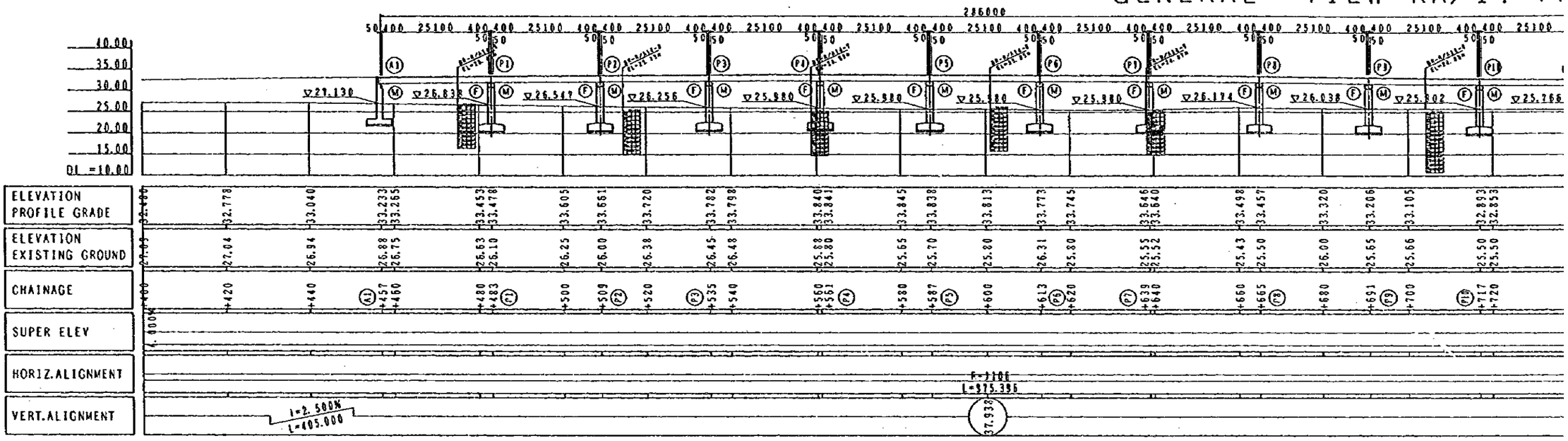
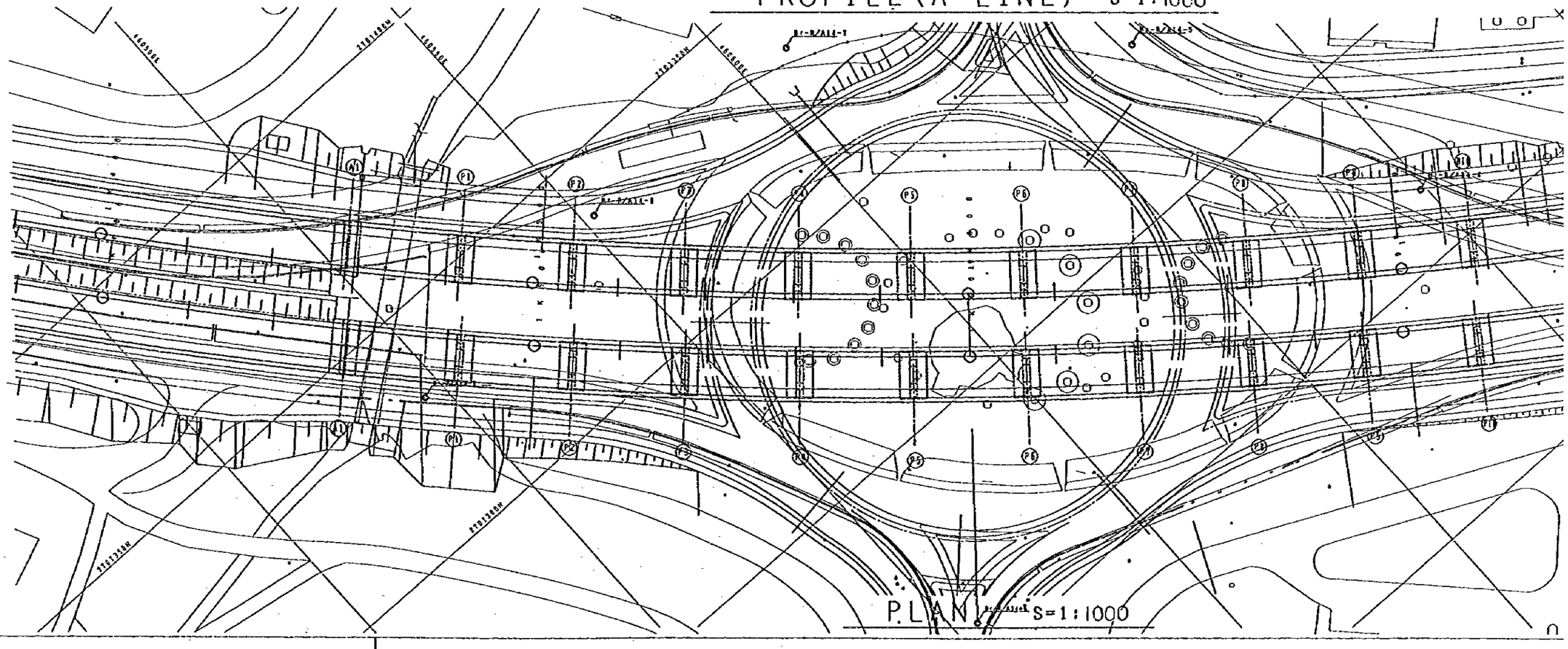
STRUCTURE
-BRIDGE

GENERAL VIEW RA/14 F/

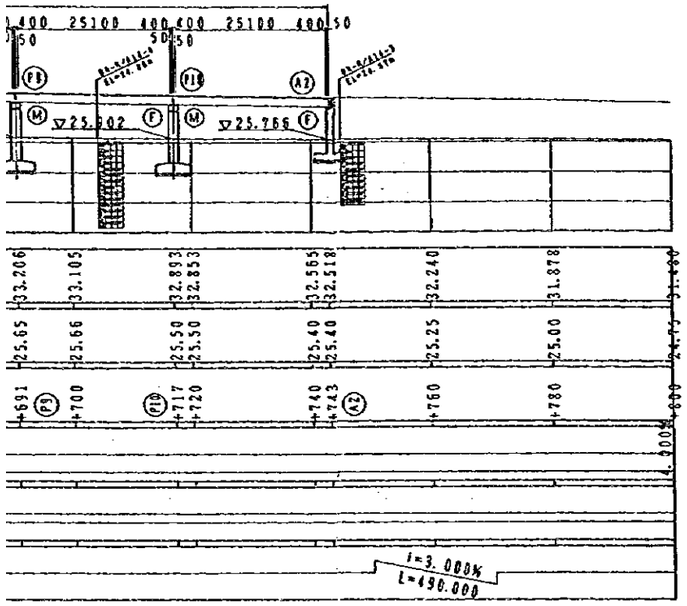


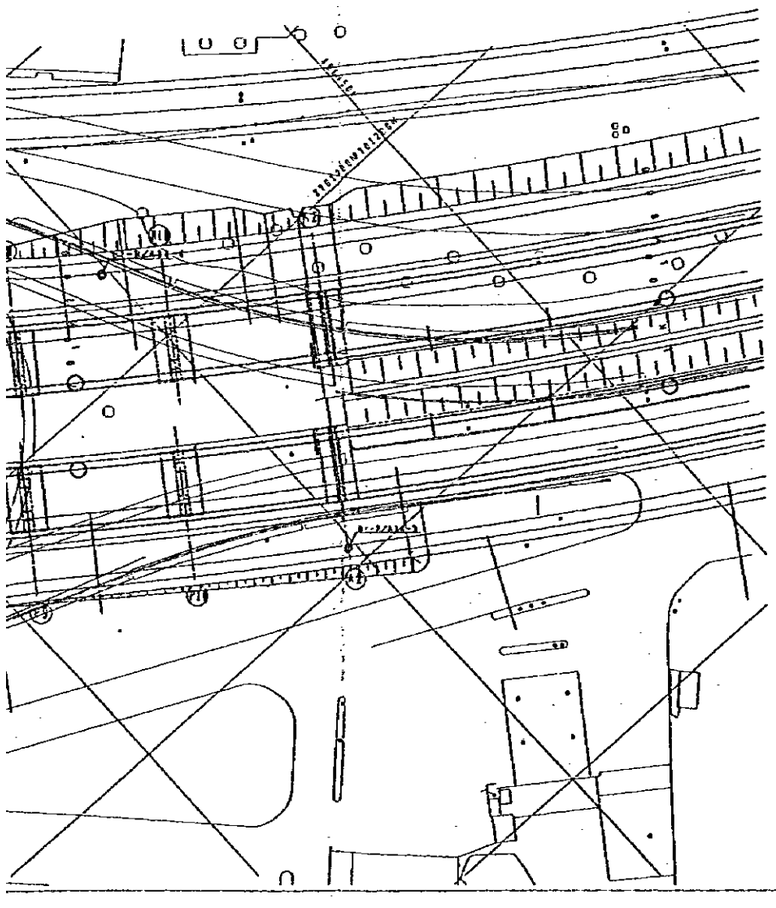
PROFILE (A-LINE) S=1:1000

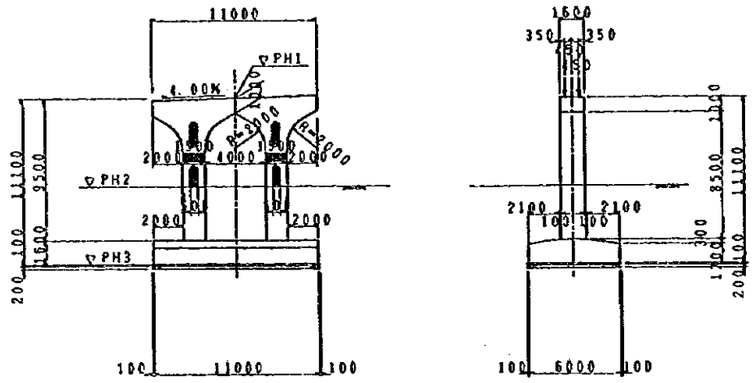


NOTES:

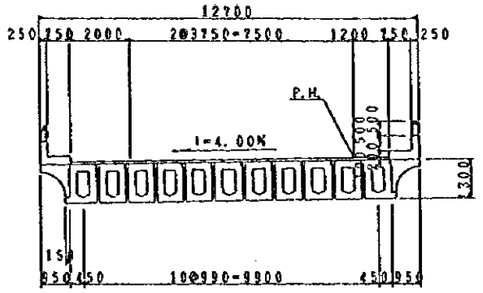
W RA/14 FALAJ AL QABAIL (A-LINE)



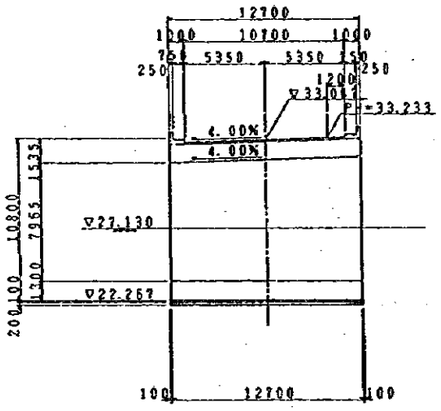


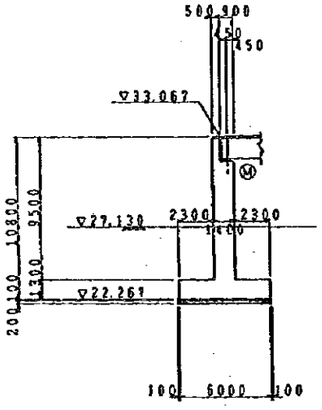


SECTION OF PIERS S=1/400

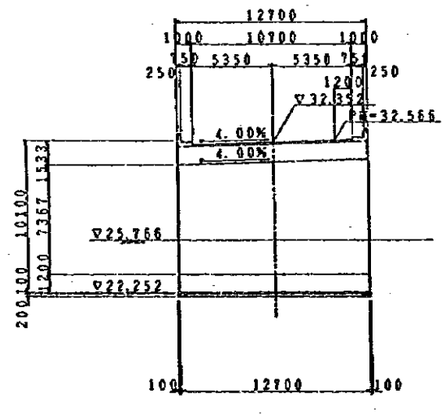


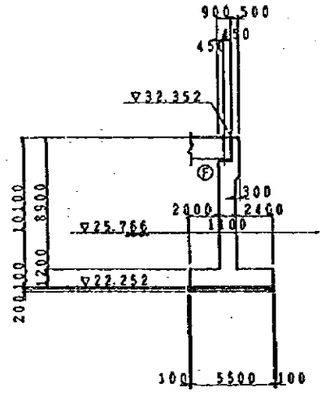
SECTION OF PC BOX GIRDER S=1:200





SECTION OF A1 ABUTMENT S=1/400





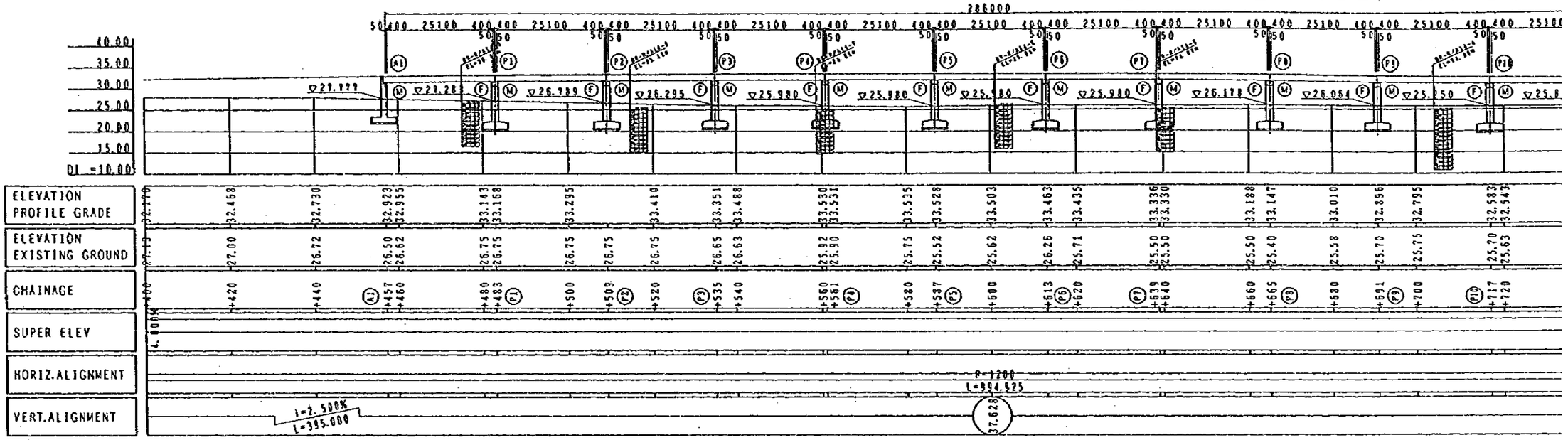
SECTION OF A2 ABUTMENT S=1/400

LIST OF PIER ELEVATION

	PH1	PH2	PH3
P1	31.762	26.838	20.662
P2	31.945	26.547	20.845
P3	32.066	26.256	20.966
P4	32.125	25.980	21.025
P5	32.122	25.980	21.022
P6	32.051	25.980	20.951
P7	31.930	25.980	20.830
P8	31.741	26.174	20.641
P9	31.490	26.038	20.390
P10	31.177	25.902	20.077

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	CLIENT: MINISTRY OF COMMUNICATIONS, DIRECTORATE GENERAL OF ROADS
	PROJECT: D/D ON ROAD DEVELOPMENT PROJECT ON BATINAH HIGHWAY
JICA STUDY TEAM PACIFIC CONSULTANTS INTERNATIONAL FUKUYAMA CONSULTANTS INTERNATIONAL	TITLE: GENERAL VIEW RA/14 FALAJ AL QABAIL (A-LINE)
	DATE / DWGNO. B-1

