

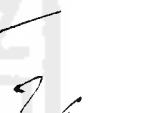

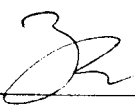



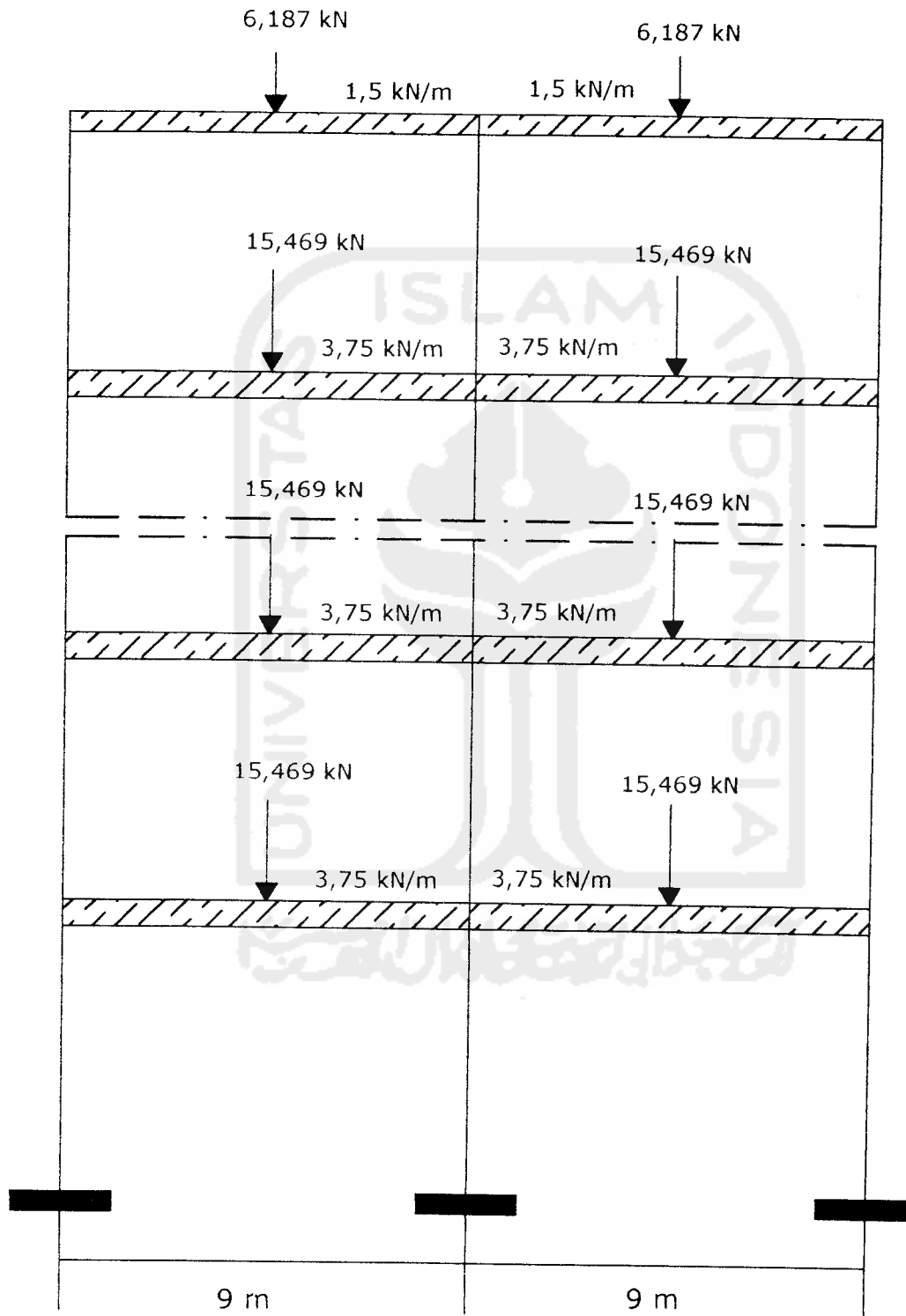
CATATAN KONSULTASI TUGAS AKHIR

NO	TANGGAL	CATATAN KONSULTASI	TANDA TANGAN
	25/9/03	Perbaik. /o	
	26/3/03	Konultasi /o	Thua /o
	29/3/03	perbaikan	
	1/04/03	perb	
	17/4/03	hangut /o	
	28/04	Amputasi	
	29/4/03	NFD /o	
	17/05-03	gigitan las & presis	SAW
	14/05-03	lanjut /o	
	22/05-03	Perbaikan /o	
	26/05/03	Ace siap /o ↳ Kesimpulannya.	
	29/05	perb. pembetulan	
	30/05	" "	
	2/06	Ace	
6	Siaph	Semarang /o	
3	Am	Sidang /o	

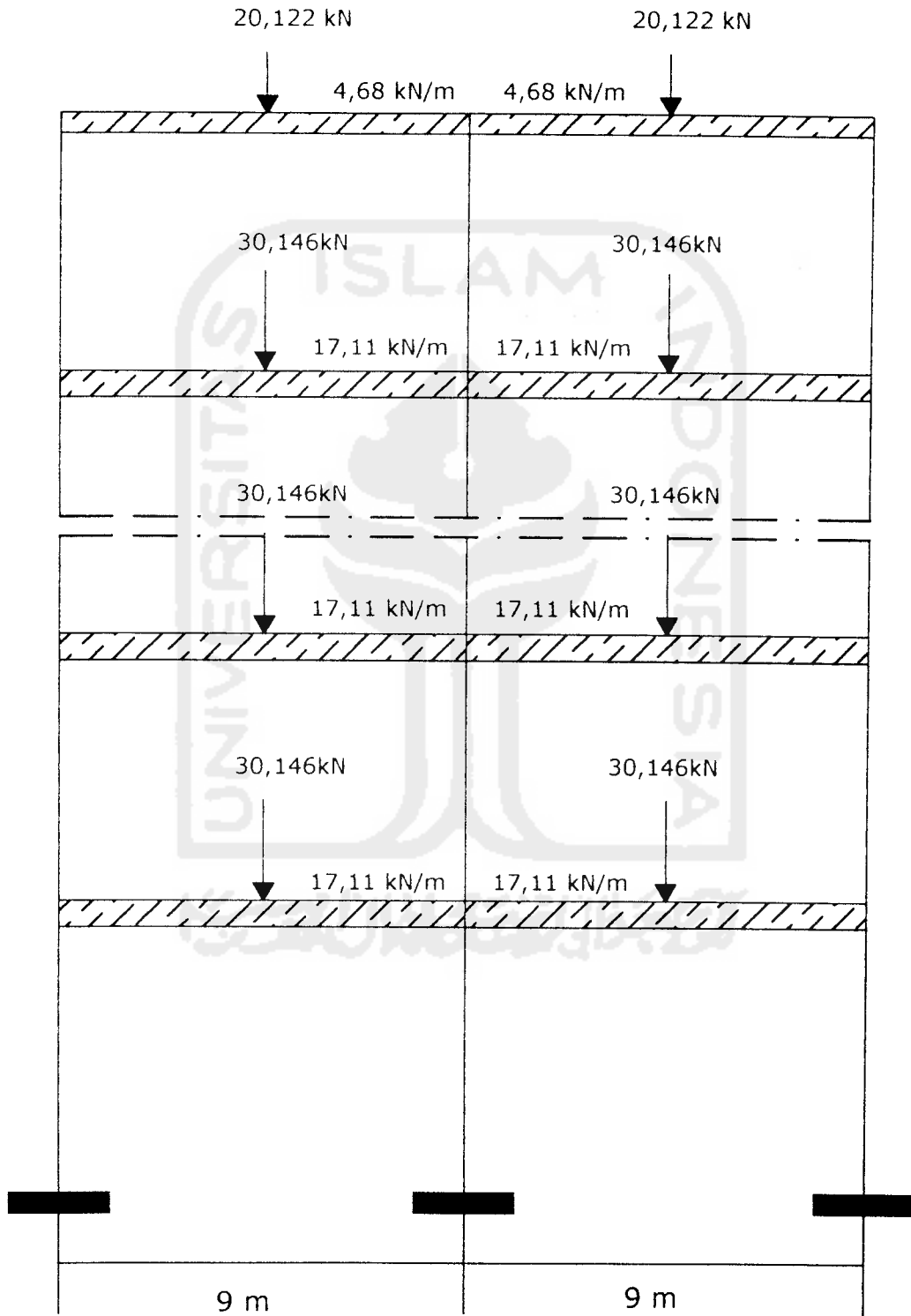


**LAMPIRAN
PORTAL 18 LANTAI**

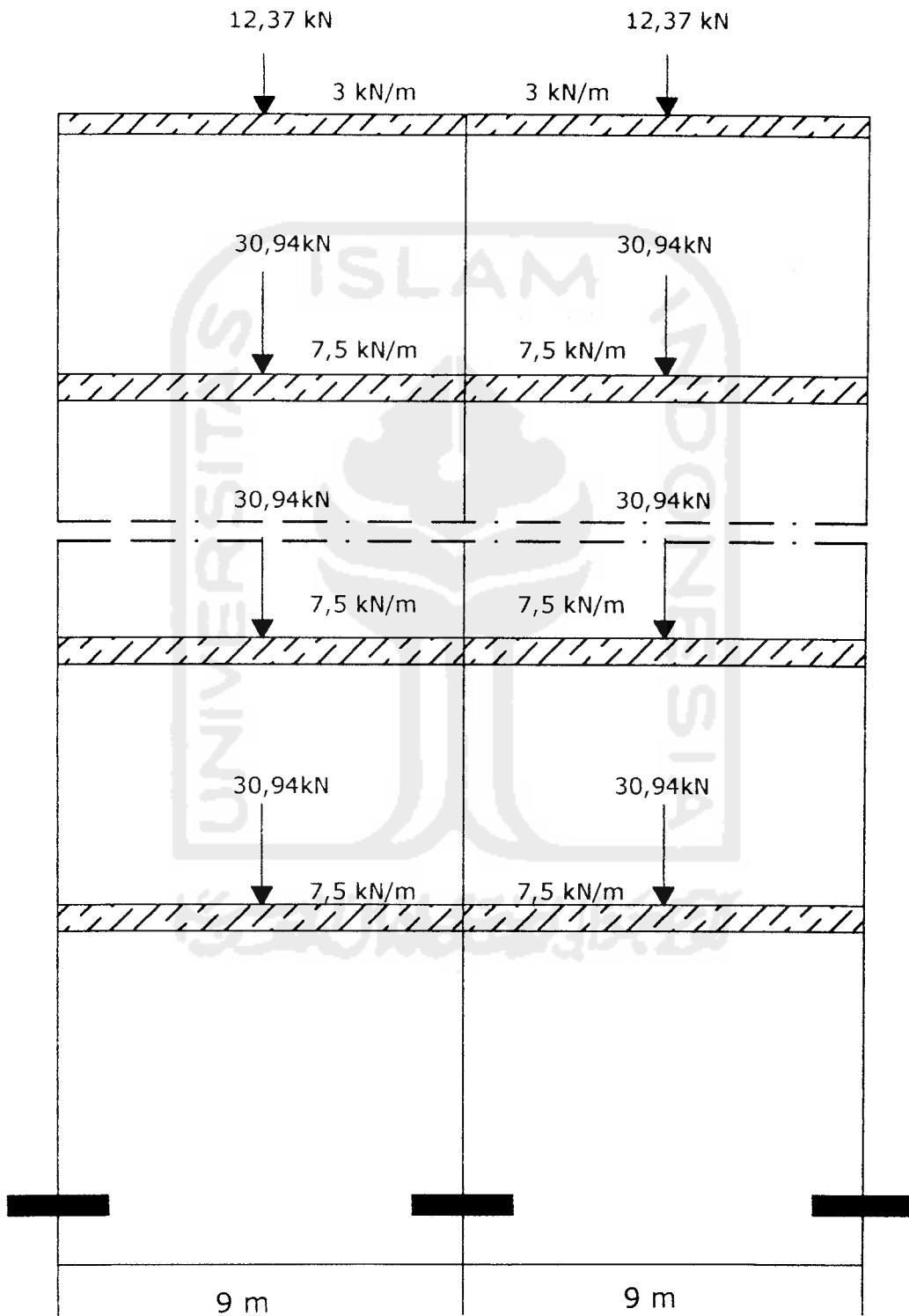
PORTAL TEPI
Beban Hidup



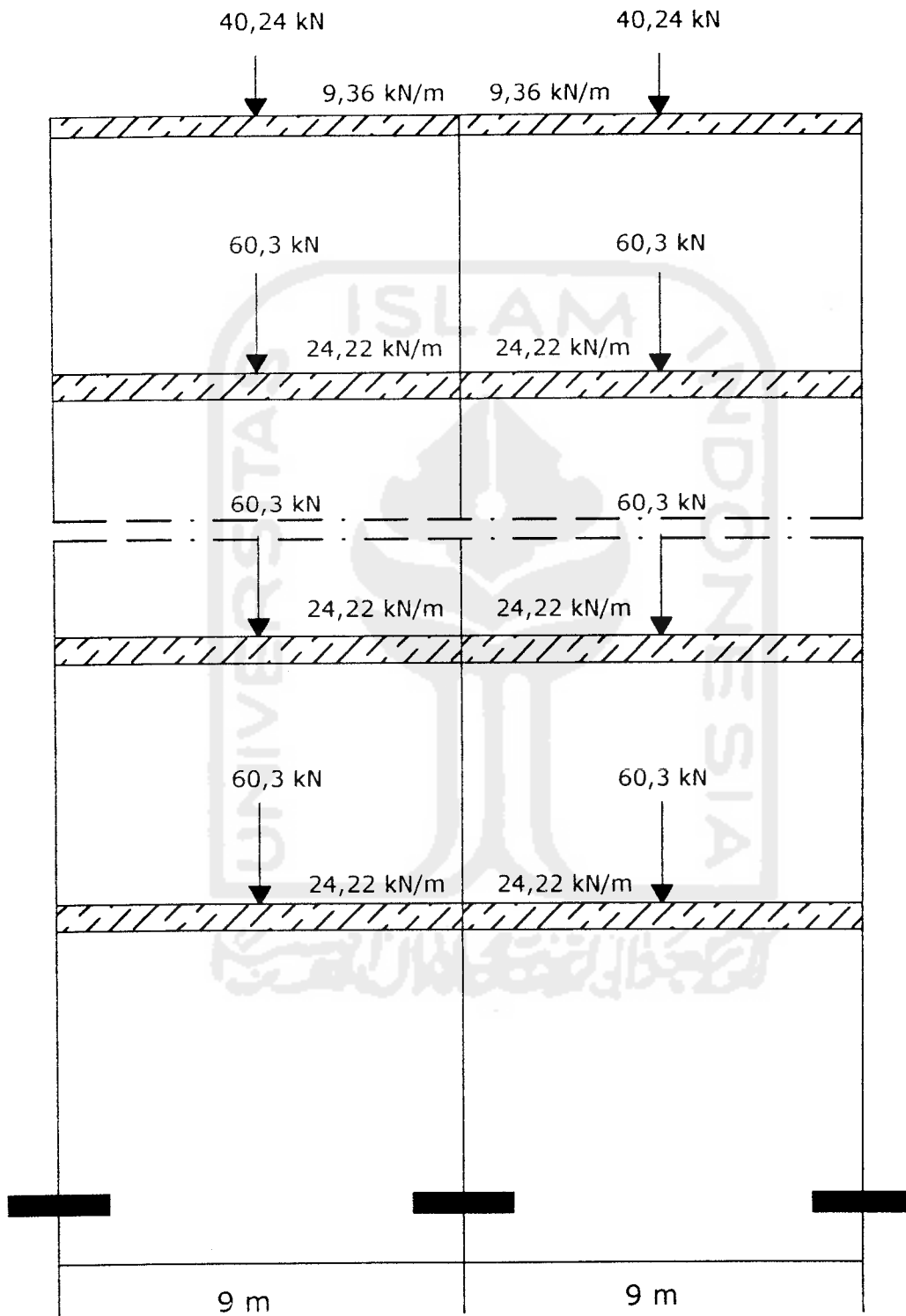
PORTAL TEPI
Beban Mati



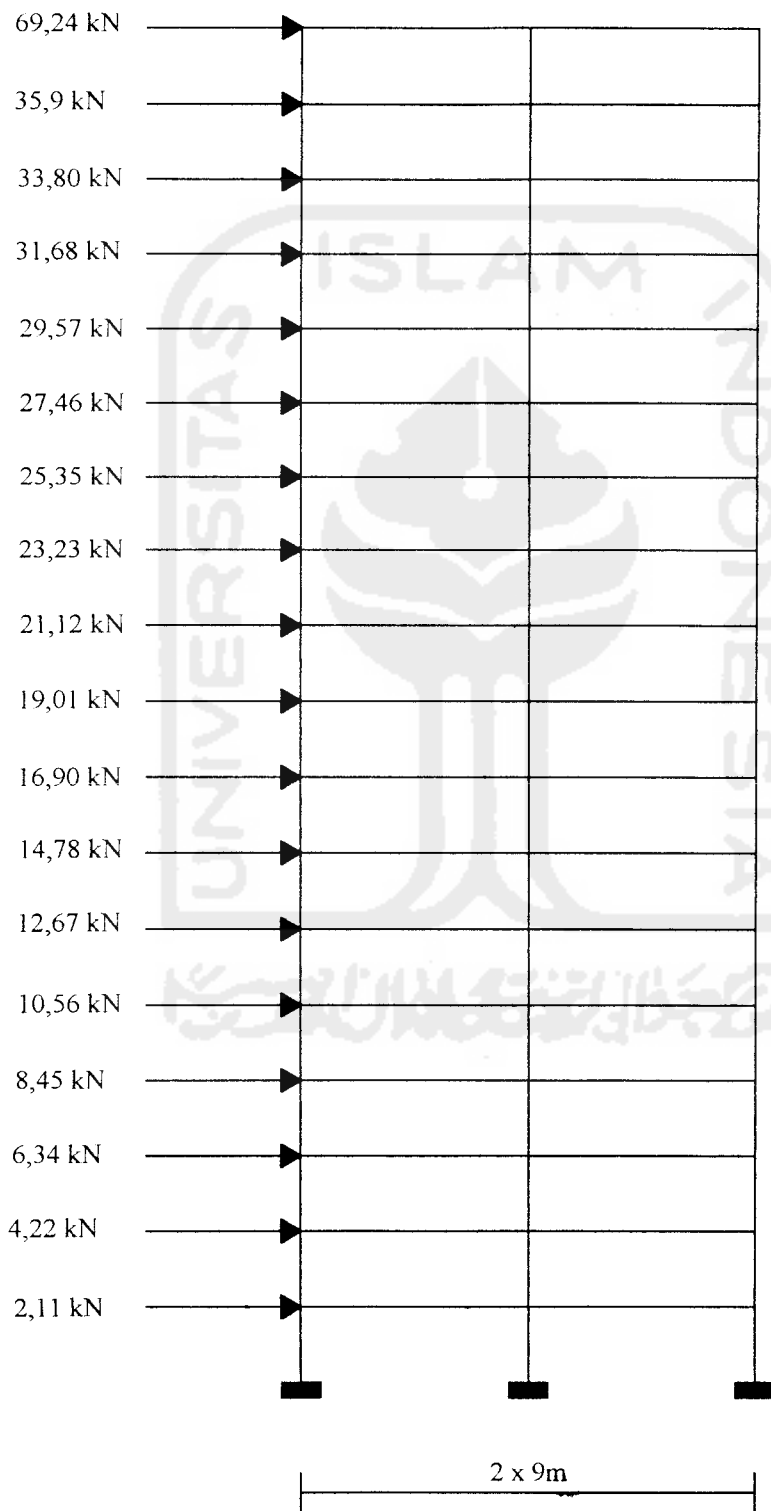
PORTAL TENGAH
Beban Hidup



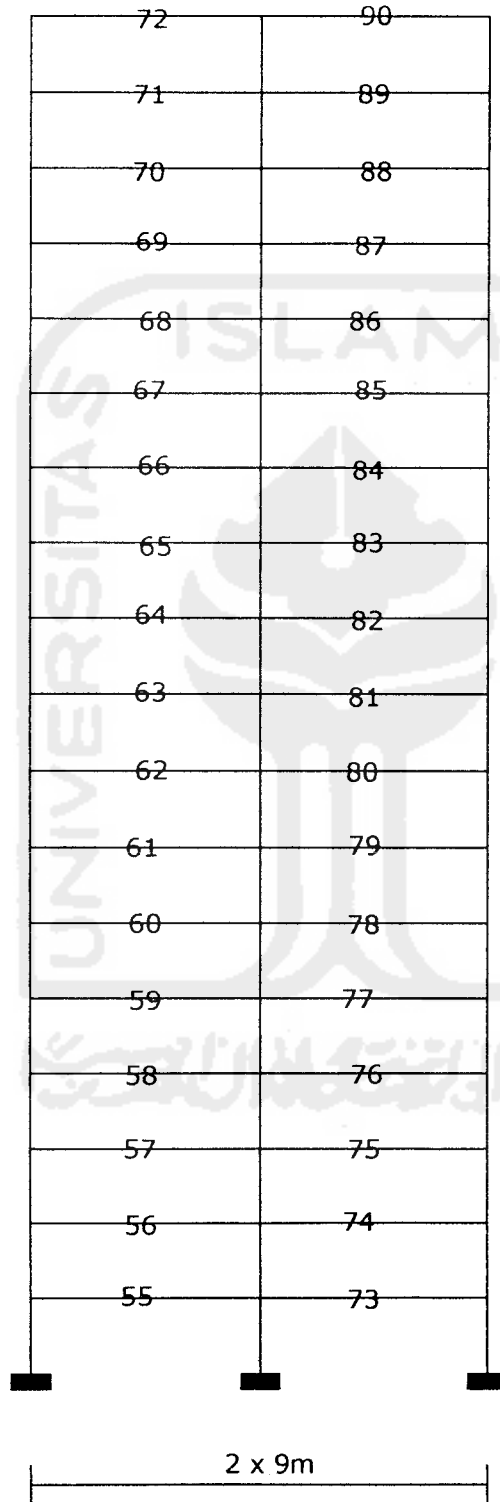
PORTAL TENGAH
Beban Mati





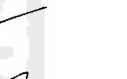



Beban Gempa



Nomor Elemen



CATATAN KONSULTASI TUGAS AKHIR

NO	TANGGAL	CATATAN KONSULTASI	TANDA TANGAN
	25/3/03	Perbaik. /o	
	26/3/03	Konsultansi /o	Thua /o
	29/3/03	perbaikan	
	1/04/03	perb	
	17/4/03	hangut ke /o	
	28/04	lanjutan	
	29/4/03	NFD /o	
	17/05-03	ganti las & presis	SAW
	14/05-03	daur ulang /o	
	22/05-03	Perbaikan /o	
	26/05/03	Ace siap /o ↳ Keiripulan.	
	29/05	perb. perbaikan	
	30/05	" "	
	2/06	Ace	
6	Siaph	Semarang /o	
3	Am	1. Sidang /o	

MOMEN BALOK PORTAL TEPI ARAH-X (K.ft)

Elemen	Station	D	1.4D	1.2D+1.6L	1.2D+0.5L+E	1.2D+0.5L-E	0.9D+E	D+L	D+E	D-E	D+L+E	D+L-E	Lantai	
55	0	-86.42171	-120.9904	-140.4915	193.7839	-424.1869	205.2793	-386.7649	-109.4126	222.5637	-395.4071	199.5728	-418.398	1
14.76378	84.88535	118.8395	143.1696	145.094	145.094	84.44784	132.1855	46.07375	110.7023	54.56228	141.0254	80.37925	1	
29.52756	-120.9271	-169.2979	-197.4631	-409.7556	-409.7556	86.81152	-393.3961	139.4492	-153.6462	-369.2106	-401.9298	94.63737	1	
55	0	-103.9556	-145.5378	-168.7768	194.9726	-471.9848	208.732	-427.0387	-131.4744	229.5231	-437.4343	202.0043	2	
14.76378	85.20686	119.2896	143.6537	144.6606	144.6606	85.71431	131.7214	47.21304	111.0853	114.68	55.73373	140.5584	2	
29.52756	-102.7747	-143.8846	-168.2493	-411.8981	-411.8981	137.164	-397.8607	182.0338	-130.8495	-377.3058	171.7564	-405.3806	2	
56	0	-114.4415	-160.2181	-185.6109	178.0919	-482.9273	193.1798	-433.507	-144.6172	216.0681	-444.9511	185.8924	3	
14.76378	86.74735	121.4463	146.1299	146.4869	146.4869	87.97737	133.3516	48.81783	113.018	116.0021	57.49257	142.2728	3	
29.52756	-89.20822	-124.8915	-146.4637	-391.3664	-391.3664	152.633	-379.0496	191.7123	-113.8419	-361.2079	182.7915	-385.8416	3	
57	0	-123.9051	-173.4672	-200.8116	157.9286	-487.8793	174.2178	-434.4186	-156.4835	198.9989	-446.8091	166.4205	4	
14.76378	88.02054	123.2288	148.1748	147.4578	147.4578	90.38536	134.1609	50.68228	114.6144	116.5567	59.48433	143.1506	4	
29.52756	-77.2006	-108.0808	-127.177	-369.2686	-369.2686	162.4019	-358.476	196.3547	-98.78578	-343.0358	188.6346	-364.621	4	
58	0	-132.1487	-185.0082	-214.053	137.194	-489.0225	154.5297	-432.0421	-166.8203	180.9595	-445.2569	146.2879	5	
14.76378	89.13231	124.7852	149.9605	148.0552	148.0552	92.73843	134.6172	52.56068	116.0084	116.7907	61.47392	143.6668	5	
29.52756	-66.73583	-93.43016	-110.368	-347.3455	-347.3455	168.25*4	-337.8814	197.7362	-85.66393	-324.5342	191.0626	-343.4623	5	
59	0	-139.3153	-195.0415	-225.565	115.9535	-486.8019	134.1993	-426.7615	-175.807	162.0623	-440.693	125.5707	6	
14.76378	90.09821	126.1375	151.5121	148.2887	148.2887	95.06835	134.728	54.47819	117.2196	116.7084	63.48801	143.8298	6	
29.52756	-57.64001	-80.69601	-95.75702	-325.6444	-325.6444	170.6902	-317.3353	196.2913	-74.25813	-305.8073	190.5273	-322.4254	6	
60	0	-145.5197	-203.7275	-235.532	94.12753	-481.4425	113.1614	-418.7527	-183.5874	142.2654	-433.3047	104.1976	7	
14.76378	90.93362	127.3071	152.8541	148.1869	148.1869	97.38738	134.5201	56.4405	118.2672	116.3334	65.53386	143.667	7	
29.52756	-49.76754	-69.67456	-83.11031	-304.0283	-304.0283	169.9679	-296.7192	192.2073	-64.38583	-286.7657	187.2306	-301.3839	7	
61	0	-150.8608	-211.2052	-244.1132	71.63931	-473.1304	91.35187	-408.1596	-190.2859	121.524	-423.2457	82.09891	8	
14.76378	91.65199	128.3128	154.0082	147.7724	147.7724	99.70854	134.0143	58.45487	119.1681	115.6839	67.62007	143.2001	8	
29.52756	-42.9924	-60.18935	-72.22539	-282.375	-282.375	166.2966	-275.9267	185.6427	-55.88997	-267.3282	181.3434	-280.2248	8	
62	0	-155.4242	-217.5939	-251.4457	48.41851	-462.022	68.7122	-395.102	-196.0096	99.79606	-410.6444	59.21064	9	
14.76378	92.26489	129.1709	154.993	147.0642	147.0642	102.0434	133.2283	60.528	119.9368	114.7753	69.75449	142.4472	9	
29.52756	-37.20609	-52.08852	-62.92794	-260.5759	-260.5759	159.8559	-254.8632	176.7305	-48.63148	-247.422	173.0098	-258.8474	9	

MOMEN BALOK PORTAL ARAH-X (K.ft)

Elemen	Station	D	1.4D	1.2D+1.6L	1.2D+0.5L+E	1.2D+0.5L-E	0.9D+E	0.9D-E	D+L	D+E	D-E	D+L+E	D+L-E	Lantai
64	0	-159.2826	-222.9957	-257.6466	24.41216	-448.2576	45.19573	-379.6892	-200.8498	77.05225	-395.6175	35.4851	-437.1847	10
64	14.76378	92.78217	129.895	155.8243	146.0795	104.4013	132.1777	62.66486	120.5857	113.6213	71.94308	141.4248	99.74663	10
64	29.52756	-32.31597	-45.24236	-55.06911	-238.5441	150.8046	-233.4535	165.59	-42.49718	-226.9903	162.3584	-237.1715	152.1772	10
65	0	-162.4977	-227.4968	-262.8148	-0.4152219	-431.9653	20.77779	-362.0229	-204.8837	53.27732	-378.2727	10.89131	-420.6587	11
65	14.76378	93.21217	130.4971	156.5155	144.8335	106.7888	130.8769	64.86864	121.1252	112.2345	74.18987	140.1475	102.1029	11
65	29.52756	-28.24376	-39.54126	-48.52308	-216.2132	139.2841	-211.6412	152.3293	-37.38787	-205.9924	149.5049	-215.1365	140.3608	11
66	0	-165.1207	-231.1689	-267.0329	-26.09025	-413.2544	-4.56272	-342.1907	-208.1757	28.46141	-358.7028	-14.59364	-401.7578	12
66	14.76378	93.56186	130.9866	157.0778	143.3391	109.2116	129.338	67.14194	121.5641	110.6256	76.49813	138.6278	104.5003	12
66	29.52756	-24.92427	-34.89397	-43.18508	-193.5308	125.4151	-189.3821	137.0411	-33.22174	-184.3972	134.5487	-192.6947	126.2512	12
67	0	-167.1934	-234.0707	-270.3679	-52.62927	-392.2197	-30.8368	-320.2693	-210.7783	2.601871	-336.9886	-40.98306	-380.5735	13
67	14.76378	93.83688	131.3716	157.5202	141.6073	111.6737	127.5711	69.48636	121.9094	108.8037	78.87005	136.8762	106.9425	13
67	29.52756	-22.30437	-31.22612	-38.98967	-170.4585	109.3002	-166.6446	119.8054	-29.93213	-162.1837	117.575	-169.8114	109.9472	13
68	0	-168.7489	-236.2484	-272.8732	-80.03958	-368.9418	-58.04752	-296.3251	-212.733	-24.29775	-313.2	-68.28187	-357.1841	14
68	14.76378	94.04167	131.6583	157.8501	139.6475	114.1775	125.585	71.9025	122.1667	106.7767	81.30666	134.9017	109.4317	14
68	29.52756	-20.34205	-28.47887	-35.80924	-146.9702	91.02502	-143.4081	100.6898	-27.46629	-139.3396	98.65555	-146.4639	91.53131	14
69	0	-169.8075	-237.7305	-274.5813	-108.3144	-343.4812	-86.18559	-270.4101	-214.0652	-52.2241	-287.3908	-96.48181	-331.6485	15
69	14.76378	94.18074	131.853	158.0745	137.4677	116.727	123.3872	74.39232	122.3417	104.5511	83.81039	132.7121	111.9714	15
69	29.52756	-19.00804	-26.61126	-33.65673	-123.0566	70.65791	-119.6669	79.75003	-25.78747	-115.8653	77.84922	-122.6447	71.0698	15
70	0	-170.4488	-238.6283	-275.6254	-137.5527	-315.9537	-115.3381	-242.6044	-214.8781	-81.24829	-259.6493	-125.6775	-304.0786	16
70	14.76378	94.23988	131.9358	158.1694	135.0576	119.294	120.9697	76.93407	122.4158	102.1217	86.35806	130.2976	114.534	16
70	29.52756	-18.2508	-25.55112	-32.42672	-98.63902	48.2585	-95.34972	57.02304	-24.8294	-91.69956	55.19796	-98.27816	48.61935	16
71	0	-170.3431	-238.4804	-275.3902	-167.2213	-285.9638	-145.0405	-212.6801	-214.7047	-110.9719	-229.7144	-155.3334	-274.076	17
71	14.76378	94.30876	132.0323	158.3013	132.4896	122.0581	118.3862	79.66216	122.5155	99.5245	89.09303	127.7312	117.2997	17
71	29.52756	-18.21962	-25.50746	-32.39961	-74.10392	23.79179	-70.81139	32.5502	-24.80466	-67.16747	30.72824	-73.75252	24.1432	17
72	0	-89.05317	-124.6744	-143.6479	-91.47916	-145.2385	-79.98414	-107.0275	-112.0432	-62.1735	-115.9328	-85.16355	-138.9229	18
72	14.76378	57.84213	80.97898	94.25034	80.49507	73.85091	72.73264	48.73583	73.367	61.16421	54.52005	76.68908	70.04491	18
72	29.52756	46.33297	64.86617	73.2881	40.86869	81.38579	35.34102	61.95823	57.38831	26.07442	66.59152	37.12976	77.64686	18

MOMEN BALOK PORTAL TEPI ARAH-X (K.ft)

Elemen	Station	D	1.4D	1.2D+1.6L	1.2D+0.5L+E	1.2D+0.5L-E	0.9D+E	0.9D-E	D+L	D+E	D-E	D+L+E	D+L-E	Lantai
73		0	-120.9477	-169.3268	-197.4969	86.74211	-409.7414	103.1045	-357.0947	-153.6725	127.294	94.56926	-401.9142	1
73	14.76378	84.97002	118.958	143.3074	84.59206	145.1756	71.67226	106.7648	110.8096	54.67826	115.2618	80.51785	141.1014	1
73	29.52756	-86.25056	-120.7508	-140.2128	-423.8124	-423.8124	193.866	-412.3398	231.2137	-109.1956	222.5886	-418.0348	199.6436	1
74		0	-102.752	-143.8528	-168.2126	137.0268	-411.7005	151.0612	-366.8405	-130.8209	171.6116	143.5427	-405.1845	2
74	14.76378	85.23778	119.3329	143.7038	85.89934	144.5679	72.94605	106.0533	111.1243	55.8985	114.577	81.78506	140.4636	2
74	29.52756	-103.9149	-145.4808	-168.7108	-471.4986	-471.4986	194.5948	-457.7446	239.5233	-131.423	-436.9616	-464.4697	201.6237	2
75		0	-89.16493	-124.8309	-146.3934	152.5549	-391.1729	164.866	-352.1123	-113.7871	182.6989	158.0768	-385.651	3
75	14.76378	86.78612	121.5006	146.1928	88.16232	146.4053	75.02187	107.229	113.067	57.66465	115.9076	83.94553	142.1885	3
75	29.52756	-114.4048	-160.1667	-185.5515	-482.4806	-482.4806	177.743	-467.3976	227.1474	-144.5709	-444.5166	-474.6826	185.5409	3
76		0	-77.15917	-108.0228	-127.1099	162.3624	-369.1187	173.1495	-335.1838	-98.73345	188.5814	167.0071	-364.474	4
76	14.76378	88.05655	123.2792	148.2331	90.55785	147.3812	77.2562	107.6626	114.6599	59.64489	116.4682	86.24819	143.0715	4
76	29.52756	-123.8706	-173.4188	-200.7556	-487.4962	-487.4962	157.6376	-471.2116	211.0834	-156.4399	-446.4375	-479.0068	166.127	4
77		0	-66.69598	-93.37437	-110.3034	168.2477	-347.2357	177.7065	-317.7681	-85.61362	191.0457	172.1281	-343.3553	5
77	14.76378	89.16606	124.8325	150.0152	92.89803	147.9855	79.45556	107.7932	116.051	61.62234	116.7098	88.5073	143.5947	5
77	29.52756	-132.1158	-184.9621	-213.9996	-488.7007	-488.7007	136.96	-471.3693	193.9261	-166.7787	-444.9461	-479.609	146.0517	5
78		0	-57.60275	-80.64384	-95.69668	170.717	-325.572	179.0212	-299.987	-74.21111	190.5418	173.9334	-322.3556	6
78	14.76378	90.1289	126.1805	151.5618	95.2141	148.2247	81.64938	107.6213	117.2583	63.6236	116.6342	90.75304	143.7636	6
78	29.52756	-139.2844	-194.9982	-225.515	-486.5377	-486.5377	115.7716	-468.2959	175.7986	-175.768	-440.4391	-476.9226	125.3867	6
79		0	-49.73338	-69.62674	-83.05502	170.0209	-303.9904	177.3256	-281.7657	-64.34274	187.2722	172.6629	-301.3484	7
79	14.76378	90.96082	127.3451	152.8981	97.51897	148.1277	83.84862	107.1691	118.3015	65.65646	116.2652	92.99717	143.6059	7
79	29.52756	-145.4911	-203.6876	-235.4858	-481.2319	-481.2319	93.99294	-462.2018	156.6704	-183.5514	-433.1035	-471.1638	104.061	7
80		0	-42.96166	-60.14632	-72.17564	166.3717	-282.3682	172.816	-263.0354	-55.85019	181.4083	168.5198	-280.2202	8
80	14.76378	91.67541	128.3456	154.0461	99.8263	147.7169	86.06517	106.4532	119.1977	67.73009	115.6207	95.25235	143.143	8
80	29.52756	-150.8349	-211.1689	-244.0712	-472.9684	-472.9684	71.54632	-453.2592	136.506	-190.2533	-423.0923	-462.5106	82.00412	8
81		0	-37.17892	-52.05049	-62.88399	159.9499	-260.5976	165.659	-243.7348	-48.59723	173.0948	161.6765	-258.871	9
81	14.76378	92.28436	129.1981	155.0245	102.1479	147.0116	88.30936	105.4878	119.9614	69.85249	114.7162	97.52953	142.3932	9
81	29.52756	-155.401	-217.5614	-251.4082	-461.9041	-461.9041	48.36232	-441.6144	115.2723	-195.9804	-410.5342	-451.1136	59.15284	9

