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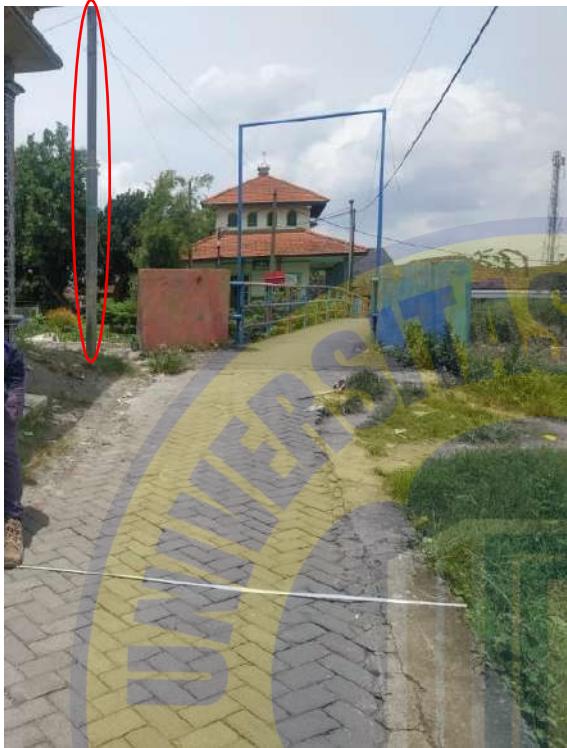
LAMPIRAN



Lampiran 1 uji sondir



Lampiran 2 penentuan titik gangguan
dengan total station



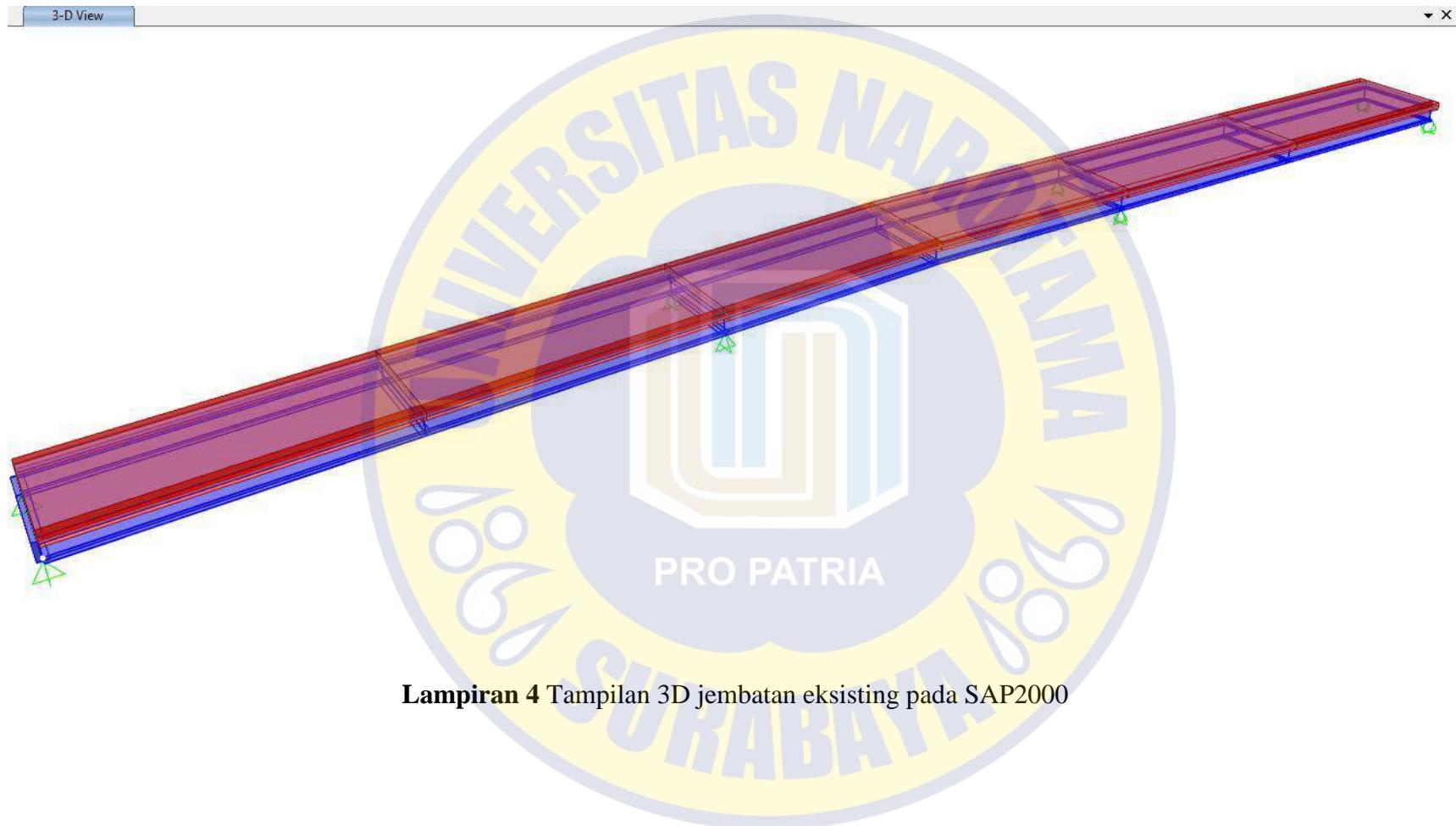
Lampiran 1 utilitas Tiang PJU
sisi selatan



Lampiran 2 utilitas support
tiang listrik sisi utara



Lampiran 3 Utilitas tiang Telkom sisi utara



Lampiran 4 Tampilan 3D jembatan eksisting pada SAP2000



Lampiran 5 Aplikasi beban mati tambahan pada jembatan eksisting





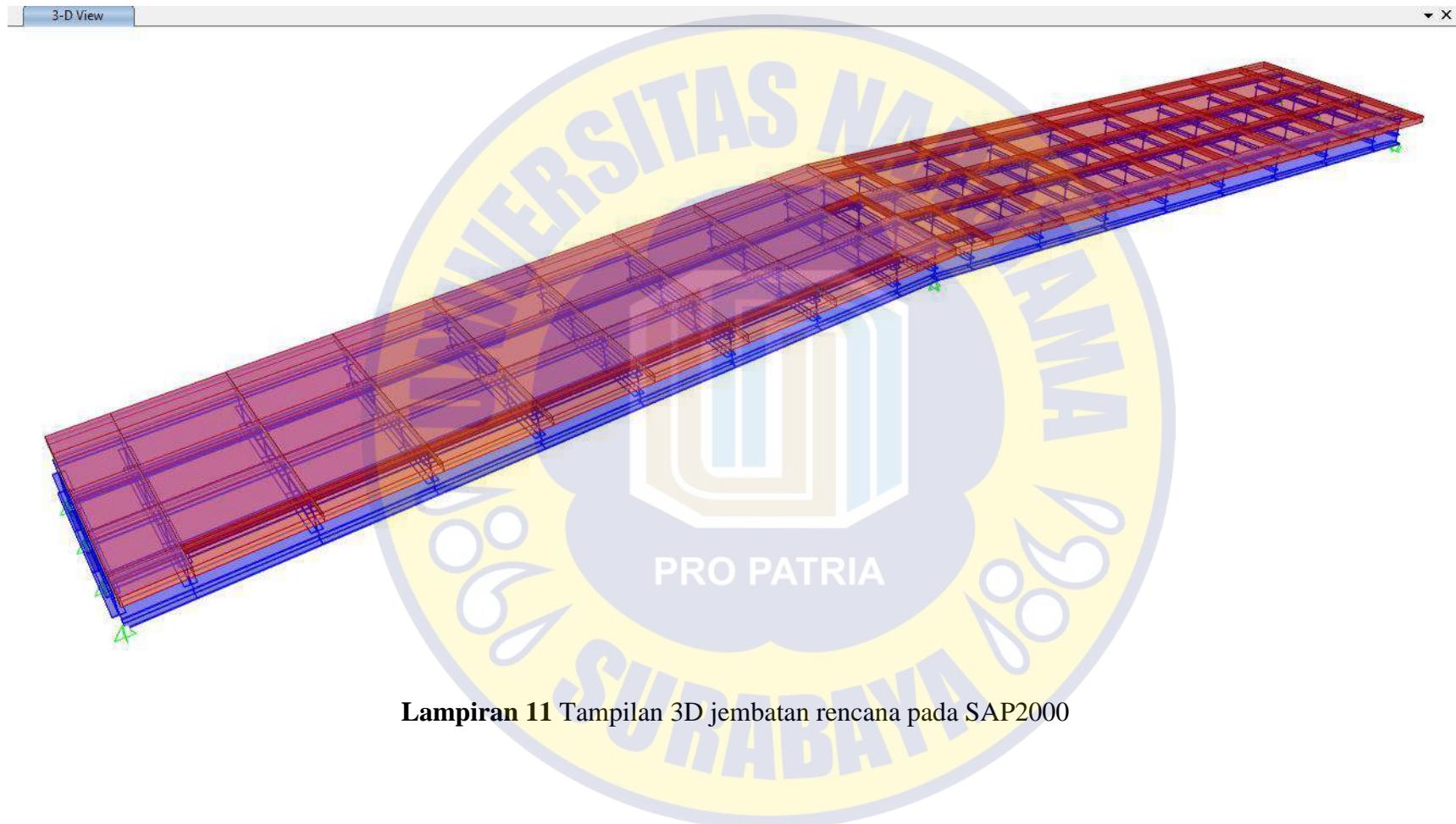


Lampiran 8 Aplikasi beban KEL "D" pada jembatan eksisting





Lampiran 10 Lendutan akibat beban envelope pada struktur jembatan eksisting



Lampiran 11 Tampilan 3D jembatan rencana pada SAP2000



Lampiran 12 Aplikasi beban mati tambahan pada jembatan rencana



Lampiran 13 Aplikasi beban mati pelat kendaraan pada jembatan rencana





Lampiran 15 Aplikasi beban KEL "D" pada jembatan rencana



Lampiran 16 Aplikasi beban "T" pada jembatan rencana





Lampiran 18 Lendutan akibat beban envelope pada jembatan rencana

Lampiran 19 Tabel hasil analisis SAP2000 pada gelagor melintang jembatan eksisting

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
15	0	Envelope	Combination	Max	2.887	-0.254	0.001563	-2.3E-05	0.002	-0.1498	15-1	0	
15	0.49333	Envelope	Combination	Max	2.887	-0.071	0.001563	-2.3E-05	0.0013	-0.0696	15-1	0.49333	
15	0.98667	Envelope	Combination	Max	2.887	0.111	0.001563	-2.3E-05	0.000487	-0.0794	15-1	0.98667	
15	1.48	Envelope	Combination	Max	2.887	0.293	0.001563	-2.3E-05	-0.00028	-0.179	15-1	1.48	
15	0	Envelope	Combination	Min	1.26	-0.254	0.001563	-2.3E-05	0.000232	-0.275	15-1	0	
15	0.49333	Envelope	Combination	Min	1.26	-0.071	0.001563	-2.3E-05	-0.00054	-0.1948	15-1	0.49333	
15	0.98667	Envelope	Combination	Min	1.26	0.111	0.001563	-2.3E-05	-0.0013	-0.2045	15-1	0.98667	
15	1.48	Envelope	Combination	Min	1.26	0.293	0.001563	-2.3E-05	-0.0021	-0.3041	15-1	1.48	
16	0	Envelope	Combination	Max	-6.918	-0.291	-0.00012	2.28E-06	0.0038	-0.7188	16-1	0	
16	0.49333	Envelope	Combination	Max	-6.918	-0.109	-0.00012	2.28E-06	0.0039	-0.6203	16-1	0.49333	
16	0.98667	Envelope	Combination	Max	-6.918	0.074	-0.00012	2.28E-06	0.0039	-0.6116	16-1	0.98667	
16	1.48	Envelope	Combination	Max	-6.918	0.256	-0.00012	2.28E-06	0.004	-0.6929	16-1	1.48	
16	0	Envelope	Combination	Min	-15.653	-0.291	-0.00012	2.28E-06	0.00068	-1.4602	16-1	0	
16	0.49333	Envelope	Combination	Min	-15.653	-0.109	-0.00012	2.28E-06	0.000741	-1.3616	16-1	0.49333	
16	0.98667	Envelope	Combination	Min	-15.653	0.074	-0.00012	2.28E-06	0.000802	-1.353	16-1	0.98667	
16	1.48	Envelope	Combination	Min	-15.653	0.256	-0.00012	2.28E-06	0.000862	-1.4343	16-1	1.48	
17	0	Envelope	Combination	Max	0.892	-0.253	-0.00119	1.85E-05	-0.0013	-0.0522	17-1	0	
17	0.49333	Envelope	Combination	Max	0.892	-0.07	-0.00119	1.85E-05	-0.00069	0.0275	17-1	0.49333	
17	0.98667	Envelope	Combination	Max	0.892	0.112	-0.00119	1.85E-05	-0.00011	0.0173	17-1	0.98667	
17	1.48	Envelope	Combination	Max	0.892	0.294	-0.00119	1.85E-05	0.000479	-0.0828	17-1	1.48	
17	0	Envelope	Combination	Min	0.001171	-0.253	-0.00119	1.85E-05	-0.0031	-0.1208	17-1	0	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
17	0.49333	Envelope	Combination	Min	0.001171	-0.07	-0.00119	1.85E-05	-0.0026	-0.041	17-1	0.49333	
17	0.98667	Envelope	Combination	Min	0.001171	0.112	-0.00119	1.85E-05	-0.002	-0.0512	17-1	0.98667	
17	1.48	Envelope	Combination	Min	0.001171	0.294	-0.00119	1.85E-05	-0.0014	-0.1514	17-1	1.48	
18	0	Envelope	Combination	Max	12.15	-0.249	-0.00084	1.28E-05	-0.00055	-0.3623	18-1	0	
18	0.49333	Envelope	Combination	Max	12.15	-0.067	-0.00084	1.28E-05	-0.00013	3.3066	18-1	0.49333	
18	0.98667	Envelope	Combination	Max	12.15	12.202	-0.00084	1.28E-05	0.000279	3.2945	18-1	0.98667	
18	1.48	Envelope	Combination	Max	12.15	36.558	-0.00084	1.28E-05	0.000692	-0.3984	18-1	1.48	
18	0	Envelope	Combination	Min	-5.073	-36.509	-0.00084	1.28E-05	-0.00073	-8.6968	18-1	0	
18	0.49333	Envelope	Combination	Min	-5.073	-12.153	-0.00084	1.28E-05	-0.00032	-0.2844	18-1	0.49333	
18	0.98667	Envelope	Combination	Min	-5.073	0.116	-0.00084	1.28E-05	9.5E-05	-0.2964	18-1	0.98667	
18	1.48	Envelope	Combination	Min	-5.073	0.298	-0.00084	1.28E-05	0.000508	-8.7329	18-1	1.48	
19	0	Envelope	Combination	Max	-0.876	-0.206	0.003081	-5.2E-05	0.0046	0.0501	19-1	0	
19	0.49333	Envelope	Combination	Max	-0.876	-0.024	0.003081	-5.2E-05	0.003	0.107	19-1	0.49333	
19	0.98667	Envelope	Combination	Max	-0.876	0.158	0.003081	-5.2E-05	0.0015	0.0739	19-1	0.98667	
19	1.48	Envelope	Combination	Max	-0.876	0.34	0.003081	-5.2E-05	5.59E-06	-0.0491	19-1	1.48	
19	0	Envelope	Combination	Min	-0.883	-0.206	0.003081	-5.2E-05	0.0025	0.0495	19-1	0	
19	0.49333	Envelope	Combination	Min	-0.883	-0.024	0.003081	-5.2E-05	0.000943	0.1064	19-1	0.49333	
19	0.98667	Envelope	Combination	Min	-0.883	0.158	0.003081	-5.2E-05	-0.00058	0.0733	19-1	0.98667	
19	1.48	Envelope	Combination	Min	-0.883	0.34	0.003081	-5.2E-05	-0.0021	-0.0497	19-1	1.48	
20	0	Envelope	Combination	Max	-9.629	-0.294	0.00154	-2.5E-05	0.000563	-0.8257	20-1	0	
20	0.49333	Envelope	Combination	Max	-9.629	-0.112	0.00154	-2.5E-05	-0.0002	-0.7256	20-1	0.49333	
20	0.98667	Envelope	Combination	Max	-9.629	0.071	0.00154	-2.5E-05	-0.00096	-0.7154	20-1	0.98667	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
20	1.48	Envelope	Combination	Max	-9.629	0.253	0.00154	-2.5E-05	-0.0017	-0.7951	20-1	1.48	
20	0	Envelope	Combination	Min	-21.512	-0.294	0.00154	-2.5E-05	-0.0028	-1.6941	20-1	0	
20	0.49333	Envelope	Combination	Min	-21.512	-0.112	0.00154	-2.5E-05	-0.0035	-1.594	20-1	0.49333	
20	0.98667	Envelope	Combination	Min	-21.512	0.071	0.00154	-2.5E-05	-0.0043	-1.5839	20-1	0.98667	
20	1.48	Envelope	Combination	Min	-21.512	0.253	0.00154	-2.5E-05	-0.0051	-1.6636	20-1	1.48	
21	0	Envelope	Combination	Max	2.97	-0.278	-0.00054	7.48E-06	0.000127	-0.1861	21-1	0	
21	0.49333	Envelope	Combination	Max	2.97	-0.096	-0.00054	7.48E-06	0.000395	-0.0938	21-1	0.49333	
21	0.98667	Envelope	Combination	Max	2.97	0.086	-0.00054	7.48E-06	0.000663	-0.0914	21-1	0.98667	
21	1.48	Envelope	Combination	Max	2.97	0.269	-0.00054	7.48E-06	0.000931	-0.1789	21-1	1.48	
21	0	Envelope	Combination	Min	1.4	-0.278	-0.00054	7.48E-06	-0.0016	-0.3445	21-1	0	
21	0.49333	Envelope	Combination	Min	1.4	-0.096	-0.00054	7.48E-06	-0.0013	-0.2522	21-1	0.49333	
21	0.98667	Envelope	Combination	Min	1.4	0.086	-0.00054	7.48E-06	-0.0011	-0.2498	21-1	0.98667	
21	1.48	Envelope	Combination	Min	1.4	0.269	-0.00054	7.48E-06	-0.00081	-0.3373	21-1	1.48	

Lampiran 20 Tabel gaya dalam ultimit dari gelagar melintang jembatan eksisting

Gaya Dalam Maksimum											
P		V2		V3		T		M2		M3	
Positif	Negatif	Positif	Negatif	Positif	Negatif	Positif	Negatif	Positif	Negatif	Positif	Negatif
KN	KN	KN	KN	KN	KN	KN-m	KN-m	KN-m	KN-m	KN-m	KN-m
12.15	-21.512	36.558	-36.509	0.003081	-0.00119	1.85E-05	-5.2E-05	0.0046	-0.0051	3.3066	-8.7329

Lampiran 21 Tabel hasil analisis SAP2000 pada gelagar memanjang jembatan eksisting

