



UNIVERSITAS ISLAM INDONESIA
FAKULTAS TEKNIK SIPIL DAN PERENCANAAN
JURUSAN TEKNIK SIPIL
Jl. Kaliurang Km. 14,4 Telp. 95330 Yogyakarta

TA 3
31/7/99

KARTU PESERTA TUGAS AKHIR

No.	Nama	No. Mhs.	N.I.R.M.	Bidang Studi
1	HARIYANTO	94 310 181		STRUKTUR
2	WIWIT BUDI C.	94 310 169		STRUKTUR

JUDUL TUGAS AKHIR : ANALISIS BRACING PADA DESIGN STRUKTUR BAJA TAHAN.....
GEMPA COLOUM- WEAK BEAM.

Dosen Pembimbing I : IR.H.MOCH. TEGUH.MSCE
Dosen Pembimbing II : IR.SUHARYATMO,MT

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Yogyakarta, 20 JULI 1999
An. Dekan,
Ketua Jurusan Teknik Sipil,

IR.H.TADJUDDIN BM ARIS, MS



LAMPIRAN

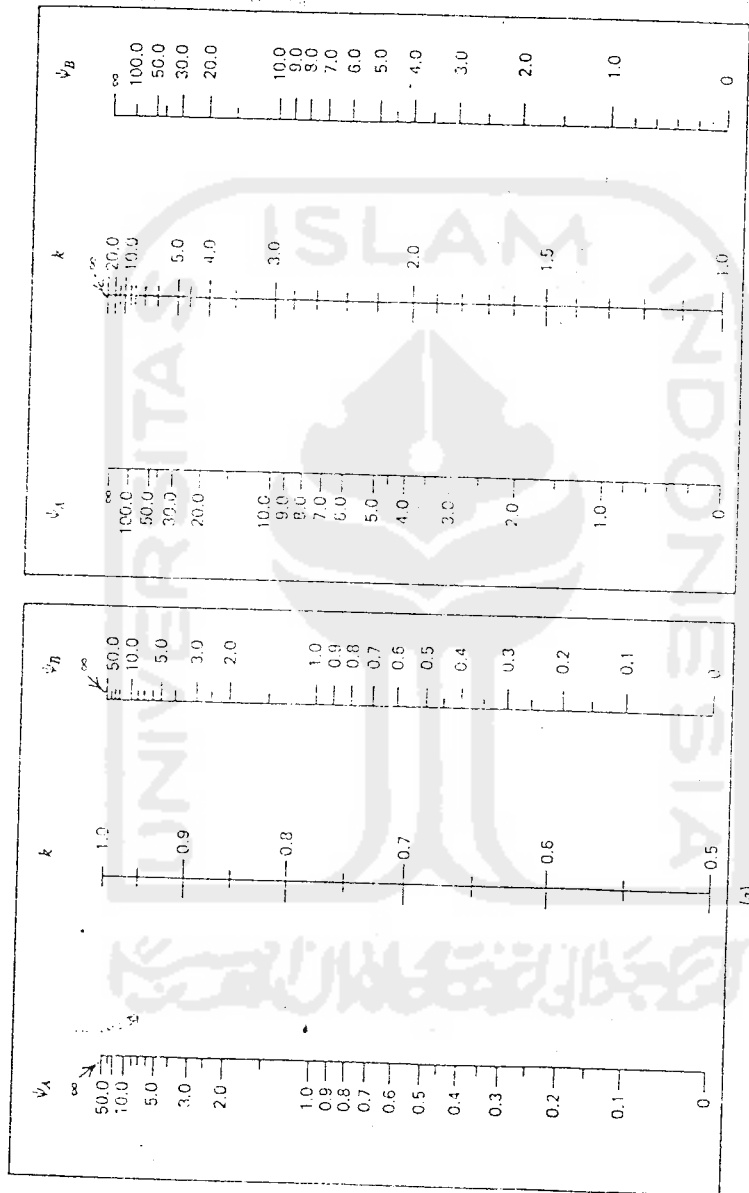


Fig. 5-48. Jackson and Moreland alignment charts for effective length factors of columns. (a) Braced frames. (b) Unbraced frames.

C DESAIN STRUKTUR BAJA "SISTEM OPEN FRAME"
 C PADA STRUKTUR BANGUNAN TAHAN GEMPA
 C PORTAL 3D SATUAN :TON-METER
 SYSTEM
 L=7

RESTRAINTS

1 20 1 R=1,1,1,1,1,1 :JEPIT
 21 320 1 R=0,0,0,0,0,1 :JOINT GLOBAL

JOINTS

1	X=0	Y=0	Z=0	
5	X=32			G=1,5,1
6	X=0	Y=8		
10	X=32			G=6,10,1
11	X=0	Y=14.5		
15	X=32			G=11,15,1
16	X=0	Y=22.5		
20	X=32			G=16,20,1
21	X=0	Y=0	Z=4.5	
301			Z=57	G=21,301,20
22	X=8		Z=4.5	
302			Z=57	G=22,302,20
23	X=16		Z=4.5	
303			Z=57	G=23,303,20
24	X=24		Z=4.5	
304			Z=57	G=24,304,20
25	X=32		Z=4.5	
305			Z=57	G=25,305,20
26	X=0	Y=8	Z=4.5	
306			Z=57	G=26,306,20
27	X=8		Z=4.5	
307			Z=57	G=27,307,20
28	X=16		Z=4.5	
308			Z=57	G=28,308,20
29	X=24		Z=4.5	
309			Z=57	G=29,309,20
30	X=32		Z=4.5	
310			Z=57	G=30,310,20
31	X=0	Y=14.5	Z=4.5	
311			Z=57	G=31,311,20
32	X=8		Z=4.5	
312			Z=57	G=32,312,20
33	X=16		Z=4.5	
313			Z=57	G=33,313,20
34	X=24		Z=4.5	
314			Z=57	G=34,314,20
35	X=32		Z=4.5	
315			Z=57	G=35,315,20
36	X=0	Y=22.5	Z=4.5	
316			Z=57	G=36,316,20
37	X=8		Z=4.5	
317			Z=57	G=37,317,20
38	X=16		Z=4.5	
318			Z=57	G=38,318,20
39	X=24		Z=4.5	
319			Z=57	G=39,319,20
40	X=32		Z=4.5	
320			Z=57	G=40,320,20

FRAME

NM=12 NL=13 Z=-1,0 NSEC=11

C -----DATA PENAMPANG-----

1	SH=I	T=0.3599,0.2557,0.0199,0.01143,0.2557,0.0199	E=2.1E10	W=0.0102	: B.8M	L1-5	(W14X74)
2	SH=I	T=0.3599,0.2557,0.0199,0.01143,0.2557,0.0199	E=2.1E10	W=0.0102	: B.6.5M	L1-5	(W14X74)
3	SH=I	T=0.3566,0.2549,0.0183,0.01054,0.2549,0.0183	E=2.1E10	W=0.0094	: B.8M	L6-10	(W14X68)
4	SH=I	T=0.3566,0.2549,0.0183,0.01054,0.2549,0.0183	E=2.1E10	W=0.0094	: B.6.5M	L6-10	(W14X68)
5	SH=I	T=0.3528,0.2538,0.0164,0.00952,0.2538,0.0164	E=2.1E10	W=0.0084	: B.8M	L11-15	(W14X61)
6	SH=I	T=0.3469,0.2031,0.0135,0.00775,0.2031,0.0135	E=2.1E10	W=0.0059	: B.6.5M	L11-15	(W14X43)

7 SH=J T=0.4161,0.4063,0.0486,0.02984,0.4063,0.0486 E=2.1E10 W=0.0355 :K.TP L1-5 (W14X257)
 8 SH=I T=0.4569,0.4185,0.0675,0.04204,0.4185,0.0675 E=2.1E10 W=0.0512 : K.TG L1-5 (W14X270)
 9 SH=I T=0.4074,0.4036,0.0436,0.02718,0.4036,0.0436 E=2.1E10 W=0.0322 : K.TP L6-10 (W14X233)
 10 SH=J T=0.4348,0.4122,0.0574,0.03581,0.4122,0.0574 E=2.1E10 W=0.0429 : K.TG L6-10 (W14X311)
 11 SH=I T=0.3932,0.3990,0.0366,0.02260,0.3990,0.0366 E=2.1E10 W=0.0288 : K.TP L11-15 (W14X193)
 12 SH=I T=0.3993,0.4013,0.0396,0.02489,0.4013,0.0396 E=2.1E10 W=0.0292 : K.TG L11-15 (W14X211)

C -----BEBAN ELEMEN-----

1 TRAP=0,0,0,4,-0.600,0,7.99,0,0 :B.HD.P.MELINTANG/MEMBUJUR TEPI BALOK ATAP
 2 TRAP=0,0,0,4,-1.512,0,7.99,0,0 :B.MT.P.MELINTANG/MEMBUJUR TEPI BALOK ATAP
 3 TRAP=0,0,0,4,-1.000,0,7.99,0,0 :B.HD.P.MELINTANG/MEMBUJUR TEPI BALOK LANTAI
 4 TRAP=0,0,0,4,-2.064,0,7.99,0,0 :B.MT.P.MELINTANG/MEMBUJUR TEPI BALOK LANTAI
 5 TRAP=0,0,0,3.25,-0.4875,0,6.49,0,0 :B.HD.P.MELINTANG TENGAH BALOK ATAP
 6 TRAP=0,0,0,3.25,-1.2285,0,6.49,0,0 :B.MT.P.MELINTANG TENGAH BALOK ATAP
 7 TRAP=0,0,0,3.25,-0.8125,0,6.49,0,0 :B.HD.P.MELINTANG TENGAH BALOK LANTAI
 8 TRAP=0,0,0,3.25,-1.6770,0,6.49,0,0 :B.MT.P.MELINTANG TENGAH BALOK LANTAI
 9 TRAP=0,0,0,3.25,-0.4875,0,4.75,-0.4875,0,7.99,0,0 :B.HD.P.MEMBUJUR TGH BALOK ATAP
 10 TRAP=0,0,0,3.25,-1.2285,0,4.75,-1.2285,0,7.99,0,0 :B.MT.P.MEMBUJUR TGH BALOK ATAP
 11 TRAP=0,0,0,3.25,-0.8125,0,4.75,-0.8125,0,7.99,0,0 :B.HD.P.MEMBUJUR TGH BALOK LANTAI
 12 TRAP=0,0,0,3.25,-1.6770,0,4.75,-1.6770,0,7.99,0,0 :B.MT.P.MEMBUJUR TGH BALOK LANTAI
 13 WL=0,0.9375,0 :B.MT.DINDING

C -----LOKASI ELEMEN-----

C KOLOM LANTAI 1-5

1 1 21 M=7,7,1 LP=3,0 G=4,1,1,1 :L1
 6 6 26 M=8,8,1 G=4,1,1,1
 11 11 31 G=4,1,1,1
 16 16 36 M=7,7,1 G=4,1,1,1
 21 21 41 G=4,1,1,1 :L2
 26 26 46 M=8,8,1 G=4,1,1,1
 31 31 51 G=4,1,1,1
 36 36 56 M=7,7,1 G=4,1,1,1
 41 41 61 G=4,1,1,1 :L3
 46 46 66 M=8,8,1 G=4,1,1,1
 51 51 71 G=4,1,1,1
 56 56 76 M=7,7,1 G=4,1,1,1
 61 61 81 G=4,1,1,1 :L4
 66 66 86 M=8,8,1 G=4,1,1,1
 71 71 91 G=4,1,1,1
 76 76 96 M=7,7,1 G=4,1,1,1
 81 81 101 G=4,1,1,1 :L5
 86 86 106 M=8,8,1 G=4,1,1,1
 91 91 111 G=4,1,1,1
 96 96 116 M=7,7,1 G=4,1,1,1

C KOLOM LANTAI 6-10

101 101 121 M=9,9,1 LP=3,0 G=4,1,1,1 :L6
 106 106 126 M=10,10,1 G=4,1,1,1
 111 111 131 G=4,1,1,1
 116 116 136 M=9,9,1 G=4,1,1,1
 121 121 141 G=4,1,1,1 :L7
 126 126 146 M=10,10,1 G=4,1,1,1
 131 131 151 G=4,1,1,1
 136 136 156 M=9,9,1 G=4,1,1,1
 141 141 161 G=4,1,1,1 :L8
 146 146 166 M=10,10,1 G=4,1,1,1
 151 151 171 G=4,1,1,1
 156 156 176 M=9,9,1 G=4,1,1,1
 161 161 181 G=4,1,1,1 :L9
 166 166 186 M=10,10,1 G=4,1,1,1
 171 171 191 G=4,1,1,1
 176 176 196 M=9,9,1 G=4,1,1,1
 181 181 201 G=4,1,1,1 :L10
 186 186 206 M=10,10,1 G=4,1,1,1
 191 191 211 G=4,1,1,1
 196 196 216 M=9,9,1 G=4,1,1,1

C KOLOM LANTAI 11-15

201 201 221 M=11,11,1 LP=3,0 G=4,1,1,1 :L11
 206 206 226 M=12,12,1 G=4,1,1,1
 211 211 231 G=4,1,1,1
 216 216 236 M=11,11,1 G=4,1,1,1
 221 221 241 G=4,1,1,1 :L12

226	226	246	M=12,12,1	G=4,1,1,1	
231	231	251		G=4,1,1,1	
236	236	256	M=11,11,1	G=4,1,1,1	
241	241	261		G=4,1,1,1	:L13
246	246	266	M=12,12,1	G=4,1,1,1	
251	251	271		G=4,1,1,1	
256	256	276	M=11,11,1	G=4,1,1,1	
261	261	281		G=4,1,1,1	:L14
266	266	286	M=12,12,1	G=4,1,1,1	
271	271	291		G=4,1,1,1	
276	276	296	M=11,11,1	G=4,1,1,1	
281	281	301		G=4,1,1,1	:L15
286	286	306	M=12,12,1	G=4,1,1,1	
291	291	311		G=4,1,1,1	
296	296	316	M=11,11,1	G=4,1,1,1	
C BALOK PORTAL MELINTANG 8M LANTAI 1-5					
301	21	26	M=1,1,1 LP=3,0	NSL=3,4,0,0,13,0	G=1,4,4,4 :L1
302	22	27		NSL=3,3,4,4,13,0	G=2,1,1,1
311	31	36		NSL=3,4,0,0,13,0	G=1,4,4,4
312	32	37		NSL=3,3,4,4,13,0	G=2,1,1,1
316	41	46	M=1,1,1	NSL=3,4,0,0,13,0	G=1,4,4,4 :L2
317	42	47		NSL=3,3,4,4,13,0	G=2,1,1,1
326	51	56		NSL=3,4,0,0,13,0	G=1,4,4,4
327	52	57		NSL=3,3,4,4,13,0	G=2,1,1,1
331	61	66	M=1,1,1	NSL=3,4,0,0,13,0	G=1,4,4,4 :L3
332	62	67		NSL=3,3,4,4,13,0	G=2,1,1,1
341	71	76		NSL=3,4,0,0,13,0	G=1,4,4,4
342	72	77		NSL=3,3,4,4,13,0	G=2,1,1,1
346	81	86	M=1,1,1	NSL=3,4,0,0,13,0	G=1,4,4,4 :L4
347	82	87		NSL=3,3,4,4,13,0	G=2,1,1,1
356	91	96		NSL=3,4,0,0,13,0	G=1,4,4,4
357	92	97		NSL=3,3,4,4,13,0	G=2,1,1,1
361	101	106	M=1,1,1	NSL=3,4,0,0,13,0	G=1,4,4,4 :L5
362	102	107		NSL=3,3,4,4,13,0	G=2,1,1,1
371	111	116		NSL=3,4,0,0,13,0	G=1,4,4,4
372	112	117		NSL=3,3,4,4,13,0	G=2,1,1,1
C BALOK PORTAL MELINTANG 8M LANTAI 6-10					
376	121	126	M=3,3,1 LP=3,0	NSL=3,4,0,0,13,0	G=1,4,4,4 :L6
377	122	127		NSL=3,3,4,4,13,0	G=2,1,1,1
386	131	136		NSL=3,4,0,0,13,0	G=1,4,4,4
387	132	137		NSL=3,3,4,4,13,0	G=2,1,1,1
391	141	146	M=3,3,1	NSL=3,4,0,0,13,0	G=1,4,4,4 :L7
392	142	147		NSL=3,3,4,4,13,0	G=2,1,1,1
401	151	156		NSL=3,4,0,0,13,0	G=1,4,4,4
402	152	157		NSL=3,3,4,4,13,0	G=2,1,1,1
406	161	166	M=3,3,1	NSL=3,4,0,0,13,0	G=1,4,4,4 :L8
407	162	167		NSL=3,3,4,4,13,0	G=2,1,1,1
416	171	176		NSL=3,4,0,0,13,0	G=1,4,4,4
417	172	177		NSL=3,3,4,4,13,0	G=2,1,1,1
421	181	186	M=3,3,1	NSL=3,4,0,0,13,0	G=1,4,4,4 :L9
422	182	187		NSL=3,3,4,4,13,0	G=2,1,1,1
431	191	196		NSL=3,4,0,0,13,0	G=1,4,4,4
432	192	197		NSL=3,3,4,4,13,0	G=2,1,1,1
436	201	206	M=3,3,1	NSL=3,4,0,0,13,0	G=1,4,4,4 :L10
437	202	207		NSL=3,3,4,4,13,0	G=2,1,1,1
446	211	216		NSL=3,4,0,0,13,0	G=1,4,4,4
447	212	217		NSL=3,3,4,4,13,0	G=2,1,1,1
C BALOK PORTAL MELINTANG 8M LANTAI 11-15					
451	221	226	M=5,5,1 LP=3,0	NSL=3,4,0,0,13,0	G=1,4,4,4 :L11
452	222	227		NSL=3,3,4,4,13,0	G=2,1,1,1
461	231	236		NSL=3,4,0,0,13,0	G=1,4,4,4
462	232	237		NSL=3,3,4,4,13,0	G=2,1,1,1
466	241	246	M=5,5,1	NSL=3,4,0,0,13,0	G=1,4,4,4 :L12
467	242	247		NSL=3,3,4,4,13,0	G=2,1,1,1
476	251	256		NSL=3,4,0,0,13,0	G=1,4,4,4
477	252	257		NSL=3,3,4,4,13,0	G=2,1,1,1
481	261	266	M=5,5,1	NSL=3,4,0,0,13,0	G=1,4,4,4 :L13
482	262	267		NSL=3,3,4,4,13,0	G=2,1,1,1
491	271	276		NSL=3,4,0,0,13,0	G=1,4,4,4
492	272	277		NSL=3,3,4,4,13,0	G=2,1,1,1

CATATAN - KONSULTASI

No.	Tanggal	Konsultasi ke :	KETERANGAN	Paraf
2	30/7/99	Lanjut ke DPT	M	
3	30/7/99		lihat kechisan di dalam	/
4	5/8/99	Perbaiki Bab I,	lengkapi sisteminde laporan dll.	/
5	9/8/99		Perbaiki detail & siapkan untuk seminar	/
	26/10/99		Perbaiki /	
	3/11/99		Ace dapat di jalankan ke DPT	/
	17/11/99		pengumpulan / penulisan data desain & analisis str. hwyang informatif	/
	1/12/99	buatkan flow chart analisis desain	/ 20/12	/
	2/12/99	perbaiki Ace untuk rujan	/ 01	/

496	281	286	M=5,5,1	NSL=3,4,0,0,13,0	G=1,4,4,4	:L14
497	282	287		NSL=3,3,4,4,13,0	G=2,1,1,1	
506	291	296	M=5,5,1	NSL=3,4,0,0,13,0	G=1,4,4,4	
507	292	297		NSL=3,3,4,4,13,0	G=2,1,1,1	
511	301	306	M=5,5,1	NSL=1,2,0,0,0,0	G=1,4,4,4	:L15
512	302	307		NSL=1,2,1,2,0,0	G=2,1,1,1	
521	311	316	M=5,5,1 LP=3,0	NSL=1,2,0,0,0,0	G=1,4,4,4	
522	312	317		NSL=1,1,2,2,0,0	G=2,1,1,1	
C BALOK PORTAL MELINTANG 6.5M LANTAI 1-5						
306	26	31	M=2,2,1	NSL=7,8,0,0,13,0	G=1,4,4,4	
307	27	32		NSL=7,7,8,8,13,0	G=2,1,1,1	
321	46	51	M=2,2,1	NSL=7,8,0,0,13,0	G=1,4,4,4	
322	47	52		NSL=7,7,8,8,13,0	G=2,1,1,1	
336	66	71	M=2,2,1	NSL=7,8,0,0,13,0	G=1,4,4,4	
337	67	72		NSL=7,7,8,8,13,0	G=2,1,1,1	
351	86	91	M=2,2,1	NSL=7,8,0,0,13,0	G=1,4,4,4	
352	87	92		NSL=7,7,8,8,13,0	G=2,1,1,1	
366	106	111	M=2,2,1	NSL=7,8,0,0,13,0	G=1,4,4,4	
367	107	112		NSL=7,7,8,8,13,0	G=2,1,1,1	
C BALOK PORTAL MELINTANG 6.5M LANTAI 6-10						
381	126	131	M=4,4,1	NSL=7,8,0,0,13,0	G=1,4,4,4	
382	127	132		NSL=7,7,8,8,13,0	G=2,1,1,1	
396	146	151	M=4,4,1	NSL=7,8,0,0,13,0	G=1,4,4,4	
397	147	152		NSL=7,7,8,8,13,0	G=2,1,1,1	
411	166	171	M=4,4,1	NSL=7,8,0,0,13,0	G=1,4,4,4	
412	167	172		NSL=7,7,8,8,13,0	G=2,1,1,1	
426	186	191	M=4,4,1	NSL=7,8,0,0,13,0	G=1,4,4,4	
427	187	192		NSL=7,7,8,8,13,0	G=2,1,1,1	
441	206	211	M=4,4,1	NSL=7,8,0,0,13,0	G=1,4,4,4	
442	207	212		NSL=7,7,8,8,13,0	G=2,1,1,1	
C BALOK PORTAL MELINTANG 6.5M LANTAI 11-15						
456	226	231	M=6,6,1	NSL=7,8,0,0,13,0	G=1,4,4,4	
457	227	232		NSL=7,7,8,8,13,0	G=2,1,1,1	
471	246	251	M=6,6,1	NSL=7,8,0,0,13,0	G=1,4,4,4	
472	247	252		NSL=7,7,8,8,13,0	G=2,1,1,1	
486	266	271	M=6,6,1	NSL=7,8,0,0,13,0	G=1,4,4,4	
487	267	272		NSL=7,7,8,8,13,0	G=2,1,1,1	
501	286	291	M=6,6,1	NSL=7,8,0,0,13,0	G=1,4,4,4	
502	287	292		NSL=7,7,8,8,13,0	G=2,1,1,1	
516	306	311	M=6,6,1	NSL=5,6,0,0,0,0	G=1,4,4,4	
517	307	312		NSL=5,6,5,6,0,0	G=2,1,1,1	
C BALOK PORTAL MEMBUJUR LANTAI 1-5						
526	21	22	M=1,1,1 LP=-2,0	NSL=3,4,0,0,13,0	G=3,1,1,1	:L1
530	26	27		NSL=3,4,11,12,13,0	G=3,1,1,1	
534	31	32			G=3,1,1,1	
538	36	37		NSL=3,4,0,0,13,0	G=3,1,1,1	
542	41	42			G=3,1,1,1	:L2
546	46	47		NSL=3,4,11,12,13,0	G=3,1,1,1	
550	51	52			G=3,1,1,1	
554	56	57		NSL=3,4,0,0,13,0	G=3,1,1,1	
558	61	62			G=3,1,1,1	:L3
562	66	67		NSL=3,4,11,12,13,0	G=3,1,1,1	
566	71	72			G=3,1,1,1	
570	76	77		NSL=3,4,0,0,13,0	G=3,1,1,1	
574	81	82			G=3,1,1,1	:L4
578	86	87		NSL=3,4,11,12,13,0	G=3,1,1,1	
582	91	92			G=3,1,1,1	
586	96	97		NSL=3,4,0,0,13,0	G=3,1,1,1	
590	101	102			G=3,1,1,1	:L5
594	106	107		NSL=3,4,11,12,13,0	G=3,1,1,1	
598	111	112			G=3,1,1,1	
602	116	117		NSL=3,4,0,0,13,0	G=3,1,1,1	
C BALOK PORTAL MEMBUJUR LANTAI 6-10						
606	121	122	M=3,3,1 LP=-2,0	NSL=3,4,0,0,13,0	G=3,1,1,1	:L6
610	126	127		NSL=3,4,11,12,13,0	G=3,1,1,1	
614	131	132			G=3,1,1,1	
618	136	137		NSL=3,4,0,0,13,0	G=3,1,1,1	
622	141	142			G=3,1,1,1	:L7
626	146	147		NSL=3,4,11,12,13,0	G=3,1,1,1	
630	151	152			G=3,1,1,1	

634 156 157	NSL=3,4,0,0,13,0	G=3,1,1,1	
638 161 162		G=3,1,1,1	:L8
642 166 167	NSL=3,4,11,12,13,0	G=3,1,1,1	
646 171 172		G=3,1,1,1	
650 176 177	NSL=3,4,0,0,13,0	G=3,1,1,1	
654 181 182		G=3,1,1,1	:L9
658 186 187	NSL=3,4,11,12,13,0	G=3,1,1,1	
662 191 192		G=3,1,1,1	
666 196 197	NSL=3,4,0,0,13,0	G=3,1,1,1	
670 201 202		G=3,1,1,1	:L10
674 206 207	NSL=3,4,11,12,13,0	G=3,1,1,1	
678 211 212		G=3,1,1,1	
682 216 217	NSL=3,4,0,0,13,0	G=3,1,1,1	
C BALOK PORTAL MEMBUJUR LANTAI 11-15			
686 221 222 M=5,5,1 LP=-2,0	NSL=3,4,0,0,13,0	G=3,1,1,1	:L11
690 226 227	NSL=3,4,11,12,13,0	G=3,1,1,1	
694 231 232		G=3,1,1,1	
698 236 237	NSL=3,4,0,0,13,0	G=3,1,1,1	
702 241 242		G=3,1,1,1	:L12
706 246 247	NSL=3,4,11,12,13,0	G=3,1,1,1	
710 251 252		G=3,1,1,1	
714 256 257	NSL=3,4,0,0,13,0	G=3,1,1,1	
718 261 262		G=3,1,1,1	:L13
722 266 267	NSL=3,4,11,12,13,0	G=3,1,1,1	
726 271 272		G=3,1,1,1	
730 276 277	NSL=3,4,0,0,13,0	G=3,1,1,1	
734 281 282		G=3,1,1,1	:L14
738 286 287	NSL=3,4,11,12,13,0	G=3,1,1,1	
742 291 292		G=3,1,1,1	
746 296 297	NSL=3,4,0,0,13,0	G=3,1,1,1	
750 301 302	NSI=1,2,0,0,0,0	G=3,1,1,1	:L15
754 306 307	NSL=1,2,9,10,0,0	G=3,1,1,1	
758 311 312		G=3,1,1,1	
762 316 317	NSL=1,2,0,0,0,0	G=3,1,1,1	