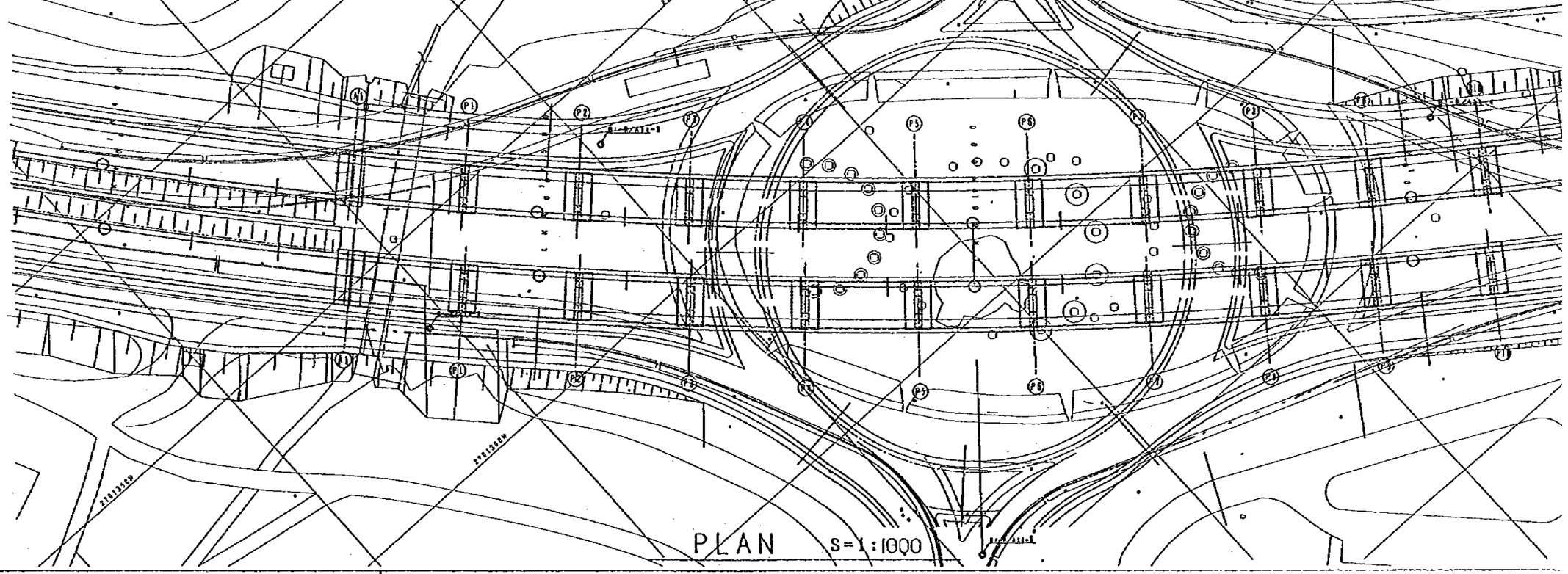
GENERAL VIEW RA/14 F



PROFILE (B-LINE) S=1:1000

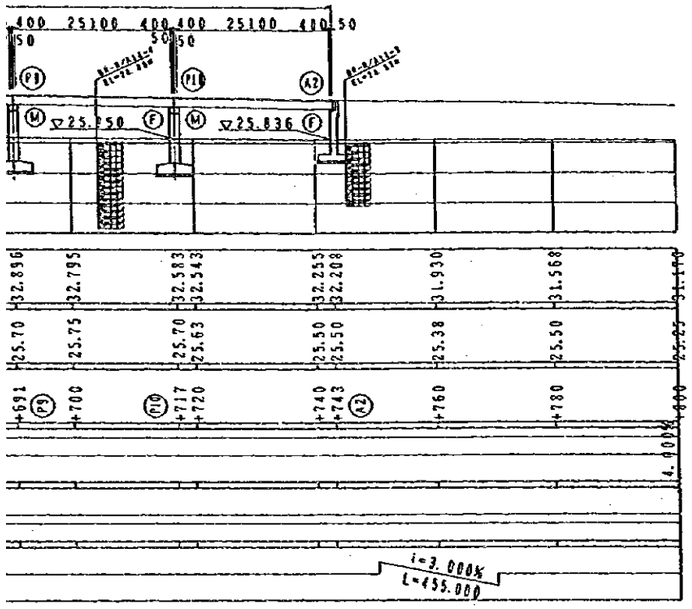
A-LINE

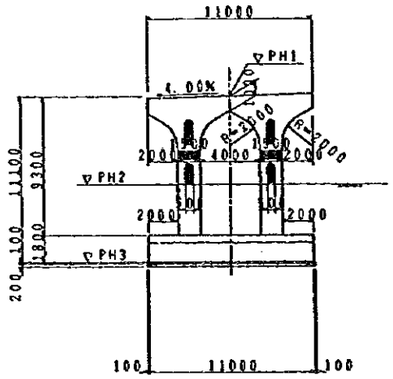
B-LINE

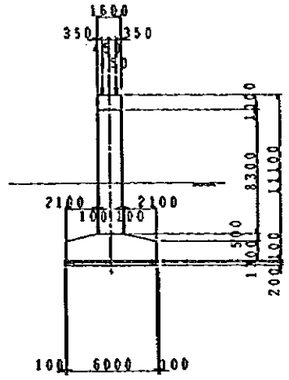


NOTES:

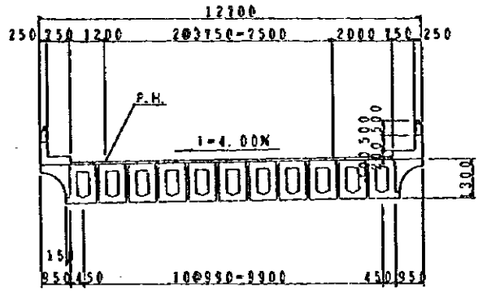
W RA/14 FALAJ AL QABAIL (B-LINE)



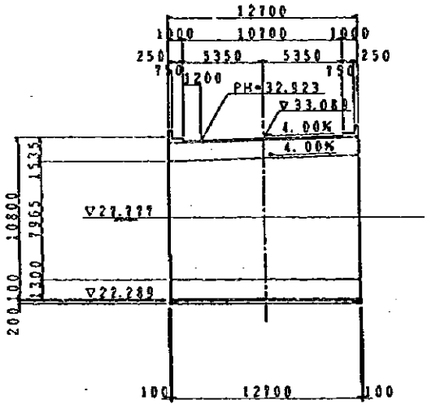


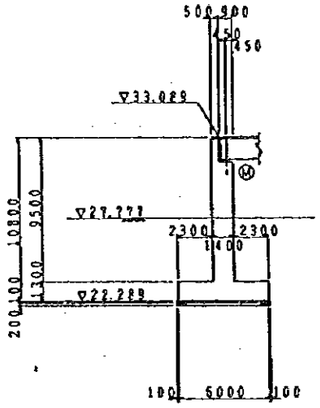


SECTION OF PIERS S=1/400

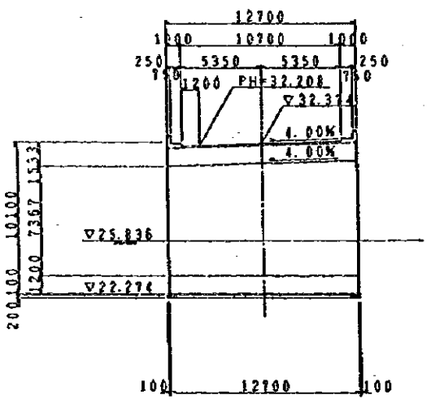


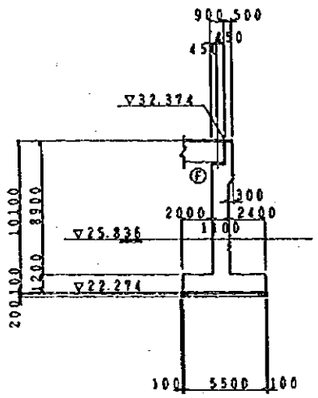
SECTION OF PC BOX GIRDER S=1:200





SECTION OF A1 ABUTMENT S=1/400



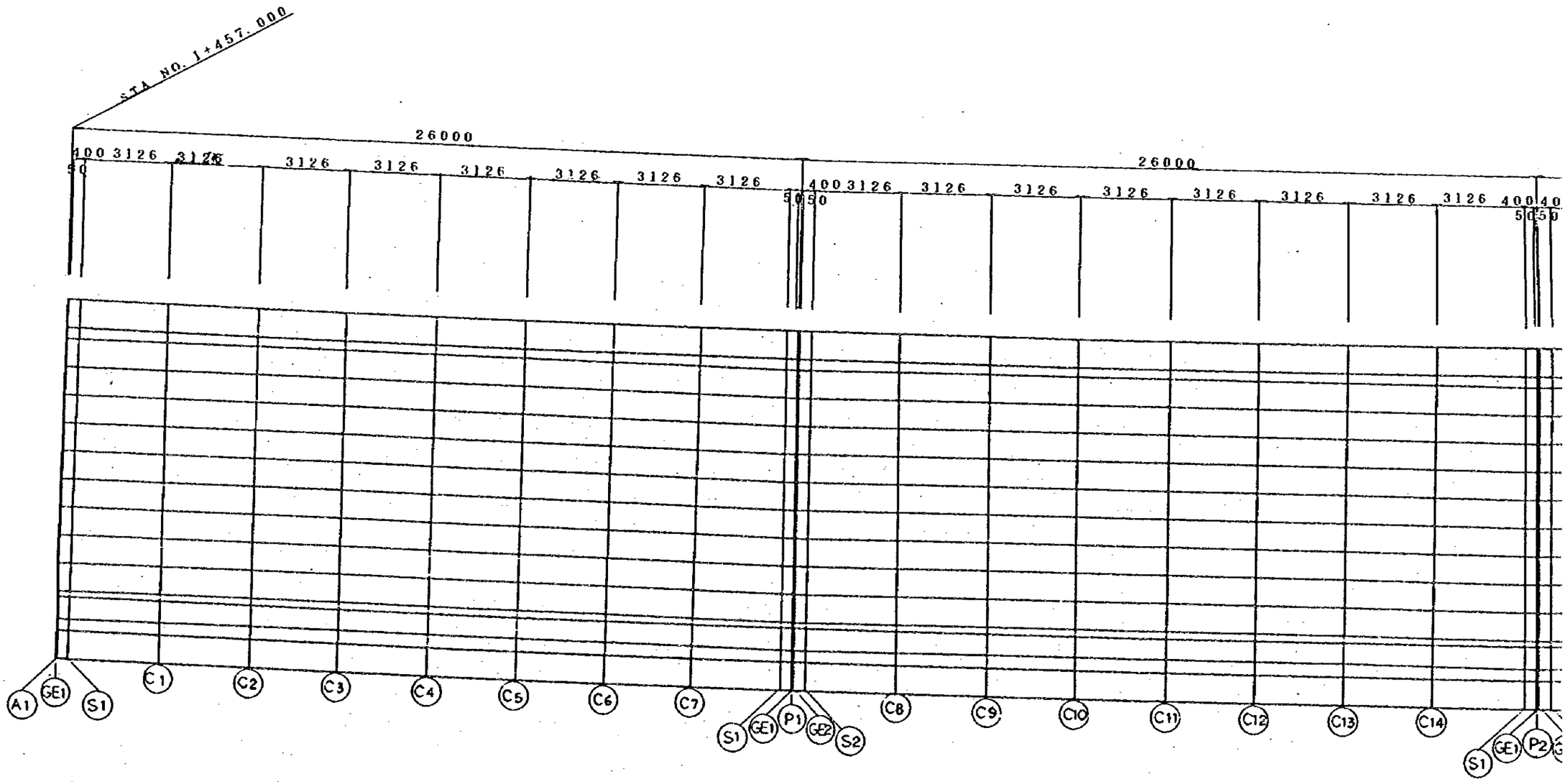


SECTION OF A2 ABUTMENT S=1/400

LIST OF PIER ELEVATION

	PH1	PH2	PH3
P1	31.785	27.263	20.685
P2	31.967	26.789	20.867
P3	32.088	26.295	20.988
P4	32.147	25.980	21.047
P5	32.144	25.980	21.044
P6	32.079	25.980	20.979
P7	31.952	25.980	20.852
P8	31.763	26.178	20.663
P9	31.512	26.064	20.412
P10	31.189	25.950	20.099

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	CLIENT : MINISTRY OF COMMUNICATIONS, DIRECTORATE GENERAL OF ROADS
	PROJECT: D/D ON ROAD DEVELOPMENT PROJECT ON BATINAH HIGHWAY
JICA STUDY TEAM PACIFIC CONSULTANTS INTERNATIONAL FUKUYAMA CONSULTANTS INTERNATIONAL	TITLE GENERAL VIEW RA/14 FALAJ AL QABAIL (B-LINE)
	DATE DWG NO. B-2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C7
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GE1
P1
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C8
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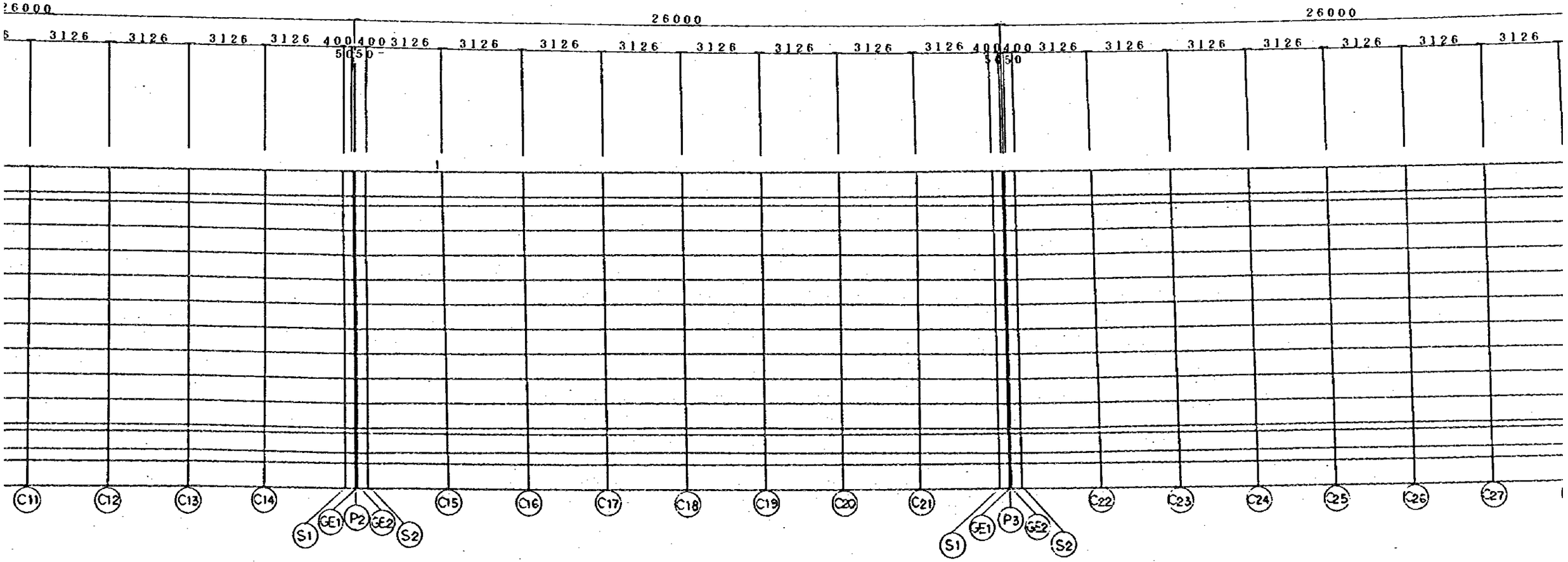
C10
C11
C12
C13
C14
S1
GE1
P2

NOTES: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C21
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C23
C24
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C26
C27
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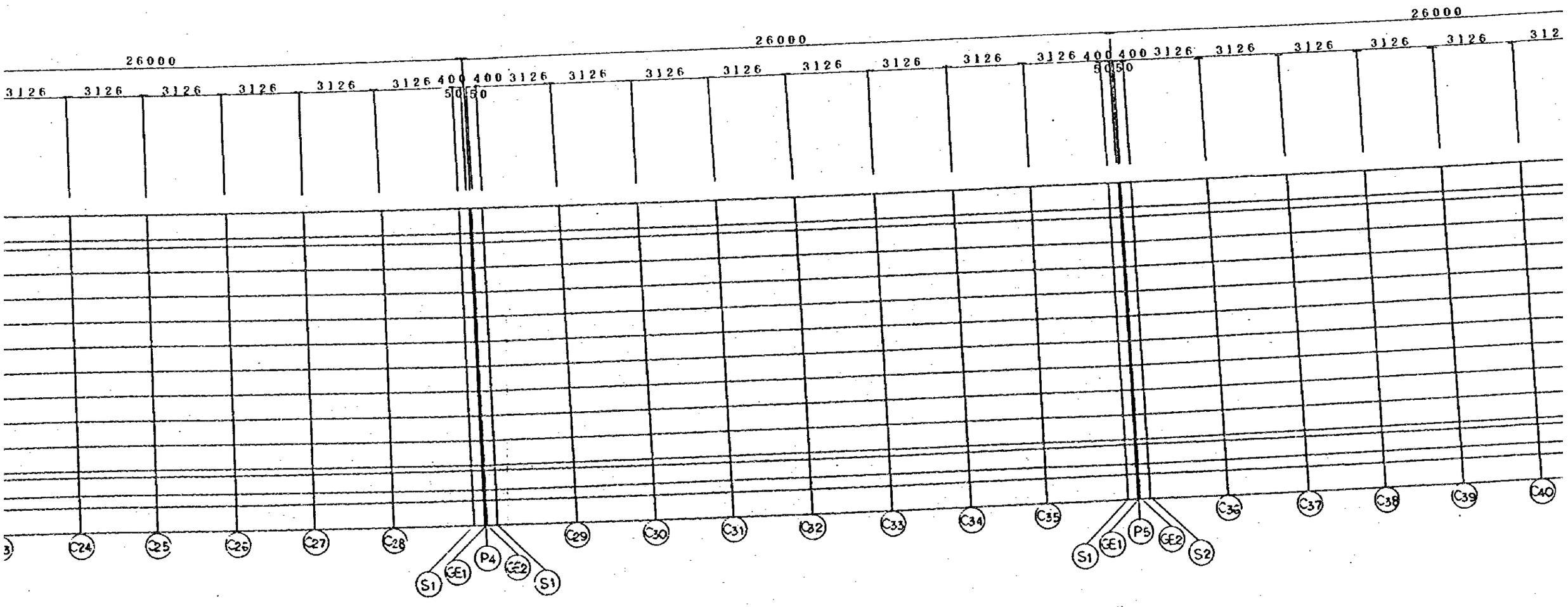
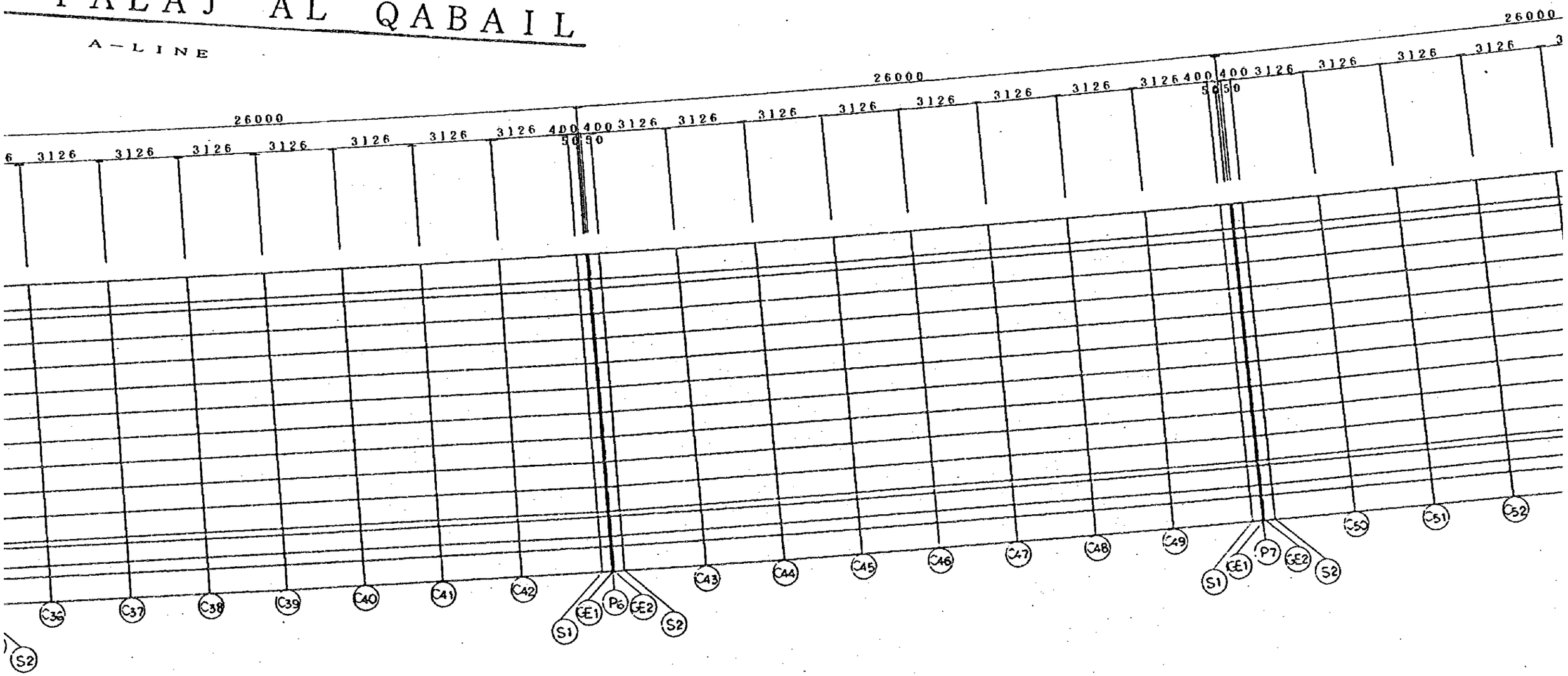
RA/14-FALAJ AL (