Geser Balok Portal Tepi arah-X (Kip)

Elemen	Station	VD	VL	VE	1.2VD+0.5VL	Lantai
73	0	-23.33156	-5.863582	18.86619	-30.929663	1
73	14.76378	-4.563386	-2.069931	18.86619	-6.5110287	1
73	29.52756	20.98188	5.201289	18.86619	27.7789005	1
74	0	-22.11719	-5.551389	20.57078	-29.3163225	2
74	14.76378	-3.349015	-1.757738	20.57078	-4.897687	2
74	29.52756	22.19625	5.513482	20.57078	29.392241	2
75	0	-21.3017	-5.344625	20.38662	-28.2343525	3
75	14.76378	-2.533524	-1.550974	20.38662	-3.8157158	3
75	29.52756	23.01174	5.720245	20.38662	30.4742105	3
76	0	-20.57458	-5.160023	19.92378	-27.2695075	4
76	14.76378	-1.806405	-1.366373	19.92378	-2.8508725	4
76	29.52756	23.73886	5.904847	19.92378	31.4390555	4
77	0	-19.94108	-4.999173	19.32326	-26.4288825	5
77	14.76378	-1.172908	-1.205522	19.32326	-2.0102506	5
77	29.52756	24.37235	6.065698	19.32326	32.279669	5
78	0	-19.39047	-4.859339	18.60298	-25.6982335	6
78	14.76378	-0.622299	-1.065689	18.60298	-1.27960282	6
78	29.52756	24.92296	6.205531	18.60298	33.0103175	6
79	0	-18.91391	-4.738278	17.76732	-25.065831	7
79	14.76378	-0.14574	-0.944627	17.76732	-0.64720129	7
79	29.52756	25.39952	6.326592	17.76732	33.64272	7
80	0	-18.50377	-4.634049	16.81959	-24.5215485	8
80	14.76378	0.264404	-0.840399	16.81959	-0.10291523	8
80	29.52756	25.80967	6.430821	16.81959	34.1870145	8
81	0	-18.15347	-4.544984	15.76251	-24.056656	9
81	14.76378	0.614702	-0.751334	15.76251	0.36197564	9
81	29.52756	26.15997	6.519886	15.76251	34.651907	9
82	0	-17.8574	-4.469656	14.59876	-23.663708	10
82	14.76378	0.910769	-0.676005	14.59876	0.75491999	10
82	29.52756	26.45603	6.595215	14.59876	35.0448435	10
83	0	-17.61083	-4.406856	13.33119	-23.336424	11
83	14.76378	1.157344	-0.613206	13.33119	1.0822099	11
83	29.52756	26.70261	6.658014	13.33119	35.372139	11
84	0	-17.4098	-4.355582	11.96236	-23.069551	12
84	14.76378	1.358376	-0.561931	11.96236	1.3490857	12
84	29.52756	26.90364	6.709289	11.96236	35.6390125	12
85	0	-17.25109	-4.315011	10.4947	-22.8588135	13
85	14.76378	1.517082	-0.52136	10.4947	1.55981835	13
85	29.52756	27.06235	6.749859	10.4947	35.8497495	13
86	0	-17.13216	-4.284492	8.930496	-22.700838	14
86	14.76378	1.636009	-0.490842	8.930496	1.7177898	14
86	29.52756	27.18127	6.780378	8.930496	36.007713	14
87	0	-17.05134	-4.263602	7.271824	-22.593409	15
87	14.76378	1.716831	-0.469951	7.271824	1.8252215	15
87	29.52756	27.26209	6.801269	7.271824	36.1151425	15
88	0	-17.00412	-4.251029	5.520411	-22.5304585	16
88	14.76378	1.76405	-0.457378	5.520411	1.88817085	16
88	29.52756	27.30931	6.813841	5.520411	36.1780925	16
89	0	-17.00669	-4.253552	3.662723	-22.534804	17
89	14.76378	1.761483	-0.459902	3.662723	1.8838288	17
89	29.52756	27.30675	6.811318	3.662723	36.173759	17
90	0	-3.888564	-1.06457	1.604757	-5.1985618	18
90	14.76378	2.304922	0.45289	1.604757	2.9923513	18
90	29.52756	13.02201	3.361243	1.604757	17.3070335	18

Geser Balok Portal Tepi Arah-X (Kip)

Elemen	Station	D+L	D+E	D-E	D+L+E	D+L-E	Lantai
73	0	-29.19514	-4.465371	-42.19775	-10.32895	-48.06133	1
73	14.76378	-6.633317	14.3028	-23.42957	12.23287	-25.49951	1
73	29.52756	26.18316	39.84806	2.115688	45.04935	7.316976	1
74	0	-27.66858	-1.546409	-42.68797	-7.097797	-48.23936	2
74	14.76378	-5.106753	17.22177	-23.91979	15.46403	-25.67753	2
74	29.52756	27.70973	42.76703	1.625469	48.28051	7.13895	2
75	0	-26.64632	-0.915079	-41.68832	-6.259704	-47.03294	3
75	14.76378	-4.084498	17.85309	-22.92014	16.30212	-24.47112	3
75	29.52756	28.73199	43.39836	2.625122	49.1186	8.345367	3
76	0	-25.7346	-0.650799	-40.49836	-5.810822	-45.65838	4
76	14.76378	-3.172777	18.11737	-21.73018	16.751	-23.09656	4
76	29.52756	29.64371	43.66264	3.81508	49.56748	9.719927	4
77	0	-24.94025	-0.617822	-39.26434	-5.616994	-44.26351	5
77	14.76378	-2.37843	18.15035	-20.49617	16.94483	-21.70169	5
77	29.52756	30.43805	43.69561	5.049095	49.76131	11.11479	5
78	0	-24.24981	-0.787488	-37.99345	-5.646827	-42.85279	6
78	14.76378	-1.687987	17.98068	-19.22528	16.915	-20.29097	6
78	29.52756	31.1285	43.52595	6.319981	49.73148	12.52551	6
79	0	-23.65219	-1.146595	-36.68123	-5.884873	-41.41951	7
79	14.76378	-1.090367	17.62158	-17.91306	16.67695	-18.85769	7
79	29.52756	31.72612	43.16684	7.632205	49.49343	13.9588	7
80	0	-23.13782	-1.684179	-35.32336	-6.318228	-39.95741	8
80	14.76378	-0.575996	17.08399	-16.55519	16.2436	-17.39559	8
80	29.52756	32.24049	42.62926	8.990076	49.06008	15.4209	8
81	0	-22.69846	-2.390965	-33.91598	-6.93595	-38.46096	9
81	14.76378	-0.136632	16.37721	-15.1478	15.62587	-15.89914	9
81	29.52756	32.67985	41.92247	10.39746	48.44236	16.91735	9
82	0	-22.32706	-3.25864	-32.45617	-7.728296	-36.92582	10
82	14.76378	0.234764	15.50953	-13.688	14.83353	-14.364	10
82	29.52756	33.05125	41.0548	11.85727	47.65001	18.45248	10
83	0	-22.01768	-4.27964	-30.94202	-8.686496	-35.34887	11
83	14.76378	0.544139	14.48853	-12.17384	13.87533	-12.78705	11
83	29.52756	33.36062	40.0338	13.37142	46.69181	20.02943	11
84	0	-21.76538	-5.447437	-29.37216	-9.803019	-33.72774	12
84	14.76378	0.796445	13.32074	-10.60398	12.75881	-11.16591	12
84	29.52756	33.61293	38.866	14.94128	45.57529	21.65057	12
85	0	-21.5661	-6.756389	-27.74579	-11.0714	-32.06081	13
85	14.76378	0.995722	12.01179	-8.977621	11.49043	-9.498981	13
85	29.52756	33.81221	37.55705	16.56764	44.30691	23.3175	13
86	0	-21.41666	-8.201669	-26.06266	-12.48616	-30.34715	14
86	14.76378	1.145167	10.5665	-7.294488	10.07566	-7.78533	14
86	29.52756	33.96165	36.11177	18.25078	42.89215	25.03115	14
87	0	-21.31494	-9.779517	-24.32317	-14.04312	-28.58677	15
87	14.76378	1.24688	8.988655	-5.554993	8.518703	-6.024944	15
87	29.52756	34.06336	34.53392	19.99027	41.33519	26.79154	15
88	0	-21.25515	-11.48371	-22.52453	-15.73474	-26.77556	16
88	14.76378	1.306671	7.284461	-3.756361	6.827082	-4.21374	16
88	29.52756	34.12315	32.82972	21.7889	39.64356	28.60274	16
89	0	-21.26024	-13.34397	-20.66941	-17.59752	-24.92297	17
89	14.76378	1.301581	5.424206	-1.90124	4.964304	-2.361142	17
89	29.52756	34.11806	30.96947	23.64402	37.78079	30.45534	17
90	0	-4.953135	-2.283808	-5.493321	-3.348378	-6.557891	18
90	14.76378	2.757812	3.909679	0.700165	4.362568	1.153055	18
90	29.52756	16.38326	14.62677	11.41726	17.98801	14.7785	18

Geser Balok Portal Tepi Arah-X (Kip)

Elemen	Station	D+L	D+E	D-E	D+L+E	D+L-E	Lantai
55	0	-26.1923	-2.117382	-39.86078	-7.320596	-45.064	1
55	14.76378	-3.630471	16.65079	-21.09261	15.24123	-22.50217	1
55	29.52756	29.18601	42.19606	4.452655	48.05771	10.31431	1
56	0	-27.71037	-1.605549	-42.78796	-7.119167	-48.30158	2
56	14.76378	-5.14855	17.16262	-24.01979	15.44266	-25.73976	2
56	29.52756	27.66793	42.70789	1.525473	48.25914	7.076726	2
57	0	-28.73143	-2.606339	-43.41626	-8.326469	-49.13639	3
57	14.76378	-6.169608	16.16183	-24.64809	14.23535	-26.57457	3
57	29.52756	26.64687	41.7071	0.897172	47.05184	6.241912	3
58	0	-29.64291	-3.799309	-43.67714	-9.703992	-49.58183	4
58	14.76378	-7.081085	14.96886	-24.90897	12.85783	-27.02	4
58	29.52756	25.7354	40.51413	0.636294	45.67431	5.796481	4
59	0	-30.43701	-5.036163	-43.70689	-11.10165	-49.77238	5
59	14.76378	-7.875187	13.73201	-24.93872	11.46018	-27.21055	5
59	29.52756	24.9413	39.27728	0.606544	44.27666	5.60593	5
60	0	-31.1272	-6.309556	-43.53432	-12.51482	-49.73959	6
60	14.76378	-8.565381	12.45862	-24.76614	10.047	-27.17776	6
60	29.52756	24.2511	38.00388	0.779118	42.86348	5.638721	6
61	0	-31.72456	-7.623988	-43.17258	-13.95026	-49.49886	7
61	14.76378	-9.162739	11.14419	-24.40441	8.611559	-26.93704	7
61	29.52756	23.65374	36.68945	1.140851	41.42804	5.879446	7
62	0	-32.23866	-8.983733	-42.63269	-15.41418	-49.06314	8
62	14.76378	-9.676838	9.784439	-23.86452	7.14764	-26.50132	8
62	29.52756	23.13964	35.3297	1.680747	39.96412	6.315167	8
63	0	-32.67774	-10.39271	-41.92385	-16.91217	-48.44331	9
63	14.76378	-10.11592	8.375458	-23.15568	5.649651	-25.88149	9
63	29.52756	22.70057	33.92072	2.389583	38.46613	6.934995	9
64	0	-33.04885	-11.85387	-41.05437	-18.4486	-47.6491	10
64	14.76378	-10.48703	6.914301	-22.2862	4.113223	-25.08728	10
64	29.52756	22.32946	32.45956	3.259066	36.92971	7.729207	10
65	0	-33.35794	-13.36912	-40.03181	-20.02659	-46.68929	11
65	14.76378	-10.79611	5.399058	-21.26364	2.535239	-24.12746	11
65	29.52756	22.02037	30.94432	4.281621	35.35172	8.689022	11
66	0	-33.60995	-14.93985	-38.86268	-21.64853	-45.57137	12
66	14.76378	-11.04813	3.828327	-20.09451	0.913292	-23.00955	12
66	29.52756	21.76836	29.37359	5.450752	33.72977	9.806937	12
67	0	-33.80894	-16.56688	-37.5526	-23.31608	-44.3018	13
67	14.76378	-11.24712	2.20129	-18.78443	-0.754257	-21.73997	13
67	29.52756	21.56937	27.74655	6.760838	32.06223	11.07651	13
68	0	-33.9581	-18.25052	-36.10636	-25.03018	-42.88602	14
68	14.76378	-11.39628	0.517649	-17.33819	-2.46836	-20.3242	14
68	29.52756	21.4202	26.06291	8.207075	30.34812	12.49229	14
69	0	-34.05954	-19.99031	-34.52779	-26.79081	-41.32828	15
69	14.76378	-11.49772	-1.222139	-15.75961	-4.228982	-18.76646	15
69	29.52756	21.31876	24.32313	9.78565	28.5875	14.05003	15
70	0	-34.11906	-21.79082	-32.82127	-28.60383	-39.63428	16
70	14.76378	-11.55723	-3.022645	-14.0531	-6.042006	-17.07246	16
70	29.52756	21.25925	22.52262	11.49216	26.77448	15.74402	16
71	0	-34.11387	-23.62797	-30.97883	-30.43844	-37.7893	17
71	14.76378	-11.55204	-4.859799	-12.21065	-7.876616	-15.22747	17
71	29.52756	21.26444	20.68546	13.33461	24.93987	17.58901	17
72	0	-16.37683	-11.38885	-14.64494	-14.74879	-18.00488	18
72	14.76378	-8.665888	-5.195364	-8.451449	-7.037845	-10.29393	18
72	29.52756	4.959557	5.521727	2.265641	6.587599	3.331514	18

GESER BALOK PORTAL TEPI-X (Kip)

Elemen	Station	VD	VL	VE	1.2VD+0.5VL	Lantai
55	0	-20.98908	-5.203213	18.8717	-27.7885025	1
55	14.76378	-2.220908	-1.409563	18.8717	-3.3698711	1
55	29.52756	23.32435	5.861657	18.8717	30.9200485	1
56	0	-22.19676	-5.513618	20.59121	-29.392921	2
56	14.76378	-3.428583	-1.719967	20.59121	-4.9742831	2
56	29.52756	22.11668	5.551252	20.59121	29.315642	2
57	0	-23.0113	-5.72013	20.40496	-30.473625	3
57	14.76378	-4.243129	-1.92648	20.40496	-6.0549948	3
57	29.52756	21.30213	5.34474	20.40496	28.234926	3
58	0	-23.73823	-5.904683	19.93892	-31.4382175	4
58	14.76378	-4.970053	-2.111033	19.93892	-7.0195801	4
58	29.52756	20.57521	5.160187	19.93892	27.2703455	4
59	0	-24.37153	-6.065485	19.33537	-32.2785785	5
59	14.76378	-5.603354	-2.271834	19.33537	-7.8599418	5
59	29.52756	19.94191	4.999386	19.33537	26.429985	5
60	0	-24.92194	-6.205268	18.61238	-33.008962	6
60	14.76378	-6.153763	-2.411617	18.61238	-8.5903241	6
60	29.52756	19.3915	4.859602	18.61238	25.699601	6
61	0	-25.39829	-6.326276	17.7743	-33.641086	7
61	14.76378	-6.630113	-2.532626	17.7743	-9.2224486	7
61	29.52756	18.91515	4.738594	17.7743	25.067477	7
62	0	-25.80821	-6.43045	16.82448	-34.185077	8
62	14.76378	-7.040038	-2.636799	16.82448	-9.7664451	8
62	29.52756	18.50522	4.63442	16.82448	24.523474	8
63	0	-26.15829	-6.519458	15.76557	-34.649677	9
63	14.76378	-7.390111	-2.725807	15.76557	-10.2310367	9
63	29.52756	18.15515	4.545413	15.76557	24.0588865	9
64	0	-26.45412	-6.594729	14.60025	-35.0423085	10
64	14.76378	-7.685948	-2.801079	14.60025	-10.6236771	10
64	29.52756	17.85932	4.470141	14.60025	23.6662545	10
65	0	-26.70047	-6.65747	13.33135	-35.369299	11
65	14.76378	-7.932292	-2.863819	13.33135	-10.9506599	11
65	29.52756	17.61297	4.407401	13.33135	23.3392645	11
66	0	-26.90126	-6.708685	11.96142	-35.6358545	12
66	14.76378	-8.133092	-2.915035	11.96142	-11.2172279	12
66	29.52756	17.41217	4.356185	11.96142	23.0726965	12
67	0	-27.05974	-6.749198	10.49286	-35.846287	13
67	14.76378	-8.291568	-2.955547	10.49286	-11.4276551	13
67	29.52756	17.2537	4.315672	10.49286	22.862276	13
68	0	-27.17844	-6.779659	8.927917	-36.0039575	14
68	14.76378	-8.410269	-2.986008	8.927917	-11.5853268	14
68	29.52756	17.13499	4.285211	8.927917	22.7045935	14
69	0	-27.25905	-6.800494	7.268737	-36.111107	15
69	14.76378	-8.490876	-3.006844	7.268737	-11.6924732	15
69	29.52756	17.05439	4.264376	7.268737	22.597456	15
70	0	-27.30605	-6.813012	5.515229	-36.173766	16
70	14.76378	-8.537873	-3.019361	5.515229	-11.7551281	16
70	29.52756	17.00739	4.251859	5.515229	22.5347975	16
71	0	-27.3034	-6.810468	3.675428	-36.169314	17
71	14.76378	-8.535227	-3.016818	3.675428	-11.7506814	17
71	29.52756	17.01004	4.254402	3.675428	22.539249	17
72	0	-13.01689	-3.359941	1.628043	-17.3002385	18
72	14.76378	-6.823407	-1.84248	1.628043	-9.1093284	18
72	29.52756	3.893684	1.065873	1.628043	5.2053573	18

Lampiran 1 (Rp)

	1.4D	1.2D+1.6L	1.2D+0.5L+E	1.2D+0.5L+E	0.9D+E	D+L	D+E	D+L+E	D+L+E	D+L+E	Lantai		
55	0	3.673178	5.142448	7.005731	7.005731	1.93802	4.644897	5.785235	1.56112	6.758655	2.53284	1	
55	14.76378	3.673178	5.142448	7.005731	7.005731	1.93802	4.644897	5.785235	1.56112	6.758655	2.53284	1	
55	29.52756	3.673178	5.142448	7.005731	7.005731	1.93802	4.644897	5.785235	1.56112	6.758655	2.53284	1	
56	0	0.644398	0.9021571	1.029326	1.029326	0.2301207	1.478464	1.50106	0.20313	0.804428	0.21226	2	
56	14.76378	0.644398	0.9021571	1.029326	1.029326	0.2301207	1.478464	1.50106	0.20313	0.804428	0.21226	2	
56	29.52756	0.644398	0.9021571	1.029326	1.029326	0.2301207	1.478464	1.50106	0.20313	0.804428	0.21226	2	
57	0	0.782492	1.065489	1.257111	1.257111	0.1071034	1.969702	0.007691	1.635542	0.981317	-0.14881	3	
57	14.76378	0.782492	1.065489	1.257111	1.257111	0.1071034	1.969702	0.007691	1.635542	0.981317	-0.14881	3	
57	29.52756	0.782492	1.065489	1.257111	1.257111	0.1071034	1.969702	0.007691	1.635542	0.981317	-0.14881	3	
58	0	0.872284	0.9411973	1.079632	-0.4170318	2.201195	-0.50237	1.914169	0.842966	-0.63683	1.981397	-0.46615	4
58	14.76378	0.872284	0.9411973	1.079632	-0.4170318	2.201195	-0.50237	1.914169	0.842966	-0.63683	1.981397	-0.46615	4
58	29.52756	0.872284	0.9411973	1.079632	-0.4170318	2.201195	-0.50237	1.914169	0.842966	-0.63683	1.981397	-0.46615	4
59	0	0.585684	0.819958	0.940784	-0.884662	2.439031	-0.95903	2.188962	0.734411	-1.07616	2.247531	-0.92744	5
59	14.76378	0.585684	0.819958	0.940784	-0.884662	2.439031	-0.95903	2.188962	0.734411	-1.07616	2.247531	-0.92744	5
59	29.52756	0.585684	0.819958	0.940784	-0.884662	2.439031	-0.95903	2.188962	0.734411	-1.07616	2.247531	-0.92744	5
60	0	0.508191	0.7114671	0.8163574	-1.3447	2.693439	-1.40924	2.476441	0.637271	-1.51088	2.52726	-1.3818	6
60	14.76378	0.508191	0.7114671	0.8163574	-1.3447	2.693439	-1.40924	2.476441	0.637271	-1.51088	2.52726	-1.3818	6
60	29.52756	0.508191	0.7114671	0.8163574	-1.3447	2.693439	-1.40924	2.476441	0.637271	-1.51088	2.52726	-1.3818	6
61	0	0.438803	0.6143246	0.7049505	-1.794155	2.958775	-1.8499	2.771388	0.550295	-1.93766	2.815268	-1.82617	7
61	14.76378	0.438803	0.6143246	0.7049505	-1.794155	2.958775	-1.8499	2.771388	0.550295	-1.93766	2.815268	-1.82617	7
61	29.52756	0.438803	0.6143246	0.7049505	-1.794155	2.958775	-1.8499	2.771388	0.550295	-1.93766	2.815268	-1.82617	7
62	0	0.376433	0.5270061	0.6048173	-2.235821	3.234946	-2.28366	3.074173	0.472119	-2.35895	3.111817	-2.26327	8
62	14.76378	0.376433	0.5270061	0.6048173	-2.235821	3.234946	-2.28366	3.074173	0.472119	-2.35895	3.111817	-2.26327	8
62	29.52756	0.376433	0.5270061	0.6048173	-2.235821	3.234946	-2.28366	3.074173	0.472119	-2.35895	3.111817	-2.26327	8
63	0	0.320077	0.4481075	0.5143473	-2.672402	3.521996	-2.71311	3.385288	0.401486	-2.77112	3.417276	-2.69571	9
63	14.76378	0.320077	0.4481075	0.5143473	-2.672402	3.521996	-2.71311	3.385288	0.401486	-2.77112	3.417276	-2.69571	9
63	29.52756	0.320077	0.4481075	0.5143473	-2.672402	3.521996	-2.71311	3.385288	0.401486	-2.77112	3.417276	-2.69571	9
64	0	0.268832	0.3763644	0.4320903	-3.101934	3.815563	-3.13615	3.700697	0.337264	-3.18992	3.72758	-3.1248	10
64	14.76378	0.268832	0.3763644	0.4320903	-3.101934	3.815563	-3.13615	3.700697	0.337264	-3.18992	3.72758	-3.1248	10
64	29.52756	0.268832	0.3763644	0.4320903	-3.101934	3.815563	-3.13615	3.700697	0.337264	-3.18992	3.72758	-3.1248	10
65	0	0.221876	0.3106266	0.356728	-3.526085	4.115136	-3.55436	4.020299	0.278424	-3.59874	4.042487	-3.54219	11
65	14.76378	0.221876	0.3106266	0.356728	-3.526085	4.115136	-3.55436	4.020299	0.278424	-3.59874	4.042487	-3.54219	11
65	29.52756	0.221876	0.3106266	0.356728	-3.526085	4.115136	-3.55436	4.020299	0.278424	-3.59874	4.042487	-3.54219	11
66	0	0.178457	0.2498402	0.2870517	-3.945554	4.419415	-3.96834	4.343086	0.224022	-4.00403	4.360942	-3.95846	12
66	14.76378	0.178457	0.2498402	0.2870517	-3.945554	4.419415	-3.96834	4.343086	0.224022	-4.00403	4.360942	-3.95846	12
66	29.52756	0.178457	0.2498402	0.2870517	-3.945554	4.419415	-3.96834	4.343086	0.224022	-4.00403	4.360942	-3.95846	12
67	0	0.137873	0.1930226	0.2219357	-4.360877	4.727077	-4.37853	4.688063	0.173178	-4.4061	4.68185	-4.3708	13
67	14.76378	0.137873	0.1930226	0.2219357	-4.360877	4.727077	-4.37853	4.688063	0.173178	-4.4061	4.68185	-4.3708	13
67	29.52756	0.137873	0.1930226	0.2219357	-4.360877	4.727077	-4.37853	4.688063	0.173178	-4.4061	4.68185	-4.3708	13
68	0	0.096653	0.1395147	0.160629	-4.772377	5.037199	-4.7852	4.994476	0.125307	-4.80514	5.004442	-4.77948	14
68	14.76378	0.096653	0.1395147	0.160629	-4.772377	5.037199	-4.7852	4.994476	0.125307	-4.80514	5.004442	-4.77948	14
68	29.52756	0.096653	0.1395147	0.160629	-4.772377	5.037199	-4.7852	4.994476	0.125307	-4.80514	5.004442	-4.77948	14
69	0	0.060018	0.0940222	0.0968582	-5.184695	5.344258	-5.19246	5.318491	0.07554	-5.20446	5.324492	-5.18894	15
69	14.76378	0.060018	0.0940222	0.0968582	-5.184695	5.344258	-5.19246	5.318491	0.07554	-5.20446	5.324492	-5.18894	15
69	29.52756	0.060018	0.0940222	0.0968582	-5.184695	5.344258	-5.19246	5.318491	0.07554	-5.20446	5.324492	-5.18894	15
70	0	0.047921	0.0670896	0.0812037	-5.55127	5.684949	-5.56253	5.663167	0.062733	-5.57212	5.667959	-5.55731	16
70	14.76378	0.047921	0.0670896	0.0812037	-5.55127	5.684949	-5.56253	5.663167	0.062733	-5.57212	5.667959	-5.55731	16
70	29.52756	0.047921	0.0670896	0.0812037	-5.55127	5.684949	-5.56253	5.663167	0.062733	-5.57212	5.667959	-5.55731	16
71	0	0.243504	0.340905	0.3559554	-5.658134	6.282387	-5.67806	6.189414	0.283348	-5.72676	6.213764	-5.68691	17
71	14.76378	0.243504	0.340905	0.3559554	-5.658134	6.282387	-5.67806	6.189414	0.283348	-5.72676	6.213764	-5.68691	17
71	29.52756	0.243504	0.340905	0.3559554	-5.658134	6.282387	-5.67806	6.189414	0.283348	-5.72676	6.213764	-5.68691	17
72	0	-13.2563	-18.55876	-21.40138	-26.53368	-8.715	-24.8169	-3.02129	-16.6899	-22.1656	-4.34691	-25.5993	18
72	14.76378	-13.2563	-18.55876	-21.40138	-26.53368	-8.715	-24.8169	-3.02129	-16.6899	-22.1656	-4.34691	-25.5993	18
72	29.52756	-13.2563	-18.55876	-21.40138	-26.53368	-8.715	-24.8169	-3.02129	-16.6899	-22.1656	-4.34691	-25.5993	18

Momen Kolom Portal Tepi Arah-X (k.ft)

Elemen	Station	1.4D	1.2D+1.6L	1.2D+0.5L+E	1.2D+0.5L-E	0.9D+E	0.9D-E	Lantai
1	0	-22.6051	-26.2547	213.613	-256.6638	215.7626	-249.67	1
1	6.56168	14.51823	16.86397	66.16755	-38.5168	64.78637	-43.009	1
1	13.12336	50.88085	59.09903	-84.74463	181.6482	-89.5843	165.9055	1
2	0	-70.1095	-81.3925	109.0392	-242.5387	115.6951	-220.859	2
2	6.56168	0.331454	0.355707	6.598053	-5.985095	6.575677	-6.0785	2
2	13.12336	70.75552	82.08575	-96.18017	230.8742	-102.88	209.0129	2
3	0	-74.7823	-86.6911	98.79244	-241.1106	105.8524	-218.026	3
3	6.56168	1.63457	1.876754	4.014053	-0.9146249	3.865399	-1.41354	3
3	13.12336	77.97002	90.35114	-90.96423	239.3269	-98.3141	215.2691	3
4	0	-82.2481	-95.2598	87.12771	-243.6004	94.86565	-218.238	4
4	6.56168	1.346951	1.545245	2.707961	-0.154704	2.585862	-0.56544	4
4	13.12336	84.87694	98.27562	-81.84264	243.2984	-89.8189	217.1343	4
5	0	-88.5902	-102.536	76.086	-244.5809	84.39896	-217.284	5
5	6.56168	1.175846	1.349044	1.930779	0.2981914	1.824162	-0.06039	5
5	13.12336	90.88708	105.1711	-72.31448	245.1634	-80.8357	217.1663	5
6	0	-94.1211	-108.882	64.87947	-243.8591	73.69402	-214.876	6
6	6.56168	1.02087	1.171297	1.209334	0.7258952	1.116751	0.414554	6
6	13.12336	96.11722	111.172	-62.51488	245.2784	-71.5105	215.6863	6
7	0	-98.9243	-114.393	53.43859	-241.5235	62.68883	-211.075	7
7	6.56168	0.882362	1.012445	0.5258316	1.146873	0.44579	0.877754	7
7	13.12336	100.6514	116.3748	-52.40931	243.7684	-61.8162	212.7933	7
8	0	-103.076	-119.157	41.71822	-237.6741	51.34519	-205.959	8
8	6.56168	0.758184	0.870036	-0.1232879	1.560635	-0.19209	1.329365	8
8	13.12336	104.562	120.8623	-41.95984	240.7326	-51.7216	208.5647	8
9	0	-106.643	-123.251	29.67945	-232.3978	39.63021	-199.595	9
9	6.56168	0.646331	0.741771	-0.7401541	1.965508	-0.79883	1.768329	9
9	13.12336	107.9115	124.7065	-31.13193	236.2549	-41.1978	203.0651	9
10	0	-109.682	-126.739	17.28657	-225.7671	27.51337	-192.037	10
10	6.56168	0.545014	0.625598	-1.324749	2.358085	-1.37426	2.191783	10
10	13.12336	110.7534	127.9686	-19.89002	230.4012	-30.2141	196.3443	10
11	0	-112.242	-129.678	4.522122	-217.8563	14.9816	-183.345	11
11	6.56168	0.452613	0.519659	-1.876641	2.734864	-1.9178	2.596718	11
11	13.12336	113.1331	130.7008	-8.215983	223.2395	-18.7565	188.4561	11
12	0	-114.364	-132.114	-8.631199	-208.7258	2.02132	-173.567	12
12	6.56168	0.367651	0.422263	-2.396557	3.093774	-2.43004	2.981512	12
12	13.12336	115.0885	132.9466	3.90597	214.8257	-6.81256	179.4454	12
13	0	-116.08	-134.086	-22.18427	-198.4287	-11.3753	-162.745	13
13	6.56168	0.288771	0.331851	-2.884694	3.432438	-2.91105	3.344204	13
3	13.12336	116.6508	134.7418	16.48618	205.2088	5.625123	169.3511	13
4	0	-117.42	-135.626	-36.14308	-187.011	-25.2117	-150.918	14
4	6.56168	0.214665	0.246927	-3.341236	3.748563	-3.3609	3.682899	14
4	13.12336	117.8447	136.1148	29.53024	194.43	18.5599	158.2072	14
5	0	-118.404	-136.758	-50.50935	-174.5118	-39.4876	-138.118	15
5	6.56168	0.14541	0.167613	-3.765473	4.041607	-3.7789	3.997018	15
5	13.12336	118.6921	137.0908	43.04122	182.5276	31.99286	146.0452	15
	0	-119.038	-137.491	-65.27323	-160.9536	-54.1928	-124.365	16
	6.56168	0.061335	0.070288	-4.176741	4.292959	-4.18228	4.27428	16
	13.12336	119.1603	137.6302	56.97086	169.4869	45.87936	132.8611	16
	0	-119.468	-137.995	-80.58182	-146.4668	-69.4587	-109.743	17
	6.56168	0.072117	0.098677	-4.471323	4.617991	-4.48284	4.591018	17
	13.12336	119.6117	138.1918	71.67268	155.6681	60.5266	118.891	17
	0	-118.869	-137.199	-95.54858	-130.2957	-84.5139	-93.7891	18
	6.56168	2.906442	3.228675	-2.037202	7.480574	-2.26765	6.627315	18
	13.12336	124.6744	143.6479	91.47916	145.2385	79.98414	107.0275	18

Momen Kolom Portal Tepi Arah-X (K.ft)

Elemen	Station	D+L	D+E	D-E	D+L+E	D+L-E	Lantai
1	0	-20.44577	218.9919	-251.2849	214.6926	-255.5842	1
1	6.56168	13.13252	62.71233	-41.97201	65.47469	-39.20965	1
1	13.12336	46.02276	-96.85297	169.5399	-87.17368	179.2192	1
2	0	-63.38988	125.7107	-225.8672	112.3991	-239.1788	2
2	6.56168	0.281505	6.528327	-6.054821	6.573079	-6.010069	2
2	13.12336	63.9385	-112.9875	214.0668	-99.58868	227.4657	2
3	0	-67.5359	116.5356	-223.3674	102.4156	-237.4874	3
3	6.56168	1.464859	3.631889	-1.296789	3.929198	-0.99948	3
3	13.12336	70.39268	-109.4527	220.8384	-94.75289	235.5383	3
4	0	-74.22454	106.6154	-224.1127	91.1395	-239.5886	4
4	6.56168	1.206305	2.39344	-0.469224	2.637638	-0.225027	4
4	13.12336	76.57886	-101.9442	223.1969	-85.99168	239.1494	4
5	0	-79.90466	97.05471	-223.6122	80.42879	-240.2381	5
5	6.56168	1.053125	1.656184	0.023596	1.869419	0.236831	5
5	13.12336	81.9618	-93.81958	223.6583	-76.77712	240.7007	5
6	0	-84.85847	87.13989	-221.5986	69.5108	-239.2278	6
6	6.56168	0.914359	0.970912	0.487474	1.156078	0.67264	6
6	13.12336	86.64631	-85.24149	222.5518	-67.25034	240.543	6
7	0	-89.16065	76.82086	-218.1412	58.32038	-236.6417	7
7	6.56168	0.790343	0.319738	0.940779	0.479822	1.100864	7
7	13.12336	90.7077	-76.195	219.9827	-57.38117	238.7966	7
8	0	-92.87974	66.07035	-213.322	46.81642	-232.5759	8
8	6.56168	0.679163	-0.300401	1.383521	-0.162799	1.521124	8
8	13.12336	94.21075	-66.65907	216.0334	-47.13547	235.557	8
9	0	-96.0752	54.86495	-207.2123	34.96343	-227.1138	9
9	6.56168	0.579023	-0.891166	1.814496	-0.773808	1.931854	9
9	13.12336	97.21148	-56.61377	210.7731	-36.48195	230.9049	9
10	0	-98.79813	43.18228	-199.8714	22.72869	-220.3249	10
10	6.56168	0.488322	-1.452122	2.230712	-1.353095	2.329739	10
10	13.12336	99.7578	-46.03604	204.2552	-25.38784	224.9034	10
11	0	-101.092	31.0162	-191.3623	10.09725	-212.2812	11
11	6.56168	0.405611	-1.982458	2.629048	-1.900142	2.711364	11
11	13.12336	101.8904	-34.91835	196.5371	-13.83737	217.6181	11
12	0	-102.9934	18.35898	-181.7356	-2.946055	-203.0406	12
12	6.56168	0.329566	-2.482558	3.007773	-2.415599	3.074731	12
12	13.12336	103.6432	-23.25378	187.666	-1.81672	209.103	12
13	0	-104.5326	5.207643	-171.0368	-16.41036	-192.6548	13
13	6.56168	0.258973	-2.952301	3.364831	-2.899593	3.417539	13
13	13.12336	105.0441	-11.03928	177.6833	10.68283	199.4054	13
14	0	-105.7342	-8.437403	-159.3053	-30.30022	-181.1681	14
14	6.56168	0.192662	-3.391568	3.698232	-3.352237	3.737562	14
14	13.12336	106.1155	1.724942	166.6247	23.6656	188.5654	14
15	0	-106.6175	-22.57281	-146.5753	-44.61627	-168.6187	15
15	6.56168	0.130724	-3.799675	4.007404	-3.772816	4.034264	15
15	13.12336	106.8768	15.03685	154.5232	37.13357	176.62	15
16	0	-107.1884	-37.18726	-132.8676	-59.34824	-155.0285	16
16	6.56168	0.054883	-4.191039	4.278661	-4.179967	4.289732	16
16	13.12336	107.2975	28.85646	141.3725	51.03946	163.5555	16
17	0	-107.5806	-52.39183	-118.2768	-74.63808	-140.523	17
17	6.56168	0.074551	-4.493145	4.596169	-4.470106	4.619208	17
17	13.12336	107.7291	43.43921	127.4347	65.73138	149.7268	17
18	0	-106.9756	-67.53265	-102.2798	-89.60203	-124.3491	18
18	6.56168	2.53693	-2.682858	6.834918	-2.221958	7.295817	18
18	13.12336	112.0432	62.1735	115.9328	85.16355	138.9229	18

