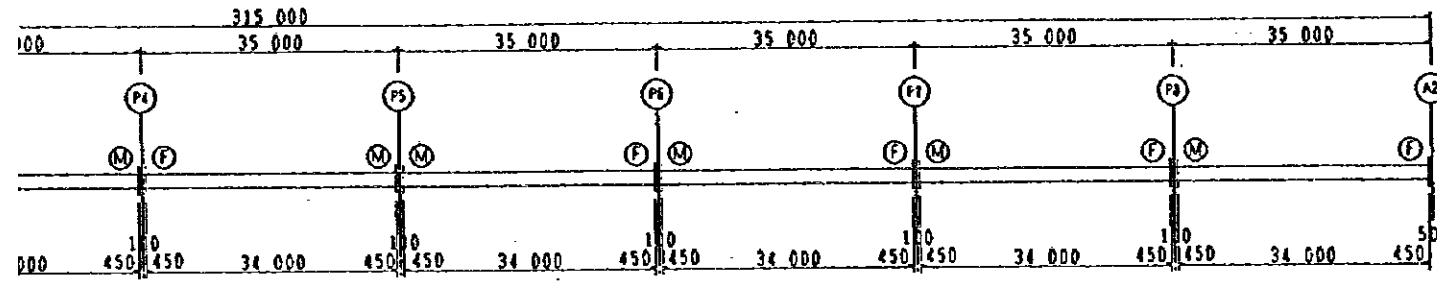


A1 ~ F1	L0	3
F8 ~ A2	L1	3
	L2	4
	Ø	
P1 ~ P2	L0	3
P7 ~ P8	L1	3
	L2	4
	Ø	
P2 ~ P3	L0	3
P8 ~ P1	L1	3
	L2	4
	Ø	
P3 ~ P4	L0	3
P5 ~ P6	L1	3
	L2	4
	Ø	
P4 ~ P5	L0	3
	L1	3
	L2	4
	Ø	

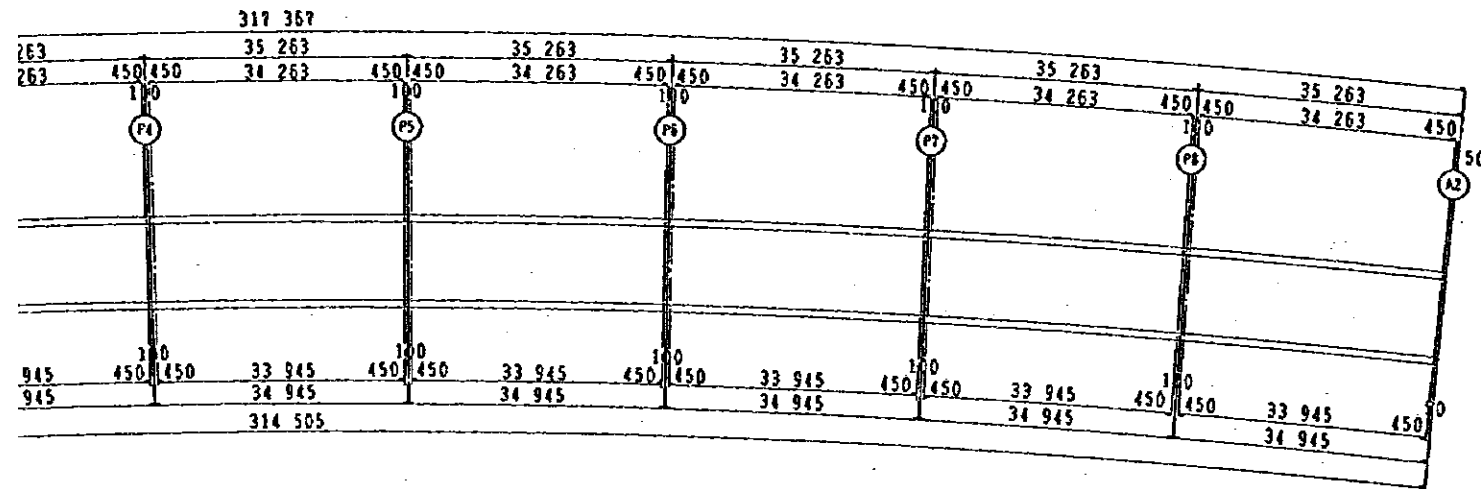
NOTES:

JAPAN INTERNATIONAL
 (J)
 JICA ST
 PACIFIC CONSULT.
 FUKUYAMA CONSUL

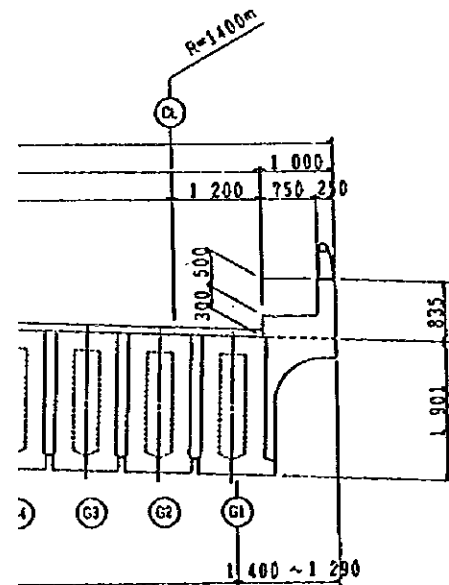
RA/12 SOHAR



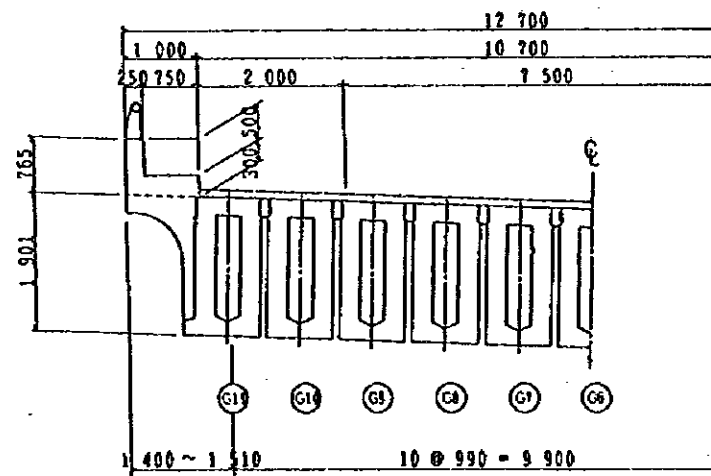
FILE OF BRIDGE (AT CL) s= 1/1000



PLAN s= 1/1000



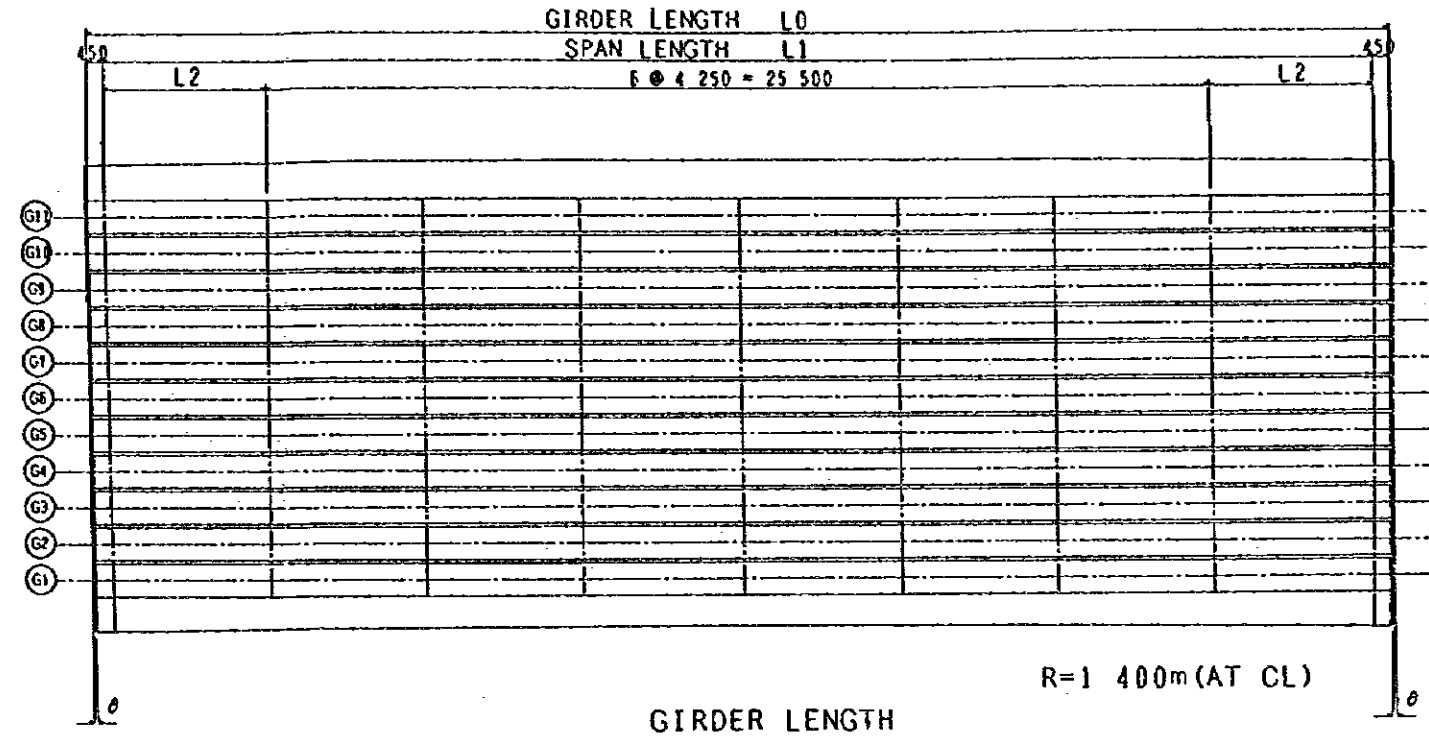
LE SPAN



TYPICAL SEC.