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
1	0	Envelope	Combination	Max	13.127	-8.497	-0.128	0.000296	-0.0854	-14.469	1-1	0	
1	1.9879	Envelope	Combination	Max	13.142	-7.763	-0.00078	0.000296	0.0424	3.4508	1-1	1.9879	
1	3.97581	Envelope	Combination	Max	13.157	-7.028	0.126	0.000296	-0.0812	36.4629	1-1	3.97581	
1	0	Envelope	Combination	Min	5.328	-17.708	-0.129	0.000149	-0.0881	-31.0211	1-1	0	
1	1.9879	Envelope	Combination	Min	5.343	-16.974	-0.00175	0.000149	0.0416	1.6924	1-1	1.9879	
1	3.97581	Envelope	Combination	Min	5.358	-16.239	0.125	0.000149	-0.0823	16.3941	1-1	3.97581	
2	0	Envelope	Combination	Max	-20.301	21.96	-0.125	-0.00017	-0.08	43.8758	2-1	0	
2	1.9879	Envelope	Combination	Max	-20.286	22.694	0.001654	-0.00017	0.043	-0.056	2-1	1.9879	
2	3.97581	Envelope	Combination	Max	-20.271	23.428	0.129	-0.00017	-0.0854	-21.2673	2-1	3.97581	
2	0	Envelope	Combination	Min	-45.074	9.569	-0.126	-0.00033	-0.0827	19.6956	2-1	0	
2	1.9879	Envelope	Combination	Min	-45.059	10.303	0.000695	-0.00033	0.0422	-0.5082	2-1	1.9879	
2	3.97581	Envelope	Combination	Min	-45.044	11.037	0.128	-0.00033	-0.0866	-46.3519	2-1	3.97581	
3	0	Envelope	Combination	Max	1.646	-7.542	-0.109	9.52E-05	-0.0624	-12.0286	3-1	0	
3	1.72285	Envelope	Combination	Max	1.659	-6.905	0.000815	9.52E-05	0.0316	0.6373	3-1	1.72285	
3	3.4457	Envelope	Combination	Max	1.672	-6.269	0.111	9.52E-05	-0.0614	45.7321	3-1	3.4457	
3	0	Envelope	Combination	Min	-22.939	-27.129	-0.111	-9.1E-05	-0.0652	-45.5541	3-1	0	
3	1.72285	Envelope	Combination	Min	-22.926	-26.493	-0.00112	-9.1E-05	0.031	0.4164	3-1	1.72285	
3	3.4457	Envelope	Combination	Min	-22.913	-25.856	0.109	-9.1E-05	-0.0653	11.765	3-1	3.4457	
4	0	Envelope	Combination	Max	-19.656	29.398	-0.115	4.74E-05	-0.0681	51.4314	4-1	0	
4	1.80783	Envelope	Combination	Max	-19.669	30.066	0.000941	4.74E-05	0.0346	-1.017	4-1	1.80783	
4	3.61567	Envelope	Combination	Max	-19.682	30.734	0.116	4.74E-05	-0.0688	-17.7533	4-1	3.61567	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
4	0	Envelope	Combination	Min	-66.828	8.256	-0.116	-0.00011	-0.0721	14.5119	4-1	0	
4	1.80783	Envelope	Combination	Min	-66.841	8.924	-0.00089	-0.00011	0.034	-2.3194	4-1	1.80783	
4	3.61567	Envelope	Combination	Min	-66.854	9.592	0.115	-0.00011	-0.0715	-57.2774	4-1	3.61567	
5	0	Envelope	Combination	Max	40.297	-11.926	-0.125	0.000434	-0.0829	-21.0397	5-1	0	
5	1.94541	Envelope	Combination	Max	40.283	-11.208	-0.001	0.000434	0.0408	2.9307	5-1	1.94541	
5	3.89083	Envelope	Combination	Max	40.268	-10.489	0.123	0.000434	-0.0759	49.9646	5-1	3.89083	
5	0	Envelope	Combination	Min	18.594	-25.255	-0.127	0.000222	-0.0845	-45.5012	5-1	0	
5	1.94541	Envelope	Combination	Min	18.579	-24.536	-0.00221	0.000222	0.04	1.4627	5-1	1.94541	
5	3.89083	Envelope	Combination	Min	18.564	-23.818	0.122	0.000222	-0.079	22.5671	5-1	3.89083	
6	0	Envelope	Combination	Max	142.36	13.545	-0.122	-0.00017	-0.0763	36.9193	6-1	0	
6	1.94541	Envelope	Combination	Max	142.345	14.263	0.002459	-0.00017	0.0406	9.8704	6-1	1.94541	
6	3.89083	Envelope	Combination	Max	142.33	14.982	0.127	-0.00017	-0.0825	-8.6084	6-1	3.89083	
6	0	Envelope	Combination	Min	65.486	5.745	-0.123	-0.00035	-0.0782	16.5394	6-1	0	
6	1.94541	Envelope	Combination	Min	65.471	6.463	0.001111	-0.00035	0.0398	4.6645	6-1	1.94541	
6	3.89083	Envelope	Combination	Min	65.456	7.182	0.125	-0.00035	-0.0859	-18.5765	6-1	3.89083	
7	0	Envelope	Combination	Max	142.123	-7.158	-0.00084	0.000307	-0.0013	-8.5722	7-1	0	
7	1.94541	Envelope	Combination	Max	142.138	-6.44	-0.00084	0.000307	0.00029	9.8609	7-1	1.94541	
7	3.89083	Envelope	Combination	Max	142.153	-5.721	-0.00084	0.000307	0.0038	36.864	7-1	3.89083	
7	0	Envelope	Combination	Min	65.25	-14.958	-0.00219	0.000134	-0.0047	-18.5402	7-1	0	
7	1.94541	Envelope	Combination	Min	65.264	-14.24	-0.00219	0.000134	-0.00048	4.655	7-1	1.94541	
7	3.89083	Envelope	Combination	Min	65.279	-13.521	-0.00219	0.000134	0.0019	16.4841	7-1	3.89083	
8	0	Envelope	Combination	Max	39.55	23.835	0.001658	-0.00017	0.0042	49.9911	8-1	0	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
8	1.94541	Envelope	Combination	Max	39.565	24.554	0.001658	-0.00017	0.000978	2.9227	8-1	1.94541	
8	3.89083	Envelope	Combination	Max	39.58	25.272	0.001658	-0.00017	-0.00069	-21.0823	8-1	3.89083	
8	0	Envelope	Combination	Min	17.846	10.507	0.000446	-0.00038	0.0011	22.5936	8-1	0	
8	1.94541	Envelope	Combination	Min	17.861	11.225	0.000446	-0.00038	0.000183	1.4546	8-1	1.94541	
8	3.89083	Envelope	Combination	Min	17.876	11.944	0.000446	-0.00038	-0.0022	-45.5438	8-1	3.89083	
9	0	Envelope	Combination	Max	-19.881	-9.567	0.001276	8.72E-05	0.002	-17.6877	9-1	0	
9	1.80783	Envelope	Combination	Max	-19.869	-8.899	0.001276	8.72E-05	0.000378	-0.9964	9-1	1.80783	
9	3.61567	Envelope	Combination	Max	-19.856	-8.231	0.001276	8.72E-05	0.0014	51.407	9-1	3.61567	
9	0	Envelope	Combination	Min	-67.053	-30.709	-0.00055	-7.3E-05	-0.00062	-57.2118	9-1	0	
9	1.80783	Envelope	Combination	Min	-67.04	-30.041	-0.00055	-7.3E-05	-0.00026	-2.2988	9-1	1.80783	
9	3.61567	Envelope	Combination	Min	-67.027	-29.373	-0.00055	-7.3E-05	-0.0026	14.4876	9-1	3.61567	
10	0	Envelope	Combination	Max	1.6	25.833	0.000924	0.000109	0.0016	45.6939	10-1	0	
10	1.72285	Envelope	Combination	Max	1.587	26.469	0.000924	0.000109	3.42E-05	0.6392	10-1	1.72285	
10	3.4457	Envelope	Combination	Max	1.574	27.106	0.000924	0.000109	0.0012	-11.9865	10-1	3.4457	
10	0	Envelope	Combination	Min	-22.985	6.246	-0.00101	-7.7E-05	-0.0023	11.7267	10-1	0	
10	1.72285	Envelope	Combination	Min	-22.998	6.882	-0.00101	-7.7E-05	-0.00053	0.4183	10-1	1.72285	
10	3.4457	Envelope	Combination	Min	-23.011	7.518	-0.00101	-7.7E-05	-0.0016	-45.5119	10-1	3.4457	
11	0	Envelope	Combination	Max	-20.204	-11.032	-0.00033	0.000293	-0.00069	-21.2614	11-1	0	
11	1.9879	Envelope	Combination	Max	-20.218	-10.298	-0.00033	0.000293	0.000722	-0.0607	11-1	1.9879	
11	3.97581	Envelope	Combination	Max	-20.233	-9.563	-0.00033	0.000293	0.0033	43.8604	11-1	3.97581	
11	0	Envelope	Combination	Min	-44.977	-23.423	-0.00129	0.000133	-0.0018	-46.3459	11-1	0	
11	1.9879	Envelope	Combination	Min	-44.992	-22.689	-0.00129	0.000133	-3E-05	-0.5129	11-1	1.9879	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
11	3.97581	Envelope	Combination	Min	-45.006	-21.954	-0.00129	0.000133	0.00063	19.6802	11-1	3.97581	
12	0	Envelope	Combination	Max	13.247	16.234	0.001424	-0.00011	0.0021	36.445	12-1	0	
12	1.9879	Envelope	Combination	Max	13.233	16.968	0.001424	-0.00011	3.91E-05	3.4433	12-1	1.9879	
12	3.97581	Envelope	Combination	Max	13.218	17.703	0.001424	-0.00011	-0.00087	-14.4662	12-1	3.97581	
12	0	Envelope	Combination	Min	5.449	7.023	0.000458	-0.00026	0.00095	16.3763	12-1	0	
12	1.9879	Envelope	Combination	Min	5.434	7.758	0.000458	-0.00026	-0.00072	1.685	12-1	1.9879	
12	3.97581	Envelope	Combination	Min	5.419	8.492	0.000458	-0.00026	-0.0035	-31.0182	12-1	3.97581	

Lampiran 22 Tabel gaya dalam ultimit dari gelagor memanjang jembatan eksisting

Gaya Dalam Maksimum											
P		V2		V3		T		M2		M3	
Positif	Negatif	Positif	Negatif	Positif	Negatif	Positif	Negatif	Positif	Negatif	Positif	Negatif
KN	KN	KN	KN	KN	KN	KN-m	KN-m	KN-m	KN-m	KN-m	KN-m
142.36	-67.053	30.734	-30.709	0.129	-0.129	0.000434	-0.00038	0.043	-0.0881	51.4314	-57.2774