Momen Kolom Portal Tepi Arah-X (K.ft)

Elemen	Station	D+L	D+E	D-E	D+L+E	D+L-E	Lantai
19	0	0.010026	267.471	-267.455	267.473	-267.453	1
19	6.56168	0.011637	29.79225	-29.77386	29.79469	-29.77142	1
19	13.12336	0.01173	-211.771	211.7894	-211.7684	211.7919	1
20	0	-0.014549	284.7337	-284.7566	284.7306	-284.7597	2
20	6.56168	-0.004323	7.020786	-7.027586	7.019864	-7.028509	2
20	13.12336	0.006428	-271.5433	271.5534	-271.542	271.5548	2
21	0	0.03503	277.374	-277.3186	277.3813	-277.3113	3
21	6.56168	0.003287	2.66022	-2.655021	2.660908	-2.654334	3
21	13.12336	-0.028826	-272.3529	272.3074	-272.359	272.3013	3
22	0	0.02591	271.554	-271.5129	271.5594	-271.5075	4
22	6.56168	-0.000317	1.99359	-1.994078	1.993517	-1.994151	4
22	13.12336	-0.026511	-267.7743	267.7324	-267.7799	267.7268	4
23	0	0.025824	263.8429	-263.802	263.8483	-263.7966	5
23	6.56168	-0.000223	1.492423	-1.492767	1.492372	-1.492818	5
23	13.12336	-0.026248	-261.0012	260.9597	-261.0067	260.9542	5
24	0	0.024072	254.5787	-254.5406	254.5837	-254.5356	6
24	6.56168	-0.000441	1.04138	-1.042072	1.041285	-1.042167	6
24	13.12336	-0.024915	-252.5876	252.5482	-252.5928	252.543	6
25	0	0.022107	243.7614	-243.7264	243.766	-243.7218	7
25	6.56168	-0.000562	0.60753	-0.608415	0.60741	-0.608535	7
25	13.12336	-0.023187	-242.5952	242.5584	-242.6	242.5536	7
26	0	0.019912	231.4427	-231.4112	231.4469	-231.407	8
26	6.56168	-0.000648	0.191646	-0.192669	0.19151	-0.192805	8
26	13.12336	-0.02116	-231.0734	231.0399	-231.0778	231.0355	8
27	0	0.017612	217.6631	-217.6352	217.6667	-217.6315	9
27	6.56168	-0.000697	-0.205779	0.204676	-0.205925	0.20453	9
27	13.12336	-0.018961	-218.0612	218.0311	-218.0651	218.0272	9
28	0	0.015298	202.4556	-202.4314	202.4588	-202.4282	10
28	6.56168	-0.000717	-0.583322	0.582188	-0.583471	0.582038	10
28	13.12336	-0.01669	-203.5885	203.562	-203.5919	203.5585	10
29	0	0.01305	185.8627	-185.8419	185.8653	-185.8392	11
29	6.56168	-0.00071	-0.939431	0.938307	-0.939579	0.938159	11
29	13.12336	-0.014434	-187.6938	187.6709	-187.6968	187.6679	11
30	0	0.010935	167.9209	-167.9035	167.9232	-167.9013	12
30	6.56168	-0.000681	-1.273059	1.271981	-1.273201	1.27184	12
30	13.12336	-0.012267	-170.4114	170.392	-170.414	170.3895	12
31	0	0.00901	148.6649	-148.6506	148.6667	-148.6487	13
31	6.56168	-0.000632	-1.583103	1.582102	-1.583235	1.58197	13
31	13.12336	-0.010251	-151.7732	151.7569	-151.7753	151.7548	13
32	0	0.007322	128.1274	-128.1158	128.1289	-128.1142	14
32	6.56168	-0.000568	-1.868539	1.867638	-1.868657	1.86752	14
32	13.12336	-0.008442	-131.8092	131.7958	-131.8109	131.794	14
33	0	0.005904	106.3383	-106.3289	106.3395	-106.3277	15
33	6.56168	-0.000486	-2.127826	2.127055	-2.127927	2.126955	15
33	13.12336	-0.006865	-110.5458	110.535	-110.5473	110.5335	15
34	0	0.004826	83.32977	-83.32212	83.33077	-83.32112	16
34	6.56168	-0.000425	-2.366654	2.36598	-2.366743	2.365892	16
34	13.12336	-0.00567	-88.0261	88.01711	-88.02728	88.01593	16
35	0	0.003867	59.05733	-59.0512	59.05813	-59.0504	17
35	6.56168	-0.000128	-2.54367	2.543469	-2.543697	2.543442	17
35	13.12336	-0.004121	-64.12264	64.1161	-64.1235	64.11525	17
36	0	0.004596	33.7934	-33.78609	33.79434	-33.78515	18
36	6.56168	-0.001499	-3.336957	3.33457	-3.337263	3.334264	18
36	13.12336	-0.007592	-40.46172	40.44965	-40.46328	40.44809	18

Momen Kolom Portal Tepi Arah-X (K.ft)

Elemen	Station	D+L	D+E	D-E	D+L+E	D+L-E	Lantai
37	0	20.78019	249.1994	-216.3783	253.5691	-212.0087	1
37	6.56168	-13.35968	42.44581	-63.54478	39.63562	-66.35497	1
37	13.12336	-45.77691	-169.7809	97.48235	-179.4085	87.85472	1
38	0	63.4187	225.3088	-125.1063	238.6262	-111.7888	2
38	6.56168	-0.244589	6.086701	-6.502393	6.049958	-6.539136	2
38	13.12336	-63.87808	-213.8771	112.8938	-227.2635	99.50733	2
39	0	67.54491	223.0845	-116.2381	237.2062	-102.1164	3
39	6.56168	-1.482064	1.310665	-3.67318	1.009858	-3.973987	3
39	13.12336	-70.33974	-220.6129	109.3113	-235.3018	94.62238	3
40	0	74.23112	223.9037	-106.3956	239.3808	-90.91853	4
40	6.56168	-1.216402	0.482235	-2.422588	0.23601	-2.668813	4
40	13.12336	-76.53442	-222.9905	101.8084	-238.9339	85.86506	4
41	0	79.90548	223.4469	-96.88793	240.0729	-80.26194	5
41	6.56168	-1.060869	-0.014877	-1.677276	-0.22967	-1.892068	5
41	13.12336	-81.92259	-223.4752	93.69879	-240.5096	76.6644	5
42	0	84.85609	221.4709	-87.01578	239.0994	-69.38725	6
42	6.56168	-0.919651	-0.482205	-0.984642	-0.668432	-1.170869	6
42	13.12336	-86.61196	-222.3916	85.13583	-240.3757	67.15173	6
43	0	89.156	218.0475	-76.7344	236.5469	-58.23494	7
43	6.56168	-0.793724	-0.938219	-0.327711	-1.098978	-0.48847	7
43	13.12336	-90.67773	-219.8462	76.10611	-238.6539	57.29844	7
44	0	92.8737	213.2573	-66.01521	232.51	-46.76257	8
44	6.56168	-0.681044	-1.383175	0.297036	-1.52115	0.159062	8
44	13.12336	-94.18478	-215.9201	66.58703	-235.4383	47.06877	8
45	0	96.06847	207.1722	-54.83545	227.0723	-34.93535	9
45	6.56168	-0.579761	-1.815597	0.891072	-1.933096	0.773573	9
45	13.12336	-97.18913	-210.6817	56.55787	-230.8089	36.43064	9
46	0	98.79124	199.8525	-43.17434	220.3047	-22.7222	10
46	6.56168	-0.48822	-2.23269	1.454246	-2.331689	1.355248	10
46	13.12336	-99.73875	-204.1856	45.99666	-224.8299	25.35238	10
47	0	101.0853	191.3603	-31.02483	212.2779	-10.10727	11
47	6.56168	-0.404924	-2.631525	1.986017	-2.713695	1.903847	11
47	13.12336	-101.8743	-196.4876	34.89442	-217.5653	13.81675	11
48	0	102.9872	181.7471	-18.38029	203.0509	2.923465	12
48	6.56168	-0.328509	-3.010318	2.486775	-3.077055	2.420037	12
48	13.12336	-103.6297	-187.6352	23.24432	-209.0695	1.810031	12
49	0	104.5271	171.0586	-5.238175	192.6754	16.37868	13
49	6.56168	-0.257727	-3.367155	2.956601	-3.419605	2.904151	13
49	13.12336	-105.0331	-177.6695	11.04302	-199.3893	-10.67681	13
50	0	105.7293	159.3345	8.400489	181.1963	30.2623	14
50	6.56168	-0.191375	-3.700134	3.395512	-3.739198	3.356448	14
50	13.12336	-106.1064	-166.6258	-1.709461	-188.5646	-23.64825	14
51	0	106.6133	146.6097	22.5317	168.6523	44.57428	15
51	6.56168	-0.129526	-4.009137	3.80331	-4.035749	3.776698	15
51	13.12336	-106.8695	-154.538	-15.01048	-176.6332	-37.1057	15
52	0	107.1847	132.9031	37.14586	155.0633	59.30608	16
52	6.56168	-0.053811	-4.273086	4.187166	-4.283937	4.176316	16
52	13.12336	-107.2915	-141.3822	-28.83725	-163.564	-51.019	16
53	0	107.5773	118.3632	52.30027	140.6088	74.54585	17
53	6.56168	-0.074078	-4.669594	4.567327	-4.692539	4.544383	17
53	13.12336	-107.7248	-127.6595	-43.20758	-149.9508	-65.49885	17
54	0	106.9713	101.792	68.01363	123.8605	90.08212	18
54	6.56168	-2.534875	-6.867082	2.71828	-7.327556	2.257805	18
54	13.12336	-112.0335	-115.5057	-62.58515	-138.4938	-85.57322	18

P aksial kolom eksterior portal tepi arah-X (Kip)

Elemen	Station	D+L	D+E	D-E	D+L+E	D+L-E	Lantai
37	0	-574.857	-709.089	-218.288	-820.258	-329.457	1
37	6.56168	-574.36	-708.592	-217.791	-819.761	-328.9601	1
37	13.12336	-573.863	-708.095	-217.294	-819.264	-328.4631	1
38	0	-547.68	-668.247	-215.179	-774.214	-321.1462	2
38	6.56168	-547.183	-667.75	-214.682	-773.717	-320.6493	2
38	13.12336	-546.686	-667.253	-214.185	-773.221	-320.1523	2
39	0	-518.977	-624.486	-212.559	-724.94	-313.0134	3
39	6.56168	-518.48	-623.989	-212.062	-724.443	-312.5164	3
39	13.12336	-517.983	-623.492	-211.566	-723.946	-312.0196	3
40	0	-489.251	-580.094	-208.94	-674.828	-303.6742	4
40	6.56168	-488.754	-579.597	-208.444	-674.331	-303.1772	4
40	13.12336	-488.257	-579.1	-207.947	-673.834	-302.6803	4
41	0	-458.613	-535.437	-204.132	-624.266	-292.9604	5
41	6.56168	-458.116	-534.94	-203.635	-623.769	-292.4635	5
41	13.12336	-457.62	-534.443	-203.138	-623.272	-291.9666	5
42	0	-427.181	-490.748	-198.089	-573.511	-280.8518	6
42	6.56168	-426.685	-490.251	-197.592	-573.014	-280.3548	6
42	13.12336	-426.188	-489.754	-197.095	-572.517	-279.8579	6
43	0	-395.059	-446.228	-190.775	-522.786	-267.3324	7
43	6.56168	-394.562	-445.731	-190.278	-522.289	-266.8355	7
43	13.12336	-394.065	-445.234	-189.781	-521.792	-266.3386	7
44	0	-362.339	-402.067	-182.149	-472.298	-252.3798	8
44	6.56168	-361.842	-401.57	-181.652	-471.802	-251.8828	8
44	13.12336	-361.345	-401.073	-181.155	-471.305	-251.3859	8
45	0	-329.105	-358.444	-172.165	-422.245	-235.965	9
45	6.56168	-328.608	-357.947	-171.668	-421.748	-235.4681	9
45	13.12336	-328.111	-357.45	-171.171	-421.251	-234.9712	9
46	0	-295.431	-315.528	-160.773	-372.808	-218.0538	10
46	6.56168	-294.934	-315.031	-160.277	-372.311	-217.5569	10
46	13.12336	-294.437	-314.534	-159.78	-371.815	-217.06	10
47	0	-261.386	-273.479	-147.922	-324.165	-198.6075	11
47	6.56168	-260.889	-272.982	-147.425	-323.668	-198.1106	11
47	13.12336	-260.392	-272.485	-146.929	-323.171	-197.6137	11
48	0	-227.032	-232.452	-133.557	-276.479	-177.5842	12
48	6.56168	-226.535	-231.955	-133.06	-275.982	-177.0873	12
48	13.12336	-226.038	-231.458	-132.563	-275.485	-176.5904	12
49	0	-192.425	-192.592	-117.622	-229.91	-154.9398	13
49	6.56168	-191.928	-192.095	-117.125	-229.413	-154.4429	13
49	13.12336	-191.431	-191.598	-116.628	-228.916	-153.946	13
50	0	-157.619	-154.041	-100.06	-184.609	-130.6285	14
50	6.56168	-157.122	-153.544	-99.5635	-184.112	-130.1316	14
50	13.12336	-156.625	-153.047	-99.0666	-183.615	-129.6346	14
51	0	-122.663	-116.935	-80.8158	-140.723	-104.6035	15
51	6.56168	-122.166	-116.438	-80.3189	-140.226	-104.1066	15
51	13.12336	-121.669	-115.941	-79.822	-139.729	-103.6096	15
52	0	-87.606	-81.4075	-59.8317	-98.3939	-76.81811	16
52	6.56168	-87.1091	-80.9106	-59.3348	-97.897	-76.32119	16
52	13.12336	-86.6122	-80.4136	-58.8379	-97.4001	-75.82426	16
53	0	-52.489	-47.5839	-37.049	-57.7565	-47.22153	17
53	6.56168	-51.9921	-47.087	-36.552	-57.2596	-46.72461	17
53	13.12336	-51.4952	-46.5901	-36.0551	-56.7626	-46.22768	17
54	0	-17.3771	-15.6206	-12.4111	-18.9819	-15.77234	18
54	6.56168	-16.8802	-15.1237	-11.9142	-18.4849	-15.27542	18
4	13.12336	-16.3833	-14.6268	-11.4173	-17.988	-14.7785	18

P aksial kolom interior portal tepi arah-X (Kip)

Elemen	Station	PD	PL	PE	1.2PD+0.5PL	Lantai
19	0	-666.7949	-162.7262	-0.119859	-881.51698	1
19	6.56168	-666.2979	-162.7262	-0.119859	-880.92058	1
19	13.12336	-665.801	-162.7262	-0.119859	-880.3243	1
20	0	-619.1451	-151.0009	-0.114349	-818.47457	2
20	6.56168	-618.6482	-151.0009	-0.114349	-817.87829	2
20	13.12336	-618.1512	-151.0009	-0.114349	-817.28189	2
21	0	-573.9174	-139.8983	-0.09392	-758.65003	3
21	6.56168	-573.4205	-139.8983	-0.09392	-758.05375	3
21	13.12336	-572.9236	-139.8983	-0.09392	-757.45747	3
22	0	-530.3197	-129.2089	-0.075576	-700.98809	4
22	6.56168	-529.8228	-129.2089	-0.075576	-700.39181	4
22	13.12336	-529.3259	-129.2089	-0.075576	-699.79553	4
23	0	-488.1761	-118.8887	-0.060438	-645.25567	5
23	6.56168	-487.6792	-118.8887	-0.060438	-644.65939	5
23	13.12336	-487.1822	-118.8887	-0.060438	-644.06299	5
24	0	-447.2993	-108.8902	-0.048332	-591.20426	6
24	6.56168	-446.8023	-108.8902	-0.048332	-590.60786	6
24	13.12336	-446.3054	-108.8902	-0.048332	-590.01158	6
25	0	-407.5234	-99.17121	-0.038935	-538.613685	7
25	6.56168	-407.0265	-99.17121	-0.038935	-538.017405	7
25	13.12336	-406.5296	-99.17121	-0.038935	-537.421125	7
26	0	-368.7006	-89.69434	-0.031954	-487.28789	8
26	6.56168	-368.2036	-89.69434	-0.031954	-486.69149	8
26	13.12336	-367.7067	-89.69434	-0.031954	-486.09521	8
27	0	-330.6977	-80.42587	-0.027067	-437.050175	9
27	6.56168	-330.2008	-80.42587	-0.027067	-436.453895	9
27	13.12336	-329.7039	-80.42587	-0.027067	-435.857615	9
28	0	-293.3952	-71.33547	-0.024003	-387.741975	10
28	6.56168	-292.8983	-71.33547	-0.024003	-387.145695	10
28	13.12336	-292.4014	-71.33547	-0.024003	-386.549415	10
29	0	-256.6847	-62.39567	-0.022517	-339.219475	11
29	6.56168	-256.1877	-62.39567	-0.022517	-338.623075	11
29	13.12336	-255.6908	-62.39567	-0.022517	-338.026795	11
30	0	-220.467	-53.58142	-0.022355	-291.35111	12
30	6.56168	-219.9701	-53.58142	-0.022355	-290.75483	12
30	13.12336	-219.4732	-53.58142	-0.022355	-290.15855	12
31	0	-184.6512	-44.86965	-0.023297	-244.016265	13
31	6.56168	-184.1543	-44.86965	-0.023297	-243.419985	13
31	13.12336	-183.6574	-44.86965	-0.023297	-242.823705	13
32	0	-149.1526	-36.23897	-0.025142	-197.102605	14
32	6.56168	-148.6557	-36.23897	-0.025142	-196.506325	14
32	13.12336	-148.1587	-36.23897	-0.025142	-195.909925	14
33	0	-113.8916	-27.66926	-0.027721	-150.50455	15
33	6.56168	-113.3947	-27.66926	-0.027721	-149.90827	15
33	13.12336	-112.8978	-27.66926	-0.027721	-149.31199	15
34	0	-78.79202	-19.14128	-0.030808	-104.121064	16
34	6.56168	-78.29509	-19.14128	-0.030808	-103.524748	16
34	13.12336	-77.79817	-19.14128	-0.030808	-102.928444	16
35	0	-43.78666	-10.6384	-0.035991	-57.863192	17
35	6.56168	-43.28974	-10.6384	-0.035991	-57.266888	17
35	13.12336	-42.79282	-10.6384	-0.035991	-56.670584	17
36	0	-8.776092	-2.130443	-0.023286	-11.5965319	18
36	6.56168	-8.279169	-2.130443	-0.023286	-11.0002243	18
36	13.12336	-7.782248	-2.130443	-0.023286	-10.4039191	18

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P aksial kolom eksterior portal tepi arah-X (Kip)

Elemen	Station	PD	PL	PE	1.2PD+0.5PL	Lantai
37	0	-463.6884	-111.1688	-245.4003	-612.01048	1
37	6.56168	-463.1915	-111.1688	-245.4003	-611.4142	1
37	13.12336	-462.6946	-111.1688	-245.4003	-610.81792	1
38	0	-441.7127	-105.9675	-226.5341	-583.03899	2
38	6.56168	-441.2158	-105.9675	-226.5341	-582.44271	2
38	13.12336	-440.7189	-105.9675	-226.5341	-581.84643	2
39	0	-418.5226	-100.454	-205.9633	-552.45412	3
39	6.56168	-418.0257	-100.454	-205.9633	-551.85784	3
39	13.12336	-417.5288	-100.454	-205.9633	-551.26156	3
40	0	-394.5171	-94.7338	-185.5767	-520.78742	4
40	6.56168	-394.0201	-94.7338	-185.5767	-520.19102	4
40	13.12336	-393.5232	-94.7338	-185.5767	-519.59474	4
41	0	-369.7843	-88.82896	-165.6529	-488.15564	5
41	6.56168	-369.2874	-88.82896	-165.6529	-487.55936	5
41	13.12336	-368.7905	-88.82896	-165.6529	-486.96308	5
42	0	-344.4182	-82.76326	-146.3296	-454.68347	6
42	6.56168	-343.9212	-82.76326	-146.3296	-454.08707	6
42	13.12336	-343.4243	-82.76326	-146.3296	-453.49079	6
43	0	-318.5013	-76.55772	-127.7266	-420.48042	7
43	6.56168	-318.0044	-76.55772	-127.7266	-419.88414	7
43	13.12336	-317.5075	-76.55772	-127.7266	-419.28786	7
44	0	-292.108	-70.23113	-109.9593	-385.645165	8
44	6.56168	-291.611	-70.23113	-109.9593	-385.048765	8
44	13.12336	-291.1141	-70.23113	-109.9593	-384.452485	8
45	0	-265.3044	-63.80031	-93.13973	-350.265435	9
45	6.56168	-264.8076	-63.80031	-93.13973	-349.669275	9
45	13.12336	-264.3106	-63.80031	-93.13973	-349.072875	9
46	0	-238.1506	-57.28043	-77.37723	-314.420935	10
46	6.56168	-237.6537	-57.28043	-77.37723	-313.824655	10
46	13.12336	-237.1568	-57.28043	-77.37723	-313.228375	10
47	0	-210.7008	-50.68521	-62.77846	-278.183565	11
47	6.56168	-210.2038	-50.68521	-62.77846	-277.587165	11
47	13.12336	-209.7069	-50.68521	-62.77846	-276.990885	11
48	0	-183.0043	-44.02719	-49.44727	-241.618755	12
48	6.56168	-182.5074	-44.02719	-49.44727	-241.022475	12
48	13.12336	-182.0105	-44.02719	-49.44727	-240.426195	12
49	0	-155.1068	-37.31791	-37.48492	-204.787115	13
49	6.56168	-154.6099	-37.31791	-37.48492	-204.190835	13
49	13.12336	-154.113	-37.31791	-37.48492	-203.594555	13
50	0	-127.0506	-30.56805	-26.99021	-167.744745	14
50	6.56168	-126.5537	-30.56805	-26.99021	-167.148465	14
50	13.12336	-126.0568	-30.56805	-26.99021	-166.552185	14
51	0	-98.87554	-23.78767	-18.05971	-130.544483	15
51	6.56168	-98.37862	-23.78767	-18.05971	-129.948179	15
51	13.12336	-97.88169	-23.78767	-18.05971	-129.351863	15
52	0	-70.6196	-16.9864	-10.78789	-93.23672	16
52	6.56168	-70.12268	-16.9864	-10.78789	-92.640416	16
52	13.12336	-69.62576	-16.9864	-10.78789	-92.044112	16
53	0	-42.31644	-10.17256	-5.26748	-55.866008	17
53	6.56168	-41.81952	-10.17256	-5.26748	-55.269704	17
53	13.12336	-41.3226	-10.17256	-5.26748	-54.6734	17
54	0	-14.01586	-3.361243	-1.604757	-18.4996535	18
54	6.56168	-13.51894	-3.361243	-1.604757	-17.9033495	18
54	13.12336	-13.02201	-3.361243	-1.604757	-17.3070335	18

Momen Balok Portal Tengah Arah-X (k.ft)

Elemen	Station	1.4D	1.2D+1.6L	1.2D+0.5L+E	1.2D+0.5L-E	0.9D+E	0.9D-E	D+L	D+E	D+E	D+L+E	D+L-E	Lantai
73	0	-328.449	-386.2458	-44.01443	-584.4902	-11.2901	-481.384	-300.055	35.63122	-504.845	-29.8174	-570.293	1
73	14.76378	231.9129	281.5383	191.4189	257.8685	165.5577	182.3117	217.3745	198.8769	184.1497	184.1497	250.5993	1
73	29.52756	-233.513	-273.4277	-113.6887	-559.7927	-536.895	186.6253	-212.591	-503.536	169.9458	-549.332	124.1496	2
74	0	-278.73	-328.5793	-33.85301	-671.8742	-161.8742	-479.969	-255.135	101.6928	-489.878	45.65033	555.921	2
74	14.76378	232.5683	282.2338	192.8276	257.6681	166.9249	181.9291	217.9264	198.5412	185.5061	185.5061	250.3466	2
74	29.52756	-233.513	-273.4277	-113.6887	-559.7927	-536.895	186.6253	-212.591	-503.536	169.9458	-549.332	124.1496	2
75	0	-241.702	-285.7202	-285.7202	-65.8802	90.42631	-452.978	-221.736	124.9551	-470.243	75.86288	-519.335	3
75	14.76378	236.8161	287.1541	197.2025	261.3734	170.8997	184.3244	221.7598	197.0688	201.2398	189.6744	253.8454	3
75	29.52756	-230.497	-362.7711	-658.1208	65.44638	-627.924	162.1786	-282.178	-583.567	140.0003	-643.961	79.6058	3
76	0	-208.914	-247.7578	-490.3682	89.31966	110.7849	-424.156	-192.155	140.6297	-439.078	97.69926	-482.009	4
76	14.76378	240.2857	291.171	201.4193	263.7564	174.7906	185.638	224.89	140.4641	202.8012	193.7215	256.0586	4
76	29.52756	-336.348	-392.7033	-673.126	31.27653	-640.5	135.9777	-305.502	-592.45	111.9528	-657.703	46.6996	4
77	0	-180.294	-214.6149	106.6344	-453.2582	125.4085	-395.85	-166.33	151.1648	-408.728	113.6166	-446.276	5
77	14.76378	243.3203	294.685	205.4019	265.5466	178.4879	186.4926	227.6282	143.7279	203.8726	197.5556	257.7006	5
77	29.52756	-358.902	-418.8221	-682.4759	-2.279205	-647.728	109.3758	-325.853	-596.457	83.73999	-665.952	14.24494	5
78	0	-155.367	-185.741	118.6984	-417.8976	135.1264	-368.177	-143.832	157.3216	-379.274	124.4656	-412.13	6
78	14.76378	245.9569	297.7388	209.19	266.7745	182.028	186.9074	230.0076	146.8913	204.4758	201.2154	258.7999	6
78	29.52756	-378.559	-441.5927	-686.9644	-35.19027	-650.367	82.52748	-343.595	-596.287	55.48753	-669.462	-17.7082	6
79	0	-133.732	-160.6727	126.0098	-384.0434	140.3988	-340.997	-124.301	159.5034	-350.55	130.7254	-379.328	7
79	14.76378	248.2391	300.363	212.8108	267.4961	185.4337	186.925	232.0678	149.971	204.6563	204.7251	259.4105	7
79	29.52756	-395.634	-461.3773	-687.0356	-67.60758	-648.828	55.37816	-359.01	-592.309	27.11862	-668.724	-49.2856	7
80	0	-115.044	-139.0081	128.9918	-351.459	141.6166	-314.182	-107.424	158.0514	-322.399	132.8018	-347.649	8
80	14.76378	250.2045	302.6611	216.2905	267.7566	188.7279	186.5768	233.8426	152.9844	204.4506	208.1095	259.5757	8
80	29.52756	-410.396	-478.4904	-683.0601	-99.67694	-643.459	27.86581	-372.341	-584.831	-1.44816	-664.033	-80.6496	8
81	0	-99.001	-120.3999	128.0094	-319.939	139.1162	-287.618	92.9287	155.2592	-284.689	131.0465	-316.903	9
81	14.76378	251.8856	304.6109	218.6516	267.047	191.9301	185.8983	235.3614	152.9464	203.8902	211.3695	259.3333	9
81	29.52756	-423.039	-493.2039	-675.3576	-131.5252	-634.556	0.06399	-383.803	-574.116	-30.284	-655.719	-111.886	9
82	0	-85.3472	-104.5496	123.3831	-289.3144	133.194	-261.215	-80.5841	145.3684	-267.311	125.7647	-286.933	10
82	14.76378	253.3104	306.2648	222.9129	266.1422	185.0561	184.9095	236.6496	158.8689	203.0031	214.5824	258.7166	10
82	29.52756	-433.889	-505.7515	-664.2115	-163.252	-622.384	-28.4488	-393.575	-560.4	-59.4408	-644.055	-143.095	10
83	0	-73.8634	-91.20309	115.3951	-259.4503	124.1113	-234.906	-70.1918	134.6632	-240.182	117.2309	-257.615	11
83	14.76378	254.5027	307.6503	226.0889	266.1422	196.1185	183.6355	237.7284	161.761	201.8143	217.7017	257.755	11
83	29.52756	-442.982	-516.3318	-649.8745	-194.931	-607.18	-57.309	-401.813	-543.895	-88.9513	-629.285	-174.341	11
84	0	-64.3653	-80.14628	104.2879	-230.2384	112.0929	-208.641	-61.5852	121.2879	-213.238	105.6779	-228.948	12
84	14.76378	255.4825	308.7809	229.1816	264.9071	201.1273	182.0965	238.6162	164.6298	200.3452	220.7585	256.4739	12
84	29.52756	-450.535	-525.1125	-632.5651	-226.6179	-589.147	-86.656	-408.648	-524.784	-118.837	-611.622	-205.674	12
85	0	-56.7006	-71.20162	90.26795	-201.5947	97.33087	-182.382	-54.6282	105.4309	-186.432	91.30511	-200.558	13
85	14.76378	256.2665	309.7059	232.2304	263.3642	204.0901	180.3087	239.3281	167.4806	198.6144	223.7612	254.895	13
85	29.52756	-456.636	-532.2319	-612.4713	-258.3517	-568.462	-116.492	-414.187	-503.228	-149.109	-591.247	-237.127	13
86	0	-50.7459	-64.22581	73.5088	-173.4576	79.9967	-156.106	-49.2029	87.23612	-159.73	74.2903	-172.686	14
86	14.76378	256.866	310.4108	235.2117	261.5324	207.0122	178.2898	239.876	170.3168	196.6376	226.7157	253.0364	14
86	29.52756	-461.392	-537.8031	-589.7536	-290.1564	-545.277	-146.81	-418.518	-479.364	-179.767	-568.317	-268.72	14
87	0	-46.4082	-58.10893	54.15112	-145.7896	60.19188	-129.804	-45.2303	66.82162	-133.119	54.7401	-145.201	15
87	14.76378	257.2969	310.9193	236.1427	259.4271	209.8987	176.0487	240.5402	175.9571	192.0243	232.5065	248.5738	15
87	29.52756	-464.872	-541.9077	-584.5362	-322.0387	-519.711	-177.586	-421.705	-453.301	-210.802	-542.955	-300.455	15
88	0	-43.6553	-55.61969	32.25102	-103.484	38.0013	-103.484	-42.8929	44.23777	-106.602	32.73721	-118.103	16
88	14.76378	257.587	311.268	241.0299	257.0972	212.7552	173.6253	240.5402	175.9571	192.0243	232.5065	248.5738	16
88	29.52756	-467.055	-544.5063	-536.8696	-353.9039	-491.815	-208.766	-423.719	-425.093	-242.128	-515.202	-332.236	16
89	0	-40.699	-52.14314	9.553579	-90.70976	14.94679	-75.9953	-39.8572	20.76093	-78.9024	9.974519	-89.6888	17
89	14.76378	256.7868	310.2836	243.1202	253.4486	214.9398	170.2414	238.782	178.255	188.5833	234.6178	244.9462	17
89	29.52756	-471.57	-550.1033	-509.957	-389.6359	-464.363	-242.991	-428.023	-396.996	-276.675	-486.184	-367.863	17
90	0	-67.79173	-82.40141	67.36992	82.40141	76.5695	23.1181	56.08649	68.88497	21.96037	76.5488	35.62419	18
90	14.76378	203.974	242.6113	192.8338	199.1962	171.6537	134.3073	188.056	142.5145	148.8769	184.8748	191.2372	18
90	29.52756	-264.901	-310.1313	-279.8098	-226.2263	-253.849	-143.501	-241.136	-216.006	-162.423	-267.928	-214.344	18

Momen Balok Portal Tengah Arah-X (k.ft)