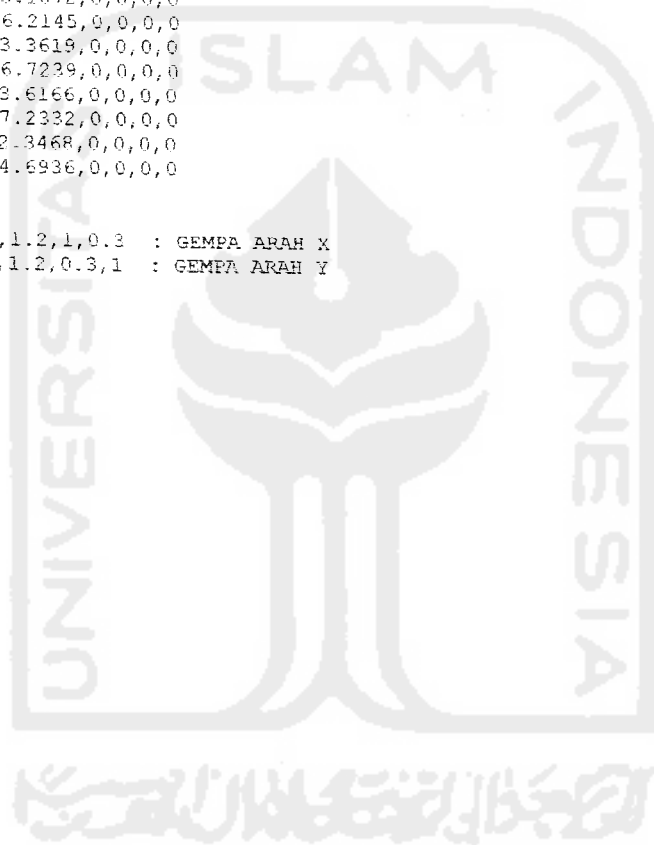
LOADS

21 36 15	L=6 F=0.4127,0,0,0,0,0	:BEBAN GEMPA ARAH X
26 31 5	L=6 F=0.8254,0,0,0,0,0	
41 56 15	L=6 F=0.7566,0,0,0,0,0	
46 51 5	L=6 F=1.5133,0,0,0,0,0	
61 76 15	L=6 F=1.1006,0,0,0,0,0	
66 71 5	L=6 F=2.2011,0,0,0,0,0	
81 96 15	L=6 F=1.4445,0,0,0,0,0	
86 91 5	L=6 F=2.8890,0,0,0,0,0	
101 116 15	L=6 F=1.7884,0,0,0,0,0	
106 111 5	L=6 F=3.5768,0,0,0,0,0	
121 136 15	L=6 F=2.1323,0,0,0,0,0	
126 131 5	L=6 F=4.2646,0,0,0,0,0	
141 156 15	L=6 F=2.4762,0,0,0,0,0	
146 151 5	L=6 F=4.9525,0,0,0,0,0	
161 176 15	L=6 F=2.8202,0,0,0,0,0	
166 171 5	L=6 F=5.6402,0,0,0,0,0	
181 196 15	L=6 F=3.1641,0,0,0,0,0	
186 191 5	L=6 F=6.3282,0,0,0,0,0	
201 216 15	L=6 F=3.5080,0,0,0,0,0	
206 211 5	L=6 F=7.0160,0,0,0,0,0	
221 236 15	L=6 F=3.8034,0,0,0,0,0	
226 231 5	L=6 F=7.6068,0,0,0,0,0	
241 256 15	L=6 F=4.1430,0,0,0,0,0	
246 251 5	L=6 F=8.2860,0,0,0,0,0	
261 276 15	L=6 F=4.4826,0,0,0,0,0	
266 271 5	L=6 F=8.9651,0,0,0,0,0	
281 296 15	L=6 F=4.8222,0,0,0,0,0	
286 291 5	L=6 F=9.6443,0,0,0,0,0	
301 316 15	L=6 F=3.1291,0,0,0,0,0	
306 311 5	L=6 F=6.2582,0,0,0,0,0	
21 25 4	L=7 F=0,0.3095,0,0,0,0	:BEBAN GEMPA ARAH Y
22 24 1	L=7 F=0,0.6191,0,0,0,0	
41 45 4	L=7 F=0,0.5675,0,0,0,0	
42 44 1	L=7 F=0,1.1349,0,0,0,0	

61 65 4 L=7 F=0,0.8254,0,0,0,0
 62 64 1 L=7 F=0,1.6508,0,0,0,0
 81 85 4 L=7 F=0,1.9834,0,0,0,0
 82 84 1 L=7 F=0,2.1667,0,0,0,0
 101 105 4 L=7 F=0,1.3413,0,0,0,0
 102 104 1 L=7 F=0,2.6826,0,0,0,0
 121 125 4 L=7 F=0,1.5992,0,0,0,0
 122 124 1 L=7 F=0,3.1985,0,0,0,0
 141 145 4 L=7 F=0,1.8572,0,0,0,0
 142 144 1 L=7 F=0,3.7144,0,0,0,0
 161 165 4 L=7 F=0,2.1151,0,0,0,0
 162 164 1 L=7 F=0,4.2303,0,0,0,0
 181 185 4 L=7 F=0,2.3731,0,0,0,0
 182 184 1 L=7 F=0,4.7461,0,0,0,0
 201 205 4 L=7 F=0,2.6310,0,0,0,0
 202 204 1 L=7 F=0,5.2620,0,0,0,0
 221 225 4 L=7 F=0,2.8525,0,0,0,0
 222 224 1 L=7 F=0,5.7051,0,0,0,0
 241 245 4 L=7 F=0,3.1072,0,0,0,0
 242 244 1 L=7 F=0,6.2145,0,0,0,0
 261 265 4 L=7 F=0,3.3619,0,0,0,0
 262 264 1 L=7 F=0,6.7239,0,0,0,0
 281 285 4 L=7 F=0,3.6166,0,0,0,0
 282 284 1 L=7 F=0,7.2332,0,0,0,0
 301 305 4 L=7 F=0,2.3468,0,0,0,0
 302 304 1 L=7 F=0,4.6936,0,0,0,0

COMBO

1 C=0.5,1.2,0.5,1.2,1.2,1,0.3 : GEMPA ARAH X
 2 C=0.5,1.2,0.5,1.2,1.2,0.3,1 : GEMPA ARAH Y



DESAIN STRUKTUR BAJA "SISTEM OPEN FRAME"
DATA PORTAL 3D UNTUK SHEAR DAN MOMENT
FRAME ELEMENT FORCES (KOLOM)

ELT ID	LOAD COMB	AXIAL FORCE	DIST ENDI	1- SHEAR	2 PLANE MOMENTS	1- 3 PLANE SHEAR	AXIAL MOMENT TORO
<hr/>							
8	1	-340.2	0	5.58	-23.94	-14.13	49.96
			4.5	5.58	1.17	-14.13	-13.64
	2	-321.8	0	16.83	-77.53	-4.24	14.99
			4.5	16.83	-1.81	-4.24	-4.09
<hr/>							
18	1	-158.2	0	4.29	-16.19	-11.93	37.75
			4.5	4.29	3.13	-11.93	-15.91
	2	-205.3	0	10.69	-48.73	-3.58	11.33
			4.5	10.69	-0.63	-3.58	-4.77
<hr/>							
28	1	-317.3	0	6.87	-17.33	-15.5	32.8
			3.8	6.87	8.44	-15.5	-25.3
	2	-300.5	0	18.57	-49.22	-4.65	9.84
			3.8	18.57	20.43	-4.65	-7.59
<hr/>							
38	1	-148	0	5.51	-13.32	-13.23	26.47
			3.8	5.51	7.34	-13.23	-23.16
	2	-191.7	0	11.26	-30.37	-3.97	7.94
			3.8	11.26	11.86	-3.97	-6.95
<hr/>							
48	1	-294.9	0	6.6	-13.77	-15.29	29.19
			3.8	6.6	10.99	-15.29	-28.15
	2	-280.1	0	18.2	-39.07	-4.59	8.76
			3.8	18.2	29.19	-4.59	-8.44
<hr/>							
58	1	-137.4	0	5.23	-10.76	-13.09	24.66
			3.8	5.23	8.87	-13.09	-24.42
	2	-178.8	0	10.74	-23.34	-3.93	7.4
			3.8	10.74	16.93	-3.93	-7.33
<hr/>							
68	1	-272.7	0	6.54	-12.53	-14.88	27.45
			3.8	6.54	11.98	-14.88	-28.35
	2	-260	0	17.86	-34.51	-4.46	8.23
			3.8	17.86	32.47	-4.46	-8.5
<hr/>							
78	1	-126.6	0	5.11	-9.74	-12.83	23.77
			3.8	5.11	9.41	-12.83	-24.33
	2	-161.5	0	10.39	-20.09	-3.85	7.13
			3.8	10.39	18.89	-3.85	-7.3

DESAIN STRUKTUR BAJA "SISTEM OPEN FRAME"
DATA PORTAL 3D UNTUK SHEAR DAN MOMENT
FRAME ELEMENT FORCES (KOLOM)

ELT ID	LOAD COMB	AXIAL FORCE	DIST ENDI	1- SHEAR	2 PLANE MOMENTS	1- 3 PLANE SHEAR	AXIAL MOMENT TORO
<hr/>							
88	1	-250.7	0	6.52	-11.85	-14.43	26.31
			3.8	6.52	12.59	-14.43	-27.82
	2	-240.2	0	17.56	-32.04	-4.33	7.89
			3.8	17.56	33.82	-4.33	-8.34
<hr/>							
98	1	-115.9	0	4.99	-9.21	-12.47	22.98
			3.8	4.99	9.5	-12.47	-23.8
	2	-146.1	0	9.93	-18.36	-3.74	6.89
			3.8	9.93	18.86	-3.74	-7.14
<hr/>							
108	1	-228.8	0	6.05	-11.07	-13.48	25.22
			3.7	6.05	11.61	-13.48	-25.34
	2	-220.5	0	16.33	-30.03	-4.04	7.56
			3.7	16.33	31.21	-4.04	-7.6
<hr/>							
118	1	-105.1	0	4.87	-8.96	-11.77	22.16
			3.7	4.87	9.29	-11.77	-21.96
	2	-130.8	0	9.79	-18.07	-3.53	6.65
			3.7	9.79	18.64	-3.53	-6.59
<hr/>							
128	1	-206.9	0	5.91	-10.33	-12.7	22.73
			3.8	5.91	11.83	-12.7	-24.91
	2	-200.5	0	15.64	-26.89	-3.81	6.82
			3.8	15.64	31.76	-3.81	-7.47
<hr/>							
138	1	-94.61	0	4.75	-8.38	-11.11	20.16
			3.8	4.75	9.44	-11.11	-21.5
	2	-116.1	0	9.3	-15.67	-3.33	6.05
			3.8	9.3	19.18	-3.33	-6.45
<hr/>							
148	1	-185.1	0	5.6	-9.43	-11.76	20.55
			3.7	5.6	11.58	-11.76	-23.56
	2	-180.5	0	14.61	-23.9	-3.53	6.16
			3.7	14.61	30.91	-3.53	-7.07
<hr/>							
158	1	-84.2	0	4.58	-7.83	-10.31	18.39
			3.7	4.58	9.34	-10.31	-20.27
	2	-101.8	0	8.76	-13.92	-3.09	5.52
			3.7	8.76	18.92	-3.09	-6.08

DESAIN STRUKTUR BAJA "SISTEM OPEN FRAME"
DATA PORTAL 3D UNTUK SHEAR DAN MOMENT
FRAME ELEMENT FORCES (KOLOM)

ELT ID	LOAD COMB	AXIAL FORCE	DIST ENDI	1-2 PLANE SHEAR	1-2 PLANE MOMENT	1-3 PLANE SHEAR	1-3 PLANE MOMENT	AXIAL TORO
168								
1	-163.3							
		0	5.23	-8.68	-10.67	18.32		
		3.8	5.23	10.92	-10.67	-21.68		
2	-160.5							
		0	13.4	-21.3	-3.2	5.49		
		3.8	13.4	28.94	-3.2	-6.5		
178								
1	-73.91							
		0	4.39	-7.4	-9.36	16.48		
		3.8	4.39	9.07	-9.36	-18.63		
2	-87.86							
		0	8.19	-12.52	-2.81	4.94		
		3.8	8.19	18.18	-2.81	-5.59		
188								
1	-141.6							
		0	5.12	-8.27	-9.6	16.21		
		3.8	5.12	10.91	-9.6	-19.79		
2	-140.3							
		0	12.57	-19.46	-2.88	4.86		
		3.8	12.57	27.68	-2.88	-5.93		
198								
1	-63.77							
		0	4.16	-7.1	-8.37	14.54		
		3.8	4.16	8.52	-8.37	-16.83		
2	-74.39							
		0	7.29	-11.4	-2.51	4.36		
		3.8	7.29	15.94	-2.51	-5.05		
208								
1	-110.9							
		0	4.04	-7.19	-7.9	13.82		
		3.7	4.04	7.94	-7.9	-15.81		
2	-120							
		0	9.82	-16.94	-2.37	4.14		
		3.7	9.82	19.88	-2.37	-4.74		
218								
1	-53.75							
		0	4.11	-7.16	-7.02	12.48		
		3.7	4.11	8.28	-7.02	-13.84		
2	-61.34							
		0	7.38	-12.02	-2.11	3.74		
		3.7	7.38	15.65	-2.11	-4.15		
228								
1	-97.32							
		0	3.64	-5.78	-6.51	10.62		
		3.8	3.64	7.89	-6.51	-13.8		
2	-97.35							
		0	8.26	-11.72	-1.95	3.18		
		3.8	8.26	19.27	-1.95	-4.14		
238								
1	-43.93							
		0	4.04	-6.62	-5.79	9.61		
		3.8	4.04	8.54	-5.79	-12.08		
2	-49.04							
		0	6.78	-9.26	-1.74	2.89		
		3.8	6.78	16.15	-1.74	-3.62		

DESAIN STRUKTUR BAJA "SISTEM OPEN FRAME"
DATA PORTAL 3D UNTUK SHEAR DAN MOMENT
FRAME ELEMENT FORCES (KOLOM)

ELT ID	LOAD COMB	AXIAL FORCE	DIST ENDI	1-2 PLANE SHEAR	1-2 PLANE MOMENT	1-3 PLANE SHEAR	1-3 PLANE MOMENT	AXIAL TORO
248								
1	-74.77							
		0	3.2	-4.56	-4.9	7.36		
		3.8	3.2	7.44	-4.9	-11.03		
2	-74.77							
		0	6.71	-7.86	-1.47	2.21		
		3.8	6.71	17.3	-1.47	-3.31		
258								
1	-34.28							
		0	3.68	-5.64	-4.42	6.86		
		3.8	3.68	8.15	-4.42	-9.71		
2	-37.35							
		0	5.67	-6.26	-1.32	2.06		
		3.8	5.67	14.98	-1.32	-2.91		
268								
1	-52.29							
		0	2.32	-3.34	-3.13	4.03		
		3.8	2.32	5.38	-3.13	-7.72		
2	-52.28							
		0	4.57	-4.31	-0.94	1.21		
		3.8	4.57	12.82	-0.94	-2.31		
278								
1	-24.87							
		0	3.33	-5.13	-2.91	4.03		
		3.8	3.33	7.36	-2.91	-6.9		
2	-26.44							
		0	4.55	-4.36	-0.87	1.21		
		3.8	4.55	12.7	-0.87	-2.07		
288								
1	-29.84							
		0	3.34	-3.96	-1.44	1.24		
		3.8	3.34	8.56	-1.44	-4.15		
2	-29.84							
		0	4.37	-3.52	-0.43	0.37		
		3.8	4.37	12.85	-0.43	-1.25		
298								
1	-15.65							
		0	4.38	-5.06	-1.51	1.61		
		3.8	4.38	11.36	-1.51	-4.07		
2	-16.26							
		0	4.66	-3.64	-0.45	0.48		
		3.8	4.66	13.83	-0.45	-1.22		

DESAIN STRUKTUR BAJA "SISTEM OPEN FRAME"
 DATA PORTAL 3D UNTUK SHEAR DAN MOMENT
 FRAME ELEMENT FORCES (BALOK 6.5M)

ELT ID	LOAD COMB	AXIAL FORCE	DIST ENDI	1- 2 PLANE SHEAR	MOMENT	1- 3 PLANE SHEAR	AXIAL MOMENT TORO
308	1	0.44					
			0.7	1.46	2.59	0	0
			5.9	-5.91	-9.02	0	0
	2	0.23					
			0.7	-3.39	15.19	0	0
			5.9	-10.76	-21.62	0	0
323	1	-0.02					
			0.7	0.73	4.51	0	0
			5.9	-6.63	-10.86	0	0
	2	-0.42					
			0.7	-5.52	20.76	0	0
			5.9	-12.89	-27.11	0	0
338	1	-0.25					
			0.7	0.41	5.33	0	0
			5.9	-6.95	-11.7	0	0
	2	-0.83					
			0.7	-6.33	22.85	0	0
			5.9	-13.69	-29.22	0	0
353	1	-0.29					
			0.7	0.28	5.69	0	0
			5.9	-7.09	-12.05	0	0
	2	-1.05					
			0.7	-6.55	23.44	0	0
			5.9	-13.92	-29.8	0	0
368	1	-0.36					
			0.7	0.23	5.81	0	0
			5.9	-7.14	-12.19	0	0
	2	-1.31					
			0.7	-6.51	23.33	0	0
			5.9	-13.88	-29.71	0	0
383	1	-0.45					
			0.7	0.48	5.15	0	0
			5.9	-6.89	-11.54	0	0
	2	-1.56					
			0.7	-5.58	20.9	0	0
			5.9	-12.95	-27.29	0	0
398	1	-0.51					
			0.7	0.52	5.04	0	0
			5.9	-6.84	-11.42	0	0
	2	-1.82					
			0.7	-5.25	20.04	0	0
			5.9	-12.61	-26.42	0	0
413	1	-0.59					
			0.7	0.62	4.77	0	0
			5.9	-6.74	-11.16	0	0
	2	-2.07					
			0.7	-4.74	18.71	0	0
			5.9	-12.1	-25.09	0	0

DESAIN STRUKTUR BAJA "SISTEM OPEN FRAME"
 DATA PORTAL 3D UNTUK SHEAR DAN MOMENT
 FRAME ELEMENT FORCES (BALOK 6.5M)

ELT ID	LOAD COMB	AXIAL FORCE	DIST ENDI	1- 2 PLANE SHEAR	MOMENT	1- 3 PLANE SHEAR	AXIAL MOMENT TORO
428	1	-0.71					
			0.7	0.75	4.46	0	0
			5.9	-6.62	-10.83	0	0
	2	-2.35					
			0.7	-4.16	17.22	0	0
			5.9	-11.53	-23.59	0	0
443	1	-0.77					
			0.7	0.88	4.08	0	0
			5.9	-6.48	-10.5	0	0
	2	-2.68					
			0.7	-3.56	15.63	0	0
			5.9	-10.92	-22.04	0	0
458	1	-0.84					
			0.7	2.01	1.16	0	0
			5.9	-5.34	-7.53	0	0
	2	-2.78					
			0.7	-0.44	7.54	0	0
			5.9	-7.8	-13.91	0	0
473	1	-0.96					
			0.7	2.15	0.81	0	0
			5.9	-5.2	-7.16	0	0
	2	-3.15					
			0.7	0.13	6.06	0	0
			5.9	-7.22	-12.41	0	0
488	1	-0.81					
			0.7	2.34	0.29	0	0
			5.9	-5.01	-6.67	0	0
	2	-3.2					
			0.7	0.85	4.18	0	0
			5.9	-6.51	-10.55	0	0
503	1	-0.11					
			0.7	2.53	-0.14	0	0
			5.9	-4.83	-6.15	0	0
	2	-2.55					
			0.7	1.55	2.4	0	0
			5.9	-5.81	-8.69	0	0
518	1	-3.59					
			0.7	4.45	-1.79	0	0
			5.9	-6.28	-6.57	0	0
	2	-5.29					
			0.7	3.85	-0.23	0	0
			5.9	-6.88	-8.14	0	0

DESAIN STRUKTUR BAJA "SISTEM OPEN FRAME"
DATA PORTAL 3D UNTUK SHEAR DAN MOMENT
FRAME ELEMENT FORCES (BALOK 8M)

ELT ID	LOAD COMB	AXIAL FORCE	DIST ENDI	1- 2 PLANE SHEAR	1- 3 PLANE MOMENT	AXIAL SHEAR	MOMENT TORO
531	1	1.98					0
			0.8	1.83	11.1	0	-0.01
			7.2	-13.42	-26.02	0	0.01
	2	1.77					0
			0.8	5.9	-1.89	0.01	-0.02
			7.2	-9.36	-13.02	0.01	0.02
547	1	-0.75					0
			0.8	0.82	14.39	0.01	-0.02
			7.2	-14.44	-29.26	0.01	0.02
	2	-0.15					0
			0.8	5.58	-0.87	0.02	-0.06
			7.2	-9.67	-14	0.02	0.06
563	1	-1.24					0
			0.8	0.68	14.8	0.01	-0.03
			7.2	-14.57	-29.69	0.01	0.03
	2	-0.32					0
			0.8	5.55	-0.77	0.03	-0.1
			7.2	-9.71	-14.12	0.03	0.1
569	1	-0.39					0
			0.8	-7.27	22.88	-0.03	0.1
			7.2	-7.3	-23.77	-0.03	-0.1
	2	-0.09					0
			0.8	-2.25	7.12	-0.1	0.33
			7.2	-2.29	-7.41	-0.1	-0.33
585	1	-2.47					0
			0.8	1	13.81	0.02	-0.06
			7.2	-14.26	-28.67	0.02	0.06
	2	-0.83					0
			0.8	5.64	-1.04	0.06	-0.19
			7.2	-9.62	-13.82	0.06	0.19
611	1	-2.41					0
			0.8	1.62	11.82	0.02	-0.06
			7.2	-13.64	-26.68	0.02	0.06
	2	-0.61					0
			0.8	5.83	-1.64	0.07	-0.21
			7.2	-9.43	-13.22	0.07	0.21
629	1	-0.72					0
			0.8	1.57	11.81	-0.07	0.24
			7.2	-13.69	-27.02	-0.07	-0.24
	2	-0.19					0
			0.8	5.64	-0.97	-0.25	0.8
			7.2	-9.61	-13.7	-0.25	-0.8
645	1	-0.77					0
			0.8	2	10.45	-0.09	0.27
			7.2	-13.25	-25.6	-0.09	-0.27
	2	-0.21					0
			0.8	5.75	-1.28	-0.29	0.92
			7.2	-9.51	-13.36	-0.29	-0.92

DESAIN STRUKTUR BAJA "SISTEM OPEN FRAME"
DATA PORTAL 3D UNTUK SHEAR DAN MOMENT
FRAME ELEMENT FORCES (BALOK 8M)

ELT ID	LOAD COMB	AXIAL FORCE	DIST ENDI	1- 2 PLANE SHEAR	1- 3 PLANE MOMENT	AXIAL SHEAR	MOMENT TORO
661	1	-0.92					0
			0.8	2.5	8.89	-0.1	0.3
			7.2	-12.75	-23.95	-0.1	-0.3
	2	-0.09					0
			0.8	5.87	-1.66	-0.32	1.03
			7.2	-9.39	-12.97	-0.32	-1.03
677	1	-1.08					0
			0.8	3.03	7.21	-0.1	0.33
			7.2	-12.23	-22.26	-0.1	-0.33
	2	-0.7					0
			0.8	6.04	-2.16	-0.36	1.14
			7.2	-9.22	-12.38	-0.36	-1.14
693	1	-0.99					0
			0.8	4	4.21	-0.1	0.32
			7.2	-11.26	-19.07	-0.1	-0.32
	2	-0.12					0
			0.8	6.36	-3.15	-0.34	1.1
			7.2	-8.88	-11.27	-0.34	-1.1
709	1	-1.2					0
			0.8	4.67	2.09	-0.11	0.35
			7.2	-10.58	-16.85	-0.11	-0.35
	2	-0.35					0
			0.8	6.55	-3.73	-0.37	1.19
			7.2	-8.71	-10.68	-0.37	-1.19
725	1	-1.48					0
			0.8	5.46	-0.33	-0.12	0.37
			7.2	-9.8	-14.25	-0.12	-0.37
	2	-0.56					0
			0.8	6.76	-4.38	-0.39	1.25
			7.2	-8.49	-9.95	-0.39	-1.25
741	1	0.27					0
			0.8	6.23	-2.82	-0.12	0.39
			7.2	-9.03	-11.82	-0.12	-0.39
	2	1.37					0
			0.8	6.96	-5.1	-0.4	1.29
			7.2	-8.3	-9.41	-0.4	-1.29
757	1	-6.16					0
			0.8	7.61	-5.3	-0.12	0.4
			7.2	-8.35	-7.68	-0.12	-0.4
	2	-5.69					0
			0.8	7.94	-6.27	-0.41	1.3
			7.2	-8.02	-6.56	-0.41	-1.3

STRUKTUR BAJA "SISTEM KERANGKA PENAHAN MOMEN

JOINT DISPLACEMENTS "U" AND ROTATIONS "R"
LOAD COMBINATION 1 (Gempa Arah X)

JOINT	U(X)	U(Y)	U(Z)	R(X)	R(Y)
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	2.11E-05	3.64E-06	1.67E-07	-1.38E-06	6.72E-06
22	2.12E-05	4.15E-06	-4.08E-07	-1.70E-06	5.83E-06
23	2.12E-05	4.31E-06	-4.05E-07	-1.76E-06	5.86E-06
24	2.12E-05	4.15E-06	-3.95E-07	-1.70E-06	5.83E-06
25	2.11E-05	3.64E-06	-3.49E-07	-1.38E-06	6.35E-06
26	2.07E-05	3.67E-06	-1.86E-07	-1.26E-06	7.28E-06
27	2.08E-05	4.21E-06	-1.05E-06	-1.41E-06	6.43E-06
28	2.09E-05	4.37E-06	-1.05E-06	-1.47E-06	6.44E-06
29	2.09E-05	4.21E-06	-1.04E-06	-1.41E-06	6.43E-06
30	2.09E-05	3.67E-06	-6.21E-07	-1.26E-06	6.60E-06
31	2.08E-05	3.67E-06	7.80E-08	-1.31E-06	6.95E-06
32	2.09E-05	4.22E-06	-4.83E-07	-1.54E-06	6.43E-06
33	2.09E-05	4.38E-06	-4.86E-07	-1.59E-06	6.44E-06
34	2.08E-05	4.22E-06	-4.75E-07	-1.54E-06	6.42E-06
35	2.07E-05	3.67E-06	-3.58E-07	-1.31E-06	6.93E-06
36	2.11E-05	3.68E-06	-3.62E-08	-1.24E-06	6.68E-06
37	2.12E-05	4.26E-06	-6.91E-07	-1.31E-06	5.83E-06
38	2.12E-05	4.43E-06	-6.95E-07	-1.37E-06	5.86E-06
39	2.12E-05	4.26E-06	-6.79E-07	-1.31E-06	5.83E-06
40	2.11E-05	3.68E-06	-5.51E-07	-1.24E-06	6.38E-06
41	5.04E-05	9.82E-06	2.93E-07	-1.82E-06	7.47E-06
42	5.03E-05	1.13E-05	-7.18E-07	-2.18E-06	6.88E-06
43	5.03E-05	1.17E-05	-7.15E-07	-2.26E-06	6.88E-06
44	5.03E-05	1.13E-05	-6.97E-07	-2.18E-06	6.86E-06
45	5.02E-05	9.82E-06	-6.14E-07	-1.82E-06	7.53E-06
46	5.19E-05	9.82E-06	-3.34E-07	-1.71E-06	8.66E-06
47	5.19E-05	1.13E-05	-1.86E-06	-1.94E-06	7.93E-06
48	5.19E-05	1.17E-05	-1.87E-06	-2.02E-06	7.91E-06
49	5.18E-05	1.13E-05	-1.85E-06	-1.94E-06	7.89E-06
50	5.18E-05	9.82E-06	-1.10E-06	-1.71E-06	8.14E-06
51	5.19E-05	9.82E-06	1.35E-07	-1.75E-06	8.41E-06
52	5.19E-05	1.13E-05	-8.59E-07	-2.03E-06	7.92E-06
53	5.19E-05	1.17E-05	-8.66E-07	-2.11E-06	7.91E-06
54	5.18E-05	1.13E-05	-8.45E-07	-2.03E-06	7.90E-06
55	5.18E-05	9.82E-06	-6.35E-07	-1.75E-06	8.39E-06
56	5.03E-05	9.81E-06	-7.04E-08	-1.71E-06	7.61E-06
57	5.03E-05	1.13E-05	-1.23E-06	-1.87E-06	6.88E-06
58	5.03E-05	1.17E-05	-1.24E-06	-1.95E-06	6.88E-06