SECTION s= 1/100

GENERAL VIEW OF BRIDGE AT A-LINE

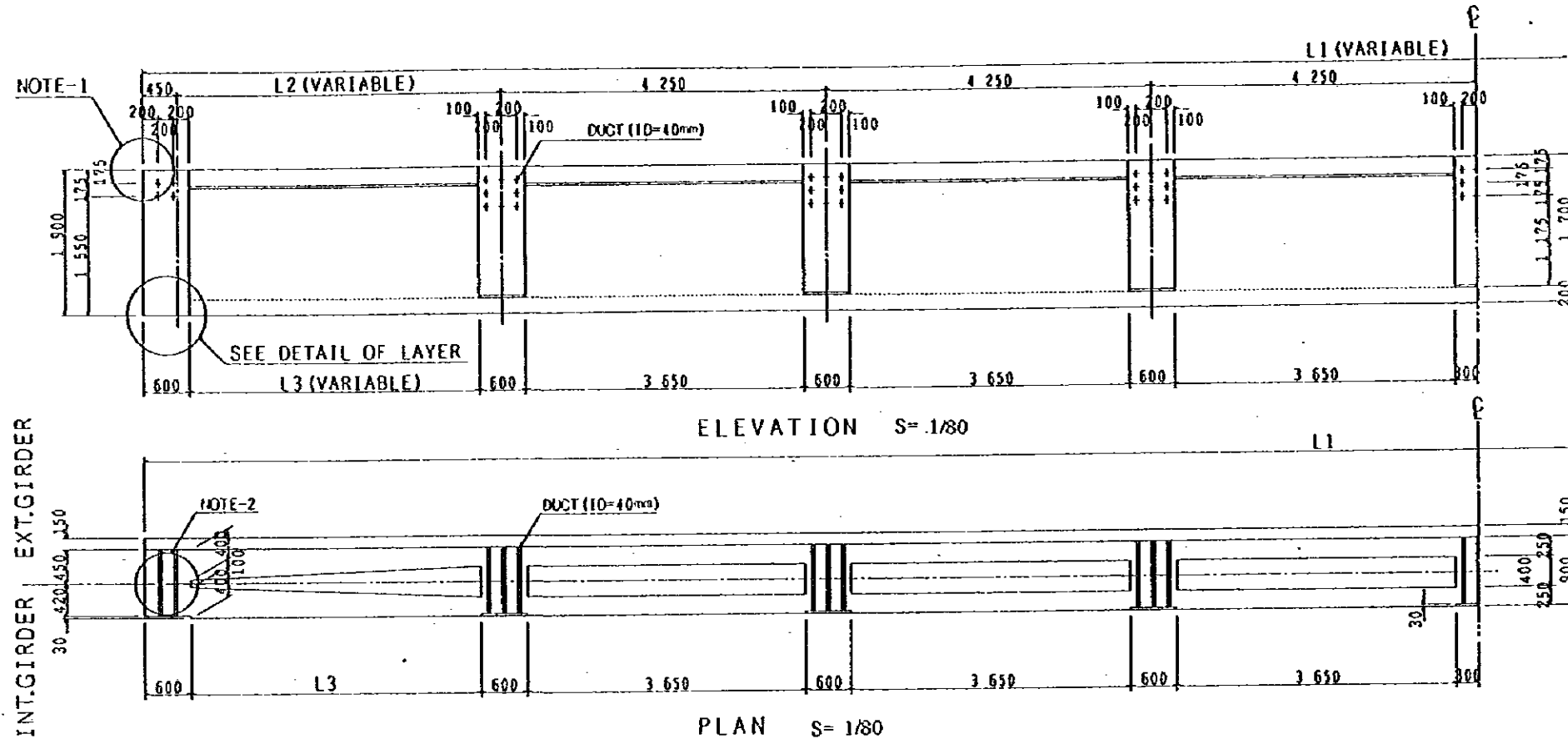


		G1	G2	G3	G4	G5	G6	G7	G8	G9	G10	G11	REMARKS
A1 ~ P1	L0	34 883	34 907	34 932	34 957	34 982	35 006	35 031	35 056	35 081	35 105	35 130	INCLINED LENGTH
	L1	33 983	34 007	34 032	34 057	34 083	34 106	34 131	34 156	34 181	34 205	34 230	"
P8 ~ A2	L2	4 241.5	4 253.5	4 226.0	4 278.5	4 291.5	4 303.0	4 315.5	4 328.0	4 340.5	4 352.5	4 365.0	"
	θ	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	"
	L0	34 881	34 906	34 931	34 955	34 980	35 005	35 030	35 054	35 079	35 104	35 128	INCLINED LENGTH
P1 ~ P2	L1	33 981	34 006	34 031	34 055	34 080	34 105	34 130	34 154	34 179	34 204	34 228	"
	L2	4 240.5	4 253.0	4 255.5	4 277.5	4 290.0	4 302.5	4 315.0	4 327.0	4 339.5	4 352.0	4 364.0	"
	θ	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	"
P2 ~ P3	L0	34 880	34 905	34 929	34 954	34 979	35 004	35 028	35 053	35 078	35 103	35 127	INCLINED LENGTH
	L1	33 980	34 005	34 029	34 054	34 079	34 104	34 128	34 153	34 178	34 203	34 227	"
	L2	4 240.0	4 252.5	4 264.5	4 277.0	4 289.5	4 302.0	4 314.0	4 326.5	4 339.0	4 351.5	4 363.5	"
P6 ~ P7	θ	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	"
	L0	34 879	34 904	34 929	34 954	34 978	35 003	35 028	35 053	35 077	35 102	35 127	INCLINED LENGTH
	L1	33 979	34 004	34 029	34 054	34 078	34 103	34 128	34 153	34 177	34 202	34 227	"
P3 ~ P4	L2	4 239.5	4 252.0	4 264.5	4 277.0	4 289.0	4 301.5	4 314.0	4 326.5	4 338.5	4 351.0	4 363.5	"
	θ	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	"
	L0	34 879	34 904	34 929	34 953	34 978	35 003	35 028	35 052	35 077	35 102	35 127	INCLINED LENGTH
P4 ~ P5	L1	33 979	34 004	34 029	34 053	34 078	34 103	34 128	34 152	34 177	34 202	34 227	"
	L2	4 239.5	4 252.0	4 264.5	4 276.5	4 289.0	4 301.5	4 314.0	4 326.0	4 338.5	4 351.0	4 363.5	"
	θ	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	0.7161	"

DIMENSION LIST FOR A-LINE

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	CLIENT: MINISTRY OF COMMUNICATIONS, DIRECTORATE GENERAL OF ROADS
PACIFIC CONSULTANTS INTERNATIONAL	PROJECT: D/D ON ROAD DEVELOPMENT PROJECT ON BATINAH HIGHWAY
FUKUYAMA CONSULTANTS INTERNATIONAL	TITLE: GENERAL VIEW OF BRIDGE AT A-LINE
	DATE: DWGNO. B-7

RA/12 SOHAR



L1	35 130 ~ 34 819
L2	4 365 ~ 4 240
L3	3 915 ~ 3 790

MAX. MIN. VALUE OF L

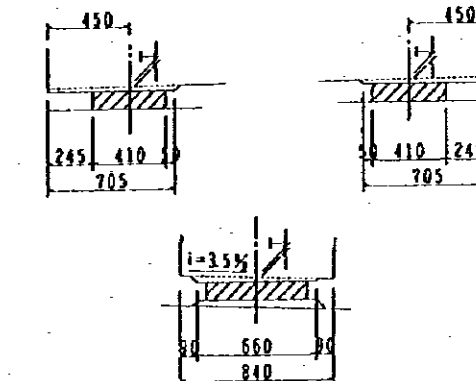
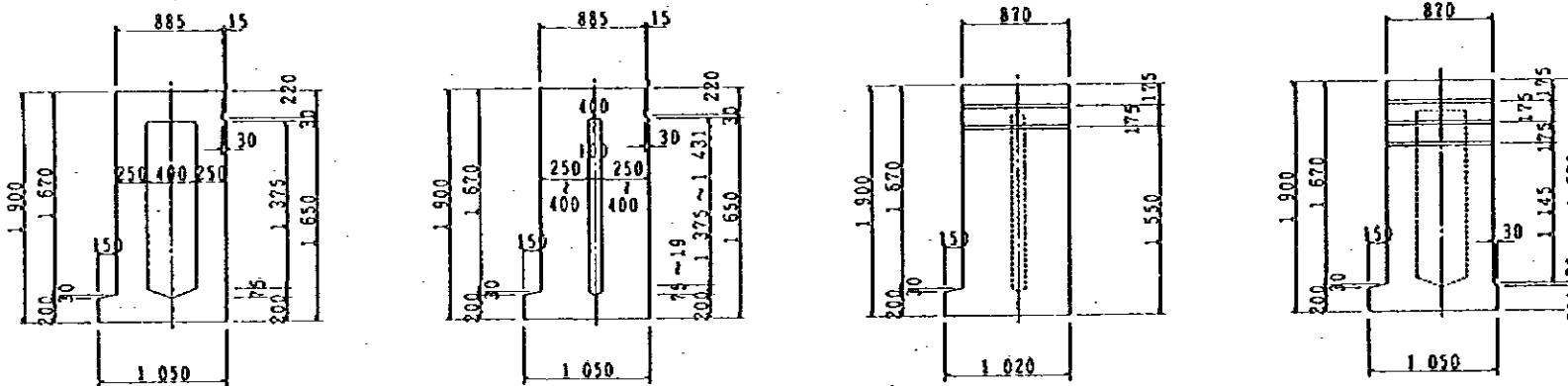
SEE AND CHECK VALUE OF L PER GIRDER FROM GENERAL VIEW SHEET (DIMENSION LIST)