Elemen	Station	1.4D	1.2D+1.6L	1.2D+0.5L+E	1.2D+0.5L-E	0.9D+E	0.9D-E	D+L	D+E	D-E	D+L+E	D+H-E	Lantai
55	0	-234.007	-274.0077	113.3746	-560.4235	136.3215	-487.332	-213.042	169.7511	-504.047	123.8573	-549.941	1
55	14.76378	231.8641	281.2466	257.6631	191.1487	215.6697	217.1477	198.7316	132.2171	250.405	183.8905	-29.726	1
55	29.52756	-328.398	-386.1848	-584.4848	-43.92089	-551.766	-300.008	-300.008	-504.852	35.71216	-570.29	-29.726	1
56	0	-282.065	-329.8732	96.82727	-635.4316	124.3596	-547.457	-256.54	164.6545	-567.604	109.5899	-622.669	2
56	14.76378	232.4813	282.131	257.7354	192.5923	213.8413	217.8464	198.6296	133.4865	250.418	185.2748	-22.669	2
56	29.52756	-278.811	-328.6738	-567.9875	33.96732	-539.958	-121.7422	-255.209	-500.128	101.8271	-556.187	45.76896	2
57	0	-310.58	-362.8689	65.82471	-658.659	96.03008	-561.901	-282.254	140.3987	-584.085	79.98799	-644.496	3
57	14.76378	236.7047	287.0241	261.4191	196.9444	235.1271	219.93	221.6586	201.3121	136.8375	253.8961	189.4214	3
57	29.52756	-241.847	-285.89	-529.6157	65.90009	-442.2854	-221.8668	-470.506	-500.128	125.0107	-519.627	75.89017	3
58	0	-336.426	-392.7949	31.56803	-673.5872	64.22224	-566.862	-305.573	112.2831	-592.892	47.01472	-658.161	4
58	14.76378	240.1826	291.0508	263.799	201.1803	237.1803	223.0939	224.7966	202.8685	140.2498	256.1059	193.4872	4
58	29.52756	-209.052	-247.919	-490.6319	89.29992	-469.153	-155.5754	-192.28	-439.289	140.6431	-482.246	97.68583	4
59	0	-358.978	-418.9106	-2.035484	-682.8644	32.71937	-571.186	-325.922	84.00188	-596.827	14.49217	-666.337	5
59	14.76378	243.2241	294.5726	265.5833	205.1816	238.6786	226.1575	227.5408	203.9323	143.5307	257.7416	197.3399	5
59	29.52756	-180.425	-214.7682	-453.4517	106.5774	-434.665	-164.0268	-166.449	-408.89	151.1393	-446.463	113.5656	5
60	0	-378.632	-441.6768	-35.00758	-687.2848	159.2699	-569.545	-343.661	55.68749	-596.59	-17.5222	-669.798	6
60	14.76378	245.8696	297.6369	266.8075	208.9904	239.6539	229.1504	229.8283	204.5297	146.7125	258.8369	201.0197	6
60	29.52756	-155.488	-185.8826	-418.0427	118.6121	-401.603	-168.3707	-143.942	-379.391	157.2644	-412.27	124.3851	6
61	0	-395.701	-461.4561	-67.47942	-687.2927	-29.2658	-564.286	-359.071	27.26297	-592.55	-48.1643	-668.978	7
61	14.76378	248.1618	300.2929	267.5271	212.6324	240.1575	232.0853	231.9977	204.7058	149.8111	259.445	204.5503	7
61	29.52756	-133.842	-160.8009	-384.1432	125.8999	-369.744	-168.9801	-124.401	-350.623	159.4199	-379.423	130.8206	7
62	0	-410.458	-478.563	-99.59596	-683.2601	-59.989	-555.698	-372.396	-1.35216	-585.016	-80.5658	-664.23	8
62	14.76378	250.1381	302.5837	267.7874	216.1331	240.2312	234.976	233.7824	204.4972	152.843	259.6095	207.9552	8
62	29.52756	-115.141	-139.1221	-351.5173	128.8637	-338.883	-166.171	-107.512	-322.434	157.9467	-347.703	132.6782	8
63	0	-423.137	-493.2698	-131.4847	-675.5058	90.6781	-544.027	-383.854	-30.23	-574.251	-111.843	-665.864	9
63	14.76378	251.8306	304.5467	267.6273	219.5147	237.8348	233.3114	233.9352	155.8227	259.3677	211.2552	-21.5252	9
63	29.52756	-89.0864	-120.4994	-319.9593	127.8668	-308.844	-160.2147	-93.0061	-294.689	153.1371	-316.919	130.907	9
64	0	-433.939	-505.8102	-163.2461	-624.3134	-121.414	-529.485	-393.621	-59.4228	-560.49	-143.087	-644.154	10
64	14.76378	253.2667	306.2138	267.0812	222.7953	239.2286	240.6714	236.6098	203.0477	158.7619	258.7527	214.4669	10
64	29.52756	-85.4205	-104.6335	-289.3001	123.2291	-279.482	-151.3514	-80.6505	-267.279	145.25	-286.915	125.6141	10
65	0	-443.036	-516.3832	-184.9533	-648.9382	-152.254	-512.301	-401.853	-88.9631	-543.946	-174.362	-629.345	11
65	14.76378	254.47	307.6122	266.1796	225.9891	238.2124	243.4926	237.6987	201.8599	161.969	257.7939	217.6035	11
65	29.52756	-73.9252	-91.27509	-259.4053	115.2323	-250.683	-139.7954	-70.2479	-240.122	134.5151	-257.567	117.0709	11
66	0	-450.573	-525.1568	-226.6633	-632.5922	-183.241	-492.619	-408.683	-118.873	-524.802	-205.718	-611.647	12
66	14.76378	255.4603	308.765	264.9485	228.1078	238.8864	246.3041	236.9561	200.392	164.5513	256.5164	220.6757	12
66	29.52756	-64.4165	-80.20594	-230.166	104.1178	-222.356	-125.7313	-61.6317	-213.154	121.1301	-228.774	105.5102	12
67	0	-456.668	-532.2698	-258.4154	-612.4692	-214.403	-470.599	-414.216	-149.165	-503.219	-237.19	-591.243	13
67	14.76378	256.254	309.6913	263.4102	232.1606	235.2711	249.1098	239.3167	198.6634	187.4138	254.9416	223.6919	13
67	29.52756	-56.7423	-71.2505	-201.4982	90.09179	-194.451	-109.3178	-54.6641	-186.325	105.2648	-200.459	91.30889	13
68	0	-461.419	-537.8347	-290.2344	-589.7274	-245.755	-446.373	-418.543	-179.838	-476.332	-268.796	-568.29	14
68	14.76378	256.8642	310.4063	261.5832	235.1536	233.3841	249.2741	240.5492	196.6892	170.2596	253.0873	226.6577	14
68	29.52756	-50.7796	-64.26504	-173.3401	73.32706	-166.859	-90.68954	-49.2334	-159.605	87.06243	-172.567	74.10013	14
69	0	-464.895	-541.9343	-322.1261	-564.4944	-277.297	-420.045	-421.726	-210.884	-463.252	-300.542	-542.91	15
69	14.76378	257.3025	310.9235	259.483	238.0936	231.2397	245.7141	240.2741	194.4822	173.0928	250.9687	229.5794	15
69	29.52756	-46.4353	-59.14043	-145.6546	53.96454	-139.611	-69.95832	-45.2548	-132.978	66.64152	-145.064	54.55478	15
70	0	-467.074	-544.529	-354.033	-536.7776	-308.977	-391.634	-423.737	-242.252	-424.997	-332.364	-515.108	16
70	14.76378	257.597	311.2796	257.1491	240.997	228.6734	157.522	240.5492	192.0739	175.9218	248.6253	232.4732	16
70	29.52756	-43.6771	-55.84512	-118.4225	32.04273	-112.67	-47.15449	-42.7027	-106.431	44.0347	-117.935	32.52983	16
71	0	-471.587	-550.123	-389.4032	-510.2221	-343.808	-363.572	-428.039	-276.438	-397.257	-367.629	-488.448	17
71	14.76378	256.799	310.2979	253.9987	242.9935	225.4161	159.7825	239.7931	188.7305	178.1253	245.0957	234.4905	17
71	29.52756	-40.7193	-52.16688	-90.10648	9.51153	-84.7113	-33.63229	-39.8756	-78.8943	20.72376	-69.6846	9.933395	17
72	0	-264.925	-310.1603	-225.6356	-280.2478	-199.873	-197.515	-241.158	-162.026	-216.438	-213.952	-268.364	18
72	14.76378	204.0138	242.658	199.4181	182.668	178.234	127.7867	188.0923	149.0892	142.3591	191.4573	164.7272	18
72	29.52756	67.77345	70.3479	41.40566	82.43761	37.57555	64.08462	56.06984	27.89362	68.92558	35.55366	76.58582	18

Geser Balok Portal Tengah Arah-X (Kip)

Elemen	Station	VD	VL	VE	1.2VD+0.5VL	D+L	D+E	D-E	D+L+E	D+L-E	Lantai
55	0	-40.5742	-10.40378	20.56114	-53.890882	-50.9779	-20.013	-61.1353	-30.4168	-71.5391	1
55	14.76378	-4.49683	-2.816478	20.56114	-6.804429	-7.3133	16.06431	-25.058	13.24784	-27.8744	1
55	29.52756	45.13469	11.72596	20.56114	60.024608	56.66065	65.69583	24.57355	77.42179	36.29951	1
56	0	-42.9336	-11.03135	22.59236	-57.036043	-53.965	-20.3413	-65.526	-31.3726	-76.5573	2
56	14.76378	-6.8563	-3.444051	22.59236	-9.9495843	-10.3004	15.73606	-29.4487	12.29201	-32.8927	2
56	29.52756	42.77522	11.09839	22.59236	56.879459	53.8736	65.36757	20.18286	76.46596	31.28125	2
57	0	-44.5179	-11.44742	22.3515	-59.145142	-55.9653	-22.1664	-66.8694	-33.6138	-78.3168	3
57	14.76378	-8.44052	-3.860123	22.3515	-12.0586879	-12.3006	13.91098	-30.792	10.05085	-34.6521	3
57	29.52756	41.19099	10.68232	22.3515	54.770348	51.87331	63.54249	18.8395	74.22481	29.52181	3
58	0	-45.936	-11.82056	21.76092	-61.033468	-57.7566	-24.1751	-67.6969	-35.9956	-79.5175	4
58	14.76378	-9.85866	-4.233257	21.76092	-13.9470181	-14.0919	11.90226	-31.6196	7.669004	-35.8528	4
58	29.52756	39.77286	10.30918	21.76092	52.882022	50.08204	61.53378	18.01194	71.84296	28.32112	4
59	0	-47.1735	-12.14638	21.01202	-62.681354	-59.3198	-26.1614	-68.1855	-38.3078	-80.3319	5
59	14.76378	-11.0961	-4.559078	21.01202	-15.594895	-15.6552	9.915895	-32.1082	5.356817	-36.6672	5
59	29.52756	38.53539	9.983362	21.01202	51.234149	48.51875	59.54741	17.52337	69.53077	27.50673	5
60	0	-48.2515	-12.43049	20.13324	-64.116985	-60.6819	-28.1182	-68.3847	-40.5487	-80.8152	6
60	14.76378	-12.1741	-4.843185	20.13324	-17.0305385	-17.0173	7.959121	-32.3074	3.115936	-37.1505	6
60	29.52756	37.4574	9.699255	20.13324	49.7985075	47.15665	57.59064	17.32416	67.28989	27.02341	6
61	0	-49.1872	-12.67742	19.13347	-65.363362	-61.8646	-30.0537	-68.3207	-42.7312	-80.9981	7
61	14.76378	-13.1099	-5.090122	19.13347	-18.276917	-18.2	6.023592	-32.2434	0.933471	-37.3335	7
61	29.52756	36.52164	9.452318	19.13347	48.552127	45.97396	55.65511	17.38817	65.10743	26.84049	7
62	0	-49.9957	-12.89114	18.0197	-66.440422	-62.8869	-31.976	-68.0154	-44.6672	-80.9066	8
62	14.76378	-13.9184	-5.30384	18.0197	-19.353964	-19.2222	4.101326	-31.9381	-1.20251	-37.2419	8
62	29.52756	35.71314	9.2386	18.0197	47.475068	44.95174	53.73284	17.69344	62.97144	26.93204	8
63	0	-50.6899	-13.07506	16.79782	-67.365386	-63.7649	-33.8921	-67.4877	-46.9671	-80.5628	9
63	14.76378	-14.6125	-5.487759	16.79782	-20.2789275	-20.1003	2.185277	-31.4104	-3.30248	-36.8981	9
63	29.52756	35.01897	9.054681	16.79782	46.5501045	44.07365	51.81679	18.22116	60.87148	27.27584	9
64	0	-51.2808	-13.23212	15.47347	-68.153056	-64.513	-35.8074	-66.7543	-49.0395	-79.9864	10
64	14.76378	-15.2035	-5.644822	15.47347	-21.066599	-20.8483	0.269974	-30.677	-5.37485	-36.3218	10
64	29.52756	34.42802	8.897617	15.47347	45.7624325	43.32564	49.90149	18.95456	58.79911	27.85217	10
65	0	-51.778	-13.36484	14.05217	-68.816044	-65.1429	-37.7259	-65.8302	-51.0907	-79.195	11
65	14.76378	-15.7007	-5.77754	14.05217	-21.729586	-21.4782	-1.64851	-29.7528	-7.42605	-35.5304	11
65	29.52756	33.93084	8.764899	14.05217	45.0994575	42.69574	47.983	19.87867	56.7479	28.64357	11
66	0	-52.1894	-13.47534	12.53889	-69.364938	-65.6647	-39.6505	-64.7283	-53.1258	-78.2036	12
66	14.76378	-16.1121	-5.888038	12.53889	-22.278479	-22.0001	-3.57317	-28.6509	-9.46121	-34.539	12
66	29.52756	33.51947	8.654402	12.53889	44.550565	42.17387	46.05835	20.98058	54.71275	29.63498	12
67	0	-52.5215	-13.56538	10.9382	-69.808514	-66.0869	-41.5833	-63.4597	-55.1487	-77.0251	13
67	14.76378	-16.4442	-5.978081	10.9382	-22.7220685	-22.4223	-5.50599	-27.3824	-11.4841	-33.3605	13
67	29.52756	33.18733	8.564359	10.9382	44.1069755	41.75169	44.12553	22.24914	52.68988	30.8135	13
68	0	-52.7798	-13.63642	9.25426	-70.15391	-66.4162	-43.5255	-62.034	-57.1619	-75.6704	14
68	14.76378	-16.7024	-6.049115	9.25426	-23.0674495	-22.7515	-7.44815	-25.9567	-13.4973	-32.0058	14
68	29.52756	32.9291	8.493324	9.25426	43.761582	41.42243	42.18336	23.67484	50.67669	32.16817	14
69	0	-52.968	-13.68954	7.4909	-70.406394	-66.6576	-45.4771	-60.4589	-59.1667	-74.1485	15
69	14.76378	-16.8907	-6.10224	7.4909	-23.319936	-22.9929	-9.39978	-24.3816	-15.502	-30.4838	15
69	29.52756	32.74084	8.440199	7.4909	43.5091075	41.18104	40.23174	25.24994	48.67194	33.69014	15
70	0	-53.0864	-13.72434	5.649695	-70.565814	-66.8107	-47.4367	-58.7361	-61.161	-72.4604	16
70	14.76378	-17.009	-6.137043	5.649695	-23.4793575	-23.1461	-11.3593	-22.6587	-17.4964	-28.7958	16
70	29.52756	32.62248	8.405397	5.649695	43.3496745	41.02788	38.27218	26.97279	46.67757	35.37819	16
71	0	-53.2713	-13.78619	3.737028	-70.818679	-67.0575	-49.5343	-57.0084	-63.3205	-70.7945	17
71	14.76378	-17.194	-6.198892	3.737028	-23.732222	-23.3929	-13.457	-20.931	-19.6558	-27.1299	17
71	29.52756	32.43753	8.343549	3.737028	43.0968105	40.78108	36.17456	28.70051	44.51811	37.04406	17
72	0	-30.4161	-8.63551	1.67355	-40.817075	-39.0516	-28.7426	-32.0897	-37.3781	-40.7252	18
72	14.76378	-14.7537	-4.083129	1.67355	-19.7459565	-18.8368	-13.0801	-16.4272	-17.1632	-20.5103	18
72	29.52756	14.47959	4.64193	1.67355	19.696473	19.12152	16.15314	12.80604	20.79507	17.44797	18

Geser Balok Portal Tengah Arah-X (Kip)

Elemen	Station	VD	VL	VE	1.2VD+0.5VL	D+L	D+E	D-E	D+L+E	D+L-E	Lantai	
19	73	0	-45.1494	-11.73001	20.55527	-60.044261	-56.8794	-24.5941	-65.7047	-36.3241	-77.4347	1
19	73	14.76378	-9.07205	-4.142712	20.55527	-12.95781	-13.2148	11.48323	-29.6273	7.340517	-33.77	1
19	73	29.52756	40.55947	10.39973	20.55527	53.871229	50.9592	61.11475	20.00419	71.51447	30.40392	1
19	74	0	-42.7755	-11.09847	22.56908	-56.879811	-53.874	-20.2064	-65.3446	-31.3049	-76.443	2
19	74	14.76378	-6.69815	-3.511164	22.56908	-9.7933584	-10.2093	15.87094	-29.2672	12.35977	-32.7784	2
20	74	29.52756	42.93337	11.03127	22.56908	57.035679	53.96465	65.50245	20.36429	76.53373	31.39556	2
20	75	0	-41.1891	-10.6818	22.33031	-54.767832	-51.8709	-18.8588	-63.5194	-29.5406	-74.2012	3
20	75	14.76378	-2.45555	-2.395389	22.33031	-7.6813839	-8.20628	17.21853	-27.4421	14.12403	-30.5366	3
20	75	29.52756	44.51974	11.44794	22.33031	59.147658	55.96767	66.85004	22.18943	78.29798	33.63737	3
21	76	0	-39.7707	-10.30859	21.7435	-52.879075	-50.0792	-18.0272	-61.5141	-28.3357	-71.8227	4
21	76	14.76378	-3.69331	-2.721284	21.7435	-5.7926128	-6.41459	18.05019	-25.4368	15.32891	-28.1581	4
21	76	29.52756	45.93821	11.82116	21.7435	61.036432	57.75936	67.6817	24.19471	79.50286	36.01586	4
22	77	0	-38.5329	-9.982691	20.99818	-51.2308135	-48.5156	-17.5347	-59.5311	-27.5174	-69.5138	5
22	77	14.76378	-2.45555	-2.395389	20.99818	-4.1443533	-4.85094	18.54263	-23.4537	16.14724	-25.8491	5
22	77	29.52756	47.17596	12.14705	20.99818	62.684677	59.32302	68.17414	26.17779	80.32119	38.32484	5
23	78	0	-37.4546	-9.698511	20.12257	-49.7947875	-47.1531	-17.332	-57.5772	-27.0306	-67.2757	6
23	78	14.76378	-1.37727	-2.11121	20.12257	-2.7083302	-3.48848	18.7453	-21.4998	16.63409	-23.6111	6
23	78	29.52756	48.25425	12.43123	20.12257	64.120715	60.68547	68.37682	28.13167	80.80805	40.5629	6
23	79	0	-36.5185	-9.451495	19.12561	-48.5479955	-45.97	-17.3929	-55.6442	-26.8444	-65.0957	7
23	79	14.76378	-0.44121	-1.864194	19.12561	-1.4615454	-2.3054	18.68441	-19.5668	16.82021	-21.431	7
23	79	29.52756	49.19031	12.67825	19.12561	65.367497	61.86856	68.31593	30.0647	80.99417	42.74294	7
24	80	0	-35.7097	-9.237692	18.01426	-47.47051	-44.9474	-17.6955	-53.724	-26.9332	-62.9617	8
24	80	14.76378	0.367616	-1.650391	18.01426	-0.38405682	-1.28278	18.38187	-17.6466	16.73148	-19.297	8
24	80	29.52756	49.99913	12.89205	18.01426	66.444981	62.89118	68.01339	31.98488	80.90543	44.87693	8
24	81	0	-35.0152	-9.053683	16.79445	-46.5450935	-44.0689	-18.2208	-51.8097	-27.2744	-60.8633	9
25	81	14.76378	1.662134	-1.466382	16.79445	0.5413698	-0.40425	17.85659	-15.7323	16.3902	-17.1987	9
25	81	29.52756	50.69365	13.07606	16.79445	63.73041	63.76971	67.48811	33.8992	80.56416	46.97526	9
25	82	0	-34.4239	-8.896524	15.47187	-45.75693	-43.3204	-18.952	-49.8958	-27.8485	-58.7923	10
25	82	14.76378	1.653453	-1.309223	15.47187	1.3295321	0.34423	17.12532	-13.8184	15.8161	-15.1276	10
25	82	29.52756	51.28497	13.23322	15.47187	68.158574	64.51818	66.75684	35.8131	79.99006	49.04631	10
26	83	0	-33.9263	-8.763705	14.05204	-45.0934365	-42.69	-19.8743	-47.9784	-28.638	-56.7421	11
26	83	14.76378	2.151023	-1.176404	14.05204	1.9930256	0.974619	16.20306	-11.901	15.02665	-13.0774	11
26	83	29.52756	51.78254	13.36604	14.05204	68.822068	65.14857	65.83457	37.7305	79.20061	51.09654	11
27	84	0	-33.5146	-8.653104	12.53996	-44.544012	-42.1677	-20.9746	-46.0545	-29.6277	-54.7076	12
27	84	14.76378	2.56279	-1.065802	12.53996	2.542447	1.496988	15.10275	-9.9717	14.03695	-11.043	12
27	84	29.52756	52.19431	13.47664	12.53996	69.371492	65.67094	64.73426	39.65435	78.2109	53.13099	12
27	85	0	-33.182	-8.562954	10.94024	-44.099889	-41.745	-22.2418	-44.1223	-30.8047	-52.6852	13
28	85	14.76378	2.895325	-0.975653	10.94024	2.9865637	1.919673	13.83556	-8.0491	12.85991	-9.02056	13
28	85	29.52756	52.52684	13.56679	10.94024	69.815603	66.09363	63.46708	41.58661	77.03386	55.15339	13
28	86	0	-32.9234	-8.491812	9.25707	-43.753962	-41.4152	-23.6663	-42.1805	-32.1581	-50.6723	14
28	86	14.76378	3.153958	-0.904511	9.25707	3.33249415	2.249447	12.41103	-6.10311	11.50652	-7.00762	14
28	86	29.52756	52.78547	13.63793	9.25707	70.161529	66.4234	62.04254	43.5284	75.68047	57.16633	14
29	87	0	-32.7347	-8.438581	7.494234	-43.5009425	-41.1733	-25.2405	-40.229	-33.6791	-48.6675	15
29	87	14.76378	3.342621	-0.85128	7.494234	3.58550525	2.491341	10.83685	-4.15161	9.985574	-5.00289	15
29	87	29.52756	52.97414	13.69116	7.494234	70.414548	66.6653	60.46837	45.4799	74.15953	59.17106	15
30	88	0	-32.6159	-8.403666	5.655133	-43.340961	-41.0196	-26.9608	-38.2711	-35.3645	-46.6747	16
30	88	14.76378	3.461393	-0.816366	5.655133	3.7454887	2.645027	9.116526	-2.19374	8.30016	-3.01011	16
30	88	29.52756	53.09291	13.72607	5.655133	70.574527	66.81898	58.74804	47.43778	72.47412	61.16385	16
30	89	0	-32.4308	-8.341763	3.7246	-43.0878535	-40.7726	-28.7062	-36.1554	-37.048	-44.4972	17
31	89	14.76378	3.646529	-0.754462	3.7246	3.9986604	2.892067	7.371129	-0.07807	6.616667	-0.83253	17
31	89	29.52756	53.27805	13.78798	3.7246	70.82765	67.06602	57.00264	49.55344	70.79062	63.34142	17
31	90	0	-14.4694	-4.639233	1.650227	-19.6829205	-19.1087	-12.8192	-16.1196	-17.4584	-20.7589	18
31	90	14.76378	1.193021	-0.086852	1.650227	1.388198975	1.106169	2.843248	-0.45721	2.756396	-0.54406	18
31	90	29.52756	30.42627	8.638206	1.650227	40.830627	39.06448	32.0765	28.77605	40.71471	37.41425	18

Momen Kolom Portal Tengah Arah-X (k.ft)

Elemen	Station	D+L	D+E	D-E	D+L+E	D+L-E	Lantai
1	0	-40.51275	219.6901	-283.2491	210.9568	-291.9823	1
1	6.56168	26.12345	78.32919	-37.34824	83.96216	-31.71526	1
1	13.12336	89.27453	-73.48157	213.5352	-54.23388	232.7829	1
2	0	-123.7673	96.26955	-290.5118	69.62341	-317.1579	2
2	6.56168	0.514134	7.722015	-6.860693	7.805489	-6.77722	2
2	13.12336	124.7294	-81.8184	277.6725	-55.01604	304.4749	2
3	0	-131.8101	82.83617	-289.9318	54.57391	-318.194	3
3	6.56168	2.926833	4.85779	-0.225837	5.468646	0.38502	3
3	13.12336	137.302	-73.72096	289.508	-44.31249	318.9165	3
4	0	-144.9519	66.67775	-294.577	35.67551	-325.5793	4
4	6.56168	2.399045	3.190238	0.608668	3.689829	1.10826	4
4	13.12336	149.4663	-60.67452	295.7224	-28.73217	327.6647	4
5	0	-156.1067	51.6086	-297.1698	18.28253	-330.4958	5
5	6.56168	2.096063	2.251335	1.067202	2.688129	1.503996	5
5	13.12336	160.0629	-47.35928	299.1841	-13.20878	333.3346	5
6	0	-165.8593	36.64262	-297.6429	1.283418	-333.0021	6
6	6.56168	1.821037	1.402384	1.48016	1.782149	1.859925	6
6	13.12336	169.3076	-33.98712	300.4457	2.091185	336.524	6
7	0	-174.3532	21.70035	-296.144	-15.43105	-333.2754	7
7	6.56168	1.576041	0.614577	1.879509	0.943575	2.208507	7
7	13.12336	177.3477	-20.53265	299.7151	17.22385	337.4716	7
8	0	-181.7233	6.73031	-292.8352	-31.94049	-331.506	8
8	6.56168	1.357192	-0.119103	2.266106	0.164587	2.549796	8
8	13.12336	184.3112	-6.957422	297.1563	32.25433	336.368	8
9	0	-188.0868	-8.309593	-287.8601	-48.31153	-327.862	9
9	6.56168	1.160933	-0.802681	2.63834	-0.559578	2.881444	9
9	13.12336	190.3088	6.773279	292.9098	47.24051	333.377	9
10	0	-193.545	-23.45671	-281.3413	-64.60268	-322.4873	10
10	6.56168	0.984108	-1.437737	2.992782	-1.231152	3.199368	10
10	13.12336	195.4359	20.69415	287.0918	62.23706	328.6348	10
11	0	-198.1846	-38.72864	-273.3983	-80.84971	-315.5194	11
11	6.56168	0.82387	-2.025351	3.325994	-1.851803	3.499543	11
11	13.12336	199.774	34.8211	279.8152	77.277	322.2711	11
12	0	-202.0791	-54.14203	-264.1308	-97.08474	-307.0735	12
12	6.56168	0.677639	-2.56776	3.636119	-2.424301	3.779579	12
12	13.12336	203.392	49.167	271.1758	92.38766	314.3964	12
13	0	-205.2904	-69.70642	-253.6266	-113.3303	-297.2505	13
13	6.56168	0.543072	-3.066601	3.92107	-2.950763	4.036907	13
13	13.12336	206.3472	63.73872	261.2571	107.5881	305.1064	13
14	0	-207.8691	-85.42593	-241.9614	-129.6014	-286.1369	14
14	6.56168	0.417871	-3.523509	4.178836	-3.433302	4.269043	14
14	13.12336	208.686	78.53781	250.1306	122.8896	294.4824	14
15	0	-209.8569	-101.3006	-229.2008	-145.9068	-273.807	15
15	6.56168	0.301019	-3.939527	4.408906	-3.873197	4.475235	15
15	13.12336	210.4482	93.56284	237.8605	138.2993	282.597	15
16	0	-211.2777	-117.3206	-215.3913	-162.2424	-260.313	16
16	6.56168	0.20526	-4.307108	4.620797	-4.258692	4.669213	16
16	13.12336	211.6828	108.8197	224.5114	153.837	269.5287	16
17	0	-212.0539	-133.4322	-200.4852	-178.5273	-245.5804	17
17	6.56168	-0.564182	-5.152656	4.302398	-5.291708	4.163345	17
17	13.12336	210.9348	123.2113	209.0195	168.0306	253.8389	17
18	0	-217.104	-153.2267	-188.2375	-199.5986	-234.6094	18
18	6.56168	12.06382	4.413139	14.1435	7.19864	16.929	18
18	13.12336	241.1583	162.0262	216.4384	213.9521	268.3644	18

-X (k.ft)

Momen Kolom Eksterior Portal Tengah-X

+L+E	Elemen	Station	1.4D	1.2D+1.6L	1.2D+0.5L+E	1.2D+0.5L-E	0.9D+E	0.9D-E	Lantai
289.9718	1	0	-44.49132	-52.10859	208.9676	-293.9716	213.3342	-280.0712	1
32.00213	1	6.56168	28.68666	33.60133	85.24377	-30.43366	82.42728	-39.39729	1
-232.79	1	13.12336	98.03757	114.8285	-49.85236	237.1645	-59.4762	206.5326	1
316.5417	2	0	-135.9696	-159.1792	63.52225	-323.2591	76.84532	-280.7997	2
6.866524	2	6.56168	0.602925	0.6503507	7.849884	-6.732824	7.808147	-6.903759	2
-304.198	2	13.12336	137.0979	160.3962	-48.83181	310.6591	-62.23299	267.8798	2
317.8895	3	0	-144.9669	-169.477	47.99548	-324.7725	62.12661	-279.577	3
0.391745	3	6.56168	3.242367	3.756542	5.626413	0.5427868	5.320985	-0.457434	3
318.5983	3	13.12336	151.0509	176.5258	-37.43802	325.791	-52.14225	278.7187	3
325.3631	4	0	-159.5295	-186.3431	28.3867	-332.868	43.88782	-283.182	4
1.107062	4	6.56168	2.659234	3.07869	3.819924	1.238355	3.570128	0.418723	4
327.3794	4	13.12336	164.5335	192.1365	-21.19856	335.1983	-37.16974	283.97	4
330.3236	5	0	-171.8928	-200.6584	10.38945	-338.3889	27.05249	-284.8917	5
1.505114	5	6.56168	2.322976	2.689993	2.801586	1.617452	2.583189	0.901275	5
333.0832	5	13.12336	176.2774	205.7357	-5.10155	341.4418	-22.1768	286.5928	5
332.8685	6	0	-182.7002	-213.1749	-7.137009	-341.4225	10.54259	-284.5929	6
1.861968	6	6.56168	2.017781	2.337151	1.880521	1.958297	1.690639	1.336033	6
336.3055	6	13.12336	186.521	217.6004	10.69789	345.1307	-7.341266	287.1227	6
333.1768	7	0	-192.1106	-224.0764	-24.30972	-342.1541	-5.744021	-282.4218	7
2.211193	7	6.56168	1.74586	2.022849	1.028485	2.293417	0.863985	1.754804	7
337.2861	7	13.12336	195.4277	227.9199	26.26385	346.5116	7.385601	285.756	7
331.4375	8	0	-200.2734	-233.5362	-41.21558	-340.7811	-21.88018	-278.53	8
-2.55297	8	6.56168	1.502902	1.742106	0.2374419	2.622652	0.095597	2.158756	8
336.2141	8	13.12336	203.1392	236.8581	41.66833	345.782	22.06246	282.6463	8
327.8189	9	0	-207.3188	-241.7049	-57.92753	-337.478	-37.92656	-273.0516	9
-2.88465	9	6.56168	1.284961	1.490361	-0.4975637	2.943458	-0.619115	2.546557	9
333.2525	9	13.12336	209.7782	244.5574	56.9752	343.1117	36.74159	277.9257	9
322.4662	10	0	-213.3586	-248.7124	-74.50949	-332.3941	-53.9365	-266.1014	10
3.202319	10	6.56168	1.088531	1.263564	-1.17894	3.251579	-1.282233	2.91503	10
328.5386	10	13.12336	215.4502	251.1403	72.2442	338.6419	51.47274	271.7025	10
315.5159	11	0	-218.4889	-254.6699	-91.00187	-325.6716	-69.94134	-257.792	11
3.502123	11	6.56168	0.9104503	1.058063	-1.808513	3.542833	-1.895287	3.260962	11
-322.201	11	13.12336	220.2454	256.7112	87.51268	332.5068	66.28473	264.0834	11
307.084	12	0	-222.791	-259.672	-107.4407	-317.4294	-85.96931	-248.2172	12
3.781594	12	6.56168	0.7478511	0.8705505	-2.389195	3.814685	-2.460925	3.582701	12
314.3499	12	13.12336	224.2399	261.3587	102.8116	324.8204	81.20127	255.1586	12
297.2717	13	0	-226.3331	-263.7981	-123.8517	-307.7718	-102.0397	-237.4599	13
4.038287	13	6.56168	0.5981281	0.6980209	-2.923235	4.064435	-2.981154	3.878346	13
-305.081	13	13.12336	227.4971	265.1564	118.163	315.6813	96.2383	245.0073	13
286.1659	14	0	-229.1711	-267.1131	-140.2524	-296.7879	-118.1647	-225.592	14
4.269784	14	6.56168	0.4587288	0.5375277	-3.412873	4.289473	-3.457977	4.14607	14
294.4753	14	13.12336	230.0679	268.1639	133.5806	305.1734	111.4047	233.6972	14
273.8416	15	0	-231.351	-269.6708	-156.6538	-284.5541	-134.3507	-212.6758	15
4.475778	15	6.56168	0.3285652	0.3877546	-3.859424	4.489008	-3.892589	4.385437	15
282.6062	15	13.12336	231.9963	270.4324	149.0734	293.371	126.7052	221.2893	15
260.3487	16	0	-232.8984	-271.5019	-173.0527	-271.1234	-150.5918	-198.7557	16
4.662493	16	6.56168	0.2195822	0.2656789	-4.251531	4.676374	-4.275739	4.605113	16
269.5346	16	13.12336	233.3317	272.0263	164.6614	280.3531	142.1528	207.8448	16
245.6673	17	0	-233.7422	-272.5027	-189.3715	-256.4245	-166.8239	-183.7894	17
4.236045	17	6.56168	-0.5951804	-0.7326393	-5.307208	4.147846	-5.237681	4.344911	17
254.0627	17	13.12336	232.5616	271.0494	178.8441	264.6523	156.4344	192.408	17
234.1213	18	0	-239.0249	-279.0736	-210.5591	-245.5698	-187.3732	-171.1642	18
16.95918	18	6.56168	12.98965	15.59079	7.661553	17.39191	6.268803	13.21567	18
267.9275	18	13.12336	264.9252	310.1603	225.8356	280.2479	199.8726	197.5152	18

P aksial Kolom Portal Tengah Arah-X (kip)

Elemen	Station	D+L	D+E	D-E	D+L+E	D+L-E	Lantai
37	0	-1112.547	-1150.537	-624.4601	-1375.586	-849.5089	1
37	6.56168	-1112.051	-1150.04	-623.9633	-1375.089	-849.012	1
37	13.12336	-1111.554	-1149.543	-623.4663	-1374.592	-848.5151	1
38	0	-1060.594	-1088.429	-603.4621	-1303.078	-818.1111	2
38	6.56168	-1060.098	-1087.932	-602.9652	-1302.581	-817.6142	2
38	13.12336	-1059.601	-1087.435	-602.4683	-1302.084	-817.1173	2
39	0	-1005.636	-1021.932	-582.104	-1225.55	-785.7217	3
39	6.56168	-1005.139	-1021.436	-581.6071	-1225.053	-785.2248	3
39	13.12336	-1004.642	-1020.939	-581.1102	-1224.556	-784.7279	3
40	0	-948.6744	-954.0886	-558.9207	-1146.258	-751.0905	4
40	6.56168	-948.1775	-953.5917	-558.4238	-1145.761	-750.5936	4
40	13.12336	-947.6806	-953.0947	-557.9268	-1145.265	-750.0967	4
41	0	-889.9213	-885.413	-533.7322	-1065.762	-714.0808	5
41	6.56168	-889.4243	-884.9161	-533.2352	-1065.265	-713.5839	5
41	13.12336	-888.9274	-884.4192	-532.7383	-1064.768	-713.087	5
42	0	-829.6044	-816.2451	-506.5605	-984.4467	-674.7621	6
42	6.56168	-829.1075	-815.7481	-506.0636	-983.9497	-674.2652	6
42	13.12336	-828.6105	-815.2512	-505.5667	-983.4528	-673.7682	6
43	0	-767.9251	-746.8744	-477.435	-902.6448	-633.2054	7
43	6.56168	-767.4282	-746.3774	-476.9381	-902.1478	-632.7085	7
43	13.12336	-766.9312	-745.8806	-476.4412	-901.6509	-632.2115	7
44	0	-705.0627	-677.5646	-446.3765	-820.6567	-589.4686	8
44	6.56168	-704.5657	-677.0677	-445.8795	-820.1599	-588.9717	8
44	13.12336	-704.0688	-676.5708	-445.3826	-819.6629	-588.4747	8
45	0	-641.1777	-608.5574	-413.3978	-738.7574	-543.5978	9
45	6.56168	-640.6807	-608.0604	-412.9008	-738.2606	-543.1009	9
45	13.12336	-640.1838	-607.5635	-412.4039	-737.7636	-542.604	9
46	0	-576.4141	-540.0754	-378.5047	-657.1995	-495.6287	10
46	6.56168	-575.9172	-539.5786	-378.0078	-656.7026	-495.1318	10
46	13.12336	-575.4202	-539.0816	-377.5109	-656.2056	-494.6349	10
47	0	-510.9021	-472.3247	-341.6978	-576.2156	-445.5886	11
47	6.56168	-510.4051	-471.8278	-341.2008	-575.7186	-445.0916	11
47	13.12336	-509.9082	-471.3309	-340.7039	-575.2217	-444.5948	11
48	0	-444.7597	-405.4963	-302.9734	-496.0211	-393.4982	12
48	6.56168	-444.2627	-404.9994	-302.4765	-495.5242	-393.0013	12
48	13.12336	-443.7658	-404.5025	-301.9796	-495.0273	-392.5044	12
49	0	-378.0948	-339.7682	-262.3252	-416.8164	-339.3734	13
49	6.56168	-377.598	-339.2713	-261.8283	-416.3195	-338.8765	13
49	13.12336	-377.101	-338.7744	-261.3314	-415.8225	-338.3795	13
50	0	-311.0074	-275.3073	-219.7448	-338.7887	-283.2261	14
50	6.56168	-310.5105	-274.8104	-219.2479	-338.2917	-282.7292	14
50	13.12336	-310.0135	-274.3135	-218.7509	-337.7948	-282.2323	14
51	0	-243.5901	-212.2709	-175.2225	-262.1143	-225.066	15
51	6.56168	-243.0932	-211.774	-174.7256	-261.6174	-224.569	15
51	13.12336	-242.5963	-211.2771	-174.2287	-261.1205	-224.0721	15
52	0	-175.931	-150.8087	-128.7488	-186.961	-164.9011	16
52	6.56168	-175.4341	-150.3118	-128.2519	-186.4641	-164.4041	16
52	13.12336	-174.9372	-149.8149	-127.755	-185.9671	-163.9072	16
53	0	-108.1182	-91.06683	-80.31718	-113.493	-102.7434	17
53	6.56168	-107.6213	-90.56991	-79.82026	-112.9961	-102.2464	17
53	13.12336	-107.1243	-90.07299	-79.32333	-112.4992	-101.7495	17
54	0	-40.05832	-33.07034	-29.76989	-41.70855	-38.4081	18
54	6.56168	-39.5614	-32.57342	-29.27297	-41.21163	-37.91117	18
54	13.12336	-39.06448	-32.0765	-28.77605	-40.71471	-37.41425	18