STRUKTUR BAJA "SISTEM KERANGKA PENAHAN MOMEN

JOINT DISPLACEMENTS "U" AND ROTATIONS "R"
LOAD COMBINATION 1 (Gempa Arah X)

JOINT	U(X)	U(Y)	U(Z)	R(X)	R(Y)
59	5.03E-05	1.13E-05	-1.21E-06	-1.87E-06	6.86E-06
60	5.03E-05	9.81E-06	-9.78E-07	-1.71E-06	7.38E-06
61	8.16E-05	1.72E-05	3.99E-07	-2.00E-06	7.69E-06
62	8.16E-05	1.97E-05	-1.01E-06	-2.39E-06	7.03E-06
63	8.15E-05	2.05E-05	-1.01E-06	-2.48E-06	7.04E-06
64	8.15E-05	1.97E-05	-9.84E-07	-2.39E-06	7.02E-06
65	8.15E-05	1.72E-05	-8.56E-07	-2.00E-06	7.67E-06
66	8.64E-05	1.72E-05	-4.78E-07	-1.89E-06	9.03E-06
67	8.63E-05	1.97E-05	-2.62E-06	-2.15E-06	8.27E-06
68	8.63E-05	2.05E-05	-2.63E-06	-2.24E-06	8.26E-06
69	8.62E-05	1.97E-05	-2.60E-06	-2.15E-06	8.25E-06
70	8.62E-05	1.72E-05	-1.55E-06	-1.89E-06	8.52E-06
71	8.64E-05	1.72E-05	1.82E-07	-1.93E-06	8.79E-06
72	8.63E-05	1.97E-05	-1.21E-06	-2.24E-06	8.27E-06
73	8.63E-05	2.05E-05	-1.22E-06	-2.33E-06	8.26E-06
74	8.62E-05	1.97E-05	-1.19E-06	-2.24E-06	8.25E-06
75	8.62E-05	1.72E-05	-8.86E-07	-1.93E-06	8.76E-06
76	8.16E-05	1.71E-05	-1.10E-07	-1.90E-06	7.80E-06
77	8.16E-05	1.97E-05	-1.73E-06	-2.09E-06	7.03E-06
78	8.15E-05	2.05E-05	-1.74E-06	-2.18E-06	7.04E-06
79	8.15E-05	1.97E-05	-1.70E-06	-2.09E-06	7.02E-06
80	8.15E-05	1.71E-05	-1.36E-06	-1.90E-06	7.56E-06
81	1.13E-04	2.49E-05	4.83E-07	-2.05E-06	7.55E-06
82	1.13E-04	2.86E-05	-1.29E-06	-2.45E-06	6.91E-06
83	1.13E-04	2.98E-05	-1.29E-06	-2.54E-06	6.91E-06
84	1.13E-04	2.86E-05	-1.26E-06	-2.45E-06	6.90E-06
85	1.13E-04	2.49E-05	-1.08E-06	-2.05E-06	7.52E-06
86	1.21E-04	2.49E-05	-6.20E-07	-1.94E-06	8.95E-06
87	1.21E-04	2.86E-05	-3.32E-06	-2.21E-06	8.20E-06
88	1.21E-04	2.97E-05	-3.33E-06	-2.30E-06	8.19E-06
89	1.21E-04	2.86E-05	-3.30E-06	-2.21E-06	8.18E-06
90	1.21E-04	2.49E-05	-1.95E-06	-1.94E-06	8.43E-06
91	1.21E-04	2.49E-05	2.16E-07	-1.96E-06	8.70E-06
92	1.21E-04	2.86E-05	-1.53E-06	-2.30E-06	8.20E-06
93	1.21E-04	2.97E-05	-1.55E-06	-2.39E-06	8.19E-06
94	1.21E-04	2.86E-05	-1.51E-06	-2.30E-06	8.18E-06
95	1.21E-04	2.49E-05	-1.12E-06	-1.98E-06	8.67E-06
96	1.13E-04	2.49E-05	-1.56E-07	-1.95E-06	7.66E-06
97	1.13E-04	2.86E-05	-2.19E-06	-2.15E-06	6.92E-06
98	1.13E-04	2.97E-05	-2.21E-06	-2.25E-06	6.91E-06
99	1.13E-04	2.86E-05	-2.16E-06	-2.15E-06	6.89E-06
100	1.13E-04	2.49E-05	-1.71E-06	-1.95E-06	7.41E-06
101	1.43E-04	3.27E-05	5.45E-07	-2.03E-06	7.26E-06
102	1.43E-04	3.76E-05	-1.55E-06	-2.44E-06	6.65E-06
103	1.43E-04	3.91E-05	-1.55E-06	-2.54E-06	6.64E-06
104	1.43E-04	3.76E-05	-1.51E-06	-2.44E-06	6.61E-06
105	1.43E-04	3.27E-05	-1.27E-06	-2.03E-06	7.31E-06
106	1.55E-04	3.27E-05	-7.58E-07	-1.91E-06	8.74E-06
107	1.55E-04	3.76E-05	-3.96E-06	-2.17E-06	7.93E-06
108	1.55E-04	3.91E-05	-3.98E-06	-2.26E-06	7.92E-06
109	1.55E-04	3.76E-05	-3.94E-06	-2.17E-06	7.90E-06
110	1.55E-04	3.27E-05	-2.32E-06	-1.90E-06	8.16E-06
111	1.55E-04	3.27E-05	2.44E-07	-1.95E-06	8.47E-06
112	1.55E-04	3.75E-05	-1.83E-06	-2.27E-06	7.93E-06
113	1.55E-04	3.91E-05	-1.84E-06	-2.37E-06	7.92E-06
114	1.55E-04	3.75E-05	-1.80E-06	-2.27E-06	7.90E-06
115	1.55E-04	3.27E-05	-1.32E-06	-1.95E-06	8.44E-06
116	1.43E-04	3.27E-05	-2.06E-07	-1.92E-06	7.42E-06

STRUKTUR BAJA "SISTEM KERANGKA PENAHAN MOMEN

JOINT DISPLACEMENTS "U" AND ROTATIONS "R"
LOAD COMBINATION 1 (Gempa Arah X)

JOINT	U(X)	U(Y)	U(Z)	R(X)	R(Y)
117	1.43E-04	3.75E-05	-2.61E-06	-2.12E-06	6.65E-06
118	1.43E-04	3.90E-05	-2.63E-06	-2.22E-06	6.64E-06
119	1.43E-04	3.75E-05	-2.57E-06	-2.12E-06	6.62E-06
120	1.43E-04	3.27E-05	-2.02E-06	-1.92E-06	7.15E-06
121	1.73E-04	4.03E-05	5.93E-07	-1.95E-06	7.13E-06
122	1.73E-04	4.64E-05	-1.83E-06	-2.38E-06	6.26E-06
123	1.73E-04	4.83E-05	-1.83E-06	-2.47E-06	6.25E-06
124	1.72E-04	4.64E-05	-1.79E-06	-2.38E-06	6.23E-06
125	1.72E-04	4.03E-05	-1.47E-06	-1.95E-06	6.68E-06
126	1.89E-04	4.03E-05	-9.20E-07	-1.81E-06	8.40E-06
127	1.89E-04	4.64E-05	-4.66E-06	-2.07E-06	7.51E-06
128	1.89E-04	4.83E-05	-4.68E-06	-2.16E-06	7.50E-06
129	1.88E-04	4.64E-05	-4.83E-06	-2.07E-06	7.47E-06
130	1.88E-04	4.03E-05	-2.71E-06	-1.81E-06	7.74E-06
131	1.89E-04	4.03E-05	2.63E-07	-1.86E-06	8.09E-06
132	1.89E-04	4.64E-05	-2.15E-06	-2.19E-06	7.51E-06
133	1.89E-04	4.82E-05	-2.17E-06	-2.28E-06	7.50E-06
134	1.88E-04	4.64E-05	-2.12E-06	-2.19E-06	7.47E-06
135	1.88E-04	4.03E-05	-1.53E-06	-1.86E-06	8.05E-06
136	1.73E-04	4.03E-05	-2.66E-07	-1.83E-06	7.05E-06
137	1.73E-04	4.64E-05	-3.03E-06	-2.03E-06	6.26E-06
138	1.73E-04	4.82E-05	-3.06E-06	-2.13E-06	6.25E-06
139	1.72E-04	4.64E-05	-2.99E-06	-2.03E-06	6.23E-06
140	1.72E-04	4.03E-05	-2.33E-06	-1.83E-06	6.76E-06
141	2.00E-04	4.75E-05	6.24E-07	-1.83E-06	6.39E-06
142	2.00E-04	5.48E-05	-2.07E-06	-2.26E-06	5.83E-06
143	2.00E-04	5.71E-05	-2.07E-06	-2.35E-06	5.81E-06
144	2.00E-04	5.48E-05	-2.03E-06	-2.26E-06	5.78E-06
145	2.00E-04	4.75E-05	-1.84E-06	-1.83E-06	6.43E-06
146	2.20E-04	4.75E-05	-1.08E-06	-1.69E-06	7.89E-06
147	2.20E-04	5.48E-05	-5.29E-06	-1.96E-06	7.06E-06
148	2.20E-04	5.70E-05	-5.31E-06	-2.04E-06	7.03E-06
149	2.20E-04	5.48E-05	-5.26E-06	-1.96E-06	7.01E-06
150	2.20E-04	4.75E-05	-3.06E-06	-1.69E-06	7.23E-06
151	2.20E-04	4.75E-05	2.72E-07	-1.74E-06	7.58E-06
152	2.20E-04	5.48E-05	-2.43E-06	-2.07E-06	7.05E-06
153	2.20E-04	5.70E-05	-2.46E-06	-2.16E-06	7.03E-06
154	2.20E-04	5.48E-05	-2.40E-06	-2.07E-06	7.01E-06
155	2.20E-04	4.75E-05	-1.71E-06	-1.74E-06	7.54E-06
156	2.00E-04	4.75E-05	-3.29E-07	-1.71E-06	6.56E-06
157	2.00E-04	5.48E-05	-3.42E-06	-1.92E-06	5.82E-06
158	2.00E-04	5.70E-05	-3.45E-06	-2.00E-06	5.81E-06
159	2.00E-04	5.48E-05	-3.37E-06	-1.92E-06	5.78E-06
160	2.00E-04	4.75E-05	-2.59E-06	-1.71E-06	6.26E-06
161	2.26E-04	5.42E-05	6.37E-07	-1.89E-06	5.87E-06
162	2.25E-04	6.27E-05	-2.30E-06	-2.13E-06	5.31E-06
163	2.25E-04	6.53E-05	-2.30E-06	-2.22E-06	5.29E-06
164	2.25E-04	6.27E-05	-2.25E-06	-2.13E-06	5.27E-06
165	2.25E-04	5.42E-05	-1.79E-06	-1.69E-06	5.82E-06
166	2.50E-04	5.42E-05	-1.23E-06	-1.55E-06	7.35E-06
167	2.50E-04	6.27E-05	-5.86E-06	-1.83E-06	6.54E-06
168	2.49E-04	6.53E-05	-5.88E-06	-1.91E-06	6.52E-06
169	2.49E-04	6.27E-05	-5.83E-06	-1.83E-06	6.49E-06
170	2.49E-04	5.42E-05	-3.36E-06	-1.55E-06	6.68E-06
171	2.50E-04	5.41E-05	2.71E-07	-1.60E-06	7.04E-06
172	2.49E-04	6.27E-05	-2.69E-06	-1.94E-06	6.54E-06
173	2.49E-04	6.53E-05	-2.72E-06	-2.02E-06	6.52E-06
174	2.49E-04	6.27E-05	-2.65E-06	-1.94E-06	6.50E-06

STRUKTUR BAJA "SISTEM KERANGKA PENAHAN MOMEN

JOINT DISPLACEMENTS "U" AND ROTATIONS "R"
LOAD COMBINATION 1 (Gempa Arah X)

JOINT	U(X)	U(Y)	U(Z)	R(X)	R(Y)
175	2.49E-04	5.41E-05	-1.87E-06	-1.60E-06	6.99E-06
176	2.26E-04	5.41E-05	-3.95E-07	-1.57E-06	5.99E-06
177	2.25E-04	6.27E-05	-3.76E-06	-1.78E-06	5.31E-06
178	2.25E-04	6.53E-05	-3.80E-06	-1.87E-06	5.29E-06
179	2.25E-04	6.27E-05	-3.71E-06	-1.78E-06	5.27E-06
180	2.25E-04	5.41E-05	-2.82E-06	-1.57E-06	5.70E-06
181	2.48E-04	6.03E-05	6.34E-07	-1.55E-06	5.26E-06
182	2.48E-04	7.01E-05	-2.50E-06	-2.00E-06	4.78E-06
183	2.48E-04	7.30E-05	-2.51E-06	-2.08E-06	4.75E-06
184	2.48E-04	7.01E-05	-2.46E-06	-2.00E-06	4.74E-06
185	2.48E-04	6.03E-05	-1.91E-06	-1.55E-06	5.21E-06
186	2.77E-04	6.03E-05	-1.37E-06	-1.42E-06	6.78E-06
187	2.77E-04	7.01E-05	-6.36E-06	-1.71E-06	6.06E-06
188	2.76E-04	7.30E-05	-6.39E-06	-1.79E-06	6.02E-06
189	2.76E-04	7.01E-05	-6.33E-06	-1.71E-06	6.00E-06
190	2.76E-04	6.03E-05	-3.62E-06	-1.42E-06	6.13E-06
191	2.77E-04	6.02E-05	2.63E-07	-1.46E-06	6.48E-06
192	2.77E-04	7.01E-05	-2.91E-06	-1.82E-06	6.05E-06
193	2.76E-04	7.30E-05	-2.94E-06	-1.89E-06	6.02E-06
194	2.76E-04	7.01E-05	-2.87E-06	-1.82E-06	6.01E-06
195	2.76E-04	6.02E-05	-2.00E-06	-1.47E-06	6.43E-06
196	2.48E-04	6.02E-05	-4.61E-07	-1.43E-06	5.38E-06
197	2.48E-04	7.01E-05	-4.06E-06	-1.66E-06	4.78E-06
198	2.48E-04	7.30E-05	-4.10E-06	-1.74E-06	4.75E-06
199	2.48E-04	7.01E-05	-4.01E-06	-1.66E-06	4.73E-06
200	2.48E-04	6.02E-05	-3.01E-06	-1.43E-06	5.09E-06
201	2.69E-04	6.59E-05	6.17E-07	-1.48E-06	4.81E-06
202	2.69E-04	7.71E-05	-2.69E-06	-1.98E-06	4.32E-06
203	2.69E-04	8.03E-05	-2.70E-06	-2.06E-06	4.29E-06
204	2.69E-04	7.71E-05	-2.65E-06	-1.98E-06	4.25E-06
205	2.69E-04	6.59E-05	-2.02E-06	-1.48E-06	4.83E-06
206	3.02E-04	6.59E-05	-1.50E-06	-1.30E-06	6.61E-06
207	3.02E-04	7.71E-05	-6.79E-06	-1.60E-06	5.66E-06
208	3.02E-04	8.03E-05	-6.82E-06	-1.67E-06	5.61E-06
209	3.02E-04	7.71E-05	-6.76E-06	-1.60E-06	5.57E-06
210	3.01E-04	6.59E-05	-3.84E-06	-1.30E-06	5.75E-06
211	3.02E-04	6.58E-05	2.49E-07	-1.38E-06	6.23E-06
212	3.02E-04	7.70E-05	-3.10E-06	-1.73E-06	5.65E-06
213	3.02E-04	8.02E-05	-3.13E-06	-1.80E-06	5.61E-06
214	3.02E-04	7.70E-05	-3.06E-06	-1.73E-06	5.58E-06
215	3.01E-04	6.59E-05	-2.10E-06	-1.36E-06	6.13E-06
216	2.89E-04	6.59E-05	-5.26E-07	-1.34E-06	5.00E-06
217	2.69E-04	7.70E-05	-4.31E-06	-1.59E-06	4.32E-06
218	2.69E-04	8.02E-05	-4.36E-06	-1.66E-06	4.29E-06
219	2.69E-04	7.70E-05	-4.27E-06	-1.59E-06	4.25E-06
220	2.69E-04	6.59E-05	-3.16E-06	-1.34E-06	6.64E-06
221	2.89E-04	7.15E-05	5.82E-07	-1.49E-06	5.24E-06
222	2.89E-04	8.42E-05	-2.89E-06	-2.04E-06	4.61E-06
223	2.89E-04	8.77E-05	-2.90E-06	-2.12E-06	4.58E-06
224	2.89E-04	8.42E-05	-2.85E-06	-2.04E-06	4.57E-06
225	2.89E-04	7.15E-05	-2.13E-06	-1.48E-06	4.65E-06
226	3.28E-04	7.14E-05	-1.68E-06	-1.33E-06	7.02E-06
227	3.28E-04	8.42E-05	-7.33E-06	-1.67E-06	6.06E-06
228	3.28E-04	8.77E-05	-7.37E-06	-1.74E-06	6.02E-06
229	3.28E-04	8.42E-05	-7.30E-06	-1.67E-06	5.99E-06
230	3.28E-04	7.14E-05	-4.11E-06	-1.32E-06	5.93E-06
231	3.28E-04	7.14E-05	2.19E-07	-1.41E-06	6.52E-06
232	3.28E-04	8.41E-05	-3.33E-06	-1.86E-06	6.06E-06

STRUKTUR BAJA "SISTEM KERANGKA PENAHAN MOMEN

JOINT DISPLACEMENTS "U" AND ROTATIONS "R"
LOAD COMBINATION 1 (Gempa Aras X)

JOINT	U(X)	U(Y)	U(Z)	R(X)	R(Y)
233	3.28E-04	8.76E-05	-3.37E-06	-1.93E-06	6.02E-06
234	3.28E-04	8.41E-05	-3.30E-06	-1.86E-06	5.99E-06
235	3.28E-04	7.14E-05	-2.22E-06	-1.41E-06	6.42E-06
236	2.89E-04	7.14E-05	-6.02E-07	-1.33E-06	5.14E-06
237	2.89E-04	8.41E-05	-4.57E-06	-1.59E-06	4.62E-06
238	2.89E-04	8.76E-05	-4.63E-06	-1.67E-06	4.58E-06
239	2.89E-04	8.41E-05	-4.53E-06	-1.59E-06	4.57E-06
240	2.89E-04	7.14E-05	-3.31E-06	-1.33E-06	4.76E-06
241	3.08E-04	7.67E-05	5.48E-07	-1.32E-06	4.20E-06
242	3.08E-04	9.10E-05	-3.05E-06	-1.84E-06	3.93E-06
243	3.08E-04	9.48E-05	-3.07E-06	-1.91E-06	3.89E-06
244	3.08E-04	9.10E-05	-3.01E-06	-1.84E-06	3.87E-06
245	3.08E-04	7.67E-05	-2.21E-06	-1.32E-06	4.26E-06
246	3.53E-04	7.66E-05	-1.84E-06	-1.16E-06	6.02E-06
247	3.52E-04	9.09E-05	-7.78E-06	-1.46E-06	5.15E-06
248	3.52E-04	9.47E-05	-7.81E-06	-1.53E-06	5.10E-06
249	3.52E-04	9.09E-05	-7.74E-06	-1.46E-06	5.07E-06
250	3.52E-04	7.66E-05	-4.33E-06	-1.16E-06	4.99E-06
251	3.53E-04	7.66E-05	1.85E-07	-1.24E-06	5.54E-06
252	3.52E-04	9.08E-05	-3.52E-06	-1.65E-06	5.13E-06
253	3.52E-04	9.46E-05	-3.56E-06	-1.71E-06	5.10E-06
254	3.52E-04	9.08E-05	-3.48E-06	-1.65E-06	5.08E-06
255	3.52E-04	7.66E-05	-2.31E-06	-1.24E-06	5.47E-06
256	3.08E-04	7.66E-05	-6.72E-07	-1.17E-06	4.41E-06
257	3.08E-04	9.08E-05	-4.79E-06	-1.40E-06	3.93E-06
258	3.08E-04	9.46E-05	-4.84E-06	-1.47E-06	3.89E-06
259	3.08E-04	9.08E-05	-4.75E-06	-1.40E-06	3.87E-06
260	3.08E-04	7.66E-05	-3.43E-06	-1.17E-06	4.05E-06
261	3.23E-04	8.10E-05	5.08E-07	-1.07E-06	3.18E-06
262	3.23E-04	9.66E-05	-3.19E-06	-1.50E-06	2.90E-06
263	3.23E-04	1.01E-04	-3.21E-06	-1.55E-06	2.89E-06
264	3.23E-04	9.66E-05	-3.15E-06	-1.50E-06	2.91E-06
265	3.23E-04	8.10E-05	-2.28E-06	-1.06E-06	3.12E-06
266	3.72E-04	8.10E-05	-1.97E-06	-9.13E-07	4.56E-06
267	3.72E-04	9.65E-05	-8.11E-06	-1.13E-06	3.77E-06
268	3.71E-04	1.01E-04	-8.15E-06	-1.19E-06	3.75E-06
269	3.71E-04	9.65E-05	-8.08E-06	-1.13E-06	3.75E-06
270	3.71E-04	8.10E-05	-4.49E-06	-9.12E-07	3.54E-06
271	3.72E-04	8.09E-05	1.48E-07	-1.01E-06	4.08E-06
272	3.72E-04	9.65E-05	-3.66E-06	-1.34E-06	3.78E-06
273	3.71E-04	1.01E-04	-3.71E-06	-1.39E-06	3.75E-06
274	3.71E-04	9.65E-05	-3.63E-06	-1.34E-06	3.73E-06
275	3.71E-04	8.09E-05	-2.38E-06	-1.01E-06	4.01E-06
276	3.23E-04	8.09E-05	-7.34E-07	-9.31E-07	3.33E-06
277	3.23E-04	9.65E-05	-4.96E-06	-1.09E-06	2.91E-06
278	3.23E-04	1.01E-04	-5.01E-06	-1.15E-06	2.90E-06
279	3.23E-04	9.65E-05	-4.91E-06	-1.09E-06	2.89E-06
280	3.23E-04	8.09E-05	-3.52E-06	-9.32E-07	2.97E-06
281	3.33E-04	8.43E-05	4.68E-07	-7.75E-07	1.83E-06
282	3.33E-04	1.01E-04	-3.30E-06	-1.11E-06	1.91E-06
283	3.33E-04	1.05E-04	-3.32E-06	-1.15E-06	1.86E-06
284	3.33E-04	1.01E-04	-3.26E-06	-1.11E-06	1.82E-06
285	3.33E-04	8.43E-05	-2.34E-06	-7.74E-07	2.15E-06
286	3.85E-04	8.43E-05	-2.07E-06	-7.01E-07	2.88E-06
287	3.85E-04	1.01E-04	-8.35E-06	-8.63E-07	2.44E-06
288	3.85E-04	1.05E-04	-8.39E-06	-9.06E-07	2.36E-06
289	3.84E-04	1.01E-04	-8.32E-06	-8.63E-07	2.29E-06
290	3.84E-04	8.43E-05	-4.61E-06	-7.00E-07	2.12E-06

STRUKTUR BAJA "SISTEM KERANGKA PENAHAN MOMEN

JOINT DISPLACEMENTS "U" AND ROTATIONS "R"
LOAD COMBINATION 1 (Gempa Aras X)

JOINT	U(X)	U(Y)	U(Z)	R(X)	R(Y)
291	3.85E-04	8.43E-05	1.13E-07	-7.28E-07	2.50E-06
292	3.85E-04	1.01E-04	-3.77E-06	-9.75E-07	2.37E-06
293	3.85E-04	1.05E-04	-3.81E-06	-1.02E-06	2.35E-06
294	3.84E-04	1.01E-04	-3.73E-06	-9.75E-07	2.35E-06
295	3.84E-04	8.43E-05	-2.44E-06	-7.28E-07	2.50E-06
296	3.33E-04	8.44E-05	-7.86E-07	-7.01E-07	2.04E-06
297	3.33E-04	1.01E-04	-5.07E-06	-7.59E-07	1.91E-06
298	3.33E-04	1.05E-04	-5.13E-06	-8.02E-07	1.86E-06
299	3.33E-04	1.01E-04	-5.04E-06	-7.59E-07	1.82E-06
300	3.33E-04	8.44E-05	-3.59E-06	-7.02E-07	1.94E-06
301	3.40E-04	8.70E-05	4.30E-07	-1.02E-06	2.19E-06
302	3.40E-04	1.04E-04	-3.38E-06	-1.59E-06	1.07E-06
303	3.39E-04	1.09E-04	-3.40E-06	-1.63E-06	1.02E-06
304	3.39E-04	1.04E-04	-3.34E-06	-1.59E-06	1.01E-06
305	3.39E-04	8.70E-05	-2.38E-06	-1.02E-06	2.57E-07
306	3.93E-04	8.68E-05	-2.13E-06	-2.93E-07	2.98E-06
307	3.93E-04	1.04E-04	-8.49E-06	-4.06E-07	1.40E-06
308	3.92E-04	1.08E-04	-8.53E-06	-4.38E-07	1.29E-06
309	3.92E-04	1.04E-04	-8.46E-06	-4.06E-07	1.21E-06
310	3.91E-04	8.68E-05	-4.68E-06	-3.90E-07	3.77E-06
311	3.93E-04	8.67E-05	8.15E-08	-6.43E-07	1.53E-06
312	3.92E-04	1.04E-04	-3.82E-06	-7.77E-07	1.34E-06
313	3.92E-04	1.08E-04	-3.87E-06	-8.09E-07	1.29E-06
314	3.92E-04	1.04E-04	-3.79E-06	-7.77E-07	1.26E-06
315	3.92E-04	8.67E-05	-2.47E-06	-6.46E-07	1.48E-06
316	3.40E-04	8.66E-05	-8.25E-07	-1.47E-07	2.11E-06
317	3.40E-04	1.04E-04	-5.15E-06	-5.03E-06	1.09E-06
318	3.39E-04	1.08E-04	-5.21E-06	-8.45E-06	1.02E-06
319	3.39E-04	1.04E-04	-5.11E-06	-5.02E-06	9.90E-07
320	3.39E-04	8.66E-05	-3.63E-06	-1.51E-07	3.38E-07

STRUKTUR BAJA "SISTEM KERANGKA PENAHAN MOMEN"

JOINT DISPLACEMENTS "U" AND ROTATIONS "R"
LOAD COMBINATION 1 (Gempa Arah Y)