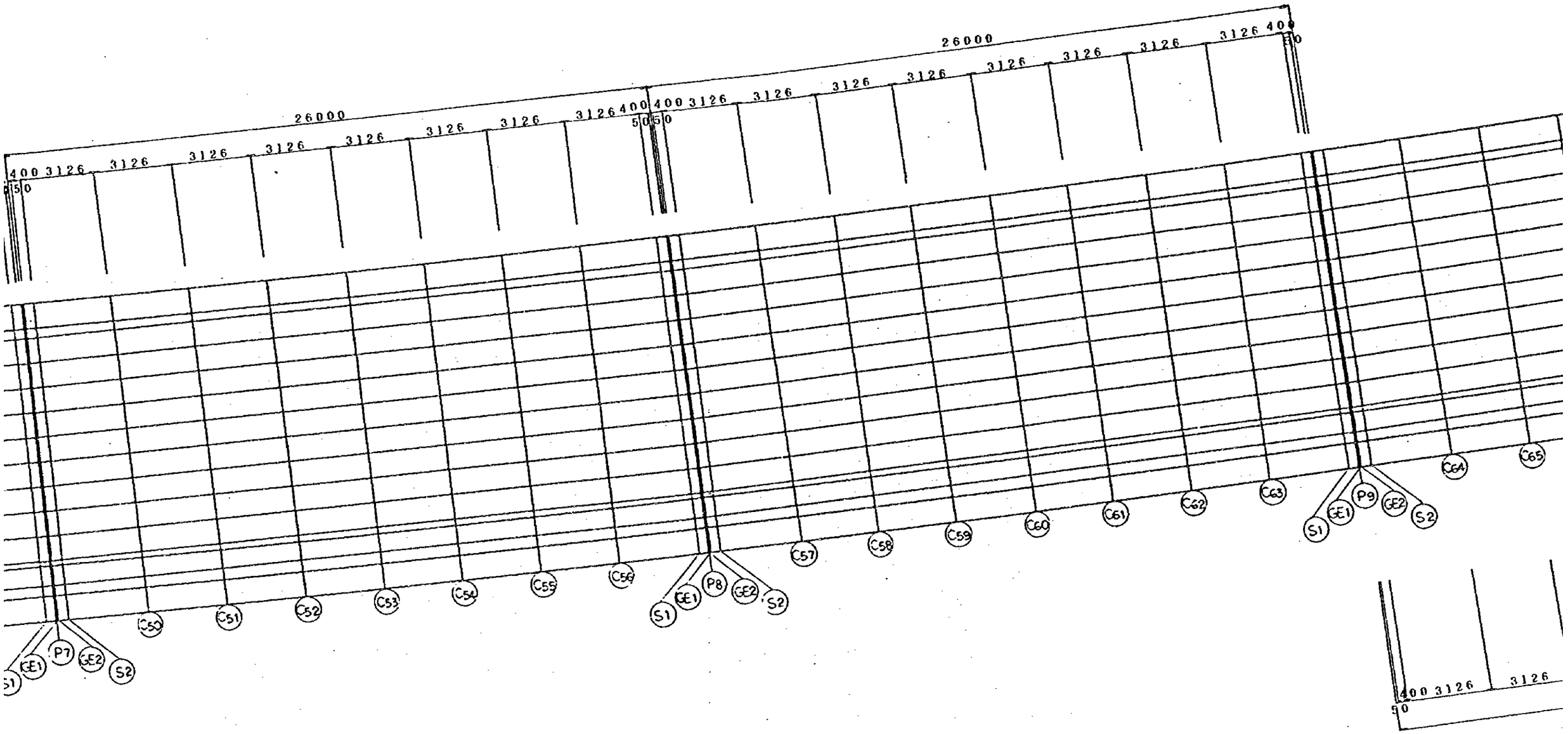
A-LINE



— FALAJ AL QABAIL

A — LINE

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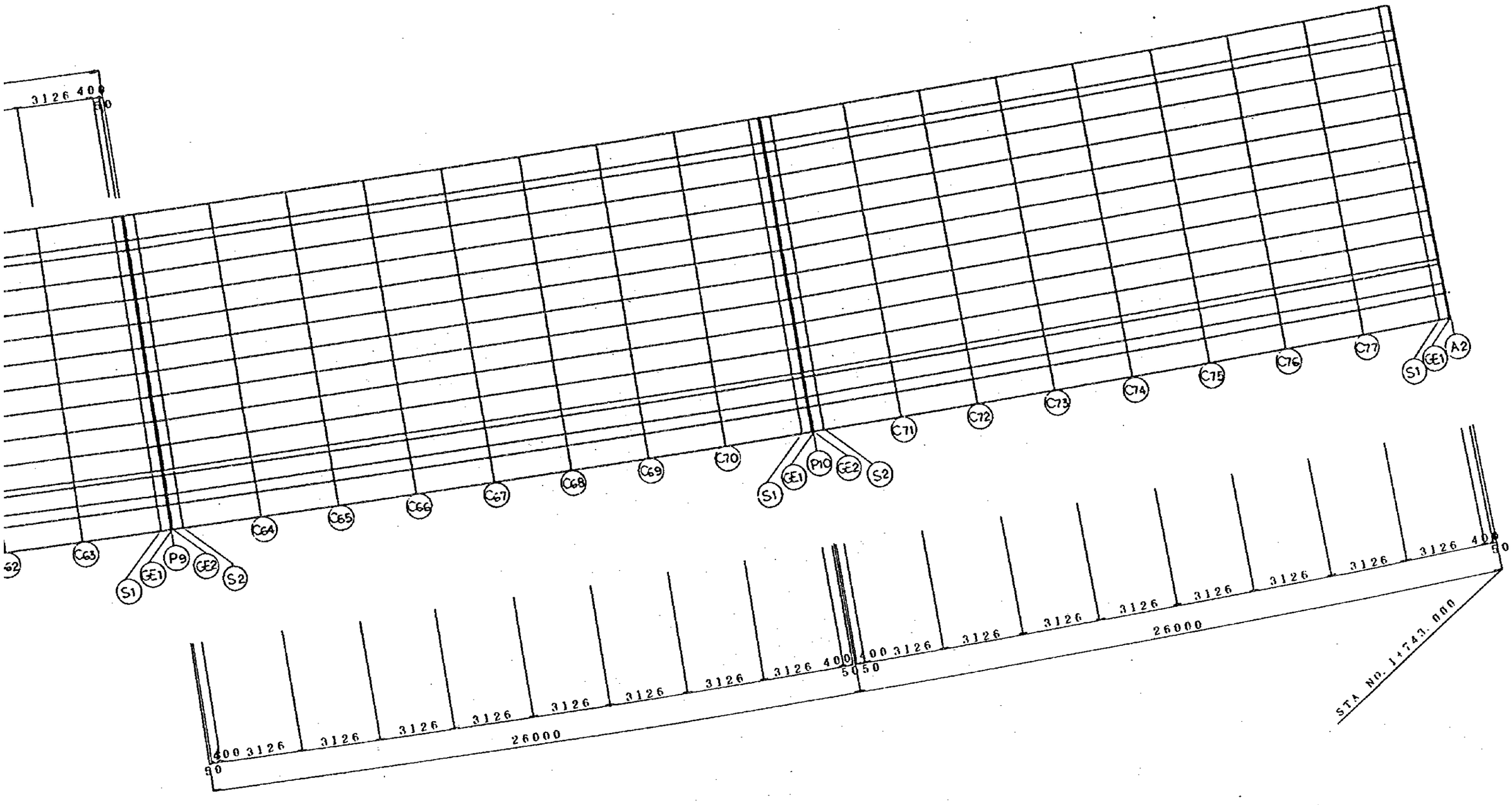

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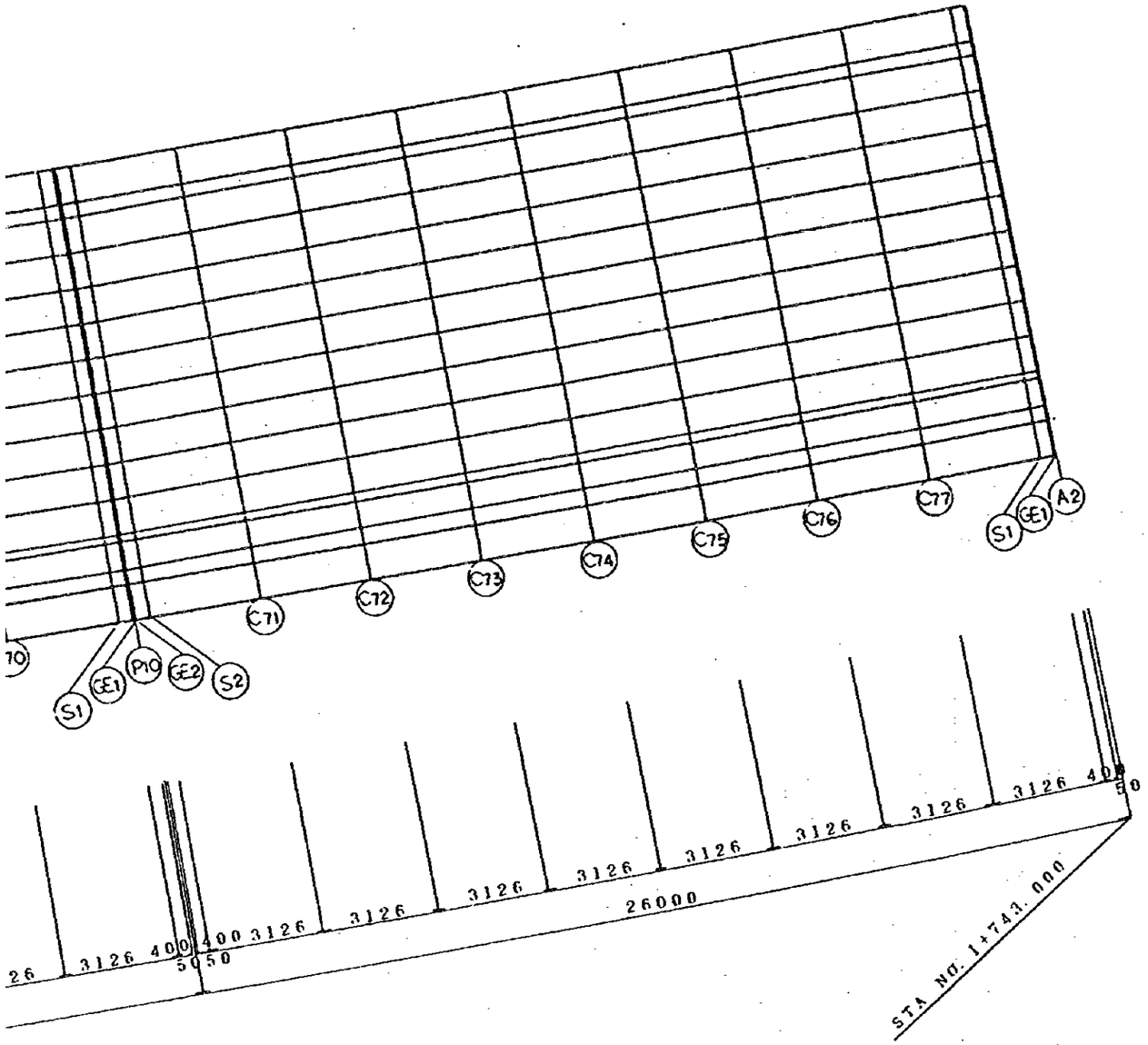
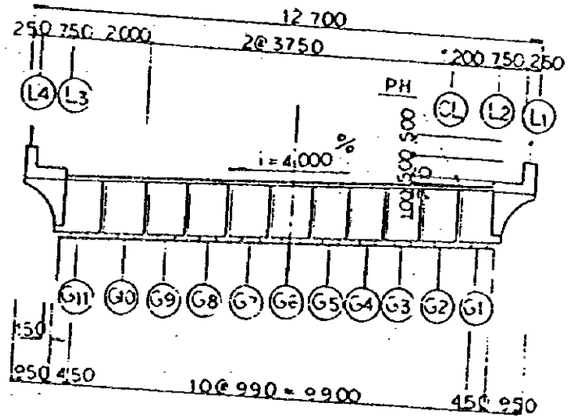
FUKUYAMA C



A – L I N E



	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/14 AT A-LINE DATE . DWGNO. B-3

FALAJ AL QABAIL(A)

SECTION		A1	A1-GE1	A1-S1	C4	P1-S1	P1-GE1	P1	P1-GE2	P1-S2	C11	P2-S1	P2--GE1	P2	P2
STATION		1 + 457.0000	1 + 457.0500	1 + 457.4500	1 + 470.0000	1 + 482.5500	1 + 482.9500	1 + 483.0000	1 + 483.0500	1 + 483.4500	1 + 496.0000	1 + 508.5500	1 + 508.9500	1 + 509.0000	1 +
L4	X	0.764	0.8137	1.2108	13.5635	25.9307	26.3287	26.3785	26.4282	26.8263	39.2073	51.6	51.9988	52.0486	
	Y	6.3039	6.2979	6.2498	4.8237	3.5284	3.4889	3.484	3.479	3.4397	2.2848	1.261	1.2302	1.2264	
	Z	32.7133	32.7138	32.7181	32.8434	32.9543	32.9577	32.9581	32.9585	32.9618	33.0573	33.1383	33.1407	33.141	
L3	X	0.6437	0.6933	1.0904	13.4541	25.8322	26.2302	26.28	26.3297	26.7278	39.1197	51.5233	51.9221	51.9719	
	Y	5.3111	5.3051	5.2571	3.8297	2.5332	2.4938	2.4888	2.4839	2.4446	1.2887	0.2639	0.2332	0.2293	
	Z	32.8533	32.8538	32.8581	32.9834	33.0943	33.0977	33.0981	33.0985	33.1018	33.1973	33.2783	33.2807	33.281	
G6(PIER CENTER)	X	0	0.0497	0.4473	12.8764	25.3055	25.7031	25.7528	25.8027	26.2011	38.6572	51.1134	51.5119	51.5617	
	Y	0	-0.0055	-0.0492	-1.4176	-2.7859	-2.8297	-2.8351	-2.8395	-2.8746	-3.97	-5.0655	-5.1005	-5.1049	
	Z	33.0673	33.0678	33.0718	33.1946	33.3082	33.3117	33.3121	33.3125	33.3156	33.4084	33.4921	33.4946	33.495	
CL	X	-0.4994	-0.4497	-0.0526	12.4145	24.8962	25.2942	25.344	25.3937	25.7918	38.2875	50.7948	51.1936	51.2435	
	Y	-4.1198	-4.1259	-4.1739	-5.6132	-6.9205	-6.96	-6.965	-6.9699	-7.0092	-8.1748	-9.2081	-9.2389	-9.2427	
	Z	33.2333	33.2338	33.238	33.3634	33.4744	33.4777	33.4781	33.4785	33.4818	33.5773	33.6583	33.6607	33.661	
L2	X	-0.6438	-0.5941	-0.197	12.2832	24.7779	25.176	25.2257	25.2755	25.6736	38.1823	50.7028	51.1016	51.1515	
	Y	-5.3111	-5.3171	-5.3652	-6.806	-8.1147	-8.1542	-8.1591	-8.164	-8.2034	-9.3702	-10.4046	-10.4353	-10.4392	
	Z	33.2813	33.2818	33.286	33.4114	33.5224	33.5257	33.5261	33.5265	33.5298	33.6253	33.7063	33.7087	33.709	
L1	X	-0.7641	-0.7144	-0.3173	12.1737	24.6794	25.0775	25.1272	25.177	25.575	38.0947	50.6261	51.0249	51.0748	
	Y	-6.3039	-6.3099	-6.3579	-7.8	-9.1098	-9.1493	-9.1542	-9.1592	-9.1985	-10.3664	-11.4016	-11.4324	-11.4362	
	Z	33.2213	33.2218	33.226	33.3514	33.4624	33.4657	33.4661	33.4665	33.4698	33.5653	33.6463	33.6487	33.649	