P aksial kolom eksterior portal tengah -X

Elemen	Station	1.4D	1.2D+1.6L	1.2D+0.5L+E	1.2D+0.5L-E	0.9D+E	0.9D-E	Lantai
1	0	-1242.416	-1424.981	-914.2742	-1440.615	-801.7575	-1061.866	1
1	6.56168	-1241.72	-1424.385	-913.6779	-1440.019	-801.1612	-1061.419	1
1	13.12336	-1241.024	-1423.788	-913.0815	-1439.422	-800.5649	-1060.972	1
2	0	-1184.221	-1358.453	-879.7518	-1364.97	-772.437	-1003.894	2
2	6.56168	-1183.525	-1357.857	-879.1555	-1364.374	-771.8407	-1003.447	2
2	13.12336	-1182.829	-1357.261	-878.5591	-1363.777	-771.2444	-1002.999	2
3	0	-1122.722	-1288.09	-844.1155	-1284.149	-742.3164	-941.7667	3
3	6.56168	-1122.026	-1287.494	-843.5192	-1283.553	-741.7201	-941.3195	3
3	13.12336	-1121.331	-1286.898	-842.9229	-1282.957	-741.1238	-940.8723	3
4	0	-1059.006	-1215.16	-806.1292	-1201.46	-710.0538	-878.4547	4
4	6.56168	-1058.31	-1214.564	-805.533	-1200.864	-709.4576	-878.0075	4
4	13.12336	-1057.614	-1213.968	-804.9366	-1200.267	-708.8613	-877.5602	4
5	0	-993.304	-1139.932	-765.6641	-1117.473	-675.499	-814.457	5
5	6.56168	-992.6083	-1139.335	-765.0678	-1116.877	-674.9027	-814.0097	5
5	13.12336	-991.9126	-1138.739	-764.4715	-1116.28	-674.3064	-813.5625	5
6	0	-925.8697	-1062.697	-722.8021	-1032.587	-638.7102	-750.0943	6
6	6.56168	-925.1741	-1062.1	-722.2059	-1031.991	-638.114	-749.6472	6
6	13.12336	-924.4784	-1061.504	-721.6096	-1031.394	-637.5176	-749.1999	6
7	0	-856.9263	-983.7136	-677.6258	-947.144	-599.7491	-685.6403	7
7	6.56168	-856.2306	-983.1172	-677.0295	-946.5477	-599.1528	-685.1931	7
7	13.12336	-855.5349	-982.5209	-676.4332	-945.9514	-598.5565	-684.7458	7
8	0	-786.6728	-903.2124	-630.2032	-861.4546	-558.6653	-621.3439	8
8	6.56168	-785.9772	-902.6161	-629.607	-860.8583	-558.069	-620.8967	8
8	13.12336	-785.2815	-902.0198	-629.0107	-860.262	-557.4727	-620.4495	8
9	0	-715.2875	-821.3991	-580.5899	-775.8019	-515.4976	-557.4336	9
9	6.56168	-714.5917	-820.8028	-579.9936	-775.2056	-514.9012	-556.9864	9
9	13.12336	-713.8961	-820.2065	-579.3973	-774.6093	-514.3049	-556.5391	9
10	0	-642.9302	-738.4586	-528.8298	-690.446	-470.2749	-494.1205	10
10	6.56168	-642.2346	-737.8622	-528.2335	-689.8497	-469.6786	-493.6732	10
10	13.12336	-641.5389	-737.2659	-527.6371	-689.2534	-469.0823	-493.226	10
11	0	-569.7457	-654.5576	-474.9576	-605.6269	-423.0188	-431.5998	11
11	6.56168	-569.05	-653.9612	-474.3613	-605.0306	-422.4225	-431.1526	11
11	13.12336	-568.3543	-653.3649	-473.765	-604.4343	-421.8262	-430.7053	11
12	0	-495.8651	-569.8476	-419.0011	-521.5661	-373.7447	-370.0529	12
12	6.56168	-495.1694	-569.2513	-418.4048	-520.9698	-373.1484	-369.6057	12
12	13.12336	-494.4737	-568.655	-417.8085	-520.3735	-372.5521	-369.1585	12
13	0	-421.4086	-484.4672	-360.9824	-438.4697	-322.4637	-309.6491	13
13	6.56168	-420.7129	-483.8709	-360.3861	-437.8734	-321.8674	-309.2019	13
13	13.12336	-420.0172	-483.2746	-359.7898	-437.2771	-321.2711	-308.7547	13
14	0	-346.4871	-398.5441	-300.9195	-356.5303	-269.1835	-250.5471	14
14	6.56168	-345.7914	-397.9478	-300.3232	-355.9341	-268.5872	-250.0999	14
14	13.12336	-345.0957	-397.3515	-299.7269	-355.3377	-267.9909	-249.6527	14
15	0	-271.204	-312.1975	-238.8272	-275.9296	-213.9094	-192.8966	15
15	6.56168	-270.5084	-311.6013	-238.2309	-275.3333	-213.3131	-192.4494	15
15	13.12336	-269.8127	-311.0049	-237.6346	-274.737	-212.7168	-192.0022	15
16	0	-195.6574	-225.5401	-174.7191	-196.8397	-156.6461	-136.8401	16
16	6.56168	-194.9617	-224.9437	-174.1228	-196.2434	-156.0498	-136.3928	16
16	13.12336	-194.2661	-224.3474	-173.5265	-195.6471	-155.4535	-135.9456	16
17	0	-119.9451	-138.6848	-108.6104	-119.4315	-97.39954	-82.51817	17
17	6.56168	-119.2495	-138.0885	-108.0141	-118.8352	-96.80324	-82.07094	17
17	13.12336	-118.5538	-137.4922	-107.4178	-118.2389	-96.20693	-81.62371	17
18	0	-43.97392	-51.50874	-40.33613	-43.68323	-36.01838	-29.9425	18
18	6.56168	-43.27822	-50.91244	-39.73983	-43.08693	-35.42207	-29.49527	18
18	13.12336	-42.58253	-50.31613	-39.14352	-42.49062	-34.82576	-29.04804	18

P aksial Kolom Portal Tengah Arah-X (kip)

Elemen	Station	D+L	D+E	D-E	D+L+E	D+L-E	Lantai
19	0	-1611.505	-1282.753	-1282.49	-1611.637	-1611.374	1
19	6.56168	-1611.008	-1282.256	-1281.993	-1611.14	-1610.877	1
19	13.12336	-1610.511	-1281.759	-1281.496	-1610.643	-1610.38	1
20	0	-1496.771	-1191.469	-1191.218	-1496.897	-1496.646	2
20	6.56168	-1496.275	-1190.972	-1190.721	-1496.4	-1496.149	2
20	13.12336	-1495.778	-1190.475	-1190.224	-1495.903	-1495.652	2
21	0	-1388.03	-1104.901	-1104.696	-1388.133	-1387.927	3
21	6.56168	-1387.533	-1104.405	-1104.199	-1387.636	-1387.431	3
21	13.12336	-1387.036	-1103.908	-1103.702	-1387.139	-1386.934	3
22	0	-1283.292	-1021.506	-1021.343	-1283.373	-1283.211	4
22	6.56168	-1282.795	-1021.009	-1020.846	-1282.876	-1282.714	4
22	13.12336	-1282.298	-1020.512	-1020.35	-1282.379	-1282.217	4
23	0	-1182.137	-940.9514	-940.8235	-1182.201	-1182.073	5
23	6.56168	-1181.64	-940.4546	-940.3267	-1181.704	-1181.576	5
23	13.12336	-1181.143	-939.9577	-939.8298	-1181.207	-1181.079	5
24	0	-1084.109	-862.8755	-862.7753	-1084.159	-1084.059	6
24	6.56168	-1083.612	-862.3786	-862.2784	-1083.662	-1083.562	6
24	13.12336	-1083.115	-861.8817	-861.7814	-1083.165	-1083.065	6
25	0	-988.8051	-786.959	-786.8801	-988.8445	-988.7656	7
25	6.56168	-988.3081	-786.462	-786.3832	-988.3475	-988.2687	7
25	13.12336	-987.8112	-785.9652	-785.8863	-987.8507	-987.7718	7
26	0	-895.8672	-712.9172	-712.8539	-895.8988	-895.8356	8
26	6.56168	-895.3703	-712.4202	-712.3571	-895.4019	-895.3387	8
26	13.12336	-894.8734	-711.9233	-711.8601	-894.905	-894.8418	8
27	0	-804.9742	-640.495	-640.4427	-805.0004	-804.9481	9
27	6.56168	-804.4773	-639.998	-639.9457	-804.5034	-804.4511	9
27	13.12336	-803.9803	-639.5011	-639.4488	-804.0065	-803.9542	9
28	0	-715.8378	-569.4636	-569.418	-715.8606	-715.815	10
28	6.56168	-715.3409	-568.9667	-568.9211	-715.3637	-715.3181	10
28	13.12336	-714.844	-568.4698	-568.4242	-714.8668	-714.8212	10
29	0	-628.1979	-499.6163	-499.5739	-628.2191	-628.1768	11
29	6.56168	-627.701	-499.1193	-499.077	-627.7222	-627.6798	11
29	13.12336	-627.2041	-498.6224	-498.58	-627.2253	-627.1829	11
30	0	-541.8184	-430.7651	-430.723	-541.8394	-541.7973	12
30	6.56168	-541.3214	-430.2682	-430.2261	-541.3425	-541.3004	12
30	13.12336	-540.8245	-429.7713	-429.7292	-540.8456	-540.8035	12
31	0	-456.483	-362.7383	-362.6941	-456.5051	-456.4608	13
31	6.56168	-455.9861	-362.2414	-362.1971	-456.0082	-455.9639	13
31	13.12336	-455.4891	-361.7445	-361.7002	-455.5113	-455.467	13
32	0	-371.9925	-295.3772	-295.3289	-372.0167	-371.9683	14
32	6.56168	-371.4956	-294.8803	-294.8319	-371.5197	-371.4714	14
32	13.12336	-370.9986	-294.3834	-294.335	-371.0228	-370.9745	14
33	0	-288.161	-228.5337	-228.4797	-288.188	-288.134	15
33	6.56168	-287.6641	-228.0368	-227.9828	-287.6911	-287.6371	15
33	13.12336	-287.1672	-227.5398	-227.4859	-287.1942	-287.1402	15
34	0	-204.8128	-162.0676	-162.007	-204.8432	-204.7825	16
34	6.56168	-204.3159	-161.5707	-161.5101	-204.3462	-204.2856	16
34	13.12336	-203.819	-161.0738	-161.0132	-203.8493	-203.7887	16
35	0	-121.7715	-95.84079	-95.76929	-121.8073	-121.7358	17
35	6.56168	-121.2746	-95.34386	-95.27237	-121.3103	-121.2388	17
35	13.12336	-120.7777	-94.84695	-94.77544	-120.8134	-120.7419	17
36	0	-39.22401	-29.96618	-29.91953	-39.24734	-39.20069	18
36	6.56168	-38.72709	-29.46925	-29.42261	-38.75042	-38.70377	18
36	13.12336	-38.23017	-28.97233	-28.92569	-38.25349	-38.20685	18

P aksial Kolom Interior Portal Tengah-X (kip)

Elemen	Station	PD	PL	1.2PD+0.5PL	Lantai
19	0	-1282.621	-328.884	-1703.5872	1
19	6.56168	-1282.124	-328.884	-1702.9908	1
19	13.12336	-1281.627	-328.884	-1702.3944	1
20	0	-1191.343	-305.4281	-1582.32565	2
20	6.56168	-1190.846	-305.4281	-1581.72925	2
20	13.12336	-1190.349	-305.4281	-1581.13285	2
21	0	-1104.799	-283.2312	-1467.3744	3
21	6.56168	-1104.302	-283.2312	-1466.778	3
21	13.12336	-1103.805	-283.2312	-1466.1816	3
22	0	-1021.425	-261.8671	-1356.64355	4
22	6.56168	-1020.928	-261.8671	-1356.04715	4
22	13.12336	-1020.431	-261.8671	-1355.45075	4
23	0	-940.8875	-241.2493	-1249.68965	5
23	6.56168	-940.3907	-241.2493	-1249.09349	5
23	13.12336	-939.8937	-241.2493	-1248.49709	5
24	0	-862.8254	-221.2832	-1146.03208	6
24	6.56168	-862.3285	-221.2832	-1145.4358	6
24	13.12336	-861.8315	-221.2832	-1144.8394	6
25	0	-786.9196	-201.8855	-1045.24627	7
25	6.56168	-786.4226	-201.8855	-1044.64987	7
25	13.12336	-785.9257	-201.8855	-1044.05359	7
26	0	-712.8856	-182.9817	-946.95357	8
26	6.56168	-712.3886	-182.9817	-946.35717	8
26	13.12336	-711.8917	-182.9817	-945.76089	8
27	0	-640.4688	-164.5054	-850.81526	9
27	6.56168	-639.9719	-164.5054	-850.21898	9
27	13.12336	-639.475	-164.5054	-849.6227	9
28	0	-569.4408	-146.397	-756.52746	10
28	6.56168	-568.9439	-146.397	-755.93118	10
28	13.12336	-568.447	-146.397	-755.3349	10
29	0	-499.5951	-128.6029	-663.81557	11
29	6.56168	-499.0981	-128.6029	-663.21917	11
29	13.12336	-498.6012	-128.6029	-662.62289	11
30	0	-430.7441	-111.0743	-572.43007	12
30	6.56168	-430.2472	-111.0743	-571.83379	12
30	13.12336	-429.7502	-111.0743	-571.23739	12
31	0	-362.7162	-93.76677	-482.142825	13
31	6.56168	-362.2193	-93.76677	-481.546545	13
31	13.12336	-361.7224	-93.76677	-480.950265	13
32	0	-295.353	-76.63945	-392.743325	14
32	6.56168	-294.8561	-76.63945	-392.147045	14
32	13.12336	-294.3592	-76.63945	-391.550765	14
33	0	-228.5067	-59.65432	-304.0352	15
33	6.56168	-228.0098	-59.65432	-303.43892	15
33	13.12336	-227.5129	-59.65432	-302.84264	15
34	0	-162.0373	-42.77554	-215.83253	16
34	6.56168	-161.5404	-42.77554	-215.23625	16
34	13.12336	-161.0435	-42.77554	-214.63997	16
35	0	-95.80504	-25.96647	-127.949283	17
35	6.56168	-95.30811	-25.96647	-127.352967	17
35	13.12336	-94.8112	-25.96647	-126.756675	17
36	0	-29.94285	-9.281162	-40.572001	18
36	6.56168	-29.44593	-9.281162	-39.975697	18
36	13.12336	-28.94901	-9.281162	-39.379393	18

Geser Balok Portal Tengah

Lantai	Mpb (k.in)	Lc (in)	1.2VD+0.5VL	Vu (kip)
18	3960	317.02	40.82	65.802651
17	8784	317.02	70.82	126.23606
16	8784	317.02	70.6	126.01606
15	8784	317.02	70.4	125.81606
14	8784	317.02	70.15	125.56606
13	8784	317.02	69.8	125.21606
12	8784	317.02	69.39	124.80606
11	8784	317.02	68.82	124.23606
10	10008	317.02	68.15	131.28797
9	10008	317.02	67.36	130.49797
8	10008	317.02	66.44	129.57797
7	10008	317.02	65.36	128.49797
6	10008	317.02	64.11	127.24797
5	10008	317.02	62.68	125.81797
4	10008	317.02	61.03	124.16797
3	8784	317.02	59.14	114.55606
2	8784	317.02	57.03	112.44606
1	8784	317.02	53.89	109.30606

Geser Balok Portal Tepi

Lantai	Mpb (k.in)	Lc (in)	1.2VD+0.5VL	Vu (kip)
18	2304	322.25	17.3	31.599457
17	5184	322.25	36.17	68.343778
16	5184	322.25	36.17	68.343778
15	5184	322.25	36.11	68.283778
14	5184	322.25	36	68.173778
13	5184	322.25	35.85	68.023778
12	5184	322.25	35.63	67.803778
11	5184	322.25	35.39	67.563778
10	6192	322.25	35.04	73.469791
9	6192	322.25	34.64	73.069791
8	7056	322.25	34.18	77.972087
7	7056	322.25	33.64	77.432087
6	7056	322.25	33	76.792087
5	7056	322.25	32.27	76.062087
4	7056	322.25	31.43	75.222087
3	7056	322.25	30.47	74.262087
2	7056	322.25	29.39	73.182087
1	5760	322.25	27.79	63.538642

Kolom Eksterior, Portal Tepi

Lantai	Mpb (k.in)	L (in)	Lc (in)	h (in)	hc (in)	(2Mpb)/L	1.2PD+0.5PL	Pu (Kip)	Mu (K.ft)
18	2304	354.33	336.12	157.476	139.051	13.00482601	14.499	27.503826	89.36028475
17	5184	354.33	336.12	157.476	136.486	29.26085852	55.89	98.1556845	197.3517818
16	5184	354.33	336.12	157.476	136.486	29.26085852	93.24	164.766543	197.3517818
15	5184	354.33	336.12	157.476	136.486	29.26085852	130.54	231.327402	197.3517818
14	5184	354.33	336.12	157.476	136.416	29.26085852	167.74	297.78826	197.2505653
13	5184	354.33	336.12	157.476	136.346	29.26085852	204.79	364.099119	197.1493489
12	5184	354.33	336.12	157.476	136.346	29.26085852	241.62	417.185151	197.1493489
11	5184	354.33	336.12	157.476	136.291	29.26085852	278.18	496.010836	197.0698217
10	6192	354.33	336.12	157.476	136.236	34.9504699	314.42	567.201306	235.2939629
9	6192	354.33	336.12	157.476	136.141	34.9504699	350.26	637.991775	235.1298879
8	7056	354.33	336.12	157.476	136.046	39.82727965	385.64	713.199055	267.7517402
7	7056	354.33	336.12	157.476	136.046	39.82727965	420.48	787.866335	267.7517402
6	7056	354.33	336.12	157.476	136.046	39.82727965	454.68	861.893614	267.7517402
5	7056	354.33	336.12	157.476	136.046	39.82727965	488.15	935.190894	267.7517402
4	7056	354.33	336.12	157.476	136.046	39.82727965	520.79	1007.65817	267.7517402
3	7056	354.33	336.12	157.476	136.046	39.82727965	552.45	1079.14545	267.7517402
2	7056	354.33	336.12	157.476	136.196	39.82727965	583.04	1149.56273	268.0469548
1	5760	354.33	336.12	157.476	146.911	32.51206502	612.01	1211.0448	236.0286656

Kolom Interior, Portal Tepi

Lantai	Mpb (k.in)	L (in)	Lc (in)	h (in)	hc (in)	Pu=1.2PD+0.5PL	Mu (k.ft)
18	2304	354.33	336.12	157.476	139.051	11.6	178.7205695
17	5184	354.33	336.12	157.476	136.486	57.86	394.7035635
16	5184	354.33	336.12	157.476	136.486	104.12	394.7035635
15	5184	354.33	336.12	157.476	136.486	150.5	394.7035635
14	5184	354.33	336.12	157.476	136.416	197.1	394.5011307
13	5184	354.33	336.12	157.476	136.346	244.02	394.2986978
12	5184	354.33	336.12	157.476	136.346	291.35	394.2986978
11	5184	354.33	336.12	157.476	136.291	339.22	394.1396434
10	6192	354.33	336.12	157.476	136.236	387.74	470.5879258
9	6192	354.33	336.12	157.476	136.141	437.05	470.2597758
8	7056	354.33	336.12	157.476	136.046	487.3	535.5034804
7	7056	354.33	336.12	157.476	136.046	538.61	535.5034804
6	7056	354.33	336.12	157.476	136.046	591.2	535.5034804
5	7056	354.33	336.12	157.476	136.046	645.255	535.5034804
4	7056	354.33	336.12	157.476	136.046	700.98	535.5034804
3	7056	354.33	336.12	157.476	136.046	758.65	535.5034804
2	7056	354.33	336.12	157.476	136.196	818.47	536.0939096
1	5760	354.33	336.12	157.476	146.911	881.52	472.0573312

Kolom Eksterior, Portal Tengah

Lantai	Mpb (k.in)	L (in)	Lc (in)	h (in)	hc (in)	(2Mpb)/L	1.2PD+0.5PL	Pu (Kip)	Mu (K.ft)
18	3960	354.33	336.12	157.476	147.061	22.3520447	42.02	64.3720447	162.4353893
17	8784	354.33	336.12	157.476	130.661	49.58089916	114.04	185.972944	320.1299137
16	8784	354.33	336.12	157.476	130.661	49.58089916	185.81	307.323843	320.1299137
15	8784	354.33	336.12	157.476	130.661	49.58089916	257.42	428.514742	320.1299137
14	8784	354.33	336.12	157.476	130.661	49.58089916	328.77	549.445641	320.1299137
13	8784	354.33	336.12	157.476	130.661	49.58089916	399.78	670.036541	320.1299137
12	8784	354.33	336.12	157.476	130.661	49.58089916	470.34	767.825395	320.1299137
11	8784	354.33	336.12	157.476	130.556	49.58089916	540.36	909.778339	319.8726553
10	10008	354.33	336.12	157.476	130.556	56.48971298	609.71	1035.61805	364.4450745
9	10008	354.33	336.12	157.476	130.556	56.48971298	678.27	1160.66776	364.4450745
8	10008	354.33	336.12	157.476	130.556	56.48971298	745.91	1284.79748	364.4450745
7	10008	354.33	336.12	157.476	130.556	56.48971298	812.47	1407.84719	364.4450745
6	10008	354.33	336.12	157.476	130.556	56.48971298	877.78	1529.6469	364.4450745
5	10008	354.33	336.12	157.476	130.556	56.48971298	941.66	1650.01662	364.4450745
4	10008	354.33	336.12	157.476	130.661	56.48971298	1003.9	1768.74633	364.7381804
3	8784	354.33	336.12	157.476	130.766	49.58089916	1064.23	1878.65723	320.3871721
2	8784	354.33	336.12	157.476	130.766	49.58089916	1122.46	1986.46813	320.3871721
1	8784	354.33	336.12	157.476	144.121	49.58089916	1177.53	2091.11903	353.1079916

Kolom Interior, Portal Tengah

antai	Mpb (k.in)	L (in)	Lc (in)	h (in)	hc (in)	Pu=1.2PD+0.5PL	Mu (k.ft)
18	3960	354.33	336.12	157.476	147.061	40.57	324.8707785
17	8784	354.33	336.12	157.476	130.661	127.96	640.2598274
16	8784	354.33	336.12	157.476	130.661	215.83	640.2598274
15	8784	354.33	336.12	157.476	130.661	304.03	640.2598274
14	8784	354.33	336.12	157.476	130.661	392.74	640.2598274
13	8784	354.33	336.12	157.476	130.661	482.14	640.2598274
12	8784	354.33	336.12	157.476	130.661	572.43	640.2598274
11	8784	354.33	336.12	157.476	130.556	663.81	639.7453106
10	10008	354.33	336.12	157.476	130.556	756.53	728.890149
9	10008	354.33	336.12	157.476	130.556	850.81	728.890149
8	10008	354.33	336.12	157.476	130.556	946.95	728.890149
7	10008	354.33	336.12	157.476	130.556	1045.25	728.890149
6	10008	354.33	336.12	157.476	130.556	1146.03	728.890149
5	10008	354.33	336.12	157.476	130.556	1249.7	728.890149
4	10008	354.33	336.12	157.476	130.661	1356.64	729.4763608
3	8784	354.33	336.12	157.476	130.766	1467.37	640.7743442
2	8784	354.33	336.12	157.476	130.766	1582.32	640.7743442
1	8784	354.33	336.12	157.476	144.121	1703.6	706.2159833

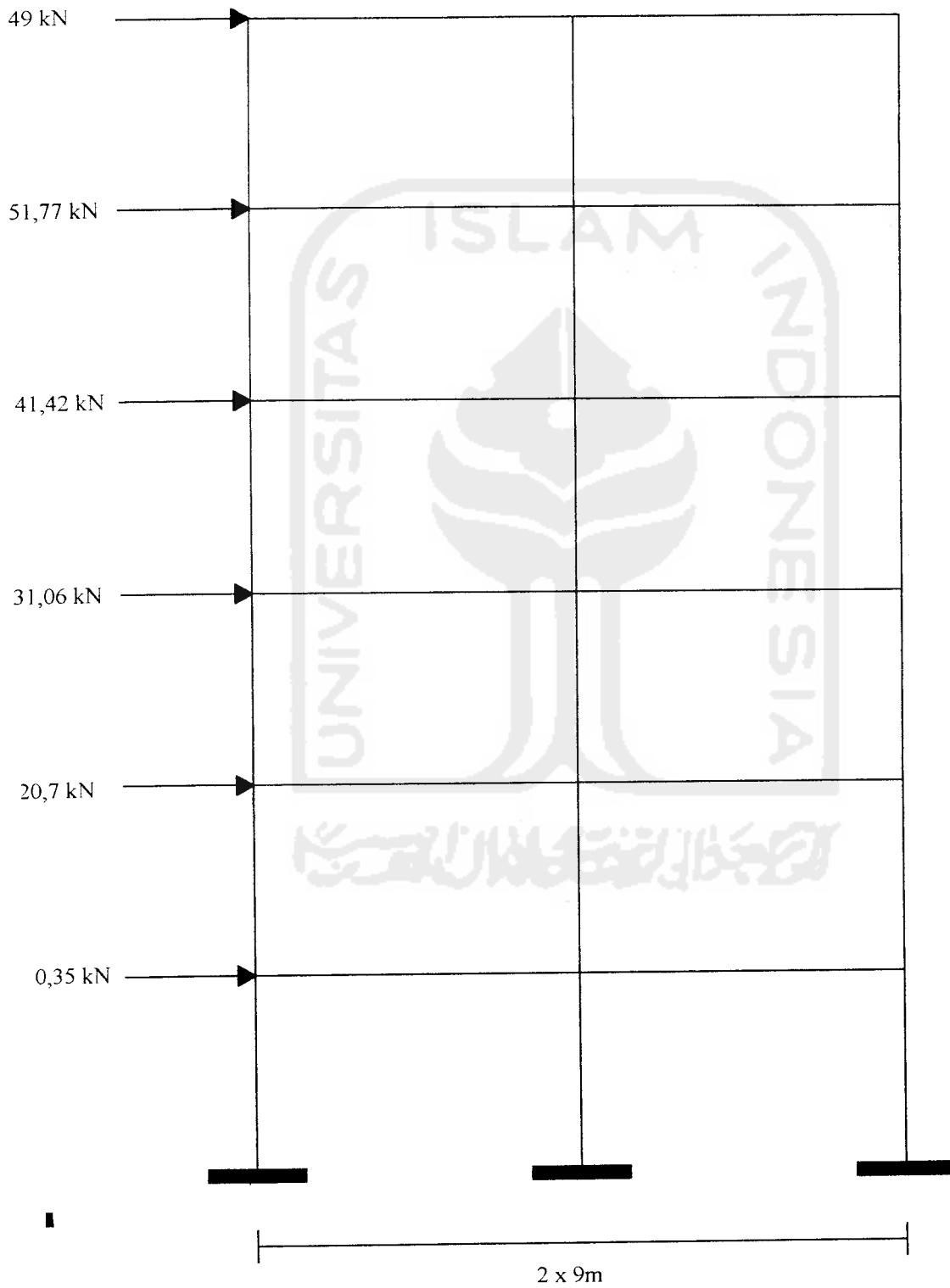


**LAMPIRAN
PORTAL 6 LANTAI**

Momen Kolom Portal Tengah Arah-X (k.ft)

Elemen	Station	D+L	D+E	D-E	D+L+E	D+L-E	Lantai
19	0	0.023289	286.3228	-286.286	286.3277	-286.2811	1
19	6.56168	0.025705	32.98094	-32.9406	32.98647	-32.93506	1
19	13.12336	0.021738	-228.5491	228.5829	-228.5443	228.5877	1
20	0	-0.025585	311.9339	-311.9738	311.9283	-311.9794	2
20	6.56168	-0.009265	7.960996	-7.975477	7.958972	-7.977502	2
20	13.12336	0.009197	-297.8531	297.8673	-297.851	297.8694	2
21	0	0.082665	303.968	-303.8383	303.9858	-303.8205	3
21	6.56168	0.007352	2.847746	-2.836197	2.849324	-2.83462	3
21	13.12336	-0.069542	-298.885	298.7758	-298.9	298.7609	3
22	0	0.062495	296.576	-296.4778	296.5894	-296.4644	4
22	6.56168	-0.000806	2.028869	-2.03011	2.028683	-2.030296	4
22	13.12336	-0.063947	-292.9228	292.8223	-292.9365	292.8086	4
23	0	0.061457	286.9956	-286.8989	287.0087	-286.8858	5
23	6.56168	-0.000596	1.457226	-1.458146	1.457091	-1.458282	5
23	13.12336	-0.062538	-284.3495	284.2511	-284.3628	284.2378	5
24	0	0.056669	275.7052	-275.616	275.7172	-275.6039	6
24	6.56168	-0.001077	0.957722	-0.959404	0.957486	-0.95964	6
24	13.12336	-0.058641	-273.9518	273.8596	-273.9644	273.8471	6
25	0	0.051464	262.7603	-262.6793	262.7712	-262.6683	7
25	6.56168	-0.001328	0.485971	-0.488051	0.485684	-0.488339	7
25	13.12336	-0.053914	-261.8635	261.7787	-261.875	261.7672	7
26	0	0.045832	248.2631	-248.191	248.2729	-248.1812	8
26	6.56168	-0.001494	0.041286	-0.043632	0.040965	-0.043954	8
26	13.12336	-0.048611	-248.1864	248.1098	-248.1967	248.0995	8
27	0	0.040078	232.2994	-232.2363	232.3079	-232.2277	9
27	6.56168	-0.001581	-0.376554	0.37407	-0.376893	0.373732	9
27	13.12336	-0.043039	-233.0048	232.9371	-233.014	232.9279	9
28	0	0.034417	214.9434	-214.8892	214.9508	-214.8819	10
28	6.56168	-0.001599	-0.766686	0.764172	-0.767028	0.76383	10
28	13.12336	-0.037434	-216.3903	216.3313	-216.3983	216.3234	10
29	0	0.029021	196.2754	-196.2297	196.2815	-196.2235	11
29	6.56168	-0.001562	-1.128129	1.125672	-1.128463	1.125338	11
29	13.12336	-0.031991	-198.4197	198.3693	-198.4265	198.3625	11
30	0	0.024034	176.3659	-176.3281	176.371	-176.323	12
30	6.56168	-0.001479	-1.460443	1.458116	-1.460758	1.457801	12
30	13.12336	-0.026865	-179.1615	179.1192	-179.1673	179.1135	12
31	0	0.019565	155.2801	-155.2492	155.2842	-155.2451	13
31	6.56168	-0.001358	-1.763146	1.761009	-1.763435	1.76072	13
31	13.12336	-0.022182	-158.6787	158.6437	-158.6834	158.639	13
32	0	0.015697	133.0775	-133.0528	133.0809	-133.0495	14
32	6.56168	-0.001207	-2.035851	2.03395	-2.036108	2.033693	14
32	13.12336	-0.018041	-137.0288	137.0004	-137.0327	136.9966	14
33	0	0.012487	109.812	-109.7923	109.8146	-109.7896	15
33	6.56168	-0.001027	-2.277617	2.276001	-2.277836	2.275782	15
33	13.12336	-0.014493	-114.2627	114.2399	-114.2658	114.2368	15
34	0	0.010019	85.53654	-85.52077	85.53867	-85.51864	16
34	6.56168	-0.000876	-2.494992	2.493613	-2.495178	2.493426	16
34	13.12336	-0.011742	-90.44502	90.42653	-90.44752	90.42403	16
35	0	0.008044	60.22324	-60.21058	60.22496	-60.20887	17
35	6.56168	-0.000218	-2.644224	2.643877	-2.644269	2.643832	17
35	13.12336	-0.008476	-65.4603	65.44695	-65.4621	65.44514	17
36	0	0.009988	34.19489	-34.17921	34.19704	-34.17706	18
36	6.56168	-0.003344	-3.408836	3.403589	-3.409556	3.402869	18
36	13.12336	-0.016655	-40.99135	40.96521	-40.99493	40.96163	18

Beban Gempa



Momen Balok Portal Tepi Arah - x (Kft)