JOINT	U(X)	U(Y)	U(Z)	R(X)	R(Y)
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	6.34E-06	1.22E-05	1.56E-07	-4.45E-06	2.15E-06
22	6.36E-06	1.40E-05	-2.02E-07	-5.22E-06	1.75E-06
23	6.37E-06	1.45E-05	-1.96E-07	-5.41E-06	1.76E-06
24	6.36E-06	1.40E-05	-1.98E-07	-5.22E-06	1.75E-06
25	6.33E-06	1.22E-05	1.72E-09	-4.45E-06	1.78E-06
26	6.11E-06	1.23E-05	-2.89E-07	-4.26E-06	2.42E-06
27	6.20E-06	1.41E-05	-9.88E-07	-4.85E-06	1.93E-06
28	6.26E-06	1.46E-05	-9.90E-07	-5.05E-06	1.93E-06
29	6.31E-06	1.41E-05	-9.86E-07	-4.85E-06	1.93E-06
30	6.35E-06	1.23E-05	-4.19E-07	-4.26E-06	1.75E-06
31	6.24E-06	1.23E-05	-1.24E-07	-4.31E-06	2.09E-06
32	6.26E-06	1.41E-05	-5.38E-07	-4.98E-06	1.93E-06
33	6.27E-06	1.46E-05	-5.46E-07	-5.17E-06	1.93E-06
34	6.26E-06	1.41E-05	-5.35E-07	-4.98E-06	1.93E-06
35	6.23E-06	1.23E-05	-2.54E-07	-4.31E-06	2.08E-06
36	6.30E-06	1.22E-05	-3.87E-07	-4.31E-06	2.11E-06
37	6.34E-06	1.41E-05	-8.88E-07	-4.83E-06	1.75E-06
38	6.37E-06	1.46E-05	-9.05E-07	-5.03E-06	1.76E-06
39	6.38E-06	1.41E-05	-8.84E-07	-4.83E-06	1.75E-06
40	6.37E-06	1.22E-05	-5.41E-07	-4.31E-06	1.81E-06
41	1.51E-05	3.28E-05	2.78E-07	-5.95E-06	2.22E-06
42	1.51E-05	3.77E-05	-3.52E-07	-6.91E-06	2.07E-06
43	1.51E-05	3.92E-05	-3.41E-07	-7.18E-06	2.06E-06
44	1.51E-05	3.77E-05	-3.46E-07	-6.91E-06	2.05E-06
45	1.50E-05	3.28E-05	6.39E-09	-5.95E-06	2.29E-06
46	1.56E-05	3.28E-05	-5.16E-07	-5.77E-06	2.78E-06
47	1.56E-05	3.76E-05	-1.76E-06	-6.59E-06	2.39E-06
48	1.56E-05	3.91E-05	-1.78E-06	-6.85E-06	2.37E-06
49	1.56E-05	3.76E-05	-1.75E-06	-6.59E-06	2.36E-06
50	1.56E-05	3.28E-05	-7.46E-07	-5.77E-06	2.27E-06
51	1.56E-05	3.28E-05	-2.22E-07	-5.80E-06	2.53E-06
52	1.56E-05	3.76E-05	-9.56E-07	-6.68E-06	2.38E-06
53	1.56E-05	3.91E-05	-9.72E-07	-6.94E-06	2.37E-06
54	1.56E-05	3.76E-05	-9.52E-07	-6.68E-06	2.37E-06
55	1.56E-05	3.28E-05	-4.53E-07	-5.80E-06	2.51E-06
56	1.51E-05	3.28E-05	-6.91E-07	-5.84E-06	2.36E-06
57	1.51E-05	3.76E-05	-1.58E-06	-6.60E-06	2.07E-06
58	1.51E-05	3.91E-05	-1.61E-06	-6.87E-06	2.06E-06

STRUKTUR BAJA "SISTEM KERANGKA PENAHAN MOMEN"

JOINT DISPLACEMENTS "U" AND ROTATIONS "R"
LOAD COMBINATION 1 (Gempa Arah Y)

JOINT	U(X)	U(Y)	U(Z)	R(X)	R(Y)
59	1.51E-05	3.76E-05	-1.57E-06	-6.60E-06	2.05E-06
60	1.51E-05	3.28E-05	-9.62E-07	-5.84E-06	2.14E-06
61	2.45E-05	5.74E-05	3.82E-07	-6.58E-06	2.32E-06
62	2.45E-05	6.58E-05	-5.01E-07	-7.64E-06	2.11E-06
63	2.45E-05	6.84E-05	-4.86E-07	-7.94E-06	2.11E-06
64	2.45E-05	6.58E-05	-4.93E-07	-7.64E-06	2.10E-06
65	2.45E-05	5.74E-05	5.87E-09	-6.58E-06	2.29E-06
66	2.59E-05	5.74E-05	-7.32E-07	-8.39E-06	2.89E-06
67	2.59E-05	6.58E-05	-2.47E-06	-7.31E-06	2.48E-06
68	2.59E-05	6.84E-05	-2.48E-06	-7.80E-06	2.48E-06
69	2.59E-05	6.58E-05	-2.47E-06	-7.31E-06	2.47E-06
70	2.59E-05	5.74E-05	-1.05E-06	-6.39E-06	2.38E-06
71	2.59E-05	5.74E-05	-3.14E-07	-6.43E-06	2.64E-06
72	2.59E-05	6.58E-05	-1.34E-06	-7.40E-06	2.49E-06
73	2.59E-05	6.84E-05	-1.37E-06	-7.70E-06	2.48E-06
74	2.59E-05	6.58E-05	-1.34E-06	-7.40E-06	2.47E-06
75	2.59E-05	5.74E-05	-6.35E-07	-6.43E-06	2.62E-06
76	2.45E-05	5.73E-05	-9.72E-07	-6.47E-06	2.42E-06
77	2.45E-05	6.57E-05	-2.22E-06	-7.34E-06	2.12E-06
78	2.45E-05	6.84E-05	-2.26E-06	-7.64E-06	2.11E-06
79	2.45E-05	6.57E-05	-2.21E-06	-7.34E-06	2.10E-06
80	2.45E-05	5.73E-05	-1.35E-06	-6.47E-06	2.19E-06
81	3.39E-05	8.34E-05	4.66E-07	-6.74E-06	2.27E-06
82	3.38E-05	9.57E-05	-6.50E-07	-7.84E-06	2.08E-06
83	3.38E-05	9.95E-05	-6.31E-07	-8.16E-06	2.07E-06
84	3.38E-05	9.57E-05	-6.40E-07	-7.84E-06	2.07E-06
85	3.38E-05	8.34E-05	-1.51E-09	-6.74E-06	2.25E-06
86	3.64E-05	8.33E-05	-9.37E-07	-6.55E-06	2.86E-06
87	3.64E-05	9.56E-05	-3.14E-06	-7.51E-06	2.47E-06
88	3.63E-05	9.94E-05	-3.15E-06	-7.82E-06	2.46E-06
89	3.63E-05	9.56E-05	-3.13E-06	-7.51E-06	2.45E-06
90	3.63E-05	8.33E-05	-1.33E-06	-6.55E-06	2.35E-06
91	3.64E-05	8.33E-05	-3.99E-07	-6.59E-06	2.62E-06
92	3.64E-05	9.56E-05	-1.70E-06	-7.60E-06	2.47E-06
93	3.63E-05	9.94E-05	-1.73E-06	-7.91E-06	2.46E-06
94	3.63E-05	9.56E-05	-1.69E-06	-7.60E-06	2.45E-06
95	3.63E-05	8.33E-05	-7.99E-07	-6.59E-06	2.60E-06
96	3.39E-05	8.33E-05	-1.23E-06	-6.63E-06	2.38E-06
97	3.38E-05	9.56E-05	-2.80E-06	-7.54E-06	2.08E-06
98	3.38E-05	9.94E-05	-2.86E-06	-7.85E-06	2.07E-06
99	3.38E-05	9.56E-05	-2.79E-06	-7.54E-06	2.06E-06
100	3.38E-05	8.33E-05	-1.70E-06	-6.63E-06	2.14E-06
101	4.29E-05	1.09E-04	5.29E-07	-6.67E-06	2.15E-06
102	4.29E-05	1.26E-04	-7.99E-07	-7.80E-06	2.00E-06
103	4.29E-05	1.31E-04	-7.78E-07	-8.11E-06	1.99E-06
104	4.29E-05	1.26E-04	-7.88E-07	-7.80E-06	1.98E-06
105	4.30E-05	1.09E-04	-1.62E-08	-6.66E-06	2.22E-06
106	4.66E-05	1.09E-04	-1.13E-06	-6.44E-06	2.82E-06
107	4.66E-05	1.26E-04	-3.75E-06	-7.41E-06	2.39E-06
108	4.66E-05	1.31E-04	-3.76E-06	-7.72E-06	2.38E-06
109	4.65E-05	1.26E-04	-3.74E-06	-7.41E-06	2.36E-06
110	4.65E-05	1.09E-04	-1.60E-06	-6.44E-06	2.25E-06
111	4.66E-05	1.09E-04	-4.78E-07	-6.49E-06	2.55E-06
112	4.66E-05	1.26E-04	-2.02E-06	-7.52E-06	2.39E-06
113	4.66E-05	1.31E-04	-2.06E-06	-7.82E-06	2.38E-06
114	4.65E-05	1.26E-04	-2.02E-06	-7.52E-06	2.36E-06
115	4.65E-05	1.09E-04	-9.46E-07	-6.49E-06	2.52E-06
116	4.30E-05	1.09E-04	-1.46E-06	-6.55E-06	2.32E-06

STRUKTUR BAJA "SISTEM KERANGKA PENAHAN MOMEN

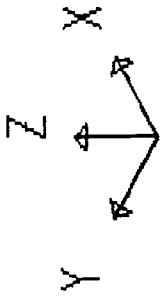
JOINT DISPLACEMENTS "U" AND ROTATIONS "R"
LOAD COMBINATION 1 (Gempa Arah Y)

JOINT	U(X)	U(Y)	U(Z)	R(X)	R(Y)
233	9.83E-05	2.94E-04	-3.68E-06	-6.23E-06	1.81E-06
234	9.83E-05	2.82E-04	-3.60E-06	-5.98E-06	1.79E-06
235	9.83E-05	2.39E-04	-1.61E-06	-4.60E-06	1.91E-06
236	8.68E-05	2.39E-04	-2.50E-06	-4.59E-06	1.67E-06
237	8.68E-05	2.82E-04	-5.70E-06	-5.80E-06	1.40E-06
238	8.67E-05	2.94E-04	-5.82E-06	-6.06E-06	1.38E-06
239	8.67E-05	2.82E-04	-5.69E-06	-5.80E-06	1.36E-06
240	8.67E-05	2.39E-04	-3.31E-06	-4.59E-06	1.31E-06
241	9.26E-05	2.57E-04	5.51E-07	-4.21E-06	1.23E-06
242	9.25E-05	3.05E-04	-1.87E-06	-5.57E-06	1.20E-06
243	9.24E-05	3.18E-04	-1.85E-06	-5.80E-06	1.17E-06
244	9.23E-05	3.05E-04	-1.86E-06	-5.57E-06	1.14E-06
245	9.23E-05	2.57E-04	-2.77E-07	-4.20E-06	1.31E-06
246	1.06E-04	2.57E-04	-2.47E-06	-3.97E-06	2.16E-06
247	1.06E-04	3.05E-04	-7.47E-06	-5.09E-06	1.57E-06
248	1.06E-04	3.17E-04	-7.50E-06	-5.31E-06	1.53E-06
249	1.06E-04	3.05E-04	-7.46E-06	-5.09E-06	1.50E-06
250	1.06E-04	2.57E-04	-3.21E-06	-3.97E-06	1.15E-06
251	1.06E-04	2.57E-04	-9.37E-07	-4.04E-06	1.68E-06
252	1.06E-04	3.05E-04	-3.80E-06	-5.27E-06	1.56E-06
253	1.06E-04	3.17E-04	-3.87E-06	-5.49E-06	1.53E-06
254	1.06E-04	3.05E-04	-3.79E-06	-5.27E-06	1.51E-06
255	1.06E-04	2.57E-04	-1.69E-06	-4.04E-06	1.63E-06
256	9.25E-05	2.57E-04	-2.61E-06	-4.05E-06	1.45E-06
257	9.24E-05	3.04E-04	-5.94E-06	-5.12E-06	1.20E-06
258	9.24E-05	3.17E-04	-6.06E-06	-5.35E-06	1.17E-06
259	9.23E-05	3.04E-04	-5.93E-06	-5.12E-06	1.14E-06
260	9.23E-05	2.57E-04	-3.43E-06	-4.05E-06	1.09E-06
261	9.70E-05	2.71E-04	5.14E-07	-3.36E-06	9.68E-07
262	9.69E-05	3.24E-04	-1.99E-06	-4.45E-06	8.61E-07
263	9.69E-05	3.37E-04	-1.97E-06	-4.64E-06	8.68E-07
264	9.68E-05	3.24E-04	-1.98E-06	-4.45E-06	8.81E-07
265	9.68E-05	2.71E-04	-3.22E-07	-3.36E-06	9.21E-07
266	1.12E-04	2.71E-04	-2.61E-06	-3.15E-06	1.72E-06
267	1.12E-04	3.23E-04	-7.81E-06	-4.00E-06	1.14E-06
268	1.11E-04	3.37E-04	-7.84E-06	-4.19E-06	1.13E-06
269	1.11E-04	3.23E-04	-7.80E-06	-4.00E-06	1.12E-06
270	1.11E-04	2.71E-04	-3.36E-06	-3.15E-06	7.18E-07
271	1.12E-04	2.71E-04	-9.87E-07	-3.24E-06	1.24E-06
272	1.12E-04	3.23E-04	-3.95E-06	-4.20E-06	1.15E-06
273	1.11E-04	3.37E-04	-4.02E-06	-4.39E-06	1.13E-06
274	1.11E-04	3.23E-04	-3.94E-06	-4.20E-06	1.10E-06
275	1.11E-04	2.71E-04	-1.75E-06	-3.24E-06	1.19E-06
276	9.70E-05	2.71E-04	-2.69E-06	-3.22E-06	1.12E-06
277	9.69E-05	3.23E-04	-6.12E-06	-4.03E-06	8.81E-07
278	9.69E-05	3.37E-04	-6.25E-06	-4.22E-06	8.69E-07
279	9.68E-05	3.23E-04	-6.11E-06	-4.03E-06	8.63E-07
280	9.68E-05	2.71E-04	-3.53E-06	-3.22E-06	7.68E-07
281	9.99E-05	2.82E-04	4.76E-07	-2.46E-06	4.40E-07
282	9.99E-05	3.38E-04	-2.09E-06	-3.23E-06	6.08E-07
283	1.00E-04	3.52E-04	-2.07E-06	-3.38E-06	5.57E-07
284	1.00E-04	3.38E-04	-2.08E-06	-3.23E-06	5.12E-07
285	1.00E-04	2.82E-04	-3.64E-07	-2.46E-06	7.54E-07
286	1.16E-04	2.82E-04	-2.71E-06	-2.35E-06	1.14E-06
287	1.15E-04	3.38E-04	-8.04E-06	-2.95E-06	7.89E-07
288	1.15E-04	3.52E-04	-8.08E-06	-3.09E-06	7.09E-07
289	1.15E-04	3.38E-04	-8.03E-06	-2.95E-06	6.33E-07
290	1.16E-04	2.82E-04	-3.47E-06	-2.35E-06	3.60E-07

STRUKTUR BAJA "SISTEM KERANGKA PENAHAN MOMEN

JOINT DISPLACEMENTS "U" AND ROTATIONS "R"
LOAD COMBINATION 1 (Gempa Arah Y)

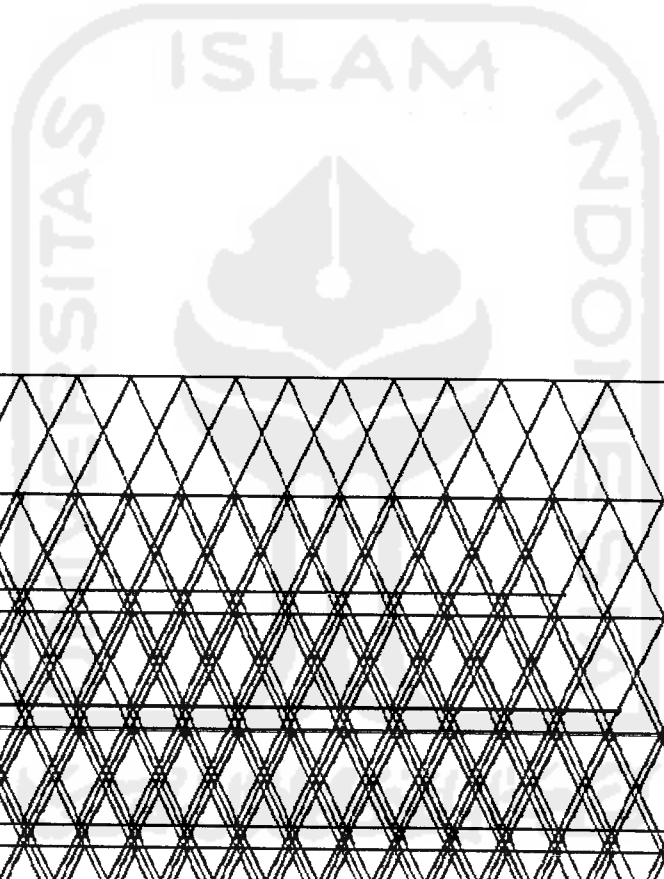
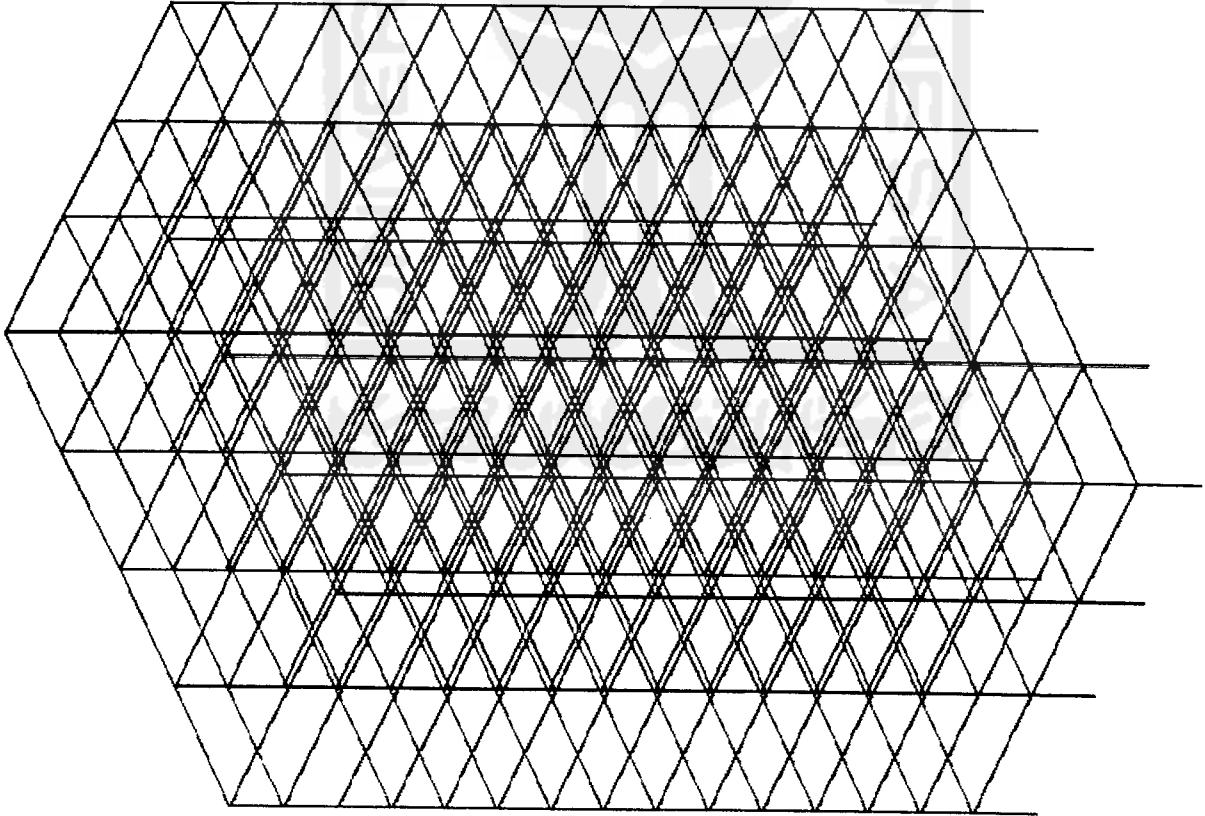
JOINT	U(X)	U(Y)	U(Z)	R(X)	R(Y)
291	1.16E-04	2.82E-04	-1.03E-06	-2.38E-06	7.66E-07
292	1.16E-04	3.37E-04	-4.05E-06	-3.07E-06	7.27E-07
293	1.15E-04	3.52E-04	-4.12E-06	-3.21E-06	7.07E-07
294	1.15E-04	3.37E-04	-4.04E-06	-3.07E-06	6.90E-07
295	1.15E-04	2.82E-04	-1.79E-06	-2.38E-06	7.34E-07
296	1.00E-04	2.82E-04	-2.76E-06	-2.39E-06	6.61E-07
297	1.00E-04	3.37E-04	-6.26E-06	-2.90E-06	6.11E-07
298	1.00E-04	3.51E-04	-6.38E-06	-3.04E-06	5.58E-07
299	1.00E-04	3.37E-04	-6.24E-06	-2.90E-06	5.10E-07
300	1.00E-04	2.82E-04	-3.59E-06	-2.39E-06	5.35E-07
301	1.02E-04	2.91E-04	4.40E-07	-2.31E-06	1.35E-06
302	1.02E-04	3.48E-04	-2.17E-06	-3.19E-06	3.45E-07
303	1.02E-04	3.63E-04	-2.15E-06	-3.30E-06	3.06E-07
304	1.02E-04	3.48E-04	-2.16E-06	-3.19E-06	2.81E-07
305	1.02E-04	2.91E-04	-4.02E-07	-2.30E-06	-6.11E-07
306	1.19E-04	2.90E-04	-2.78E-06	-1.61E-06	1.96E-06
307	1.18E-04	3.48E-04	-8.18E-06	-1.92E-06	5.01E-07
308	1.18E-04	3.62E-04	-8.22E-06	-2.03E-06	3.89E-07
309	1.17E-04	3.48E-04	-8.17E-06	-1.92E-06	2.84E-07
310	1.17E-04	2.90E-04	-3.54E-06	-1.61E-06	-1.05E-06
311	1.18E-04	2.90E-04	-1.06E-06	-1.87E-06	5.11E-07
312	1.18E-04	3.47E-04	-4.11E-06	-2.30E-06	4.44E-07
313	1.18E-04	3.62E-04	-4.18E-06	-2.41E-06	3.87E-07
314	1.18E-04	3.47E-04	-4.10E-06	-2.30E-06	3.37E-07
315	1.18E-04	2.90E-04	-1.83E-06	-1.87E-06	3.94E-07
316	1.02E-04	2.90E-04	-2.80E-06	-1.45E-06	1.28E-06
317	1.02E-04	3.47E-04	-6.34E-06	-1.68E-06	3.75E-07
318	1.02E-04	3.62E-04	-6.46E-06	-1.80E-06	3.07E-07
319	1.02E-04	3.47E-04	-6.33E-06	-1.68E-06	2.51E-07
320	1.02E-04	2.90E-04	-3.64E-06	-1.45E-06	-5.41E-07



HR-1
UNDEFORMED
SHAPE

OPTIONS
WIRE FRAME

SAP90



C DESAIN STRUKTUR BAJA "SISTEM BRACING EKSENTRIS ONE BRACE"
 C PADA STRUKTUR BANGUNAN TAHAN GEMPA
 C PORTAL 3D SATUAN : TON-METER
 SYSTEM
 L=11

RESTRAINTS

1 20 1 R=1,1,1,1,1,1 : JEPIT
 21 320 1 R=0,0,0,0,0,1 : SUMBU GLOBAL
 321 440 1 R=0,0,0,0,0,1

JOINTS

1 X=0 Y=0 Z=0
 5 X=32 G=1,5,1
 6 X=0 Y=8
 10 X=32 G=6,10,1
 11 X=0 Y=14.5
 15 X=32 G=11,15,1
 16 X=0 Y=22.5
 20 X=32 G=16,20,1
 21 X=0 Y=0 Z=4.5
 301 Z=57 G=21,301,20
 22 X=8 Z=4.5
 302 Z=57 G=22,302,20
 23 X=16 Z=4.5
 303 Z=57 G=23,303,20
 24 X=24 Z=4.5
 304 Z=57 G=24,304,20
 25 X=32 Z=4.5
 305 Z=57 G=25,305,20
 26 X=0 Y=8 Z=4.5
 306 Z=57 G=26,306,20
 27 X=8 Z=4.5
 307 Z=57 G=27,307,20
 28 X=16 Z=4.5
 308 Z=57 G=28,308,20
 29 X=24 Z=4.5
 309 Z=57 G=29,309,20
 30 X=32 Z=4.5
 310 Z=57 G=30,310,20
 31 X=0 Y=14.5 Z=4.5
 311 Z=57 G=31,311,20
 32 X=8 Z=4.5
 312 Z=57 G=32,312,20
 33 X=16 Z=4.5
 313 Z=57 G=33,313,20
 34 X=24 Z=4.5
 314 Z=57 G=34,314,20
 35 X=32 Z=4.5
 315 Z=57 G=35,315,20
 36 X=0 Y=22.5 Z=4.5
 316 Z=57 G=36,316,20
 37 X=8 Z=4.5
 317 Z=57 G=37,317,20
 38 X=16 Z=4.5
 318 Z=57 G=38,318,20
 39 X=24 Z=4.5
 319 Z=57 G=39,319,20
 40 X=32 Z=4.5
 320 Z=57 G=40,320,20
 321 X=15 Y=0 Z=4.5
 433 Z=57 G=321,433,8
 322 X=17 Z=4.5
 434 Z=57 G=322,434,8
 323 X=8 Y=7 Z=4.5
 435 Z=57 G=323,435,8
 324 X=24 Z=4.5
 436 Z=57 G=324,436,8
 325 X=8 Y=15.5 Z=4.5
 437 Z=57 G=325,437,8

326 X=24 Z=4.5
 438 Z=57 G=326,438,8
 327 X=15 Y=22.5 Z=4.5
 439 Z=57 G=327,439,8
 328 X=17 Z=4.5
 440 Z=57 G=328,440,8

FRAME

NM=15 NL=29 Z=-1,0 NSEC=11

C -----DATA PENAMPANG-----

1 SH=I T=0.3503,0.2039,0.0151,0.00860,0.2039,0.0151 E=2.1E10 W=0.0066 :B.8M L1-5 (W14X48)
 2 SH=I T=0.3503,0.2039,0.0151,0.00860,0.2039,0.0151 E=2.1E10 W=0.0066 :B.6,5M L1-5 (W14X48)
 3 SH=I T=0.3503,0.2039,0.0151,0.00860,0.2039,0.0151 E=2.1E10 W=0.0066 :B.8M L6-10 (W14X48)
 4 SH=I T=0.3503,0.2039,0.0151,0.00860,0.2039,0.0151 E=2.1E10 W=0.0066 :B.6,5M L6-10 (W14X48)
 5 SH=I T=0.3515,0.1709,0.0978,0.00685,0.1709,0.0978 E=2.1E10 W=0.0041 :B.8M L11-15(W14X30)
 6 SH=I T=0.3533,0.1276,0.0107,0.00648,0.1276,0.0107 E=2.1E10 W=0.0036 :B.6.5M L11-15(W14X26)
 7 SH=I T=0.4552,0.4185,0.0675,0.04204,0.4185,0.0675 E=2.1E10 W=0.0512 :K.TP L1-5 (W14X370)
 8 SH=I T=0.4742,0.4241,0.0771,0.04763,0.4241,0.0771 E=2.1E10 W=0.0589 :K.TG L1-5 (W14X426)
 9 SH=I T=0.3992,0.4013,0.0396,0.02489,0.4013,0.0396 E=2.1E10 W=0.0291 :K.TP L6-10 (W14X211)
 10 SH=I T=0.4252,0.4092,0.0525,0.03276,0.4092,0.0525 E=2.1E10 W=0.0391 :K.TG L6-10 (W14X283)
 11 SH=I T=0.3678,0.3726,0.0262,0.01499,0.3726,0.0262 E=2.1E10 W=0.0165 :K.TP L11-15(W14X120)
 12 SH=I T=0.3805,0.3954,0.0302,0.01915,0.3954,0.0302 E=2.1E10 W=0.0219 :K.TG L11-15(W14X159)
 13 SH=I T=0.2103,0.1338,0.0101,0.00635,0.1338,0.0101 E=2.1E10 W=0.0029 :BRC L1-5 (W8X21)
 14 SH=I T=0.2067,0.1333,0.0084,0.00584,0.1333,0.0084 E=2.1E10 W=0.0025 :BRC L6-10 (W8X18)
 15 SH=I T=0.2059,0.1019,0.0080,0.00622,0.1019,0.0080 E=2.1E10 W=0.0021 :BRC L11-15(W8X15)