Lampiran 23 Tabel hasil analisis SAP2000 pada gelagor melintang jembatan rencana

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
133	0	Envelope	Combination	Max	5.792	-0.699	0.236	3.04E-05	0.1459	-0.5884	133-1	0	
133	0.5	Envelope	Combination	Max	5.792	-0.524	0.236	3.04E-05	0.0278	-0.0873	133-1	0.5	
133	1	Envelope	Combination	Max	5.792	-0.35	0.236	3.04E-05	0.0055	1.0138	133-1	1	
133	0	Envelope	Combination	Min	-3.396	-2.464	-0.00018	-0.00054	0.0053	-1.2756	133-1	0	
133	0.5	Envelope	Combination	Min	-3.396	-2.289	-0.00018	-0.00054	0.0054	-0.2828	133-1	0.5	
133	1	Envelope	Combination	Min	-3.396	-2.115	-0.00018	-0.00054	-0.0903	-0.0644	133-1	1	
134	0	Envelope	Combination	Max	11.429	-0.163	0.00296	-5.7E-06	0.0213	0.4593	134-1	0	
134	0.5	Envelope	Combination	Max	11.429	0.011	0.00296	-5.7E-06	0.0198	0.4975	134-1	0.5	
134	1	Envelope	Combination	Max	11.429	0.185	0.00296	-5.7E-06	0.0183	0.4484	134-1	1	
134	0	Envelope	Combination	Min	-2.334	-0.163	0.00296	-5.7E-06	0.0034	-0.2426	134-1	0	
134	0.5	Envelope	Combination	Min	-2.334	0.011	0.00296	-5.7E-06	0.0019	-0.2045	134-1	0.5	
134	1	Envelope	Combination	Min	-2.334	0.185	0.00296	-5.7E-06	0.000467	-0.2536	134-1	1	
157	0	Envelope	Combination	Max	5.646	2.139	0.007642	0.00053	0.009	1.0199	157-1	0	
157	0.5	Envelope	Combination	Max	5.646	2.314	0.007642	0.00053	0.0275	-0.0933	157-1	0.5	
157	1	Envelope	Combination	Max	5.646	2.488	0.007642	0.00053	0.1419	-0.6065	157-1	1	
157	0	Envelope	Combination	Min	-3.542	0.374	-0.229	-4.3E-05	-0.0868	-0.0583	157-1	0	
157	0.5	Envelope	Combination	Min	-3.542	0.548	-0.229	-4.3E-05	0.0052	-0.2888	157-1	0.5	
157	1	Envelope	Combination	Min	-3.542	0.723	-0.229	-4.3E-05	0.0013	-1.2936	157-1	1	
160	0	Envelope	Combination	Max	84.354	-0.674	0.002237	6.25E-05	0.021	-0.9056	160-1	0	
160	0.3125	Envelope	Combination	Max	84.354	-0.565	0.002237	6.25E-05	0.0203	3.0782	160-1	0.3125	
160	0.625	Envelope	Combination	Max	84.354	-0.456	0.002237	6.25E-05	0.0196	37.2233	160-1	0.625	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
160	0.625	Envelope	Combination	Max	84.354	183.29	0.002237	6.25E-05	0.0196	37.2233	160-2	0	
160	1	Envelope	Combination	Max	84.354	183.421	0.002237	6.25E-05	0.0188	-0.4064	160-2	0.375	
160	0	Envelope	Combination	Min	-4.606	-109.428	-0.025	-0.00014	-0.0117	-31.1009	160-1	0	
160	0.3125	Envelope	Combination	Min	-4.606	-109.319	-0.025	-0.00014	-0.004	-0.7121	160-1	0.3125	
160	0.625	Envelope	Combination	Min	-4.606	-109.21	-0.025	-0.00014	0.0037	-0.5527	160-1	0.625	
160	0.625	Envelope	Combination	Min	-4.606	-0.456	-0.025	-0.00014	0.0037	-0.5527	160-2	0	
160	1	Envelope	Combination	Min	-4.606	-0.325	-0.025	-0.00014	0.0129	-31.5351	160-2	0.375	
161	0	Envelope	Combination	Max	16.256	-0.152	0.001659	-3.5E-06	0.0134	-0.5858	161-1	0	
161	0.5	Envelope	Combination	Max	16.256	0.023	0.001659	-3.5E-06	0.0126	-0.5537	161-1	0.5	
161	1	Envelope	Combination	Max	16.256	0.197	0.001659	-3.5E-06	0.0118	-0.6088	161-1	1	
161	0	Envelope	Combination	Min	-3.48	-0.152	0.001659	-3.5E-06	0.0022	-0.7271	161-1	0	
161	0.5	Envelope	Combination	Min	-3.48	0.023	0.001659	-3.5E-06	0.0013	-0.695	161-1	0.5	
161	1	Envelope	Combination	Min	-3.48	0.197	0.001659	-3.5E-06	0.000518	-0.7501	161-1	1	
162	0	Envelope	Combination	Max	84.14	0.363	0.028	0.000133	0.0205	-0.3967	162-1	0	
162	0.375	Envelope	Combination	Max	84.14	0.494	0.028	0.000133	0.0201	37.2185	162-1	0.375	
162	0.375	Envelope	Combination	Max	84.14	109.248	0.028	0.000133	0.0201	37.2185	162-2	0	
162	0.6875	Envelope	Combination	Max	84.14	109.357	0.028	0.000133	0.0198	3.0614	162-2	0.3125	
162	1	Envelope	Combination	Max	84.14	109.466	0.028	0.000133	0.0195	-0.9344	162-2	0.625	
162	0	Envelope	Combination	Min	-4.82	-183.383	0.001036	-7E-05	0.0146	-31.5254	162-1	0	
162	0.375	Envelope	Combination	Min	-4.82	-183.252	0.001036	-7E-05	0.0042	-0.5574	162-1	0.375	
162	0.375	Envelope	Combination	Min	-4.82	0.494	0.001036	-7E-05	0.0042	-0.5574	162-2	0	
162	0.6875	Envelope	Combination	Min	-4.82	0.603	0.001036	-7E-05	-0.0046	-0.7289	162-2	0.3125	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
162	1	Envelope	Combination	Min	-4.82	0.712	0.001036	-7E-05	-0.0133	-31.1298	162-2	0.625	
165	0	Envelope	Combination	Max	17.51	-0.419	-0.023	0.000257	-0.0139	-0.9359	165-1	0	
165	0.5	Envelope	Combination	Max	17.51	-0.244	-0.023	0.000257	0.0026	-0.696	165-1	0.5	
165	1	Envelope	Combination	Max	17.51	-0.07	-0.023	0.000257	0.0828	2.3737	165-1	1	
165	0	Envelope	Combination	Min	-5.252	-6.401	-0.16	4.54E-05	-0.0775	-3.8529	165-1	0	
165	0.5	Envelope	Combination	Min	-5.252	-6.227	-0.16	4.54E-05	-0.0025	-0.7701	165-1	0.5	
165	1	Envelope	Combination	Min	-5.252	-6.052	-0.16	4.54E-05	0.0089	-0.6915	165-1	1	
166	0	Envelope	Combination	Max	33.868	-0.151	-0.00105	9.65E-07	-0.0026	0.2362	166-1	0	
166	0.5	Envelope	Combination	Max	33.868	0.023	-0.00105	9.65E-07	-0.002	0.2681	166-1	0.5	
166	1	Envelope	Combination	Max	33.868	0.198	-0.00105	9.65E-07	-0.0015	0.2128	166-1	1	
166	0	Envelope	Combination	Min	-4.625	-0.151	-0.00105	9.65E-07	-0.0049	-0.7774	166-1	0	
166	0.5	Envelope	Combination	Min	-4.625	0.023	-0.00105	9.65E-07	-0.0044	-0.7455	166-1	0.5	
166	1	Envelope	Combination	Min	-4.625	0.198	-0.00105	9.65E-07	-0.0039	-0.8008	166-1	1	
167	0	Envelope	Combination	Max	17.293	6.088	0.159	-4.4E-05	0.082	2.3819	167-1	0	
167	0.5	Envelope	Combination	Max	17.293	6.263	0.159	-4.4E-05	0.0026	-0.7058	167-1	0.5	
167	1	Envelope	Combination	Max	17.293	6.437	0.159	-4.4E-05	-0.0132	-0.9637	167-1	1	
167	0	Envelope	Combination	Min	-5.47	0.106	0.021	-0.00026	0.0081	-0.6832	167-1	0	
167	0.5	Envelope	Combination	Min	-5.47	0.281	0.021	-0.00026	-0.0025	-0.7798	167-1	0.5	
167	1	Envelope	Combination	Min	-5.47	0.455	0.021	-0.00026	-0.0768	-3.8807	167-1	1	
170	0	Envelope	Combination	Max	18.036	-0.333	0.053	4.55E-06	0.0242	-0.9256	170-1	0	
170	0.5	Envelope	Combination	Max	18.036	-0.159	0.053	4.55E-06	-0.0022	-0.8025	170-1	0.5	
170	1	Envelope	Combination	Max	18.036	0.016	0.053	4.55E-06	-0.0013	2.335	170-1	1	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
170	0	Envelope	Combination	Min	-5.482	-6.585	-0.00643	-0.00022	-0.0078	-4.0756	170-1	0	
170	0.5	Envelope	Combination	Min	-5.482	-6.411	-0.00643	-0.00022	-0.0045	-0.8267	170-1	0.5	
170	1	Envelope	Combination	Min	-5.482	-6.236	-0.00643	-0.00022	-0.0286	-0.7667	170-1	1	
171	0	Envelope	Combination	Max	34.765	-0.15	-0.00356	5.47E-06	0.0078	0.1477	171-1	0	
171	0.5	Envelope	Combination	Max	34.765	0.024	-0.00356	5.47E-06	0.0096	0.1792	171-1	0.5	
171	1	Envelope	Combination	Max	34.765	0.199	-0.00356	5.47E-06	0.0114	0.1235	171-1	1	
171	0	Envelope	Combination	Min	-5.102	-0.15	-0.00356	5.47E-06	-0.0058	-0.8169	171-1	0	
171	0.5	Envelope	Combination	Min	-5.102	0.024	-0.00356	5.47E-06	-0.004	-0.7854	171-1	0.5	
171	1	Envelope	Combination	Min	-5.102	0.199	-0.00356	5.47E-06	-0.0023	-0.8411	171-1	1	
172	0	Envelope	Combination	Max	17.814	6.273	-0.00026	0.000234	-0.0046	2.344	172-1	0	
172	0.5	Envelope	Combination	Max	17.814	6.447	-0.00026	0.000234	-0.0022	-0.8119	172-1	0.5	
172	1	Envelope	Combination	Max	17.814	6.622	-0.00026	0.000234	0.0276	-0.9533	172-1	1	
172	0	Envelope	Combination	Min	-5.705	0.021	-0.059	6.5E-06	-0.0319	-0.7577	172-1	0	
172	0.5	Envelope	Combination	Min	-5.705	0.196	-0.059	6.5E-06	-0.0045	-0.836	172-1	0.5	
172	1	Envelope	Combination	Min	-5.705	0.37	-0.059	6.5E-06	-0.0044	-4.1033	172-1	1	
175	0	Envelope	Combination	Max	86.514	-0.362	0.004197	7.92E-05	-0.0051	-0.8408	175-1	0	
175	0.3125	Envelope	Combination	Max	86.514	-0.253	0.004197	7.92E-05	-0.0065	2.6123	175-1	0.3125	
175	0.625	Envelope	Combination	Max	86.514	-0.144	0.004197	7.92E-05	0.0204	37.0117	175-1	0.625	
175	0.625	Envelope	Combination	Max	86.514	182.477	0.004197	7.92E-05	0.0204	37.0117	175-2	0	
175	1	Envelope	Combination	Max	86.514	182.607	0.004197	7.92E-05	0.0638	-0.6534	175-2	0.375	
175	0	Envelope	Combination	Min	-5.454	-110.242	-0.116	-2.6E-05	-0.0519	-31.8211	175-1	0	
175	0.3125	Envelope	Combination	Min	-5.454	-110.132	-0.116	-2.6E-05	-0.0158	-0.7448	175-1	0.3125	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
175	0.625	Envelope	Combination	Min	-5.454	-110.023	-0.116	-2.6E-05	-0.0078	-0.6828	175-1	0.625	
175	0.625	Envelope	Combination	Min	-5.454	-0.144	-0.116	-2.6E-05	-0.0078	-0.6828	175-2	0	
175	1	Envelope	Combination	Min	-5.454	-0.013	-0.116	-2.6E-05	-0.0093	-31.4415	175-2	0.375	
176	0	Envelope	Combination	Max	20.719	-0.149	-0.00546	8.37E-06	-0.0074	-0.7159	176-1	0	
176	0.5	Envelope	Combination	Max	20.719	0.026	-0.00546	8.37E-06	-0.0046	-0.6853	176-1	0.5	
176	1	Envelope	Combination	Max	20.719	0.2	-0.00546	8.37E-06	-0.0019	-0.7418	176-1	1	
176	0	Envelope	Combination	Min	-5.028	-0.149	-0.00546	8.37E-06	-0.009	-0.9126	176-1	0	
176	0.5	Envelope	Combination	Min	-5.028	0.026	-0.00546	8.37E-06	-0.0063	-0.8819	176-1	0.5	
176	1	Envelope	Combination	Min	-5.028	0.2	-0.00546	8.37E-06	-0.0036	-0.9385	176-1	1	
177	0	Envelope	Combination	Max	86.282	0.051	0.106	4.26E-05	0.0589	-0.6433	177-1	0	
177	0.375	Envelope	Combination	Max	86.282	0.182	0.106	4.26E-05	0.0192	37.0077	177-1	0.375	
177	0.375	Envelope	Combination	Max	86.282	110.061	0.106	4.26E-05	0.0192	37.0077	177-2	0	
177	0.6875	Envelope	Combination	Max	86.282	110.17	0.106	4.26E-05	-0.0046	2.5965	177-2	0.3125	
177	1	Envelope	Combination	Max	86.282	110.279	0.106	4.26E-05	-0.00019	-0.8685	177-2	0.625	
177	0	Envelope	Combination	Min	-5.686	-182.57	-0.014	-6.3E-05	-0.0143	-31.4314	177-1	0	
177	0.375	Envelope	Combination	Min	-5.686	-182.439	-0.014	-6.3E-05	-0.009	-0.6868	177-1	0.375	
177	0.375	Envelope	Combination	Min	-5.686	0.182	-0.014	-6.3E-05	-0.009	-0.6868	177-2	0	
177	0.6875	Envelope	Combination	Min	-5.686	0.291	-0.014	-6.3E-05	-0.0139	-0.7606	177-2	0.3125	
177	1	Envelope	Combination	Min	-5.686	0.4	-0.014	-6.3E-05	-0.047	-31.8488	177-2	0.625	
180	0	Envelope	Combination	Max	13.751	-0.366	0.00038	0.000527	-0.0076	-0.629	180-1	0	
180	0.5	Envelope	Combination	Max	13.751	-0.192	0.00038	0.000527	-0.0077	-0.4895	180-1	0.5	
180	1	Envelope	Combination	Max	13.751	-0.017	0.00038	0.000527	0.1273	1.9447	180-1	1	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
180	0	Envelope	Combination	Min	-5.535	-5.219	-0.289	-2.8E-05	-0.1617	-3.0999	180-1	0	
180	0.5	Envelope	Combination	Min	-5.535	-5.045	-0.289	-2.8E-05	-0.0172	-0.534	180-1	0.5	
180	1	Envelope	Combination	Min	-5.535	-4.87	-0.289	-2.8E-05	-0.0079	-0.4371	180-1	1	
181	0	Envelope	Combination	Max	26.368	-0.147	-0.00526	7.18E-06	-0.0095	0.2878	181-1	0	
181	0.5	Envelope	Combination	Max	26.368	0.028	-0.00526	7.18E-06	-0.0069	0.3175	181-1	0.5	
181	1	Envelope	Combination	Max	26.368	0.202	-0.00526	7.18E-06	-0.0042	0.26	181-1	1	
181	0	Envelope	Combination	Min	-5.192	-0.147	-0.00526	7.18E-06	-0.0127	-0.5057	181-1	0	
181	0.5	Envelope	Combination	Min	-5.192	0.028	-0.00526	7.18E-06	-0.01	-0.476	181-1	0.5	
181	1	Envelope	Combination	Min	-5.192	0.202	-0.00526	7.18E-06	-0.0074	-0.5336	181-1	1	
182	0	Envelope	Combination	Max	13.503	4.91	0.279	4.34E-05	0.1224	1.9571	182-1	0	
182	0.5	Envelope	Combination	Max	13.503	5.085	0.279	4.34E-05	-0.0076	-0.4971	182-1	0.5	
182	1	Envelope	Combination	Max	13.503	5.259	0.279	4.34E-05	-0.0023	-0.6566	182-1	1	
182	0	Envelope	Combination	Min	-5.782	0.057	-0.011	-0.00051	-0.0129	-0.4248	182-1	0	
182	0.5	Envelope	Combination	Min	-5.782	0.232	-0.011	-0.00051	-0.017	-0.5416	182-1	0.5	
182	1	Envelope	Combination	Min	-5.782	0.406	-0.011	-0.00051	-0.1564	-3.1275	182-1	1	
185	0	Envelope	Combination	Max	2.183	0.04	-0.033	0.000304	-0.027	-0.1234	185-1	0	
185	0.5	Envelope	Combination	Max	2.183	0.214	-0.033	0.000304	-0.0106	-0.187	185-1	0.5	
185	1	Envelope	Combination	Max	2.183	0.389	-0.033	0.000304	0.0751	0.085	185-1	1	
185	0	Envelope	Combination	Min	-6.532	-0.828	-0.183	3.82E-06	-0.1083	-0.5684	185-1	0	
185	0.5	Envelope	Combination	Min	-6.532	-0.653	-0.183	3.82E-06	-0.0166	-0.1981	185-1	0.5	
185	1	Envelope	Combination	Min	-6.532	-0.479	-0.183	3.82E-06	0.0058	-0.3378	185-1	1	
186	0	Envelope	Combination	Max	4.193	-0.144	-0.00268	1.59E-07	-0.0081	-0.1224	186-1	0	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
186	0.5	Envelope	Combination	Max	4.193	0.031	-0.00268	1.59E-07	-0.0067	-0.0941	186-1	0.5	
186	1	Envelope	Combination	Max	4.193	0.205	-0.00268	1.59E-07	-0.0054	-0.153	186-1	1	
186	0	Envelope	Combination	Min	-7.43	-0.144	-0.00268	1.59E-07	-0.0116	-0.2065	186-1	0	
186	0.5	Envelope	Combination	Min	-7.43	0.031	-0.00268	1.59E-07	-0.0102	-0.1781	186-1	0.5	
186	1	Envelope	Combination	Min	-7.43	0.205	-0.00268	1.59E-07	-0.0089	-0.237	186-1	1	
187	0	Envelope	Combination	Max	1.939	0.53	0.18	-2.2E-06	0.0732	0.1048	187-1	0	
187	0.5	Envelope	Combination	Max	1.939	0.704	0.18	-2.2E-06	-0.0108	-0.1926	187-1	0.5	
187	1	Envelope	Combination	Max	1.939	0.879	0.18	-2.2E-06	-0.0254	-0.1543	187-1	1	
187	0	Envelope	Combination	Min	-6.776	-0.338	0.029	-0.0003	0.0039	-0.318	187-1	0	
187	0.5	Envelope	Combination	Min	-6.776	-0.164	0.029	-0.0003	-0.0168	-0.2037	187-1	0.5	
187	1	Envelope	Combination	Min	-6.776	0.011	0.029	-0.0003	-0.1067	-0.5994	187-1	1	
190	0	Envelope	Combination	Max	-5.729	1.178	-0.022	3.6E-05	-0.0184	0.8249	190-1	0	
190	0.5	Envelope	Combination	Max	-5.729	1.352	-0.022	3.6E-05	-0.0077	0.1925	190-1	0.5	
190	1	Envelope	Combination	Max	-5.729	1.526	-0.022	3.6E-05	0.0174	-0.4149	190-1	1	
190	0	Envelope	Combination	Min	-9.299	0.95	-0.063	-3.7E-05	-0.0459	0.71	190-1	0	
190	0.5	Envelope	Combination	Min	-9.299	1.125	-0.063	-3.7E-05	-0.0143	0.1912	190-1	0.5	
190	1	Envelope	Combination	Min	-9.299	1.299	-0.063	-3.7E-05	0.0031	-0.5271	190-1	1	
191	0	Envelope	Combination	Max	-7.962	-0.184	0.002633	-1.5E-05	0.0042	0.0193	191-1	0	
191	0.5	Envelope	Combination	Max	-7.962	-0.01	0.002633	-1.5E-05	0.0029	0.068	191-1	0.5	
191	1	Envelope	Combination	Max	-7.962	0.164	0.002633	-1.5E-05	0.0016	0.0294	191-1	1	
191	0	Envelope	Combination	Min	-11.391	-0.184	0.002633	-1.5E-05	0.0031	0.0117	191-1	0	
191	0.5	Envelope	Combination	Min	-11.391	-0.01	0.002633	-1.5E-05	0.0018	0.0604	191-1	0.5	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
191	1	Envelope	Combination	Min	-11.391	0.164	0.002633	-1.5E-05	0.000456	0.0218	191-1	1	
192	0	Envelope	Combination	Max	-5.808	-1.325	0.065	8.88E-06	0.0191	-0.4236	192-1	0	
192	0.5	Envelope	Combination	Max	-5.808	-1.151	0.065	8.88E-06	-0.0069	0.1966	192-1	0.5	
192	1	Envelope	Combination	Max	-5.808	-0.976	0.065	8.88E-06	-0.0187	0.8418	192-1	1	
192	0	Envelope	Combination	Min	-9.378	-1.552	0.024	-6.4E-05	0.0049	-0.5358	192-1	0	
192	0.5	Envelope	Combination	Min	-9.378	-1.378	0.024	-6.4E-05	-0.0135	0.1953	192-1	0.5	
192	1	Envelope	Combination	Min	-9.378	-1.203	0.024	-6.4E-05	-0.0462	0.7269	192-1	1	
196	0	Envelope	Combination	Max	-7.216	-20.157	0.002476	-3E-05	-0.00067	-2.3072	196-1	0	
196	0.3125	Envelope	Combination	Max	-7.216	-6.415	0.002476	-3E-05	-0.0014	2.1072	196-1	0.3125	
196	0.625	Envelope	Combination	Max	-7.216	9.006	0.002476	-3E-05	-0.0022	7.4478	196-1	0.625	
196	0.625	Envelope	Combination	Max	-7.216	45.061	0.002476	-3E-05	-0.0022	7.4478	196-2	0	
196	1	Envelope	Combination	Max	-7.216	45.192	0.002476	-3E-05	-0.00061	-5.1449	196-2	0.375	
196	0	Envelope	Combination	Min	-7.579	-21.837	-0.00493	-8.8E-05	-0.0055	-5.082	196-1	0	
196	0.3125	Envelope	Combination	Min	-7.579	-20.048	-0.00493	-8.8E-05	-0.004	1.1999	196-1	0.3125	
196	0.625	Envelope	Combination	Min	-7.579	-19.939	-0.00493	-8.8E-05	-0.0025	1.7023	196-1	0.625	
196	0.625	Envelope	Combination	Min	-7.579	9.006	-0.00493	-8.8E-05	-0.0025	1.7023	196-2	0	
196	1	Envelope	Combination	Min	-7.579	27.512	-0.00493	-8.8E-05	-0.0031	-9.4748	196-2	0.375	
197	0	Envelope	Combination	Max	-3.607	0.447	0.013	-2.5E-05	0.0105	0.4653	197-1	0	
197	0.5	Envelope	Combination	Max	-3.607	0.621	0.013	-2.5E-05	0.0042	2.3671	197-1	0.5	
197	1	Envelope	Combination	Max	-3.607	25.295	0.013	-2.5E-05	-0.0022	-0.1557	197-1	1	
197	0	Envelope	Combination	Min	-6.099	-24.053	0.013	-2.5E-05	0.0068	-3.491	197-1	0	
197	0.5	Envelope	Combination	Min	-6.099	0.621	0.013	-2.5E-05	0.000455	0.1984	197-1	0.5	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
197	1	Envelope	Combination	Min	-6.099	0.795	0.013	-2.5E-05	-0.0059	-4.112	197-1	1	
198	0	Envelope	Combination	Max	-7.11	-26.253	0.031	3.68E-05	0.0121	-4.5207	198-1	0	
198	0.375	Envelope	Combination	Max	-7.11	-7.747	0.031	3.68E-05	0.000866	7.5997	198-1	0.375	
198	0.375	Envelope	Combination	Max	-7.11	21.198	0.031	3.68E-05	0.000866	7.5997	198-2	0	
198	0.6875	Envelope	Combination	Max	-7.11	21.307	0.031	3.68E-05	-0.0064	1.8656	198-2	0.3125	
198	1	Envelope	Combination	Max	-7.11	23.096	0.031	3.68E-05	-0.0136	-2.9422	198-2	0.625	
198	0	Envelope	Combination	Min	-7.472	-43.933	0.023	-2.1E-05	0.0095	-8.8507	198-1	0	
198	0.375	Envelope	Combination	Min	-7.472	-43.802	0.023	-2.1E-05	0.000625	1.8543	198-1	0.375	
198	0.375	Envelope	Combination	Min	-7.472	-7.747	0.023	-2.1E-05	0.000625	1.8543	198-2	0	
198	0.6875	Envelope	Combination	Min	-7.472	7.674	0.023	-2.1E-05	-0.0089	0.9584	198-2	0.3125	
198	1	Envelope	Combination	Min	-7.472	21.416	0.023	-2.1E-05	-0.0185	-5.717	198-2	0.625	
201	0	Envelope	Combination	Max	-4.449	0.793	0.05	-9.7E-06	0.0352	0.5969	201-1	0	
201	0.5	Envelope	Combination	Max	-4.449	0.968	0.05	-9.7E-06	0.0104	0.1846	201-1	0.5	
201	1	Envelope	Combination	Max	-4.449	1.142	0.05	-9.7E-06	-0.0143	-0.3149	201-1	1	
201	0	Envelope	Combination	Min	-8.821	0.737	0.046	-3.4E-05	0.032	0.5829	201-1	0	
201	0.5	Envelope	Combination	Min	-8.821	0.912	0.046	-3.4E-05	0.0088	0.1426	201-1	0.5	
201	1	Envelope	Combination	Min	-8.821	1.086	0.046	-3.4E-05	-0.0143	-0.3849	201-1	1	
202	0	Envelope	Combination	Max	-6.696	-0.214	0.017	-2.5E-05	0.0078	0.1003	202-1	0	
202	0.5	Envelope	Combination	Max	-6.696	-0.04	0.017	-2.5E-05	-0.00076	0.1637	202-1	0.5	
202	1	Envelope	Combination	Max	-6.696	0.135	0.017	-2.5E-05	-0.0093	0.1399	202-1	1	
202	0	Envelope	Combination	Min	-10.749	-0.214	0.017	-2.5E-05	0.0021	-0.0063	202-1	0	
202	0.5	Envelope	Combination	Min	-10.749	-0.04	0.017	-2.5E-05	-0.0064	0.0571	202-1	0.5	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
202	1	Envelope	Combination	Min	-10.749	0.135	0.017	-2.5E-05	-0.0149	0.0333	202-1	1	
203	0	Envelope	Combination	Max	-4.465	-1.165	-0.00854	-1.8E-05	0.0036	-0.3485	203-1	0	
203	0.5	Envelope	Combination	Max	-4.465	-0.991	-0.00854	-1.8E-05	0.0095	0.1905	203-1	0.5	
203	1	Envelope	Combination	Max	-4.465	-0.816	-0.00854	-1.8E-05	0.0154	0.6423	203-1	1	
203	0	Envelope	Combination	Min	-8.837	-1.221	-0.012	-4.2E-05	0.0036	-0.4185	203-1	0	
203	0.5	Envelope	Combination	Min	-8.837	-1.047	-0.012	-4.2E-05	0.0079	0.1485	203-1	0.5	
203	1	Envelope	Combination	Min	-8.837	-0.872	-0.012	-4.2E-05	0.0122	0.6282	203-1	1	
206	0	Envelope	Combination	Max	-3.075	-0.041	0.037	-1.5E-05	0.0287	0.029	206-1	0	
206	0.5	Envelope	Combination	Max	-3.075	0.133	0.037	-1.5E-05	0.0102	0.0061	206-1	0.5	
206	1	Envelope	Combination	Max	-3.075	0.307	0.037	-1.5E-05	-0.0083	-0.104	206-1	1	
206	0	Envelope	Combination	Min	-6.749	-0.069	0.036	-4.2E-05	0.0185	-0.2408	206-1	0	
206	0.5	Envelope	Combination	Min	-6.749	0.105	0.036	-4.2E-05	0.000521	-0.2498	206-1	0.5	
206	1	Envelope	Combination	Min	-6.749	0.28	0.036	-4.2E-05	-0.0174	-0.3461	206-1	1	
207	0	Envelope	Combination	Max	-3.645	-0.149	0.014	-2.3E-05	0.0152	-0.0396	207-1	0	
207	0.5	Envelope	Combination	Max	-3.645	0.026	0.014	-2.3E-05	0.0083	-0.0088	207-1	0.5	
207	1	Envelope	Combination	Max	-3.645	0.2	0.014	-2.3E-05	0.0014	-0.0652	207-1	1	
207	0	Envelope	Combination	Min	-7.335	-0.149	0.014	-2.3E-05	0.0144	-0.2684	207-1	0	
207	0.5	Envelope	Combination	Min	-7.335	0.026	0.014	-2.3E-05	0.0075	-0.2376	207-1	0.5	
207	1	Envelope	Combination	Min	-7.335	0.2	0.014	-2.3E-05	0.000596	-0.294	207-1	1	
208	0	Envelope	Combination	Max	-3.288	-0.231	-0.01	-4.7E-06	0.0046	-0.0835	208-1	0	
208	0.5	Envelope	Combination	Max	-3.288	-0.056	-0.01	-4.7E-06	0.0102	0.0019	208-1	0.5	
208	1	Envelope	Combination	Max	-3.288	0.118	-0.01	-4.7E-06	0.0159	0.000125	208-1	1	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
208	0	Envelope	Combination	Min	-6.962	-0.258	-0.011	-3.1E-05	-0.0045	-0.3256	208-1	0	
208	0.5	Envelope	Combination	Min	-6.962	-0.084	-0.011	-3.1E-05	0.000545	-0.254	208-1	0.5	
208	1	Envelope	Combination	Min	-6.962	0.091	-0.011	-3.1E-05	0.0056	-0.2696	208-1	1	
211	0	Envelope	Combination	Max	-2.582	-0.303	0.006852	2.77E-05	0.0104	-0.2659	211-1	0	
211	0.5	Envelope	Combination	Max	-2.582	-0.128	0.006852	2.77E-05	0.0087	-0.1582	211-1	0.5	
211	1	Envelope	Combination	Max	-2.582	0.046	0.006852	2.77E-05	0.0085	-0.1376	211-1	1	
211	0	Envelope	Combination	Min	-6.024	-0.385	0.000406	1.51E-06	0.0089	-0.7128	211-1	0	
211	0.5	Envelope	Combination	Min	-6.024	-0.211	0.000406	1.51E-06	0.007	-0.5638	211-1	0.5	
211	1	Envelope	Combination	Min	-6.024	-0.036	0.000406	1.51E-06	0.0035	-0.5021	211-1	1	
212	0	Envelope	Combination	Max	-2.367	-0.152	0.01	-1.6E-05	0.0116	-0.1801	212-1	0	
212	0.5	Envelope	Combination	Max	-2.367	0.023	0.01	-1.6E-05	0.0065	-0.1477	212-1	0.5	
212	1	Envelope	Combination	Max	-2.367	0.197	0.01	-1.6E-05	0.0014	-0.2027	212-1	1	
212	0	Envelope	Combination	Min	-5.62	-0.152	0.01	-1.6E-05	0.0049	-0.5784	212-1	0	
212	0.5	Envelope	Combination	Min	-5.62	0.023	0.01	-1.6E-05	-0.00018	-0.5461	212-1	0.5	
212	1	Envelope	Combination	Min	-5.62	0.197	0.01	-1.6E-05	-0.0053	-0.601	212-1	1	
213	0	Envelope	Combination	Max	-2.809	0.072	0.019	-3.5E-05	0.0182	-0.1264	213-1	0	
213	0.5	Envelope	Combination	Max	-2.809	0.246	0.019	-3.5E-05	0.0085	-0.1646	213-1	0.5	
213	1	Envelope	Combination	Max	-2.809	0.421	0.019	-3.5E-05	0.000182	-0.2901	213-1	1	
213	0	Envelope	Combination	Min	-6.25	-0.011	0.013	-6.1E-05	0.0132	-0.4909	213-1	0	
213	0.5	Envelope	Combination	Min	-6.25	0.164	0.013	-6.1E-05	0.0067	-0.5703	213-1	0.5	
213	1	Envelope	Combination	Min	-6.25	0.338	0.013	-6.1E-05	-0.0013	-0.737	213-1	1	
216	0	Envelope	Combination	Max	-2.513	-0.283	-0.00104	3.2E-05	0.004	-0.3729	216-1	0	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
216	0.5	Envelope	Combination	Max	-2.513	-0.108	-0.00104	3.2E-05	0.0071	-0.2751	216-1	0.5	
216	1	Envelope	Combination	Max	-2.513	0.066	-0.00104	3.2E-05	0.0102	-0.2645	216-1	1	
216	0	Envelope	Combination	Min	-6.042	-0.341	-0.00629	1.45E-05	0.000912	-0.9091	216-1	0	
216	0.5	Envelope	Combination	Min	-6.042	-0.166	-0.00629	1.45E-05	0.0014	-0.7822	216-1	0.5	
216	1	Envelope	Combination	Min	-6.042	0.007973	-0.00629	1.45E-05	0.002	-0.7426	216-1	1	
217	0	Envelope	Combination	Max	-2.307	-0.152	0.005631	-7.2E-06	0.0084	-0.2969	217-1	0	
217	0.5	Envelope	Combination	Max	-2.307	0.022	0.005631	-7.2E-06	0.0056	-0.2643	217-1	0.5	
217	1	Envelope	Combination	Max	-2.307	0.196	0.005631	-7.2E-06	0.0028	-0.3189	217-1	1	
217	0	Envelope	Combination	Min	-5.662	-0.152	0.005631	-7.2E-06	0.0073	-0.7991	217-1	0	
217	0.5	Envelope	Combination	Min	-5.662	0.022	0.005631	-7.2E-06	0.0044	-0.7665	217-1	0.5	
217	1	Envelope	Combination	Min	-5.662	0.196	0.005631	-7.2E-06	0.0016	-0.8212	217-1	1	
218	0	Envelope	Combination	Max	-2.73	0.027	0.016	-2.9E-05	0.0152	-0.2551	218-1	0	
218	0.5	Envelope	Combination	Max	-2.73	0.201	0.016	-2.9E-05	0.007	-0.2829	218-1	0.5	
218	1	Envelope	Combination	Max	-2.73	0.375	0.016	-2.9E-05	-0.0011	-0.398	218-1	1	
218	0	Envelope	Combination	Min	-6.258	-0.032	0.011	-4.6E-05	0.0069	-0.7331	218-1	0	
218	0.5	Envelope	Combination	Min	-6.258	0.143	0.011	-4.6E-05	0.0014	-0.79	218-1	0.5	
218	1	Envelope	Combination	Min	-6.258	0.317	0.011	-4.6E-05	-0.0041	-0.9341	218-1	1	
221	0	Envelope	Combination	Max	-2.604	-0.246	0.001119	1.15E-05	0.0061	-0.42	221-1	0	
221	0.5	Envelope	Combination	Max	-2.604	-0.071	0.001119	1.15E-05	0.0056	-0.3408	221-1	0.5	
221	1	Envelope	Combination	Max	-2.604	0.103	0.001119	1.15E-05	0.005	-0.3489	221-1	1	
221	0	Envelope	Combination	Min	-6.17	-0.272	-0.00183	8.76E-06	0.003	-0.9794	221-1	0	
221	0.5	Envelope	Combination	Min	-6.17	-0.098	-0.00183	8.76E-06	0.0039	-0.8868	221-1	0.5	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
221	1	Envelope	Combination	Min	-6.17	0.076	-0.00183	8.76E-06	0.0048	-0.8815	221-1	1	
222	0	Envelope	Combination	Max	-2.462	-0.153	0.000175	3.38E-06	0.0039	-0.3685	222-1	0	
222	0.5	Envelope	Combination	Max	-2.462	0.021	0.000175	3.38E-06	0.0038	-0.3355	222-1	0.5	
222	1	Envelope	Combination	Max	-2.462	0.196	0.000175	3.38E-06	0.0037	-0.3898	222-1	1	
222	0	Envelope	Combination	Min	-5.942	-0.153	0.000175	3.38E-06	0.000586	-0.9111	222-1	0	
222	0.5	Envelope	Combination	Min	-5.942	0.021	0.000175	3.38E-06	0.000498	-0.8781	222-1	0.5	
222	1	Envelope	Combination	Min	-5.942	0.196	0.000175	3.38E-06	0.000411	-0.9324	222-1	1	
223	0	Envelope	Combination	Max	-2.816	-0.042	0.001325	-2.4E-06	0.0047	-0.3405	223-1	0	
223	0.5	Envelope	Combination	Max	-2.816	0.132	0.001325	-2.4E-06	0.0055	-0.3494	223-1	0.5	
223	1	Envelope	Combination	Max	-2.816	0.306	0.001325	-2.4E-06	0.0063	-0.4456	223-1	1	
223	0	Envelope	Combination	Min	-6.382	-0.069	-0.00163	-5.1E-06	0.0045	-0.873	223-1	0	
223	0.5	Envelope	Combination	Min	-6.382	0.105	-0.00163	-5.1E-06	0.0038	-0.8954	223-1	0.5	
223	1	Envelope	Combination	Min	-6.382	0.28	-0.00163	-5.1E-06	0.0032	-1.005	223-1	1	
226	0	Envelope	Combination	Max	-2.58	-0.247	0.019	-1.8E-06	0.0118	-0.4274	226-1	0	
226	0.5	Envelope	Combination	Max	-2.58	-0.072	0.019	-1.8E-06	0.0021	-0.3475	226-1	0.5	
226	1	Envelope	Combination	Max	-2.58	0.102	0.019	-1.8E-06	-0.0014	-0.3549	226-1	1	
226	0	Envelope	Combination	Min	-6.098	-0.291	0.003458	-3.2E-05	0.002	-0.9659	226-1	0	
226	0.5	Envelope	Combination	Min	-6.098	-0.117	0.003458	-3.2E-05	0.000316	-0.8639	226-1	0.5	
226	1	Envelope	Combination	Min	-6.098	0.058	0.003458	-3.2E-05	-0.0075	-0.8492	226-1	1	
227	0	Envelope	Combination	Max	-2.424	-0.153	-0.00493	1.35E-05	0.000774	-0.375	227-1	0	
227	0.5	Envelope	Combination	Max	-2.424	0.021	-0.00493	1.35E-05	0.0032	-0.342	227-1	0.5	
227	1	Envelope	Combination	Max	-2.424	0.196	-0.00493	1.35E-05	0.0057	-0.3962	227-1	1	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
227	0	Envelope	Combination	Min	-5.773	-0.153	-0.00493	1.35E-05	-0.00013	-0.8879	227-1	0	
227	0.5	Envelope	Combination	Min	-5.773	0.021	-0.00493	1.35E-05	0.0023	-0.8549	227-1	0.5	
227	1	Envelope	Combination	Min	-5.773	0.196	-0.00493	1.35E-05	0.0048	-0.9091	227-1	1	
228	0	Envelope	Combination	Max	-2.79	-0.024	-0.014	5.93E-05	-0.0069	-0.3473	228-1	0	
228	0.5	Envelope	Combination	Max	-2.79	0.15	-0.014	5.93E-05	0.0022	-0.3567	228-1	0.5	
228	1	Envelope	Combination	Max	-2.79	0.325	-0.014	5.93E-05	0.0173	-0.4534	228-1	1	
228	0	Envelope	Combination	Min	-6.307	-0.068	-0.03	2.87E-05	-0.0129	-0.8416	228-1	0	
228	0.5	Envelope	Combination	Min	-6.307	0.106	-0.03	2.87E-05	0.000361	-0.8731	228-1	0.5	
228	1	Envelope	Combination	Min	-6.307	0.281	-0.03	2.87E-05	0.0076	-0.9919	228-1	1	
231	0	Envelope	Combination	Max	-2.341	-0.324	0.035	-1.3E-05	0.0182	-0.4096	231-1	0	
231	0.5	Envelope	Combination	Max	-2.341	-0.149	0.035	-1.3E-05	0.001	-0.2912	231-1	0.5	
231	1	Envelope	Combination	Max	-2.341	0.025	0.035	-1.3E-05	-0.0029	-0.2601	231-1	1	
231	0	Envelope	Combination	Min	-5.508	-0.479	0.007854	-6.8E-05	0.0049	-0.9056	231-1	0	
231	0.5	Envelope	Combination	Min	-5.508	-0.305	0.007854	-6.8E-05	0.000783	-0.7096	231-1	0.5	
231	1	Envelope	Combination	Min	-5.508	-0.13	0.007854	-6.8E-05	-0.0166	-0.6008	231-1	1	
232	0	Envelope	Combination	Max	-2.015	-0.152	-0.00943	2.17E-05	-0.0061	-0.3134	232-1	0	
232	0.5	Envelope	Combination	Max	-2.015	0.023	-0.00943	2.17E-05	-0.0013	-0.2812	232-1	0.5	
232	1	Envelope	Combination	Max	-2.015	0.197	-0.00943	2.17E-05	0.0034	-0.3362	232-1	1	
232	0	Envelope	Combination	Min	-4.781	-0.152	-0.00943	2.17E-05	-0.0068	-0.7199	232-1	0	
232	0.5	Envelope	Combination	Min	-4.781	0.023	-0.00943	2.17E-05	-0.0021	-0.6877	232-1	0.5	
232	1	Envelope	Combination	Min	-4.781	0.197	-0.00943	2.17E-05	0.0026	-0.7427	232-1	1	
233	0	Envelope	Combination	Max	-2.553	0.168	-0.027	0.000112	-0.0126	-0.2508	233-1	0	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
233	0.5	Envelope	Combination	Max	-2.553	0.342	-0.027	0.000112	0.00098	-0.3006	233-1	0.5	
233	1	Envelope	Combination	Max	-2.553	0.517	-0.027	0.000112	0.0278	-0.4376	233-1	1	
233	0	Envelope	Combination	Min	-5.72	0.012	-0.054	5.71E-05	-0.0263	-0.5914	233-1	0	
233	0.5	Envelope	Combination	Min	-5.72	0.187	-0.054	5.71E-05	0.000754	-0.7189	233-1	0.5	
233	1	Envelope	Combination	Min	-5.72	0.361	-0.054	5.71E-05	0.0146	-0.9336	233-1	1	
236	0	Envelope	Combination	Max	-1.614	-0.339	0.038	-2.6E-05	0.0123	-0.2793	236-1	0	
236	0.5	Envelope	Combination	Max	-1.614	-0.164	0.038	-2.6E-05	-0.0032	-0.1536	236-1	0.5	
236	1	Envelope	Combination	Max	-1.614	0.01	0.038	-2.6E-05	-0.0069	-0.115	236-1	1	
236	0	Envelope	Combination	Min	-3.813	-0.518	0.007478	-0.0001	0.000582	-0.5929	236-1	0	
236	0.5	Envelope	Combination	Min	-3.813	-0.343	0.007478	-0.0001	-0.0065	-0.3777	236-1	0.5	
236	1	Envelope	Combination	Min	-3.813	-0.169	0.007478	-0.0001	-0.0253	-0.2496	236-1	1	
237	0	Envelope	Combination	Max	-1.377	-0.167	-0.012	2.61E-05	-0.0068	-0.1543	237-1	0	
237	0.5	Envelope	Combination	Max	-1.377	0.007152	-0.012	2.61E-05	-0.00097	-0.1142	237-1	0.5	
237	1	Envelope	Combination	Max	-1.377	0.182	-0.012	2.61E-05	0.0049	-0.1614	237-1	1	
237	0	Envelope	Combination	Min	-3.246	-0.167	-0.012	2.61E-05	-0.0092	-0.3273	237-1	0	
237	0.5	Envelope	Combination	Min	-3.246	0.007152	-0.012	2.61E-05	-0.0033	-0.2872	237-1	0.5	
237	1	Envelope	Combination	Min	-3.246	0.182	-0.012	2.61E-05	0.0025	-0.3344	237-1	1	
238	0	Envelope	Combination	Max	-1.784	0.184	-0.033	0.000156	-0.0195	-0.1147	238-1	0	
238	0.5	Envelope	Combination	Max	-1.784	0.358	-0.033	0.000156	-0.0028	-0.1608	238-1	0.5	
238	1	Envelope	Combination	Max	-1.784	0.533	-0.033	0.000156	0.0255	-0.294	238-1	1	
238	0	Envelope	Combination	Min	-3.983	0.004811	-0.063	7.96E-05	-0.0379	-0.2493	238-1	0	
238	0.5	Envelope	Combination	Min	-3.983	0.179	-0.063	7.96E-05	-0.0062	-0.3848	238-1	0.5	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
238	1	Envelope	Combination	Min	-3.983	0.354	-0.063	7.96E-05	0.0138	-0.6076	238-1	1	
241	0	Envelope	Combination	Max	-1.516	1.67	0.161	-7.7E-05	0.1148	1.2436	241-1	0	
241	0.5	Envelope	Combination	Max	-1.516	1.844	0.161	-7.7E-05	0.0345	0.365	241-1	0.5	
241	1	Envelope	Combination	Max	-1.516	2.019	0.161	-7.7E-05	-0.0141	-0.0728	241-1	1	
241	0	Envelope	Combination	Min	-6.874	0.068	0.047	-0.0004	0.0326	0.1692	241-1	0	
241	0.5	Envelope	Combination	Min	-6.874	0.242	0.047	-0.0004	0.0092	0.0918	241-1	0.5	
241	1	Envelope	Combination	Min	-6.874	0.417	0.047	-0.0004	-0.0459	-0.6008	241-1	1	
242	0	Envelope	Combination	Max	-0.327	-0.231	0.003416	-5.9E-06	0.0208	0.1901	242-1	0	
242	0.5	Envelope	Combination	Max	-0.327	-0.057	0.003416	-5.9E-06	0.0191	0.2621	242-1	0.5	
242	1	Envelope	Combination	Max	-0.327	0.118	0.003416	-5.9E-06	0.0174	0.2467	242-1	1	
242	0	Envelope	Combination	Min	-4.855	-0.231	0.003416	-5.9E-06	0.0048	-0.0407	242-1	0	
242	0.5	Envelope	Combination	Min	-4.855	-0.057	0.003416	-5.9E-06	0.0031	0.0312	242-1	0.5	
242	1	Envelope	Combination	Min	-4.855	0.118	0.003416	-5.9E-06	0.0014	0.0159	242-1	1	
243	0	Envelope	Combination	Max	-1.52	-0.53	-0.039	0.000385	-0.0105	-0.1295	243-1	0	
243	0.5	Envelope	Combination	Max	-1.52	-0.356	-0.039	0.000385	0.0343	0.3652	243-1	0.5	
243	1	Envelope	Combination	Max	-1.52	-0.181	-0.039	0.000385	0.1108	1.3006	243-1	1	
243	0	Envelope	Combination	Min	-6.878	-2.133	-0.153	6.5E-05	-0.0423	-0.6575	243-1	0	
243	0.5	Envelope	Combination	Min	-6.878	-1.958	-0.153	6.5E-05	0.0091	0.092	243-1	0.5	
243	1	Envelope	Combination	Min	-6.878	-1.784	-0.153	6.5E-05	0.0286	0.2263	243-1	1	
246	0	Envelope	Combination	Max	-1.329	-0.234	0.02	-3E-05	-0.0037	-0.0479	246-1	0	
246	0.5	Envelope	Combination	Max	-1.329	-0.059	0.02	-3E-05	-0.0056	0.038	246-1	0.5	
246	1	Envelope	Combination	Max	-1.329	0.115	0.02	-3E-05	-0.0053	0.0826	246-1	1	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
246	0	Envelope	Combination	Min	-3.2	-0.351	-0.0006	-0.00011	-0.0059	-0.0937	246-1	0	
246	0.5	Envelope	Combination	Min	-3.2	-0.176	-0.0006	-0.00011	-0.0138	0.0253	246-1	0.5	
246	1	Envelope	Combination	Min	-3.2	-0.00179	-0.0006	-0.00011	-0.0239	0.0113	246-1	1	
247	0	Envelope	Combination	Max	-1.111	-0.141	-0.013	2.68E-05	-0.0075	-0.0522	247-1	0	
247	0.5	Envelope	Combination	Max	-1.111	0.034	-0.013	2.68E-05	-0.0012	-0.0255	247-1	0.5	
247	1	Envelope	Combination	Max	-1.111	0.208	-0.013	2.68E-05	0.0052	-0.0859	247-1	1	
247	0	Envelope	Combination	Min	-2.668	-0.141	-0.013	2.68E-05	-0.0087	-0.1018	247-1	0	
247	0.5	Envelope	Combination	Min	-2.668	0.034	-0.013	2.68E-05	-0.0023	-0.075	247-1	0.5	
247	1	Envelope	Combination	Min	-2.668	0.208	-0.013	2.68E-05	0.0041	-0.1355	247-1	1	
248	0	Envelope	Combination	Max	-1.44	0.086	-0.027	0.000169	-0.0188	0.1194	248-1	0	
248	0.5	Envelope	Combination	Max	-1.44	0.26	-0.027	0.000169	-0.0054	0.0328	248-1	0.5	
248	1	Envelope	Combination	Max	-1.44	0.435	-0.027	0.000169	0.0102	-0.0951	248-1	1	
248	0	Envelope	Combination	Min	-3.31	-0.031	-0.048	8.57E-05	-0.0374	0.0481	248-1	0	
248	0.5	Envelope	Combination	Min	-3.31	0.143	-0.048	8.57E-05	-0.0136	0.0201	248-1	0.5	
248	1	Envelope	Combination	Min	-3.31	0.318	-0.048	8.57E-05	0.008	-0.1409	248-1	1	