Elemen	Station	D	1.4 D	1.2D + 1.6L	1.2D + 0.5L + E	1.2D + 0.5L - E	D + L	D + E	D - E	D + L + E	D + L - E	Lantai
4	0	-81.16499	-113.631	-132.0596	41.95113	-258.4106	-102.8285	69.01589	-231.3459	47.35238	-253.0094	1
4	14.76378	84.15998	117.824	142.0052	128.6618	98.95543	109.7932	99.01315	69.30681	124.6464	94.94005	1
4	29.52756	-127.6473	-178.7062	-208.2441	-290.8444	-49.92611	-162.0644	-248.1064	-7.188102	-282.5235	-41.60521	1
5	0	-127.6517	-178.7124	-208.2513	-50.13644	-290.6459	-162.07	-7.396959	-247.9064	-41.81525	-282.3247	1
5	14.76378	84.17292	117.8421	142.0262	99.09686	128.5549	109.8096	69.44392	99.90192	124.5386	95.08062	1
5	29.52756	-127.6473	-178.7062	-208.2441	-290.8444	-49.92611	-162.0644	-248.1064	-7.188102	-282.5235	-41.60521	1
9	0	-93.2862	-130.6007	-151.6588	25.1538	-273.8628	-233.4659	56.2221	-242.7945	31.39997	-267.6166	2
9	14.76378	83.73998	117.236	141.2997	126.5052	99.97802	109.2473	97.0036	70.47637	122.5109	95.98367	2
9	29.52756	-116.3899	-162.9459	-190.0947	-278.4184	-32.43414	-147.9066	-239.382	6.602214	-270.8887	-24.91453	2
10	0	-116.3877	-162.9428	-190.0911	-32.60542	-278.2412	-227.5668	18.06897	-227.5668	6.430203	-25.08595	2
10	14.76378	83.74093	117.2373	141.3012	100.1012	126.3846	109.2485	70.5992	96.88265	96.10674	122.3902	2
10	29.52756	-93.2794	-130.5912	-151.6478	-273.4433	24.75245	-118.0997	-242.3773	58.81849	-267.1976	30.99816	2
14	0	-98.19655	-137.4752	-159.547	-2.125207	-259.616	-124.266	30.54883	-226.9419	4.479376	-253.0114	3
14	14.76378	84.52464	118.3345	142.5631	125.749	102.8186	110.2331	95.99888	73.05941	121.6983	98.76784	3
14	29.52756	-109.9164	-153.883	-179.6898	-252.6633	-41.00488	-139.7852	-215.7456	-4.067203	-245.6144	-33.95599	3
15	0	-109.9113	-153.8759	-179.6815	-41.16007	-252.4946	-139.7788	-215.5786	-4.11152	-245.446	-34.11152	3
15	14.76378	84.52445	118.3342	142.5627	102.9405	125.8265	110.2328	73.18145	95.86745	98.88982	121.5758	3
15	29.52756	-98.19078	-137.4671	-159.5376	-259.2115	-2.514229	-124.2587	-226.5394	30.15789	-252.6074	4.089963	3
19	0	-101.9601	-142.7442	-165.6067	-37.17051	-234.5679	-128.9942	-3.261419	-200.6588	-30.29554	-227.6929	4
19	14.76378	84.9659	118.9523	143.2717	123.6899	106.0487	110.7863	93.78652	76.14526	119.6069	101.9657	4
19	29.52756	-105.2775	-147.3884	-172.2242	-221.7466	-59.60132	-133.9595	-186.3501	-24.20482	-215.0321	-52.88684	4
20	0	-105.2726	-147.3816	-172.2162	-59.76195	-221.573	-133.9533	-24.36707	-186.1781	-53.04779	-214.8588	4
20	14.76378	84.96313	118.9484	143.2672	106.1732	123.558	110.7828	76.27074	93.65552	102.0904	119.4752	4
20	29.52756	-101.9548	-142.7367	-165.5981	-234.1473	-37.5769	-128.9875	-200.24	-3.669579	-227.2728	-30.7023	4
24	0	-101.7769	-142.4877	-165.2471	-74.66549	-196.5458	-128.7236	-40.83674	-162.7171	-67.78349	-189.6638	5
24	14.76378	85.82094	120.1493	144.6665	121.2855	110.7357	111.8718	91.09583	80.54605	117.1467	106.5969	5
24	29.52756	-103.7639	-145.2694	-169.8159	-189.0764	-88.28894	-132.0759	-154.1676	-53.36016	-182.4796	-81.67216	5
25	0	-103.7591	-145.2627	-169.8081	-88.28629	-189.0492	-132.0698	-53.37911	-154.1391	-81.66984	-182.4498	5
25	14.76378	85.81651	120.1431	144.6593	110.7778	121.2315	111.8662	80.58969	91.04333	106.6394	117.093	5
25	29.52756	-101.7709	-142.4793	-165.2373	-196.4251	-74.77027	-128.7161	-19.95983	-40.94351	-189.5435	-67.88966	5
29	0	-44.25824	-61.96154	-71.69028	-34.42575	-83.40677	-55.87099	-19.76773	-68.14875	-31.38048	-80.3615	6
29	14.76378	43.43022	60.80231	71.09932	60.8945	55.20443	46.27625	40.58419	58.14066	52.4486	52.4486	6
29	29.52756	-27.15933	-38.02306	-44.76814	-55.20811	-17.58467	-34.76992	-45.97095	-8.347704	-53.58154	-15.9583	6
30	0	-27.15663	-38.01915	-44.76362	-17.48752	-55.29802	-43.34613	-34.7664	-8.251282	-46.06179	-15.86114	6
30	14.76378	43.42501	60.79501	71.0909	55.17625	60.90692	41.94779	55.28906	46.29029	52.42278	58.15334	6
30	29.52756	-44.25529	-61.9574	-71.68552	-83.53991	-34.28576	-55.86727	-68.88186	-19.62871	-80.49384	-31.24069	6

Momen Balok Portal Tengah Arah - x (Kft)

Elemen	Station	D	1.4 D	1.2D + 0.5L + 1.6L	1.2D + 0.5L + E	1.2D + 0.5L - E	0.9D + E	0.9D - E	D + L	D + E	D - E	D + L + E	D + L - E	Lantai
4	0	-122.8504	-171.9905	-216.7094	-16.87696	-321.2695	41.63093	-262.7616	-166.1559	29.34689	-275.0467	-13.95966	-318.3522	1
4	14.76378	133.5627	186.9737	242.2967	200.9728	170.8245	135.2715	105.1233	184.8236	148.6268	118.4785	199.8977	169.7494	1
4	29.52756	-183.4046	-270.7664	-342.2327	-388.5284	-144.4847	-296.086	-52.04233	-262.2466	-315.4264	-71.38279	-384.2684	-140.2247	1
5	0	-183.4113	-270.7759	-342.2446	-144.6883	-388.3333	-52.25269	-295.8677	-262.2557	-71.59383	-315.2289	-140.4382	-384.0732	1
5	14.76378	133.5725	187.0015	242.3317	170.9759	200.8761	105.2662	135.1654	184.8504	148.5226	118.4785	199.9003	199.8005	1
5	29.52756	-122.8128	-171.9379	-216.643	-320.7584	-17.2846	-262.2684	41.20537	-166.1051	-274.5497	28.82409	-317.842	-14.36817	1
9	0	-141.2757	-197.786	-248.9501	-42.99893	-345.6999	24.20229	-278.4986	-190.9127	10.07472	-292.6262	-39.56228	-342.2632	2
9	14.76378	132.9135	186.0789	241.123	198.4494	171.5596	133.067	106.1772	183.9302	146.3584	119.4686	197.3751	170.4853	2
9	29.52756	-176.3066	-246.8292	-312.4257	-367.5571	-118.6148	-283.1471	-34.20474	-239.3427	-300.7777	-51.8354	-363.8139	-114.8715	2
10	0	-176.3032	-246.8244	-312.4197	-118.7845	-367.3761	-34.37606	-282.9697	-239.3381	-52.00638	-300.6	-115.0413	-363.6349	2
10	14.76378	132.9149	186.0809	241.1255	171.6837	198.3295	106.3005	132.9464	183.9322	146.3584	119.4686	197.3751	170.4853	2
10	29.52756	-141.2655	-197.7717	-248.9321	-345.275	-43.39562	-278.0786	23.80074	-190.8989	-292.2052	9.674189	-341.8386	-39.95922	2
14	0	-148.7987	-208.3182	-261.9695	-74.63206	-334.6167	-3.926511	-263.9112	-200.9306	-18.80638	-278.791	-70.93826	-330.9229	3
14	14.76378	134.1126	187.7576	243.2055	198.2306	175.0585	132.2874	109.1152	185.5316	145.6986	122.5265	197.1176	173.9455	3
14	29.52756	-166.3942	-232.952	-295.2567	-336.3767	-122.7092	-256.5886	42.92107	-226.134	-273.228	-59.56049	-332.9678	-119.3003	3
15	0	-166.3865	-232.941	-295.243	-122.8606	-336.2039	-43.07613	-256.4195	-226.1235	-59.71478	-273.0681	-119.4518	-332.7952	3
15	14.76378	134.1123	187.7572	243.205	175.1805	198.108	109.2373	132.1648	185.5312	145.6986	122.5265	197.1176	173.9455	3
15	29.52756	-148.79	-208.3061	-261.9542	-334.2079	-75.01708	-263.5064	-4.315651	-200.9189	-278.3854	-19.19465	-330.5143	-71.3235	3
19	0	-154.5782	-216.4065	-271.9966	-113.1505	-311.9013	-39.74494	-112.4571	-208.6424	-55.20275	-253.9536	-109.267	-308.0178	4
19	14.76378	134.8166	188.7432	244.4076	196.4859	178.7163	130.2197	112.4501	186.4589	143.7014	125.9318	195.3437	177.5741	4
19	29.52756	-159.2179	-222.905	-282.8449	-301.3644	-138.1231	-224.9167	-61.67543	-216.5826	-240.8385	-77.59722	-298.2032	-134.9619	4
20	0	-159.2104	-222.8946	-282.8318	-138.28	-301.187	-61.83589	-224.7428	-216.5725	-77.75693	-240.6639	-135.119	-298.0259	4
20	14.76378	134.8124	188.7374	244.4003	178.8388	196.3518	112.5747	130.0877	186.4533	126.0559	143.5889	177.6968	195.2098	4
20	29.52756	-154.5702	-216.3982	-271.9825	-311.4767	-113.553	-238.075	-40.15129	-208.6316	-253.532	-55.60831	-307.5934	-109.6697	4
24	0	-155.7383	-218.0336	-273.1131	-152.6336	-275.0302	-78.9661	-201.3627	-209.6303	94.53993	-216.9366	-148.4319	-270.8286	5
24	14.76378	135.8153	190.1414	246.3428	194.3271	183.7325	127.5311	116.9365	187.9181	141.1126	130.518	193.2154	182.6208	5
24	29.52756	-156.081	-218.5134	-277.8948	-266.2261	-164.9919	-191.09	-89.8558	-212.7045	-206.6981	-105.4639	-263.3216	-162.0874	5
25	0	-156.0735	-218.5029	-277.8817	-165.0053	-266.192	-89.87276	-191.0595	-212.6944	-105.4801	-206.6669	-162.1011	-263.2878	5
25	14.76378	135.8087	190.1322	246.3311	183.7714	194.2699	116.9786	127.4771	187.9091	130.5595	141.0579	182.6599	193.1584	5
25	29.52756	-155.7296	-218.0214	-273.0977	-274.9055	-152.7343	-201.2422	-79.07104	-209.6184	-216.8152	-94.644	-270.704	-148.5328	5
29	0	-73.46528	-102.8514	-125.3223	-75.22327	-124.3209	-41.56995	-90.66756	-96.69276	-48.91648	-98.01408	-72.14396	-121.2416	6
29	14.76378	80.41445	112.5802	134.4676	111.2169	105.5093	75.2268	69.51921	104.1459	83.26825	77.56065	106.9997	101.2921	6
29	29.52756	-80.74171	-85.09839	-97.24648	-99.36125	-61.64287	-35.80835	-75.96573	-75.96573	-78.6009	-41.88252	-94.82482	-57.10654	6
30	0	-60.73704	-85.03185	-97.24053	-61.54286	-99.44859	-35.71047	-75.3762	-75.96959	-41.78418	-79.6899	-57.00673	-94.91245	6
30	14.76378	80.40535	112.5675	134.4523	105.4777	111.2238	69.49177	75.23167	104.1341	77.5323	83.2784	101.261	107.0071	6
30	29.52756	-73.45981	-102.8437	-125.3133	-124.4496	-90.79872	-41.42893	-96.68576	-96.68576	-96.68576	-48.77491	-121.3707	-72.00086	6

Geser Balok Portal Tepi Arah-X (kip)

Elemen	Station	VD	VL	VE	1.2VD + 0.5VL	D + L	D + E	D - E	D + L + E	D + L - E	Lantai
4	0	-20.58288	-5.100598	9.165577	-27.249755	-25.68348	-11.41731	-29.74846	-16.5179	-34.84906	1
4	14.76378	-1.814711	-1.306947	9.165577	-2.8311267	-3.121658	7.350866	-10.98029	6.043919	-12.28723	1
4	29.52756	23.73062	5.964272	9.165577	31.45888	29.69489	32.8962	14.56504	38.86047	20.52932	1
5	0	-23.73174	-5.964572	9.143138	-31.460374	-29.69632	-14.58861	-32.87488	-20.55318	-38.83945	1
5	14.76378	-4.963571	-2.170921	9.143138	-7.0417457	-7.134492	4.179567	-14.10671	2.008646	-16.27763	1
5	29.52756	20.58176	5.100298	9.143138	27.248261	25.68206	29.7249	11.43862	34.8252	16.53892	1
9	0	-21.37383	-5.30559	9.228821	-28.301391	-26.67942	-12.14501	-30.60265	-17.4506	-35.90824	2
9	14.76378	-2.605657	-1.511939	9.228821	-3.8827579	-4.117596	6.623163	-11.83448	5.111224	-13.34642	2
9	29.52756	22.93967	5.759281	9.228821	30.4072445	28.69895	32.16849	13.71085	37.92777	19.47013	2
10	0	-22.9395	-5.75924	9.208924	-30.40702	-28.69874	-13.73058	-32.14843	-19.48982	-37.90767	2
10	14.76378	-4.171331	-1.965589	9.208924	-5.9883917	-6.136919	5.037594	-13.38026	3.072005	-15.34584	2
10	29.52756	21.374	5.305631	9.208924	28.3016155	26.67963	30.58292	12.16507	35.88855	17.47071	2
14	0	-21.75889	-5.403522	7.94453	-28.812429	-27.16241	-13.81436	-29.70342	-19.21788	-35.10694	3
14	14.76378	-2.990716	-1.609872	7.94453	-4.3937952	-4.600587	4.953815	-10.93525	3.343943	-12.54512	3
14	29.52756	22.55462	5.661348	7.94453	29.896218	28.21596	30.49915	14.61008	36.16049	20.27143	3
15	0	-22.554	-5.66119	7.925426	-29.895395	-28.21519	-14.62857	-30.47942	-20.28976	-36.14061	3
15	14.76378	-3.785823	-1.86754	7.925426	-5.4767576	-5.653362	4.139604	-11.71125	2.272064	-13.57879	3
15	29.52756	21.75951	5.40368	7.925426	29.896218	27.16319	29.68493	13.83408	35.08862	19.23776	3
19	0	-22.04287	-5.476235	6.088679	-29.1895615	-27.5191	-15.95419	-28.13154	-21.43042	-33.60778	4
19	14.76378	-3.274693	-1.682584	6.088679	-4.7709236	-4.957277	2.813986	-9.363372	1.131402	-11.04596	4
19	29.52756	22.27064	5.588635	6.088679	29.5190855	27.85927	28.35932	16.18196	33.94795	21.7706	4
20	0	-22.26963	-5.588379	6.068735	-29.5177455	-27.85801	-16.2009	-28.33837	-21.78928	-33.92675	4
20	14.76378	-3.501459	-1.794729	6.068735	-5.0991153	-5.296188	2.567276	-9.570193	0.7725466	-11.36492	4
20	29.52756	22.04387	5.476491	6.068735	29.1908895	27.52036	28.11261	15.97514	33.5891	21.45163	4
24	0	-22.08701	-5.485574	3.771502	-29.247199	-27.57258	-18.31551	-25.85851	-23.80108	-31.34409	5
24	14.76378	-3.318837	-1.691924	3.771502	-4.8285664	-5.010761	0.452665	-7.09034	-1.239259	-8.782264	5
24	29.52756	22.22649	5.579296	3.771502	29.461436	27.80579	25.998	18.45499	31.57729	24.03429	5
25	0	-22.22523	-5.578976	3.766529	-29.459764	-27.80421	-18.45871	-25.99176	-24.03768	-31.57074	5
25	14.76378	-3.457061	-1.785325	3.766529	-5.0411357	-5.242386	0.3094682	-7.22359	-1.475857	-9.008916	5
25	29.52756	22.08827	5.485895	3.766529	29.2488715	27.57416	25.8548	18.32174	31.34069	23.80763	5
29	0	-9.029814	-2.347283	1.467716	-12.0094183	-11.3771	-7.562098	-10.49753	-9.909382	-12.84481	6
29	14.76378	-2.836328	-0.8298232	1.467716	-3.8185052	-3.666151	-1.368612	-4.304044	-2.198435	-5.133867	6
29	29.52756	7.880764	2.07853	1.467716	10.4961818	9.959293	9.348479	6.413047	11.42701	8.491577	6
30	0	-7.879385	-2.078178	1.475121	-10.494351	-9.957562	-6.404263	-9.354506	-8.482441	-11.43268	6
30	14.76378	-1.685899	-0.5607176	1.475121	-2.3034376	-2.246616	-0.2107773	-3.16102	-0.7714949	-3.721737	6
30	29.52756	9.031193	2.347636	1.475121	12.0112496	11.37883	10.50631	7.556071	12.85395	9.903707	6

Geser Balok Portal Tengah Arah-X (kip)

Elemen	Station	VD	VL	VE	1.2VD + 0.5VL	D + L	D + E	D - E	D + L + E	D + L - E	Lantai
4	0	-30.34949	-10.20032	9.286685	-41.519548	-40.54981	-21.06281	-39.63618	-31.26313	-49.8365	1
4	14.76378	-4.38856	-2.613019	9.286685	-6.5727815	-7.001578	4.898126	-13.67525	2.285107	-16.28826	1
4	29.52756	35.12669	11.92942	9.286685	48.116738	47.05611	44.41338	25.84	56.3428	37.76942	1
5	0	-35.12841	-11.93003	9.264253	-48.119107	-47.05843	-25.86415	-44.39266	-37.79418	-56.32269	1
5	14.76378	-9.167473	-4.342725	9.264253	-13.1723301	-13.5102	9.68E-02	-18.43173	-4.245944	-22.77445	1
5	29.52756	30.34777	10.19972	9.264253	41.517184	40.54749	39.61203	21.08352	49.81174	31.28324	1
9	0	-31.55103	-10.61086	9.341291	-43.166666	-42.1619	-22.20974	-40.89233	-32.8206	-51.50319	2
9	14.76378	-5.590102	-3.023558	9.341291	-8.2199014	-8.61366	3.75119	-14.93139	0.7276322	-17.95495	2
9	29.52756	33.92515	11.51888	9.341291	46.46962	45.44403	43.26644	24.58385	54.78532	36.10274	2
10	0	-33.92489	-11.5188	9.32138	-46.469268	-45.44369	-24.60351	-43.24627	-36.12231	-54.76507	2
10	14.76378	-7.963956	-3.931498	9.32138	-11.5224962	-11.89545	1.357423	-17.28534	-2.574074	-21.21683	2
10	29.52756	31.55129	10.61094	9.32138	43.167018	42.16224	40.87267	22.22991	51.48361	32.84085	2
14	0	-32.14083	-10.80676	8.020765	-43.972376	-42.94759	-24.12007	-40.1616	-34.92683	-50.96836	3
14	14.76378	-6.1799	-3.219461	8.020765	-9.0256105	-9.399361	1.840866	-14.20067	-1.378595	-17.42013	3
14	29.52756	33.33535	11.32298	8.020765	45.66391	44.65833	41.35611	25.31458	52.67909	36.63756	3
15	0	-33.33441	-11.32266	8.00165	-45.662622	-44.65707	-25.33276	-41.33606	-36.65542	-52.65872	3
15	14.76378	-7.373473	-3.735362	8.00165	-10.7158486	-11.10883	0.6281776	-15.37512	-3.107184	-19.11049	3
15	29.52756	32.14178	10.80708	8.00165	43.973676	42.94885	40.14342	24.14013	50.9505	34.9472	3
19	0	-32.57869	-10.95234	6.130147	-44.570598	-43.53103	-26.44855	-38.70884	-37.40089	-49.66118	4
19	14.76378	-6.617761	-3.365035	6.130147	-9.6238307	-9.982796	-0.4876141	-12.74791	-3.852649	-16.11294	4
19	29.52756	32.89749	11.1774	6.130147	45.065688	44.07489	39.02763	26.76734	50.20504	37.94474	4
20	0	-32.89596	-11.17689	6.110195	-45.063597	-44.07285	-26.78576	-39.00615	-37.96265	-50.18304	4
20	14.76378	-6.935022	-3.589591	6.110195	-10.1168219	-10.52461	-0.8248271	-13.04522	-4.414418	-16.63481	4
20	29.52756	32.58022	10.95285	6.110195	44.572689	43.53307	38.69042	26.47003	49.64327	37.42288	4
24	0	-32.72273	-10.97112	3.787478	-44.752836	-43.69385	-28.93526	-36.51021	-39.90637	-47.48133	5
24	14.76378	-6.761801	-3.383815	3.787478	-9.8060687	-10.14562	-2.974323	-10.54928	-6.358138	-13.93309	5
24	29.52756	32.75345	11.15862	3.787478	44.88345	43.91208	36.54093	28.96597	47.69955	40.1246	5
25	0	-32.7515	-11.15798	3.782504	-44.88079	-43.90948	-28.969	-36.534	-40.12698	-47.69199	5
25	14.76378	-6.790566	-3.570684	3.782504	-9.9340212	-10.36125	-3.008062	-10.57307	-6.578746	-14.14375	5
25	29.52756	32.72468	10.97176	3.782504	44.755496	43.69644	36.50719	28.94218	47.47894	39.91393	5
29	0	-15.87291	-4.693698	1.471754	-21.394341	-20.56661	-14.40116	-17.34467	-19.09486	-22.03837	6
29	14.76378	-4.944954	-1.858778	1.471754	-6.7633338	-6.603731	-3.4732	-6.416708	-5.131978	-8.075485	6
29	29.52756	15.03022	4.157928	1.471754	20.115228	19.18814	16.50197	13.55846	20.6599	17.71639	6
30	0	-15.02811	-4.157224	1.479156	-20.112344	-19.18534	-13.54895	-16.50727	-17.70618	-20.66449	6
30	14.76378	-4.100151	-1.122303	1.479156	-5.4813327	-5.222454	-2.620995	-5.579307	-3.743298	-6.70161	6
30	29.52756	15.87502	4.694403	1.479156	21.3972255	20.56942	17.35418	14.39586	22.04858	19.09027	6

P aksial balok portal tepi arah-x (kip)

Elemen	Station	PD	PL	PE	1.2PD + 0.5PL	D + L	D + E	D - E	D + L + E	D + L - E	Lantai
4	0	3.27734	0.8716108	-0.3301232	4.3686134	4.148951	2.947217	3.607464	3.818828	4.479074	1
4	14.76378	3.27734	0.8716108	-0.3301232	4.3686134	4.148951	2.947217	3.607464	3.818828	4.479074	1
4	29.52756	3.27734	0.8716108	-0.3301232	4.3686134	4.148951	2.947217	3.607464	3.818828	4.479074	1
5	0	3.27753	0.8716674	-1.960214	4.3688973	4.14922	1.317339	5.237767	2.189006	6.109434	1
5	14.76378	3.27753	0.8716674	-1.960214	4.3688973	4.14922	1.317339	5.237767	2.189006	6.109434	1
5	29.52756	3.27753	0.8716674	-1.960214	4.3688973	4.14922	1.317339	5.237767	2.189006	6.109434	1
9	0	0.2300496	5.536579E-02	-3.353916	0.303742415	0.2854154	-3.123867	3.583966	-3.068501	3.639332	2
9	14.76378	0.2300496	5.536579E-02	-3.353916	0.303742415	0.2854154	-3.123867	3.583966	-3.068501	3.639332	2
9	29.52756	0.2300496	5.536579E-02	-3.353916	0.303742415	0.2854154	-3.123867	3.583966	-3.068501	3.639332	2
10	0	0.2293072	5.516703E-02	-1.25843	0.302752155	0.2844742	-1.029123	1.487737	-0.9739558	1.542904	2
10	14.76378	0.2293072	5.516703E-02	-1.25843	0.302752155	0.2844742	-1.029123	1.487737	-0.9739558	1.542904	2
10	29.52756	0.2293072	5.516703E-02	-1.25843	0.302752155	0.2844742	-1.029123	1.487737	-0.9739558	1.542904	2
14	0	0.3408428	8.702004E-02	-5.02747	0.45252138	0.4278629	-4.686627	5.368313	-4.599607	5.455333	3
14	14.76378	0.3408428	8.702004E-02	-5.02747	0.45252138	0.4278629	-4.686627	5.368313	-4.599607	5.455333	3
14	29.52756	0.3408428	8.702004E-02	-5.02747	0.45252138	0.4278629	-4.686627	5.368313	-4.599607	5.455333	3
15	0	0.3409366	8.704547E-02	-1.917597	0.452646655	0.4279821	-1.57666	2.258533	-1.489615	2.345579	3
15	14.76378	0.3409366	8.704547E-02	-1.917597	0.452646655	0.4279821	-1.57666	2.258533	-1.489615	2.345579	3
15	29.52756	0.3409366	8.704547E-02	-1.917597	0.452646655	0.4279821	-1.57666	2.258533	-1.489615	2.345579	3
19	0	0.3191301	8.369045E-02	-6.758026	0.424801345	0.4028205	-6.438896	7.077156	-6.355205	7.160846	4
19	14.76378	0.3191301	8.369045E-02	-6.758026	0.424801345	0.4028205	-6.438896	7.077156	-6.355205	7.160846	4
19	29.52756	0.3191301	8.369045E-02	-6.758026	0.424801345	0.4028205	-6.438896	7.077156	-6.355205	7.160846	4
20	0	0.3191366	8.369238E-02	-2.545822	0.42481011	0.402829	-2.226686	2.864959	-2.142993	2.948651	4
20	14.76378	0.3191366	8.369238E-02	-2.545822	0.42481011	0.402829	-2.226686	2.864959	-2.142993	2.948651	4
20	29.52756	0.3191366	8.369238E-02	-2.545822	0.42481011	0.402829	-2.226686	2.864959	-2.142993	2.948651	4
24	0	-0.8493764	-0.2377357	-8.256636	-1.13811953	-1.087112	-9.106012	7.407259	-9.343748	7.169524	5
24	14.76378	-0.8493764	-0.2377357	-8.256636	-1.13811953	-1.087112	-9.106012	7.407259	-9.343748	7.169524	5
24	29.52756	-0.8493764	-0.2377357	-8.256636	-1.13811953	-1.087112	-9.106012	7.407259	-9.343748	7.169524	5
25	0	-0.8494045	-0.2377422	-3.300517	-1.1381565	-1.087147	-4.149921	2.451112	-4.387663	2.21337	5
25	14.76378	-0.8494045	-0.2377422	-3.300517	-1.1381565	-1.087147	-4.149921	2.451112	-4.387663	2.21337	5
25	29.52756	-0.8494045	-0.2377422	-3.300517	-1.1381565	-1.087147	-4.149921	2.451112	-4.387663	2.21337	5
29	0	-7.103191	-1.870878	-8.116714	-9.4592682	-8.974069	-15.2199	1.013523	-17.09078	-0.8573548	6
29	14.76378	-7.103191	-1.870878	-8.116714	-9.4592682	-8.974069	-15.2199	1.013523	-17.09078	-0.8573548	6
29	29.52756	-7.103191	-1.870878	-8.116714	-9.4592682	-8.974069	-15.2199	1.013523	-17.09078	-0.8573548	6
30	0	-7.102807	-1.870777	-2.927943	-9.4587569	-8.973584	-10.03075	-4.174863	-11.90153	-6.04564	6
30	14.76378	-7.102807	-1.870777	-2.927943	-9.4587569	-8.973584	-10.03075	-4.174863	-11.90153	-6.04564	6
30	29.52756	-7.102807	-1.870777	-2.927943	-9.4587569	-8.973584	-10.03075	-4.174863	-11.90153	-6.04564	6

P aksial balok portal tengah arah-x (kip)

Elemen	Station	PD	PL	PE	1.2PD + 0.5PL	D + L	D + E	D - E	D + L + E	D + L - E	Lantai
4	0	4.965034	1.743655	-0.3146447	6.8298683	6.708689	4.65039	5.279679	6.394044	7.023334	1
4	14.76378	4.965034	1.743655	-0.3146447	6.8298683	6.708689	4.65039	5.279679	6.394044	7.023334	1
4	29.52756	4.965034	1.743655	-0.3146447	6.8298683	6.708689	4.65039	5.279679	6.394044	7.023334	1
5	0	4.965359	1.743769	-1.975552	6.8303153	6.709128	2.989807	6.940911	4.733576	8.68468	1
5	14.76378	4.965359	1.743769	-1.975552	6.8303153	6.709128	2.989807	6.940911	4.733576	8.68468	1
5	29.52756	4.965359	1.743769	-1.975552	6.8303153	6.709128	2.989807	6.940911	4.733576	8.68468	1
9	0	0.3506854	0.1100908	-3.345156	0.47586788	0.4607761	-2.994471	3.695842	-2.88438	3.805933	2
9	14.76378	0.3506854	0.1100908	-3.345156	0.47586788	0.4607761	-2.994471	3.695842	-2.88438	3.805933	2
9	29.52756	0.3506854	0.1100908	-3.345156	0.47586788	0.4607761	-2.994471	3.695842	-2.88438	3.805933	2
10	0	0.3495509	0.1096898	-1.265992	0.47430598	0.4592407	-0.9164415	1.615543	-0.8067517	1.725233	2
10	14.76378	0.3495509	0.1096898	-1.265992	0.47430598	0.4592407	-0.9164415	1.615543	-0.8067517	1.725233	2
10	29.52756	0.3495509	0.1096898	-1.265992	0.47430598	0.4592407	-0.9164415	1.615543	-0.8067517	1.725233	2
14	0	0.5281547	0.1743061	-5.020972	0.72093869	0.7024609	-4.492817	5.549126	-4.318511	5.723433	3
14	14.76378	0.5281547	0.1743061	-5.020972	0.72093869	0.7024609	-4.492817	5.549126	-4.318511	5.723433	3
14	29.52756	0.5281547	0.1743061	-5.020972	0.72093869	0.7024609	-4.492817	5.549126	-4.318511	5.723433	3
15	0	0.5283008	0.1743578	-1.923344	0.72113986	0.7026586	-1.395043	2.451644	-1.220685	2.626002	3
15	14.76378	0.5283008	0.1743578	-1.923344	0.72113986	0.7026586	-1.395043	2.451644	-1.220685	2.626002	3
15	29.52756	0.5283008	0.1743578	-1.923344	0.72113986	0.7026586	-1.395043	2.451644	-1.220685	2.626002	3
19	0	0.4426078	0.1676192	-6.7536	0.61493896	0.610227	-6.310992	7.196208	-6.143373	7.363827	4
19	14.76378	0.4426078	0.1676192	-6.7536	0.61493896	0.610227	-6.310992	7.196208	-6.143373	7.363827	4
19	29.52756	0.4426078	0.1676192	-6.7536	0.61493896	0.610227	-6.310992	7.196208	-6.143373	7.363827	4
20	0	0.442614	0.167623	-2.549984	0.6149483	0.610237	-2.10737	2.992598	-1.939747	3.160221	4
20	14.76378	0.442614	0.167623	-2.549984	0.6149483	0.610237	-2.10737	2.992598	-1.939747	3.160221	4
20	29.52756	0.442614	0.167623	-2.549984	0.6149483	0.610237	-2.10737	2.992598	-1.939747	3.160221	4
24	0	-0.6163002	-0.4750133	-8.253791	-0.97706689	-1.091314	-8.870091	7.637491	-9.345104	7.162477	5
24	14.76378	-0.6163002	-0.4750133	-8.253791	-0.97706689	-1.091314	-8.870091	7.637491	-9.345104	7.162477	5
24	29.52756	-0.6163002	-0.4750133	-8.253791	-0.97706689	-1.091314	-8.870091	7.637491	-9.345104	7.162477	5
25	0	-0.6163915	-0.4750265	-3.303431	-0.97718305	-1.091418	-3.919823	2.68704	-4.394849	2.212013	5
25	14.76378	-0.6163915	-0.4750265	-3.303431	-0.97718305	-1.091418	-3.919823	2.68704	-4.394849	2.212013	5
25	29.52756	-0.6163915	-0.4750265	-3.303431	-0.97718305	-1.091418	-3.919823	2.68704	-4.394849	2.212013	5
29	0	-11.40076	-3.742048	-8.117387	-15.551936	-15.1428	-19.51814	-3.28337	-23.26019	-7.025418	6
29	14.76378	-11.40076	-3.742048	-8.117387	-15.551936	-15.1428	-19.51814	-3.28337	-23.26019	-7.025418	6
29	29.52756	-11.40076	-3.742048	-8.117387	-15.551936	-15.1428	-19.51814	-3.28337	-23.26019	-7.025418	6
30	0	-11.40012	-3.741846	-2.927249	-15.551067	-15.14197	-14.32737	-8.472874	-18.06922	-12.21472	6
30	14.76378	-11.40012	-3.741846	-2.927249	-15.551067	-15.14197	-14.32737	-8.472874	-18.06922	-12.21472	6
30	29.52756	-11.40012	-3.741846	-2.927249	-15.551067	-15.14197	-14.32737	-8.472874	-18.06922	-12.21472	6

Momen Kolom Interior Portal Tepi Arah-X (kft) untuk metode ASD

Elemen	Station	D + L	D + E	D - E	D + L + E	D + L - E	Lantai
2	0	1.025513E-03	133.5035	-133.5019	133.5037	-133.5017	1
2	6.56168	1.612278E-03	13.06908	-13.06654	13.06942	-13.0662	1
2	13.12336	2.119381E-03	-108.0111	108.0144	-108.0106	108.0149	1
7	0	-3.506135E-03	132.6984	-132.7039	132.6976	-132.7046	2
7	6.56168	-1.19219E-03	1.130747	-1.132628	1.130495	-1.132879	2
7	13.12336	1.16926E-03	-130.4819	130.4838	-130.4817	130.484	2
12	0	3.959055E-03	115.3303	-115.324	115.3311	-115.3232	3
12	6.56168	8.848327E-05	-1.585097	1.585235	-1.585077	1.585254	3
12	13.12336	-3.784793E-03	-118.452	118.4461	-118.4528	118.4453	3
17	0	2.649355E-03	93.04951	-93.04532	93.05006	-93.04476	4
17	6.56168	-4.076798E-04	-2.503746	2.503101	-2.503831	2.503016	4
17	13.12336	-3.455984E-03	-98.00338	97.99792	-98.0041	97.99719	4
22	0	2.722109E-03	63.97964	-63.97533	63.98021	-63.97476	5
22	6.56168	-2.512246E-04	-3.155571	3.155174	-3.155623	3.155121	5
22	13.12336	-3.221455E-03	-70.25181	70.24671	-70.25248	70.24604	5
27	0	2.850714E-03	30.53671	-30.53219	30.5373	-30.5316	6
27	6.56168	-3.366087E-04	-3.597376	3.596841	-3.597445	3.596771	6
27	13.12336	-3.522829E-03	-37.71967	37.71408	-37.7204	37.71335	6

Momen Kolom Eksterior Kiri Portal Tepi Arah-X (kft) untuk metode ASD

Elemen	Station	D + L	D + E	D - E	D + L + E	D + L - E	Lantai
1	0	-19.22984	102.3778	-132.7316	98.32491	-136.7846	1
1	6.56168	12.36176	33.9313	-14.41963	36.53722	-11.81371	1
1	13.12336	43.72798	-35.13387	104.1553	-25.91659	113.3726	1
6	0	-59.10052	33.88203	-127.1906	21.43579	-139.6368	2
6	6.56168	-0.4154846	-0.391219	-0.2482524	-0.4869679	-0.3440013	2
6	13.12336	58.27597	-34.65842	126.6979	-22.4022	138.9541	2
11	0	-59.83236	21.56367	-116.0966	8.997766	-128.6625	3
11	6.56168	0.739992	-2.343369	3.521398	-2.192391	3.672375	3
11	13.12336	61.30311	-26.22116	123.0954	-13.35518	135.9614	3
16	0	-62.9629	4.327688	-103.8465	-8.875813	-117.05	4
16	6.56168	0.4140415	-4.154724	4.815207	-4.070924	4.899007	4
16	13.12336	63.78716	-12.5987	113.4324	0.7716064	126.8027	4
21	0	-65.20708	-15.86012	-87.2264	-29.52394	-100.8902	5
21	6.56168	0.8125424	-5.173402	6.453451	-5.000885	6.625969	5
21	13.12336	66.82758	5.542553	100.0968	19.55043	114.1047	5
26	0	-61.89607	-35.29419	-62.62022	-48.23306	-75.55909	6
26	6.56168	-3.015061	-7.769723	3.066827	-8.433336	2.403214	6
26	13.12336	55.87099	19.76773	68.74875	31.38048	80.3615	6

Momen Kolom Eksterior Kanan Portal Tepi Arah-X (kft) untuk metode ASD

Elemen	Station	D + L	D + E	D - E	D + L + E	D + L - E	Lantai
3	0	19.27756	132.1346	-101.7054	136.1975	-97.64243	1
3	6.56168	-12.39484	14.34767	-33.91155	11.73477	-36.52445	1
3	13.12336	-43.69255	-103.8729	34.90743	-113.0827	25.69762	1
8	0	59.10478	126.989	-33.67365	139.4361	-21.22653	2
8	6.56168	0.4231503	0.2576769	0.393857	0.3550603	0.4912403	2
8	13.12336	-58.26886	-126.4799	34.4517	-138.7347	22.19696	2
13	0	59.83086	115.8973	-21.36678	128.4629	-8.801202	3
13	6.56168	-0.740151	-3.524534	2.346245	-3.675541	2.195239	3
13	13.12336	-61.29737	-122.8807	26.01554	-135.7455	13.15076	3
18	0	62.96134	103.6587	-4.142355	116.8619	9.060796	4
18	6.56168	-0.4133667	-4.821855	4.162433	-4.905511	4.078777	4
18	13.12336	-63.78275	-113.2404	12.41364	-126.6098	-0.9557465	4
23	0	65.20477	86.99966	16.08322	100.663	29.74655	5
23	6.56168	-0.812315	-6.395079	5.115392	-6.56755	4.94292	5
23	13.12336	-66.82345	-99.74292	-5.889943	-113.7499	-19.89696	5
28	0	61.89262	62.85538	35.05357	75.79352	47.99171	6
28	6.56168	3.015909	-3.016473	7.720713	-2.352684	8.384502	6
28	13.12336	-55.86727	-68.88186	-19.62871	-80.49384	-31.24069	6