C -----BEBAN ELEMEN-----

1 TRAP=0,0,0,4,-0.600,0,7.99,0,0 :B.HD.P.MELINTANG/MEMBUJUR TEPI BALOK ATAP
 2 TRAP=0,0,0,4,-1.512,0,7.99,0,0 :B.MT.P.MELINTANG/MEMBUJUR TEPI BALOK ATAP
 3 TRAP=0,0,0,4,-1.000,0,7.99,0,0 :B.HD.P.MELINTANG/MEMBUJUR TEPI BALOK LANTAI
 4 TRAP=0,0,0,4,-2.064,0,7.99,0,0 :B.MT.P.MELINTANG/MEMBUJUR TEPI BALOK LANTAI
 5 TRAP=0,0,0,3.25,-0.4875,0,6.49,0,0 :B.HD.P.MELINTANG TENGAH BALOK ATAP
 6 TRAP=0,0,0,3.25,-1.2285,0,6.49,0,0 :B.MT.P.MELINTANG TENGAH BALOK ATAP
 7 TRAP=0,0,0,3.25,-0.8125,0,6.49,0,0 :B.HD.P.MELINTANG TENGAH BALOK LANTAI
 8 TRAP=0,0,0,3.25,-1.6770,0,6.49,0,0 :B.MT.P.MELINTANG TENGAH BALOK LANTAI
 9 TRAP=0,0,0,3.25,-0.4875,0,4.75,-0.4875,0,7.99,0,0 :B.HD.P.MEMBUJUR TGH BALOK ATAP
 10 TRAP=0,0,0,3.25,-1.2285,0,4.75,-1.2285,0,7.99,0,0 :B.MT.P.MEMBUJUR TGH BALOK ATAP
 11 TRAP=0,0,0,3.25,-0.8125,0,4.75,-0.8125,0,7.99,0,0 :B.HD.P.MEMBUJUR TGH BALOK LANTAI
 12 TRAP=0,0,0,3.25,-1.6770,0,4.75,-1.6770,0,7.99,0,0 :B.MT.P.MEMBUJUR TGH BALOK LANTAI
 13 WL=0,0.9375,0 :B.MT.DINDING
 14 TRAP=0,0,0,4,-0.600,0,6.99,-0.150,0 :B.HD.P.8M BALOK ATAP KIRI
 15 TRAP=0,0,0,4,-1.512,0,6.99,-0.375,0 :B.MT.P.8M BALOK ATAP KIRI
 16 TRAP=0,0,0,4,-1.000,0,6.99,-0.250,0 :B.HD.P.8M BALOK LANTAI KIRI
 17 TRAP=0,0,0,4,-2.064,0,6.99,-0.516,0 :B.MT.P.8M BALOK LANTAI KIRI
 18 TRAP=0,-0.150,0,0.99,0,0 :B.HD.P.8M BALOK ATAP KANAN
 19 TRAP=0,-0.375,0,0.99,0,0 :B.MT.P.8M BALOK ATAP KANAN
 20 TRAP=0,-0.250,0,0.99,0,0 :B.HD.P.8M BALOK LANTAI KANAN
 21 TRAP=0,-0.516,0,0.99,0,0 :B.MT.P.8M BALOK LANTAI KANAN
 22 TRAP=0,0,0,0.99,-0.150,0 :B.HD.P.8M BALOK ATAP KIRI
 23 TRAP=0,0,0,0.99,-0.375,0 :B.MT.P.8M BALOK ATAP KIRI
 24 TRAP=0,0,0,0.99,-0.250,0 :B.HD.P.8M BALOK LANTAI KIRI
 25 TRAP=0,0,0,0.99,-0.516,0 :B.MT.P.8M BALOK LANTAI KIRI
 26 TRAP=0,-0.150,0,3,-0.600,0,6.99,0,0 :B.HD.P.8M BALOK ATAP KANAN
 27 TRAP=0,-0.375,0,3,-1.512,0,6.99,0,0 :B.MT.P.8M BALOK ATAP KANAN
 28 TRAP=0,-0.250,0,3,-1.000,0,6.99,0,0 :B.HD.P.8M BALOK LANTAI KANAN
 29 TRAP=0,-0.516,0,3,-2.064,0,6.99,0,0 :B.MT.P.8M BALOK LANTAI KANAN

C -----LOKASI ELEMEN-----

C KOLOM LANTAI 1-5

1 1 21 M=7,7,1 LP=3,0 G=4,1,1,1 :L1
 6 6 26 M=8,8,1 G=4,1,1,1
 11 11 31 G=4,1,1,1
 16 16 36 M=7,7,1 G=4,1,1,1
 21 21 41 G=4,1,1,1 :L2
 26 26 46 M=8,8,1 G=4,1,1,1
 31 31 51 G=4,1,1,1
 36 36 56 M=7,7,1 G=4,1,1,1
 41 41 61 G=4,1,1,1 :L3
 46 46 66 M=8,8,1 G=4,1,1,1
 51 51 71 G=4,1,1,1
 56 56 76 M=7,7,1 G=4,1,1,1
 61 61 81 G=4,1,1,1 :L4

66	66	86	M=8,8,1		G=4,1,1,1	
71	71	91			G=4,1,1,1	
76	76	96	M=7,7,1		G=4,1,1,1	
81	81	101			G=4,1,1,1	:L5
86	86	106	M=8,8,1		G=4,1,1,1	
91	91	111			G=4,1,1,1	
96	96	116	M=7,7,1		G=4,1,1,1	
C -----KOLOM LANTAI 6-10-----						
101	101	121	M=9,9,1	LP=3,0	G=4,1,1,1	:L6
106	106	126	M=10,10,1		G=4,1,1,1	
111	111	131			G=4,1,1,1	
116	116	136	M=9,9,1		G=4,1,1,1	
121	121	141			G=4,1,1,1	:L7
126	126	146	M=10,10,1		G=4,1,1,1	
131	131	151			G=4,1,1,1	
136	136	156	M=9,9,1		G=4,1,1,1	
141	141	161			G=4,1,1,1	:L8
146	146	166	M=10,10,1		G=4,1,1,1	
151	151	171			G=4,1,1,1	
156	156	176	M=9,9,1		G=4,1,1,1	
161	161	181			G=4,1,1,1	:L9
166	166	186	M=10,10,1		G=4,1,1,1	
171	171	191			G=4,1,1,1	
176	176	196	M=9,9,1		G=4,1,1,1	
181	181	201			G=4,1,1,1	:L10
186	186	206	M=10,10,1		G=4,1,1,1	
191	191	211			G=4,1,1,1	
196	196	216	M=9,9,1		G=4,1,1,1	
C -----KOLOM LANTAI 11-15-----						
201	201	221	M=11,11,1	LP=3,0	G=4,1,1,1	:L11
206	206	226	M=12,12,1		G=4,1,1,1	
211	211	231			G=4,1,1,1	
216	216	236	M=11,11,1		G=4,1,1,1	
221	221	241			G=4,1,1,1	:L12
226	226	246	M=12,12,1		G=4,1,1,1	
231	231	251			G=4,1,1,1	
236	236	256	M=11,11,1		G=4,1,1,1	
241	241	261			G=4,1,1,1	:L13
246	246	266	M=12,12,1		G=4,1,1,1	
251	251	271			G=4,1,1,1	
256	256	276	M=11,11,1		G=4,1,1,1	
261	261	281			G=4,1,1,1	:L14
266	266	286	M=12,12,1		G=4,1,1,1	
271	271	291			G=4,1,1,1	
276	276	296	M=11,11,1		G=4,1,1,1	
281	281	301			G=4,1,1,1	:L15
286	286	306	M=12,12,1		G=4,1,1,1	
291	291	311			G=4,1,1,1	
296	296	316	M=11,11,1		G=4,1,1,1	
C -----BALOK PORTAL MEMBUJUR LANTAI 1-5-----						
526	21	22	M=1,1,1	LP=-2,0	NSL=3,4,0,0,13,0	G=1,3,3,3 :L1
530	26	27			NSL=3,4,11,12,13,0	G=3,1,1,1
534	31	32				G=3,1,1,1
538	36	37			NSL=3,4,0,0,13,0	G=1,3,3,3
542	41	42				G=1,3,3,3 :L2
546	46	47			NSL=3,4,11,12,13,0	G=3,1,1,1
550	51	52				G=3,1,1,1
554	56	57			NSL=3,4,0,0,13,0	G=1,3,3,3
558	61	62				G=1,3,3,3 :L3
562	66	67			NSL=3,4,11,12,13,0	G=3,1,1,1
566	71	72				G=3,1,1,1
570	76	77			NSL=3,4,0,0,13,0	G=1,3,3,3
574	81	82				G=1,3,3,3 :L4
578	86	87			NSL=3,4,11,12,13,0	G=3,1,1,1
582	91	92				G=3,1,1,1
586	96	97			NSL=3,4,0,0,13,0	G=1,3,3,3
590	101	102				G=1,3,3,3 :L5
594	106	107			NSL=3,4,11,12,13,0	G=3,1,1,1
598	111	112				G=3,1,1,1
602	116	117			NSL=3,4,0,0,13,0	G=1,3,3,3

1001	22	321	LP=-2,0	NSL=16,17,0,0,13,0	G=4,16,20,8	
1002	321	23		NSL=20,21,0,0,13,0	G=4,16,8,20	
1003	23	322		NSL=24,25,0,0,13,0	G=4,16,20,8	
1004	322	24		NSL=28,29,0,0,13,0	G=4,16,8,20	
1013	37	327		NSL=16,17,0,0,13,0	G=4,16,20,8	
1014	327	38		NSL=20,21,0,0,13,0	G=4,16,8,20	
1015	38	328		NSL=24,25,0,0,13,0	G=4,16,20,8	
1016	328	39		NSL=28,29,0,0,13,0	G=4,16,8,20	
C ----BALOK PORTAL MEMBUJUR LANTAI 6-10----						
606	121	122	M=3,3,1 LP=-2,0	NSL=3,4,0,0,13,0	G=1,3,3,3	:L6
610	126	127		NSL=3,4,11,12,13,0	G=3,1,1,1	
614	131	132			G=3,1,1,1	
618	136	137		NSL=3,4,0,0,13,0	G=1,3,3,3	
622	141	142			G=1,3,3,3	:L7
626	146	147		NSL=3,4,11,12,13,0	G=3,1,1,1	
630	151	152			G=3,1,1,1	
634	156	157		NSL=3,4,0,0,13,0	G=1,3,3,3	
638	161	162			G=1,3,3,3	:L8
642	166	167		NSL=3,4,11,12,13,0	G=3,1,1,1	
646	171	172			G=3,1,1,1	
650	176	177		NSL=3,4,0,0,13,0	G=1,3,3,3	
654	181	182			G=1,3,3,3	:L9
658	186	187		NSL=3,4,11,12,13,0	G=3,1,1,1	
662	191	192			G=3,1,1,1	
666	196	197	M=3,3,1	NSL=3,4,0,0,13,0	G=1,3,3,3	
670	201	202			G=1,3,3,3	:L10
674	206	207		NSL=3,4,11,12,13,0	G=3,1,1,1	
678	211	212			G=3,1,1,1	
682	216	217		NSL=3,4,0,0,13,0	G=1,3,3,3	
1081	122	361	M=2,2,1 LP=-2,0	NSL=16,17,0,0,13,0	G=4,16,20,8	
1082	361	123		NSL=20,21,0,0,13,0	G=4,16,8,20	
1083	123	362		NSL=24,25,0,0,13,0	G=4,16,20,8	
1084	362	124		NSL=28,29,0,0,13,0	G=4,16,8,20	
1093	137	367		NSL=16,17,0,0,13,0	G=4,16,20,8	
1094	367	138		NSL=20,21,0,0,13,0	G=4,16,8,20	
1095	138	368		NSL=24,25,0,0,13,0	G=4,16,20,8	
1096	368	139		NSL=28,29,0,0,13,0	G=4,16,8,20	
C ----BALOK PORTAL MEMBUJUR LANTAI 11-15----						
686	221	222	M=5,5,1 LP=-2,0	NSL=3,4,0,0,13,0	G=1,3,3,3	:L11
690	226	227		NSL=3,4,11,12,13,0	G=3,1,1,1	
694	231	232			G=3,1,1,1	
698	236	237		NSL=3,4,0,0,13,0	G=1,3,3,3	
702	241	242			G=1,3,3,3	:L12
706	246	247		NSL=3,4,11,12,13,0	G=3,1,1,1	
710	251	252			G=3,1,1,1	
714	256	257		NSL=3,4,0,0,13,0	G=1,3,3,3	
718	261	262			G=1,3,3,3	:L13
722	266	267		NSL=3,4,11,12,13,0	G=3,1,1,1	
726	271	272			G=3,1,1,1	
730	276	277		NSL=3,4,0,0,13,0	G=1,3,3,3	
734	281	282			G=1,3,3,3	:L14
738	286	287		NSL=3,4,11,12,13,0	G=3,1,1,1	
742	291	292			G=3,1,1,1	
746	296	297		NSL=1,2,0,0,0,0	G=1,3,3,3	
750	301	302			G=1,3,3,3	:L15
754	306	307		NSL=1,2,9,10,0,0	G=3,1,1,1	
758	311	312			G=3,1,1,1	
762	316	317		NSL=1,1,0,0,0,0	G=1,3,3,3	
1161	222	401	M=1,1,1 LP=-2,0	NSL=16,17,0,0,13,0	G=3,16,20,8	
1162	401	223		NSL=20,21,0,0,13,0	G=3,16,8,20	
1163	223	402		NSL=24,25,0,0,13,0	G=3,16,20,8	
1164	402	224		NSL=28,29,0,0,13,0	G=3,16,8,20	
1173	237	407		NSL=16,17,0,0,13,0	G=3,16,20,8	
1174	407	238		NSL=20,21,0,0,13,0	G=3,16,8,20	
1175	238	408		NSL=24,25,0,0,13,0	G=3,16,20,8	
1176	408	239		NSL=28,29,0,0,13,0	G=3,16,8,20	
1225	302	433	M=1,1,1 LP=-2,0	NSL=14,15,0,0,0,0		
1226	433	303		NSL=18,19,0,0,0,0		
1227	303	434		NSL=22,23,0,0,0,0		
1228	434	304		NSL=26,27,0,0,0,0		

1237 317 439		NSL=14,15,0,0,0,0	
1238 439 318		NSL=18,19,0,0,0,0	
1239 318 440		NSL=22,23,0,0,0,0	
1240 440 319		NSL=26,27,0,0,0,0	
C -----BALOK PORTAL MELINTANG 8M LANTAI 1-5-----			
301 21 26	M=1,1,1 LP=3,0	NSL=3,4,0,0,13,0	G=1,4,4,4 :L1
303 23 28		NSL=3,3,4,4,13,0	
311 31 36	M=1,1,1	NSL=3,4,0,0,13,0	G=1,4,4,4
313 33 38		NSL=3,3,4,4,13,0	
316 41 46	M=1,1,1	NSL=3,4,0,0,13,0	G=1,4,4,4 :L2
318 43 48		NSL=3,3,4,4,13,0	
326 51 56	M=1,1,1	NSL=3,4,0,0,13,0	G=1,4,4,4
328 53 58		NSL=3,3,4,4,13,0	
331 61 66	M=1,1,1	NSL=3,4,0,0,13,0	G=1,4,4,4 :L3
333 63 68		NSL=3,3,4,4,13,0	
341 71 76	M=1,1,1	NSL=3,4,0,0,13,0	G=1,4,4,4
343 73 78		NSL=3,3,4,4,13,0	
346 81 86	M=1,1,1	NSL=3,4,0,0,13,0	G=1,4,4,4 :L4
348 83 88		NSL=3,3,4,4,13,0	
356 91 96	M=1,1,1	NSL=3,4,0,0,13,0	G=1,4,4,4
358 93 98		NSL=3,3,4,4,13,0	
361 101 106	M=1,1,1	NSL=3,4,0,0,13,0	G=1,4,4,4 :L5
363 103 108		NSL=3,3,4,4,13,0	
371 111 116	M=1,1,1	NSL=3,4,0,0,13,0	G=1,4,4,4
373 113 118		NSL=3,3,4,4,13,0	
1005 22 323	M=1,1,1 LP=3,0	NSL=16,17,0,0,13,0	G=4,16,20,8
1006 323 27		NSL=20,21,0,0,13,0	G=4,16,8,20
1007 32 325		NSL=24,25,0,0,13,0	G=4,16,20,8
1008 325 37		NSL=28,29,0,0,13,0	G=4,16,8,20
1009 24 324		NSL=16,17,0,0,13,0	G=4,16,20,8
1010 324 29		NSL=20,21,0,0,13,0	G=4,16,8,20
1011 34 326		NSL=24,25,0,0,13,0	G=4,16,20,8
1012 326 39		NSL=28,29,0,0,13,0	G=4,16,8,20
C -----BALOK PORTAL MELINTANG 8M LANTAI 6-10-----			
376 121 126	M=3,3,1 LP=3,0	NSL=3,4,0,0,13,0	G=1,4,4,4 :L6
378 123 128		NSL=3,3,4,4,13,0	
386 131 136	M=3,3,1	NSL=3,4,0,0,13,0	G=1,4,4,4
388 133 138		NSL=3,3,4,4,13,0	
391 141 146	M=3,3,1	NSL=3,4,0,0,13,0	G=1,4,4,4 :L7
393 143 148		NSL=3,3,4,4,13,0	
401 151 156	M=3,3,1	NSL=3,4,0,0,13,0	G=1,4,4,4
403 153 158		NSL=3,3,4,4,13,0	
406 161 166	M=3,3,1	NSL=3,4,0,0,13,0	G=1,4,4,4 :L8
408 163 168		NSL=3,3,4,4,13,0	
416 171 176	M=3,3,1	NSL=3,4,0,0,13,0	G=1,4,4,4
418 173 178		NSL=3,3,4,4,13,0	
421 181 186	M=3,3,1	NSL=3,4,0,0,13,0	G=1,4,4,4 :L9
423 183 188		NSL=3,3,4,4,13,0	
431 191 196	M=3,3,1	NSL=3,4,0,0,13,0	G=1,4,4,4
433 193 198		NSL=3,3,4,4,13,0	
436 201 206	M=3,3,1	NSL=3,4,0,0,13,0	G=1,4,4,4 :L10
438 203 208		NSL=3,3,4,4,13,0	
446 211 216	M=3,3,1	NSL=3,4,0,0,13,0	G=1,4,4,4
448 213 218		NSL=3,3,4,4,13,0	
1085 122 363	M=1,1,1 LP=3,0	NSL=16,17,0,0,13,0	G=4,16,20,8
1086 363 127		NSL=20,21,0,0,13,0	G=4,16,8,20
1087 132 365		NSL=24,25,0,0,13,0	G=4,16,20,8
1088 365 137		NSL=28,29,0,0,13,0	G=4,16,8,20
1089 124 364		NSL=16,17,0,0,13,0	G=4,16,20,8
1090 364 129		NSL=20,21,0,0,13,0	G=4,16,8,20
1091 134 366		NSL=24,25,0,0,13,0	G=4,16,20,8
1092 366 139		NSL=28,29,0,0,13,0	G=4,16,8,20
C -----BALOK PORTAL MELINTANG 8M LANTAI 11-15-----			
451 221 226	M=5,5,1 LP=3,0	NSL=3,4,0,0,13,0	G=1,4,4,4 :L11
453 223 228		NSL=3,3,4,4,13,0	
461 231 236	M=5,5,1	NSL=3,4,0,0,13,0	G=1,4,4,4
463 233 238		NSL=3,3,4,4,13,0	
466 241 246	M=5,5,1	NSL=3,4,0,0,13,0	G=1,4,4,4 :L12
468 243 248		NSL=3,3,4,4,13,0	
476 251 256	M=5,5,1	NSL=3,4,0,0,13,0	G=1,4,4,4

478	253	258			NSL=3,3,4,4,13,0		
481	261	266	M=5,5,1		NSL=3,4,0,0,13,0	G=1,4,4,4	:L13
483	263	268			NSL=3,3,4,4,13,0		
491	271	276	M=5,5,1		NSL=3,4,0,0,13,0	G=1,4,4,4	
493	273	278			NSL=3,3,4,4,13,0		
496	281	286	M=5,5,1		NSL=3,4,0,0,13,0	G=1,4,4,4	:L14
498	283	288			NSL=3,3,4,4,13,0		
506	291	296	M=5,5,1		NSL=3,4,0,0,13,0	G=1,4,4,4	
508	293	298			NSL=3,3,4,4,13,0		
511	301	306	M=5,5,1		NSL=3,4,0,0,13,0	G=1,4,4,4	:L15
513	303	308			NSL=3,3,4,4,13,0		
521	311	316	M=5,5,1	LP=3,0	NSL=3,4,0,0,13,0	G=1,4,4,4	
523	313	318			NSL=3,3,4,4,13,0		
1165	222	403	M=1,1,1	LP=3,0	NSL=16,17,0,0,13,0	G=3,16,20,8	
1166	403	227			NSL=20,21,0,0,13,0	G=3,16,8,20	
1167	232	405			NSL=24,25,0,0,13,0	G=3,16,20,8	
1168	405	237			NSL=28,29,0,0,13,0	G=3,16,8,20	
1169	224	404			NSL=16,17,0,0,13,0	G=3,16,20,8	
1170	404	229			NSL=20,21,0,0,13,0	G=3,16,8,20	
1171	234	406			NSL=24,25,0,0,13,0	G=3,16,20,8	
1172	406	239			NSL=28,29,0,0,13,0	G=3,16,8,20	
1229	302	435	M=1,1,1	LP=3,0	NSL=14,15,0,0,0,0		
1230	435	307			NSL=18,19,0,0,0,0		
1231	312	437			NSL=22,23,0,0,0,0		
1232	437	317			NSL=26,27,0,0,0,0		
1233	304	436			NSL=14,15,0,0,0,0		
1234	436	309			NSL=18,19,0,0,0,0		
1235	314	438			NSL=22,23,0,0,0,0		
1236	438	319			NSL=26,27,0,0,0,0		
C -----BALOK PORTAL MELINTANG 6,5M LANTAI 1-5-----							
306	26	31	M=2,2,1	LP=3,0	NSL=7,8,0,0,13,0	G=1,4,4,4	
307	27	32			NSL=7,7,8,8,13,0	G=2,1,1,1	
321	46	51	M=2,2,1		NSL=7,8,0,0,13,0	G=1,4,4,4	
322	47	52			NSL=7,7,8,8,13,0	G=2,1,1,1	
336	66	71	M=2,2,1		NSL=7,8,0,0,13,0	G=1,4,4,4	
337	67	72			NSL=7,7,8,8,13,0	G=2,1,1,1	
351	86	91	M=2,2,1		NSL=7,8,0,0,13,0	G=1,4,4,4	
352	87	92			NSL=7,7,8,8,13,0	G=2,1,1,1	
366	106	111	M=2,2,1		NSL=7,8,0,0,13,0	G=1,4,4,4	
367	107	112			NSL=7,7,8,8,13,0	G=2,1,1,1	
C -----BALOK PORTAL MELINTANG 6,5M LANTAI 6-10-----							
381	126	131	M=4,4,1	LP=3,0	NSL=7,8,0,0,13,0	G=1,4,4,4	
382	127	132			NSL=7,7,8,8,13,0	G=2,1,1,1	
396	146	151	M=4,4,1		NSL=7,8,0,0,13,0	G=1,4,4,4	
397	147	152			NSL=7,7,8,8,13,0	G=2,1,1,1	
411	166	171	M=4,4,1		NSL=7,8,0,0,13,0	G=1,4,4,4	
412	167	172			NSL=7,7,8,8,13,0	G=2,1,1,1	
426	186	191	M=4,4,1		NSL=7,8,0,0,13,0	G=1,4,4,4	
427	187	192			NSL=7,7,8,8,13,0	G=2,1,1,1	
441	206	211	M=4,4,1		NSL=7,8,0,0,13,0	G=1,4,4,4	
442	207	212			NSL=7,7,8,8,13,0	G=2,1,1,1	
C -----BALOK PORTAL MELINTANG 6,5M LANTAI 11-15-----							
456	226	231	M=6,6,1	LP=3,0	NSL=7,8,0,0,13,0	G=1,4,4,4	
457	227	232			NSL=7,7,8,8,13,0	G=2,1,1,1	
471	246	251	M=6,6,1		NSL=7,8,0,0,13,0	G=1,4,4,4	
472	247	252			NSL=7,7,8,8,13,0	G=2,1,1,1	
486	266	271	M=6,6,1		NSL=7,8,0,0,13,0	G=1,4,4,4	
487	267	272			NSL=7,7,8,8,13,0	G=2,1,1,1	
501	286	291	M=6,6,1		NSL=7,8,0,0,13,0	G=1,4,4,4	
502	287	292			NSL=7,7,8,8,13,0	G=2,1,1,1	
516	306	311	M=6,6,1		NSL=5,6,0,0,0,0	G=1,4,4,4	
517	307	312			NSL=5,6,5,6,0,0	G=2,1,1,1	
C -----BRACING LANTAI 1-5-----							
801	2	321	M=13,13,1	LP=-2,0	G=4,8,20,8		
802	4	322			G=4,8,20,8		
803	2	323		LP=3,0	G=4,8,20,8		
804	17	325			G=4,8,20,8		
805	4	324			G=4,8,20,8		
806	19	326			G=4,8,20,8		
807	17	327		LP=-2,0	G=4,8,20,8		

808 19 328 G=4,8,20,8
 C -----BRACING LANTAI 6-10-----
 841 102 361 M=14,14,1 LP=-2,0 G=4,8,20,8
 842 104 362 G=4,8,20,8
 843 102 363 LP=3,0 G=4,8,20,8
 844 117 365 G=4,8,20,8
 845 104 364 G=4,8,20,8
 846 119 366 G=4,8,20,8
 847 117 367 LP=-2,0 G=4,8,20,8
 848 119 368 G=4,8,20,8
 C -----BRACING LANTAI 11-14-----
 881 202 401 M=15,15,1 LP=-2,0 G=3,8,20,8
 882 204 402 G=3,8,20,8
 883 202 403 LP=3,0 G=3,8,20,8
 884 217 405 G=3,8,20,8
 885 204 404 G=3,8,20,8
 886 219 406 G=3,8,20,8
 887 217 407 LP=-2,0 G=3,8,20,8
 888 219 408 G=3,8,20,8
 C -----BRACING LANTAI 15-----
 913 282 433 M=15,15,1 LP=-2,0
 914 284 434
 915 282 435 LP=3,0
 916 297 437
 917 284 436
 918 299 438
 919 297 439 LP=-2,0
 920 299 440

LOADS

21 36 15 L=10 F=1.0331,0,0,0,0,0 : BEBAN GEMPA ARAH X
 26 31 5 L=10 F=2.0662,0,0,0,0,0
 41 56 15 L=10 F=1.8940,0,0,0,0,0
 46 51 5 L=10 F=3.7880,0,0,0,0,0
 61 76 15 L=10 F=2.7549,0,0,0,0,0
 66 71 5 L=10 F=5.5098,0,0,0,0,0
 81 96 15 L=10 F=3.6158,0,0,0,0,0
 86 91 5 L=10 F=7.2316,0,0,0,0,0
 101 116 15 L=10 F=4.4767,0,0,0,0,0
 106 111 5 L=10 F=8.9534,0,0,0,0,0
 121 136 15 L=10 F=5.3349,0,0,0,0,0
 126 131 5 L=10 F=10.669,0,0,0,0,0
 141 156 15 L=10 F=6.1954,0,0,0,0,0
 146 151 5 L=10 F=12.391,0,0,0,0,0
 161 176 15 L=10 F=7.0559,0,0,0,0,0
 166 171 5 L=10 F=14.112,0,0,0,0,0
 181 196 15 L=10 F=7.9164,0,0,0,0,0
 186 191 5 L=10 F=15.833,0,0,0,0,0
 201 216 15 L=10 F=8.7768,0,0,0,0,0
 206 211 5 L=10 F=17.554,0,0,0,0,0
 221 236 15 L=10 F=9.6293,0,0,0,0,0
 226 231 5 L=10 F=19.259,0,0,0,0,0
 241 256 15 L=10 F=10.489,0,0,0,0,0
 246 251 5 L=10 F=21.978,0,0,0,0,0
 261 276 15 L=10 F=11.349,0,0,0,0,0
 266 271 5 L=10 F=22.698,0,0,0,0,0
 281 296 15 L=10 F=12.209,0,0,0,0,0
 286 291 5 L=10 F=24.417,0,0,0,0,0
 301 316 15 L=10 F=7.8094,0,0,0,0,0
 306 311 5 L=10 F=15.619,0,0,0,0,0
 21 25 4 L=11 F=0,0.7748,0,0,0,0 : BEBAN GEMPA ARAH Y
 22 24 1 L=11 F=0,1.5496,0,0,0,0
 41 45 4 L=11 F=0,1.4205,0,0,0,0
 42 44 1 L=11 F=0,2.8410,0,0,0,0
 61 65 4 L=11 F=0,2.0662,0,0,0,0
 62 64 1 L=11 F=0,4.1323,0,0,0,0
 81 85 4 L=11 F=0,2.7118,0,0,0,0
 82 84 1 L=11 F=0,5.4237,0,0,0,0
 101 105 4 L=11 F=0,3.3575,0,0,0,0
 102 104 1 L=11 F=0,6.7150,0,0,0,0