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

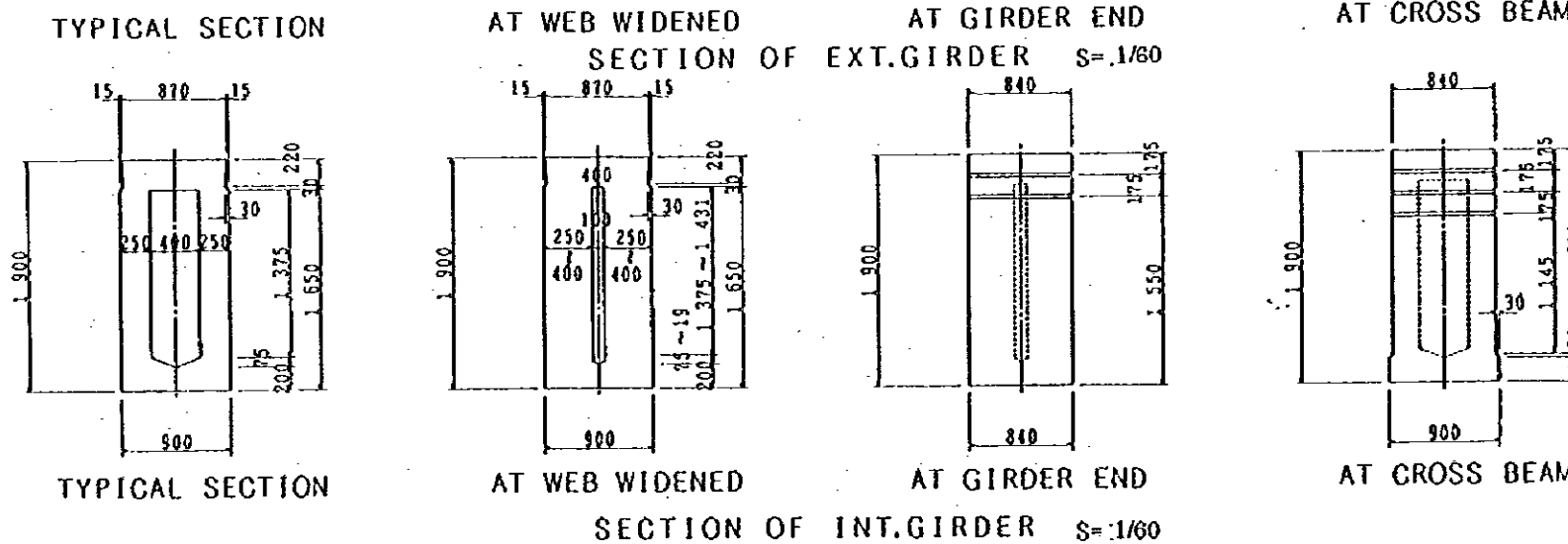
NOTE-2: INCLUDE TENDON ENCASMENT FOR ABUTMENTS AND PIERS ONLY, SEE VALUE OF θ

INT. GIRDER | EXT. GIRDER

PLAN S=1/80



DETAIL OF LAYER S=1/40



	T	REMARKS
(A1) ~ (P1)	FIX	22
(P1) ~ (A2)	MOV.	18
(P1) ~ (P2)	FIX	30
(P1) ~ (P3)	MOV.	20
(P2) ~ (P3)	FIX	29
(P3) ~ (P4)	MOV.	21
(P3) ~ (P4)	FIX	27
(P5) ~ (P6)	MOV.	23
(P4) ~ (P5)	FIX	25
(P4) ~ (P5)	MOV.	25

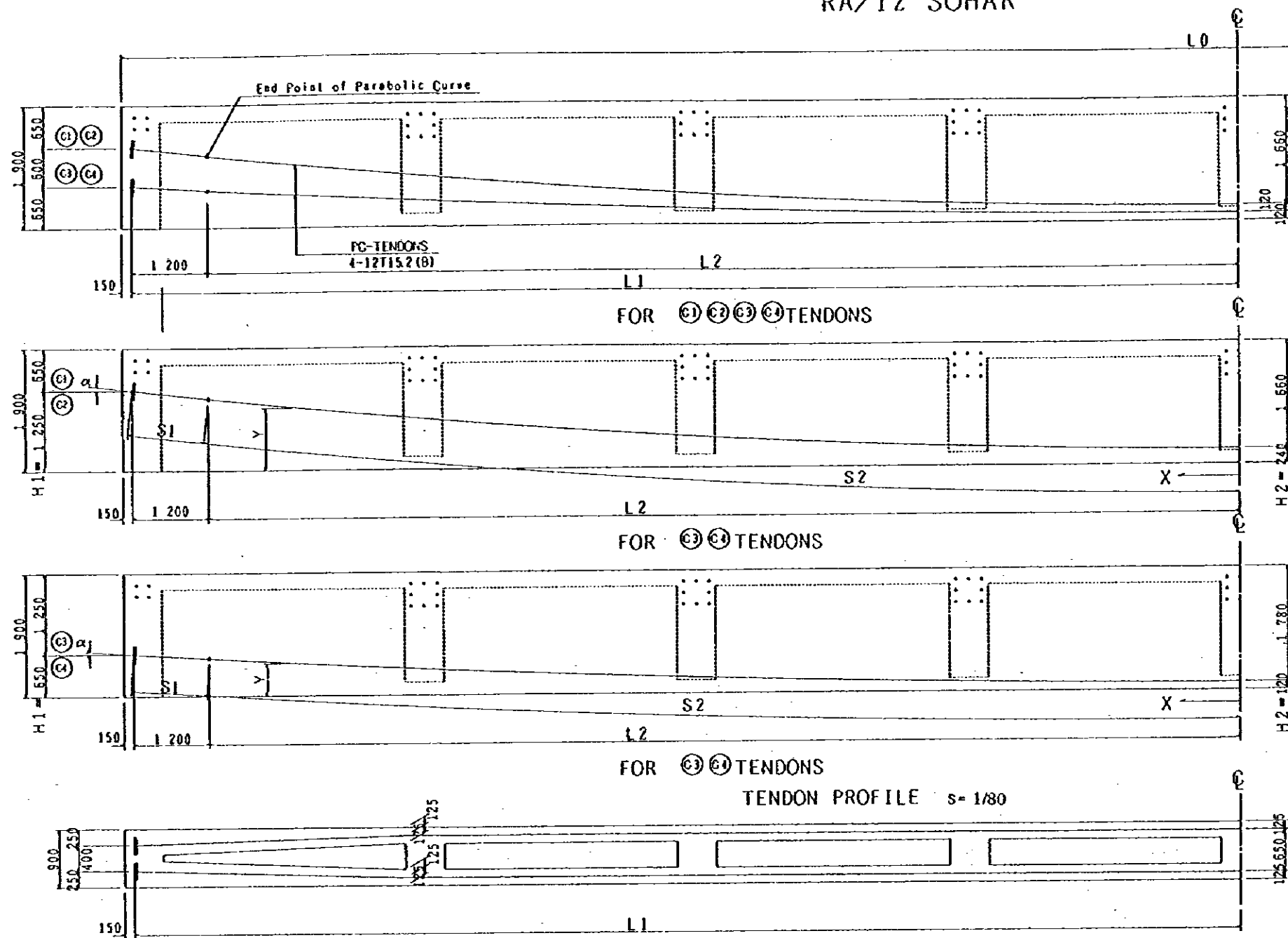
STRUCTURAL DETAIL OF MAIN GIRDER AT A-LINE

NOTES:

JAPAN INTERNATIONAL COOPERATION AGENCY
(JICA)
JICA STUDY TEAM
PACIFIC CONSULTANTS INTERNATIONAL
FUKUYAMA CONSULTANTS INTERNATIONAL

CLIENT: MINISTRY OF COMMUNICATIONS, DIRECTORATE GENERAL OF ROADS
PROJECT: D/D ON ROAD DEVELOPMENT PROJECT ON BATINAH HIGHWAY
TITLE: STRUCTURAL DETAIL OF MAIN GIRDER AT A-LINE
DATE: _____ DWGNO. B-8

RA/12 SOHAR



L0	35 130 ~ 34 819
L1	17 4150 ~ 17 289.5
L2	16 2150 ~ 16 089.5

SEE AND CHECK VALUE OF L FOR OTHER GIRDER LENGTH FROM GENERAL VIEW SHEET

	L1	L2	α (rad)	S1	S2	2x(S1+S2)	W / Cable	W (kg)
(C1) (C2)	17 350	16 150	6.2392	1 207	16 182	34 778	459.5	919.0
(C3) (C4)	17 350	16 150	3.2740	1 202	16 159	34 722	458.7	917.4
TOTAL								1 836.4

W COMPUTED BASED ON GIRDER LENGTH: 35.000m(AVE)
EXTRA LENGTH FOR TENSIONING IS NOT INCLUDED
w=13.212kg/m/Cable (12T15.2B)

NOTE :