Momen Kolom Interior Portal Tengah Arah-X (kft) untuk metode ASD

Elemen	Station	D + L	D + E	D - E	D + L + E	D + L - E	Lantai
2	0	0.0016944	134.9578	-134.9552	134.9582	-134.9548	1
2	6.56168	2.657018E-03	13.29469	-13.29076	13.29538	-13.29006	1
2	13.12336	3.41137E-03	-109.4105	109.4155	-109.4096	109.4164	1
7	0	-5.704977E-03	134.4221	-134.4305	134.4206	-134.432	2
7	6.56168	-1.960494E-03	1.137486	-1.140382	1.136973	-1.140894	2
7	13.12336	1.908392E-03	-132.2193	132.2221	-132.2188	132.2226	2
12	0	6.500953E-03	116.5521	-116.5424	116.5537	-116.5407	3
12	6.56168	1.466189E-04	-1.636929	1.637143	-1.636889	1.637182	3
12	13.12336	-6.214894E-03	-119.7458	119.7366	-119.7474	119.7349	3
17	0	4.308324E-03	93.76747	-93.76109	93.76859	-93.75997	4
17	6.56168	-6.665784E-04	-2.555871	2.554884	-2.556044	2.554711	4
17	13.12336	-5.618386E-03	-98.79066	98.78234	-98.79212	98.78088	4
22	0	4.443718E-03	64.29092	-64.28432	64.29206	-64.28317	5
22	6.56168	-3.920096E-04	-3.194149	3.193578	-3.194256	3.193472	5
22	13.12336	-5.219721E-03	-70.6139	70.60617	-70.61526	70.60481	5
27	0	4.83669E-03	30.60411	-30.59681	30.6053	-30.59562	6
27	6.56168	-6.507624E-04	-3.61759	3.616567	-3.61773	3.616428	6
27	13.12336	-6.134155E-03	-37.81672	37.80738	-37.81819	37.80592	6

Momen Kolom Eksterior Kiri Portal Tengah Arah-X (kft) untuk metode ASD

Elemen	Station	D + L	D + E	D - E	D + L + E	D + L - E	Lantai
1	0	-31.16467	95.86619	-141.9439	87.74036	-150.0697	1
1	6.56168	20.04658	39.37803	-9.740731	44.60596	-4.512807	1
1	13.12336	70.61414	-18.37453	122.7752	3.928174E-02	141.189	1
6	0	-95.54179	10.97136	-152.2715	-13.92038	-177.1632	2
6	6.56168	-0.6833096	-0.5892267	-0.3890612	-0.7833924	-0.5832269	2
6	13.12336	94.19361	-12.13391	151.5038	12.37473	176.0125	2
11	0	-96.71912	-2.059194	-141.1223	-27.18755	-166.2507	3
11	6.56168	1.203999	-2.127523	3.93064	-1.825083	4.23308	3
11	13.12336	99.10113	-2.149927	148.8988	23.57678	174.6255	3
16	0	-101.8295	-20.95632	-129.8923	-47.36149	-156.2974	4
16	6.56168	0.6948093	-4.051289	5.106365	-3.884018	5.273636	4
16	13.12336	103.2081	12.91795	140.024	39.65501	166.7611	4
21	0	-105.4343	-42.28481	-113.9296	-69.61195	-141.2567	5
21	6.56168	1.092236	-5.135546	6.630316	-4.790695	6.975166	5
21	13.12336	107.6082	32.06355	127.1258	60.07705	155.1393	5
26	0	-102.0221	-62.47638	-89.81073	-88.35489	-115.6892	6
26	6.56168	-2.668853	-6.790634	4.108139	-8.118239	2.780534	6
26	13.12336	96.69276	48.91648	98.01408	72.14396	121.2416	6

Momen Kolom Eksterior Kanan Portal Tengah Arah-X (kft) untuk metode ASD

Elemen	Station	D + L	D + E	D - E	D + L + E	D + L - E	Lantai
3	0	31.24279	141.3639	-95.17067	149.5101	-87.02448	1
3	6.56168	-20.10066	9.655881	-39.37313	4.413844	-44.61517	1
3	13.12336	-70.55629	-122.4786	18.16348	-140.8773	-0.2352543	1
8	0	95.54878	152.0711	-10.76061	176.9646	14.13291	2
8	6.56168	0.6958984	0.4015578	0.5952702	0.5990422	0.7927546	2
8	13.12336	-94.18212	-151.2825	11.92965	-175.7882	-12.57603	2
13	0	96.71679	140.9227	2.255458	166.0504	27.38318	3
13	6.56168	-1.204268	-3.933955	2.130419	-4.236455	1.82792	3
13	13.12336	-99.09189	-148.6814	1.946218	-174.4057	-23.7781	3
18	0	101.827	129.7041	21.14087	156.1086	47.54539	4
18	6.56168	-0.6937368	-5.112812	4.059304	-5.279795	3.892321	4
18	13.12336	-103.201	-139.8301	-13.10137	-166.5653	-39.8366	4
23	0	105.4306	113.702	42.50694	141.0281	69.83312	5
23	6.56168	-1.091786	-6.571717	5.077662	-6.916475	4.732903	5
23	13.12336	-107.6018	-126.7705	-32.40947	-154.7823	-60.42123	5
28	0	102.0167	90.04467	62.23454	115.9217	88.1116	6
28	6.56168	2.670287	-4.057363	6.742018	-2.729403	8.069978	6
28	13.12336	-96.68576	-98.14471	-48.77491	-121.3707	-72.00086	6

P aksial kolom interior portal tepi arah-x (kip)

Elemen	Station	PD	PL	PE	1.2PD + 0.5PL	Lantai
2	0	-249.1653	-61.2619	-7.895045E-02	-329.82931	1
2	6.56168	-248.6684	-61.2619	-7.895045E-02	-329.03303	1
2	13.12336	-248.1715	-61.2619	-7.895045E-02	-328.43675	1
7	0	-200.7091	-49.33305	-5.651159E-02	-265.817445	2
7	6.56168	-200.2122	-49.33305	-5.651159E-02	-264.921165	2
7	13.12336	-199.7153	-49.33305	-5.651159E-02	-264.324885	2
12	0	-153.8361	-37.81453	-3.661625E-02	-203.510585	3
12	6.56168	-153.3392	-37.81453	-3.661625E-02	-202.914305	3
12	13.12336	-152.8423	-37.81453	-3.661625E-02	-202.318025	3
17	0	-107.7337	-26.49199	-0.0175122	-142.523435	4
17	6.56168	-107.2368	-26.49199	-0.0175122	-141.930155	4
17	13.12336	-106.7398	-26.49199	-0.0175122	-141.333755	4
22	0	-62.19956	-15.31498	2.432003E-03	-82.298932	5
22	6.56168	-61.70264	-15.31498	2.432003E-03	-81.700658	5
22	13.12336	-61.20572	-15.31498	2.432003E-03	-81.104354	5
27	0	-16.75399	-4.156707	7.405173E-03	-22.1831415	6
27	6.56168	-16.25707	-4.156707	7.405173E-03	-21.5868375	6
27	13.12336	-15.76015	-4.156707	7.405173E-03	-20.9905335	6

P aksial kolom eksterior kiri portal tepi arah-x (kip)

Elemen	Station	PD	PL	PE	1.2PD + 0.5PL	Lantai
1	0	-122.8383	-29.1188	37.66682	-161.96536	1
1	6.56168	-122.3414	-29.1188	37.66682	-161.36908	1
1	13.12336	-121.8445	-29.1188	37.66682	-160.7728	1
6	0	-101.2616	-24.01821	28.50125	-133.523025	2
6	6.56168	-100.7647	-24.01821	28.50125	-132.926745	2
6	13.12336	-100.2678	-24.01821	28.50125	-132.330465	2
11	0	-78.89395	-18.71262	19.27243	-104.02905	3
11	6.56168	-78.39703	-18.71262	19.27243	-103.432746	3
11	13.12336	-77.90011	-18.71262	19.27243	-102.836442	3
16	0	-56.14122	-13.30909	11.3279	-74.024009	4
16	6.56168	-55.6443	-13.30909	11.3279	-73.427705	4
16	13.12336	-55.14738	-13.30909	11.3279	-72.831401	4
21	0	-33.10451	-7.832858	5.239218	-43.641841	5
21	6.56168	-32.60759	-7.832858	5.239218	-43.045537	5
21	13.12336	-32.11067	-7.832858	5.239218	-42.449233	5
26	0	-10.02366	-2.347283	1.467716	-13.2020335	6
26	6.56168	-9.526736	-2.347283	1.467716	-12.6057247	6
26	13.12336	-9.029814	-2.347283	1.467716	-12.0094183	6

P aksial kolom eksterior kanan portal tepi arah-x (kip)

Elemen	Station	PD	PL	PE	1.2PD + 0.5PL	Lantai
3	0	-122.8417	-29.11963	-37.58787	-161.969855	1
3	6.56168	-122.3447	-29.11963	-37.58787	-161.373455	1
3	13.12336	-121.8478	-29.11963	-37.58787	-160.777175	1
8	0	-101.2661	-24.01933	-28.44474	-133.528985	2
8	6.56168	-100.7691	-24.01933	-28.44474	-132.932585	2
8	13.12336	-100.2722	-24.01933	-28.44474	-132.336305	2
13	0	-78.89821	-18.7137	-19.23581	-104.034702	3
13	6.56168	-78.40129	-18.7137	-19.23581	-103.438398	3
13	13.12336	-77.90437	-18.7137	-19.23581	-102.842094	3
18	0	-56.14486	-13.31002	-11.31038	-74.028842	4
18	6.56168	-55.64794	-13.31002	-11.31038	-73.432538	4
18	13.12336	-55.15102	-13.31002	-11.31038	-72.836234	4
23	0	-33.10715	-7.83353	-5.241651	-43.645345	5
23	6.56168	-32.61023	-7.83353	-5.241651	-43.049041	5
23	13.12336	-32.1133	-7.83353	-5.241651	-42.452725	5
28	0	-10.02503	-2.347636	-1.475121	-13.203854	6
28	6.56168	-9.528114	-2.347636	-1.475121	-12.6075548	6
28	13.12336	-9.031193	-2.347636	-1.475121	-12.0112496	6

P aksial kolom interior portal tengah arah-x (kip)

Elemen	Station	PD	PL	PE	1.2PD + 0.5PL	Lantai
2	0	-372.0947	-122.5288	-7.898316E-02	-507.77804	1
2	6.56168	-371.5977	-122.5288	-7.898316E-02	-507.18164	1
2	13.12336	-371.1008	-122.5288	-7.898316E-02	-506.58536	1
7	0	-300.8457	-98.66938	-5.655051E-02	-410.34953	2
7	6.56168	-300.3488	-98.66938	-5.655051E-02	-409.75325	2
7	13.12336	-299.8519	-98.66938	-5.655051E-02	-409.15697	2
12	0	-232.0018	-75.63171	-3.663828E-02	-316.218015	3
12	6.56168	-231.5049	-75.63171	-3.663828E-02	-315.621735	3
12	13.12336	-231.008	-75.63171	-3.663828E-02	-315.025455	3
17	0	-164.3382	-52.98606	-0.0175226	-223.69887	4
17	6.56168	-163.8413	-52.98606	-0.0175226	-223.10259	4
17	13.12336	-163.3444	-52.98606	-0.0175226	-222.50631	4
22	0	-97.55096	-30.63176	2.428704E-03	-132.377032	5
22	6.56168	-97.05404	-30.63176	2.428704E-03	-131.780728	5
22	13.12336	-96.55712	-30.63176	2.428704E-03	-131.184424	5
27	0	-31.05217	-8.315152	7.401934E-03	-41.42018	6
27	6.56168	-30.55525	-8.315152	7.401934E-03	-40.823876	6
27	13.12336	-30.05833	-8.315152	7.401934E-03	-40.227572	6

Kolom Eksterior Portal Tepi

Lantai	Mpb (k.in)	L (in)	Lc (in)	h (in)	hc (in)	(2Mpb)/L	1.2PD+0.5PL	Pu (Kip)	Mu (K.ft)
6	2214	354.33	336.12	157.476	143.535	12.49682499	13.204	25.700825	88.638701
5	2822.4	354.33	336.12	157.476	143.64	15.93091186	43.645	72.072737	113.07899
4	3672	354.33	336.12	157.476	143.59	20.72644145	74.029	123.18318	147.06686
3	3672	354.33	336.12	157.476	143.515	20.72644145	104.035	173.91562	146.99004
2	4140	354.33	336.12	157.476	143.44	23.36804674	133.529	226.77767	165.63746
1	4140	354.33	336.12	157.476	150.46	23.36804674	161.373	277.98971	173.74381

Kolom Interior Portal Tepi

Lantai	Mpb (k.in)	L (in)	Lc (in)	h (in)	hc (in)	Pu=1.2PD+0.5PL	Mu rencana (K.ft)
6	2214	354.33	336.12	157.476	143.535	22.183	177.277402
5	2822.4	354.33	336.12	157.476	143.64	82.297	226.1579758
4	3672	354.33	336.12	157.476	143.59	142.526	294.1337206
3	3672	354.33	336.12	157.476	143.515	203.51	293.9800885
2	4140	354.33	336.12	157.476	143.44	265.517	331.2749264
1	4140	354.33	336.12	157.476	150.46	329.629	347.4876284
1	4140	354.33	336.12	157.476	150.46	329.629	347.4876284

Kolom Eksterior Portal Tengah

Lantai	Mpb (k.in)	L (in)	Lc (in)	h (in)	hc (in)	(2Mpb)/L	1.2PD+0.5PL	Pu (Kip)	Mu (K.ft)
6	2505.6	354.33	336.12	157.476	143.63	14.14274829	22.589	36.731748	100.37946
5	4140	354.33	336.12	157.476	143.375	23.36804674	68.538	106.0488	165.5624
4	4536	354.33	336.12	157.476	143.31	25.60325121	114.303	177.41705	181.31657
3	4536	354.33	336.12	157.476	143.24	25.60325121	159.469	248.1863	181.22801
2	5004	354.33	336.12	157.476	143.315	28.24485649	203.829	320.79115	200.03081
1	5652	354.33	336.12	157.476	150.47	31.9024638	246.539	395.40362	237.21384

Kolom Interior Portal Tengah

Lantai	Mpb (k.in)	L (in)	Lc (in)	h (in)	hc (in)	Pu=1.2PD+0.5PL	Mu rencana (K.ft)
6	2505.6	354.33	336.12	157.476	143.63	41.42	200.7589194
5	4140	354.33	336.12	157.476	143.375	132.377	331.1248087
4	4536	354.33	336.12	157.476	143.31	223.699	362.6331399
3	4536	354.33	336.12	157.476	143.24	316.218	362.4560111
2	5004	354.33	336.12	157.476	143.315	410.349	400.0616276
1	5652	354.33	336.12	157.476	150.47	507.778	474.4276833

P aksial kolom interior portal tengah arah-x (kip) metode LRFD

Elemen	Station	1.4D	1.2D+1.6L	1.2D+0.5L+E	1.2D+0.5L-E	0.9D+E	0.9D-E	Lantai
2	0	-520.9326	-642.5597	-507.857	-507.699	-334.9642	-334.8062	1
2	6.56168	-520.2368	-641.9634	-507.2607	-507.1027	-334.5169	-334.359	1
2	13.12336	-519.5411	-641.3671	-506.6644	-506.5064	-334.0697	-333.9117	1
7	0	-421.184	-518.8859	-410.4061	-410.293	-270.8177	-270.7046	2
7	6.56168	-420.4883	-518.2896	-409.8098	-409.6967	-270.3705	-270.2574	2
7	13.12336	-419.7926	-517.6933	-409.2135	-409.1004	-269.9232	-269.8102	2
12	0	-324.8026	-399.4129	-316.2547	-316.1814	-208.8383	-208.765	3
12	6.56168	-324.1069	-398.8166	-315.6584	-315.5851	-208.3911	-208.3178	3
12	13.12336	-323.4112	-398.2203	-315.0621	-314.9888	-207.9438	-207.8706	3
17	0	-230.0735	-281.9836	-223.7164	-223.6814	-147.922	-147.8869	4
17	6.56168	-229.3779	-281.3873	-223.1201	-223.0851	-147.4747	-147.4397	4
17	13.12336	-228.6822	-280.791	-222.5238	-222.4888	-147.0275	-146.9924	4
22	0	-136.5714	-166.072	-132.3746	-132.3795	-87.79344	-87.79829	5
22	6.56168	-135.8757	-165.4757	-131.7783	-131.7832	-87.34621	-87.35107	5
22	13.12336	-135.18	-164.8794	-131.182	-131.1869	-86.89898	-86.90384	5
27	0	-43.47304	-50.56685	-41.41278	-41.42759	-27.93955	-27.95436	6
27	6.56168	-42.77735	-49.97054	-40.81647	-40.83128	-27.49232	-27.50713	6
27	13.12336	-42.08166	-49.37424	-40.22017	-40.23497	-27.04509	-27.0599	6

P aksial kolom eksterior kiri portal tengah arah-x (kip) metode LRFD

Elemen	Station	1.4D	1.2D+1.6L	1.2D+0.5L+E	1.2D+0.5L-E	0.9D+E	0.9D-E	Lantai
1	0	-253.6503	-310.5906	-208.4939	-284.5702	-125.0228	-201.099	1
1	6.56168	-252.9546	-309.9944	-207.8976	-283.9739	-124.5755	-200.6518	1
1	13.12336	-252.2589	-309.398	-207.3013	-283.3776	-124.1283	-200.2045	1
6	0	-209.7696	-256.6581	-175.0685	-232.5713	-106.1004	-163.6033	2
6	6.56168	-209.0739	-256.0618	-174.4722	-231.975	-105.6532	-163.1561	2
6	13.12336	-208.3782	-255.4655	-173.8758	-231.3787	-105.206	-162.7089	2
11	0	-164.2068	-200.6269	-140.0505	-178.8708	-86.15134	-124.9716	3
11	6.56168	-163.5111	-200.0306	-139.4542	-178.2745	-85.70412	-124.5244	3
11	13.12336	-162.8154	-199.4343	-138.8578	-177.6781	-85.25689	-124.0772	3
16	0	-117.8182	-143.5745	-102.9062	-125.685	-64.35091	-87.12966	4
16	6.56168	-117.1225	-142.9782	-102.3099	-125.0887	-63.90368	-86.68243	4
16	13.12336	-116.4268	-142.3819	-101.7136	-124.4924	-63.45645	-86.2352	4
21	0	-70.81667	-85.7637	-63.27317	-73.79163	-40.26577	-50.78423	5
21	6.56168	-70.12098	-85.1674	-62.67687	-73.19534	-39.81854	-50.33701	5
21	13.12336	-69.42529	-84.57109	-62.08057	-72.59903	-39.37131	-49.88977	5
26	0	-23.61346	-27.75002	-21.1152	-24.05871	-13.70833	-16.65183	6
26	6.56168	-22.91777	-27.15372	-20.5189	-23.46241	-13.2611	-16.20461	6
26	13.12336	-22.22208	-26.55741	-19.92259	-22.8661	-12.81387	-15.75738	6

P aksial kolom interior portal tengah arah-x (kip) metode ASD

Elemen	Station	D+L	D+E	D-E	D+L+E	D+L-E	Lantai
2	0	-494.6235	-372.1736	-372.0157	-494.7025	-494.5445	1
2	6.56168	-494.1266	-371.6767	-371.5187	-494.2055	-494.0476	1
2	13.12336	-493.6296	-371.1798	371.0218	-493.7086	-493.5507	1
7	0	-399.5151	-300.9023	-300.7892	-399.5717	-399.4586	2
7	6.56168	-399.0182	-300.4054	-300.2923	-399.0747	-398.9616	2
7	13.12336	-398.5213	-299.9084	-299.7953	-398.5778	-398.4647	2
12	0	-307.6335	-232.0385	-231.9652	-307.6702	-307.5969	3
12	6.56168	-307.1366	-231.5416	-231.4683	-307.1732	-307.1	3
12	13.12336	-306.6397	-231.0446	-230.9714	-306.6763	-306.6031	3
17	0	-217.3243	-164.3558	-164.3207	-217.3418	-217.3068	4
17	6.56168	-216.8274	-163.8589	-163.8238	-216.8449	-216.8099	4
17	13.12336	-216.3305	-163.3619	-163.3269	-216.348	-216.3129	4
22	0	-128.1827	-97.54854	-97.55339	-128.1803	-128.1852	5
22	6.56168	-127.6858	-97.05161	-97.05647	-127.6834	-127.6882	5
22	13.12336	-127.1889	-96.5547	-96.55955	-127.1865	-127.1913	5
27	0	-39.36732	-31.04477	-31.05957	-39.35992	-39.37473	6
27	6.56168	-38.8704	-30.54785	-30.56265	-38.863	-38.8778	6
27	13.12336	-38.37348	-30.05093	-30.06573	-38.36608	-38.38088	6

P aksial kolom eksterior kiri portal tengah arah-x (kip) metode ASD

Elemen	Station	D+L	D+E	D-E	D+L+E	D+L-E	Lantai
1	0	-239.4138	-143.1406	-219.2169	-201.3757	-277.452	1
1	6.56168	-238.9169	-142.6437	-218.72	-200.8788	-276.955	1
1	13.12336	-238.42	-142.1468	-218.223	-200.3819	-276.4581	1
6	0	-197.8702	-121.084	-178.5869	-169.1188	-226.6216	2
6	6.56168	-197.3733	-120.5871	-178.0899	-168.6218	-226.1247	2
6	13.12336	-196.8763	-120.0901	-177.593	-168.1249	-225.6278	2
11	0	-154.7144	-97.8804	-136.7007	-135.3043	-174.1246	3
11	6.56168	-154.2175	-97.38348	-136.2038	-134.8074	-173.6277	3
11	13.12336	-153.7206	-96.88656	-135.7068	-134.3105	-173.1308	3
16	0	-110.773	-72.76649	-95.54525	-99.38364	-122.1624	4
16	6.56168	-110.2761	-72.26957	-95.04832	-98.88672	-121.6655	4
16	13.12336	-109.7792	-71.77265	-94.55141	-98.3898	-121.1686	4
21	0	-66.24815	-45.3241	-55.84256	-60.98891	-71.50738	5
21	6.56168	-65.75123	-44.82718	-55.34565	-60.492	-71.01046	5
21	13.12336	-65.2543	-44.33026	-54.84872	-59.99508	-70.51353	5
26	0	-21.56045	-15.395	-18.33851	-20.0887	-23.03221	6
26	6.56168	-21.06353	-14.89808	-17.84159	-19.59178	-22.53529	6
26	13.12336	-20.56661	-14.40116	-17.34467	-19.09486	-22.03837	6

Momen Kolom Interior Portal Tengah Arah-X (kft) untuk metode LRFD

Elemen	Station	1.4D	1.2D+1.6L	1.2D+0.5L+E	1.2D+0.5L-E	0.9D+E	0.9D-E	Lantai
2	0	1.765923E-03	2.20649E-03	134.9582	-134.9548	134.9576	-134.9554	1
2	6.56168	2.751465E-03	3.465096E-03	13.29542	-13.29002	13.29449	-13.29095	1
2	13.12336	3.521336E-03	4.452095E-03	-109.4095	109.4165	-109.4107	109.4153	1
7	0	-5.89E-03	-7.444199E-03	134.4205	-134.4321	134.4225	-134.4301	2
7	6.56168	-2.027856E-03	-2.557403E-03	1.13694	-1.140928	1.13763	-1.140238	2
7	13.12336	1.966138E-03	2.491673E-03	-132.2188	132.2227	-132.2195	132.222	2
12	0	6.730604E-03	8.478495E-03	116.5539	-116.5406	116.5516	-116.5429	3
12	6.56168	1.499509E-04	1.917471E-04	-1.636888	1.637184	-1.636939	1.637132	3
12	13.12336	-6.438043E-03	-8.10439E-03	-119.7475	119.7348	-119.7453	119.737	3
17	0	4.463206E-03	5.618116E-03	93.76866	-93.7599	93.76715	-93.76141	4
17	6.56168	-6.905813E-04	-8.692165E-04	-2.556056	2.554699	-2.555821	2.554934	4
17	13.12336	-5.820442E-03	-7.326434E-03	-98.79222	98.78078	-98.79025	98.78276	4
22	0	4.621591E-03	5.789494E-03	64.29215	-64.28309	64.29059	-64.28465	5
22	6.56168	-3.997214E-04	-5.130093E-04	-3.194259	3.193468	-3.194121	3.193607	5
22	13.12336	-5.41286E-03	-6.805023E-03	-70.61535	70.60472	-70.61351	70.60655	5
27	0	5.108747E-03	6.279062E-03	30.60543	-30.59549	30.60375	-30.59718	6
27	6.56168	-7.162485E-04	-8.365774E-04	-3.617762	3.616395	-3.617539	3.616618	6
27	13.12336	-6.536775E-03	-7.946998E-03	-37.81839	37.80572	-37.81626	37.80785	6

Momen Kolom Eksterior Kiri Portal Tengah Arah-X (kft) untuk metode LRFD

Elemen	Station	1.4D	1.2D+1.6L	1.2D+0.5L+E	1.2D+0.5L-E	0.9D+E	0.9D-E	Lantai
1	0	-32.25438	-40.64794	87.19551	-150.6146	98.17007	-139.64	1
1	6.56168	20.74611	26.14706	44.95573	-4.163039	37.89617	-11.2226	1
1	13.12336	73.08046	92.10249	1.272441	142.4222	-23.59456	117.5552	1
6	0	-98.91009	-124.6068	-15.60452	-178.8474	18.03637	-145.2065	2
6	6.56168	-0.6848015	-0.8976378	-0.7841383	-0.5839729	-0.5403123	-0.3401468	2
6	13.12336	97.55896	122.8358	14.0574	177.6952	-19.10241	144.5354	2
11	0	-100.2271	-126.1143	-28.94152	-168.0047	5.099882	-133.9633	3
1	6.56168	1.262182	1.565774	-1.795991	4.262172	-2.217679	3.840484	3
1	13.12336	102.7242	129.212	25.38831	176.437	-9.487369	141.5613	3
6	0	-105.594	-132.7574	-49.24376	-158.1797	-13.41389	-122.3498	4
6	6.56168	0.7385529	0.9006798	-3.862146	5.295508	-4.104043	5.053611	4
6	13.12336	107.0594	134.5445	41.58068	168.6868	5.270849	132.377	4
1	0	-109.3501	-137.452	-71.56981	-143.2146	-34.47409	-106.1188	5
1	6.56168	1.046339	1.448623	-4.813643	6.952218	-5.210284	6.555577	5
1	13.12336	111.4326	140.3352	61.98924	157.0515	24.10408	119.1664	5
6	0	-106.601	-132.7779	-90.64434	-117.9787	-54.86202	-82.19637	6
6	6.56168	-1.877747	-3.733665	-7.722686	3.176086	-6.656509	4.242263	6
6	13.12336	102.8514	125.3223	75.22327	124.3209	41.56995	90.66755	6

Perhitungan Momen Tengah Arah - x (Kft)

Elemen	Station	D	1.4 D	1.2D + 1.6L	1.2D + 0.5L + E	1.2D + 0.5L - E	0.9D + E	0.9D - E	D + L	D + E	D - E	D + L + E	D + L - E	Lantai
4	0	4.965034	6.951048	8.74789	6.515224	7.144514	4.153886	4.783175	-166.1559	29.34589	-275.0467	-13.95966	-318.3522	1
4	14.76378	4.965034	6.951048	8.74789	6.515224	7.144514	4.153886	4.783175	184.8236	148.6268	118.4785	199.8977	169.7494	1
4	29.52756	4.965034	6.951048	8.74789	6.515224	7.144514	4.153886	4.783175	-262.2466	-315.4264	-71.38279	-384.2684	-140.2247	1
5	0	4.965359	6.951502	8.748462	4.854764	8.805867	2.493271	6.444375	-262.2557	-71.59383	-315.2289	-140.4382	-384.0732	1
5	14.76378	4.965359	6.951502	8.748462	4.854764	8.805867	2.493271	6.444375	184.8504	118.6224	148.5226	169.9003	199.8005	1
5	29.52756	4.965359	6.951502	8.748462	4.854764	8.805867	2.493271	6.444375	-166.1051	-274.5497	28.92409	-317.842	-14.36817	1
9	0	0.3506854	0.4909595	0.5969676	-2.869288	3.821024	-3.02954	3.660773	-190.9127	10.07472	-292.6262	-39.56228	-342.2632	2
9	14.76378	0.3506854	0.4909595	0.5969676	-2.869288	3.821024	-3.02954	3.660773	183.9302	146.3584	119.4686	197.3751	170.4853	2
9	29.52756	0.3506854	0.4909595	0.5969676	-2.869288	3.821024	-3.02954	3.660773	-239.3427	-300.7777	-51.8354	-363.8139	-114.8715	2
10	0	0.3495509	0.4893713	0.5949647	-0.7916865	1.740298	-0.9513966	1.580588	-239.3381	-52.00638	-300.6	-115.0413	-363.6349	2
10	14.76378	0.3495509	0.4893713	0.5949647	-0.7916865	1.740298	-0.9513966	1.580588	183.9322	119.592	146.2378	170.6093	197.2551	2
10	29.52756	0.3495509	0.4893713	0.5949647	-0.7916865	1.740298	-0.9513966	1.580588	-190.8989	-292.2052	9.674189	-341.8386	-39.95922	2
14	0	0.5281547	0.7394166	0.9126755	-4.300033	5.74191	-4.545632	5.496311	-200.9306	-18.80638	-278.791	-70.93826	-330.9229	3
14	14.76378	0.5281547	0.7394166	0.9126755	-4.300033	5.74191	-4.545632	5.496311	185.5316	145.6986	122.5265	197.1176	173.9455	3
14	29.52756	0.5281547	0.7394166	0.9126755	-4.300033	5.74191	-4.545632	5.496311	-226.134	-273.228	-59.56049	-332.9678	-119.3003	3
15	0	0.5283008	0.7396211	0.9129334	-1.202204	2.644483	-1.447873	2.398814	-226.1235	-59.71478	-273.0581	-119.4518	-332.7952	3
15	14.76378	0.5283008	0.7396211	0.9129334	-1.202204	2.644483	-1.447873	2.398814	185.5312	122.6486	145.576	174.0675	196.995	3
15	29.52756	0.5283008	0.7396211	0.9129334	-1.202204	2.644483	-1.447873	2.398814	-200.9189	-278.3854	-19.19465	-330.5143	-71.3235	3
19	0	0.4426078	0.6196509	0.79932	-6.138661	7.368539	-6.355253	7.151947	-208.6424	-55.20275	-253.9536	-109.267	-308.0178	4
19	14.76378	0.4426078	0.6196509	0.79932	-6.138661	7.368539	-6.355253	7.151947	186.4589	143.7014	125.9318	195.3437	177.5741	4
19	29.52756	0.4426078	0.6196509	0.79932	-6.138661	7.368539	-6.355253	7.151947	-216.5826	-240.8385	-77.59722	-298.2032	-134.9619	4
20	0	0.442614	0.6196595	0.7993336	-1.935036	3.164932	-2.151632	2.948337	-216.5725	-77.75693	-240.6639	-135.119	-298.0259	4
20	14.76378	0.442614	0.6196595	0.7993336	-1.935036	3.164932	-2.151632	2.948337	186.4533	126.0559	143.5689	177.6968	195.2098	4
20	29.52756	0.442614	0.6196595	0.7993336	-1.935036	3.164932	-2.151632	2.948337	-208.6316	-253.532	-55.60831	-307.5934	-109.6697	4
24	0	-0.6163002	-0.8628203	-1.499582	-9.230858	7.276724	-8.808461	7.699121	-209.6303	-94.53993	-216.9366	-148.4319	-270.8286	5
24	14.76378	-0.6163002	-0.8628203	-1.499582	-9.230858	7.276724	-8.808461	7.699121	187.9181	141.1126	130.518	193.2154	182.8208	5
24	29.52756	-0.6163002	-0.8628203	-1.499582	-9.230858	7.276724	-8.808461	7.699121	-212.7045	-206.6991	-105.4639	-263.3216	-162.0874	5
25	0	-0.6163915	-0.8629481	-1.499712	-4.280614	2.326248	-3.858184	2.748679	-212.6944	-105.4801	-206.6669	-162.1011	-263.2878	5
25	14.76378	-0.6163915	-0.8629481	-1.499712	-4.280614	2.326248	-3.858184	2.748679	187.9091	130.5595	141.0579	182.6599	193.1584	5
25	29.52756	-0.6163915	-0.8629481	-1.499712	-4.280614	2.326248	-3.858184	2.748679	-209.6184	-216.8152	-94.544	-270.704	-148.5328	5
29	0	-11.40076	-15.96106	-19.66818	-23.66932	-7.434546	-18.37807	-2.143295	-96.69276	-48.91648	-98.01408	-72.14396	-121.2416	6
29	14.76378	-11.40076	-15.96106	-19.66818	-23.66932	-7.434546	-18.37807	-2.143295	104.1459	83.26825	77.56065	106.9997	101.2921	6
29	29.52756	-11.40076	-15.96106	-19.66818	-23.66932	-7.434546	-18.37807	-2.143295	-75.96573	-79.6009	-41.88252	-94.82492	-57.10654	6
30	0	-11.40012	-15.96017	-19.6671	-18.47832	-12.62382	-13.18736	-7.332861	-75.95959	-41.78418	-79.6899	-57.00673	-94.91245	6
30	14.76378	-11.40012	-15.96017	-19.6671	-18.47832	-12.62382	-13.18736	-7.332861	104.1341	77.5323	83.2784	101.261	107.0071	6
30	29.52756	-11.40012	-15.96017	-19.6671	-18.47832	-12.62382	-13.18736	-7.332861	-96.68576	-98.14471	-48.77491	-121.3707	-72.00086	6

P aksial kolom interior portal tepi arah-x (kip) metode LRFD

Elemen	Station	1.4D	1.2D+1.6L	1.2D+0.5L+E	1.2D+0.5L-E	0.9D+E	0.9D-E	Lantai
2	0	-348.8315	-397.0175	-329.7083	-329.5504	-224.3278	-224.1699	1
2	6.56168	-348.1358	-396.4212	-329.112	-328.9541	-223.8806	-223.7227	1
2	13.12336	-347.4401	-395.8249	-328.5157	-328.3578	-223.4333	-223.2754	1
7	0	-280.9928	-319.7838	-265.574	-265.461	-180.6947	-180.5817	2
7	6.56168	-280.2971	-319.1876	-264.9777	-264.8647	-180.2475	-180.1345	2
7	13.12336	-279.6014	-318.5912	-264.3814	-264.2684	-179.8003	-179.6873	2
12	0	-215.3706	-245.1066	-203.5472	-203.474	-138.4891	-138.4159	3
12	6.56168	-214.6749	-244.5103	-202.9509	-202.8777	-138.0419	-137.9687	3
12	13.12336	-213.9792	-243.914	-202.3546	-202.2814	-137.5947	-137.5214	3
17	0	-150.8271	-171.6676	-142.5439	-142.5089	-96.97782	-96.94279	4
17	6.56168	-150.1315	-171.0713	-141.9476	-141.9126	-96.53059	-96.49557	4
17	13.12336	-149.4358	-170.475	-141.3513	-141.3163	-96.08336	-96.04833	4
22	0	-87.07938	-99.14344	-82.29453	-82.29939	-55.97717	-55.98204	5
22	6.56168	-86.3837	-98.54713	-81.69823	-81.70309	-55.52995	-55.53481	5
22	13.12336	-85.688	-97.95083	-81.10192	-81.10678	-55.08271	-55.08758	5
27	0	-23.45559	-26.75552	-22.17574	-22.19055	-15.07119	-15.086	6
27	6.56168	-22.7599	-26.15922	-21.57943	-21.59424	-14.62396	-14.63877	6
27	13.12336	-22.06421	-25.56291	-20.98313	-20.99794	-14.17673	-14.19154	6