Lampiran 24 Tabel gaya dalam ultimit dari gelagar melintang jembatan rencana

Gaya Dalam Maksimum											
P		V2		V3		T		M2		M3	
Positif	Negatif	Positif	Negatif	Positif	Negatif	Positif	Negatif	Positif	Negatif	Positif	Negatif
KN	KN	KN	KN	KN	KN	KN-m	KN-m	KN-m	KN-m	KN-m	KN-m
86.514	-11.391	183.421	-183.383	0.279	-0.289	0.00053	-0.00054	0.1459	-0.1617	37.2233	-31.8488

Lampiran 25 Tabel hasil analisis SAP2000 pada gelagar memanjang jembatan rencana

TABLE: Element Forces - Frames			CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation
Frame	Station	OutputCase	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m
1	0	Envelope	Combination	Max	-109.038	-69.436	-0.903	0.0039	-0.3611	-43.2456	1-1	0
1	0.40069	Envelope	Combination	Max	-109.014	-69.035	-0.799	0.0039	-0.0056	-15.5033	1-1	0.40069
1	0.80139	Envelope	Combination	Max	-108.991	-68.634	-0.695	0.0039	0.377	12.0784	1-1	0.80139
1	0	Envelope	Combination	Min	-564.864	-183.017	-1.111	0.0027	-0.43	-163.415	1-1	0
1	0.40069	Envelope	Combination	Min	-564.84	-182.616	-1.007	0.0027	-0.0201	-90.1616	1-1	0.40069
1	0.80139	Envelope	Combination	Min	-564.817	-182.215	-0.903	0.0027	0.2792	-17.069	1-1	0.80139
2	0	Envelope	Combination	Max	8.182	-54.494	0.582	0.0021	0.4703	-25.2652	2-1	0
2	0.7513	Envelope	Combination	Max	8.226	-53.742	0.778	0.0021	0.017	15.3935	2-1	0.7513
2	1.5026	Envelope	Combination	Max	8.271	-52.99	0.973	0.0021	0.0848	139.95	2-1	1.5026
2	0	Envelope	Combination	Min	-212.084	-180.433	-0.384	-0.0099	-0.1977	-130.039	2-1	0
2	0.7513	Envelope	Combination	Min	-212.04	-179.681	-0.188	-0.0099	-0.0405	5.2379	2-1	0.7513
2	1.5026	Envelope	Combination	Min	-211.996	-178.929	0.007473	-0.0099	-0.6981	55.4871	2-1	1.5026

TABLE: Element Forces - Frames												
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m
3	0	Envelope	Combination	Max	114.091	-29.501	-0.295	0.013	-0.1346	39.2451	3-1	0
3	0.7513	Envelope	Combination	Max	114.135	-28.749	-0.1	0.013	0.0136	82.6888	3-1	0.7513
3	1.5026	Envelope	Combination	Max	114.179	-27.997	0.096	0.013	0.8104	125.5676	3-1	1.5026
3	0	Envelope	Combination	Min	93.282	-58.201	-1.386	0.001	-0.9791	20.1051	3-1	0
3	0.7513	Envelope	Combination	Min	93.326	-57.449	-1.191	0.001	-0.0109	41.9869	3-1	0.7513
3	1.5026	Envelope	Combination	Min	93.371	-56.697	-0.995	0.001	0.015	63.3038	3-1	1.5026
4	0	Envelope	Combination	Max	205.057	-4.734	-0.203	0.000664	-0.0623	87.5332	4-1	0
4	0.7513	Envelope	Combination	Max	205.101	-3.982	-0.00715	0.000664	0.0337	112.2685	4-1	0.7513
4	1.5026	Envelope	Combination	Max	205.145	-3.23	0.188	0.000664	0.0209	136.4388	4-1	1.5026
4	0	Envelope	Combination	Min	156.159	-33.299	-0.276	0.000189	-0.1004	49.3801	4-1	0
4	0.7513	Envelope	Combination	Min	156.204	-32.547	-0.081	0.000189	0.0165	52.6546	4-1	0.7513
4	1.5026	Envelope	Combination	Min	156.248	-31.795	0.115	0.000189	-0.0515	55.3641	4-1	1.5026
5	0	Envelope	Combination	Max	257.086	19.87	0.866	-0.00066	0.7108	119.2577	5-1	0
5	0.7513	Envelope	Combination	Max	257.13	20.622	1.062	-0.00066	0.0135	125.0047	5-1	0.7513
5	1.5026	Envelope	Combination	Max	257.174	21.374	1.257	-0.00066	-0.12	130.1868	5-1	1.5026
5	0	Envelope	Combination	Min	136.01	-8.025	-0.116	-0.012	0.000123	62.4646	5-1	0
5	0.7513	Envelope	Combination	Min	136.054	-7.273	0.08	-0.012	-0.0134	47.2537	5-1	0.7513
5	1.5026	Envelope	Combination	Min	136.099	-6.521	0.275	-0.012	-0.8844	31.4778	5-1	1.5026
6	0	Envelope	Combination	Max	122.056	116.908	-0.043	0.0105	0.0567	177.8755	6-1	0
6	0.7513	Envelope	Combination	Max	122.1	117.66	0.152	0.0105	0.0156	89.7602	6-1	0.7513
6	1.5026	Envelope	Combination	Max	122.145	118.412	0.348	0.0105	0.5627	1.08	6-1	1.5026
6	0	Envelope	Combination	Min	53.596	44.579	-1.064	-0.0014	-0.7422	59.6801	6-1	0