NOTES:

-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-GE2	P4-S2	C32	
3.4500	1 + 496.0000	1 + 508.5500	1 + 508.9500	1 + 509.0000	1 + 509.0500	1 + 509.4500	1 + 522.0000	1 + 534.5500	1 + 534.9500	1 + 535.0000	1 + 535.0500	1 + 535.4500	1 + 548.0000	1 + 560.5500	1 + 560.9500	1 + 561.0000	1 + 561.0500	1 + 561.4500	1 + 574.0000	1 +
6.8263	39.2073	51.6	51.9988	52.0486	52.0985	52.4973	64.9007	77.3128	77.7122	77.7621	77.812	78.2114	90.6312	103.0568	103.4566	103.5065	103.5565	103.9563	116.3865	
3.4397	2.2848	1.261	1.2302	1.2264	1.2226	1.192	0.3088	-0.443	-0.465	-0.4677	-0.4705	-0.4923	-1.1032	-1.5827	-1.596	-1.5976	-1.5993	-1.6123	-1.9508	
2.9618	33.0573	33.1383	33.1407	33.141	33.1412	33.1436	33.2091	33.2603	33.2617	33.2619	33.262	33.2634	33.2991	33.3203	33.3207	33.3208	33.3208	33.3213	33.327	
6.7278	39.1197	51.5233	51.9221	51.9719	52.0218	52.4206	64.8349	77.258	77.6574	77.7073	77.7572	78.1566	90.5873	103.0239	103.4237	103.4736	103.5236	103.9234	116.3645	
2.4446	1.2887	0.2639	0.2332	0.2293	0.2255	0.1949	-0.689	-1.4415	-1.4635	-1.4662	-1.469	-1.4908	-2.1023	-2.5822	-2.5954	-2.5971	-2.5987	-2.6118	-2.9505	
3.1018	33.1973	33.2783	33.2807	33.281	33.2812	33.2836	33.3491	33.4003	33.4017	33.4019	33.402	33.4034	33.4391	33.4603	33.4607	33.4608	33.4608	33.4613	33.467	
6.2011	38.6572	51.1134	51.5119	51.5617	51.6116	52.0108	64.4879	76.9651	77.3642	77.4141	77.4641	77.8637	90.3559	102.8481	103.2477	103.2977	103.3477	103.7476	116.2488	
2.8746	-3.97	-5.0655	-5.1005	-5.1049	-5.1082	-5.1345	-5.9565	-6.7786	-6.8049	-6.8082	-6.8104	-6.8279	-7.3762	-7.9244	-7.942	-7.9442	-7.9453	-7.954	-8.2282	
3.3156	33.4084	33.4921	33.4946	33.495	33.4952	33.4974	33.5603	33.6141	33.6157	33.6159	33.616	33.6172	33.6502	33.6741	33.6747	33.6748	33.6748	33.6751	33.6782	
5.7918	38.2875	50.7948	51.1936	51.2435	51.2933	51.6922	64.2104	76.7374	77.1368	77.1867	77.2366	77.636	90.1708	102.7114	103.1112	103.1612	103.2112	103.611	116.1562	
7.0092	-8.1748	-9.2081	-9.2389	-9.2427	-9.2465	-9.2771	-10.1684	-10.9272	-10.9492	-10.952	-10.9547	-10.9765	-11.5931	-12.077	-12.0903	-12.0919	-12.0936	-12.1066	-12.4482	
3.4818	33.5773	33.6583	33.6607	33.661	33.6612	33.6636	33.7291	33.7803	33.7817	33.7819	33.782	33.7834	33.8191	33.8403	33.8407	33.8408	33.8408	33.8413	33.847	
5.6736	38.1823	50.7028	51.1016	51.1515	51.2013	51.6002	64.1315	76.6716	77.071	77.121	77.1709	77.5703	90.1182	102.672	103.0718	103.1217	103.1717	103.5715	116.1299	
8.2034	-9.3702	-10.4046	-10.4353	-10.4392	-10.443	-10.4736	-11.3658	-12.1254	-12.1474	-12.1502	-12.1529	-12.1747	-12.792	-13.2764	-13.2896	-13.2913	-13.2929	-13.306	-13.648	
3.5298	33.6253	33.7063	33.7087	33.709	33.7092	33.7116	33.7771	33.8283	33.8297	33.8299	33.83	33.8314	33.8671	33.8883	33.8887	33.8888	33.8888	33.8893	33.895	
25.575	38.0947	50.6261	51.0249	51.0748	51.1246	51.5235	64.0657	76.6168	77.0162	77.0662	77.1161	77.5155	90.0743	102.6391	103.0389	103.0888	103.1388	103.5386	116.108	
-9.1985	-10.3664	-11.4016	-11.4324	-11.4362	-11.44	-11.4706	-12.3637	-13.1239	-13.1459	-13.1487	-13.1514	-13.1732	-13.791	-14.2759	-14.2891	-14.2907	-14.2924	-14.3055	-14.6477	
3.4698	33.5653	33.6463	33.6487	33.649	33.6492	33.6516	33.7171	33.7683	33.7697	33.7699	33.77	33.7714	33.8071	33.8283	33.8287	33.8288	33.8288	33.8293	33.835	

FRAMING PLAN AT RA/14 FALAJ AL QABAIL (A-LINE)

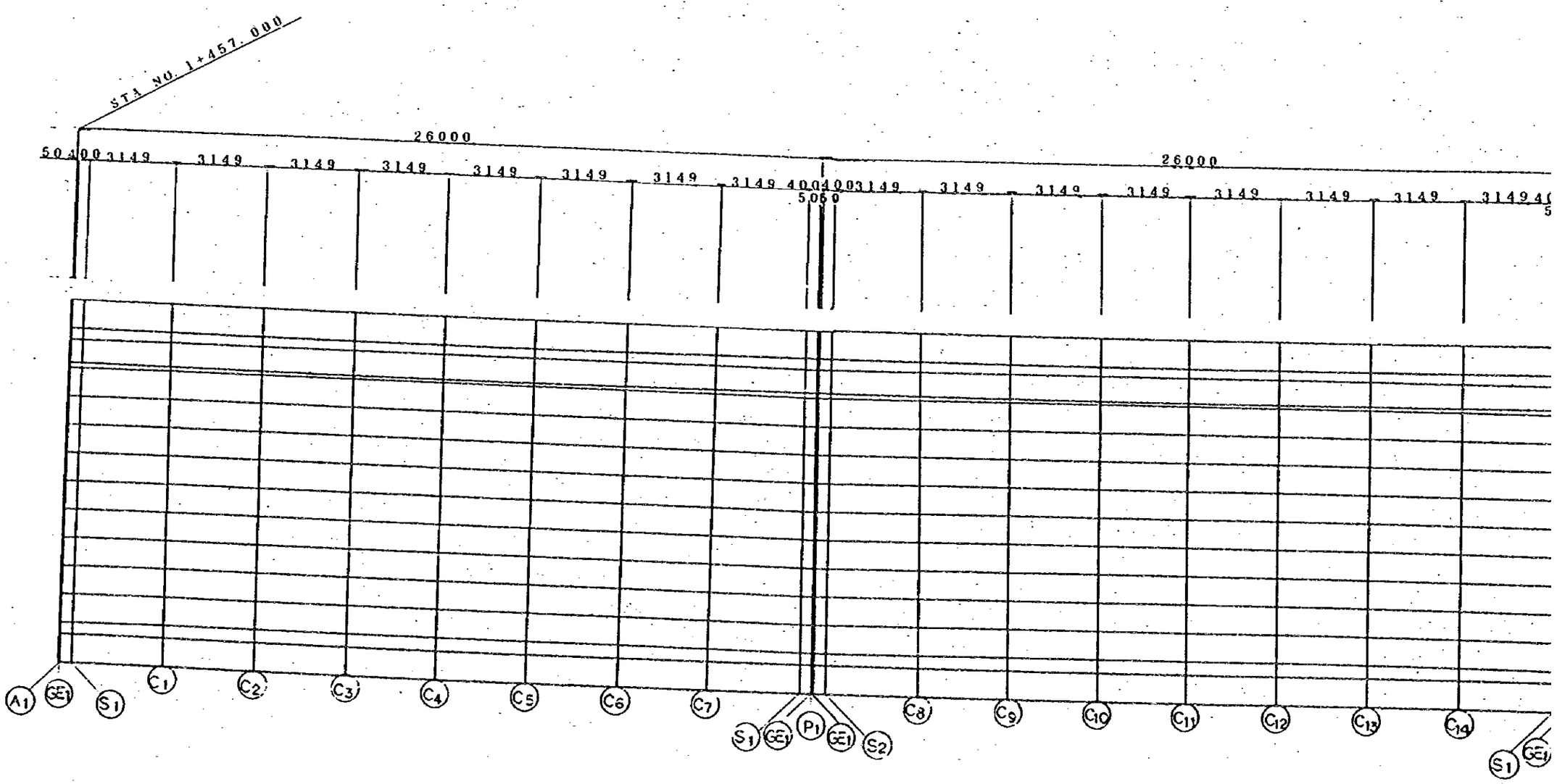
I-GE1	P4	P4-GE2	P4-S2	C32	P5-S1	P5-GE1	P5	P5-GE2	P5-S2	C39	P6-S1	P6-GE1	P6	P6-GE2	P6-S2	C46	P7-S1	P7-GE1	P7	
560.9500	1 + 561.0000	1 + 561.0500	1 + 561.4500	1 + 574.0000	1 + 586.5500	1 + 586.9500	1 + 587.0000	1 + 587.0500	1 + 587.4500	1 + 600.0000	1 + 612.5500	1 + 612.9500	1 + 613.0000	1 + 613.0500	1 + 613.4500	1 + 626.0000	1 + 638.5500	1 + 638.9500	1 + 639.0000	1
03.4566	103.5065	103.5565	103.9563	116.3865	128.8196	129.2196	129.2696	129.3196	129.7195	142.1541	154.5888	154.9888	155.0388	155.0888	155.4887	167.9218	180.352	180.7518	180.8018	
-1.596	-1.5976	-1.5993	-1.6123	-1.9508	-2.1577	-2.1621	-2.1627	-2.1632	-2.1675	-2.2333	-2.1675	-2.1632	-2.1627	-2.1621	-2.1577	-1.9508	-1.6123	-1.5993	-1.5976	
33.3207	33.3208	33.3208	33.3213	33.327	33.3183	33.3178	33.3178	33.3177	33.3172	33.293	33.2544	33.2529	33.2528	33.2526	33.2511	33.197	33.1285	33.1261	33.1258	
03.4237	103.4736	103.5236	103.9234	116.3645	128.8086	129.2086	129.2586	129.3086	129.7086	142.1541	154.5998	154.9997	155.0497	155.0997	155.4997	167.9437	180.3849	180.7847	180.8347	
-2.5954	-2.5971	-2.5987	-2.6118	-2.9505	-3.1576	-3.1621	-3.1626	-3.1632	-3.1675	-3.2333	-3.1675	-3.1632	-3.1626	-3.1621	-3.1576	-2.9505	-2.6118	-2.5987	-2.5971	
33.4607	33.4608	33.4608	33.4613	33.467	33.4583	33.4578	33.4578	33.4577	33.4572	33.433	33.3944	33.3929	33.3928	33.3926	33.3911	33.337	33.2685	33.2661	33.2658	
03.2477	103.2977	103.3477	103.7476	116.2488	128.75	129.1499	129.1999	129.2499	129.65	142.1541	154.6584	155.0584	155.1084	155.1584	155.5583	168.0595	180.5607	180.9607	181.0106	
-7.942	-7.9442	-7.9453	-7.954	-8.2282	-8.5024	-8.5112	-8.5123	-8.5123	-8.5123	-8.5123	-8.5123	-8.5123	-8.5123	-8.5112	-8.5024	-8.2283	-7.9541	-7.9453	-7.9442	
33.6747	33.6748	33.6748	33.6751	33.6782	33.6721	33.6718	33.6718	33.6717	33.671	33.6442	33.6082	33.6069	33.6068	33.6065	33.6049	33.5482	33.4823	33.4801	33.4798	
103.1112	103.1612	103.2112	103.611	116.1562	128.7045	129.1044	129.1544	129.2044	129.6044	142.1541	154.7039	155.1039	155.1539	155.2039	155.6039	168.152	180.6974	181.0972	181.1471	
-12.0903	-12.0919	-12.0936	-12.1066	-12.4482	-12.657	-12.6615	-12.6621	-12.6626	-12.6669	-12.7333	-12.6669	-12.6626	-12.6621	-12.6615	-12.657	-12.4483	-12.1067	-12.0936	-12.0919	
33.8407	33.8408	33.8408	33.8413	33.847	33.8383	33.8378	33.8378	33.8377	33.8372	33.813	33.7744	33.7729	33.7728	33.7726	33.7711	33.717	33.6485	33.6461	33.6458	
103.0718	103.1217	103.1717	103.5715	116.1299	128.6913	129.0913	129.1413	129.1913	129.5912	142.1541	154.7171	155.1171	155.1671	155.2171	155.617	168.1784	180.7368	181.1366	181.1866	
-13.2896	-13.2913	-13.2929	-13.306	-13.648	-13.857	-13.8614	-13.862	-13.8625	-13.8668	-13.9333	-13.8668	-13.8625	-13.862	-13.8614	-13.857	-13.648	-13.306	-13.2929	-13.2913	
33.8887	33.8888	33.8888	33.8893	33.895	33.8863	33.8858	33.8858	33.8857	33.8852	33.861	33.8224	33.8209	33.8208	33.8206	33.8191	33.765	33.6965	33.6941	33.6938	
103.0389	103.0888	103.1388	103.5386	116.108	128.6803	129.0803	129.1303	129.1803	129.5803	142.1541	154.728	155.128	155.178	155.228	155.628	168.2003	180.7697	181.1695	181.2195	
-14.2891	-14.2907	-14.2924	-14.3055	-14.6477	-14.8569	-14.8614	-14.8619	-14.8625	-14.8668	-14.9333	-14.8668	-14.8625	-14.8619	-14.8614	-14.8569	-14.6477	-14.3055	-14.2924	-14.2908	
33.8287	33.8288	33.8288	33.8293	33.835	33.8263	33.8258	33.8258	33.8257	33.8252	33.801	33.7624	33.7609	33.7608	33.7606	33.7591	33.705	33.6365	33.6341	33.6338	