121 125 4 L=11 F=0,4.0012,0,0,0,0
 122 124 1 L=11 F=0,8.0024,0,0,0,0
 141 145 4 L=11 F=0,4.6466,0,0,0,0
 142 144 1 L=11 F=0,9.2931,0,0,0,0
 161 165 4 L=11 F=0,5.2919,0,0,0,0
 162 164 1 L=11 F=0,10.584,0,0,0,0
 181 185 4 L=11 F=0,5.9373,0,0,0,0
 182 184 1 L=11 F=0,11.875,0,0,0,0
 201 205 4 L=11 F=0,6.5826,0,0,0,0
 202 204 1 L=11 F=0,13.165,0,0,0,0
 221 225 4 L=11 F=0,7.2220,0,0,0,0
 222 224 1 L=11 F=0,14.444,0,0,0,0
 241 245 4 L=11 F=0,7.8668,0,0,0,0
 242 244 1 L=11 F=0,15.734,0,0,0,0
 261 265 4 L=11 F=0,8.5117,0,0,0,0
 262 264 1 L=11 F=0,17.023,0,0,0,0
 281 285 4 L=11 F=0,9.1565,0,0,0,0
 282 284 1 L=11 F=0,18.313,0,0,0,0
 301 305 4 L=11 F=0,5.8570,0,0,0,0
 302 304 1 L=11 F=0,11.714,0,0,0,0

COMBO

1 C=0.5,1.2,0.5,1.2,0.5,1.2,0.5,1.2,1.2,1,0.3 :GEMPA ARAH X
 2 C=0.5,1.2,0.5,1.2,0.5,1.2,0.5,1.2,1.2,0.3,1 :GEMPA ARAH Y



STRUKTUR BAJA "SISTEM BRACING EKSENTRIS ONE BRACE"
DATA PORTAL 3D UNTUK SHEAR DAN MOMENT
FRAME ELEMENT FORCES (KOLOM)

ELT ID	LOAD COMB	AXIAL FORCE	DIST ENDC	1- SHEAR	2 PLANE MOMENT	1- 3 PLANE SHEAR	AXIAL MOMENT TORQ
<hr/>							
1	-7.25						
		0	1.8	-19.13	-11.14	44.26	
		4.5	1.8	-11.05	-11.14	-5.89	
2	0.66						
		0	8.36	-65.33	-2.37	11.61	
		4.5	8.36	-27.72	-2.37	0.92	
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9	-566.3						
		0	6.98	-30.37	-14.74	64.27	
		4.5	6.98	1.06	-14.74	-2.07	
2	-818.1						
		0	23.53	-99.6	-4.55	19.57	
		4.5	23.53	6.27	-4.55	-0.88	
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19	-708.7						
		0	7.73	-31.33	-14.27	49.9	
		4.5	7.73	3.45	-14.27	-14.31	
2	-749.4						
		0	23.55	-100.74	-4.36	15.18	
		4.5	23.55	5.25	-4.36	-4.44	
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29	-528.8						
		0	5.69	-13.81	-15.65	38.84	
		3.8	5.69	7.51	-15.65	-19.83	
2	-751.8						
		0	20.26	-49.19	-4.57	11.33	
		3.8	20.26	26.79	-4.57	-5.79	
<hr/>							
39	-531.3						
		0	2.24	-5.31	-3.63	5.26	
		3.8	2.24	3.1	-3.63	-8.35	
2	-669.9						
		0	3.41	-8.91	-0.96	1.2	
		3.8	3.41	3.89	-0.96	-2.41	
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49	-487.9						
		0	5.93	-12.42	-15.61	31.69	
		3.8	5.93	9.83	-15.61	-26.86	
2	-680.5						
		0	18.93	-38.9	-4.77	9.73	
		3.8	18.93	32.07	-4.77	-8.15	
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59	-556.2						
		0	2.45	-5.63	-5.4	10.38	
		3.8	2.45	3.56	-5.4	-9.85	
2	-592.2						
		0	4.1	-10.02	-1.69	3.27	
		3.8	4.1	5.36	-1.69	-3.06	
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69	-446.5						
		0	5.92	-11.67	-15.01	27.42	
		3.8	5.92	10.54	-15.01	-28.88	
2	-610						
		0	18.22	-35.46	-4.6	8.37	
		3.8	18.22	32.86	-4.6	-8.89	

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS ONE BRACE"
DATA PORTAL 3D UNTUK SHEAR DAN MOMENT
FRAME ELEMENT FORCES (KOLOM)

ELT ID	LOAD COMB	AXIAL FORCE	DIST ENDC	1- SHEAR	2 PLANE MOMENT	1- 3 PLANE SHEAR	AXIAL MOMENT TORQ
<hr/>							
1	-483.7						
		0	2.35	-5.05	-5.09	9.26	
		3.8	2.35	3.77	-5.09	-9.82	
2	-516.9						
		0	3.97	-8.43	-1.62	2.97	
		3.8	3.97	6.45	-1.62	-3.1	
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89	-404.8						
		0	6.19	-11.96	-14.38	24.69	
		3.8	6.19	11.27	-14.38	-29.23	
2	-540.9						
		0	18.27	-35.04	-4.37	7.5	
		3.8	18.27	33.47	-4.37	-8.87	
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99	-414.6						
		0	2.27	-4.7	-4.81	9.18	
		3.8	2.27	3.79	-4.81	-8.67	
2	-444.6						
		0	2.93	-7.04	-1.64	3.11	
		3.8	2.93	3.95	-1.64	-3.05	
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109	-363.1						
		0	6.25	-11.95	-13.07	22	
		3.7	6.25	11.5	-13.07	-27.02	
2	-473.3						
		0	18.12	-34.36	-4.06	8.87	
		3.7	18.12	33.58	-4.06	-8.37	
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119	-348.4						
		0	2.26	-4.51	-5.34	10.01	
		3.7	2.26	3.96	-5.34	-10.01	
2	-376						
		0	4.41	-9.33	-1.73	3.21	
		3.7	4.41	7.2	-1.73	-3.27	
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129	-322.6						
		0	6.29	-11.68	-12.05	19.88	
		3.8	6.29	11.91	-12.05	-25.32	
2	-409.7						
		0	17.67	-32.54	-3.72	6.14	
		3.8	17.67	33.71	-3.72	-7.83	
<hr/>							
149	-282.5						
		0	6.34	-11.64	-10.67	16.81	
		3.7	6.34	12.13	-10.67	-23.2	
2	-348.5						
		0	17.06	-30.84	-3.36	5.35	
		3.7	17.06	33.14	-3.36	-7.25	
<hr/>							
159	-230.3						
		0	2.11	-3.79	-4.7	8.3	
		3.7	2.11	4.11	-4.7	-9.33	
2	-252.3						
		0	3.44	-5.46	-1.65	2.93	
		3.7	3.44	7.43	-1.65	-3.24	

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS ONE BRACE"
DATA PORTAL 3D UNTUK SHEAR DAN MOMENT
FRAME ELEMENT FORCES (KOLOM)

ELT ID	LOAD COMB	AXIAL FORCE ENDI	DIST	1- 2 PLANE SHEAR	1- 2 PLANE MOMENT	1- 3 PLANE SHEAR	1- 3 PLANE MOMENT	AXIAL TORQ
169	1	-242.9	0	6.16	-11.19	-9.07	13.27	
			3.8	6.16	11.91	-9.07	-20.73	
	2	-290.7	0	16.05	-28.54	-2.94	4.36	
			3.8	16.05	31.63	-2.94	-6.65	
179	1	-178.2	0	2.01	-3.53	-4.41	7.62	
			3.8	2.01	4.01	-4.41	-8.92	
	2	-197.9	0	3.28	-4.7	-1.6	2.8	
			3.8	3.28	7.59	-1.6	-3.19	
189	1	-204.1	0	6.29	-10.85	-7.02	9.14	
			3.8	6.29	12.75	-7.02	-17.18	
	2	-236.4	0	15.58	-26.56	-2.27	3.05	
			3.8	15.58	31.86	-2.27	-5.46	
199	1	-131.2	0	1.98	-3.46	-3.89	7.04	
			3.8	1.98	3.95	-3.89	-7.57	
	2	-148.8	0	2.47	-3.91	-1.47	2.72	
			3.8	2.47	5.37	-1.47	-2.81	
209	1	-166.1	0	4.79	-8.93	-5.15	5.41	
			3.7	4.79	9.03	-5.15	-13.9	
	2	-185.6	0	12.08	-22.05	-1.79	2.03	
			3.7	12.08	23.24	-1.79	-4.69	
218	1	-83.71	0	4.54	-6.64	-12.52	22.4	
			3.7	4.54	10.39	-12.52	-24.54	
	2	-118.1	0	6.87	-6.86	-3.75	6.72	
			3.7	6.87	18.89	-3.75	-7.36	
228	1	-128.6	0	3.36	-5.67	-3.76	6.4	
			3.8	3.36	6.93	-3.76	-7.7	
	2	-139	0	6.63	-9.97	-1.13	1.92	
			3.8	6.63	14.91	-1.13	-2.31	
238	1	-66.62	0	5.03	-9.05	-10.38	19.7	
			3.8	5.03	9.8	-10.38	-19.22	
	2	-92.51	0	7.58	-12.56	-3.11	5.91	
			3.8	7.58	15.83	-3.11	-5.76	

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS ONE BRACE"
DATA PORTAL 3D UNTUK SHEAR DAN MOMENT
FRAME ELEMENT FORCES (KOLOM)

ELT ID	LOAD COMB	AXIAL FORCE ENDI	DIST	1- 2 PLANE SHEAR	1- 2 PLANE MOMENT	1- 3 PLANE SHEAR	1- 3 PLANE MOMENT	AXIAL TORQ
248	1	-85.4	0	3.17	-5.28	-2.73	4.63	
			3.8	3.17	6.61	-2.73	-5.61	
	2	-102	0	6.08	-9.35	-0.82	1.39	
			3.8	6.08	13.47	-0.82	-1.68	
258	1	-49.6	0	4.77	-8.45	-7.48	13.9	
			3.8	4.77	9.45	-7.48	-14.14	
	2	-67.8	0	6.82	-11.21	-2.24	4.17	
			3.8	6.82	14.39	-2.24	-4.24	
268	1	-62.5	0	2.36	-3.97	-1.4	2.02	
			3.8	2.36	4.87	-1.4	-3.22	
	2	-66.6	0	4.28	-5.88	-0.42	0.61	
			3.8	4.28	10.16	-0.42	-0.97	
278	1	-32.9	0	4.2	-7.56	-5.04	9.37	
			3.8	4.2	8.2	-5.04	-9.52	
	2	-44.3	0	5.45	-8.67	-1.51	2.81	
			3.8	5.45	11.78	-1.51	-2.85	
288	1	-29.9	0	3.12	-4.09	0.47	-1.14	
			3.8	3.12	7.62	0.47	0.61	
	2	-31.8	0	3.59	-3.7	0.14	-0.34	
			3.8	3.59	9.75	0.14	0.18	
298	1	-16.5	0	5.3	-7.63	-2.19	4.19	
			3.8	5.3	12.24	-2.19	-4.03	
	2	-22	0	5.44	-7.11	-0.66	1.25	
			3.8	5.44	13.3	-0.66	-1.2	

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS ONE BRACE"
DATA PORTAL 3D UNTUK SHEAR DAN MOMENT
FRAME ELEMENT FORCES (BALOK 8M)

ELT ID	LOAD COMB	AXIAL FORCE	DIST ENDS	1- 2 PLANE SHEAR	1- 2 PLANE MOMENT	1- 3 PLANE SHEAR	1- 3 PLANE MOMENT	AXIAL TORQ
526								
1	7.9							0
		0.8	0.58	7.83	0.01	-0.02		
		7.2	-7.87	-15.52	0.01	0.02		
2	2.01							0
		0.8	3.03	-0.1	0.03	-0.1		
		7.2	-5.41	-7.72	0.03	0.1		
533								
1	-0.51							0
		0.8	4.56	7.46	0	0		
		7.2	-14.89	-25.61	0	0		
2	1.37							0
		0.8	8.15	-3.88	0	0.01		
		7.2	-11.3	-13.97	0	-0.01		
549								
1	-1.09							0
		0.8	3.18	11.85	0.01	-0.04		
		7.2	-16.27	-30.1	0.01	0.04		
2	-0.32							0
		0.8	7.63	-2.26	0.03	-0.1		
		7.2	-11.82	-15.69	0.03	0.1		
565								
1	-0.98							0
		0.8	2.79	13.06	0.03	-0.1		
		7.2	-16.65	-31.33	0.03	0.1		
2	-0.24							0
		0.8	7.43	-1.61	0.1	-0.32		
		7.2	-12.02	-16.34	0.1	0.32		
581								
1	-1.19							0
		0.8	2.86	12.87	0.06	-0.19		
		7.2	-16.59	-31.12	0.06	0.19		
2	-0.11							0
		0.8	7.38	-1.46	0.18	-0.58		
		7.2	-12.07	-16.49	0.18	0.58		
597								
1	-1.23							0
		0.8	3.12	12.03	0.08	-0.27		
		7.2	-16.33	-30.29	0.08	0.27		
2	-0.73							0
		0.8	7.42	-1.56	0.27	-0.85		
		7.2	-12.03	-16.34	0.27	0.85		
613								
1	-1.54							0
		0.8	3.63	10.4	0.11	-0.34		
		7.2	-15.82	-26.66	0.11	0.34		
2	-0.18							0
		0.8	7.53	-1.85	0.34	-1.08		
		7.2	-11.92	-15.94	0.34	1.08		
629								
1	-1.73							0
		0.8	4.21	8.57	0.12	-0.39		
		7.2	-15.24	-26.75	0.12	0.39		
2	-0.47							0
		0.8	7.64	-2.21	0.39	-1.26		
		7.2	-11.81	-15.58	0.39	1.26		

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS ONE BRACE"
DATA PORTAL 3D UNTUK SHEAR DAN MOMENT
FRAME ELEMENT FORCES (BALOK 8M)

ELT ID	LOAD COMB	AXIAL FORCE	DIST ENDS	1- 2 PLANE SHEAR	1- 2 PLANE MOMENT	1- 3 PLANE SHEAR	1- 3 PLANE MOMENT	AXIAL TORQ
645								
1	-2.04							0
		0.8	4.91	6.37	0.13	-0.42		
		7.2	-14.54	-24.48	0.13	0.42		
2	-0.58							0
		0.8	7.8	-2.7	0.43	-1.38		
		7.2	-11.65	-15.06	0.43	1.38		
660								
1	-6.15							0
		0.8	6.23	2.18	-0.2	0.65		
		7.2	-13.22	-20.23	-0.2	-0.65		
2	-1.57							0
		0.8	9.06	-6.87	-0.68	2.17		
		7.2	-10.39	-11.19	-0.68	-2.17		
676								
1	-6.87							0
		0.8	7.14	-0.76	-0.2	0.65		
		7.2	-12.31	-17.32	-0.2	-0.65		
2	-2.44							0
		0.8	9.34	-7.78	-0.69	2.21		
		7.2	-10.11	-10.29	-0.69	-2.21		
692								
1	-7.01							-0.02
		0.8	7.54	-1.76	-0.73	2.34		
		7.2	-11.9	-15.78	-0.73	-2.34		
2	-1.29							-0.07
		0.8	10.14	-10.2	-2.51	8.02		
		7.2	-9.39	-15.11	-2.51	-10.02		
709								
1	-4.98							0.03
		0.8	7.23	-0.31	0.36	-1.15		
		7.2	-12.21	-16.3	0.36	1.15		
2	-1.52							0.1
		0.8	7.79	-1.59	1.26	-4.04		
		7.2	-11.65	-14.01	1.26	4.04		
724								
1	-8.51							-0.03
		0.8	8.85	-5.97	-0.61	1.95		
		7.2	-10.59	-11.55	-0.61	-1.95		
2	-2.57							-0.08
		0.8	10.53	-11.43	-2.11	6.75		
		7.2	-8.91	-6.29	-2.11	-6.75		
740								
1	-7.91							-0.03
		0.8	9.54	-8.17	-0.55	1.75		
		7.2	-9.9	-9.33	-0.55	-1.75		
2	-1.38							-0.08
		0.8	10.75	-12.09	-1.92	6.14		
		7.2	-8.69	-5.55	-1.92	-6.14		

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS ONE BRACE"
DATA PORTAL 3D UNTUK SHEAR DAN MOMENT
FRAME ELEMENT FORCES (BALOK 6.5M)

ELT ID	LOAD COMB	AXIAL FORCE	DIST ENDI	1- 2 PLANE SHEAR	1- 2 PLANE MOMENT	1- 3 PLANE SHEAR	1- 3 PLANE MOMENT	AXIAL TORQ
308	1	0.26						0
			0.7	3.61	0.39	0	0	
			5.9	-7.16	-8.84	0	0	
	2	-0.22						0
			0.7	-0.07	9.96	0	0	
			5.9	-10.84	-18.41	0	0	
323	1	-0.12						0
			0.7	2.87	2.35	0	0	
			5.9	-7.9	-10.75	0	0	
	2	-1.11						0
			0.7	-2.24	15.65	0	0	
			5.9	-13.02	-24.05	0	0	
338	1	-0.57						0
			0.7	2.49	3.34	0	0	
			5.9	-8.28	-11.75	0	0	
	2	-2.02						0
			0.7	-3.28	18.33	0	0	
			5.9	-14.05	-26.74	0	0	
353	1	-0.76						0
			0.7	2.31	3.81	0	0	
			5.9	-8.46	-12.21	0	0	
	2	-2.66						0
			0.7	-3.67	19.35	0	0	
			5.9	-14.44	-27.74	0	0	
368	1	-1.24						0
			0.7	2.25	3.55	0	0	
			5.9	-8.52	-12.38	0	0	
	2	-3.59						0
			0.7	-3.68	19.36	0	0	
			5.9	-14.45	-27.8	0	0	
383	1	-1.08						0
			0.7	2.27	3.86	0	0	
			5.9	-8.5	-12.36	0	0	
	2	-3.89						0
			0.7	-3.37	18.52	0	0	
			5.9	-14.14	-27.01	0	0	
398	1	-1.33						0
			0.7	2.36	3.64	0	0	
			5.9	-8.41	-12.13	0	0	
	2	-4.58						0
			0.7	-2.87	17.22	0	0	
			5.9	-13.64	-25.7	0	0	
413	1	-1.53						0
			0.7	2.5	3.28	0	0	
			5.9	-8.27	-11.76	0	0	
	2	-5.24						0
			0.7	-2.2	15.5	0	0	
			5.9	-12.97	-23.99	0	0	

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS ONE BRACE"
DATA PORTAL 3D UNTUK SHEAR DAN MOMENT
FRAME ELEMENT FORCES (BALOK 6.5M)

ELT ID	LOAD COMB	AXIAL FORCE	DIST ENDI	1- 2 PLANE SHEAR	1- 2 PLANE MOMENT	1- 3 PLANE SHEAR	1- 3 PLANE MOMENT	AXIAL TORQ
428	1	-1.73						0
			0.7	2.68	2.81	0	0	
			5.9	-8.09	-11.28	0	0	
	2	-5.87						0
			0.7	-1.42	13.46	0	0	
			5.9	-12.19	-21.93	0	0	
443	1	-2.08						0
			0.7	2.9	2.2	0	0	
			5.9	-7.87	-10.75	0	0	
	2	-6.74						0
			0.7	-0.51	11.07	0	0	
			5.9	-11.28	-19.59	0	0	
457	1	-2.14						0
			0.7	3.77	0.16	0	0	
			5.9	-6.99	-8.23	0	0	
	2	-6.77						0
			0.7	1.5	6.03	0	0	
			5.9	-9.27	-14.19	0	0	
472	1	-2.6						0
			0.7	3.8	0.07	0	0	
			5.9	-6.96	-8.16	0	0	
	2	-7.88						0
			0.7	1.71	5.48	0	0	
			5.9	-9.06	-13.66	0	0	
487	1	-2.94						0
			0.7	3.85	-0.04	0	0	
			5.9	-6.92	-8.04	0	0	
	2	-8.61						0
			0.7	1.94	4.87	0	0	
			5.9	-8.82	-13.05	0	0	
502	1	-4.31						0
			0.7	3.9	-0.17	0	0	
			5.9	-6.86	-7.9	0	0	
	2	-9.41						0
			0.7	2.18	4.24	0	0	
			5.9	-8.58	-12.42	0	0	
517	1	-15.98						0
			0.7	4	-0.2	0	0	
			5.9	-6.72	-7.28	0	0	
	2	-14.98						0
			0.7	2.51	3.55	0	0	
			5.9	-8.2	-11.26	0	0	

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS ONE BRACE"
DATA PORTAL 3D UNTUK SHEAR DAN MOMENT
FRAME ELEMENT FORCES (BRACING)

ELT ID	LOAD COMB	AXIAL FORCE	DIST ENDI	1-2 PLANE SHEAR	1-2 PLANE MOMENT	1-3 PLANE SHEAR	1-3 PLANE MOMENT	AXIAL TORQ
801	1	80.23	0	0.37	-0.92	0	-0.01	0
			8.3	0.36	1.81	0	0	
	2	24.5	0	0.16	-0.5	0.01	-0.05	0
			8.3	0.15	0.78	0.01	0	
807	1	88.98	0	0.37	-1.24	0	-0.02	0
			8.3	0.36	1.83	0	0	
	2	20.57	0	0.17	-0.54	0.01	-0.05	0
			8.3	0.16	0.82	0.01	0	
809	1	103.89	0	0.11	0.21	0	-0.01	0
			7.9	0.1	1.07	0	0	
	2	26.91	0	0.1	-0.13	0	-0.02	0
			7.9	0.09	0.6	0	0	
815	1	104.87	0	0.11	0.23	0	-0.01	0
			7.9	0.1	1.08	0	0	
	2	29.78	0	0.1	-0.11	0	-0.02	0
			7.9	0.09	0.64	0	0	
817	1	100.69	0	0.12	0.18	0	-0.02	0
			7.9	0.11	1.07	0	0.01	
	2	24.31	0	0.09	-0.09	0.01	-0.06	0
			7.9	0.08	0.57	0.01	0.02	
823	1	102.94	0	0.13	0.14	0	-0.02	0
			7.9	0.12	1.11	0	0.01	
	2	31.05	0	0.1	-0.12	0.01	-0.06	0
			7.9	0.09	0.65	0.01	0.02	
825	1	97.67	0	0.11	0.18	0.01	-0.04	0
			7.9	0.1	1.04	0.01	0.02	
	2	22.07	0	0.09	-0.12	0.02	-0.12	0
			7.9	0.08	0.56	0.02	0.05	
831	1	101.21	0	0.12	0.16	0.01	-0.04	0
			7.9	0.11	1.08	0.01	0.02	
	2	32.09	0	0.1	-0.1	0.02	-0.12	0
			7.9	0.09	0.64	0.02	0.05	

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS ONE BRACE"
DATA PORTAL 3D UNTUK SHEAR DAN MOMENT
FRAME ELEMENT FORCES (BRACING)

ELT ID	LOAD COMB	AXIAL FORCE	DIST ENDI	1-2 PLANE SHEAR	1-2 PLANE MOMENT	1-3 PLANE SHEAR	1-3 PLANE MOMENT	AXIAL TORQ
833	1	93.44	0	0.13	0.11	0.01	-0.06	0
			7.9	0.12	1.1	0.01	0.02	
	2	19.7	0	0.1	-0.15	0.03	-0.18	0
			7.9	0.09	0.59	0.03	0.08	
839	1	97.62	0	0.13	0.11	0.01	-0.06	0
			7.9	0.12	1.13	0.01	0.02	
	2	32.27	0	0.1	-0.11	0.03	-0.18	0
			7.9	0.09	0.66	0.03	0.08	
841	1	89.14	0	0.13	0.03	0.01	-0.06	0
			7.9	0.12	1.01	0.01	0.03	
	2	18.48	0	0.08	-0.12	0.04	-0.2	0
			7.9	0.07	0.5	0.04	0.1	
847	1	93.06	0	0.14	-0.02	0.01	-0.06	0
			7.9	0.13	1.07	0.01	0.03	
	2	30.31	0	0.09	-0.12	0.04	-0.2	0
			7.9	0.09	0.59	0.04	0.1	
849	1	83.34	0	0.13	-0.04	0.01	-0.07	0
			7.9	0.13	1	0.01	0.04	
	2	15.72	0	0.1	-0.22	0.05	-0.24	0
			7.9	0.09	0.54	0.05	0.12	
855	1	88.22	0	0.12	0.03	0.01	-0.07	0
			7.9	0.12	0.99	0.01	0.04	
	2	30.2	0	0.09	-0.1	0.05	-0.24	0
			7.9	0.08	0.56	0.05	0.13	
857	1	76.83	0	0.11	0.06	0.02	-0.08	0
			7.9	0.1	0.9	0.02	0.04	
	2	13.04	0	0.08	-0.12	0.05	-0.26	0
			7.9	0.07	0.47	0.05	0.14	
863	1	82.36	0	0.12	0.01	0.02	-0.08	0
			7.9	0.11	0.95	0.02	0.04	
	2	29.32	0	0.09	-0.09	0.05	-0.27	0
			7.9	0.08	0.55	0.05	0.14	

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS ONE BRACE"
DATA PORTAL 3D UNTUK SHEAR DAN MOMENT
FRAME ELEMENT FORCES (BRACING)

ELT ID	LOAD COMB	AXIAL FORCE	DIST ENDI	1- 2 PLANE SHEAR	1- 2 PLANE MOMENT	1- 3 PLANE SHEAR	1- 3 PLANE MOMENT	AXIAL TORQ
865	1	70.1	0	0.11	0.03	0.02	-0.08	0
			7.9	0.1	0.85	0.02	0.05	
	2	10.56	0	0.08	-0.15	0.05	-0.28	0
			7.9	0.07	0.46	0.05	0.15	
873	1	62.21	0	0.12	-0.05	0.02	-0.09	0
			7.9	0.11	0.9	0.02	0.05	
	2	7.96	0	0.09	-0.18	0.06	-0.29	0
			7.9	0.08	0.49	0.06	0.16	
871	1	76.09	0	0.11	0.01	0.02	-0.09	0
			7.9	0.1	0.88	0.02	0.05	
	2	28.07	0	0.08	-0.09	0.06	-0.28	0
			7.9	0.07	0.53	0.06	0.16	
879	1	68.52	0	0.13	-0.05	0.02	-0.09	0
			7.9	0.12	0.92	0.02	0.05	
	2	26.24	0	0.08	-0.1	0.06	-0.29	0
			7.9	0.08	0.53	0.06	0.16	
881	1	53.07	0	0.09	-0.02	0.01	-0.04	0
			7.9	0.08	0.67	0.01	0.03	
	2	6.35	0	0.06	-0.1	0.03	-0.14	0
			7.9	0.05	0.34	0.03	0.11	
887	1	58.44	0	0.1	-0.08	0.01	-0.04	0
			7.9	0.1	0.72	0.01	0.03	
	2	21.99	0	0.07	-0.1	0.03	-0.14	0
			7.9	0.06	0.42	0.03	0.11	
889	1	37.43	0	0.12	-0.29	0.01	-0.04	0
			7.9	0.12	0.67	0.01	0.03	
	2	1.72	0	0.09	-0.29	0.03	-0.13	0
			7.9	0.09	0.41	0.03	0.1	
895	1	43.05	0	0.11	-0.2	0.01	-0.04	0
			7.9	0.1	0.64	0.01	0.03	
	2	17.63	0	0.06	-0.09	0.03	-0.13	0
			7.9	0.06	0.38	0.03	0.1	