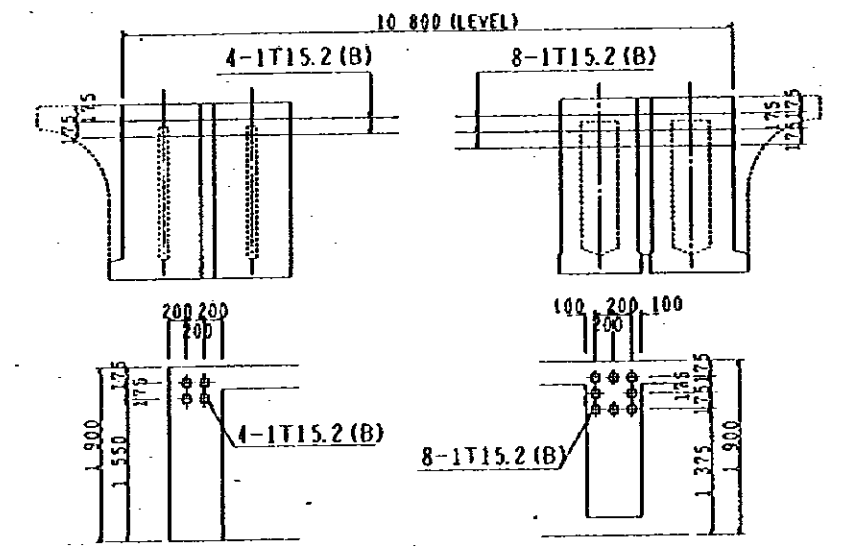
$$Y = (H1 - H2) / (L2 \times (L2 \times L1 - L2)) \times X^2 + H2$$

$$\alpha = 2 \times (H1 - H2) / (2 \times L1 - L2) \text{ rad.}$$

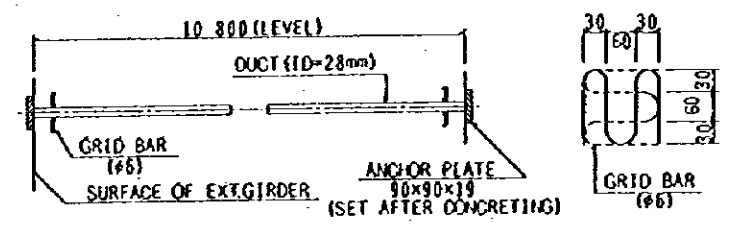
$$S1 = 1\ 200 / \cos \alpha$$

$$S2 = L2 \times (1 + 8/3 \times n^2 - 32/5 \times n^4 + 128/7 \times n^6 - 512/9 \times n^8)$$

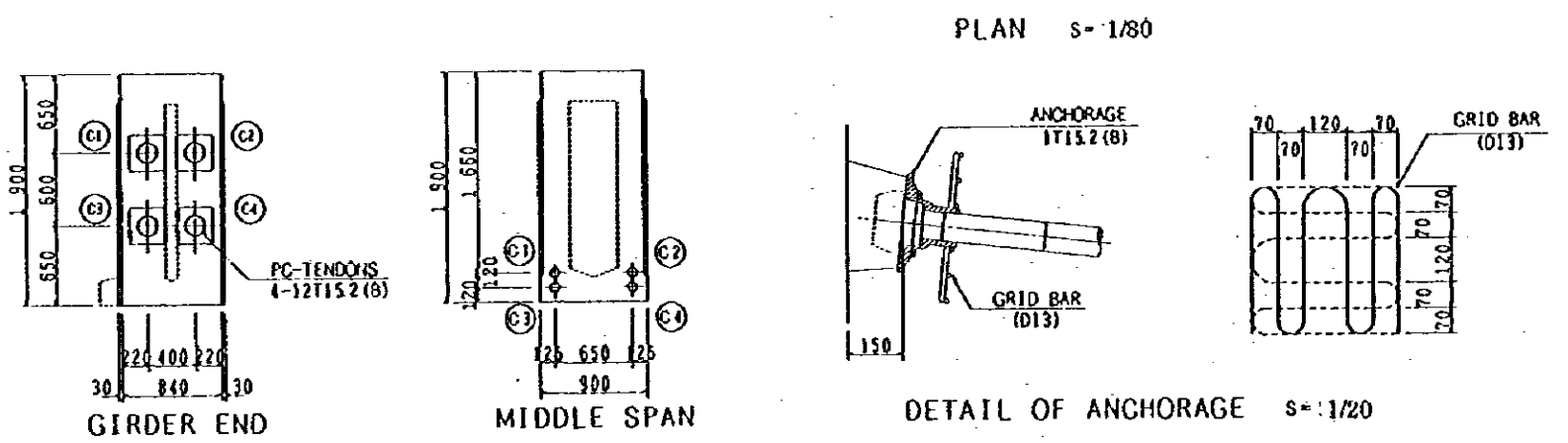
$$n = (H1 - H2 - 1 \text{ an} \times X / 200) / (2 \times L2)$$



GIRDER END CROSS BEAM
LATERAL TENDON ARRANGEMENT s=1/80

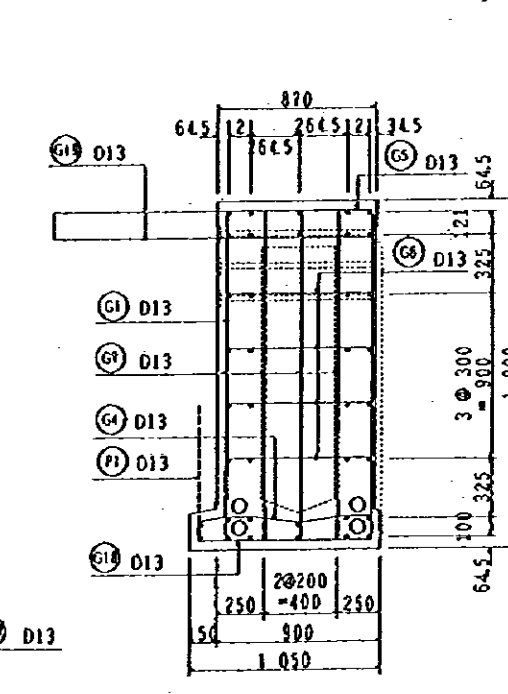
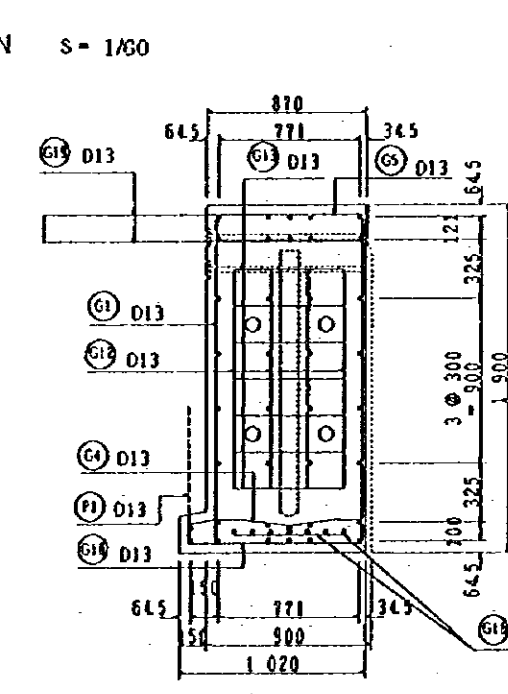
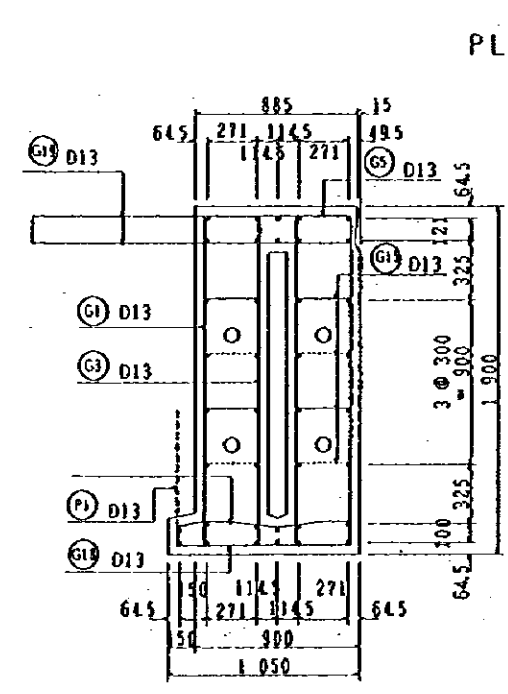
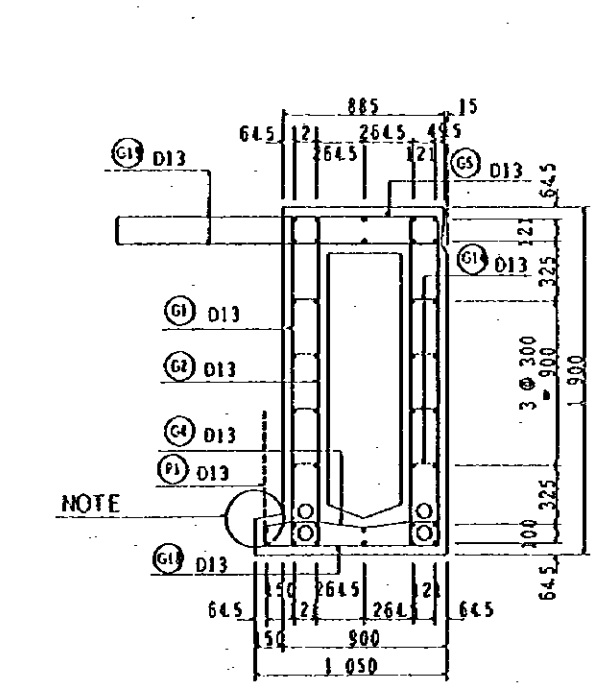
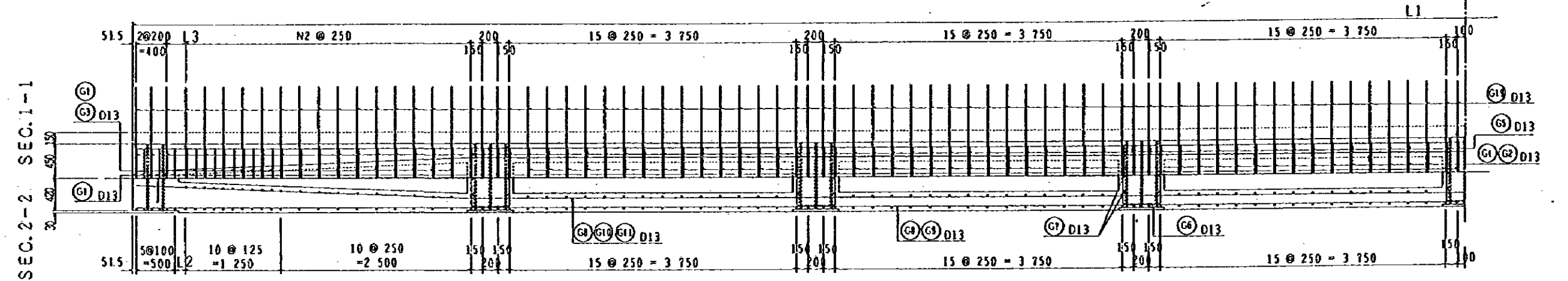
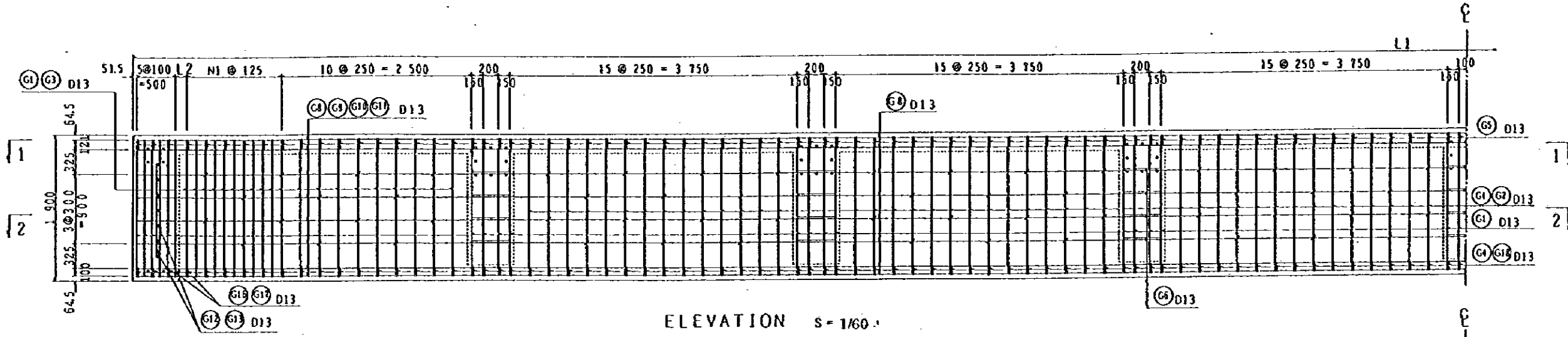