	P6-S2	C46	P7-S1	P7-GE1	P7	P7-GE2	P7-S2	C53	P8-S1	P8-GE1	P8	P8-GE2	P8-S2	C60	P9-S1	P9-GE1	P9	P9-GE2	P9-S2	C67
0	1 + 613.4500	1 + 626.0000	1 + 638.5500	1 + 638.9500	1 + 639.0000	1 + 639.0500	1 + 639.4500	1 + 652.0000	1 + 664.5500	1 + 664.9500	1 + 665.0000	1 + 665.0500	1 + 665.4500	1 + 678.0000	1 + 690.5500	1 + 690.9500	1 + 691.0000	1 + 691.0500	1 + 691.4500	1 + 704.
3	155.4887	167.9218	180.352	180.7518	180.8018	180.8518	181.2516	193.6771	206.0969	206.4963	206.5462	206.5962	206.9956	219.4076	231.811	232.2099	232.2597	232.3096	232.7084	245.1
1	-2.1577	-1.9508	-1.6123	-1.5993	-1.5976	-1.596	-1.5827	-1.1033	-0.4923	-0.4705	-0.4678	-0.465	-0.443	0.3088	1.1919	1.2225	1.2263	1.2302	1.2609	2.2
8	33.2511	33.197	33.1285	33.1261	33.1258	33.1255	33.123	33.0391	32.9407	32.9373	32.9369	32.9364	32.933	32.8192	32.6909	32.6865	32.686	32.6854	32.681	32.5
7	155.4997	167.9437	180.3849	180.7847	180.8347	180.8847	181.2844	193.7209	206.1517	206.5511	206.601	206.651	207.0504	219.4733	231.8877	232.2865	232.3364	232.3862	232.7851	245.1
1	-3.1576	-2.9505	-2.6118	-2.5987	-2.5971	-2.5954	-2.5822	-2.1023	-1.4908	-1.469	-1.4663	-1.4635	-1.4415	-0.689	0.1949	0.2255	0.2293	0.2331	0.2639	1.2
6	33.3911	33.337	33.2685	33.2661	33.2658	33.2655	33.263	33.1791	33.0807	33.0773	33.0769	33.0764	33.073	32.9592	32.8309	32.8265	32.826	32.8254	32.821	32.(
4	155.5583	168.0595	180.5607	180.9607	181.0106	181.0606	181.4602	193.9524	206.4446	206.8442	206.8942	206.9441	207.3433	219.8204	232.2976	232.6967	232.7466	232.7964	233.1949	245
2	-8.5024	-8.2283	-7.9541	-7.9453	-7.9442	-7.942	-7.9245	-7.3762	-6.828	-6.8104	-6.8082	-6.8049	-6.7786	-5.9566	-5.1345	-5.1082	-5.105	-5.1006	-5.0655	-3.9
5	33.6049	33.5482	33.4823	33.4801	33.4798	33.4795	33.4768	33.3902	33.2945	33.2913	33.2909	33.2904	33.2868	33.1703	33.0446	33.0405	33.04	33.0394	33.0349	32.9
9	155.6039	168.152	180.6974	181.0972	181.1471	181.1971	181.5969	194.1375	206.6723	207.0717	207.1216	207.1715	207.5709	220.0979	232.6162	233.015	233.0648	233.1147	233.5135	246.(
5	-12.657	-12.4483	-12.1067	-12.0936	-12.0919	-12.0903	-12.0771	-11.5932	-10.9766	-10.9547	-10.952	-10.9493	-10.9272	-10.1685	-9.2772	-9.2466	-9.2427	-9.2389	-9.2081	-8.
8	33.7711	33.717	33.6485	33.6461	33.6458	33.6455	33.643	33.5591	33.4607	33.4573	33.4569	33.4564	33.453	33.3392	33.2108	33.2065	33.206	33.2054	33.2011	33.(
1	155.617	168.1784	180.7368	181.1366	181.1866	181.2366	181.6363	194.1901	206.738	207.1374	207.1874	207.2373	207.6367	220.1768	232.7082	233.107	233.1569	233.2067	233.6055	246.
4	-13.857	-13.648	-13.306	-13.2929	-13.2913	-13.2897	-13.2764	-12.792	-12.1748	-12.1529	-12.1502	-12.1474	-12.1254	-11.3659	-10.4736	-10.443	-10.4392	-10.4354	-10.4046	-9.
6	33.8191	33.765	33.6965	33.6941	33.6938	33.6935	33.691	33.6071	33.5086	33.5053	33.5049	33.5044	33.501	33.3872	33.2588	33.2545	33.254	33.2534	33.2491	33.
8	155.628	168.2003	180.7697	181.1695	181.2195	181.2695	181.6692	194.2339	206.7928	207.1922	207.2422	207.2921	207.6915	220.2425	232.7849	233.1837	233.2335	233.2834	233.6822	246.
4	-14.8569	-14.6477	-14.3055	-14.2924	-14.2908	-14.2891	-14.2759	-13.7911	-13.1733	-13.1514	-13.1487	-13.1459	-13.1239	-12.3637	-11.4707	-11.4401	-11.4363	-11.4324	-11.4017	-10.
6	33.7591	33.705	33.6365	33.6341	33.6338	33.6335	33.631	33.5471	33.4486	33.4453	33.4449	33.4444	33.441	33.3272	33.1988	33.1945	33.194	33.1934	33.1891	33.

	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
500	1 + 678.0000	1 + 690.5500	1 + 690.9500	1 + 691.0000	1 + 691.0500	1 + 691.4500	1 + 704.0000	1 + 716.5500	1 + 716.9500	1 + 717.0000	1 + 717.0500	1 + 717.4500	1 + 730.0000	1 + 742.5500	1 + 742.9500	1 + 743.0000
56	219.4076	231.811	232.2099	232.2597	232.3096	232.7084	245.1009	257.482	257.8801	257.9299	257.9796	258.3777	270.7448	283.0976	283.4947	283.5443
43	0.3088	1.1919	1.2225	1.2263	1.2302	1.2609	2.2848	3.4397	3.479	3.4839	3.4888	3.5283	4.8236	6.2497	6.2978	6.3038
33	32.8192	32.6909	32.6865	32.686	32.6854	32.681	32.5373	32.3791	32.3738	32.3731	32.3724	32.3671	32.1934	32.0053	31.999	31.9983
504	219.4733	231.8877	232.2865	232.3364	232.3862	232.7851	245.1885	257.5806	257.9786	258.0284	258.0781	258.4762	270.8542	283.2179	283.615	283.6646
415	-0.689	0.1949	0.2255	0.2293	0.2331	0.2639	1.2886	2.4445	2.4838	2.4888	2.4937	2.5332	3.8296	5.257	5.3051	5.3111
073	32.9592	32.8309	32.8265	32.826	32.8254	32.821	32.6773	32.5191	32.5138	32.5131	32.5124	32.5071	32.3334	32.1453	32.139	32.1383
433	219.8204	232.2976	232.6967	232.7466	232.7964	233.1949	245.651	258.1072	258.5057	258.5555	258.6052	259.0028	271.4319	283.861	284.2587	284.3084
786	-5.9566	-5.1345	-5.1082	-5.105	-5.1006	-5.0655	-3.9701	-2.8746	-2.8396	-2.8352	-2.8297	-2.786	-1.4176	-0.0493	-0.0055	0
868	33.1703	33.0446	33.0405	33.04	33.0394	33.0349	32.8884	32.7329	32.7277	32.7271	32.7264	32.7209	32.5446	32.3591	32.353	32.3523
709	220.0979	232.6162	233.015	233.0648	233.1147	233.5135	246.0208	258.5165	258.9146	258.9644	259.0141	259.4122	271.8938	284.361	284.7581	284.8077
272	-10.1685	-9.2772	-9.2466	-9.2427	-9.2389	-9.2081	-8.1749	-7.0093	-6.9699	-6.965	-6.9601	-6.9206	-5.6133	-4.174	-4.1259	-4.1199
453	33.3392	33.2108	33.2065	33.206	33.2054	33.2011	33.0573	32.899	32.8937	32.8931	32.8924	32.8871	32.7134	32.5253	32.519	32.5183
367	220.1768	232.7082	233.107	233.1569	233.2067	233.6055	246.1259	258.6348	259.0328	259.0826	259.1323	259.5304	272.0251	284.5053	284.9024	284.9521
254	-11.3659	-10.4736	-10.443	-10.4392	-10.4354	-10.4046	-9.3703	-8.2034	-8.1641	-8.1592	-8.1542	-8.1148	-6.8061	-5.3653	-5.3172	-5.3112
501	33.3872	33.2588	33.2545	33.254	33.2534	33.2491	33.1053	32.947	32.9417	32.9411	32.9404	32.9351	32.7614	32.5733	32.567	32.5663
915	220.2425	232.7849	233.1837	233.2335	233.2834	233.6822	246.2135	258.7333	259.1313	259.1811	259.2309	259.6289	272.1345	284.6257	285.0228	285.0724
239	-12.3637	-11.4707	-11.4401	-11.4363	-11.4324	-11.4017	-10.3664	-9.1986	-9.1592	-9.1543	-9.1494	-9.1099	-7.8001	-6.358	-6.3099	-6.3039
441	33.3272	33.1988	33.1945	33.194	33.1934	33.1891	33.0453	32.887	32.8817	32.8811	32.8804	32.8751	32.7014	32.5133	32.507	32.5063

P10-S1	P10-GE1	P10	P10-GE2	P10-S2	C74	A2-S1	A2-GE1	A2
1 + 716.5500	1 + 716.9500	1 + 717.0000	1 + 717.0500	1 + 717.4500	1 + 730.0000	1 + 742.5500	1 + 742.9500	1 + 743.0000
257.482	257.8801	257.9299	257.9796	258.3777	270.7448	283.0976	283.4947	283.5443
3.4397	3.479	3.4839	3.4888	3.5283	4.8236	6.2497	6.2978	6.3038
32.3791	32.3738	32.3731	32.3724	32.3671	32.1934	32.0053	31.999	31.9983
257.5806	257.9786	258.0284	258.0781	258.4762	270.8542	283.2179	283.615	283.6646
2.4445	2.4838	2.4888	2.4937	2.5332	3.8296	5.257	5.3051	5.3111
32.5191	32.5138	32.5131	32.5124	32.5071	32.3334	32.1453	32.139	32.1383
258.1072	258.5057	258.5555	258.6052	259.0028	271.4319	283.861	284.2587	284.3084
-2.8746	-2.8396	-2.8352	-2.8297	-2.786	-1.4176	-0.0493	-0.0055	0
32.7329	32.7277	32.7271	32.7264	32.7209	32.5446	32.3591	32.353	32.3523
258.5165	258.9146	258.9644	259.0141	259.4122	271.8938	284.361	284.7581	284.8077
-7.0093	-6.9699	-6.965	-6.9601	-6.9206	-5.6133	-4.174	-4.1259	-4.1199
32.899	32.8937	32.8931	32.8924	32.8871	32.7134	32.5253	32.519	32.5183
258.6348	259.0328	259.0826	259.1323	259.5304	272.0251	284.5053	284.9024	284.9521
-8.2034	-8.1641	-8.1592	-8.1542	-8.1148	-6.8061	-5.3653	-5.3172	-5.3112
32.947	32.9417	32.9411	32.9404	32.9351	32.7614	32.5733	32.567	32.5663
258.7333	259.1313	259.1811	259.2309	259.6289	272.1345	284.6257	285.0228	285.0724
-9.1986	-9.1592	-9.1543	-9.1494	-9.1099	-7.8001	-6.358	-6.3099	-6.3039
32.887	32.8817	32.8811	32.8804	32.8751	32.7014	32.5133	32.507	32.5063

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	CLIENT : MINISTRY OF COMMUNICATIONS, DIRECTORATE GENERAL OF ROADS	
	PROJECT: D/D ON ROAD DEVELOPMENT PROJECT ON BATINAH HIGHWAY	
JICA STUDY TEAM PACIFIC CONSULTANTS INTERNATIONAL FUKUYAMA CONSULTANTS INTERNATIONAL	TITLE CO-ORDINATE LIST RA/14 AT A-LINE	
	DATE	DWGNO. B-4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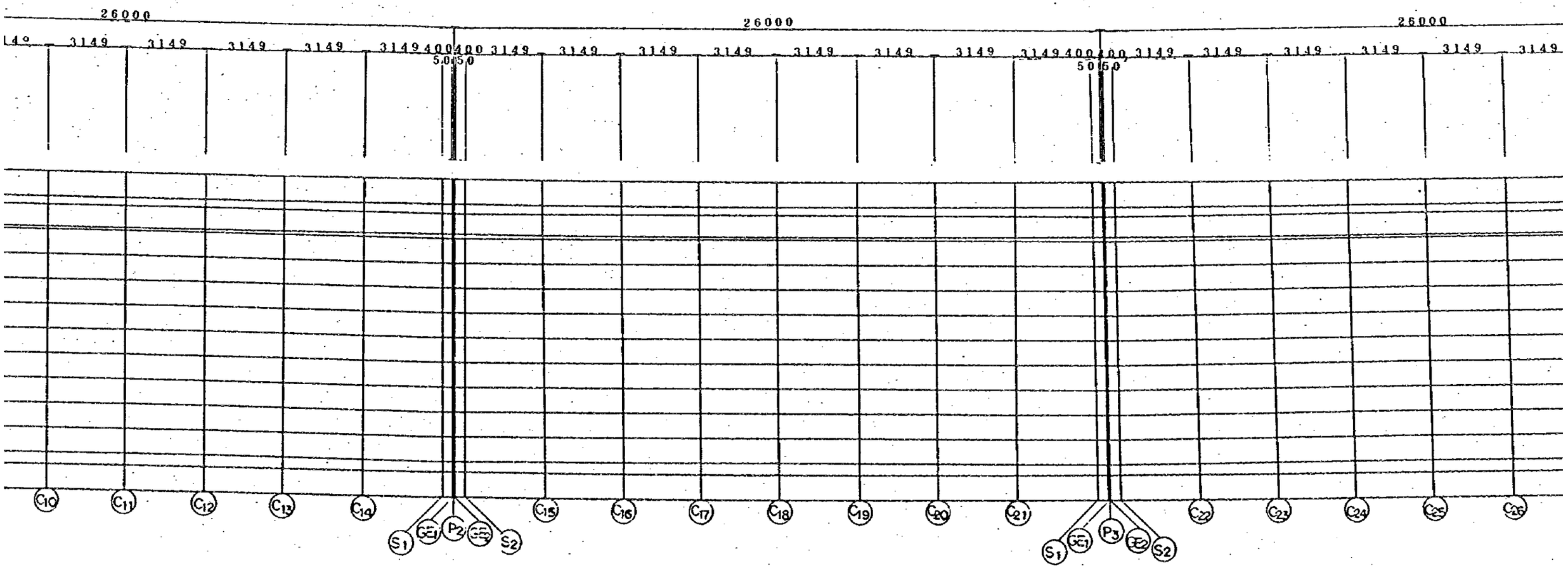
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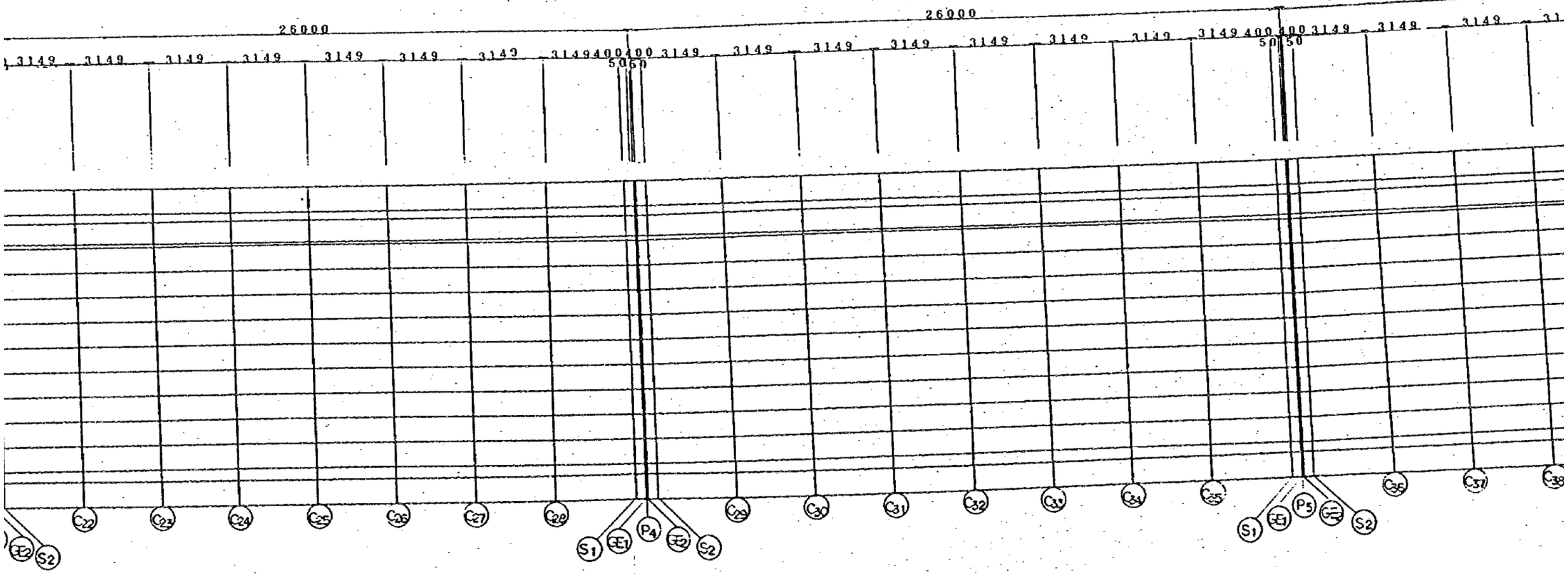
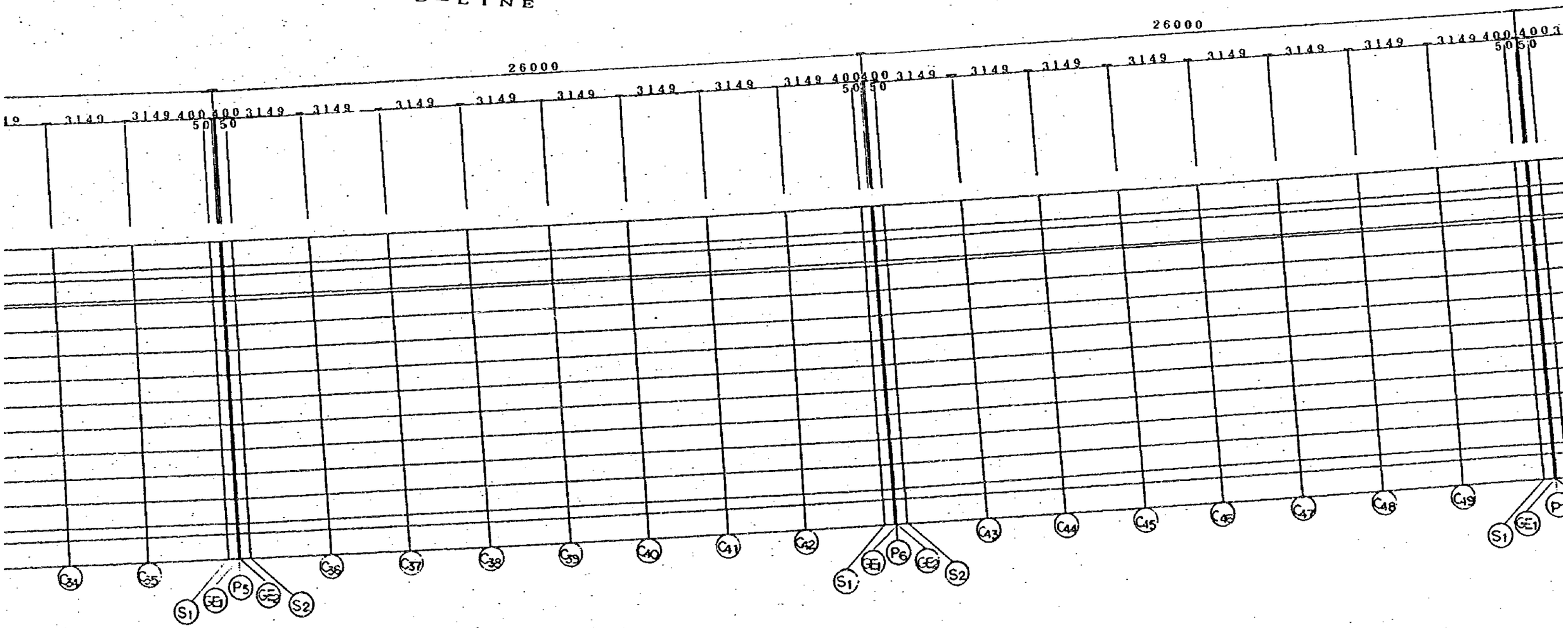
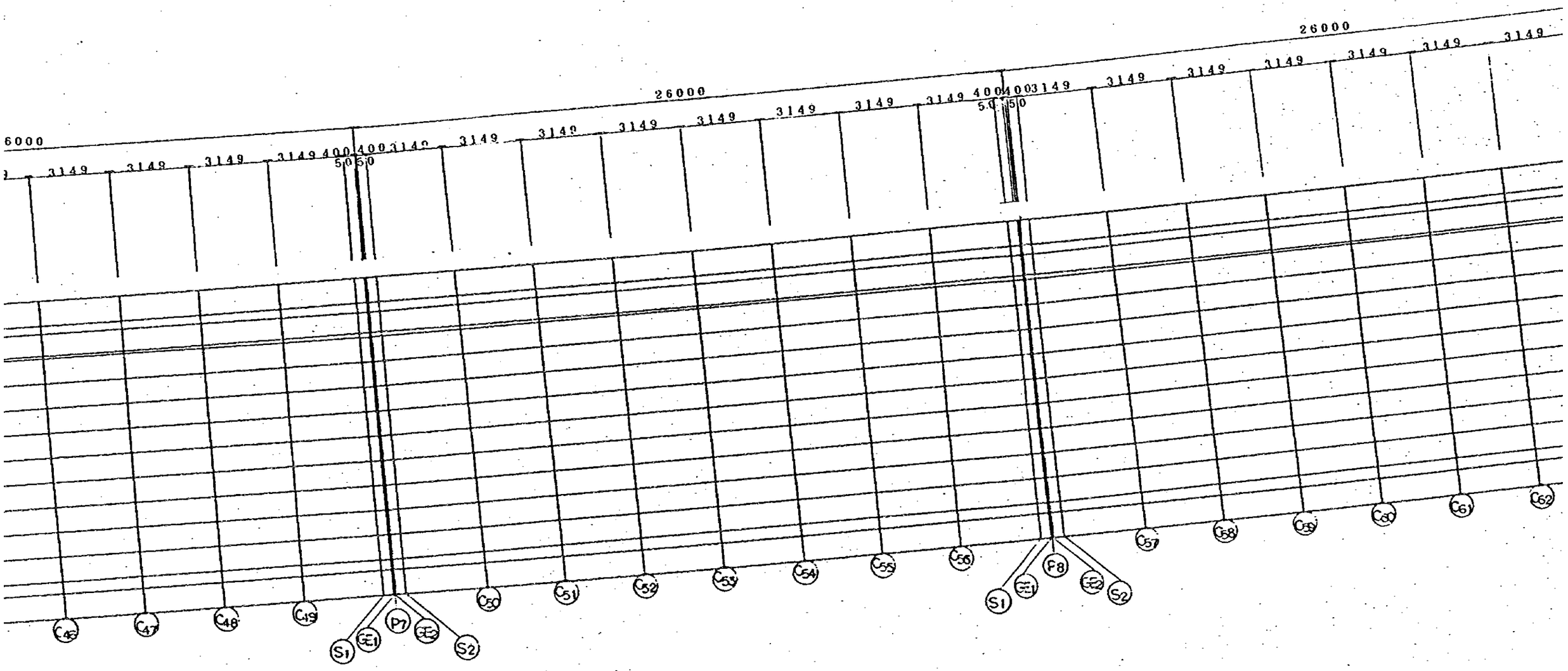