P aksial kolom eksterior kiri portal tepi arah-x (kip) metode LRFD

Elemen	Station	1.4D	1.2D+1.6L	1.2D+0.5L+E	1.2D+0.5L-E	0.9D+E	0.9D-E	Lantai
1	0	-171.9737	-193.9961	-124.2986	-199.6322	-72.88769	-148.2213	1
1	6.56168	-171.278	-193.3998	-123.7023	-199.0359	-72.44046	-147.7741	1
1	13.12336	-170.5823	-192.8035	-123.106	-198.4396	-71.99323	-147.3269	1
6	0	-141.7663	-159.9431	-105.0218	-162.0243	-62.63421	-119.6367	2
6	6.56168	-141.0706	-159.3468	-104.4255	-161.428	-62.18698	-119.1895	2
6	13.12336	-140.3749	-158.7505	-103.8292	-160.8317	-61.73976	-118.7423	2
11	0	-110.4515	-124.6129	-84.75662	-123.3015	-51.73213	-90.27699	3
11	6.56168	-109.7558	-124.0166	-84.16032	-122.7052	-51.2849	-89.82975	3
11	13.12336	-109.0602	-123.4203	-83.56401	-122.1089	-50.83767	-89.38252	3
16	0	-78.59771	-88.66401	-62.69611	-85.35191	-39.1992	-61.855	4
16	6.56168	-77.90202	-88.0677	-62.0998	-84.7556	-38.75197	-61.40776	4
16	13.12336	-77.20633	-87.4714	-61.5035	-84.15929	-38.30474	-60.96054	4
21	0	-46.34631	-52.25798	-38.40262	-48.88106	-24.55484	-35.03328	5
21	6.56168	-45.65062	-51.66168	-37.80632	-48.28475	-24.10761	-34.58605	5
21	13.12336	-44.95493	-51.06537	-37.21001	-47.68845	-23.66038	-34.13882	5
26	0	-14.03312	-15.78404	-11.73431	-14.66975	-7.553576	-10.48901	6
26	6.56168	-13.33743	-15.18774	-11.13801	-14.07344	-7.106347	-10.04178	6
26	13.12336	-12.64174	-14.59143	-10.5417	-13.47713	-6.659117	-9.594549	6

P aksial kolom interior portal tepi arah-x (kip) metode ASD

Elemen	Station	D+L	D+E	D-E	D+L+E	D+L-E	Lantai
2	0	-310.4272	-249.2443	-249.0864	-310.5062	-310.3483	1
2	6.56168	-309.9304	-248.7474	-248.5895	-310.0093	-309.8514	1
2	13.12336	-309.4334	-248.2505	-248.0926	-309.5124	-309.3545	1
7	0	-250.0422	-200.7657	-200.6526	-250.0987	-249.9857	2
7	6.56168	-249.5453	-200.2687	-200.1557	-249.6018	-249.4888	2
7	13.12336	-249.0484	-199.7718	-199.6588	-249.1049	-248.9918	2
12	0	-191.6507	-153.8727	-153.7995	-191.6873	-191.614	3
12	6.56168	-191.1537	-153.3758	-153.3026	-191.1904	-191.1171	3
12	13.12336	-190.6568	-152.8789	-152.8057	-190.6934	-190.6202	3
17	0	-134.2257	-107.7512	-107.7162	-134.2432	-134.2082	4
17	6.56168	-133.7287	-107.2543	-107.2192	-133.7463	-133.7112	4
17	13.12336	-133.2318	-106.7573	-106.7223	-133.2493	-133.2143	4
22	0	-77.51454	-62.19713	-62.20199	-77.51211	-77.51698	5
22	6.56168	-77.01762	-61.70021	-61.70507	-77.01519	-77.02005	5
22	13.12336	-76.5207	-61.20329	-61.20815	-76.51826	-76.52313	5
27	0	-20.9107	-16.74658	-16.76139	-20.90329	-20.9181	6
27	6.56168	-20.41378	-16.24966	-16.26447	-20.40637	-20.42118	6
27	13.12336	-19.91685	-15.75274	-15.76755	-19.90945	-19.92426	6

P aksial kolom eksterior kiri portal tepi arah-x (kip) metode ASD

Elemen	Station	D+L	D+E	D-E	D+L+E	D+L-E	Lantai
1	0	-151.9572	-85.17152	-160.5052	-114.2903	-189.624	1
1	6.56168	-151.4602	-84.67461	-160.0083	-113.7934	-189.1271	1
1	13.12336	-150.9633	-84.17767	-159.5113	-113.2965	-188.6301	1
6	0	-125.2798	-72.76038	-129.7629	-96.77858	-153.7811	2
6	6.56168	-124.7829	-72.26345	-129.2659	-96.28165	-153.2841	2
6	13.12336	-124.286	-71.76654	-128.769	-95.78474	-152.7872	2
11	0	-97.60657	-59.62152	-98.16637	-78.33414	-116.879	3
11	6.56168	-97.10964	-59.1246	-97.66946	-77.83722	-116.3821	3
11	13.12336	-96.61272	-58.62768	-97.17253	-77.34029	-115.8851	3
16	0	-69.45031	-44.81332	-67.46912	-58.12241	-80.77821	4
16	6.56168	-68.95339	-44.3164	-66.9722	-57.62549	-80.28129	4
16	13.12336	-68.45647	-43.81948	-66.47527	-57.12857	-79.78436	4
21	0	-40.93737	-27.86529	-38.34373	-35.69815	-46.17659	5
21	6.56168	-40.44044	-27.36837	-37.84681	-35.20123	-45.67966	5
21	13.12336	-39.94352	-26.87145	-37.34988	-34.7043	-45.18274	5
26	0	-12.37094	-8.555941	-11.49137	-10.90322	-13.83866	6
26	6.56168	-11.87402	-8.05902	-10.99445	-10.4063	-13.34174	6
26	13.12336	-11.3771	-7.562098	-10.49753	-9.909382	-12.84481	6

Lampiran 21

P aksial kolom interior portal tengah arah-x (kip) metode LRFD

Elemen	Station	1.4D	1.2D+1.6L	1.2D+0.5L+E	1.2D+0.5L-E	0.9D+E	0.9D-E	Lantai
2	0	-520.9326	-642.5597	-507.857	-507.699	-334.9642	-334.8062	1
2	6.56168	-520.2368	-641.9634	-507.2607	-507.1027	-334.5169	-334.359	1
2	13.12336	-519.5411	-641.3671	-506.6644	-506.5064	-334.0697	-333.9117	1
7	0	-421.184	-518.8859	-410.4061	-410.293	-270.8177	-270.7046	2
7	6.56168	-420.4883	-518.2896	-409.8098	-409.6967	-270.3705	-270.2574	2
7	13.12336	-419.7926	-517.6933	-409.2135	-409.1004	-269.9232	-269.8102	2
12	0	-324.8026	-399.4129	-316.2547	-316.1814	-208.8383	-208.765	3
12	6.56168	-324.1069	-398.8166	-315.6584	-315.5851	-208.3911	-208.3178	3
12	13.12336	-323.4112	-398.2203	-315.0621	-314.9888	-207.9438	-207.8706	3
17	0	-230.0735	-281.9836	-223.7164	-223.6814	-147.922	-147.8869	4
17	6.56168	-229.3779	-281.3873	-223.1201	-223.0851	-147.4747	-147.4397	4
17	13.12336	-228.6822	-280.791	-222.5238	-222.4888	-147.0275	-146.9924	4
22	0	-136.5714	-166.072	-132.3746	-132.3795	-87.79344	-87.79829	5
22	6.56168	-135.8757	-165.4757	-131.7783	-131.7832	-87.34621	-87.35107	5
22	13.12336	-135.18	-164.8794	-131.182	-131.1869	-86.89898	-86.90384	5
27	0	-43.47304	-50.56685	-41.41278	-41.42759	-27.93955	-27.95436	6
27	6.56168	-42.77735	-49.97054	-40.81647	-40.83128	-27.49232	-27.50713	6
27	13.12336	-42.08166	-49.37424	-40.22017	-40.23497	-27.04509	-27.0599	6

P aksial kolom eksterior kiri portal tengah arah-x (kip) metode LRFD

Elemen	Station	1.4D	1.2D+1.6L	1.2D+0.5L+E	1.2D+0.5L-E	0.9D+E	0.9D-E	Lantai
1	0	-253.6503	-310.5906	-208.4939	-284.5702	-125.0228	-201.099	1
1	6.56168	-252.9546	-309.9944	-207.8976	-283.9739	-124.5755	-200.6518	1
1	13.12336	-252.2589	-309.398	-207.3013	-283.3776	-124.1283	-200.2045	1
6	0	-209.7696	-256.6581	-175.0685	-232.5713	-106.1004	-163.6033	2
6	6.56168	-209.0739	-256.0618	-174.4722	-231.975	-105.6532	-163.1561	2
6	13.12336	-208.3782	-255.4655	-173.8758	-231.3787	-105.206	-162.7089	2
11	0	-164.2068	-200.6269	-140.0505	-178.8708	-86.15134	-124.9716	3
11	6.56168	-163.5111	-200.0306	-139.4542	-178.2745	-85.70412	-124.5244	3
11	13.12336	-162.8154	-199.4343	-138.8578	-177.6781	-85.25689	-124.0772	3
16	0	-117.8182	-143.5745	-102.9062	-125.685	-64.35091	-87.12966	4
16	6.56168	-117.1225	-142.9782	-102.3099	-125.0887	-63.90368	-86.68243	4
16	13.12336	-116.4268	-142.3819	-101.7136	-124.4924	-63.45645	-86.2352	4
21	0	-70.81667	-85.7637	-63.27317	-73.79163	-40.26577	-50.78423	5
21	6.56168	-70.12098	-85.1674	-62.67687	-73.19534	-39.81854	-50.33701	5
21	13.12336	-69.42529	-84.57109	-62.08057	-72.59903	-39.37131	-49.88977	5
26	0	-23.61346	-27.75002	-21.1152	-24.05871	-13.70833	-16.65183	6
26	6.56168	-22.91777	-27.15372	-20.5189	-23.46241	-13.2611	-16.20461	6
26	13.12336	-22.22208	-26.55741	-19.92259	-22.8661	-12.81387	-15.75738	6

P aksial kolom interior portal tengah arah-x (kip) metode ASD

Elemen	Station	D+L	D+E	D-E	D+L+E	D+L-E	Lantai
2	0	-494.6235	-372.1736	-372.0157	-494.7025	-494.5445	1
2	6.56168	-494.1266	-371.6767	-371.5187	-494.2055	-494.0476	1
2	13.12336	-493.6296	-371.1798	-371.0218	-493.7086	-493.5507	1
7	0	-399.5151	-300.9023	-300.7892	-399.5717	-399.4586	2
7	6.56168	-399.0182	-300.4054	-300.2923	-399.0747	-398.9616	2
7	13.12336	-398.5213	-299.9084	-299.7953	-398.5778	-398.4647	2
12	0	-307.6335	-232.0385	-231.9652	-307.6702	-307.5969	3
12	6.56168	-307.1366	-231.5416	-231.4683	-307.1732	-307.1	3
12	13.12336	-306.6397	-231.0446	-230.9714	-306.6763	-306.6031	3
17	0	-217.3243	-164.3558	-164.3207	-217.3418	-217.3068	4
17	6.56168	-216.8274	-163.8589	-163.8238	-216.8449	-216.8099	4
17	13.12336	-216.3305	-163.3619	-163.3269	-216.348	-216.3129	4
22	0	-128.1827	-97.54854	-97.55339	-128.1803	-128.1852	5
22	6.56168	-127.6858	-97.05161	-97.05647	-127.6834	-127.6882	5
22	13.12336	-127.1889	-96.5547	-96.55955	-127.1865	-127.1913	5
27	0	-39.36732	-31.04477	-31.05957	-39.35992	-39.37473	6
27	6.56168	-38.8704	-30.54785	-30.56265	-38.863	-38.8778	6
27	13.12336	-38.37348	-30.05093	-30.06573	-38.36608	-38.38088	6

P aksial kolom eksterior kiri portal tengah arah-x (kip) metode ASD

Elemen	Station	D+L	D+E	D-E	D+L+E	D+L-E	Lantai
1	0	-239.4138	-143.1406	-219.2169	-201.3757	-277.452	1
1	6.56168	-238.9169	-142.6437	-218.72	-200.8788	-276.955	1
1	13.12336	-238.42	-142.1468	-218.223	-200.3819	-276.4581	1
6	0	-197.8702	-121.084	-178.5869	-169.1188	-226.6216	2
6	6.56168	-197.3733	-120.5871	-178.0899	-168.6218	-226.1247	2
6	13.12336	-196.8763	-120.0901	-177.593	-168.1249	-225.6278	2
11	0	-154.7144	-97.8804	-136.7007	-135.3043	-174.1246	3
11	6.56168	-154.2175	-97.38348	-136.2038	-134.8074	-173.6277	3
11	13.12336	-153.7206	-96.88656	-135.7068	-134.3105	-173.1308	3
16	0	-110.773	-72.76649	-95.54525	-99.38364	-122.1624	4
16	6.56168	-110.2761	-72.26957	-95.04832	-98.88672	-121.6655	4
16	13.12336	-109.7792	-71.77265	-94.55141	-98.3898	-121.1686	4
21	0	-66.24815	-45.3241	-55.84256	-60.98891	-71.50738	5
21	6.56168	-65.75123	-44.82718	-55.34565	-60.492	-71.01046	5
21	13.12336	-65.2543	-44.33026	-54.84872	-59.99508	-70.51353	5
26	0	-21.56045	-15.395	-18.33851	-20.0887	-23.03221	6
26	6.56168	-21.06353	-14.89808	-17.84159	-19.59178	-22.53529	6
26	13.12336	-20.56661	-14.40116	-17.34467	-19.09486	-22.03837	6

Momen Kolom Interior Portal Tepi Arah-X (kft) untuk metode LRFD

Elemen	Station	1.4D	1.2D+1.6L	1.2D+0.5L+E	1.2D+0.5L-E	0.9D+E	0.9D-E	Lantai
2	0	1.139181E-03	1.315341E-03	133.5038	-133.5016	133.5034	-133.502	1
2	6.56168	1.782148E-03	2.07046E-03	13.06951	-13.06611	13.06896	-13.06667	1
2	13.12336	2.337059E-03	2.723278E-03	-108.0105	108.015	-108.0113	108.0143	1
7	0	-3.868949E-03	-4.504401E-03	132.6974	-132.7048	132.6986	-132.7036	2
7	6.56168	-1.316846E-03	-1.531262E-03	1.130433	-1.132942	1.130841	-1.132534	2
7	13.12336	1.287729E-03	1.502893E-03	-130.4816	130.4841	-130.482	130.4837	2
12	0	4.374621E-03	5.084596E-03	115.3313	-115.323	115.33	-115.3244	3
12	6.56168	9.691543E-05	1.138831E-04	-1.585073	1.585258	-1.585104	1.585228	3
12	13.12336	-4.183753E-03	-4.860311E-03	-118.453	118.4451	-118.4517	118.4464	3
17	0	2.930322E-03	3.401734E-03	93.0502	-93.04462	93.0493	-93.04553	4
17	6.56168	-4.512248E-04	-5.233664E-04	-2.503853	2.502994	-2.503714	2.503133	4
17	13.12336	-3.823107E-03	-4.437258E-03	-98.00429	97.99701	-98.00311	97.99819	4
22	0	3.012527E-03	3.494652E-03	63.98035	-63.97462	63.97942	-63.97555	5
22	6.56168	-2.778858E-04	-3.225635E-04	-3.155637	3.155107	-3.155551	3.155194	5
22	13.12336	-3.564867E-03	-4.135795E-03	-70.25266	70.24586	-70.25155	70.24697	5
27	0	3.15956E-03	3.658412E-03	30.53745	-30.53144	30.53648	-30.53242	6
27	6.56168	-3.745411E-04	-4.315622E-04	-3.597464	3.596753	-3.597349	3.596867	6
27	13.12336	-3.907414E-03	-4.520122E-03	-37.72059	37.71316	-37.71939	37.71436	6

Momen Kolom Eksterior Kiri Portal Tepi Arah-X (kft) untuk metode LRFD

men	Station	1.4D	1.2D+1.6L	1.2D+0.5L+E	1.2D+0.5L-E	0.9D+E	0.9D-E	Lantai
1	0	-21.24765	-24.69698	97.31599	-137.7935	103.8955	-131.2139	1
1	6.56168	13.65817	15.87648	37.18543	-11.1655	32.95572	-15.39521	1
	13.12336	48.31499	56.16049	-23.62309	115.6661	-38.58493	100.7042	1
	0	-65.31599	-75.89912	18.32805	-142.7446	38.54745	-122.5252	2
	6.56168	-0.44763	-0.5368811	-0.5030406	-0.360074	-0.3592454	-0.2162788	2
	13.12336	64.42764	74.83365	-19.32636	142.03	-39.2604	122.0959	2
	0	-66.17304	-76.8252	5.827426	-131.8328	26.29032	-111.3699	3
	6.56168	0.8246202	0.9483815	-2.150077	3.714689	-2.40227	3.462496	3
	13.12336	67.81199	78.71012	-10.10074	139.2158	-31.06487	118.2517	3
	0	-69.66319	-80.83688	-12.22596	-120.4001	9.303611	-98.87057	4
	6.56168	0.4623385	0.5303698	-4.046776	4.923156	-4.187748	4.782184	4
	13.12336	70.5836	81.89271	4.169825	130.2009	-17.64038	108.3907	4
	0	-72.16057	-83.71403	-33.00068	-104.367	-10.70579	-82.07207	5
	6.56168	0.8960339	1.044058	-4.959138	6.667715	-5.237405	6.389449	5
	13.12336	73.94757	85.79624	23.11043	117.6647	0.2605844	94.81486	5
	0	-68.54009	-79.45084	-51.55507	-78.8811	-30.39847	-57.7245	6
	6.56168	-3.292028	-3.883519	-8.571819	2.264731	-7.534578	3.301972	6
	13.12336	61.96154	71.69028	34.42575	83.40677	15.34191	64.32292	6

Lampiran 24

Momen Kolom Interior Portal Tengah Arah-X (kft) untuk metode LRFD

Elemen	Station	1.4D	1.2D+1.6L	1.2D+0.5L+E	1.2D+0.5L-E	0.9D+E	0.9D-E	Lantai
2	0	1.765923E-03	2.20649E-03	134.9582	-134.9548	134.9576	-134.9554	1
2	6.56168	2.751465E-03	3.465096E-03	13.29542	-13.29002	13.29449	-13.29095	1
2	13.12336	3.521336E-03	4.452095E-03	-109.4095	109.4165	-109.4107	109.4153	1
7	0	-5.89E-03	-7.444199E-03	134.4205	-134.4321	134.4225	-134.4301	2
7	6.56168	-2.027856E-03	-2.557403E-03	1.13694	-1.140928	1.13763	-1.140238	2
7	13.12336	1.966138E-03	2.491673E-03	-132.2188	132.2227	-132.2195	132.222	2
12	0	6.730604E-03	8.478495E-03	116.5539	-116.5406	116.5516	-116.5429	3
12	6.56168	1.499509E-04	1.917471E-04	-1.636888	1.637184	-1.636939	1.637132	3
12	13.12336	-6.438043E-03	-8.10439E-03	-119.7475	119.7348	-119.7453	119.737	3
17	0	4.463206E-03	5.618116E-03	93.76866	-93.7599	93.76715	-93.76141	4
17	6.56168	-6.905813E-04	-8.692165E-04	-2.556056	2.554699	-2.555821	2.554934	4
17	13.12336	-5.820442E-03	-7.326434E-03	-98.79222	98.78078	-98.79025	98.78276	4
22	0	4.621591E-03	5.789494E-03	64.29215	-64.28309	64.29059	-64.28465	5
22	6.56168	-3.997214E-04	-5.130093E-04	-3.194259	3.193468	-3.194121	3.193607	5
22	13.12336	-5.41286E-03	-6.805023E-03	-70.61535	70.60472	-70.61351	70.60655	5
27	0	5.108747E-03	6.279062E-03	30.60543	-30.59549	30.60375	-30.59718	6
27	6.56168	-7.162485E-04	-8.365774E-04	-3.617762	3.616395	-3.617539	3.616618	6
27	13.12336	-6.536775E-03	-7.946998E-03	-37.81839	37.80572	-37.81626	37.80785	6

Momen Kolom Eksterior Kiri Portal Tengah Arah-X (kft) untuk metode LRFD

Elemen	Station	1.4D	1.2D+1.6L	1.2D+0.5L+E	1.2D+0.5L-E	0.9D+E	0.9D-E	Lantai
1	0	-32.25438	-40.64794	87.19551	-150.6146	98.17007	-139.64	1
1	6.56168	20.74611	26.14706	44.95573	-4.163039	37.89617	-11.2226	1
1	13.12336	73.08046	92.10249	1.272441	142.4222	-23.59456	117.5552	1
6	0	-98.91009	-124.6068	-15.60452	-178.8474	18.03637	-145.2065	2
6	6.56168	-0.6848015	-0.8976378	-0.7841383	-0.5839729	-0.5403123	-0.3401468	2
6	13.12336	97.55896	122.8358	14.0574	177.6952	-19.10241	144.5354	2
11	0	-100.2271	-126.1143	-28.94152	-168.0047	5.099882	-133.9633	3
11	6.56168	1.262182	1.565774	-1.795991	4.262172	-2.217679	3.840484	3
11	13.12336	102.7242	129.212	25.38831	176.437	-9.487369	141.5613	3
16	0	-105.594	-132.7574	-49.24376	-158.1797	-13.41389	-122.3498	4
16	6.56168	0.7385529	0.9006798	-3.862146	5.295508	-4.104043	5.053611	4
16	13.12336	107.0594	134.5445	41.58068	168.6868	5.270849	132.377	4
21	0	-109.3501	-137.452	-71.56981	-143.2146	-34.47409	-106.1188	5
21	6.56168	1.046339	1.448623	-4.813643	6.952218	-5.210284	6.555577	5
21	13.12336	111.4326	140.3352	61.98924	157.0515	24.10408	119.1664	5
26	0	-106.601	-132.7779	-90.64434	-117.9787	-54.86202	-82.19637	6
26	6.56168	-1.877747	-3.733665	-7.722686	3.176086	-6.656509	4.242263	6
26	13.12336	102.8514	125.3223	75.22327	124.3209	41.56995	90.66755	6

P Aksial Balok Portal Tepi Arah - x (Kt)

Elemen	Station	D	1.4 D	1.2D + 1.6L	1.2D + 0.5L + E	1.2D + 0.5L - E	0.9D + E	0.9D - E	D + L	D + E	D - E	D + L + E	D + L - E	Lintai
4	0	3.27734	4.588276	5.327386	4.038491	4.698737	2.619483	3.27973	4.148951	2.947217	3.607464	3.818828	4.479074	1
4	14.76378	3.27734	4.588276	5.327386	4.038491	4.698737	2.619483	3.27973	4.148951	2.947217	3.607464	3.818828	4.479074	1
4	29.52756	3.27734	4.588276	5.327386	4.038491	4.698737	2.619483	3.27973	4.148951	2.947217	3.607464	3.818828	4.479074	1
5	0	3.277553	4.588574	5.327731	2.408683	6.329111	0.9895834	4.910011	4.14922	1.317339	5.237767	2.189006	6.109434	1
5	14.76378	3.277553	4.588574	5.327731	2.408683	6.329111	0.9895834	4.910011	4.14922	1.317339	5.237767	2.189006	6.109434	1
5	29.52756	3.277553	4.588574	5.327731	2.408683	6.329111	0.9895834	4.910011	4.14922	1.317339	5.237767	2.189006	6.109434	1
9	0	0.2300496	0.3220695	0.3646448	-3.050174	3.657659	-3.146872	3.560961	0.2854154	-3.123867	3.583966	-3.068501	3.639332	2
9	14.76378	0.2300496	0.3220695	0.3646448	-3.050174	3.657659	-3.146872	3.560961	0.2854154	-3.123867	3.583966	-3.068501	3.639332	2
9	29.52756	0.2300496	0.3220695	0.3646448	-3.050174	3.657659	-3.146872	3.560961	0.2854154	-3.123867	3.583966	-3.068501	3.639332	2
10	0	0.2293072	0.32103	0.3634358	-0.9556779	5.479992	-4.720712	5.334229	0.4278629	-4.686627	5.368313	-4.599607	5.455333	3
10	14.76378	0.2293072	0.32103	0.3634358	-0.9556779	5.479992	-4.720712	5.334229	0.4278629	-4.686627	5.368313	-4.599607	5.455333	3
10	29.52756	0.2293072	0.32103	0.3634358	-0.9556779	5.479992	-4.720712	5.334229	0.4278629	-4.686627	5.368313	-4.599607	5.455333	3
14	0	0.3408428	0.47718	0.5482435	-4.574949	5.479992	-4.720712	5.334229	0.4278629	-4.686627	5.368313	-4.599607	5.455333	3
14	14.76378	0.3408428	0.47718	0.5482435	-4.574949	5.479992	-4.720712	5.334229	0.4278629	-4.686627	5.368313	-4.599607	5.455333	3
14	29.52756	0.3408428	0.47718	0.5482435	-4.574949	5.479992	-4.720712	5.334229	0.4278629	-4.686627	5.368313	-4.599607	5.455333	3
15	0	0.3409366	0.4773113	0.5483967	-1.46495	2.370243	-1.610754	2.22444	0.4279821	-1.57666	2.258533	-1.489615	2.345579	3
15	14.76378	0.3409366	0.4773113	0.5483967	-1.46495	2.370243	-1.610754	2.22444	0.4279821	-1.57666	2.258533	-1.489615	2.345579	3
15	29.52756	0.3409366	0.4773113	0.5483967	-1.46495	2.370243	-1.610754	2.22444	0.4279821	-1.57666	2.258533	-1.489615	2.345579	3
19	0	0.3191301	0.4467821	0.5168608	-6.333224	7.182827	-6.470809	7.045243	0.4028205	-6.438896	7.077156	-6.355205	7.160846	4
19	14.76378	0.3191301	0.4467821	0.5168608	-6.333224	7.182827	-6.470809	7.045243	0.4028205	-6.438896	7.077156	-6.355205	7.160846	4
19	29.52756	0.3191301	0.4467821	0.5168608	-6.333224	7.182827	-6.470809	7.045243	0.4028205	-6.438896	7.077156	-6.355205	7.160846	4
20	0	0.3191366	0.4467913	0.5168718	-2.121012	2.970632	-2.258599	2.833045	0.402829	-2.226686	2.864959	-2.142893	2.948651	4
20	14.76378	0.3191366	0.4467913	0.5168718	-2.121012	2.970632	-2.258599	2.833045	0.402829	-2.226686	2.864959	-2.142893	2.948651	4
20	29.52756	0.3191366	0.4467913	0.5168718	-2.121012	2.970632	-2.258599	2.833045	0.402829	-2.226686	2.864959	-2.142893	2.948651	4
24	0	-0.8493764	-1.189127	-1.399629	-9.394755	7.118516	-9.021074	7.492197	-1.087112	-9.106012	7.407259	-9.343748	7.169624	5
24	14.76378	-0.8493764	-1.189127	-1.399629	-9.394755	7.118516	-9.021074	7.492197	-1.087112	-9.106012	7.407259	-9.343748	7.169624	5
24	29.52756	-0.8493764	-1.189127	-1.399629	-9.394755	7.118516	-9.021074	7.492197	-1.087112	-9.106012	7.407259	-9.343748	7.169624	5
25	0	-0.8494045	-1.189166	-1.399673	-4.438673	2.16236	-4.064981	2.536053	-1.087147	-4.149921	2.451112	-4.387663	2.21337	5
25	14.76378	-0.8494045	-1.189166	-1.399673	-4.438673	2.16236	-4.064981	2.536053	-1.087147	-4.149921	2.451112	-4.387663	2.21337	5
25	29.52756	-0.8494045	-1.189166	-1.399673	-4.438673	2.16236	-4.064981	2.536053	-1.087147	-4.149921	2.451112	-4.387663	2.21337	5
29	0	-7.103191	-9.944467	-11.51723	-17.57598	-1.342554	-14.50959	1.723843	-8.974069	-15.2199	1.013523	-17.09078	0.8573548	6
29	14.76378	-7.103191	-9.944467	-11.51723	-17.57598	-1.342554	-14.50959	1.723843	-8.974069	-15.2199	1.013523	-17.09078	0.8573548	6
29	29.52756	-7.103191	-9.944467	-11.51723	-17.57598	-1.342554	-14.50959	1.723843	-8.974069	-15.2199	1.013523	-17.09078	0.8573548	6
30	0	-7.102807	-9.943929	-11.51661	-12.3867	-6.530813	-9.320469	-3.464583	-8.973584	-10.03075	-4.174863	-11.90153	-6.04564	6
30	14.76378	-7.102807	-9.943929	-11.51661	-12.3867	-6.530813	-9.320469	-3.464583	-8.973584	-10.03075	-4.174863	-11.90153	-6.04564	6
30	29.52756	-7.102807	-9.943929	-11.51661	-12.3867	-6.530813	-9.320469	-3.464583	-8.973584	-10.03075	-4.174863	-11.90153	-6.04564	6

P Aksial Balok Portal Tengah Arah - x (Kft)

Elemen	Station	D	14 D	12D + 16L	12D + 0.5L + E	12D + 0.5L - E	0.9D + E	0.9D - E	D + L	D + E	D - E	D + L + E	D + L - E	Lantai
4	0	4.965034	6.951048	8.74789	6.515224	7.144514	4.153886	4.783175	-166.1559	29.34589	-275.0467	-13.95966	-318.3522	1
4	14.76378	4.965034	6.951048	8.74789	6.515224	7.144514	4.153886	4.783175	184.8236	148.6268	118.4785	199.8977	169.7494	1
4	29.52756	4.965034	6.951048	8.74789	6.515224	7.144514	4.153886	4.783175	-262.2466	-315.4264	-71.38279	-384.2684	-140.2247	1
5	0	4.965359	6.951502	8.748462	4.854764	8.805867	2.493271	6.444375	-262.2557	-71.59383	-315.2289	-140.4382	-384.0732	1
5	14.76378	4.965359	6.951502	8.748462	4.854764	8.805867	2.493271	6.444375	184.8504	118.6224	148.5226	169.9003	199.8005	1
5	29.52756	4.965359	6.951502	8.748462	4.854764	8.805867	2.493271	6.444375	-166.1051	-274.5497	28.92409	-317.842	-14.36817	1
9	0	0.3506854	0.4909595	0.5969676	-2.869288	3.821024	-3.02954	3.660773	-190.9127	10.07472	-292.6262	-39.56228	-342.2632	2
9	14.76378	0.3506854	0.4909595	0.5969676	-2.869288	3.821024	-3.02954	3.660773	183.9302	146.3584	119.4686	197.3751	170.4853	2
9	29.52756	0.3506854	0.4909595	0.5969676	-2.869288	3.821024	-3.02954	3.660773	-300.7777	-300.7777	-51.8354	-363.8139	-114.8715	2
10	0	0.3495509	0.4893713	0.5949647	-0.7916865	1.740298	-0.9513966	1.580588	-239.3381	-52.00638	-300.6	-115.0413	-363.6349	2
10	14.76378	0.3495509	0.4893713	0.5949647	-0.7916865	1.740298	-0.9513966	1.580588	183.9322	119.592	146.2378	170.6093	197.2551	2
10	29.52756	0.3495509	0.4893713	0.5949647	-0.7916865	1.740298	-0.9513966	1.580588	-190.8989	-292.2052	9.674189	-341.8386	-39.95922	2
14	0	0.5281547	0.7394166	0.9126755	-4.300033	5.74191	-4.545632	5.496311	-200.9306	-18.80638	-278.791	-70.93826	-330.9229	3
14	14.76378	0.5281547	0.7394166	0.9126755	-4.300033	5.74191	-4.545632	5.496311	185.5316	145.6986	122.5265	197.1176	173.9455	3
14	29.52756	0.5281547	0.7394166	0.9126755	-4.300033	5.74191	-4.545632	5.496311	-226.134	-273.228	-59.56049	-332.9678	-119.3003	3
15	0	0.5283008	0.7396211	0.9129334	-1.202204	2.644483	-1.447873	2.398814	-226.1235	-59.71478	-273.0581	-119.4518	-332.7952	3
15	14.76378	0.5283008	0.7396211	0.9129334	-1.202204	2.644483	-1.447873	2.398814	185.5312	122.6486	145.576	174.0675	196.995	3
15	29.52756	0.5283008	0.7396211	0.9129334	-1.202204	2.644483	-1.447873	2.398814	-200.9189	-278.3854	-19.19465	-330.5143	-71.3255	3
19	0	0.4426078	0.6196509	0.79932	-6.138661	7.368539	-6.355253	7.151947	-208.6424	-55.20275	-253.9536	-109.267	-308.0178	4
19	14.76378	0.4426078	0.6196509	0.79932	-6.138661	7.368539	-6.355253	7.151947	186.4589	143.7014	125.9318	195.3437	177.5741	4
19	29.52756	0.4426078	0.6196509	0.79932	-6.138661	7.368539	-6.355253	7.151947	-216.5826	-240.8385	-77.59722	-298.2032	-134.9619	4
20	0	0.442614	0.6196595	0.7993336	-1.935036	3.164932	-2.151632	2.948337	-216.5725	-77.75693	-240.6639	-135.119	-298.0259	4
20	14.76378	0.442614	0.6196595	0.7993336	-1.935036	3.164932	-2.151632	2.948337	186.4533	126.0559	143.5689	177.6966	195.2098	4
20	29.52756	0.442614	0.6196595	0.7993336	-1.935036	3.164932	-2.151632	2.948337	-208.6316	-253.532	-55.60831	-307.5934	-109.6697	4
24	0	-0.6163002	-0.8628203	-1.499582	-9.230858	7.276724	-8.808461	7.699121	-209.6303	-94.53993	-216.9366	-148.4319	-270.8286	5
24	14.76378	-0.6163002	-0.8628203	-1.499582	-9.230858	7.276724	-8.808461	7.699121	187.9181	141.1126	130.518	193.2154	182.6208	5
24	29.52756	-0.6163002	-0.8628203	-1.499582	-9.230858	7.276724	-8.808461	7.699121	-212.7045	-206.6981	-105.4639	-263.3216	-162.0874	5
25	0	-0.6163915	-0.8629481	-1.499712	-4.280614	2.326248	-3.858184	2.748679	-212.6944	-105.4801	-206.6669	-162.1011	-263.2878	5
25	14.76378	-0.6163915	-0.8629481	-1.499712	-4.280614	2.326248	-3.858184	2.748679	187.9091	130.5595	141.0579	182.6599	193.1584	5
25	29.52756	-0.6163915	-0.8629481	-1.499712	-4.280614	2.326248	-3.858184	2.748679	-209.6184	-216.8152	-94.644	-270.704	-148.5328	5
29	0	-11.40076	-15.96106	-19.66818	-23.66932	-7.434546	-18.37807	-2.143295	-96.69276	-48.91648	-98.01408	-72.14396	-121.2416	6
29	14.76378	-11.40076	-15.96106	-19.66818	-23.66932	-7.434546	-18.37807	-2.143295	104.1459	83.26825	77.56065	106.9997	101.2921	6
29	29.52756	-11.40076	-15.96106	-19.66818	-23.66932	-7.434546	-18.37807	-2.143295	-75.96573	-79.6009	-41.88252	-94.82492	-57.10654	6
30	0	-11.40012	-15.96017	-19.6671	-18.47832	-12.62382	-13.18736	-7.332861	-75.96599	-41.78418	-79.6899	-57.00673	-94.91245	6
30	14.76378	-11.40012	-15.96017	-19.6671	-18.47832	-12.62382	-13.18736	-7.332861	104.1341	77.5323	83.2784	101.261	107.0071	6
30	29.52756	-11.40012	-15.96017	-19.6671	-18.47832	-12.62382	-13.18736	-7.332861						6