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
6	0.7513	Envelope	Combination	Min	53.641	45.331	-0.868	-0.0014	-0.0163	25.905	6-1	0.7513	
6	1.5026	Envelope	Combination	Min	53.685	46.083	-0.673	-0.0014	-0.1723	-8.435	6-1	1.5026	
7	0	Envelope	Combination	Max	-91.338	139.442	0.012	-0.00058	0.0908	110.924	7-1	0	
7	0.7513	Envelope	Combination	Max	-91.294	140.194	0.207	-0.00058	0.0222	5.8789	7-1	0.7513	
7	1.5026	Envelope	Combination	Max	-91.249	140.946	0.403	-0.00058	-0.1202	-64.3215	7-1	1.5026	
7	0	Envelope	Combination	Min	-203.653	69.359	-0.104	-0.0019	0.0178	41.0271	7-1	0	
7	0.7513	Envelope	Combination	Min	-203.609	70.111	0.092	-0.0019	0.0083	-11.3647	7-1	0.7513	
7	1.5026	Envelope	Combination	Min	-203.565	70.863	0.287	-0.0019	-0.221	-99.731	7-1	1.5026	
8	0	Envelope	Combination	Max	-298.356	152.345	-0.044	-0.0019	0.0861	25.616	8-1	0	
8	0.7513	Envelope	Combination	Max	-298.311	153.097	0.151	-0.0019	0.046	-63.9628	8-1	0.7513	
8	1.5026	Envelope	Combination	Max	-298.267	153.849	0.347	-0.0019	-0.1409	-134.62	8-1	1.5026	
8	0	Envelope	Combination	Min	-574.168	92.919	-0.046	-0.002	0.0791	6.1296	8-1	0	
8	0.7513	Envelope	Combination	Min	-574.124	93.671	0.149	-0.002	0.0405	-89.1233	8-1	0.7513	
8	1.5026	Envelope	Combination	Min	-574.08	94.423	0.345	-0.002	-0.1449	-204.428	8-1	1.5026	
9	0	Envelope	Combination	Max	-480.137	148.737	0.988	-0.0027	0.4256	-75.9514	9-1	0	
9	0.37565	Envelope	Combination	Max	-480.114	149.113	1.086	-0.0027	0.0703	-114.062	9-1	0.37565	
9	0.7513	Envelope	Combination	Max	-480.092	149.489	1.183	-0.0027	-0.2865	-152.314	9-1	0.7513	
9	0	Envelope	Combination	Min	-861.017	101.265	0.803	-0.0033	0.3903	-111.678	9-1	0	
9	0.37565	Envelope	Combination	Min	-860.995	101.641	0.901	-0.0033	0.0361	-167.621	9-1	0.37565	
9	0.7513	Envelope	Combination	Min	-860.973	102.017	0.999	-0.0033	-0.3901	-223.706	9-1	0.7513	
10	0	Envelope	Combination	Max	-224.159	-49.106	-0.74	0.0041	-0.2337	-76.1926	10-1	0	
10	0.37565	Envelope	Combination	Max	-224.181	-48.73	-0.642	0.0041	0.0258	-57.8167	10-1	0.37565	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
10	0.7513	Envelope	Combination	Max	-224.203	-48.354	-0.544	0.0041	0.4917	-39.5819	10-1	0.7513	
10	0	Envelope	Combination	Min	-329.537	-101.468	-1.391	0.0027	-0.4797	-124.997	10-1	0	
10	0.37565	Envelope	Combination	Min	-329.559	-101.092	-1.293	0.0027	0.0243	-86.9509	10-1	0.37565	
10	0.7513	Envelope	Combination	Min	-329.581	-100.716	-1.195	0.0027	0.2485	-49.0463	10-1	0.7513	
11	0	Envelope	Combination	Max	-130.083	-48.901	-0.317	0.0025	-0.1498	-69.836	11-1	0	
11	0.7513	Envelope	Combination	Max	-130.128	-48.149	-0.121	0.0025	0.0353	-33.3792	11-1	0.7513	
11	1.5026	Envelope	Combination	Max	-130.172	-47.397	0.074	0.0025	0.1144	32.7037	11-1	1.5026	
11	0	Envelope	Combination	Min	-145.988	-94.486	-0.399	0.0014	-0.1907	-108.141	11-1	0	
11	0.7513	Envelope	Combination	Min	-146.032	-93.734	-0.203	0.0014	0.0147	-37.4361	11-1	0.7513	
11	1.5026	Envelope	Combination	Min	-146.076	-92.982	-0.00757	0.0014	0.0324	2.5126	11-1	1.5026	
12	0	Envelope	Combination	Max	60.947	-37.678	-0.314	0.0021	-0.1363	-34.1916	12-1	0	
12	0.7513	Envelope	Combination	Max	60.903	-36.926	-0.119	0.0021	0.0262	15.1859	12-1	0.7513	
12	1.5026	Envelope	Combination	Max	60.859	-36.174	0.077	0.0021	0.1078	67.4478	12-1	1.5026	
12	0	Envelope	Combination	Min	-22.301	-70.69	-0.423	0.0011	-0.2333	-37.6409	12-1	0	
12	0.7513	Envelope	Combination	Min	-22.345	-69.938	-0.227	0.0011	0.0107	-6.1668	12-1	0.7513	
12	1.5026	Envelope	Combination	Min	-22.389	-69.186	-0.032	0.0011	0.0419	21.293	12-1	1.5026	
13	0	Envelope	Combination	Max	205.484	-25.792	-0.291	0.0014	-0.1322	18.2254	13-1	0	
13	0.7513	Envelope	Combination	Max	205.44	-25.04	-0.095	0.0014	0.0142	52.4182	13-1	0.7513	
13	1.5026	Envelope	Combination	Max	205.396	-24.288	0.1	0.0014	0.0609	86.046	13-1	1.5026	
13	0	Envelope	Combination	Min	55.304	-45.887	-0.355	0.000801	-0.1793	-5.164	13-1	0	
13	0.7513	Envelope	Combination	Min	55.259	-45.135	-0.16	0.000801	0.0128	13.9311	13-1	0.7513	
13	1.5026	Envelope	Combination	Min	55.215	-44.383	0.036	0.000801	0.0108	32.4613	13-1	1.5026	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
14	0	Envelope	Combination	Max	287.669	-13.983	-0.242	0.000647	-0.0842	58.0289	14-1	0	
14	0.7513	Envelope	Combination	Max	287.625	-13.231	-0.047	0.000647	0.0245	73.7045	14-1	0.7513	
14	1.5026	Envelope	Combination	Max	287.58	-12.479	0.149	0.000647	0.002	88.8152	14-1	1.5026	
14	0	Envelope	Combination	Min	103.21	-21.241	-0.276	0.000421	-0.1188	16.115	14-1	0	
14	0.7513	Envelope	Combination	Min	103.166	-20.489	-0.08	0.000421	0.015	26.3378	14-1	0.7513	
14	1.5026	Envelope	Combination	Min	103.121	-19.737	0.115	0.000421	-0.0137	35.9955	14-1	1.5026	
15	0	Envelope	Combination	Max	307.854	3.219	-0.183	-5.3E-05	-0.0497	81.8088	15-1	0	
15	0.7513	Envelope	Combination	Max	307.81	3.971	0.012	-5.3E-05	0.017	79.1076	15-1	0.7513	
15	1.5026	Envelope	Combination	Max	307.766	4.723	0.208	-5.3E-05	-0.0536	75.8414	15-1	1.5026	
15	0	Envelope	Combination	Min	121.398	-2.271	-0.199	-0.00023	-0.0593	29.7306	15-1	0	
15	0.7513	Envelope	Combination	Min	121.354	-1.519	-0.00376	-0.00023	0.0144	31.1542	15-1	0.7513	
15	1.5026	Envelope	Combination	Min	121.31	-0.767	0.192	-0.00023	-0.0683	32.0129	15-1	1.5026	
16	0	Envelope	Combination	Max	266.576	27.707	-0.084	-0.00052	0.0261	89.5986	16-1	0	
16	0.7513	Envelope	Combination	Max	266.532	28.459	0.112	-0.00052	0.0223	68.5	16-1	0.7513	
16	1.5026	Envelope	Combination	Max	266.488	29.211	0.307	-0.00052	-0.0897	46.8363	16-1	1.5026	
16	0	Envelope	Combination	Min	110.204	9.437	-0.144	-0.0011	-0.0125	35.6846	16-1	0	
16	0.7513	Envelope	Combination	Min	110.159	10.189	0.051	-0.0011	0.0157	28.3122	16-1	0.7513	
16	1.5026	Envelope	Combination	Min	110.115	10.941	0.247	-0.0011	-0.1417	20.3749	16-1	1.5026	
17	0	Envelope	Combination	Max	162.439	52.297	0.044	-0.0012	0.1152	81.7231	17-1	0	
17	0.7513	Envelope	Combination	Max	162.394	53.049	0.239	-0.0012	0.0167	42.1495	17-1	0.7513	
17	1.5026	Envelope	Combination	Max	162.35	53.801	0.435	-0.0012	-0.1399	2.011	17-1	1.5026	
17	0	Envelope	Combination	Min	69.02	21.18	-0.085	-0.0024	0.0264	34.1386	17-1	0	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
17	0.7513	Envelope	Combination	Min	68.975	21.932	0.111	-0.0024	0.009	17.9435	17-1	0.7513	
17	1.5026	Envelope	Combination	Min	68.931	22.684	0.306	-0.0024	-0.2441	1.1834	17-1	1.5026	
18	0	Envelope	Combination	Max	45.69	67.234	0.967	-0.0019	0.39	39.3505	18-1	0	
18	0.40069	Envelope	Combination	Max	45.666	67.635	1.072	-0.0019	-0.0023	12.33	18-1	0.40069	
18	0.80139	Envelope	Combination	Max	45.643	68.036	1.176	-0.0019	-0.2203	-6.4083	18-1	0.80139	
18	0	Envelope	Combination	Min	19.72	28.705	0.388	-0.0042	0.1738	16.917	18-1	0	
18	0.40069	Envelope	Combination	Min	19.696	29.106	0.492	-0.0042	-0.0186	5.3347	18-1	0.40069	
18	0.80139	Envelope	Combination	Min	19.672	29.507	0.596	-0.0042	-0.4689	-14.8512	18-1	0.80139	
55	0	Envelope	Combination	Max	-101.416	-60.322	0.133	0.001	0.0527	-37.4082	55-1	0	
55	0.40069	Envelope	Combination	Max	-101.393	-59.921	0.133	0.001	0.000116	-13.3178	55-1	0.40069	
55	0.80139	Envelope	Combination	Max	-101.369	-59.52	0.133	0.001	0.1013	10.6119	55-1	0.80139	
55	0	Envelope	Combination	Min	-603.323	-182.12	-0.253	-0.00075	-0.1011	-165.988	55-1	0	
55	0.40069	Envelope	Combination	Min	-603.299	-181.719	-0.253	-0.00075	-0.00046	-93.0936	55-1	0.40069	
55	0.80139	Envelope	Combination	Min	-603.275	-181.318	-0.253	-0.00075	-0.0536	-20.3602	55-1	0.80139	
56	0	Envelope	Combination	Max	9.541	-50.618	-0.054	0.0025	-0.0389	-22.0658	56-1	0	
56	0.7513	Envelope	Combination	Max	9.585	-49.866	-0.054	0.0025	0.0016	15.6811	56-1	0.7513	
56	1.5026	Envelope	Combination	Max	9.629	-49.114	-0.054	0.0025	0.1137	159.3335	56-1	1.5026	
56	0	Envelope	Combination	Min	-204.344	-200.549	-0.155	0.000758	-0.1194	-140.882	56-1	0	
56	0.7513	Envelope	Combination	Min	-204.3	-199.797	-0.155	0.000758	-0.0028	9.5082	56-1	0.7513	
56	1.5026	Envelope	Combination	Min	-204.256	-199.045	-0.155	0.000758	0.042	52.8631	56-1	1.5026	
57	0	Envelope	Combination	Max	109.31	-27.92	0.091	0.000406	0.0369	63.9392	57-1	0	
57	0.7513	Envelope	Combination	Max	109.354	-27.168	0.091	0.000406	-0.0034	86.8752	57-1	0.7513	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
57	1.5026	Envelope	Combination	Max	109.399	-26.416	0.091	0.000406	0.0261	109.2463	57-1	1.5026	
57	0	Envelope	Combination	Min	100.748	-30.904	-0.039	-0.0019	-0.0329	21.0117	57-1	0	
57	0.7513	Envelope	Combination	Min	100.793	-30.152	-0.039	-0.0019	-0.0311	41.7052	57-1	0.7513	
57	1.5026	Envelope	Combination	Min	100.837	-29.4	-0.039	-0.0019	-0.0991	61.8338	57-1	1.5026	
58	0	Envelope	Combination	Max	180.883	-4.681	-0.00336	0.000127	0.0159	83.0412	58-1	0	
58	0.7513	Envelope	Combination	Max	180.927	-3.929	-0.00336	0.000127	0.0217	106.9936	58-1	0.7513	
58	1.5026	Envelope	Combination	Max	180.972	-3.177	-0.00336	0.000127	0.0274	130.381	58-1	1.5026	
58	0	Envelope	Combination	Min	150.024	-32.257	-0.00763	0.000055	-0.005	48.8787	58-1	0	
58	0.7513	Envelope	Combination	Min	150.068	-31.505	-0.00763	0.000055	-0.0025	52.1131	58-1	0.7513	
58	1.5026	Envelope	Combination	Min	150.112	-30.753	-0.00763	0.000055	2.92E-05	54.7826	58-1	1.5026	
59	0	Envelope	Combination	Max	262.709	18.806	0.022	0.0021	0.0153	102.9629	59-1	0	
59	0.7513	Envelope	Combination	Max	262.753	19.558	0.022	0.0021	-0.0015	128.2052	59-1	0.7513	
59	1.5026	Envelope	Combination	Max	262.798	20.31	0.022	0.0021	0.0936	152.8826	59-1	1.5026	
59	0	Envelope	Combination	Min	130.324	-33.974	-0.147	-0.00027	-0.1274	61.2761	59-1	0	
59	0.7513	Envelope	Combination	Min	130.369	-33.222	-0.147	-0.00027	-0.0169	46.8644	59-1	0.7513	
59	1.5026	Envelope	Combination	Min	130.413	-32.47	-0.147	-0.00027	-0.0183	31.8877	59-1	1.5026	
60	0	Envelope	Combination	Max	137.522	134.326	0.138	-0.0005	0.0899	195.7991	60-1	0	
60	0.7513	Envelope	Combination	Max	137.566	135.078	0.138	-0.0005	-0.0051	94.5971	60-1	0.7513	
60	1.5026	Envelope	Combination	Max	137.61	135.83	0.138	-0.0005	-0.0399	-6.7323	60-1	1.5026	
60	0	Envelope	Combination	Min	50.105	42.303	0.046	-0.0025	0.0297	57.9617	60-1	0	
60	0.7513	Envelope	Combination	Min	50.149	43.055	0.046	-0.0025	-0.0137	25.8972	60-1	0.7513	
60	1.5026	Envelope	Combination	Min	50.193	43.807	0.046	-0.0025	-0.1174	-7.1698	60-1	1.5026	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
61	0	Envelope	Combination	Max	-90.281	136.015	0.051	0.000774	0.0355	106.093	61-1	0	
61	0.7513	Envelope	Combination	Max	-90.237	136.767	0.051	0.000774	0.0014	3.6223	61-1	0.7513	
61	1.5026	Envelope	Combination	Max	-90.192	137.519	0.051	0.000774	0.0456	-61.2161	61-1	1.5026	
61	0	Envelope	Combination	Min	-213.693	65.879	-0.059	-0.00065	-0.0429	38.9043	61-1	0	
61	0.7513	Envelope	Combination	Min	-213.649	66.631	-0.059	-0.00065	-0.0027	-10.8734	61-1	0.7513	
61	1.5026	Envelope	Combination	Min	-213.605	67.383	-0.059	-0.00065	-0.0408	-99.4133	61-1	1.5026	
62	0	Envelope	Combination	Max	-290.73	146.284	-0.00701	-0.00031	0.0043	18.5023	62-1	0	
62	0.7513	Envelope	Combination	Max	-290.685	147.036	-0.00701	-0.00031	0.017	-64.0826	62-1	0.7513	
62	1.5026	Envelope	Combination	Max	-290.641	147.788	-0.00701	-0.00031	0.0629	-132.795	62-1	1.5026	
62	0	Envelope	Combination	Min	-577.926	90.33	-0.061	-0.00048	-0.0288	4.0645	62-1	0	
62	0.7513	Envelope	Combination	Min	-577.882	91.082	-0.061	-0.00048	0.0096	-91.6834	62-1	0.7513	
62	1.5026	Envelope	Combination	Min	-577.838	91.834	-0.061	-0.00048	0.0148	-202.434	62-1	1.5026	
63	0	Envelope	Combination	Max	-478.935	140.381	0.568	-0.0011	0.1959	-76.1296	63-1	0	
63	0.37565	Envelope	Combination	Max	-478.912	140.757	0.568	-0.0011	-0.0173	-113.216	63-1	0.37565	
63	0.7513	Envelope	Combination	Max	-478.89	141.133	0.568	-0.0011	-0.2305	-150.444	63-1	0.7513	
63	0	Envelope	Combination	Min	-870.064	98.538	0.552	-0.0016	0.1772	-114.303	63-1	0	
63	0.37565	Envelope	Combination	Min	-870.042	98.914	0.552	-0.0016	-0.0301	-167.108	63-1	0.37565	
63	0.7513	Envelope	Combination	Min	-870.02	99.29	0.552	-0.0016	-0.2374	-220.054	63-1	0.7513	
64	0	Envelope	Combination	Max	-221.377	-51.312	-0.369	0.002	-0.1525	-78.5392	64-1	0	
64	0.37565	Envelope	Combination	Max	-221.399	-50.936	-0.369	0.002	-0.0111	-59.3345	64-1	0.37565	
64	0.7513	Envelope	Combination	Max	-221.422	-50.56	-0.369	0.002	0.2345	-40.2711	64-1	0.7513	
64	0	Envelope	Combination	Min	-326.658	-98.47	-0.654	0.0011	-0.2566	-123.625	64-1	0	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
64	0.37565	Envelope	Combination	Min	-326.68	-98.094	-0.654	0.0011	-0.0139	-86.7057	64-1	0.37565	
64	0.7513	Envelope	Combination	Min	-326.702	-97.718	-0.654	0.0011	0.1247	-49.9274	64-1	0.7513	
65	0	Envelope	Combination	Max	-125.981	-47.556	-0.018	0.000863	0.0056	-68.9681	65-1	0	
65	0.7513	Envelope	Combination	Max	-126.025	-46.804	-0.018	0.000863	0.0195	-33.5217	65-1	0.7513	
65	1.5026	Envelope	Combination	Max	-126.069	-46.052	-0.018	0.000863	0.0352	30.3229	65-1	1.5026	
65	0	Envelope	Combination	Min	-139.54	-91.467	-0.035	0.000629	-0.017	-105.985	65-1	0	
65	0.7513	Envelope	Combination	Min	-139.584	-90.715	-0.035	0.000629	0.0091	-37.5488	65-1	0.7513	
65	1.5026	Envelope	Combination	Min	-139.628	-89.963	-0.035	0.000629	0.0333	1.3597	65-1	1.5026	
66	0	Envelope	Combination	Max	60.707	-35.764	-0.054	0.000792	-0.0548	-32.425	66-1	0	
66	0.7513	Envelope	Combination	Max	60.663	-35.012	-0.054	0.000792	-0.0044	15.51	66-1	0.7513	
66	1.5026	Envelope	Combination	Max	60.619	-34.26	-0.054	0.000792	0.0468	65.1749	66-1	1.5026	
66	0	Envelope	Combination	Min	-22.178	-67.233	-0.068	0.000441	-0.0556	-34.7198	66-1	0	
66	0.7513	Envelope	Combination	Min	-22.223	-66.481	-0.068	0.000441	-0.0144	-5.8378	66-1	0.7513	
66	1.5026	Envelope	Combination	Min	-22.267	-65.729	-0.068	0.000441	0.0259	20.1845	66-1	1.5026	
67	0	Envelope	Combination	Max	201.085	-24.555	-0.028	0.000543	-0.0153	19.7075	67-1	0	
67	0.7513	Envelope	Combination	Max	201.041	-23.803	-0.028	0.000543	0.0056	52.2575	67-1	0.7513	
67	1.5026	Envelope	Combination	Max	200.996	-23.051	-0.028	0.000543	0.0353	84.2424	67-1	1.5026	
67	0	Envelope	Combination	Min	53.225	-43.701	-0.051	0.000345	-0.0418	-4.3009	67-1	0	
67	0.7513	Envelope	Combination	Min	53.181	-42.949	-0.051	0.000345	-0.0032	13.8646	67-1	0.7513	
67	1.5026	Envelope	Combination	Min	53.137	-42.197	-0.051	0.000345	0.0266	31.4651	67-1	1.5026	
68	0	Envelope	Combination	Max	281.215	-13.352	-0.019	0.000231	-0.0181	58.3642	68-1	0	
68	0.7513	Envelope	Combination	Max	281.17	-12.6	-0.019	0.000231	-0.0035	73.2297	68-1	0.7513	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
68	1.5026	Envelope	Combination	Max	281.126	-11.848	-0.019	0.000231	0.0112	87.5302	68-1	1.5026	
68	0	Envelope	Combination	Min	99.914	-20.162	-0.02	0.000147	-0.0204	16.3314	68-1	0	
68	0.7513	Envelope	Combination	Min	99.87	-19.41	-0.02	0.000147	-0.0063	26.0803	68-1	0.7513	
68	1.5026	Envelope	Combination	Min	99.825	-18.658	-0.02	0.000147	0.0077	35.2643	68-1	1.5026	
69	0	Envelope	Combination	Max	300.567	3.452	0.01	-7.1E-05	0.0084	81.318	69-1	0	
69	0.7513	Envelope	Combination	Max	300.523	4.204	0.01	-7.1E-05	0.0029	78.4422	69-1	0.7513	
69	1.5026	Envelope	Combination	Max	300.479	4.956	0.01	-7.1E-05	-0.0026	75.0014	69-1	1.5026	
69	0	Envelope	Combination	Min	117.708	-2.102	0.007294	-0.00013	0.0074	29.4929	69-1	0	
69	0.7513	Envelope	Combination	Min	117.664	-1.35	0.007294	-0.00013	-0.00048	30.7897	69-1	0.7513	
69	1.5026	Envelope	Combination	Min	117.619	-0.598	0.007294	-0.00013	-0.0083	31.5215	69-1	1.5026	
70	0	Envelope	Combination	Max	258.813	26.955	0.056	-0.0003	0.0353	88.4706	70-1	0	
70	0.7513	Envelope	Combination	Max	258.769	27.707	0.056	-0.0003	-0.0047	67.9368	70-1	0.7513	
70	1.5026	Envelope	Combination	Max	258.724	28.459	0.056	-0.0003	-0.0265	46.838	70-1	1.5026	
70	0	Envelope	Combination	Min	106.405	9.112	0.029	-0.00052	0.0171	35.1345	70-1	0	
70	0.7513	Envelope	Combination	Min	106.361	9.864	0.029	-0.00052	-0.0065	28.0064	70-1	0.7513	
70	1.5026	Envelope	Combination	Min	106.316	10.616	0.029	-0.00052	-0.0483	20.3133	70-1	1.5026	
71	0	Envelope	Combination	Max	156.881	50.069	0.092	-0.00058	0.07	79.5764	71-1	0	
71	0.7513	Envelope	Combination	Max	156.837	50.821	0.092	-0.00058	0.0018	41.6767	71-1	0.7513	
71	1.5026	Envelope	Combination	Max	156.793	51.573	0.092	-0.00058	-0.0375	3.212	71-1	1.5026	
71	0	Envelope	Combination	Min	66.4	20.162	0.052	-0.001	0.0412	33.1303	71-1	0	
71	0.7513	Envelope	Combination	Min	66.355	20.914	0.052	-0.001	0.000928	17.7004	71-1	0.7513	
71	1.5026	Envelope	Combination	Min	66.311	21.666	0.052	-0.001	-0.0682	1.7056	71-1	1.5026	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
72	0	Envelope	Combination	Max	44.25	61.004	0.228	-0.00055	0.0971	36.592	72-1	0	
72	0.40069	Envelope	Combination	Max	44.227	61.405	0.228	-0.00055	0.0057	12.0677	72-1	0.40069	
72	0.80139	Envelope	Combination	Max	44.203	61.806	0.228	-0.00055	-0.0518	-5.4316	72-1	0.80139	
72	0	Envelope	Combination	Min	19.05	25.962	0.131	-0.001	0.0534	15.6957	72-1	0	
72	0.40069	Envelope	Combination	Min	19.026	26.363	0.131	-0.001	0.00081	5.2124	72-1	0.40069	
72	0.80139	Envelope	Combination	Min	19.002	26.764	0.131	-0.001	-0.0856	-12.6173	72-1	0.80139	
73	0	Envelope	Combination	Max	-101.413	-60.288	0.164	0.001	0.0667	-37.3982	73-1	0	
73	0.40069	Envelope	Combination	Max	-101.389	-59.887	0.164	0.001	0.0014	-13.3216	73-1	0.40069	
73	0.80139	Envelope	Combination	Max	-101.365	-59.486	0.164	0.001	0.09	10.5943	73-1	0.80139	
73	0	Envelope	Combination	Min	-603.319	-182.086	-0.221	-0.00075	-0.0871	-165.978	73-1	0	
73	0.40069	Envelope	Combination	Min	-603.295	-181.685	-0.221	-0.00075	0.000858	-93.0974	73-1	0.40069	
73	0.80139	Envelope	Combination	Min	-603.271	-181.284	-0.221	-0.00075	-0.065	-20.3779	73-1	0.80139	
74	0	Envelope	Combination	Max	9.459	-50.576	0.143	-0.00064	0.1108	-22.0584	74-1	0	
74	0.7513	Envelope	Combination	Max	9.503	-49.824	0.143	-0.00064	0.0032	15.6573	74-1	0.7513	
74	1.5026	Envelope	Combination	Max	9.547	-49.072	0.143	-0.00064	-0.0325	159.2784	74-1	1.5026	
74	0	Envelope	Combination	Min	-204.427	-200.508	0.042	-0.0023	0.0303	-140.875	74-1	0	
74	0.7513	Envelope	Combination	Min	-204.382	-199.756	0.042	-0.0023	-0.0011	9.4843	74-1	0.7513	
74	1.5026	Envelope	Combination	Min	-204.338	-199.004	0.042	-0.0023	-0.1043	52.808	74-1	1.5026	
75	0	Envelope	Combination	Max	109.141	-27.893	0.037	0.0019	0.0324	63.9117	75-1	0	
75	0.7513	Envelope	Combination	Max	109.185	-27.141	0.037	0.0019	0.0319	86.8274	75-1	0.7513	
75	1.5026	Envelope	Combination	Max	109.23	-26.389	0.037	0.0019	0.1013	109.1781	75-1	1.5026	
75	0	Envelope	Combination	Min	100.579	-30.877	-0.092	-0.00037	-0.0375	20.9842	75-1	0	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