RA/14-FALAJ AL QABAIL

B-LINE





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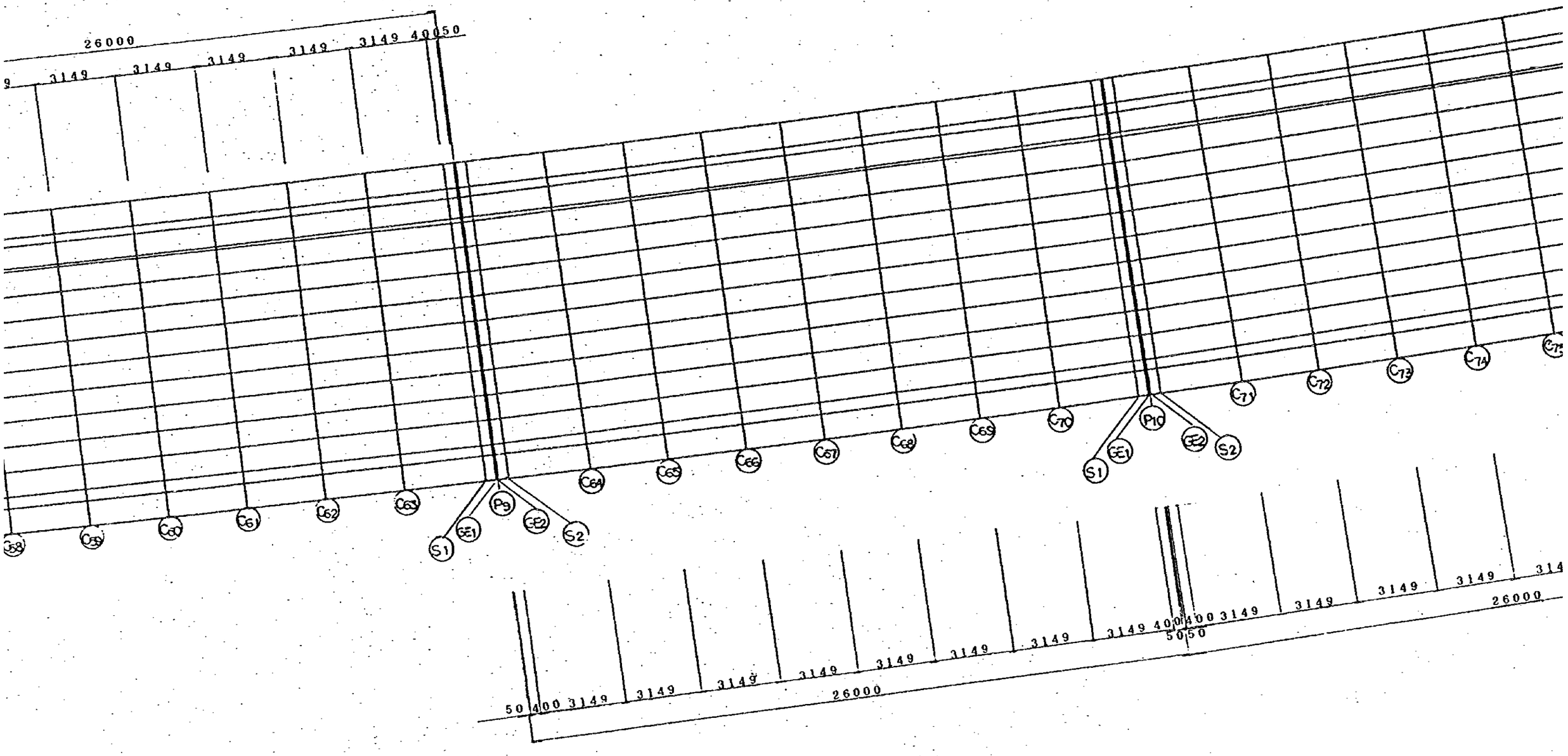
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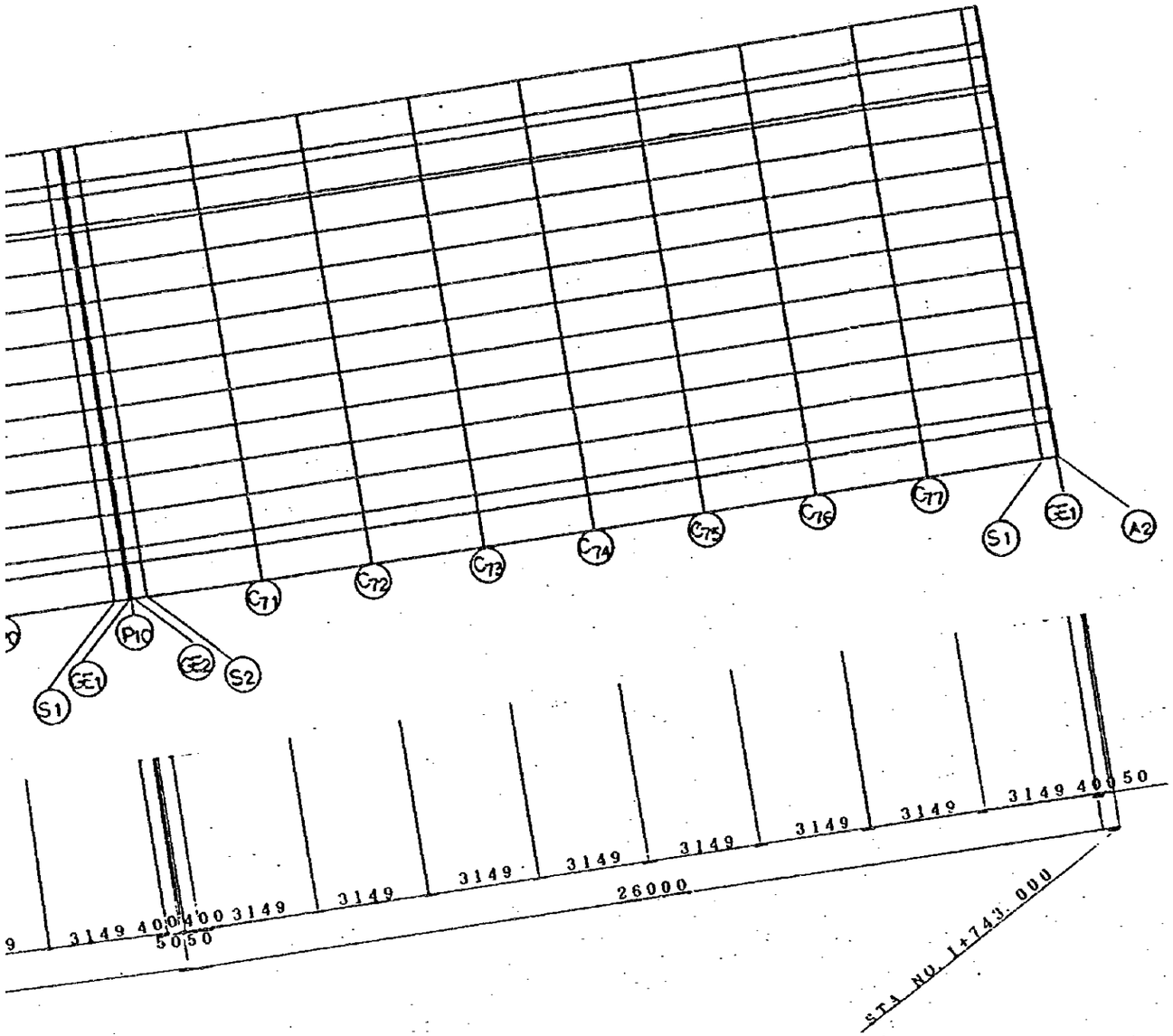
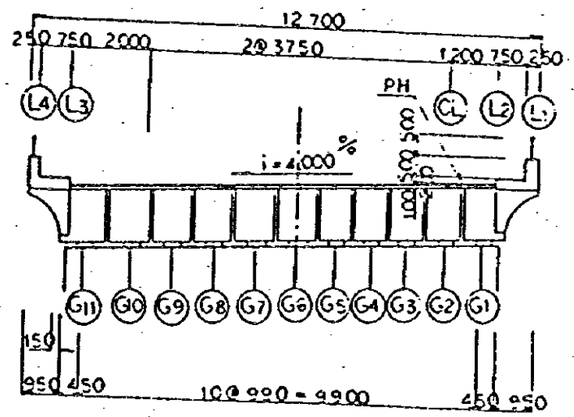


B – L I N E



	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	CLIENT: MINISTRY OF COMMUNICATIONS, DIRECTORATE GENERAL OF ROADS
		PROJECT: D/D ON ROAD DEVELOPMENT PROJECT ON BATINAH HIGHWAY
	JICA STUDY TEAM PACIFIC CONSULTANTS INTERNATIONAL FUKUYAMA CONSULTANTS INTERNATIONAL	TITLE: FRAMING PLAN RA/14 AT B-LINE
		DATE / DWGNO. B-5

FALAJ AL QABAIL(B)

SECTION		A1	A1-GE1	A1-S1	C4	P1-S1	P1-GE1	P1	P1-GE2	P1-S2	C11	P2-S1	P2-GE1	P2
STATION		1 + 457.0000	1 + 457.0500	1 + 457.4500	1 + 470.0000	1 + 482.5500	1 + 482.9500	1 + 483.0000	1 + 483.0500	1 + 483.4500	1 + 496.0000	1 + 508.5500	1 + 508.9500	1 + 509
L1	X	0.755	0.8046	1.2018	13.6472	26.1068	26.5049	26.5546	26.6044	27.0025	39.4758	51.9604	52.3592	52.
	Y	6.305	6.2991	6.2516	4.8321	3.5429	3.5039	3.499	3.4942	3.4553	2.3058	1.2869	1.2565	1.
	Z	32.7353	32.7358	32.74	32.8654	32.9764	32.9797	32.9801	32.9805	32.9838	33.0793	33.1603	33.1627	3
L2	X	0.6361	0.6857	1.0829	13.5391	26.0094	26.4075	26.4573	26.5071	26.9052	39.3892	51.8846	52.2834	52.
	Y	5.3121	5.3061	5.2587	3.838	2.5477	2.5087	2.5038	2.4989	2.4601	1.3096	0.2898	0.2594	0.
	Z	32.8753	32.8758	32.88	33.0054	33.1164	33.1197	33.1201	33.1205	33.1238	33.2193	33.3003	33.3027	3
CL	X	0.4934	0.5431	0.9402	13.4093	25.8926	26.2907	26.3405	26.3902	26.7884	39.2853	51.7937	52.1925	52.
	Y	4.1206	4.1147	4.0672	2.645	1.3534	1.3144	1.3095	1.3046	1.2658	0.1141	−0.9068	−0.9372	−
	Z	32.9233	32.9238	32.928	33.0534	33.1644	33.1677	33.1681	33.1685	33.1718	33.2673	33.3483	33.3507	3
G6(PIER CENTER)	X	0	0.0497	0.4474	12.9683	25.4891	25.8868	25.9365	25.9863	26.3848	38.9322	51.4796	51.8782	5
	Y	0	−0.0054	−0.0486	−1.4104	−2.7721	−2.8154	−2.8208	−2.8251	−2.8598	−3.9499	−5.0401	−5.0747	−
	Z	33.0893	33.0898	33.0938	33.2166	33.3302	33.3337	33.3341	33.3345	33.3376	33.4304	33.5141	33.5166	3
L3	X	−0.636	−0.5864	−0.1892	12.3822	24.9678	25.3659	25.4157	25.4655	25.8636	38.463	51.074	51.4728	51.
	Y	−5.312	−5.318	−5.3654	−6.7993	−8.1015	−8.1405	−8.1454	−8.1503	−8.1891	−9.3502	−10.3795	−10.4099	−10.
	Z	33.3033	33.3038	33.308	33.4334	33.5444	33.5477	33.5481	33.5485	33.5518	33.6473	33.7283	33.7307	3
L4	X	−0.7549	−0.7052	−0.3081	12.2741	24.8705	25.2686	25.3184	25.3681	25.7662	38.3765	50.9982	51.3971	51.
	Y	−6.3049	−6.3109	−6.3584	−7.7934	−9.0968	−9.1358	−9.1406	−9.1455	−9.1844	−10.3465	−11.3766	−11.407	−11.
	Z	33.2433	33.2438	33.248	33.3734	33.4844	33.4877	33.4881	33.4885	33.4917	33.5873	33.6683	33.6707	3

NOTES:

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-GE2	P4-S2	
33.0500	1 + 483.4500	1 + 496.0000	1 + 508.5500	1 + 508.9500	1 + 509.0000	1 + 509.0500	1 + 509.4500	1 + 522.0000	1 + 534.5500	1 + 534.9500	1 + 535.0000	1 + 535.0500	1 + 535.4500	1 + 548.0000	1 + 560.5500	1 + 560.9500	1 + 561.0000	1 + 561.0500	1 + 561.4500	1 +
6.6044	27.0025	39.4758	51.9604	52.3592	52.4091	52.4589	52.8578	65.353	77.8568	78.2562	78.3061	78.356	78.7554	91.2668	103.7838	104.1836	104.2336	104.2835	104.6833	
3.4942	3.4553	2.3058	1.2869	1.2565	1.2527	1.2489	1.2187	0.3397	-0.4085	-0.4303	-0.433	-0.4357	-0.4573	-1.0653	-1.5425	-1.5556	-1.5572	-1.5588	-1.5717	
2.9805	32.9838	33.0793	33.1603	33.1627	33.163	33.1632	33.1656	33.2311	33.2823	33.2837	33.2839	33.284	33.2854	33.3211	33.3423	33.3427	33.3428	33.3428	33.3433	
6.5071	26.9052	39.3892	51.8846	52.2834	52.3333	52.3832	52.782	65.2881	77.8026	78.202	78.2519	78.3019	78.7013	91.2235	103.7513	104.1511	104.2011	104.251	104.6508	
2.4989	2.4601	1.3096	0.2898	0.2594	0.2556	0.2518	0.2216	-0.6582	-1.4071	-1.4288	-1.4315	-1.4342	-1.4558	-2.0644	-2.542	-2.555	-2.5567	-2.5583	-2.5712	
3.1205	33.1238	33.2193	33.3003	33.3027	33.303	33.3032	33.3056	33.3711	33.4223	33.4237	33.4239	33.424	33.4254	33.4611	33.4823	33.4827	33.4828	33.4828	33.4833	
6.3902	26.7884	39.2853	51.7937	52.1925	52.2424	52.2922	52.6911	65.2101	77.7376	78.1371	78.187	78.2369	78.6363	91.1715	103.7123	104.1121	104.1621	104.212	104.6118	
1.3046	1.2658	0.1141	-0.9068	-0.9372	-0.941	-0.9448	-0.975	-1.8556	-2.6053	-2.627	-2.6298	-2.6325	-2.654	-3.2632	-3.7413	-3.7544	-3.756	-3.7577	-3.7706	
33.1685	33.1718	33.2673	33.3483	33.3507	33.351	33.3512	33.3536	33.4191	33.4703	33.4717	33.4719	33.472	33.4734	33.5091	33.5303	33.5307	33.5308	33.5308	33.5313	
25.9863	26.3848	38.9322	51.4796	51.8782	51.928	51.9779	52.3771	64.9451	77.5132	77.9124	77.9623	78.0123	78.4119	90.9948	103.5776	103.9773	104.0272	104.0772	104.4771	
-2.8251	-2.8598	-3.9499	-5.0401	-5.0747	-5.079	-5.0823	-5.1083	-5.9264	-6.7444	-6.7704	-6.7737	-6.7758	-6.7932	-7.3388	-7.8844	-7.9017	-7.9039	-7.9049	-7.9136	
33.3345	33.3376	33.4304	33.5141	33.5166	33.517	33.5172	33.5194	33.5823	33.6361	33.6377	33.6379	33.638	33.6392	33.6722	33.6961	33.6967	33.6968	33.6968	33.6971	
25.4655	25.8636	38.463	51.074	51.4728	51.5227	51.5725	51.9714	64.593	77.2233	77.6227	77.6726	77.7226	78.122	90.7599	103.4036	103.8034	103.8534	103.9033	104.3031	
-8.1503	-8.1891	-9.3502	-10.3795	-10.4099	-10.4137	-10.4175	-10.4477	-11.3356	-12.0914	-12.1131	-12.1158	-12.1185	-12.1401	-12.7543	-13.2363	-13.2494	-13.251	-13.2526	-13.2656	
33.5485	33.5518	33.6473	33.7283	33.7307	33.731	33.7312	33.7336	33.7991	33.8503	33.8517	33.8519	33.852	33.8534	33.8891	33.9103	33.9107	33.9108	33.9108	33.9113	
25.3681	25.7662	38.3765	50.9982	51.3971	51.4469	51.4968	51.8956	64.5281	77.1692	77.5686	77.6185	77.6684	78.0679	90.7166	103.3711	103.7709	103.8209	103.8708	104.2706	
-9.1455	-9.1844	-10.3465	-11.3766	-11.407	-11.4108	-11.4146	-11.4448	-12.3335	-13.0899	-13.1116	-13.1144	-13.1171	-13.1386	-13.7534	-14.2358	-14.2489	-14.2505	-14.2521	-14.265	
33.4885	33.4917	33.5873	33.6683	33.6707	33.671	33.6712	33.6736	33.7391	33.7903	33.7917	33.7919	33.792	33.7934	33.8291	33.8503	33.8507	33.8508	33.8508	33.8513	

FRAMING PLAN AT RA/14 FALAJ AL QABAIL (B-LINE)

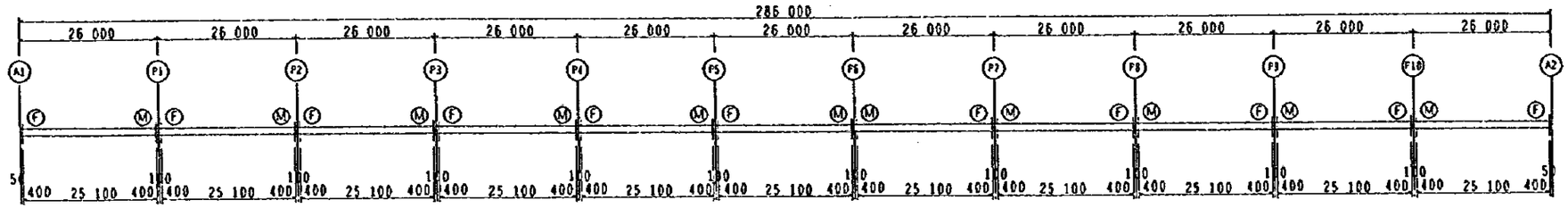
P4-S1	P4-GE1	P4	P4-GE2	P4-S2	C32	P5-S1	P5-GE1	P5	P5-GE2	P5-S2	C39	P6-S1	P6-GE1	P6	P6-GE2	P6-S2	C46	P7-S1	P7-GE
1 + 560.5500	1 + 560.9500	1 + 561.0000	1 + 561.0500	1 + 561.4500	1 + 574.0000	1 + 586.5500	1 + 586.9500	1 + 587.0000	1 + 587.0500	1 + 587.4500	1 + 600.0000	1 + 612.5500	1 + 612.9500	1 + 613.0000	1 + 613.0500	1 + 613.4500	1 + 626.0000	1 + 638.5500	1 + 638.9
103.7838	104.1836	104.2336	104.2835	104.6833	117.2049	129.7293	130.1293	130.1793	130.2293	130.6293	143.1552	155.6811	156.0811	156.1311	156.1811	156.5811	169.1055	181.6271	182.0
-1.5425	-1.5556	-1.5572	-1.5588	-1.5717	-1.9086	-2.1145	-2.1189	-2.1194	-2.12	-2.1242	-2.1897	-2.1242	-2.12	-2.1194	-2.1189	-2.1145	-1.9086	-1.5717	-1.5
33.3423	33.3427	33.3428	33.3428	33.3433	33.349	33.3403	33.3398	33.3398	33.3397	33.3392	33.315	33.2764	33.2749	33.2748	33.2746	33.2731	33.219	33.1505	33.1
103.7513	104.1511	104.2011	104.251	104.6508	117.1832	129.7185	130.1185	130.1685	130.2185	130.6184	143.1552	155.692	156.0919	156.1419	156.1919	156.5919	169.1272	181.6596	182.0
-2.542	-2.555	-2.5567	-2.5583	-2.5712	-2.9084	-3.1144	-3.1188	-3.1194	-3.1199	-3.1242	-3.1897	-3.1242	-3.1199	-3.1194	-3.1188	-3.1144	-2.9084	-2.5712	-2.5
33.4823	33.4827	33.4828	33.4828	33.4833	33.489	33.4803	33.4798	33.4798	33.4797	33.4792	33.455	33.4164	33.4149	33.4148	33.4146	33.4131	33.359	33.2905	33.2
103.7123	104.1121	104.1621	104.212	104.6118	117.1572	129.7055	130.1055	130.1555	130.2055	130.6054	143.1552	155.705	156.1049	156.1549	156.2049	156.6049	169.1532	181.6986	182.0
-3.7413	-3.7544	-3.756	-3.7577	-3.7706	-4.1081	-4.3144	-4.3188	-4.3193	-4.3199	-4.3241	-4.3897	-4.3241	-4.3199	-4.3193	-4.3188	-4.3144	-4.1081	-3.7706	-3.7
33.5303	33.5307	33.5308	33.5308	33.5313	33.537	33.5283	33.5278	33.5278	33.5277	33.5272	33.503	33.4644	33.4629	33.4628	33.4626	33.4611	33.407	33.3385	33.3
103.5776	103.9773	104.0272	104.0772	104.4771	117.0689	129.6606	130.0605	130.1105	130.1605	130.5605	143.1552	155.7499	156.1499	156.1999	156.2499	156.6498	169.2415	181.8333	182.2
-7.8844	-7.9017	-7.9039	-7.9049	-7.9136	-8.1865	-8.4593	-8.468	-8.4691	-8.4691	-8.4691	-8.4691	-8.4691	-8.4691	-8.4691	-8.468	-8.4593	-8.1865	-7.9136	-7.9
33.6961	33.6967	33.6968	33.6968	33.6971	33.7002	33.6941	33.6938	33.6938	33.6937	33.693	33.6662	33.6302	33.6289	33.6288	33.6285	33.6269	33.5702	33.5043	33.5
103.4036	103.8034	103.8534	103.9033	104.3031	116.9514	129.6026	130.0025	130.0525	130.1025	130.5025	143.1552	155.8079	156.2079	156.2579	156.3079	156.7078	169.359	182.0073	182.4
-13.2363	-13.2494	-13.251	-13.2526	-13.2656	-13.6058	-13.8138	-13.8182	-13.8188	-13.8193	-13.8236	-13.8897	-13.8236	-13.8193	-13.8188	-13.8182	-13.8138	-13.6058	-13.2656	-13.2
33.9103	33.9107	33.9108	33.9108	33.9113	33.917	33.9083	33.9078	33.9078	33.9077	33.9072	33.883	33.8444	33.8429	33.8428	33.8426	33.8411	33.787	33.7185	33.7
103.3711	103.7709	103.8209	103.8708	104.2706	116.9297	129.5917	129.9917	130.0417	130.0917	130.4917	143.1552	155.8187	156.2187	156.2687	156.3187	156.7187	169.3806	182.0398	182.4
-14.2358	-14.2489	-14.2505	-14.2521	-14.265	-14.6056	-14.8137	-14.8182	-14.8187	-14.8192	-14.8235	-14.8897	-14.8235	-14.8192	-14.8187	-14.8182	-14.8137	-14.6056	-14.265	-14.2
33.8503	33.8507	33.8508	33.8508	33.8513	33.857	33.8483	33.8478	33.8478	33.8477	33.8472	33.823	33.7844	33.7829	33.7828	33.7826	33.7811	33.727	33.6585	33.6

	P6	P6-GE2	P6-S2	C46	P7-S1	P7-GE1	P7	P7-GE2	P7-S2	C53	P8-S1	P8-GE1	P8	P8-GE2	P8-S2	C60	P9-S1	P9-GE1	P9	P9-GE
00	1 + 613.0000	1 + 613.0500	1 + 613.4500	1 + 626.0000	1 + 638.5500	1 + 638.9500	1 + 639.0000	1 + 639.0500	1 + 639.4500	1 + 652.0000	1 + 664.5500	1 + 664.9500	1 + 665.0000	1 + 665.0500	1 + 665.4500	1 + 678.0000	1 + 690.5500	1 + 690.9500	1 + 691.0000	1 + 691.
1	156.1311	156.1811	156.5811	169.1055	181.6271	182.0269	182.0768	182.1268	182.5266	195.0436	207.555	207.9544	208.0043	208.0542	208.4536	220.9574	233.4526	233.8515	233.9013	233.9
12	-2.1194	-2.1189	-2.1145	-1.9086	-1.5717	-1.5588	-1.5572	-1.5556	-1.5425	-1.0653	-0.4572	-0.4357	-0.433	-0.4303	-0.4085	0.3397	1.2187	1.2489	1.2527	1.2
19	33.2748	33.2746	33.2731	33.219	33.1505	33.1481	33.1478	33.1475	33.145	33.0611	32.9627	32.9593	32.9589	32.9584	32.955	32.8412	32.7128	32.7085	32.708	32.7
19	156.1419	156.1919	156.5919	169.1272	181.6596	182.0594	182.1093	182.1593	182.5591	195.0869	207.6091	208.0085	208.0585	208.1084	208.5078	221.0223	233.5284	233.9272	233.9771	234.0
99	-3.1194	-3.1188	-3.1144	-2.9084	-2.5712	-2.5583	-2.5567	-2.555	-2.542	-2.0644	-1.4558	-1.4342	-1.4315	-1.4288	-1.4071	-0.6582	0.2216	0.2518	0.2556	0.2
49	33.4148	33.4146	33.4131	33.359	33.2905	33.2881	33.2878	33.2875	33.285	33.2011	33.1027	33.0993	33.0989	33.0984	33.095	32.9812	32.8528	32.8485	32.848	32.8
49	156.1549	156.2049	156.6049	169.1532	181.6986	182.0984	182.1483	182.1983	182.5981	195.1389	207.6741	208.0735	208.1234	208.1733	208.5728	221.1003	233.6193	234.0181	234.068	234.1
99	-4.3193	-4.3188	-4.3144	-4.1081	-3.7706	-3.7577	-3.756	-3.7544	-3.7413	-3.2632	-2.654	-2.6324	-2.6297	-2.627	-2.6053	-1.8556	-0.975	-0.9448	-0.941	-0.9
29	33.4628	33.4626	33.4611	33.407	33.3385	33.3361	33.3358	33.3355	33.333	33.2491	33.1507	33.1473	33.1469	33.1464	33.143	33.0292	32.9008	32.8965	32.896	32.3
99	156.1999	156.2499	156.6498	169.2415	181.8333	182.2332	182.2832	182.3331	182.7328	195.3156	207.8985	208.2981	208.3481	208.398	208.7972	221.3653	233.9333	234.3325	234.3824	234.
91	-8.4691	-8.468	-8.4593	-8.1865	-7.9136	-7.9049	-7.9038	-7.9017	-7.8844	-7.3388	-6.7932	-6.7758	-6.7737	-6.7704	-6.7444	-5.9263	-5.1083	-5.0823	-5.079	-5.
89	33.6288	33.6285	33.6269	33.5702	33.5043	33.5021	33.5018	33.5015	33.4989	33.4122	33.3164	33.3133	33.3129	33.3124	33.3089	33.1923	33.0666	33.0625	33.062	33.
79	156.2579	156.3079	156.7078	169.359	182.0073	182.4071	182.457	182.507	182.9068	195.5505	208.1884	208.5878	208.6378	208.6877	209.0871	221.7173	234.339	234.7379	234.7877	234.
93	-13.8188	-13.8182	-13.8138	-13.6058	-13.2656	-13.2526	-13.251	-13.2494	-13.2363	-12.7543	-12.1401	-12.1185	-12.1158	-12.1131	-12.0914	-11.3356	-10.4477	-10.4174	-10.4137	-10.
29	33.8428	33.8426	33.8411	33.787	33.7185	33.7161	33.7158	33.7155	33.7131	33.6291	33.5306	33.5273	33.5269	33.5264	33.5231	33.4092	33.2808	33.2765	33.276	33
87	156.2687	156.3187	156.7187	169.3806	182.0398	182.4396	182.4895	182.5395	182.9393	195.5938	208.2425	208.642	208.6919	208.7418	209.1412	221.7823	234.4148	234.8136	234.8635	234
92	-14.8187	-14.8182	-14.8137	-14.6056	-14.265	-14.2521	-14.2505	-14.2489	-14.2358	-13.7534	-13.1386	-13.117	-13.1143	-13.1116	-13.0899	-12.3334	-11.4448	-11.4146	-11.4108	-1
29	33.7828	33.7826	33.7811	33.727	33.6585	33.6561	33.6558	33.6555	33.6531	33.5691	33.4706	33.4673	33.4669	33.4664	33.4631	33.3492	33.2208	33.2165	33.216	33