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS ONE BRACE"
DATA PORTAL 3D UNTUK SHEAR DAN MOMENT
FRAME ELEMENT FORCES (BRACING)

ELT ID	LOAD COMB	AXIAL FORCE	DIST ENDI	1- 2 PLANE SHEAR	1- 2 PLANE MOMENT	1- 3 PLANE SHEAR	1- 3 PLANE MOMENT	AXIAL TORQ
897	1	25.45	0	0.09	-0.15	0.01	-0.03	0
			7.9	0.08	0.51	0.01	0.03	
	2	-1.61	0	0.06	-0.16	0.03	-0.12	0
			7.9	0.06	0.32	0.03	0.09	
903	1	31.06	0	0.1	-0.18	0.01	-0.04	0
			7.9	0.09	0.54	0.01	0.03	
	2	13.86	0	0.06	-0.09	0.03	-0.12	0
			7.9	0.05	0.34	0.03	0.09	
905	1	13.09	0	0.07	-0.15	0.01	-0.03	0
			7.9	0.07	0.41	0.01	0.02	
	2	-5.03	0	0.06	-0.17	0.02	-0.11	0
			7.9	0.06	0.3	0.02	0.08	
911	1	18.66	0	0.08	-0.16	0.01	-0.03	0
			7.9	0.07	0.43	0.01	0.03	
	2	10.07	0	0.05	-0.08	0.02	-0.11	0
			7.9	0.05	0.31	0.02	0.09	

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS ONE BRACE"

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS ONE BRACE"

JOINT DISPLACEMENTS "U" AND ROTATIONS "R"
LOAD COMBINATION 1 (Gempa Arah X)

JOINT DISPLACEMENTS "U" AND ROTATIONS "R"
LOAD COMBINATION 1 (Gempa Arah X)

JOINT	U(X)	U(Y)	U(Z)	R(X)	R(Y)
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	1.62E-05	3.56E-06	-2.22E-08	-1.43E-06	4.97E-06
22	1.65E-05	4.15E-06	8.78E-07	-1.43E-06	4.53E-06
23	1.38E-05	3.99E-06	-4.59E-07	-1.68E-06	2.14E-06
24	1.68E-05	4.40E-06	-1.32E-06	-1.48E-06	4.66E-06
25	1.64E-05	3.56E-06	-3.34E-07	-1.43E-06	4.53E-06
26	2.06E-05	3.60E-06	-4.62E-07	-1.28E-06	7.57E-06
27	2.08E-05	3.59E-06	-1.22E-06	-1.13E-06	6.79E-06
28	2.08E-05	4.06E-06	-1.29E-06	-1.42E-06	6.79E-06
29	2.08E-05	3.67E-06	-1.51E-06	-1.15E-06	6.78E-06
30	2.08E-05	3.60E-06	-7.94E-07	-1.28E-06	6.82E-06
31	2.08E-05	3.61E-06	-1.16E-07	-1.35E-06	7.22E-06
32	2.08E-05	3.65E-06	1.20E-07	-1.09E-06	6.80E-06
33	2.08E-05	4.07E-06	-5.69E-07	-1.54E-06	6.79E-06
34	2.08E-05	3.57E-06	-1.62E-07	-1.07E-06	6.77E-06
35	2.06E-05	3.61E-06	-4.48E-07	-1.35E-06	7.17E-06
36	1.62E-05	3.63E-06	-2.77E-07	-1.27E-06	4.93E-06
37	1.66E-05	4.68E-06	3.07E-08	-1.37E-06	4.58E-06
38	1.38E-05	4.12E-06	-7.42E-07	-1.36E-06	2.14E-06
39	1.68E-05	4.44E-06	-2.17E-06	-1.32E-06	4.61E-06
40	1.64E-05	3.63E-06	-5.89E-07	-1.27E-06	4.57E-06
41	3.44E-05	9.97E-06	-3.14E-08	-1.96E-06	4.42E-06
42	3.42E-05	9.55E-06	1.50E-06	-1.54E-06	4.48E-06
43	3.07E-05	1.12E-05	-8.16E-07	-2.24E-06	2.96E-06
44	3.45E-05	9.95E-06	-2.30E-06	-1.56E-06	4.12E-06
45	3.45E-05	9.97E-06	-5.85E-07	-1.96E-06	4.52E-06
46	5.32E-05	9.96E-06	-8.24E-07	-1.82E-06	9.24E-06
47	5.31E-05	8.83E-06	-2.16E-06	-1.38E-06	8.56E-06
48	5.30E-05	1.12E-05	-2.29E-06	-2.01E-06	8.53E-06
49	5.30E-05	8.90E-06	-2.68E-06	-1.35E-06	8.51E-06
50	5.29E-05	9.96E-06	-1.41E-06	-1.82E-06	8.65E-06
51	5.32E-05	9.96E-06	-2.06E-07	-1.87E-06	8.96E-06
52	5.31E-05	8.89E-06	2.08E-07	-1.33E-06	8.55E-06
53	5.30E-05	1.12E-05	-1.01E-06	-2.10E-06	8.53E-06
54	5.29E-05	8.81E-06	-3.09E-07	-1.36E-06	8.52E-06
55	5.29E-05	9.96E-06	-7.95E-07	-1.87E-06	8.93E-06
56	3.44E-05	9.95E-06	-4.94E-07	-1.82E-06	4.63E-06
57	3.43E-05	1.02E-05	1.61E-08	-1.43E-06	4.32E-06
58	3.07E-05	1.12E-05	-1.33E-06	-1.97E-06	2.96E-06

JOINT	U(X)	U(Y)	U(Z)	R(X)	R(Y)
59	3.44E-05	9.82E-06	-3.78E-06	-1.41E-06	4.28E-06
60	3.45E-05	9.85E-06	-1.05E-06	-1.82E-06	4.31E-06
61	5.20E-05	1.78E-05	-4.21E-08	-2.21E-06	4.43E-06
62	5.19E-05	1.53E-05	1.99E-06	-1.62E-06	4.47E-06
63	4.85E-05	1.99E-05	-1.15E-06	-2.50E-06	2.96E-06
64	5.21E-05	1.58E-05	-3.17E-06	-1.63E-06	4.22E-06
65	5.22E-05	1.78E-05	-8.20E-07	-2.21E-06	4.42E-06
66	8.96E-05	1.78E-05	-1.17E-06	-2.07E-06	9.67E-06
67	8.94E-05	1.46E-05	-3.01E-06	-1.47E-06	8.97E-06
68	8.92E-05	1.99E-05	-3.21E-06	-2.27E-06	8.96E-06
69	8.91E-05	1.47E-05	-3.76E-06	-1.44E-06	8.95E-06
70	8.91E-05	1.78E-05	-1.97E-06	-2.07E-06	9.10E-06
71	8.96E-05	1.78E-05	-3.00E-07	-2.12E-06	9.40E-06
72	8.94E-05	1.47E-05	2.82E-07	-1.40E-06	8.97E-06
73	8.92E-05	1.99E-05	-1.42E-06	-2.37E-06	8.96E-06
74	8.91E-05	1.46E-05	-4.65E-07	-1.44E-06	8.94E-06
75	8.91E-05	1.78E-05	-1.11E-06	-2.12E-06	9.37E-06
76	5.21E-05	1.78E-05	-6.95E-07	-2.08E-06	4.58E-06
77	5.20E-05	1.60E-05	-3.48E-08	-1.50E-06	4.36E-06
78	4.85E-05	1.98E-05	-1.89E-06	-2.25E-06	2.96E-06
79	5.20E-05	1.55E-05	-5.20E-06	-1.49E-06	4.34E-06
80	5.20E-05	1.78E-05	-1.47E-06	-2.08E-06	4.27E-06
81	6.95E-05	2.63E-05	-5.50E-08	-2.31E-06	4.40E-06
82	6.94E-05	2.13E-05	2.38E-06	-1.66E-06	4.40E-06
83	6.61E-05	2.93E-05	-1.45E-06	-2.59E-06	3.03E-06
84	6.96E-05	2.18E-05	-3.94E-06	-1.66E-06	4.17E-06
85	6.96E-05	2.63E-05	-1.04E-06	-2.31E-06	4.37E-06
86	1.26E-04	2.63E-05	-1.49E-06	-2.17E-06	9.51E-06
87	1.26E-04	2.07E-05	-3.78E-06	-1.52E-06	8.85E-06
88	1.26E-04	2.92E-05	-4.07E-06	-2.36E-06	8.84E-06
89	1.26E-04	2.07E-05	-4.75E-06	-1.47E-06	8.81E-06
90	1.26E-04	2.63E-05	-2.49E-06	-2.17E-06	8.95E-06
91	1.26E-04	2.63E-05	-3.89E-07	-2.21E-06	9.25E-06
92	1.26E-04	2.07E-05	3.41E-07	-1.44E-06	8.85E-06
93	1.26E-04	2.92E-05	-1.79E-06	-2.45E-06	8.84E-06
94	1.26E-04	2.07E-05	-6.28E-07	-1.49E-06	8.82E-06
95	1.26E-04	2.63E-05	-1.39E-06	-2.21E-06	9.22E-06
96	6.97E-05	2.62E-05	-8.79E-07	-2.18E-06	4.54E-06
97	6.95E-05	2.21E-05	-1.18E-07	-1.54E-06	4.30E-06
98	6.61E-05	2.92E-05	-2.40E-06	-2.34E-06	3.03E-06
99	6.95E-05	2.15E-05	-6.44E-06	-1.54E-06	4.28E-06
100	6.95E-05	2.62E-05	-1.86E-06	-2.18E-06	4.24E-06
101	8.70E-05	3.50E-05	-7.01E-08	-2.34E-06	4.37E-06
102	8.68E-05	2.74E-05	2.67E-06	-1.75E-06	4.55E-06
103	8.35E-05	3.68E-05	-1.73E-06	-2.64E-06	2.66E-06
104	8.70E-05	2.80E-05	-4.60E-06	-1.74E-06	4.09E-06
105	8.71E-05	3.50E-05	-1.24E-06	-2.34E-06	4.51E-06
106	1.62E-04	3.49E-05	-1.79E-06	-2.16E-06	9.28E-06
107	1.62E-04	2.69E-05	-4.46E-06	-1.56E-06	8.44E-06
108	1.61E-04	3.87E-05	-4.85E-06	-2.33E-06	8.43E-06
109	1.61E-04	2.69E-05	-5.64E-06	-1.50E-06	8.40E-06
110	1.61E-04	3.49E-05	-2.96E-06	-2.16E-06	8.56E-06
111	1.62E-04	3.49E-05	-4.77E-07	-2.22E-06	8.93E-06
112	1.62E-04	2.69E-05	3.84E-07	-1.45E-06	8.44E-06
113	1.61E-04	3.86E-05	-2.14E-06	-2.45E-06	8.43E-06
114	1.61E-04	2.68E-05	-7.94E-07	-1.52E-06	8.41E-06
115	1.61E-04	3.49E-05	-1.65E-06	-2.22E-06	8.90E-06
116	8.72E-05	3.49E-05	-1.05E-06	-2.18E-06	4.65E-06

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS ONE BRACE"

JOINT DISPLACEMENTS "U" AND ROTATIONS "R"
LOAD COMBINATION 1 (Gempa Arah X)

JOINT	U(X)	U(Y)	U(Z)	R(X)	R(Y)
117	8.69E-05	2.82E-05	-2.30E-07	-1.57E-06	4.33E-06
118	8.35E-05	3.86E-05	-2.87E-08	-2.29E-06	2.66E-06
119	8.69E-05	2.76E-05	-7.50E-06	-1.58E-06	4.31E-06
120	8.69E-05	3.49E-05	-2.22E-06	-2.16E-06	4.23E-06
121	1.06E-04	4.37E-05	-1.01E-07	-2.31E-06	4.90E-06
122	1.06E-04	3.40E-05	3.00E-06	-1.88E-06	4.21E-06
123	1.03E-04	4.82E-05	-2.17E-06	-2.83E-06	1.96E-06
124	1.06E-04	3.46E-05	-5.59E-06	-1.88E-06	4.44E-06
125	1.06E-04	4.37E-05	-1.57E-06	-2.31E-06	4.02E-06
126	1.97E-04	4.36E-05	-2.22E-06	-2.06E-06	8.75E-06
127	1.97E-04	3.35E-05	-5.39E-06	-1.61E-06	7.69E-06
128	1.96E-04	4.82E-05	-5.92E-06	-2.19E-06	7.70E-06
129	1.96E-04	3.36E-05	-8.86E-06	-1.52E-06	7.65E-06
130	1.96E-04	4.36E-05	-3.59E-06	-2.06E-06	7.80E-06
131	1.97E-04	4.36E-05	-6.05E-07	-2.15E-06	8.29E-06
132	1.97E-04	3.35E-05	4.25E-07	-1.47E-06	7.69E-06
133	1.96E-04	4.81E-05	-2.60E-06	-2.36E-06	7.69E-06
134	1.96E-04	3.35E-05	-1.05E-06	-1.56E-06	7.65E-06
135	1.96E-04	4.36E-05	-1.98E-06	-2.15E-06	8.27E-06
136	1.06E-04	4.36E-05	-1.31E-06	-2.04E-06	4.77E-06
137	1.06E-04	3.48E-05	-4.69E-07	-1.62E-06	4.34E-06
138	1.03E-04	4.81E-05	-3.82E-06	-2.10E-06	1.96E-06
139	1.06E-04	3.42E-05	-9.06E-06	-1.62E-06	4.31E-06
140	1.06E-04	4.36E-05	-2.79E-06	2.04E-06	4.15E-06
141	1.24E-04	5.19E-05	-1.18E-07	-2.16E-06	4.15E-06
142	1.24E-04	4.06E-05	3.20E-06	-1.87E-06	4.44E-06
143	1.21E-04	5.72E-05	-2.58E-06	-2.46E-06	2.06E-06
144	1.24E-04	4.14E-05	-6.40E-06	-1.85E-06	3.79E-06
145	1.24E-04	5.19E-05	-1.86E-06	-2.16E-06	4.34E-06
146	2.29E-04	5.19E-05	-2.62E-06	-1.93E-06	7.86E-06
147	2.28E-04	4.03E-05	-6.20E-06	-1.62E-06	6.91E-06
148	2.28E-04	5.71E-05	-6.89E-06	-2.04E-06	6.89E-06
149	2.28E-04	4.03E-05	-7.93E-06	-1.51E-06	6.85E-06
150	2.28E-04	5.19E-05	-4.15E-06	-1.92E-06	6.92E-06
151	2.29E-04	5.19E-05	-7.28E-07	-2.00E-06	7.40E-06
152	2.28E-04	4.02E-05	4.46E-07	-1.46E-06	6.90E-06
153	2.28E-04	5.71E-05	-3.02E-06	-2.19E-06	6.89E-06
154	2.28E-04	4.02E-05	-1.29E-06	-1.57E-06	6.86E-06
155	2.28E-04	5.19E-05	-2.27E-06	-2.00E-06	7.38E-06
156	1.24E-04	5.18E-05	-1.55E-06	-1.90E-06	4.54E-06
157	1.24E-04	4.15E-05	-7.40E-07	-1.61E-06	4.13E-06
158	1.21E-04	5.71E-05	-4.30E-06	-1.95E-06	2.06E-06
159	1.24E-04	4.08E-05	-1.04E-05	-1.63E-06	4.05E-06
160	1.24E-04	5.18E-05	-3.29E-06	-1.91E-06	3.94E-06
161	1.42E-04	5.96E-05	-1.38E-07	-1.98E-06	4.03E-06
162	1.41E-04	4.72E-05	3.28E-06	-1.85E-06	4.13E-06
163	1.39E-04	6.55E-05	-2.94E-06	-2.26E-06	1.97E-06
164	1.41E-04	4.80E-05	-7.07E-06	-1.82E-06	3.66E-06
165	1.42E-04	5.96E-05	-2.11E-06	-1.98E-06	3.99E-06
166	2.56E-04	5.95E-05	-2.98E-06	-1.75E-06	6.84E-06
167	2.56E-04	4.69E-05	-6.90E-06	-1.60E-06	5.96E-06
168	2.56E-04	6.53E-05	-7.75E-06	-1.84E-06	5.94E-06
169	2.55E-04	4.69E-05	-8.88E-06	-1.48E-06	5.90E-06
170	2.55E-04	5.95E-05	-4.64E-06	-1.75E-06	5.90E-06
171	2.56E-04	5.95E-05	-8.44E-07	-1.83E-06	6.38E-06
172	2.56E-04	4.69E-05	4.48E-07	-1.43E-06	5.95E-06
173	2.56E-04	6.53E-05	-3.38E-06	-1.99E-06	5.94E-06
174	2.55E-04	4.69E-05	-1.53E-06	-1.55E-06	5.90E-06

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS ONE BRACE"

JOINT DISPLACEMENTS "U" AND ROTATIONS "R"
LOAD COMBINATION 1 (Gempa Arah X)

JOINT	U(X)	U(Y)	U(Z)	R(X)	R(Y)
175	2.55E-04	5.95E-05	-2.51E-06	-1.83E-06	6.36E-06
176	1.42E-04	5.95E-05	-1.78E-06	-1.73E-06	4.31E-06
177	1.41E-04	4.81E-05	-1.04E-06	-1.57E-06	3.92E-06
178	1.39E-04	6.53E-05	-4.90E-06	-1.74E-06	1.97E-06
179	1.41E-04	4.73E-05	-1.14E-05	-1.60E-06	3.87E-06
180	1.41E-04	5.95E-05	-3.74E-06	-1.73E-06	3.70E-06
181	1.58E-04	6.64E-05	-1.60E-07	-1.77E-06	3.77E-06
182	1.58E-04	5.36E-05	3.25E-06	-1.80E-06	3.85E-06
183	1.55E-04	7.28E-05	-3.26E-06	-2.01E-06	1.99E-06
184	1.58E-04	5.44E-05	-7.59E-06	-1.75E-06	3.40E-06
185	1.58E-04	6.64E-05	-2.34E-06	-1.77E-06	3.70E-06
186	2.80E-04	6.64E-05	-3.31E-06	-1.55E-06	5.64E-06
187	2.79E-04	5.34E-05	-7.51E-06	-1.57E-06	4.88E-06
188	2.79E-04	7.27E-05	-8.51E-06	-1.61E-06	4.85E-06
189	2.79E-04	5.34E-05	-9.69E-06	-1.44E-06	4.79E-06
190	2.79E-04	6.64E-05	-5.07E-06	-1.55E-06	4.72E-06
191	2.80E-04	6.63E-05	-9.50E-07	-1.52E-06	5.19E-06
192	2.79E-04	5.34E-05	4.33E-07	-1.39E-06	4.86E-06
193	2.79E-04	7.26E-05	-3.69E-06	-1.75E-06	4.84E-06
194	2.79E-04	5.33E-05	-1.75E-06	-1.52E-06	4.80E-06
195	2.79E-04	6.63E-05	-2.71E-06	-1.62E-06	5.17E-06
196	1.58E-04	6.63E-05	-1.95E-06	-1.52E-06	4.03E-06
197	1.58E-04	5.45E-05	-1.35E-06	-1.51E-06	3.65E-06
198	1.55E-04	7.26E-05	-5.43E-06	-1.51E-06	1.99E-06
199	1.58E-04	5.37E-05	-1.22E-05	-1.56E-06	3.60E-06
200	1.58E-04	6.63E-05	-4.12E-06	-1.52E-06	3.44E-06
201	1.73E-04	7.24E-05	-1.81E-07	-1.61E-06	3.55E-06
202	1.73E-04	6.00E-05	3.13E-06	-1.84E-06	3.91E-06
203	1.71E-04	7.92E-05	-3.54E-06	-1.88E-06	1.41E-06
204	1.73E-04	6.06E-05	-7.98E-06	-1.78E-06	3.10E-06
205	1.73E-04	7.24E-05	-2.54E-06	-1.61E-06	3.76E-06
206	2.98E-04	7.23E-05	-3.60E-06	-1.30E-06	4.45E-06
207	2.98E-04	5.97E-05	-8.01E-06	-1.51E-06	3.60E-06
208	2.97E-04	7.91E-05	-9.15E-06	-1.32E-06	3.61E-06
209	2.97E-04	5.97E-05	-1.04E-05	-1.33E-06	3.59E-06
210	2.97E-04	7.23E-05	-5.43E-06	-1.30E-06	3.35E-06
211	2.98E-04	7.23E-05	-1.04E-06	-1.40E-06	3.84E-06
212	2.98E-04	5.96E-05	4.05E-07	-1.27E-06	3.59E-06
213	2.97E-04	7.90E-05	-3.96E-06	-1.53E-06	3.61E-06
214	2.97E-04	5.96E-05	-1.95E-06	-1.45E-06	3.61E-06
215	2.97E-04	7.23E-05	-2.88E-06	-1.40E-06	3.96E-06
216	1.74E-04	7.23E-05	-2.10E-06	-1.27E-06	4.03E-06
217	1.73E-04	6.06E-05	-1.66E-06	-1.46E-06	3.52E-06
218	1.71E-04	7.89E-05	-5.88E-06	-1.22E-06	1.41E-06
219	1.73E-04	6.00E-05	-1.28E-05	-1.52E-06	3.49E-06
220	1.73E-04	7.23E-05	-4.46E-06	-1.28E-06	3.28E-06
221	1.88E-04	7.74E-05	-2.14E-07	-1.21E-06	2.58E-06
222	1.88E-04	6.63E-05	2.83E-06	-1.87E-06	1.97E-06
223	1.86E-04	8.46E-05	-3.92E-06	-1.59E-06	5.62E-07
224	1.88E-04	6.70E-05	-8.44E-06	-1.82E-06	2.22E-06
225	1.88E-04	7.74E-05	-2.82E-06	-1.20E-06	1.35E-06
226	3.10E-04	7.74E-05	-4.04E-06	-9.10E-07	2.45E-06
227	3.10E-04	6.62E-05	-8.76E-06	-1.56E-06	1.32E-06
228	3.09E-04	8.45E-05	-1.01E-05	-9.73E-07	1.34E-06
229	3.09E-04	6.62E-05	-1.14E-05	-1.32E-06	1.16E-06
230	3.09E-04	7.74E-05	-5.96E-06	-8.95E-07	8.05E-07
231	3.10E-04	7.73E-05	-1.18E-06	-1.03E-06	1.51E-06
232	3.10E-04	6.61E-05	3.37E-07	-1.23E-06	1.31E-06

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS ONE BRACE"

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS ONE BRACE"

JOINT DISPLACEMENTS "U" AND ROTATIONS "R"
LOAD COMBINATION 1 (Gempa Arah X)

JOINT	U(X)	U(Y)	U(Z)	R(X)	R(Y)
233	3.09E-04	8.44E-05	-4.34E-06	-1.23E-06	1.34E-06
234	3.09E-04	6.61E-05	-2.27E-06	-1.47E-06	1.17E-06
235	3.09E-04	7.73E-05	-3.11E-06	-1.05E-06	1.74E-06
236	1.88E-04	7.73E-05	-2.31E-06	-7.36E-07	2.54E-06
237	1.88E-04	6.70E-05	-2.16E-06	-1.37E-06	2.21E-06
238	1.86E-04	8.44E-05	-6.50E-06	-6.70E-07	5.62E-07
239	1.88E-04	6.63E-05	-1.34E-05	-1.42E-06	1.98E-06
240	1.88E-04	7.73E-05	-4.91E-06	-7.55E-07	1.40E-06
241	2.00E-04	8.13E-05	-2.35E-07	-1.07E-06	1.58E-06
242	2.00E-04	7.23E-05	2.55E-06	-1.71E-06	2.17E-06
243	1.99E-04	8.91E-05	-4.24E-06	-1.46E-06	7.50E-07
244	2.00E-04	7.29E-05	-8.73E-06	-1.65E-06	1.19E-06
245	2.00E-04	8.13E-05	-3.01E-06	-1.05E-06	1.74E-06
246	3.17E-04	8.13E-05	-4.39E-06	-7.47E-07	2.00E-06
247	3.17E-04	7.23E-05	-9.33E-06	-1.42E-06	1.00E-06
248	3.16E-04	8.90E-05	-1.09E-05	-8.30E-07	9.69E-07
249	3.16E-04	7.23E-05	-1.21E-05	-1.19E-06	7.80E-07
250	3.16E-04	8.13E-05	-6.37E-06	-7.31E-07	2.79E-07
251	3.17E-04	8.12E-05	-1.30E-05	-8.58E-07	1.10E-06
252	3.17E-04	7.21E-05	2.60E-07	-1.11E-06	9.71E-07
253	3.16E-04	8.89E-05	-4.64E-06	-1.07E-06	9.69E-07
254	3.16E-04	7.21E-05	-2.54E-06	-1.34E-06	8.11E-07
255	3.16E-04	8.12E-05	-3.29E-06	-8.74E-07	1.18E-06
256	2.00E-04	8.12E-05	-2.48E-06	-5.97E-07	2.23E-06
257	2.00E-04	7.26E-05	-2.58E-05	-1.22E-06	1.79E-06
258	1.99E-04	8.89E-05	-6.99E-06	-5.60E-07	7.50E-07
259	2.00E-04	7.22E-05	-1.39E-05	-1.28E-06	1.56E-06
260	2.00E-04	8.12E-05	-5.25E-06	-6.17E-07	1.09E-06
261	2.10E-04	8.45E-05	-2.63E-07	-9.44E-07	1.25E-06
262	2.09E-04	7.76E-05	2.29E-06	-1.55E-06	1.66E-06
263	2.08E-04	9.30E-05	-4.48E-06	-1.34E-06	6.57E-07
264	2.09E-04	7.82E-05	-8.92E-06	-1.49E-06	8.59E-07
265	2.09E-04	8.45E-05	-3.14E-06	-9.23E-07	1.15E-06
266	3.22E-04	8.45E-05	-4.66E-06	-6.07E-07	1.64E-06
267	3.22E-04	7.77E-05	-9.74E-06	-1.29E-06	7.19E-07
268	3.21E-04	9.29E-05	-1.15E-05	-6.79E-07	6.87E-07
269	3.21E-04	7.76E-05	-1.27E-05	-1.06E-06	4.93E-07
270	3.21E-04	8.45E-05	-6.67E-06	-5.90E-07	-1.10E-07
271	3.22E-04	8.44E-05	-1.40E-06	-7.30E-07	7.16E-07
272	3.22E-04	7.75E-05	1.83E-07	-9.84E-07	6.92E-07
273	3.21E-04	9.27E-05	-4.88E-06	-9.50E-07	6.86E-07
274	3.21E-04	7.75E-05	-2.76E-06	-1.22E-06	5.20E-07
275	3.21E-04	8.44E-05	-3.42E-06	-7.47E-07	8.14E-07
276	2.10E-04	8.44E-05	-2.61E-06	-4.57E-07	1.78E-06
277	2.10E-04	7.81E-05	-2.91E-06	-1.05E-06	1.38E-06
278	2.08E-04	9.27E-05	-7.36E-06	-4.13E-07	6.57E-07
279	2.09E-04	7.75E-05	-1.41E-05	-1.11E-06	1.14E-06
280	2.09E-04	8.44E-05	-5.48E-06	-4.78E-07	6.27E-07
281	2.16E-04	8.71E-05	-2.91E-07	-7.47E-07	8.28E-07
282	2.16E-04	8.23E-05	2.10E-06	-1.43E-06	1.22E-06
283	2.16E-04	9.61E-05	-4.64E-06	-1.08E-06	5.99E-07
284	2.16E-04	8.27E-05	-9.03E-06	-1.23E-06	4.13E-07
285	2.16E-04	8.71E-05	-3.23E-06	-7.24E-07	6.99E-07
286	3.25E-04	8.71E-05	-4.84E-06	-4.87E-07	1.09E-06
287	3.25E-04	8.24E-05	-1.00E-05	-1.19E-06	4.10E-07
288	3.24E-04	9.60E-05	-1.18E-05	-5.77E-07	3.42E-07
289	3.24E-04	8.23E-05	-1.30E-05	-9.50E-07	1.43E-07
290	3.24E-04	8.71E-05	-6.67E-06	-4.70E-07	-4.77E-07