75	0.7513	Envelope	Combination	Min	100.624	-30.125	-0.092	-0.00037	0.0042	41.6574	75-1	0.7513	
75	1.5026	Envelope	Combination	Min	100.668	-29.373	-0.092	-0.00037	-0.0239	61.7656	75-1	1.5026	
76	0	Envelope	Combination	Max	180.641	-4.675	0.016	-0.00011	0.0121	82.9972	76-1	0	
76	0.7513	Envelope	Combination	Max	180.685	-3.923	0.016	-0.00011	0.003	106.9451	76-1	0.7513	
76	1.5026	Envelope	Combination	Max	180.729	-3.171	0.016	-0.00011	-0.0061	130.328	76-1	1.5026	
76	0	Envelope	Combination	Min	149.782	-32.251	0.012	-0.00018	-0.0089	48.8346	76-1	0	
76	0.7513	Envelope	Combination	Min	149.826	-31.499	0.012	-0.00018	-0.0212	52.0646	76-1	0.7513	
76	1.5026	Envelope	Combination	Min	149.87	-30.747	0.012	-0.00018	-0.0335	54.7296	76-1	1.5026	
77	0	Envelope	Combination	Max	262.443	18.789	0.165	0.000133	0.1411	102.9183	77-1	0	
77	0.7513	Envelope	Combination	Max	262.487	19.541	0.165	0.000133	0.017	128.174	77-1	0.7513	
77	1.5026	Envelope	Combination	Max	262.532	20.293	0.165	0.000133	0.0048	152.8648	77-1	1.5026	
77	0	Envelope	Combination	Min	130.058	-33.992	-0.00422	-0.0022	-0.0016	61.2315	77-1	0	
77	0.7513	Envelope	Combination	Min	130.103	-33.24	-0.00422	-0.0022	0.0016	46.8331	77-1	0.7513	
77	1.5026	Envelope	Combination	Min	130.147	-32.488	-0.00422	-0.0022	-0.1071	31.8698	77-1	1.5026	
78	0	Envelope	Combination	Max	137.271	134.28	-0.023	0.0023	-0.0135	195.7771	78-1	0	
78	0.7513	Envelope	Combination	Max	137.315	135.032	-0.023	0.0023	0.0128	94.6099	78-1	0.7513	
78	1.5026	Envelope	Combination	Max	137.36	135.784	-0.023	0.0023	0.0992	-6.6848	78-1	1.5026	
78	0	Envelope	Combination	Min	49.854	42.256	-0.115	0.000335	-0.0737	57.9398	78-1	0	
78	0.7513	Envelope	Combination	Min	49.898	43.008	-0.115	0.000335	0.0042	25.9099	78-1	0.7513	
78	1.5026	Envelope	Combination	Min	49.943	43.76	-0.115	0.000335	0.0218	-7.1223	78-1	1.5026	
79	0	Envelope	Combination	Max	-90.438	135.938	0.077	0.000547	0.0547	106.1107	79-1	0	
79	0.7513	Envelope	Combination	Max	-90.394	136.69	0.077	0.000547	0.000797	3.698	79-1	0.7513	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
79	1.5026	Envelope	Combination	Max	-90.349	137.442	0.077	0.000547	0.0252	-61.0824	79-1	1.5026	
79	0	Envelope	Combination	Min	-213.85	65.802	-0.033	-0.00087	-0.0236	38.9219	79-1	0	
79	0.7513	Envelope	Combination	Min	-213.806	66.554	-0.033	-0.00087	-0.0033	-10.7978	79-1	0.7513	
79	1.5026	Envelope	Combination	Min	-213.762	67.306	-0.033	-0.00087	-0.0612	-99.2796	79-1	1.5026	
80	0	Envelope	Combination	Max	-290.755	146.185	0.065	0.000527	0.0284	18.5946	80-1	0	
80	0.7513	Envelope	Combination	Max	-290.711	146.937	0.065	0.000527	-0.0126	-63.9158	80-1	0.7513	
80	1.5026	Envelope	Combination	Max	-290.666	147.689	0.065	0.000527	-0.0205	-132.553	80-1	1.5026	
80	0	Envelope	Combination	Min	-577.951	90.23	0.01	0.000351	-0.0047	4.1568	80-1	0	
80	0.7513	Envelope	Combination	Min	-577.907	90.982	0.01	0.000351	-0.0201	-91.5166	80-1	0.7513	
80	1.5026	Envelope	Combination	Min	-577.863	91.734	0.01	0.000351	-0.0686	-202.193	80-1	1.5026	
81	0	Envelope	Combination	Max	-478.759	140.281	-0.065	0.000429	-0.0089	-75.9505	81-1	0	
81	0.37565	Envelope	Combination	Max	-478.737	140.657	-0.065	0.000429	0.0153	-112.999	81-1	0.37565	
81	0.7513	Envelope	Combination	Max	-478.714	141.033	-0.065	0.000429	0.0396	-150.189	81-1	0.7513	
81	0	Envelope	Combination	Min	-869.888	98.437	-0.08	-6.5E-05	-0.0276	-114.124	81-1	0	
81	0.37565	Envelope	Combination	Min	-869.866	98.813	-0.08	-6.5E-05	0.0025	-166.891	81-1	0.37565	
81	0.7513	Envelope	Combination	Min	-869.844	99.189	-0.08	-6.5E-05	0.0327	-219.799	81-1	0.7513	
82	0	Envelope	Combination	Max	-222.549	-51.298	-0.081	0.000828	-0.0327	-78.5444	82-1	0	
82	0.37565	Envelope	Combination	Max	-222.571	-50.922	-0.081	0.000828	0.000429	-59.3449	82-1	0.37565	
82	0.7513	Envelope	Combination	Max	-222.593	-50.546	-0.081	0.000828	0.1377	-40.2867	82-1	0.7513	
82	0	Envelope	Combination	Min	-327.829	-98.456	-0.365	-0.00011	-0.1369	-123.63	82-1	0	
82	0.37565	Envelope	Combination	Min	-327.852	-98.08	-0.365	-0.00011	-0.0024	-86.7161	82-1	0.37565	
82	0.7513	Envelope	Combination	Min	-327.874	-97.704	-0.365	-0.00011	0.028	-49.943	82-1	0.7513	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
83	0	Envelope	Combination	Max	-127.148	-47.545	-0.026	-0.00011	-0.0315	-68.985	83-1	0	
83	0.7513	Envelope	Combination	Max	-127.192	-46.793	-0.026	-0.00011	-0.0117	-33.5468	83-1	0.7513	
83	1.5026	Envelope	Combination	Max	-127.236	-46.041	-0.026	-0.00011	0.01	30.2897	83-1	1.5026	
83	0	Envelope	Combination	Min	-140.707	-91.456	-0.043	-0.00034	-0.0541	-106.002	83-1	0	
83	0.7513	Envelope	Combination	Min	-140.751	-90.704	-0.043	-0.00034	-0.0221	-37.5738	83-1	0.7513	
83	1.5026	Envelope	Combination	Min	-140.795	-89.952	-0.043	-0.00034	0.008	1.3265	83-1	1.5026	
84	0	Envelope	Combination	Max	59.629	-35.759	0.022	-8.8E-05	0.0192	-32.4895	84-1	0	
84	0.7513	Envelope	Combination	Max	59.585	-35.007	0.022	-8.8E-05	0.0126	15.4413	84-1	0.7513	
84	1.5026	Envelope	Combination	Max	59.54	-34.255	0.022	-8.8E-05	0.0068	65.1019	84-1	1.5026	
84	0	Envelope	Combination	Min	-23.256	-67.228	0.007754	-0.00044	0.0184	-34.7844	84-1	0	
84	0.7513	Envelope	Combination	Min	-23.301	-66.476	0.007754	-0.00044	0.0026	-5.9065	84-1	0.7513	
84	1.5026	Envelope	Combination	Min	-23.345	-65.724	0.007754	-0.00044	-0.0141	20.1115	84-1	1.5026	
85	0	Envelope	Combination	Max	200.106	-24.568	0.021	-0.00014	0.0183	19.6004	85-1	0	
85	0.7513	Envelope	Combination	Max	200.062	-23.816	0.021	-0.00014	0.0022	52.1601	85-1	0.7513	
85	1.5026	Envelope	Combination	Max	200.018	-23.064	0.021	-0.00014	-0.0051	84.1548	85-1	1.5026	
85	0	Envelope	Combination	Min	52.247	-43.714	-0.00207	-0.00034	-0.0082	-4.408	85-1	0	
85	0.7513	Envelope	Combination	Min	52.202	-42.962	-0.00207	-0.00034	-0.0066	13.7672	85-1	0.7513	
85	1.5026	Envelope	Combination	Min	52.158	-42.21	-0.00207	-0.00034	-0.0139	31.3775	85-1	1.5026	
86	0	Envelope	Combination	Max	280.384	-13.384	0.01	-0.00013	0.0133	58.2266	86-1	0	
86	0.7513	Envelope	Combination	Max	280.34	-12.632	0.01	-0.00013	0.0063	73.116	86-1	0.7513	
86	1.5026	Envelope	Combination	Max	280.296	-11.88	0.01	-0.00013	-0.00066	87.4405	86-1	1.5026	
86	0	Envelope	Combination	Min	99.084	-20.194	0.009275	-0.00021	0.011	16.1937	86-1	0	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
86	0.7513	Envelope	Combination	Min	99.04	-19.442	0.009275	-0.00021	0.0034	25.9667	86-1	0.7513	
86	1.5026	Envelope	Combination	Min	98.995	-18.69	0.009275	-0.00021	-0.0042	35.1746	86-1	1.5026	
87	0	Envelope	Combination	Max	299.904	3.403	0.004268	-3.9E-05	0.0017	81.1726	87-1	0	
87	0.7513	Envelope	Combination	Max	299.86	4.155	0.004268	-3.9E-05	0.000841	78.3335	87-1	0.7513	
87	1.5026	Envelope	Combination	Max	299.816	4.907	0.004268	-3.9E-05	1.26E-05	74.9295	87-1	1.5026	
87	0	Envelope	Combination	Min	117.045	-2.151	0.001103	-0.0001	0.000692	29.3476	87-1	0	
87	0.7513	Envelope	Combination	Min	117.001	-1.399	0.001103	-0.0001	-0.0025	30.681	87-1	0.7513	
87	1.5026	Envelope	Combination	Min	116.956	-0.647	0.001103	-0.0001	-0.0057	31.4496	87-1	1.5026	
88	0	Envelope	Combination	Max	258.353	26.889	0.001367	0.00017	0.0065	88.3317	88-1	0	
88	0.7513	Envelope	Combination	Max	258.309	27.641	0.001367	0.00017	0.0073	67.8476	88-1	0.7513	
88	1.5026	Envelope	Combination	Max	258.265	28.393	0.001367	0.00017	0.0263	46.7986	88-1	1.5026	
88	0	Envelope	Combination	Min	105.945	9.045	-0.025	-4.6E-05	-0.0118	34.9956	88-1	0	
88	0.7513	Envelope	Combination	Min	105.901	9.797	-0.025	-4.6E-05	0.0055	27.9173	88-1	0.7513	
88	1.5026	Envelope	Combination	Min	105.856	10.549	-0.025	-4.6E-05	0.0044	20.274	88-1	1.5026	
89	0	Envelope	Combination	Max	156.636	49.987	-0.0056	0.000557	-0.0056	79.4673	89-1	0	
89	0.7513	Envelope	Combination	Max	156.592	50.739	-0.0056	0.000557	-0.00052	41.6292	89-1	0.7513	
89	1.5026	Envelope	Combination	Max	156.547	51.491	-0.0056	0.000557	0.0335	3.2262	89-1	1.5026	
89	0	Envelope	Combination	Min	66.155	20.08	-0.045	8.73E-05	-0.0345	33.0213	89-1	0	
89	0.7513	Envelope	Combination	Min	66.11	20.832	-0.045	8.73E-05	-0.0014	17.653	89-1	0.7513	
89	1.5026	Envelope	Combination	Min	66.066	21.584	-0.045	8.73E-05	0.0028	1.7197	89-1	1.5026	
90	0	Envelope	Combination	Max	44.192	60.932	0.001073	0.000572	0.000205	36.5497	90-1	0	
90	0.40069	Envelope	Combination	Max	44.169	61.333	0.001073	0.000572	-0.00023	12.0544	90-1	0.40069	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
90	0.80139	Envelope	Combination	Max	44.145	61.734	0.001073	0.000572	0.0332	-5.4159	90-1	0.80139	
90	0	Envelope	Combination	Min	18.991	25.89	-0.096	0.000113	-0.0435	15.6534	90-1	0	
90	0.40069	Envelope	Combination	Min	18.968	26.291	-0.096	0.000113	-0.0051	5.1991	90-1	0.40069	
90	0.80139	Envelope	Combination	Min	18.944	26.692	-0.096	0.000113	-0.00066	-12.6016	90-1	0.80139	
91	0	Envelope	Combination	Max	-108.939	-69.268	0.92	-0.0024	0.3818	-43.1748	91-1	0	
91	0.40069	Envelope	Combination	Max	-108.916	-68.867	0.92	-0.0024	0.0276	-15.5001	91-1	0.40069	
91	0.80139	Envelope	Combination	Max	-108.892	-68.466	0.92	-0.0024	-0.2578	12.014	91-1	0.80139	
91	0	Envelope	Combination	Min	-564.765	-182.848	0.712	-0.0036	0.3129	-163.344	91-1	0	
91	0.40069	Envelope	Combination	Min	-564.742	-182.447	0.712	-0.0036	0.0131	-90.1584	91-1	0.40069	
91	0.80139	Envelope	Combination	Min	-564.718	-182.046	0.712	-0.0036	-0.3555	-17.1334	91-1	0.80139	
92	0	Envelope	Combination	Max	8.007	-54.348	0.177	0.01	0.1418	-25.2382	92-1	0	
92	0.7513	Envelope	Combination	Max	8.052	-53.596	0.177	0.01	0.0664	15.3113	92-1	0.7513	
92	1.5026	Envelope	Combination	Max	8.096	-52.844	0.177	0.01	0.6591	139.7586	92-1	1.5026	
92	0	Envelope	Combination	Min	-212.259	-180.288	-0.789	-0.002	-0.5263	-130.012	92-1	0	
92	0.7513	Envelope	Combination	Min	-212.215	-179.536	-0.789	-0.002	0.009	5.1557	92-1	0.7513	
92	1.5026	Envelope	Combination	Min	-212.17	-178.784	-0.789	-0.002	-0.1238	55.2958	92-1	1.5026	
93	0	Envelope	Combination	Max	113.61	-29.423	1.188	-0.001	0.9285	39.1588	93-1	0	
93	0.7513	Envelope	Combination	Max	113.654	-28.671	1.188	-0.001	0.036	82.544	93-1	0.7513	
93	1.5026	Envelope	Combination	Max	113.699	-27.919	1.188	-0.001	-0.0612	125.3642	93-1	1.5026	
93	0	Envelope	Combination	Min	92.801	-58.123	0.097	-0.0129	0.084	20.0188	93-1	0	
93	0.7513	Envelope	Combination	Min	92.846	-57.371	0.097	-0.0129	0.0114	41.8421	93-1	0.7513	
93	1.5026	Envelope	Combination	Min	92.89	-56.619	0.097	-0.0129	-0.8566	63.1004	93-1	1.5026	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
94	0	Envelope	Combination	Max	204.389	-4.721	0.088	-0.00025	0.0579	87.3935	94-1	0	
94	0.7513	Envelope	Combination	Max	204.434	-3.969	0.088	-0.00025	0.0087	112.1186	94-1	0.7513	
94	1.5026	Envelope	Combination	Max	204.478	-3.217	0.088	-0.00025	-0.0023	136.2788	94-1	1.5026	
94	0	Envelope	Combination	Min	155.492	-33.286	0.015	-0.00072	0.0197	49.2404	94-1	0	
94	0.7513	Envelope	Combination	Min	155.536	-32.534	0.015	-0.00072	-0.0084	52.5047	94-1	0.7513	
94	1.5026	Envelope	Combination	Min	155.581	-31.782	0.015	-0.00072	-0.0747	55.2041	94-1	1.5026	
95	0	Envelope	Combination	Max	256.329	19.817	-0.064	0.0119	-0.037	119.1267	95-1	0	
95	0.7513	Envelope	Combination	Max	256.374	20.569	-0.064	0.0119	0.0378	124.9133	95-1	0.7513	
95	1.5026	Envelope	Combination	Max	256.418	21.321	-0.064	0.0119	0.8231	130.135	95-1	1.5026	
95	0	Envelope	Combination	Min	135.254	-8.078	-1.045	0.00052	-0.7476	62.3336	95-1	0	
95	0.7513	Envelope	Combination	Min	135.298	-7.326	-1.045	0.00052	0.0109	47.1623	95-1	0.7513	
95	1.5026	Envelope	Combination	Min	135.342	-6.574	-1.045	0.00052	0.0587	31.426	95-1	1.5026	
96	0	Envelope	Combination	Max	121.344	116.781	0.888	0.0012	0.7076	177.8065	96-1	0	
96	0.7513	Envelope	Combination	Max	121.388	117.533	0.888	0.0012	0.0404	89.7862	96-1	0.7513	
96	1.5026	Envelope	Combination	Max	121.433	118.285	0.888	0.0012	0.1082	1.2008	96-1	1.5026	
96	0	Envelope	Combination	Min	52.884	44.453	-0.133	-0.0107	-0.0914	59.6111	96-1	0	
96	0.7513	Envelope	Combination	Min	52.929	45.205	-0.133	-0.0107	0.0084	25.931	96-1	0.7513	
96	1.5026	Envelope	Combination	Min	52.973	45.957	-0.133	-0.0107	-0.6268	-8.3141	96-1	1.5026	
97	0	Envelope	Combination	Max	-91.88	139.223	-0.074	0.0017	-0.0565	110.9843	97-1	0	
97	0.7513	Envelope	Combination	Max	-91.836	139.975	-0.074	0.0017	0.0132	6.1035	97-1	0.7513	
97	1.5026	Envelope	Combination	Max	-91.792	140.727	-0.074	0.0017	0.1559	-63.9328	97-1	1.5026	
97	0	Envelope	Combination	Min	-204.196	69.14	-0.19	0.000473	-0.1295	41.0874	97-1	0	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
97	0.7513	Envelope	Combination	Min	-204.151	69.892	-0.19	0.000473	-0.00073	-11.1402	97-1	0.7513	
97	1.5026	Envelope	Combination	Min	-204.107	70.644	-0.19	0.000473	0.0551	-99.3423	97-1	1.5026	
98	0	Envelope	Combination	Max	-298.48	152.018	-0.149	0.002	-0.1287	25.8616	98-1	0	
98	0.7513	Envelope	Combination	Max	-298.436	152.77	-0.149	0.002	-0.0165	-63.4719	98-1	0.7513	
98	1.5026	Envelope	Combination	Max	-298.391	153.522	-0.149	0.002	0.0956	-133.884	98-1	1.5026	
98	0	Envelope	Combination	Min	-574.293	92.592	-0.151	0.0019	-0.1357	6.3752	98-1	0	
98	0.7513	Envelope	Combination	Min	-574.248	93.344	-0.151	0.0019	-0.022	-88.6324	98-1	0.7513	
98	1.5026	Envelope	Combination	Min	-574.204	94.096	-0.151	0.0019	0.0916	-203.691	98-1	1.5026	
99	0	Envelope	Combination	Max	-479.949	148.54	-0.44	0.0021	-0.2494	-75.3119	99-1	0	
99	0.37565	Envelope	Combination	Max	-479.927	148.916	-0.44	0.0021	-0.0499	-113.349	99-1	0.37565	
99	0.7513	Envelope	Combination	Max	-479.905	149.292	-0.44	0.0021	0.1849	-151.526	99-1	0.7513	
99	0	Envelope	Combination	Min	-860.83	101.067	-0.625	0.0015	-0.2847	-111.038	99-1	0	
99	0.37565	Envelope	Combination	Min	-860.808	101.443	-0.625	0.0015	-0.084	-166.908	99-1	0.37565	
99	0.7513	Envelope	Combination	Min	-860.786	101.819	-0.625	0.0015	0.0814	-222.918	99-1	0.7513	
100	0	Envelope	Combination	Max	-228.004	-49.291	0.608	-0.00076	0.1922	-76.2737	100-1	0	
100	0.37565	Envelope	Combination	Max	-228.026	-48.915	0.608	-0.00076	-0.0363	-57.8281	100-1	0.37565	
100	0.7513	Envelope	Combination	Max	-228.048	-48.539	0.608	-0.00076	-0.0217	-39.5238	100-1	0.7513	
100	0	Envelope	Combination	Min	-333.382	-101.653	-0.043	-0.0022	-0.0538	-125.078	100-1	0	
100	0.37565	Envelope	Combination	Min	-333.404	-101.277	-0.043	-0.0022	-0.0378	-86.9624	100-1	0.37565	
100	0.7513	Envelope	Combination	Min	-333.426	-100.901	-0.043	-0.0022	-0.2649	-48.9881	100-1	0.7513	
101	0	Envelope	Combination	Max	-133.648	-48.841	0.149	-0.00079	0.1008	-69.8669	101-1	0	
101	0.7513	Envelope	Combination	Max	-133.692	-48.089	0.149	-0.00079	0.0097	-33.4551	101-1	0.7513	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
101	1.5026	Envelope	Combination	Max	-133.736	-47.337	0.149	-0.00079	-0.0404	32.5828	101-1	1.5026	
101	0	Envelope	Combination	Min	-149.552	-94.426	0.067	-0.0019	0.0599	-108.172	101-1	0	
101	0.7513	Envelope	Combination	Min	-149.596	-93.674	0.067	-0.0019	-0.0108	-37.512	101-1	0.7513	
101	1.5026	Envelope	Combination	Min	-149.641	-92.922	0.067	-0.0019	-0.1224	2.3917	101-1	1.5026	
102	0	Envelope	Combination	Max	57.653	-37.677	0.184	-0.00077	0.1493	-34.4004	102-1	0	
102	0.7513	Envelope	Combination	Max	57.609	-36.925	0.184	-0.00077	0.0111	14.9764	102-1	0.7513	
102	1.5026	Envelope	Combination	Max	57.564	-36.173	0.184	-0.00077	-0.0613	67.2375	102-1	1.5026	
102	0	Envelope	Combination	Min	-25.595	-70.689	0.076	-0.0017	0.0523	-37.8497	102-1	0	
102	0.7513	Envelope	Combination	Min	-25.639	-69.937	0.076	-0.0017	-0.0045	-6.3764	102-1	0.7513	
102	1.5026	Envelope	Combination	Min	-25.684	-69.185	0.076	-0.0017	-0.1272	21.0827	102-1	1.5026	
103	0	Envelope	Combination	Max	202.596	-25.848	0.134	-0.00059	0.1107	17.8791	103-1	0	
103	0.7513	Envelope	Combination	Max	202.552	-25.096	0.134	-0.00059	0.0113	52.1139	103-1	0.7513	
103	1.5026	Envelope	Combination	Max	202.508	-24.344	0.134	-0.00059	-0.041	85.7837	103-1	1.5026	
103	0	Envelope	Combination	Min	52.415	-45.943	0.07	-0.0012	0.0636	-5.5103	103-1	0	
103	0.7513	Envelope	Combination	Min	52.371	-45.191	0.07	-0.0012	0.0098	13.6269	103-1	0.7513	
103	1.5026	Envelope	Combination	Min	52.327	-44.439	0.07	-0.0012	-0.0911	32.1991	103-1	1.5026	
104	0	Envelope	Combination	Max	285.227	-14.085	0.073	-0.0004	0.0644	57.6133	104-1	0	
104	0.7513	Envelope	Combination	Max	285.183	-13.333	0.073	-0.0004	0.0093	73.3661	104-1	0.7513	
104	1.5026	Envelope	Combination	Max	285.139	-12.581	0.073	-0.0004	-0.0301	88.5538	104-1	1.5026	
104	0	Envelope	Combination	Min	100.769	-21.343	0.04	-0.00062	0.0297	15.6995	104-1	0	
104	0.7513	Envelope	Combination	Min	100.724	-20.591	0.04	-0.00062	-0.00017	25.9993	104-1	0.7513	
104	1.5026	Envelope	Combination	Min	100.68	-19.839	0.04	-0.00062	-0.0458	35.7342	104-1	1.5026	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
105	0	Envelope	Combination	Max	305.93	3.07	0.017	6.33E-05	0.0207	81.3672	105-1	0	
105	0.7513	Envelope	Combination	Max	305.885	3.822	0.017	6.33E-05	0.0108	78.7779	105-1	0.7513	
105	1.5026	Envelope	Combination	Max	305.841	4.574	0.017	6.33E-05	0.0104	75.6236	105-1	1.5026	
105	0	Envelope	Combination	Min	119.474	-2.42	0.00045	-0.00012	0.0111	29.289	105-1	0	
105	0.7513	Envelope	Combination	Min	119.429	-1.668	0.00045	-0.00012	0.0082	30.8245	105-1	0.7513	
105	1.5026	Envelope	Combination	Min	119.385	-0.916	0.00045	-0.00012	-0.0042	31.7951	105-1	1.5026	
106	0	Envelope	Combination	Max	265.22	27.508	-0.02	0.000791	-0.0126	89.1803	106-1	0	
106	0.7513	Envelope	Combination	Max	265.176	28.26	-0.02	0.000791	0.0093	68.2308	106-1	0.7513	
106	1.5026	Envelope	Combination	Max	265.131	29.012	-0.02	0.000791	0.0699	46.7163	106-1	1.5026	
106	0	Envelope	Combination	Min	108.847	9.238	-0.081	0.000177	-0.0513	35.2663	106-1	0	
106	0.7513	Envelope	Combination	Min	108.803	9.99	-0.081	0.000177	0.0027	28.043	106-1	0.7513	
106	1.5026	Envelope	Combination	Min	108.759	10.742	-0.081	0.000177	0.018	20.2548	106-1	1.5026	
107	0	Envelope	Combination	Max	161.733	52.045	-0.066	0.0019	-0.0401	81.3736	107-1	0	
107	0.7513	Envelope	Combination	Max	161.689	52.797	-0.066	0.0019	0.017	41.9897	107-1	0.7513	
107	1.5026	Envelope	Combination	Max	161.644	53.549	-0.066	0.0019	0.1628	2.0407	107-1	1.5026	
107	0	Envelope	Combination	Min	68.314	20.928	-0.194	0.000651	-0.1289	33.7892	107-1	0	
107	0.7513	Envelope	Combination	Min	68.27	21.68	-0.194	0.000651	0.0092	17.7836	107-1	0.7513	
107	1.5026	Envelope	Combination	Min	68.225	22.432	-0.194	0.000651	0.0585	1.213	107-1	1.5026	
108	0	Envelope	Combination	Max	45.514	66.957	-0.37	0.0037	-0.1391	39.1956	108-1	0	
108	0.40069	Envelope	Combination	Max	45.491	67.358	-0.37	0.0037	0.0256	12.2859	108-1	0.40069	
108	0.80139	Envelope	Combination	Max	45.467	67.759	-0.37	0.0037	0.4063	-6.3417	108-1	0.80139	
108	0	Envelope	Combination	Min	19.544	28.429	-0.95	0.0015	-0.3552	16.7621	108-1	0	