DETAIL OF ANCHORAGE s=1/20, 1/10
FOR CROSS BEAM



GIRDER END SECTION s=1/80 MIDDLE SPAN
DETAIL OF ANCHORAGE s=1/20
FOR MAIN GIRDER
DETAIL OF TENDONS AT A-LINE

RA/12 SOHAR



	L1	N1 @ 125	L2
G1	34 883 ~ 34 879	10 @ 125	88.5 ~ 86.5
G11	35 130 ~ 35 127	11 @ 125	87.0 ~ 85.5

	L1	N2 @ 250	L3
G1	34 883 ~ 34 879	15 @ 250	240.0 ~ 238.0
G11	35 130 ~ 35 127	16 @ 250	113.5 ~ 112.0

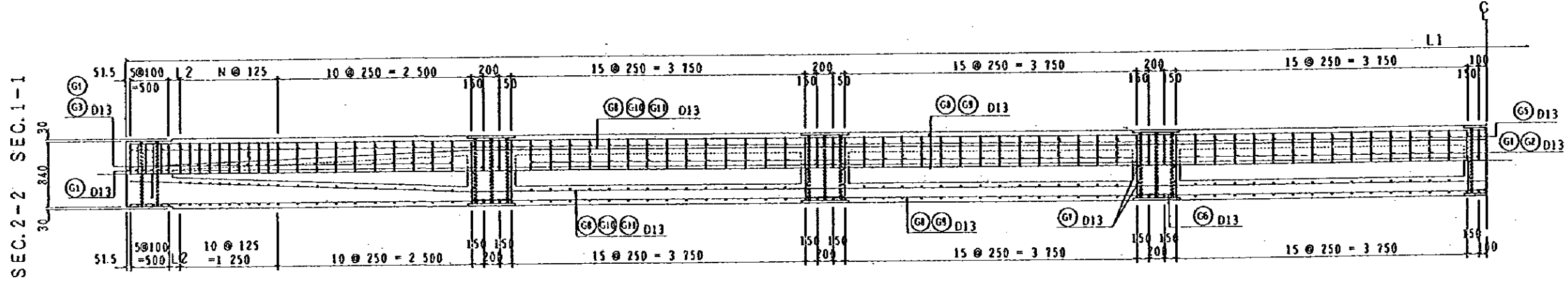
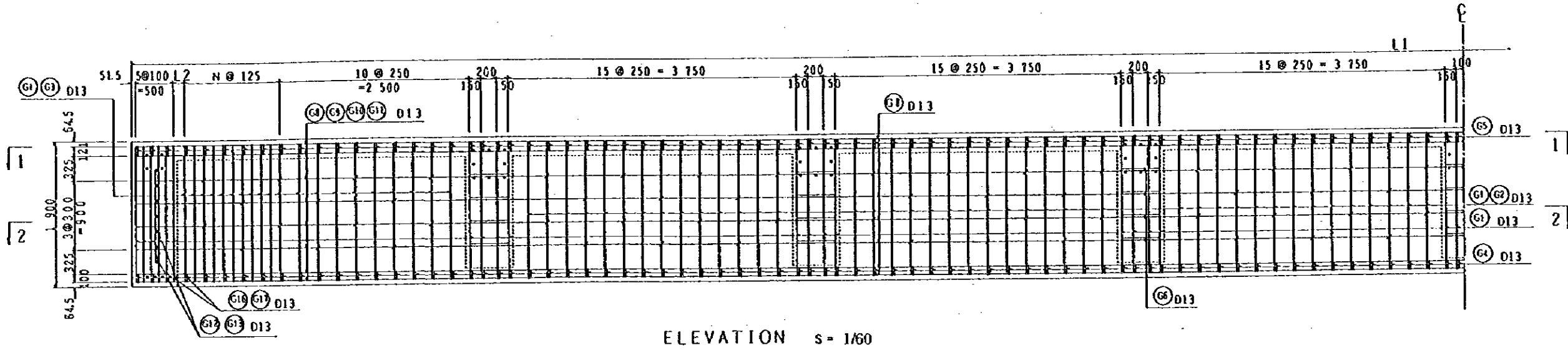
SEE AND CHECK VALUE OF L FOR OTHER EXT.GIRDER LENGTH FROM GENERAL VIEW SHEET

NOTE : TYPICAL SECTION
FOR ALTERNATIVE CONSTRUCTION JOINT, INSERT INSIDE THREADED JOINT TO HANDLE PLANTED VERTICAL BAR

SECTION S=1/40
A-LINE RE-BAR ARRANGEMENT-1 (EXT.GIRDER)

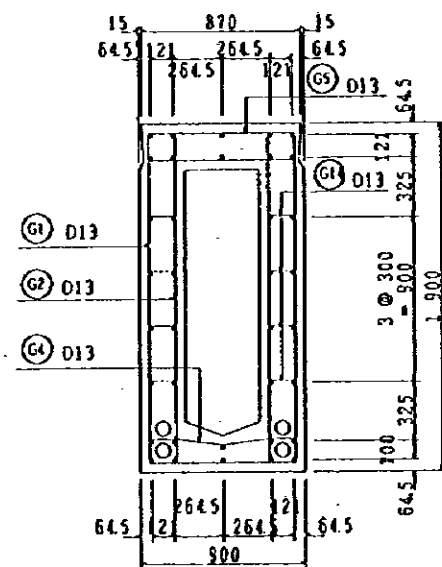
NOTES:	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	CLIENT: MINISTRY OF COMMUNICATIONS, DIRECTORATE GENERAL OF ROADS
	JICA STUDY TEAM PACIFIC CONSULTANTS INTERNATIONAL FUKUYAMA CONSULTANTS INTERNATIONAL	PROJECT: D/D ON ROAD DEVELOPMENT PROJECT ON BATINAH HIGHWAY
		TITLE: RE-BAR ARRANGEMENT(I/2) AT A-LINE
		DATE: _____ DWGNO. B-10