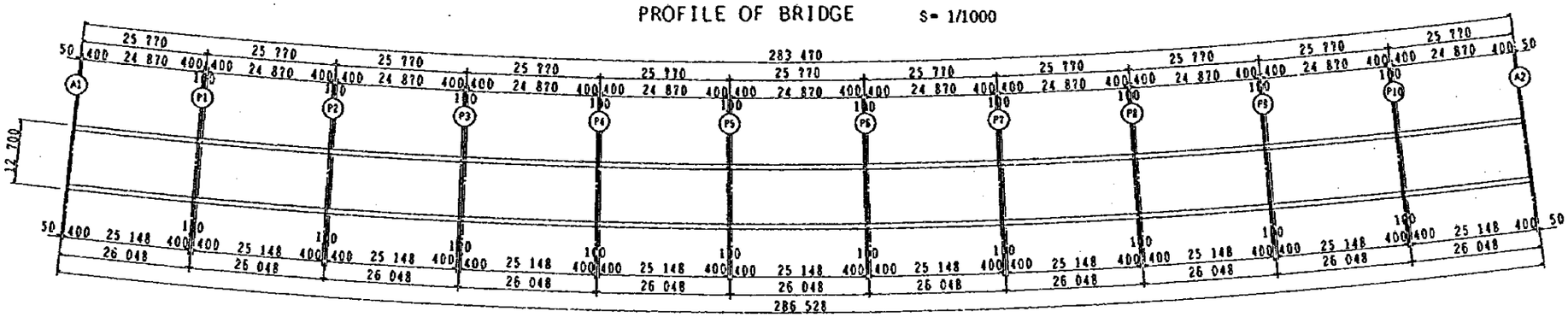
P8-S2	C60	P9-S1	P9-GE1	P9	P9-GE2	P9-S2	C67	P10-S1	P10-GE1	P10	P10-GE2	P10-S2	C74	A2-S1	A2-GE1	A2
1 + 665.4500	1 + 678.0000	1 + 690.5500	1 + 690.9500	1 + 691.0000	1 + 691.0500	1 + 691.4500	1 + 704.0000	1 + 716.5500	1 + 716.9500	1 + 717.0000	1 + 717.0500	1 + 717.4500	1 + 730.0000	1 + 742.5500	1 + 742.9500	1 + 743.0000
208.4536	220.9574	233.4526	233.8515	233.9013	233.9512	234.35	246.8346	259.3079	259.706	259.7558	259.8055	260.2036	272.6632	285.1086	285.5058	285.5554
-0.4085	0.3397	1.2187	1.2489	1.2527	1.2565	1.2869	2.3059	3.4553	3.4942	3.4991	3.5039	3.5429	4.8322	6.2516	6.2991	6.305
32.955	32.8412	32.7128	32.7085	32.708	32.7074	32.7031	32.5593	32.401	32.3957	32.3951	32.3944	32.3891	32.2154	32.0273	32.021	32.0203
208.5078	221.0223	233.5284	233.9272	233.9771	234.0269	234.4258	246.9212	259.4052	259.8033	259.8531	259.9029	260.301	272.7713	285.2275	285.6247	285.6743
-1.4071	-0.6582	0.2216	0.2518	0.2556	0.2594	0.2898	1.3096	2.4601	2.4989	2.5038	2.5087	2.5477	3.838	5.2587	5.3062	5.3121
33.095	32.9812	32.8528	32.8485	32.848	32.8474	32.8431	32.6993	32.541	32.5357	32.5351	32.5344	32.5291	32.3554	32.1673	32.161	32.1603
208.5728	221.1003	233.6193	234.0181	234.068	234.1179	234.5167	247.0251	259.522	259.9202	259.9699	260.0197	260.4178	272.9011	285.3702	285.7673	285.817
-2.6053	-1.8556	-0.975	-0.9448	-0.941	-0.9372	-0.9068	0.1141	1.2658	1.3046	1.3095	1.3144	1.3534	2.6451	4.0672	4.1147	4.1206
33.143	33.0292	32.9008	32.8965	32.896	32.8954	32.8911	32.7473	32.589	32.5837	32.5831	32.5824	32.5771	32.4034	32.2153	32.209	32.2083
208.7972	221.3653	233.9333	234.3325	234.3824	234.4322	234.8308	247.3782	259.9256	260.3241	260.3739	260.4236	260.8213	273.3421	285.863	286.2607	286.3104
-6.7444	-5.9263	-5.1083	-5.0823	-5.079	-5.0747	-5.0401	-3.9499	-2.8597	-2.8251	-2.8208	-2.8154	-2.7721	-1.4104	-0.0486	-0.0054	0
33.3089	33.1923	33.0666	33.0625	33.062	33.0614	33.0569	32.9104	32.7548	32.7497	32.7491	32.7484	32.743	32.5666	32.3811	32.375	32.3743
209.0871	221.7173	234.339	234.7379	234.7877	234.8376	235.2364	247.8474	260.4468	260.8449	260.8947	260.9445	261.3426	273.9282	286.4996	286.8968	286.9464
-12.0914	-11.3356	-10.4477	-10.4174	-10.4137	-10.4099	-10.3795	-9.3502	-8.1891	-8.1502	-8.1454	-8.1405	-8.1015	-6.7993	-5.3654	-5.318	-5.312
33.5231	33.4092	33.2808	33.2765	33.276	33.2754	33.2711	33.1273	32.969	32.9637	32.9631	32.9624	32.9572	32.7834	32.5952	32.589	32.5883
209.1412	221.7823	234.4148	234.8136	234.8635	234.9133	235.3122	247.9339	260.5442	260.9423	260.992	261.0418	261.4399	274.0363	286.6185	287.0156	287.0653
-13.0899	-12.3334	-11.4448	-11.4146	-11.4108	-11.407	-11.3766	-10.3465	-9.1843	-9.1455	-9.1406	-9.1358	-9.0967	-7.7934	-6.3583	-6.3109	-6.3049
33.4631	33.3492	33.2208	33.2165	33.216	33.2154	33.2111	33.0673	32.909	32.9037	32.9031	32.9024	32.8972	32.7234	32.5352	32.529	32.5283

C67	P10-S1	P10-GE1	P10	P10-GE2	P10-S2	C74	A2-S1	A2-GE1	A2
704.0000	1 + 716.5500	1 + 716.9500	1 + 717.0000	1 + 717.0500	1 + 717.4500	1 + 730.0000	1 + 742.5500	1 + 742.9500	1 + 743.0000
246.8346	259.3079	259.706	259.7558	259.8055	260.2036	272.6632	285.1086	285.5058	285.5554
2.3059	3.4553	3.4942	3.4991	3.5039	3.5429	4.8322	6.2516	6.2991	6.305
32.5593	32.401	32.3957	32.3951	32.3944	32.3891	32.2154	32.0273	32.021	32.0203
246.9212	259.4052	259.8033	259.8531	259.9029	260.301	272.7713	285.2275	285.6247	285.6743
1.3096	2.4601	2.4989	2.5038	2.5087	2.5477	3.838	5.2587	5.3062	5.3121
32.6993	32.541	32.5357	32.5351	32.5344	32.5291	32.3554	32.1673	32.161	32.1603
247.0251	259.522	259.9202	259.9699	260.0197	260.4178	272.9011	285.3702	285.7673	285.817
0.1141	1.2658	1.3046	1.3095	1.3144	1.3534	2.6451	4.0672	4.1147	4.1206
32.7473	32.589	32.5837	32.5831	32.5824	32.5771	32.4034	32.2153	32.209	32.2083
247.3782	259.9256	260.3241	260.3739	260.4236	260.8213	273.3421	285.863	286.2607	286.3104
-3.9499	-2.8597	-2.8251	-2.8208	-2.8154	-2.7721	-1.4104	-0.0486	-0.0054	0
32.9104	32.7548	32.7497	32.7491	32.7484	32.743	32.5666	32.3811	32.375	32.3743
247.8474	260.4468	260.8449	260.8947	260.9445	261.3426	273.9282	286.4996	286.8968	286.9464
-9.3502	-8.1891	-8.1502	-8.1454	-8.1405	-8.1015	-6.7993	-5.3654	-5.318	-5.312
33.1273	32.969	32.9637	32.9631	32.9624	32.9572	32.7834	32.5952	32.589	32.5883
247.9339	260.5442	260.9423	260.992	261.0418	261.4399	274.0363	286.6185	287.0156	287.0653
-10.3465	-9.1843	-9.1455	-9.1406	-9.1358	-9.0967	-7.7934	-6.3583	-6.3109	-6.3049
33.0673	32.909	32.9037	32.9031	32.9024	32.8972	32.7234	32.5352	32.529	32.5283

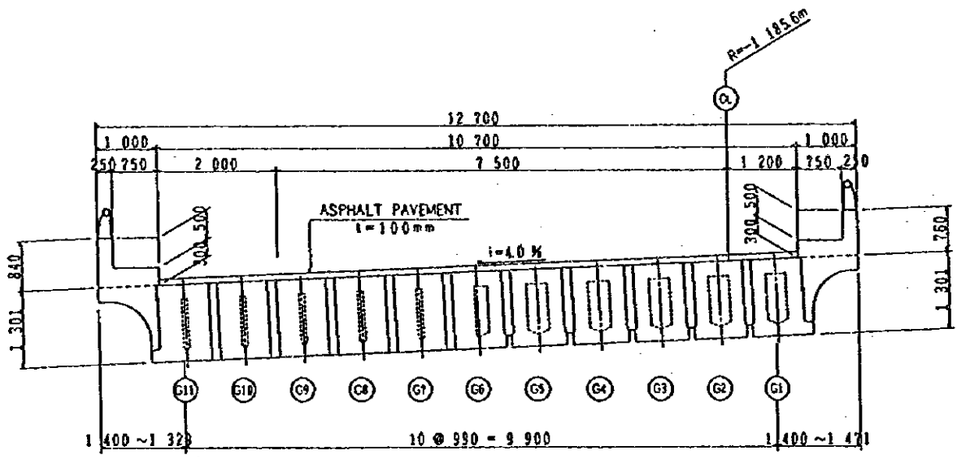
	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	CLIENT : MINISTRY OF COMMUNICATIONS, DIRECTORATE GENERAL OF ROADS
		PROJECT: D/D ON ROAD DEVELOPMENT PROJECT ON BATINAN HIGHWAY
	JICA STUDY TEAM PACIFIC CONSULTANTS INTERNATIONAL FUKUYAMA CONSULTANTS INTERNATIONAL	TITLE CO-ORDINATE LIST RA/14 AT B-LINE
		DATE / DWGNO. B-6



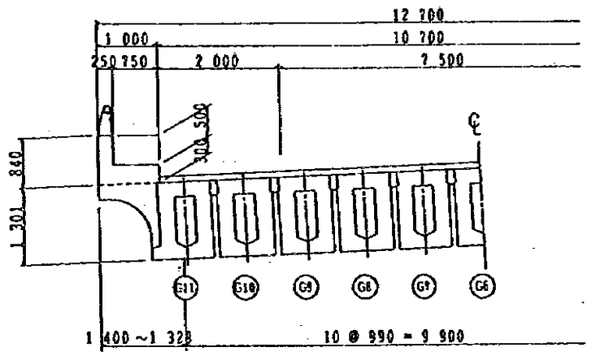
PROFILE OF BRIDGE s= 1/1000



PLAN s= 1/1000



GIRDER END MIDDLE SPAN



TYPICAL SEC.

SECTION s= 1/100

		G1
A1 ~ P2	L0	25 9
	L1	25 1
	L2	3 14
	θ	
P2 ~ P7	L0	25 9
	L1	25 1
	L2	3 14
	θ	
P7 ~ P9	L0	25 9
	L1	25 1
	L2	3 14
	θ	
P9 ~ P10	L0	25 9
	L1	25 1
	L2	3 14
	θ	
P10 ~ A2	L0	25 9
	L1	25 1
	L2	3 14
	θ	

GENERAL VIEW OF BRIDGE AT A-LINE

NOTES:

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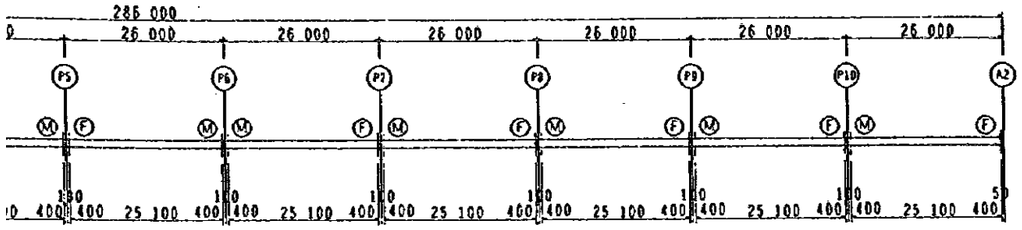
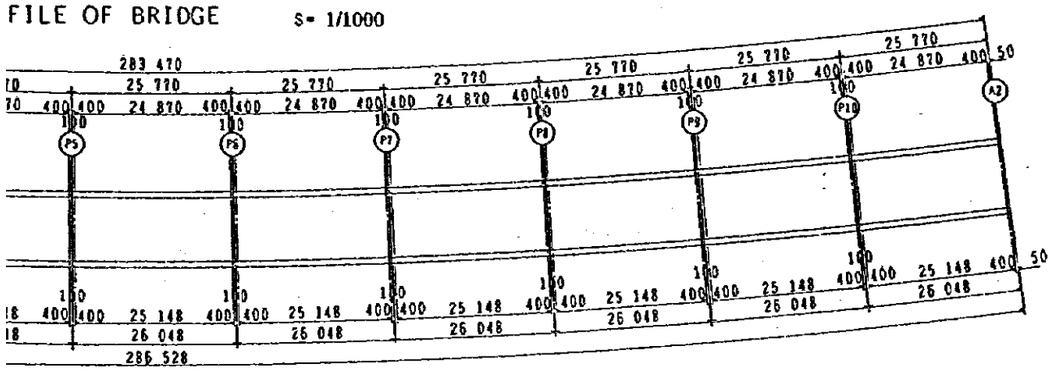
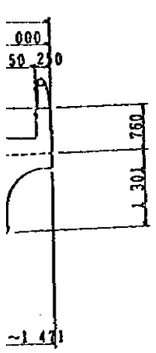
RA/14 FALAJ AL QABAIL

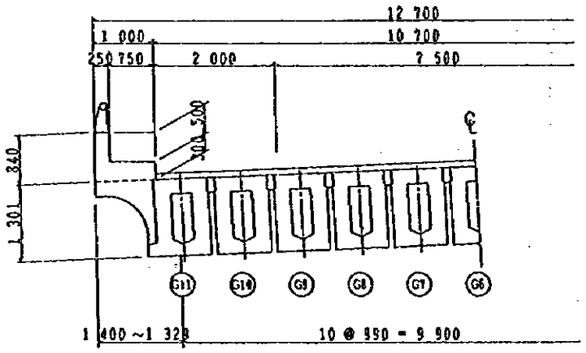


FILE OF BRIDGE s= 1/1000



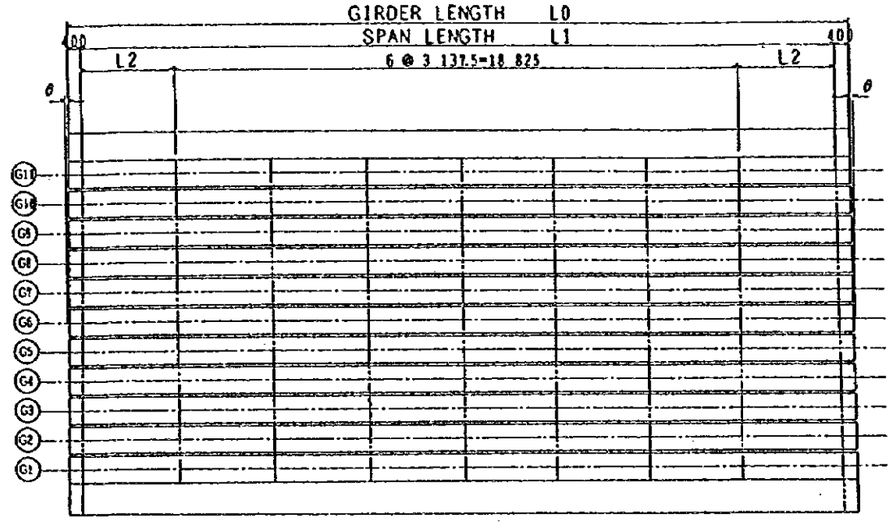
PLAN s= 1/1000





TYPICAL SEC.

SECTION s= 1/100



R=-1 185.6m (AT CL)

GIRDER LENGTH

		G1	G2	G3	G4	G5	G6	G7	G8	G9	G10	G11	REMARKS
A1 ~ P2	L0	25 918	25 896	25 875	25 853	25 831	25 810	25 788	25 766	25 744	25 723	25 701	INCLINED LENGTH
	L1	25 118	25 096	25 075	25 053	25 031	25 010	24 988	24 966	24 944	24 923	24 901	"
	L2	3 146.5	3 135.5	3 125.0	3 114.0	3 103.0	3 092.5	3 081.5	3 070.5	3 059.5	3 049.0	3 038.0	"
	θ	0.62833											
P2 ~ P7	L0	25 917	25 895	25 874	25 852	25 830	25 809	25 787	25 765	25 743	25 722	25 700	INCLINED LENGTH
	L1	25 117	25 095	25 074	25 052	25 030	25 009	24 987	24 965	24 923	24 922	24 900	"
	L2	3 146.0	3 135.0	3 124.5	3 113.5	3 102.5	3 092.0	3 081.0	3 070.0	3 049.0	3 048.5	3 037.5	"
	θ	0.62833											
P7 ~ P9	L0	25 918	25 896	25 875	25 853	25 831	25 810	25 788	25 766	25 744	25 723	25 701	INCLINED LENGTH
	L1	25 118	25 096	25 075	25 053	25 031	25 010	24 988	24 966	24 944	24 923	24 901	"
	L2	3 146.5	3 135.5	3 125.0	3 114.0	3 103.0	3 092.5	3 081.5	3 070.5	3 059.5	3 049.0	3 038.0	"
	θ	0.62833											
P9 ~ P11	L0	25 919	25 897	25 875	25 854	25 832	25 810	25 789	25 767	25 745	25 723	25 702	INCLINED LENGTH
	L1	25 119	25 097	25 075	25 054	25 032	25 010	24 989	24 967	24 945	24 923	24 902	"
	L2	3 147.0	3 136.0	3 125.5	3 114.5	3 103.5	3 092.5	3 082.0	3 071.0	3 060.0	3 049.0	3 038.5	"
	θ	0.62833											
P11 ~ A2	L0	25 920	25 898	25 876	25 854	25 833	25 811	25 790	25 768	25 746	25 724	25 703	INCLINED LENGTH
	L1	25 120	25 098	25 076	25 054	25 033	25 011	24 990	24 968	24 946	24 924	24 903	"
	L2	3 147.5	3 136.5	3 125.5	3 114.5	3 104.0	3 093.0	3 082.5	3 071.5	3 060.5	3 049.5	3 039.0	"
	θ	0.62833											

DIMENSION LIST FOR A-LINE

GENERAL VIEW OF BRIDGE AT A-LINE

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	CLIENT: MINISTRY OF COMMUNICATIONS, DIRECTORATE GENERAL OF ROADS
	PROJECT: D/D ON ROAD DEVELOPMENT PROJECT ON BATINAH HIGHWAY
JICA STUDY TEAM PACIFIC CONSULTANTS INTERNATIONAL FUKUYAMA CONSULTANTS INTERNATIONAL	TITLE: GENERAL VIEW OF BRIDGE AT A-LINE
	DATE / DWG NO. B-7