TABLE: Element Forces - Frames													
Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T	M2	M3	FrameElem	ElemStation	
Text	m	Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m	Text	m	
108	0.40069	Envelope	Combination	Min	19.52	28.83	-0.95	0.0015	0.0093	5.2906	108-1	0.40069	
108	0.80139	Envelope	Combination	Min	19.496	29.231	-0.95	0.0015	0.1577	-14.7845	108-1	0.80139	

Lampiran 26 Tabel gaya dalam ultimit dari gelagar memanjang jembatan rencana

Gaya Dalam Maksimum											
P		V2		V3		T		M2		M3	
Positif	Negatif	Positif	Negatif	Positif	Negatif	Positif	Negatif	Positif	Negatif	Positif	Negatif
KN	KN	KN	KN	KN	KN	KN-m	KN-m	KN-m	KN-m	KN-m	KN-m
307.854	-870.064	153.849	-200.549	1.257	-1.391	0.013	-0.0129	0.9285	-0.9791	195.7991	-223.706



PEMERINTAH KABUPATEN SIDOARJO
DINAS PU BINA MARGA DAN SUMBER DAYA AIR
Jl. Sultan Agung No. 17 A Telp. 8921942
SIDOARJO - 61211

NAMA KEGIATAN

PENYELENGGARAAN JALAN KABUPATEN / KOTA

NAMA PEKERJAAN

PENINGKATAN JEMBATAN
DSN. SIDOMUKTI RT. 07 RW. 02
DS. KRATON KRIAN - KRATON

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KABUPATEN SIDOARJO

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NIP. 19700221 199003 1 002

JUDUL GAMBAR

LAYOUT JEMBATAN
(EXISTING)

SKALA

1 : 250

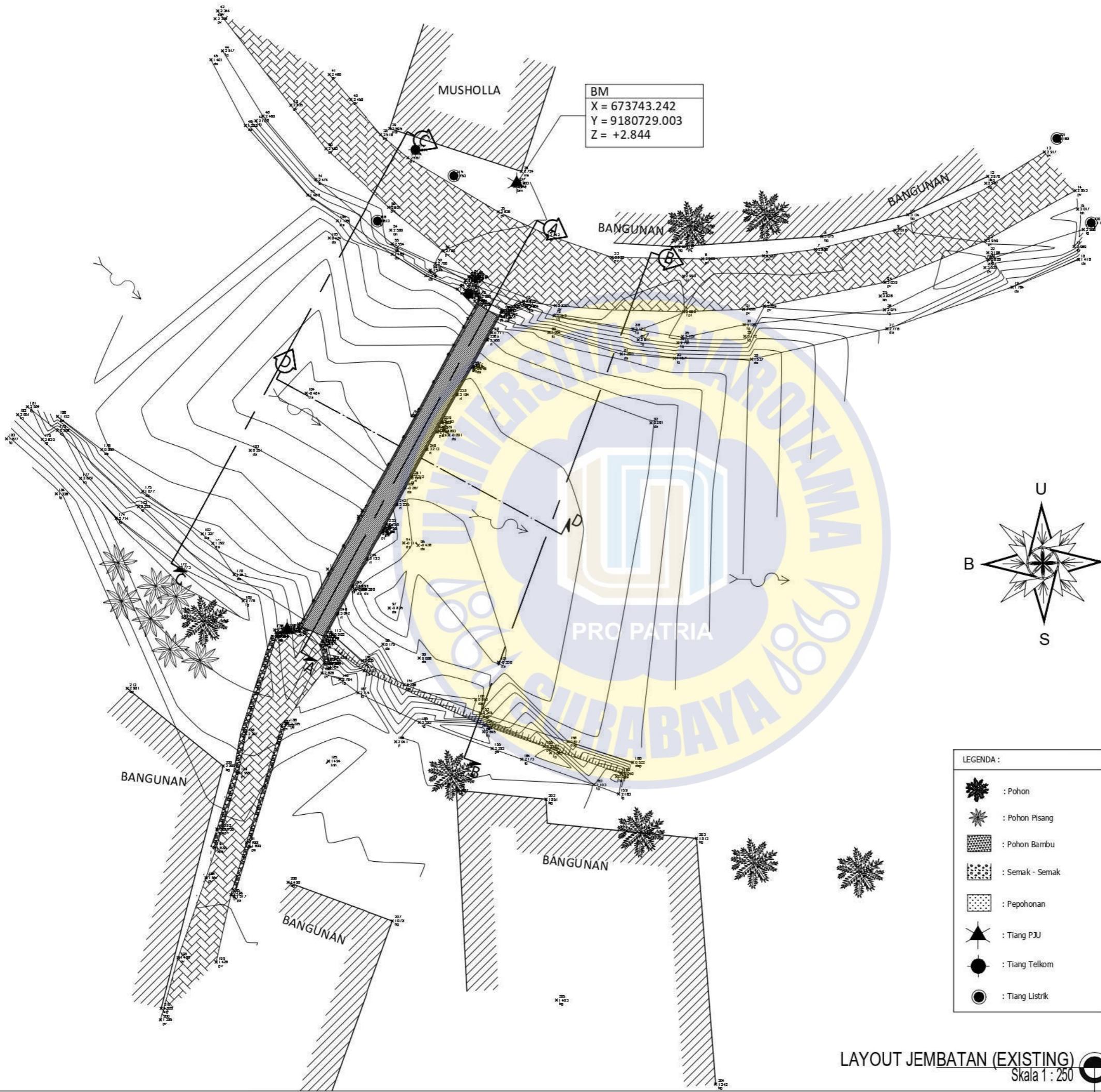
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JBT-KT

02

NO. GBR

39





PEMERINTAH KABUPATEN SIDOARJO
DINAS PU BINA MARGA DAN SUMBER DAYA AIR
Jl. Sultan Agung No. 17 A Telp. 8921942
SIDOARJO - 62111

NAMA KEGIATAN

PENYELENGGARAAN JALAN KABUPATEN / KOTA

NAMA PEKERJAAN

PENINGKATAN JEMBATAN
DSN. SIDOMUKTI RT. 07 RW. 02
DS. KRATON KRIAN - KRATON

LOKASI

KEC. KRIAN

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DIPERIKSA

DIREKTUR

FEBRI ADITYA, S.T.

DIPERIKSA & DISETUJUI

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DAN SUMBER DAYA AIR
KABUPATEN SIDOARJO

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NIP. 19700221 199003 1 002

JUDUL GAMBAR

LAYOUT JEMBATAN
(RENCANA)

SKALA

1 : 250

GAMBAR

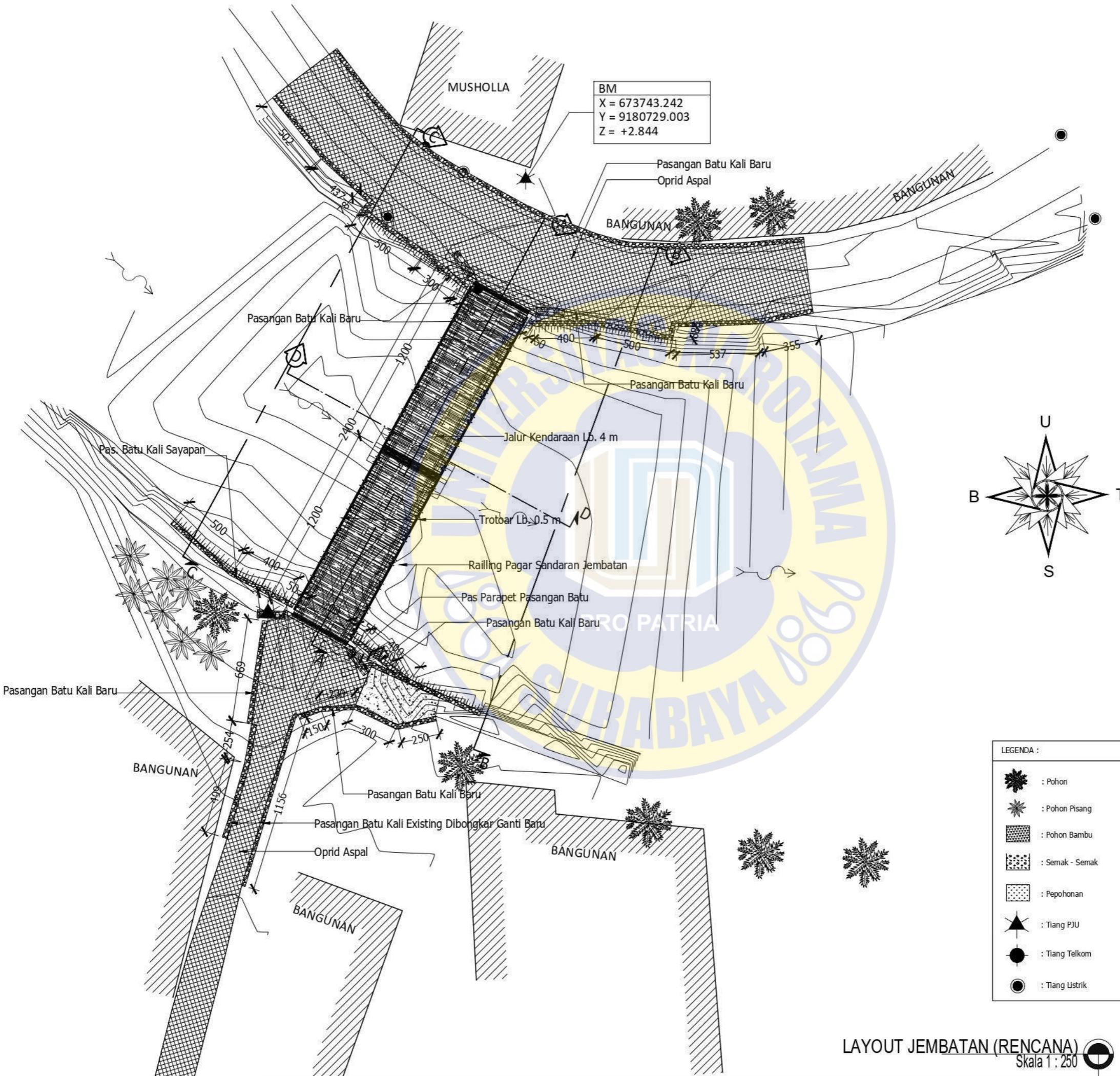
NO. GBR

JML. GBR

JBT-KT

03

39





NAMA KEGIATAN

PENYELENGGARAAN JALAN KABUPATEN / KOTA

NAMA PEKERJAAN

PENINGKATAN JEMBATAN
DSN. SIDOMUKTI RT. 07 RW. 02
DS. KRATON KRIAN - KRATON

LOKASI

KEC. KRIAN

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TANDA TANGAN

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DAN SUMBER DAYA AIR

KABUPATEN SIDOARJO

DWI EKO SAPTONO, S.Sos., MM , MT

NIP. 19700221 199003 1 002

JUDUL GAMBAR

SKALA

POTONGAN A-A (EXISTING)

1 : 175

POTONGAN A-A (RENCANA)