RA/12 SOHAR

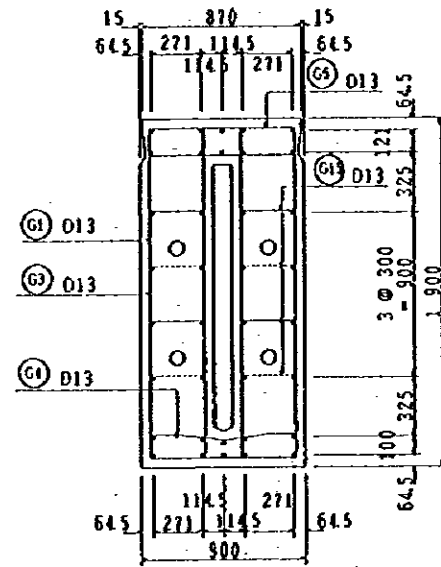


	L1	N1 @ 125	L2
G2 ~ G6	34 904 ~ 35 006	10 @ 125	150.5 ~ 201.5
G7 ~ G10	35 028 ~ 35 105	11 @ 125	87.5 ~ 126.0

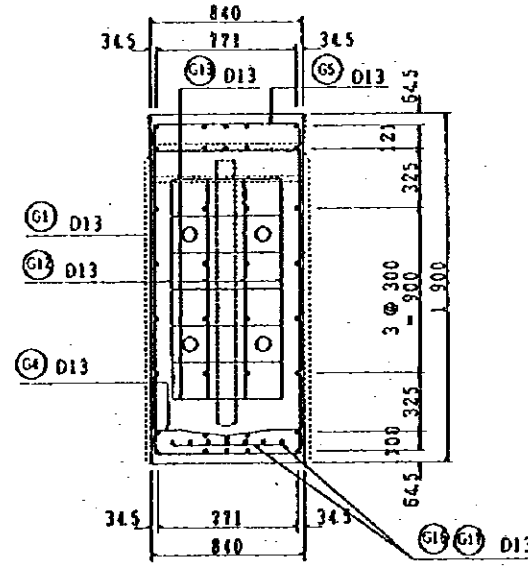
SEE AND CHECK VALUE OF L FOR OTHER INT.GIRDER LENGTH FROM GENERAL VIEW SHEET



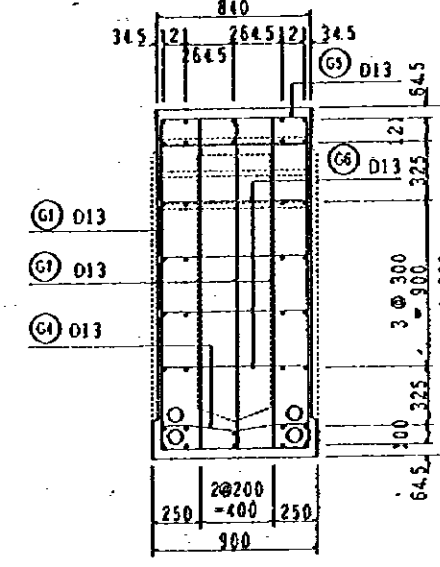
TYPICAL SECTION



AT WEB WIDENED



AT GIRDER END



AT CROSS BEAM

SECTION s=1/40
A-LINE RE-BAR ARRANGEMENT-2 (INT.GIRDER)

NOTES:

JAPAN INTERNATIONAL COOPERATION AGENCY
(JICA)

JICA STUDY TEAM
PACIFIC CONSULTANTS INTERNATIONAL
FUKUYAMA CONSULTANTS INTERNATIONAL

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PROJECT: D/D ON ROAD DEVELOPMENT PROJECT ON BATINAH HIGHWAY

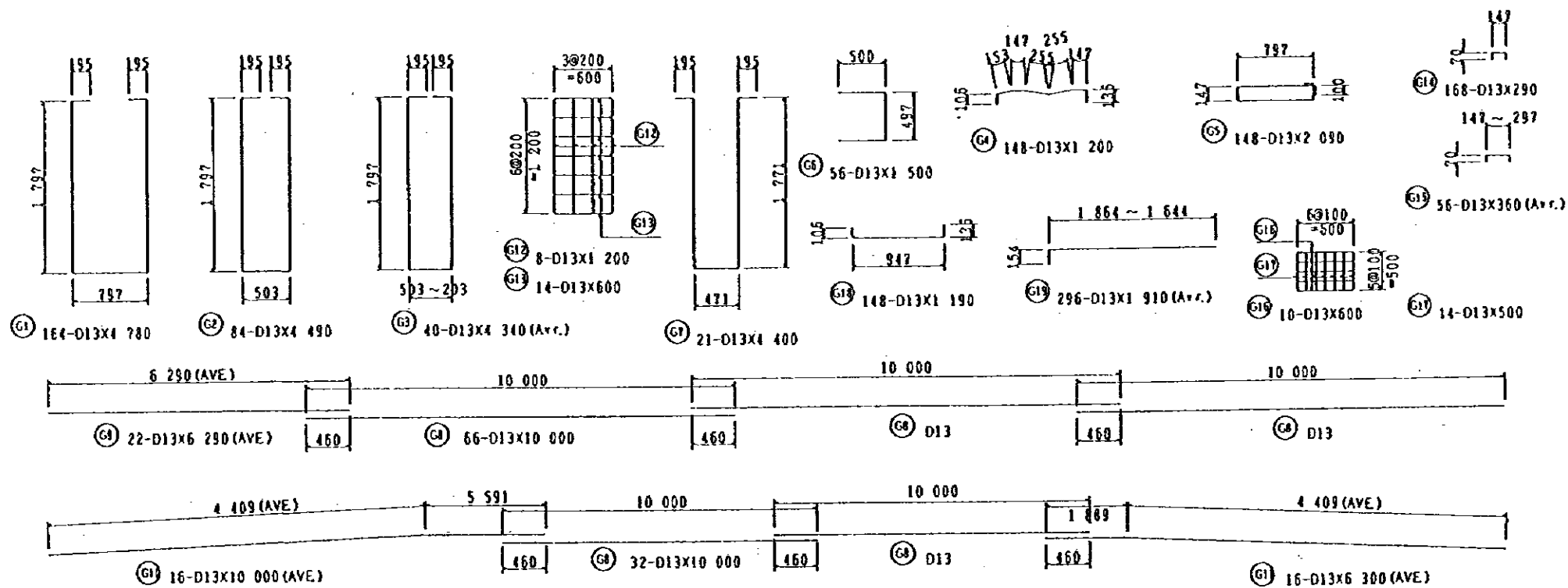
TITLE: RE-BAR ARRANGEMENT(2/2) AT A-LINE

DATE

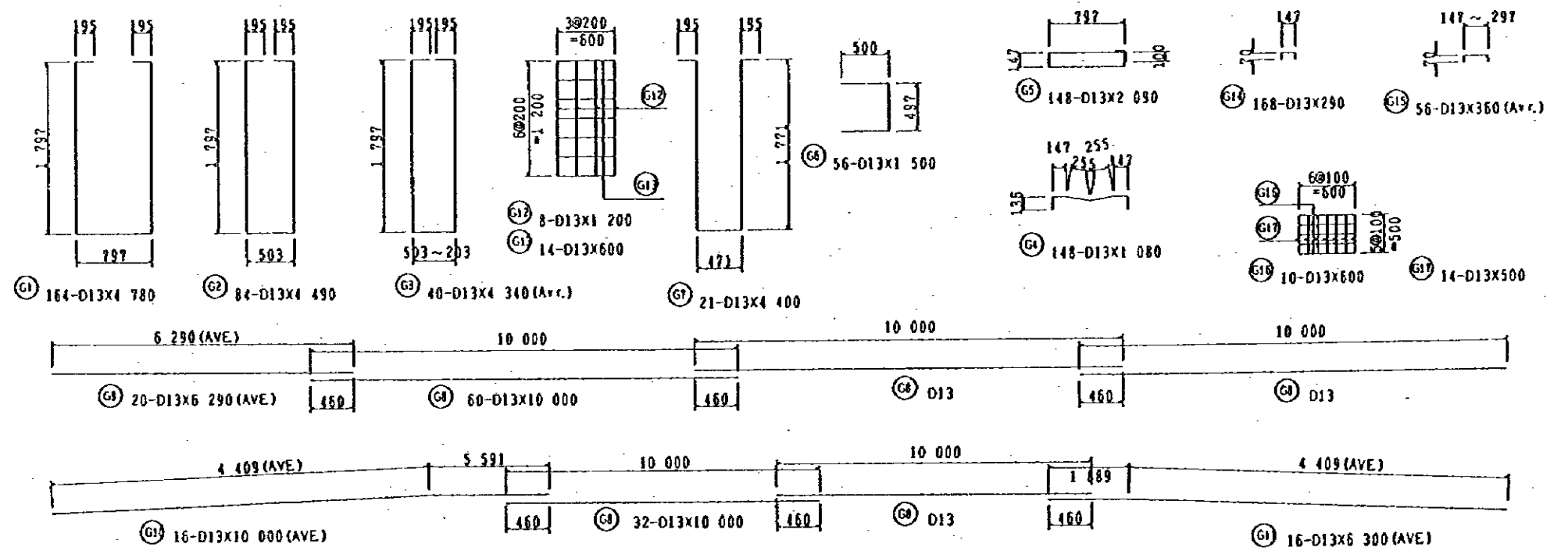
DWGNO.

B-11

RA/12 SOHAR



FOR EXT.GIRDER s= 1/60

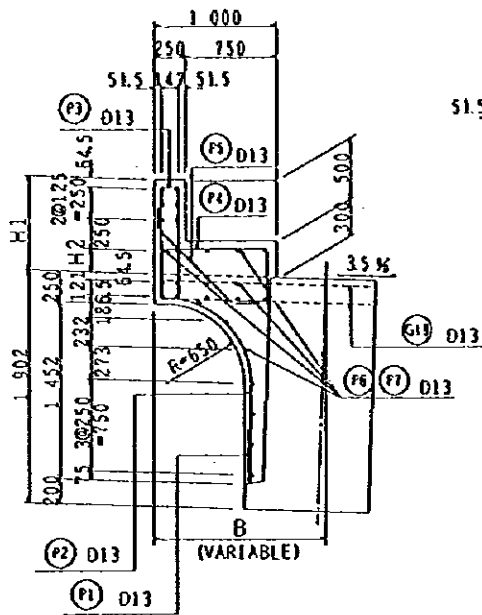


FOR INT.GIRDER s= 1/60

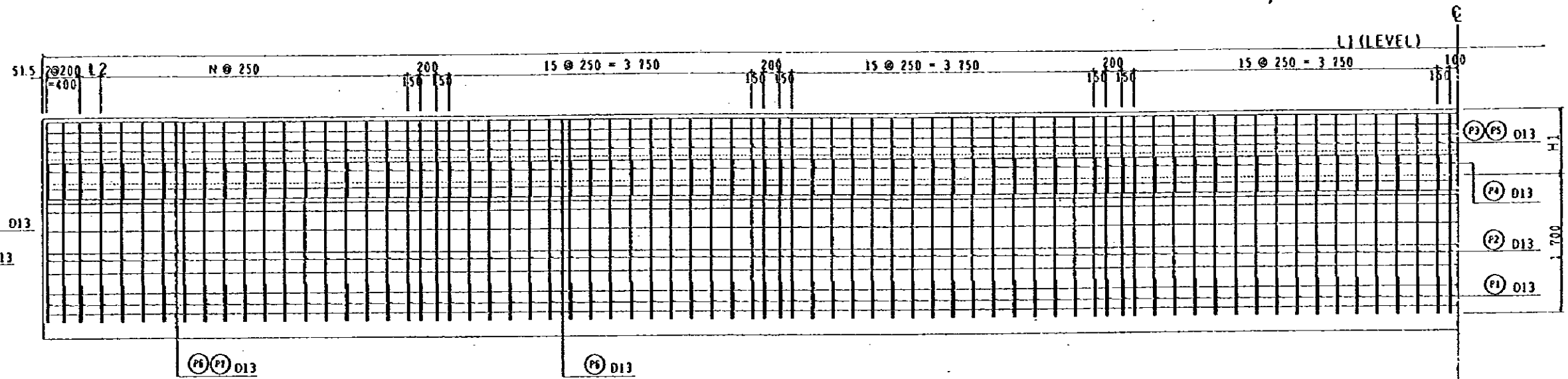
BAR SCHEDULE OF MAIN GIRDER AT A-LINE

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	JICA STUDY TEAM PACIFIC CONSULTANTS INTERNATIONAL FUKUYAMA CONSULTANTS INTERNATIONAL	PROJECT: D/D ON ROAD DEVELOPMENT PROJECT ON BATINAH HIGHWAY
		TITLE: BAR SCHEDULE OF MAIN GIRDER AT A-LINE
		DATE: _____ DWGNO. B-12

RA/12 SOHAR

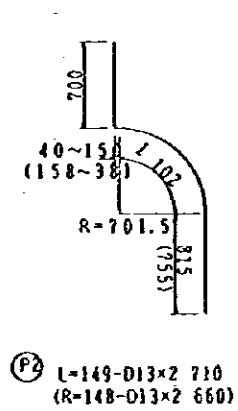


SECTION S-1/60

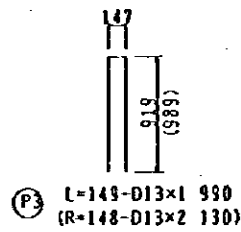


ELEVATION

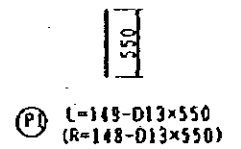
RE-BAR ARRANGEMENT S-1/60



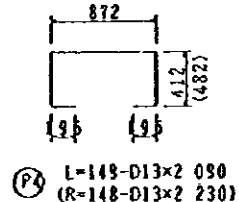
P2 L-149-D13x2 710 (R-148-D13x2 660)



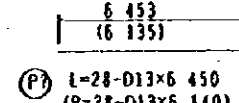
P3 L-149-D13x1 990 (R-148-D13x2 130)



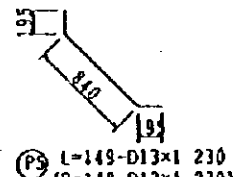
P1 L-149-D13x550 (R-148-D13x550)



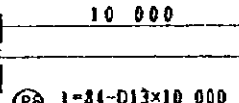
P4 L-149-D13x2 090 (R-148-D13x2 230)



P5 L-28-D13x6 450 (R-28-D13x6 140)

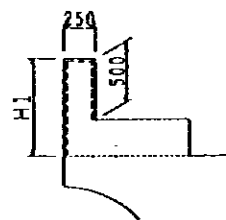


P6 L-149-D13x1 230 (R-148-D13x1 230)

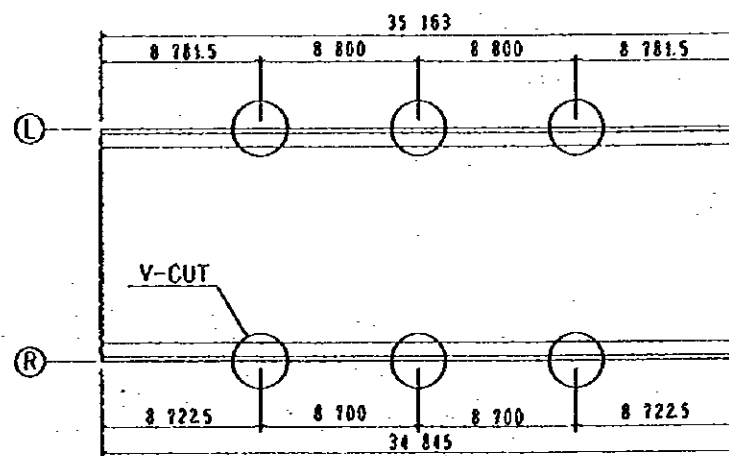
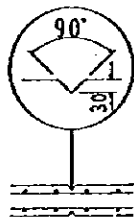


P8 L-84-D13x10 000 (R-84-D13x10 000)

BAR SCHEDULE



DETAIL OF V-CUT S-1/60



	(A1) ~ (A2)	REMARKS
L	L1	35 163 LEVEL
	L2	1300 LEVEL
	N	16 @ 250
	B	1 400 ~ 1 510 VARIABLE
R	H1	765
	H2	2005
	L1	34 845 LEVEL
	L2	121 LEVEL
	N	15 @ 250
	B	1 400 ~ 1 290 VARIABLE
	H1	835
	H2	2210

DIMENSION LIST

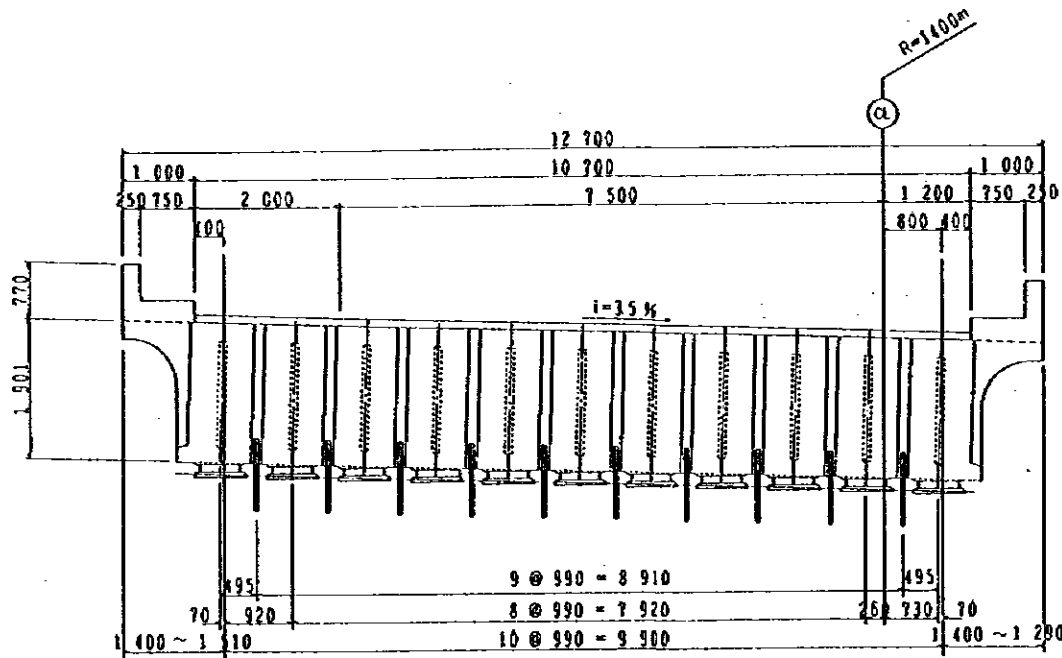
RAILING AND CANTILEVER SLAB AT A-LINE

NOTES:

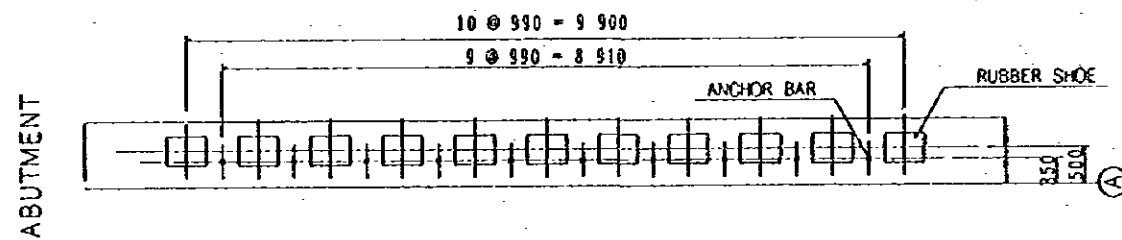
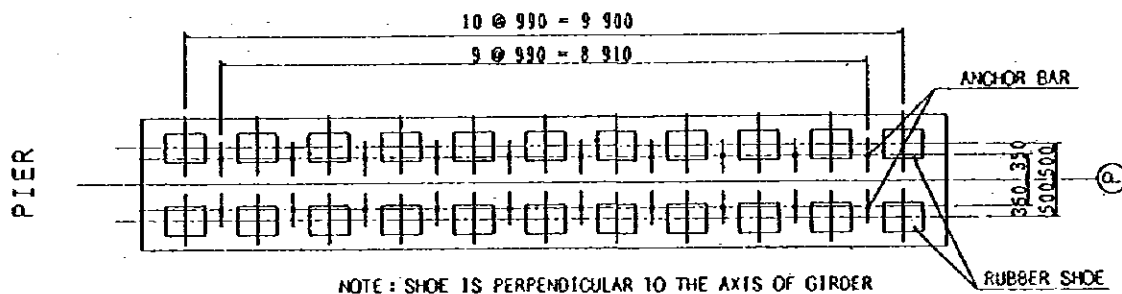
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JICA STUDY TEAM
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FUKUYAMA CONSULTANTS INTERNATIONAL

CLIENT: MINISTRY OF COMMUNICATIONS, DIRECTORATE GENERAL OF ROADS
PROJECT: D/D ON ROAD DEVELOPMENT PROJECT ON BATINAH HIGHWAY
TITLE: RAILING AND CANTILEVER SLAB AT A-LINE
DATE: _____ DWGNO. B-13

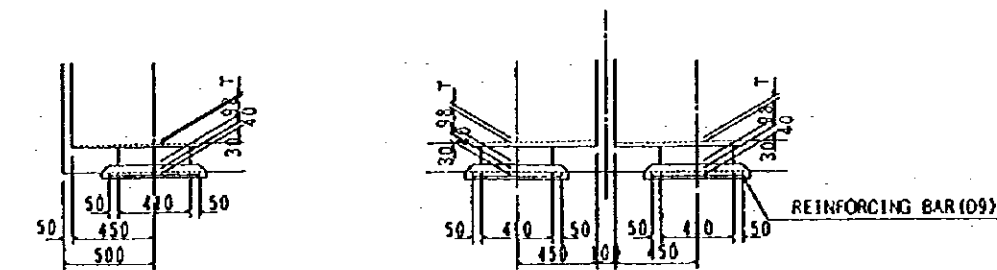
RA/12 SOHAR



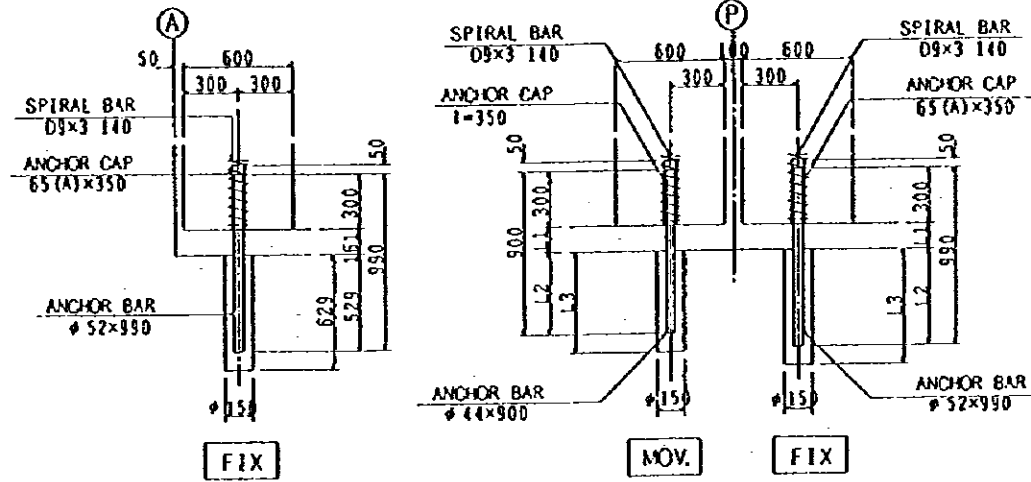
SECTION S-1/100



PLAN S-1/100
DETAIL OF SHOE AND ANCHOR BAR



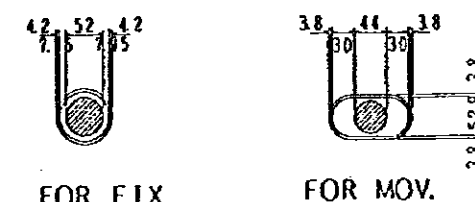
DETAIL OF SHOE S-1/40



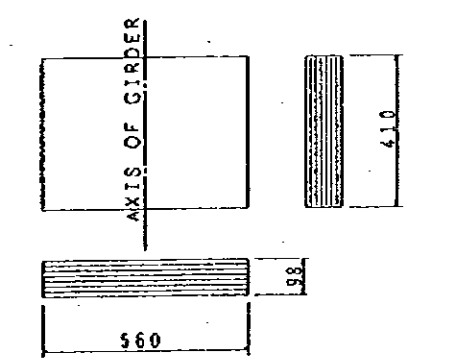
DETAIL OF ANCHOR BAR S-1/40

	T	L1	L2	L3
(A1) ~ (P1) FIX	22	160	530	630
(P8) ~ (A2) MOV.	18	156	444	545
(P1) ~ (P2) FIX	30	168	522	630
(P7) ~ (P8) MOV.	20	158	442	545
(P2) ~ (P3) FIX	29	167	530	630
(P6) ~ (P7) MOV.	21	159	441	545
(P3) ~ (P4) FIX	27	165	525	630
(P5) ~ (P6) MOV.	23	161	439	545
(P4) ~ (P5) FIX	25	163	527	630
(P4) ~ (P5) MOV.	25	163	437	545

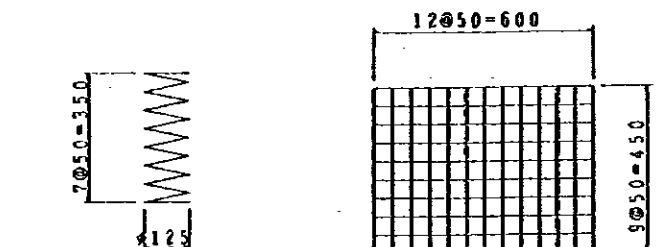
DIMENSION LIST



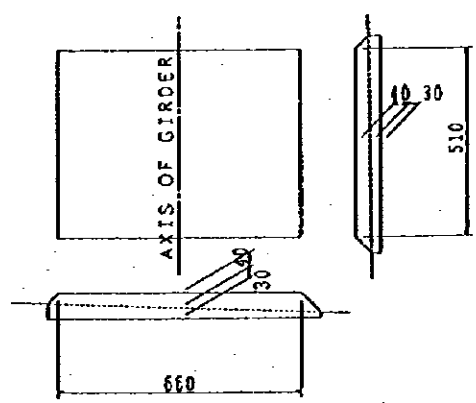
ANCHOR CAP S-1/10



SYNTHETIC RUBBER SHOE S-1/20



SPIRAL BAR (D9) S-1/40
REINFORCING BAR (D9) S-1/40



SHOE BASE S-1/20

(PER SPAN)

	DESCRIPTION	UNIT	QUANTITY	REMARKS
FIX	ANCHOR BAR (GALV.)	kg	165.0	w=16.50 kg/pc.
	ANCHOR CAP (GALV.)	kg	26.2	w= 2.62 kg/pc.
	FILLER	kg	9.5	w=0.95 kg/enc.
	SYNTHETIC RUBBER SHOE	Pcs	11	560x410x98
	REINFORCING BAR	kg	73.0	w=6.64 kg/Set
	SPIRAL BAR	kg	17.6	w=1.76 kg/pc.
MOV.	NON SHRINKAGE MORTAR	m ³	0.308	0.028m ³ /Shoe
	"	m ³	0.100	0.010m ³ /Hole (AVE)
	ANCHOR BAR (GALV.)	kg	107.4	w=10.74 kg/pc.
	ANCHOR CAP (GALV.)	kg	29.3	w= 2.93 kg/pc.
	FILLER	kg	18.9	w=1.89 kg/enc.
	SYNTHETIC RUBBER SHOE	Pcs	11	560x410x98
MOV.	REINFORCING BAR	kg	73.0	w=6.64 kg/Set
	SPIRAL BAR	kg	17.6	w=1.76 kg/pc.
	NON SHRINKAGE MORTAR	m ³	0.308	0.028m ³ /Shoe
	"	m ³	0.100	0.010m ³ /Hole (AVE)

MATERIAL LIST

DETAIL OF SHOE AND ANCHOR BAR AT A-LINE

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		TITLE: DETAIL OF SHOE AND ANCHOR BAR AT A-LINE
		DATE: _____ DWGNO. B-14