1 : 175

GAMBAR

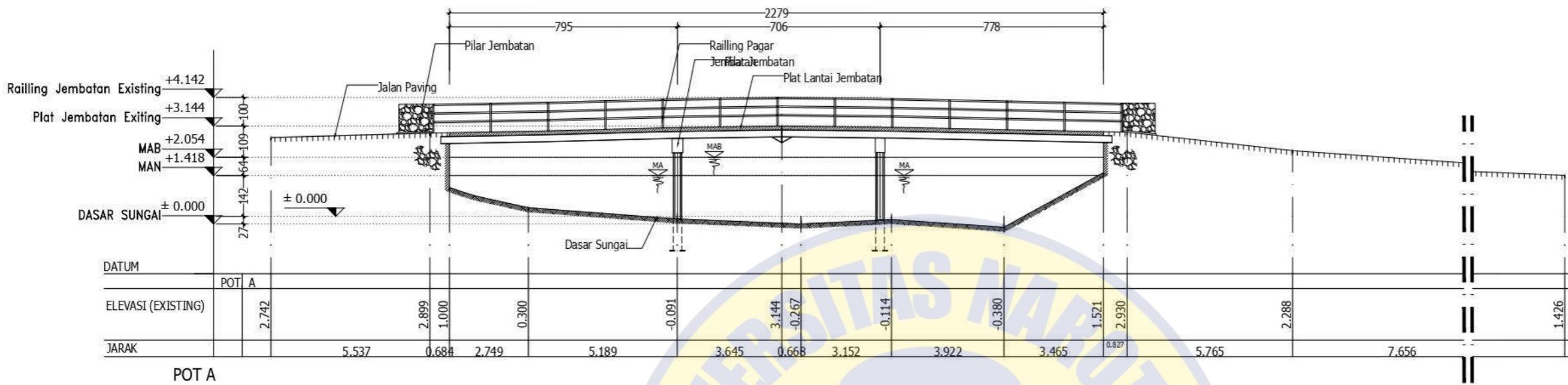
NO. GBR

JML. GBR

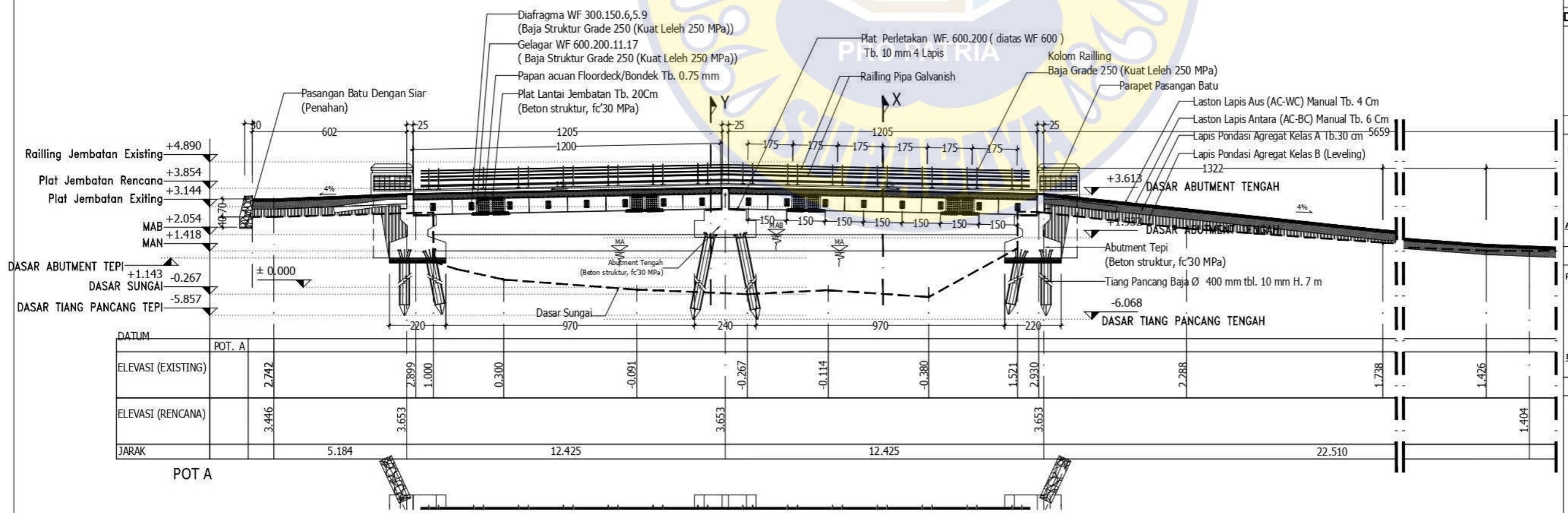
JBT-KT

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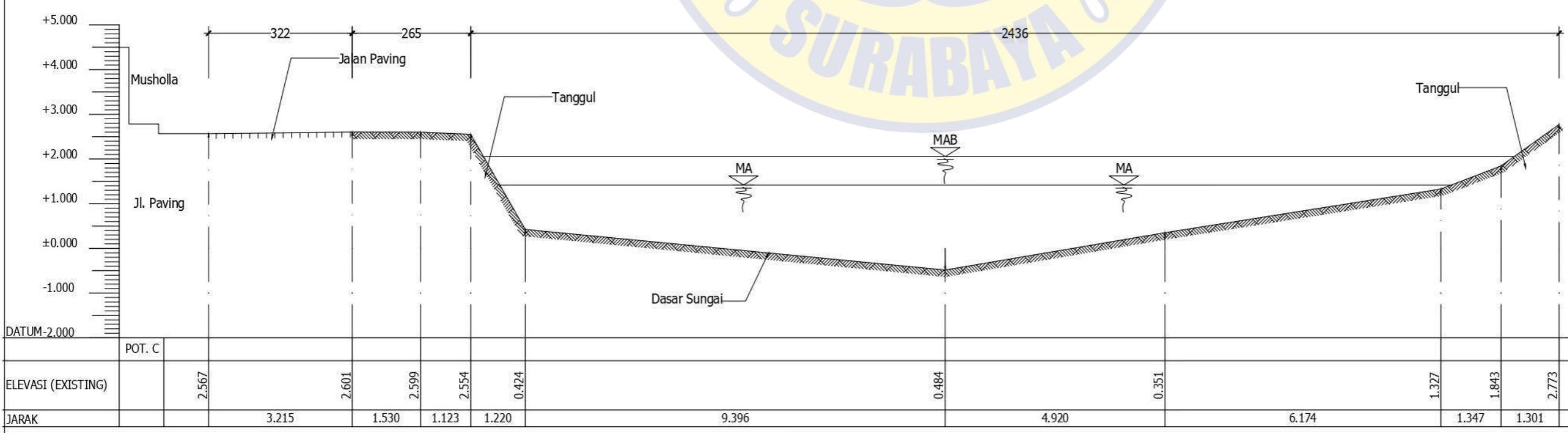
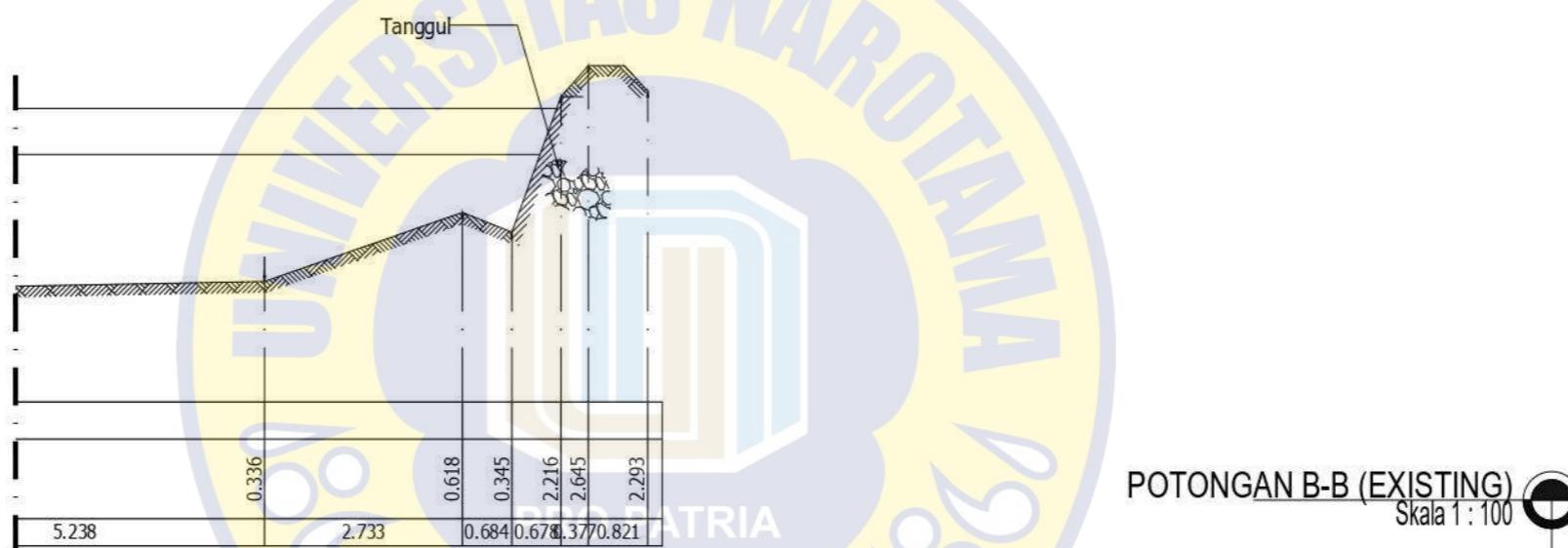
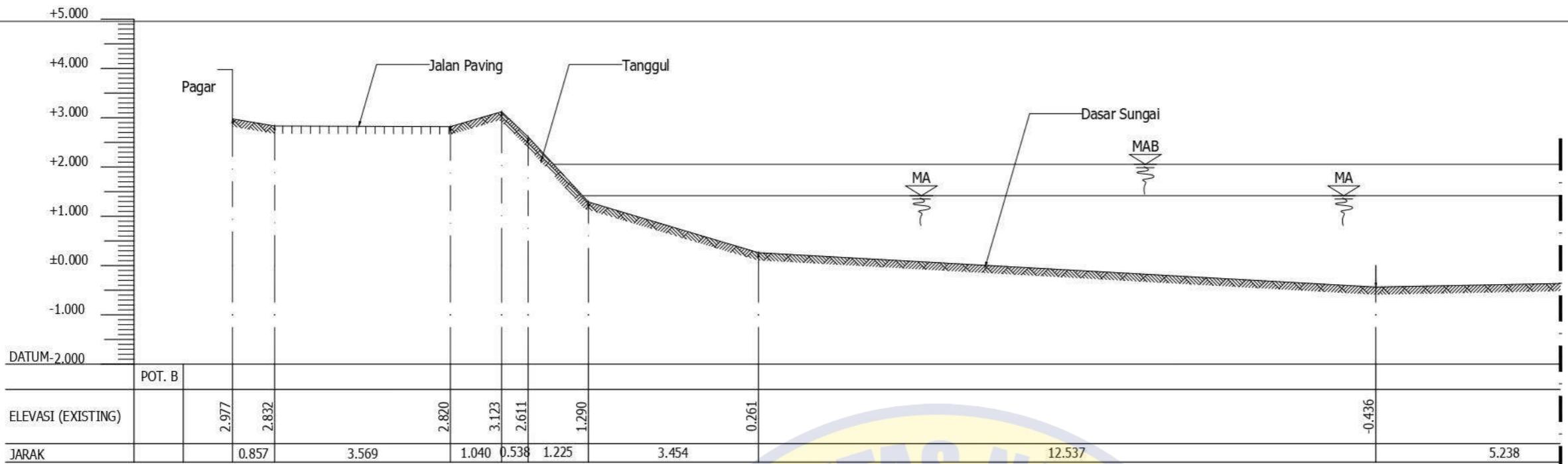
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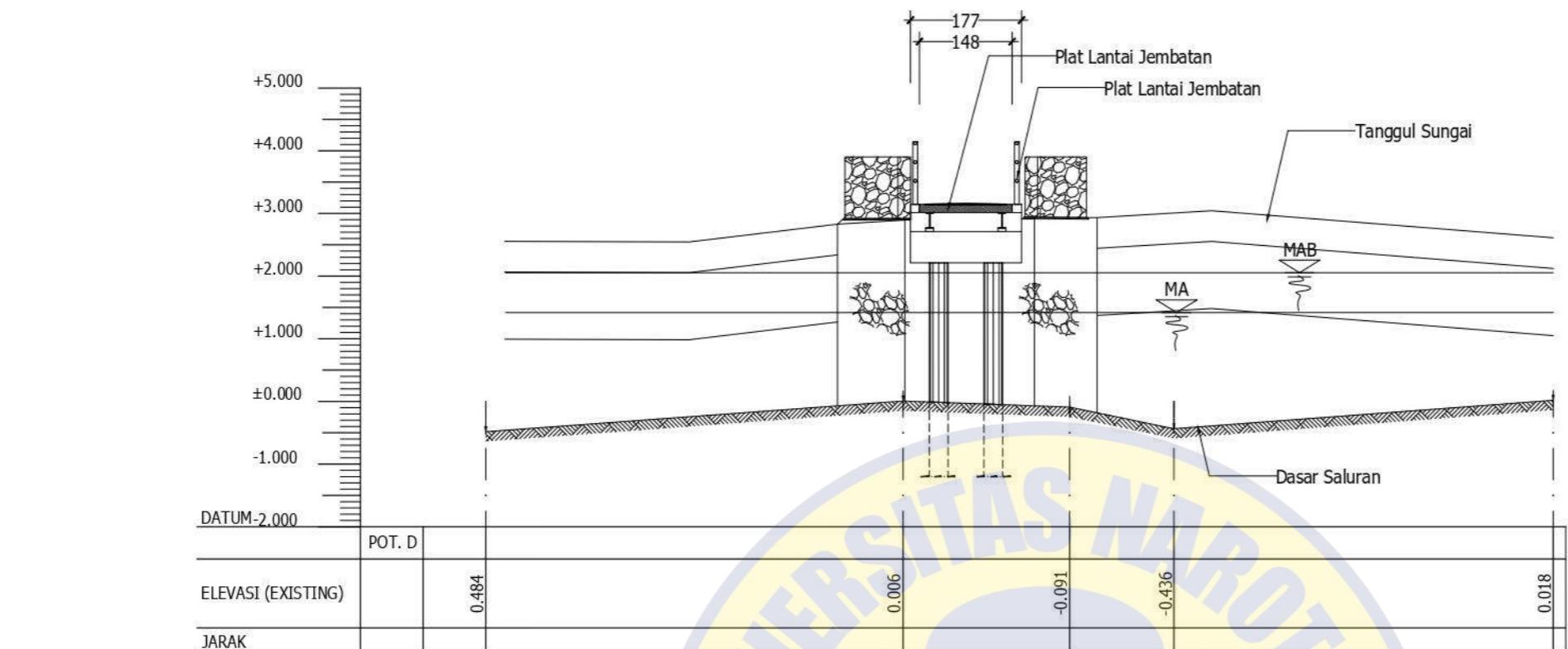


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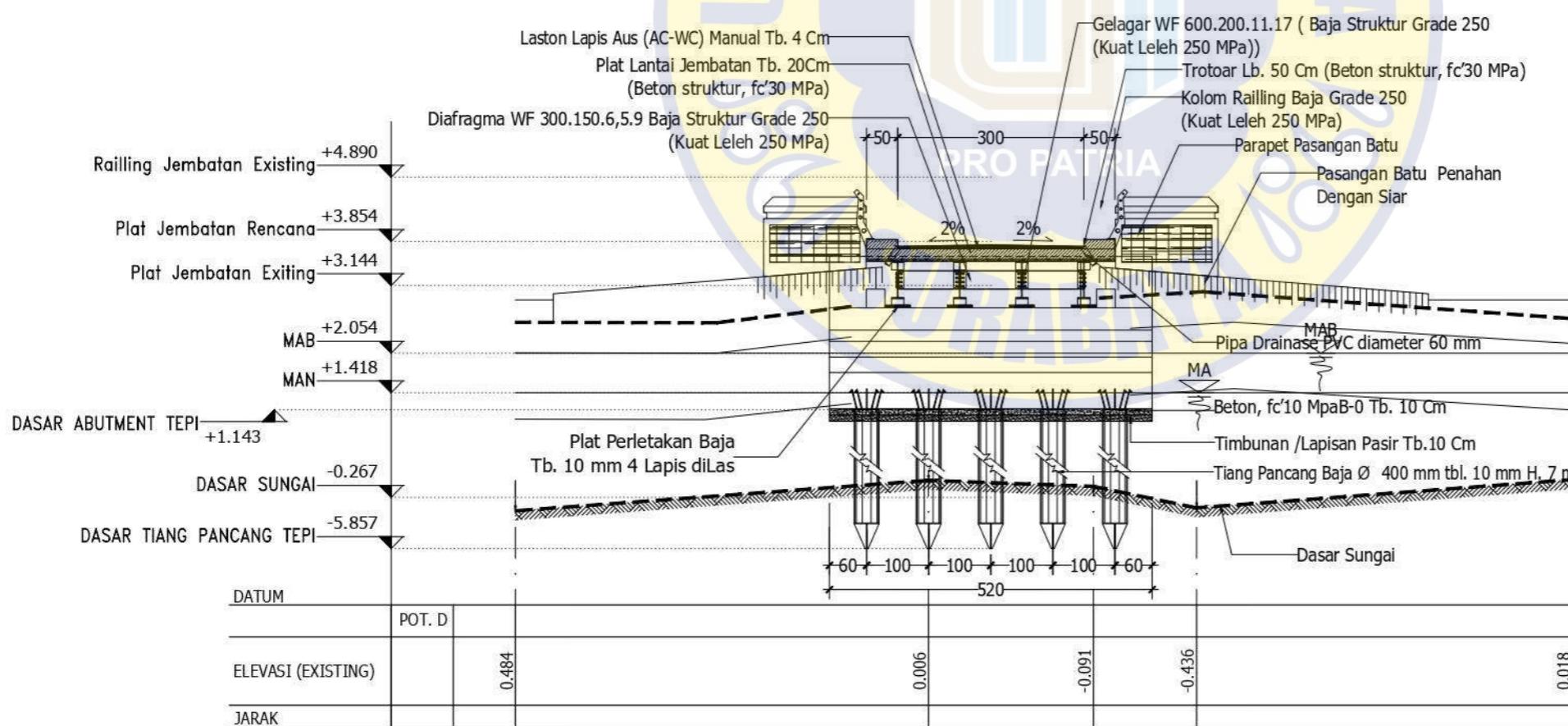


POTONGAN C-C (EXISTING) Skala 1:100

NAMA KEGIATAN		
PENYELENGGARAAN JALAN KABUPATEN / KOTA		
NAMA PEKERJAAN		
PENINGKATAN JEMBATAN DSN. SIDOMUKTI RT. 07 RW. 02 DS. KRATON KRIAN - KRATON		
LOKASI		
KEC. KRIAN		
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TEAM LEADER		
Ir. KUSWANTORO		
DIPERIKSA		
DIREKTUR		
FEBRI ADITYA, S.T.		
DIPERIKSA & DISETUJUI		
TEAM LEADER CORETEAM		
AHMAD FARID BRILLIANTO, S.T., M.Eng NIP. 19750627 200604 1 014		
MENGETAHUI	TANDA TANGAN	
PEJABAT PEMBUAT KOMITMEN		
DWI EKO SAPTONO, S.Sos., MM , MT NIP. 19700221 199003 1 002		
JUDUL GAMBAR	SKALA	
POTONGAN B-B (EXISTING) POTONGAN C-C (EXISTING)	1 : 100 1 : 100	
GAMBAR	NO. GBR	JML. GBR
JBT-KT	05	39



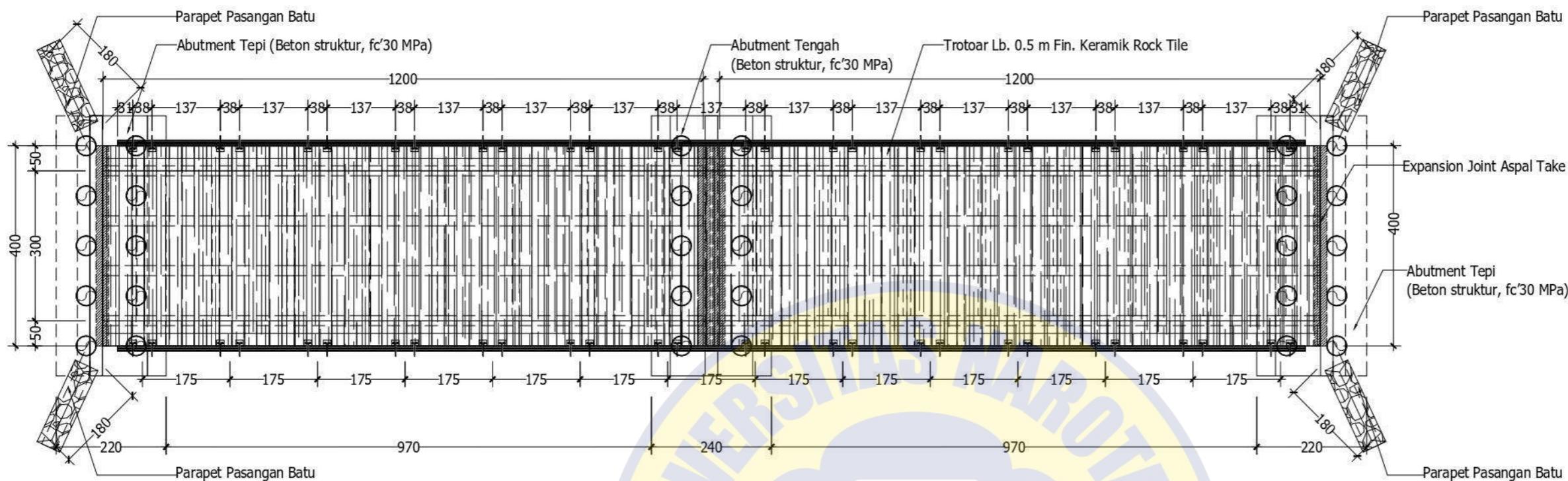
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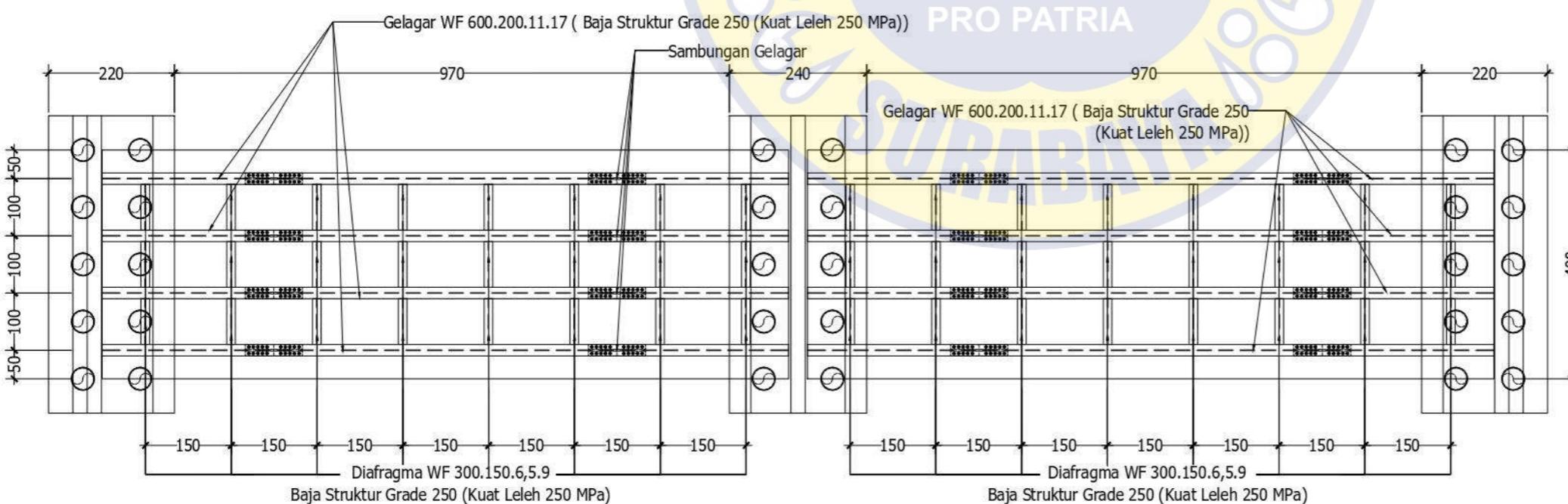
POT A

POTONGAN D-D (RENCANA) Skala 1 : 100

NAMA KEGIATAN		
PENYELENGGARAAN JALAN KABUPATEN / KOTA		
NAMA PEKERJAAN		
PENINGKATAN JEMBATAN DSN. SIDOMUKTI RT. 07 RW. 02 DS. KRATON KRIAN - KRATON		
LOKASI		
KEC. KRIAN		
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DIREKTRUR	Ir. KUSWANTORO	
TEAM LEADER CORETEAM	DIPERIKSA & DISETUJUI	
PEJABAT PEMBUAT KOMITMEN	TEAM LEADER	
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Pt. KEPALA DINAS PU BINA MARGA DAN SUMBER DAYA AIR KABUPATEN SIDOARJO	MENGETAHUI	TANDA TANGAN
DWI EKO SAPTONO, S.Sos., MM , MT NIP. 19700221 199003 1 002	JUDUL GAMBAR	SKALA
POTONGAN D-D (EXISTING) POTONGAN D-D (RENCANA)	1 : 100 1 : 100	
GAMBAR	NO. GBR	JML. GBR
JBT-KT	06	39



DENAH JEMBATAN (RENCANA) Skala 1 : 100



DENAH GELAGAR DAN DIAFRAGMA Skala 1 : 100

TABEL KEBUTUHAN BAJA WF	
4 Batang 12 m Jadi	= 8 Batang 6 m
4 Batang 12 m Jadi	= 16 Batang 3 m

NAMA KEGIATAN		
PENYELENGGARAAN JALAN KABUPATEN / KOTA		
NAMA PEKERJAAN		
PENINGKATAN JEMBATAN DSN. SIDOMUKTI RT. 07 RW. 02 DS. KRATON KRIAN - KRATON		
LOKASI		
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TEAM LEADER CORETEAM		
Ir. ABDUL HARIS, MT.		
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MENGETAHUI	TANDA TANGAN	
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DWI EKO SAPTONO, S.Sos., MM , MT NIP. 19700221 199003 1 002		
JUDUL GAMBAR	SKALA	
DENAH JEMBATAN (RENCANA)	1 : 100	
DENAH GELAGAR DAN DIAFRAGMA	1 : 100	
GAMBAR	NO. GBR	JML. GBR
JBT-KT	07	39