JOINT DISPLACEMENTS "U" AND ROTATIONS "R"
LOAD COMBINATION 1 (Gempa Arah X)

JOINT	U(X)	U(Y)	U(Z)	R(X)	R(Y)
291	3.25E-04	8.70E-05	-1.48E-06	-5.48E-07	2.60E-07
292	3.25E-04	8.22E-05	1.17E-07	-8.46E-07	3.49E-07
293	3.24E-04	9.59E-05	-5.04E-06	-7.23E-07	3.42E-07
294	3.24E-04	8.22E-05	-2.91E-06	-1.09E-06	2.02E-07
295	3.24E-04	8.70E-05	-3.51E-06	-5.65E-07	3.52E-07
296	2.17E-04	8.70E-05	-2.69E-06	-3.40E-07	1.34E-06
297	2.16E-04	8.25E-05	-3.13E-06	-8.11E-07	9.15E-07
298	2.16E-04	9.59E-05	-7.60E-06	-3.19E-07	5.99E-07
299	2.16E-04	8.21E-05	-1.43E-05	-1.02E-06	7.17E-07
300	2.16E-04	8.70E-05	-5.63E-06	-3.62E-07	1.89E-07
301	2.21E-04	8.91E-05	-3.09E-07	-9.65E-07	1.56E-07
302	2.20E-04	8.71E-05	2.02E-06	-1.76E-06	9.31E-07
303	2.20E-04	9.86E-05	-4.73E-06	-1.61E-06	6.63E-07
304	2.20E-04	8.65E-05	-9.08E-06	-1.38E-06	-3.86E-07
305	2.20E-04	8.91E-05	-3.27E-06	-9.14E-07	7.46E-08
306	3.25E-04	8.90E-05	-4.93E-06	-2.40E-07	1.35E-06
307	3.25E-04	8.68E-05	-1.01E-05	-1.16E-06	2.13E-07
308	3.25E-04	9.85E-05	-1.20E-05	-1.77E-07	1.90E-07
309	3.25E-04	8.63E-05	-1.32E-05	-6.18E-07	-4.54E-08
310	3.25E-04	8.90E-05	-6.95E-06	-1.99E-07	-1.36E-06
311	3.25E-04	8.88E-05	-1.52E-06	-4.94E-07	-1.25E-07
312	3.25E-04	8.58E-05	7.50E-08	-4.21E-07	2.26E-07
313	3.25E-04	9.82E-05	-5.12E-06	-7.82E-07	1.90E-07
314	3.25E-04	8.63E-05	-3.00E-06	-9.60E-07	-5.87E-08
315	3.25E-04	8.89E-05	-3.55E-06	-5.34E-07	1.16E-07
316	2.21E-04	8.88E-05	-2.73E-06	7.47E-08	6.35E-07
317	2.20E-04	8.56E-05	-3.21E-06	-3.06E-07	7.83E-07
318	2.20E-04	9.81E-05	-7.72E-06	3.56E-07	6.63E-07
319	2.20E-04	8.63E-05	-1.43E-05	-6.85E-07	-2.37E-07
320	2.20E-04	8.88E-05	-5.68E-06	2.53E-08	-4.05E-07

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS ONE BRACE"

JOINT DISPLACEMENTS "U" AND ROTATIONS "R"
LOAD COMBINATION 1 (Gempa Arah Y)

JOINT	U(X)	U(Y)	U(Z)	R(X)	R(Y)
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	4.72E-06	1.15E-05	2.03E-09	-4.41E-06	1.62E-06
22	4.81E-06	1.44E-05	9.97E-07	-4.65E-06	1.30E-06
23	4.15E-06	1.30E-05	-1.63E-07	-5.06E-06	6.41E-07
24	5.20E-06	1.45E-05	3.37E-07	-4.67E-06	1.46E-06
25	5.07E-06	1.15E-05	-9.15E-08	-4.41E-06	1.23E-06
26	6.07E-06	1.16E-05	-5.71E-07	-4.19E-06	2.53E-06
27	6.17E-06	1.19E-05	-2.09E-06	-3.65E-06	2.04E-06
28	6.24E-06	1.31E-05	-1.29E-06	-4.70E-06	2.04E-06
29	6.30E-06	1.19E-05	-2.17E-06	-3.65E-06	2.04E-06
30	6.36E-06	1.16E-05	-6.70E-07	-4.19E-06	1.79E-06
31	6.25E-06	1.16E-05	-2.39E-07	-4.25E-06	2.16E-06
32	6.25E-06	1.19E-05	8.00E-07	-3.59E-06	2.04E-06
33	6.25E-06	1.31E-05	-5.63E-07	-4.83E-06	2.04E-06
34	6.23E-06	1.18E-05	7.16E-07	-3.58E-06	2.03E-06
35	6.19E-06	1.16E-05	-3.39E-07	-4.25E-06	2.16E-06
36	4.77E-06	1.16E-05	-5.20E-07	-4.24E-06	1.62E-06
37	4.92E-06	1.47E-05	-1.64E-06	-4.54E-06	1.37E-06
38	4.15E-06	1.31E-05	-1.06E-06	-4.72E-06	6.41E-07
39	5.09E-06	1.46E-05	-2.30E-06	-4.53E-06	1.39E-06
40	5.01E-06	1.16E-05	-6.13E-07	-4.24E-06	1.23E-06
41	1.02E-05	3.20E-05	1.37E-08	-6.12E-06	1.27E-06
42	1.01E-05	3.22E-05	1.71E-06	-4.87E-06	1.45E-06
43	9.22E-06	3.61E-05	-2.77E-07	-6.92E-06	8.89E-07
44	1.06E-05	3.24E-05	5.70E-07	-4.87E-06	1.13E-06
45	1.05E-05	3.20E-05	-1.52E-07	-6.12E-06	1.42E-06
46	1.60E-05	3.19E-05	-1.02E-06	-5.89E-06	2.97E-06
47	1.59E-05	2.89E-05	-3.68E-06	-4.39E-06	2.58E-06
48	1.59E-05	3.60E-05	-2.30E-06	-6.59E-06	2.56E-06
49	1.59E-05	2.89E-05	-3.84E-06	-4.39E-06	2.54E-06
50	1.59E-05	3.19E-05	-1.19E-06	-5.89E-06	2.40E-06
51	1.60E-05	3.19E-05	-4.24E-07	-5.93E-06	2.68E-06
52	1.59E-05	2.89E-05	1.39E-06	-4.35E-06	2.57E-06
53	1.59E-05	3.60E-05	-9.98E-07	-6.67E-06	2.56E-06
54	1.59E-05	2.88E-05	1.24E-06	-4.36E-06	2.55E-06
55	1.59E-05	3.19E-05	-6.00E-07	-5.93E-06	2.69E-06
56	1.03E-05	3.19E-05	-9.27E-07	-5.97E-06	1.51E-06
57	1.03E-05	3.25E-05	-2.87E-06	-4.73E-06	1.32E-06
58	9.22E-06	3.59E-05	-1.91E-06	-6.64E-06	8.89E-07

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS ONE BRACE"

JOINT DISPLACEMENTS "U" AND ROTATIONS "R"
LOAD COMBINATION 1 (Gempa Arah Y)

JOINT	U(X)	U(Y)	U(Z)	R(X)	R(Y)
59	1.03E-05	3.24E-05	-4.01E-06	-4.73E-06	1.26E-06
60	1.03E-05	3.19E-05	-1.09E-06	-5.97E-06	1.17E-06
61	1.54E-05	5.71E-05	2.19E-06	-6.92E-06	1.31E-06
62	1.53E-05	5.09E-05	2.30E-06	-5.05E-06	1.41E-06
63	1.45E-05	6.41E-05	-3.74E-07	-7.77E-06	8.88E-07
64	1.59E-05	5.10E-05	7.46E-07	-5.05E-06	1.19E-06
65	1.59E-05	5.71E-05	-2.11E-07	-6.93E-06	1.35E-06
66	2.69E-05	5.70E-05	-1.44E-06	-6.69E-06	3.10E-06
67	2.68E-05	4.76E-05	-5.12E-06	-4.61E-06	2.69E-06
68	2.68E-05	6.40E-05	-3.23E-06	-7.42E-06	2.69E-06
69	2.67E-05	4.76E-05	-5.35E-06	-4.60E-06	2.68E-06
70	2.67E-05	5.70E-05	-1.68E-06	-6.69E-06	2.53E-06
71	2.69E-05	5.70E-05	-5.94E-07	-6.74E-06	2.81E-06
72	2.68E-05	4.75E-05	1.90E-06	-4.57E-06	2.69E-06
73	2.68E-05	6.39E-05	-1.40E-06	-7.51E-06	2.69E-06
74	2.67E-05	4.75E-05	1.68E-06	-4.58E-06	2.68E-06
75	2.67E-05	5.70E-05	-8.37E-07	-6.74E-06	2.82E-06
76	1.57E-05	5.69E-05	-1.30E-06	-6.79E-06	1.50E-06
77	1.57E-05	5.11E-05	-3.97E-06	-4.91E-06	1.32E-06
78	1.45E-05	6.39E-05	-2.71E-06	-7.50E-06	8.88E-07
79	1.55E-05	5.09E-05	-5.52E-06	-4.91E-06	1.29E-06
80	1.56E-05	5.69E-05	-1.54E-06	-6.79E-06	1.16E-06
81	2.06E-05	6.41E-05	2.49E-08	-7.21E-06	1.31E-06
82	2.05E-05	6.99E-05	2.76E-06	-5.12E-06	1.39E-06
83	1.98E-05	9.42E-05	-4.60E-07	-8.04E-06	9.10E-07
84	2.12E-05	7.01E-05	8.69E-07	-5.12E-06	1.18E-06
85	2.12E-05	8.41E-05	-2.70E-07	-7.21E-06	1.32E-06
86	3.79E-05	8.41E-05	-1.83E-06	-6.98E-06	3.05E-06
87	3.78E-05	6.67E-05	-6.41E-06	-4.70E-06	2.67E-06
88	3.78E-05	9.40E-05	-4.10E-06	-7.69E-06	2.65E-06
89	3.77E-05	6.68E-05	-6.70E-06	-4.69E-06	2.64E-06
90	3.77E-05	8.41E-05	-2.13E-06	-6.98E-06	2.49E-06
91	3.79E-05	8.40E-05	-7.48E-07	-7.02E-06	2.76E-06
92	3.78E-05	6.67E-05	2.33E-06	-4.65E-06	2.66E-06
93	3.78E-05	9.39E-05	-1.76E-06	-7.78E-06	2.65E-06
94	3.77E-05	6.67E-05	2.04E-06	-4.66E-06	2.64E-06
95	3.77E-05	8.40E-05	-1.05E-06	-7.02E-06	2.78E-06
96	2.10E-05	8.40E-05	-1.65E-06	-7.08E-06	1.48E-06
97	2.09E-05	7.01E-05	-4.94E-06	-4.99E-06	1.30E-06
98	1.98E-05	9.39E-05	-3.45E-06	-7.77E-06	9.10E-07
99	2.09E-05	7.00E-05	-6.84E-06	-4.99E-06	1.27E-06
100	2.08E-05	8.40E-05	-1.94E-06	-7.08E-06	1.16E-06
101	2.58E-05	1.12E-04	2.23E-08	-7.24E-06	1.23E-06
102	2.58E-05	8.93E-05	3.12E-06	-5.29E-06	1.52E-06
103	2.51E-05	1.25E-04	-5.40E-07	-8.06E-06	7.98E-07
104	2.64E-05	8.95E-05	9.42E-07	-5.29E-06	1.08E-06
105	2.65E-05	1.12E-04	-3.29E-07	-7.24E-06	1.43E-06
106	4.86E-05	1.12E-04	-2.20E-06	-6.95E-06	3.04E-06
107	4.85E-05	8.62E-05	-7.54E-06	-4.76E-06	2.54E-06
108	4.84E-05	1.24E-04	-4.90E-06	-7.62E-06	2.53E-06
109	4.84E-05	8.62E-05	-7.89E-06	-4.74E-06	2.51E-06
110	4.83E-05	1.12E-04	-2.55E-06	-6.95E-06	2.31E-06
111	4.86E-05	1.12E-04	-8.86E-07	-7.01E-06	2.66E-06
112	4.85E-05	8.61E-05	2.69E-06	-4.69E-06	2.54E-06
113	4.84E-05	1.24E-04	-2.08E-06	-7.73E-06	2.53E-06
114	4.84E-05	8.61E-05	2.34E-06	-4.71E-06	2.52E-06
115	4.84E-05	1.12E-04	-1.24E-06	-7.01E-06	2.69E-06
116	2.63E-05	1.12E-04	-1.96E-06	-7.06E-06	1.56E-06

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS ONE BRACE"

JOINT DISPLACEMENTS "U" AND ROTATIONS "R"
LOAD COMBINATION 1 (Gempa Arah Y)

JOINT	U(X)	U(Y)	U(Z)	R(X)	R(Y)
117	2.62E-05	8.94E-05	-5.79E-06	-5.11E-06	1.32E-06
118	2.51E-05	1.24E-04	-4.14E-06	-7.70E-06	7.98E-07
119	2.60E-05	8.92E-05	-7.97E-06	-5.11E-06	1.28E-06
120	2.60E-05	1.12E-04	-2.31E-06	-7.06E-06	1.11E-06
121	3.15E-05	1.39E-04	7.58E-09	-7.00E-06	1.73E-06
122	3.14E-05	1.10E-04	3.57E-06	-5.55E-06	1.16E-06
123	3.08E-05	1.55E-04	-6.71E-07	-7.80E-06	5.89E-07
124	3.21E-05	1.10E-04	9.95E-07	-5.55E-06	1.44E-06
125	3.21E-05	1.39E-04	-4.34E-07	-7.00E-06	9.50E-07
126	5.90E-05	1.39E-04	-2.71E-06	-6.62E-06	2.98E-06
127	5.89E-05	1.07E-04	-9.04E-06	-4.81E-06	2.32E-06
128	5.89E-05	1.55E-04	-6.01E-06	-7.21E-06	2.31E-06
129	5.88E-05	1.07E-04	-9.48E-06	-4.78E-06	2.29E-06
130	5.88E-05	1.39E-04	-3.12E-06	-6.62E-06	1.99E-06
131	5.91E-05	1.39E-04	-1.07E-06	-6.71E-06	2.45E-06
132	5.90E-05	1.07E-04	3.11E-06	-4.72E-06	2.32E-06
133	5.89E-05	1.55E-04	-2.52E-06	-7.37E-06	2.31E-06
134	5.88E-05	1.07E-04	2.67E-06	-4.75E-06	2.29E-06
135	5.88E-05	1.39E-04	-1.48E-06	-6.71E-06	2.52E-06
136	3.19E-05	1.39E-04	-2.45E-06	-6.73E-06	1.69E-06
137	3.19E-05	1.10E-04	-7.08E-06	-5.28E-06	1.33E-06
138	3.08E-05	1.55E-04	-5.23E-06	-7.25E-06	5.89E-07
139	3.16E-05	1.10E-04	-9.66E-06	-5.28E-06	1.26E-06
140	3.16E-05	1.39E-04	-2.89E-06	-6.73E-06	9.88E-07
141	3.70E-05	1.66E-04	1.66E-09	-6.51E-06	1.13E-06
142	3.68E-05	1.31E-04	3.88E-06	-5.45E-06	1.53E-06
143	3.63E-05	1.84E-04	-7.95E-07	-7.23E-06	6.19E-07
144	3.76E-05	1.31E-04	9.99E-07	-5.44E-06	9.33E-07
145	3.75E-05	1.66E-04	-5.20E-07	-6.51E-06	1.42E-06
146	6.86E-05	1.65E-04	-3.19E-06	-6.15E-06	2.70E-06
147	6.84E-05	1.28E-04	-1.03E-05	-4.75E-06	2.09E-06
148	6.83E-05	1.83E-04	-7.01E-06	-6.67E-06	2.07E-06
149	6.83E-05	1.28E-04	-1.08E-05	-4.72E-06	2.04E-06
150	6.83E-05	1.65E-04	-3.64E-06	-6.15E-06	1.73E-06
151	6.86E-05	1.65E-04	-1.23E-06	-6.23E-06	2.18E-06
152	6.84E-05	1.28E-04	3.44E-06	-4.66E-06	2.08E-06
153	6.83E-05	1.83E-04	-2.90E-06	-6.82E-06	2.07E-06
154	6.83E-05	1.28E-04	2.91E-06	-4.69E-06	2.05E-06
155	6.83E-05	1.65E-04	-1.69E-06	-6.23E-06	2.25E-06
156	3.75E-05	1.65E-04	-2.89E-06	-6.24E-06	1.61E-06
157	3.74E-05	1.31E-04	-8.18E-06	-5.19E-06	1.28E-06
158	3.63E-05	1.83E-04	-6.21E-06	-6.70E-06	6.20E-07
159	3.70E-05	1.30E-04	-1.11E-05	-5.19E-06	1.19E-06
160	3.70E-05	1.65E-04	-3.41E-06	-6.24E-06	9.33E-07
161	4.21E-05	1.89E-04	-1.17E-08	-5.89E-06	1.17E-06
162	4.20E-05	1.51E-04	4.05E-06	-5.29E-06	1.38E-06
163	4.18E-05	2.10E-04	-9.13E-07	-6.54E-06	5.91E-07
164	4.28E-05	1.51E-04	9.47E-07	-5.28E-06	9.58E-07
165	4.28E-05	1.89E-04	-6.04E-07	-5.89E-06	1.24E-06
166	7.89E-05	1.89E-04	-3.62E-06	-5.55E-06	2.40E-06
167	7.68E-05	1.48E-04	-1.14E-05	-4.62E-06	1.80E-06
168	7.67E-05	2.09E-04	-7.91E-06	-5.99E-06	1.78E-06
169	7.66E-05	1.48E-04	-1.20E-05	-4.59E-06	1.76E-06
170	7.66E-05	1.89E-04	-4.11E-06	-5.55E-06	1.42E-06
171	7.69E-05	1.89E-04	-1.37E-06	-5.63E-06	1.87E-06
172	7.68E-05	1.48E-04	3.67E-06	-4.53E-06	1.80E-06
173	7.67E-05	2.09E-04	-3.22E-06	-6.14E-06	1.78E-06
174	7.68E-05	1.48E-04	3.08E-06	-4.57E-06	1.76E-06

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS ONE BRACE"

JOINT DISPLACEMENTS "U" AND ROTATIONS "R"
LOAD COMBINATION 1 (Gempa Arah Y)

JOINT	U(X)	U(Y)	U(Z)	R(X)	R(Y)
175	7.66E-05	1.89E-04	-1.87E-06	-5.63E-06	1.95E-06
176	4.27E-05	1.89E-04	-3.27E-06	-5.63E-06	1.55E-06
177	4.26E-05	1.51E-04	-9.09E-06	-5.02E-06	1.21E-06
178	4.16E-05	2.09E-04	-7.08E-06	-6.01E-06	5.91E-07
179	4.22E-05	1.50E-04	-1.22E-05	-5.03E-06	1.12E-06
180	4.22E-05	1.89E-04	-3.86E-06	-5.63E-06	8.54E-07
181	4.70E-05	2.11E-04	-3.01E-08	-5.17E-06	1.11E-06
182	4.69E-05	1.70E-04	4.10E-06	-5.05E-06	1.29E-06
183	4.65E-05	2.33E-04	-1.02E-06	-5.72E-06	5.98E-07
184	4.77E-05	1.70E-04	8.53E-07	-5.04E-06	8.82E-07
185	4.77E-05	2.11E-04	-6.84E-07	-5.17E-06	1.13E-06
186	8.39E-05	2.10E-04	-4.01E-06	-4.86E-06	2.03E-06
187	8.38E-05	1.68E-04	-1.23E-05	-4.45E-06	1.49E-06
188	8.37E-05	2.32E-04	-8.71E-06	-5.21E-06	1.45E-06
189	8.36E-05	1.68E-04	-1.30E-05	-4.41E-06	1.41E-06
190	8.36E-05	2.10E-04	-4.53E-06	-4.86E-06	1.08E-06
191	8.40E-05	2.10E-04	-1.48E-06	-4.93E-06	1.51E-06
192	8.38E-05	1.67E-04	3.82E-06	-4.36E-06	1.47E-06
193	8.37E-05	2.32E-04	-3.49E-06	-5.35E-06	1.45E-06
194	8.36E-05	1.67E-04	3.17E-06	-4.40E-06	1.43E-06
195	8.36E-05	2.10E-04	-2.01E-06	-4.93E-06	1.60E-06
196	4.76E-05	2.10E-04	-3.60E-06	-4.91E-06	1.45E-06
197	4.75E-05	1.70E-04	-9.83E-06	-4.78E-06	1.14E-06
198	4.65E-05	2.32E-04	-7.84E-06	-5.21E-06	5.98E-07
199	4.71E-05	1.69E-04	-1.31E-05	-4.80E-06	1.04E-06
200	4.71E-05	2.10E-04	-4.25E-06	-4.91E-06	7.93E-07
201	5.17E-05	2.29E-04	-5.09E-08	-4.47E-06	9.56E-07
202	5.16E-05	1.88E-04	4.06E-06	-5.02E-06	1.14E-06
203	5.12E-05	2.52E-04	-1.13E-06	-4.99E-06	4.23E-07
204	5.22E-05	1.89E-04	7.29E-07	-5.00E-06	6.60E-07
205	5.23E-05	2.29E-04	-7.58E-07	-4.47E-06	1.24E-06
206	8.95E-05	2.29E-04	-4.35E-06	-4.04E-06	1.79E-06
207	8.93E-05	1.86E-04	-1.31E-05	-4.17E-06	1.11E-06
208	8.92E-05	2.52E-04	-9.40E-06	-4.30E-06	1.09E-06
209	8.91E-05	1.86E-04	-1.38E-05	-4.12E-06	1.05E-06
210	8.90E-05	2.29E-04	-4.89E-06	-4.04E-06	5.50E-07
211	8.95E-05	2.29E-04	-1.57E-06	-4.14E-06	1.12E-06
212	8.93E-05	1.86E-04	3.91E-06	-4.03E-06	1.09E-06
213	8.92E-05	2.52E-04	-3.71E-06	-4.49E-06	1.08E-06
214	8.91E-05	1.86E-04	3.21E-06	-4.08E-06	1.07E-06
215	8.90E-05	2.29E-04	-2.12E-06	-4.14E-06	1.22E-06
216	5.22E-05	2.29E-04	-3.88E-06	-4.14E-06	1.52E-06
217	5.21E-05	1.88E-04	-1.04E-05	-4.86E-06	1.08E-06
218	5.12E-05	2.52E-04	-6.48E-06	-4.33E-06	4.23E-07
219	5.17E-05	1.88E-04	-1.38E-05	-4.68E-06	1.02E-06
220	5.17E-05	2.29E-04	-4.59E-06	-4.14E-06	6.78E-07
221	5.62E-05	2.43E-04	-8.44E-08	-2.88E-06	1.01E-06
222	5.61E-05	2.07E-04	3.87E-06	-4.88E-06	3.59E-07
223	5.59E-05	2.68E-04	-1.29E-06	-3.47E-06	1.69E-07
224	5.67E-05	2.07E-04	4.88E-07	-4.87E-06	8.97E-07
225	5.67E-05	2.43E-04	-8.65E-07	-2.87E-06	1.69E-07
226	9.29E-05	2.43E-04	-4.88E-06	-2.63E-06	1.54E-06
227	9.29E-05	2.05E-04	-1.41E-05	-4.05E-06	4.51E-07
228	9.28E-05	2.68E-04	-1.05E-05	-2.92E-06	4.03E-07
229	9.28E-05	2.05E-04	-1.49E-05	-3.98E-06	2.92E-07
230	9.28E-05	2.43E-04	-5.45E-06	-2.62E-06	-5.63E-07
231	9.29E-05	2.43E-04	-1.68E-06	-2.75E-06	2.13E-07
232	9.29E-05	2.05E-04	3.98E-06	-3.86E-06	4.62E-07

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS ONE BRACE"

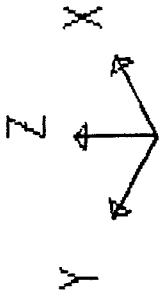
JOINT DISPLACEMENTS "U" AND ROTATIONS "R"
LOAD COMBINATION 1 (Gempa Arah Y)

JOINT	U(X)	U(Y)	U(Z)	R(X)	R(Y)
233	9.28E-05	2.67E-04	-4.00E-06	-3.15E-06	4.02E-07
234	9.28E-05	2.05E-04	3.20E-06	-3.93E-06	2.81E-07
235	9.28E-05	2.43E-04	-2.26E-06	-2.75E-06	7.62E-07
236	5.66E-05	2.43E-04	-4.26E-06	-2.42E-06	1.37E-06
237	5.66E-05	2.07E-04	-1.11E-05	-4.40E-06	8.87E-07
238	5.59E-05	2.67E-04	-9.35E-06	-2.57E-06	1.69E-07
239	5.63E-05	2.06E-04	-1.45E-05	-4.41E-06	3.68E-07
240	5.63E-05	2.43E-04	-5.04E-06	-2.42E-06	-1.90E-07
241	5.97E-05	2.54E-04	-1.07E-07	-2.36E-06	2.39E-07
242	5.97E-05	2.24E-04	3.85E-06	-4.28E-06	8.66E-07
243	5.96E-05	2.80E-04	-1.43E-06	-3.01E-06	2.25E-07
244	6.03E-05	2.24E-04	2.65E-07	-4.26E-06	1.41E-07
245	6.03E-05	2.54E-04	-9.38E-07	-2.36E-06	7.57E-07
246	9.50E-05	2.54E-04	-5.30E-06	-2.04E-06	1.36E-06
247	9.50E-05	2.22E-04	-1.49E-05	-3.56E-06	3.72E-07
248	9.49E-05	2.80E-04	-1.13E-05	-2.35E-06	2.91E-07
249	9.49E-05	2.22E-04	-1.57E-05	-3.50E-06	1.63E-07
250	9.49E-05	2.54E-04	-5.89E-06	-2.03E-06	-6.74E-07
251	9.50E-05	2.54E-04	-1.78E-06	-2.16E-06	1.27E-07
252	9.50E-05	2.22E-04	3.96E-06	-3.40E-06	3.53E-07
253	9.49E-05	2.79E-04	-4.25E-06	-2.60E-06	2.91E-07
254	9.49E-05	2.22E-04	3.12E-06	-3.47E-06	1.82E-07
255	9.49E-05	2.54E-04	-2.38E-06	-2.16E-06	5.56E-07
256	6.02E-05	2.54E-04	-4.55E-06	-1.90E-06	1.25E-06
257	6.02E-05	2.23E-04	-1.16E-05	-3.82E-06	7.54E-07
258	5.96E-05	2.79E-04	-1.00E-05	-2.10E-06	2.25E-07
259	5.96E-05	2.23E-04	-1.50E-05	-3.84E-06	2.53E-07
260	5.98E-05	2.54E-04	-5.38E-06	-1.91E-06	-2.50E-07
261	6.26E-05	2.62E-04	-1.36E-07	-1.93E-06	2.32E-07
262	6.25E-05	2.38E-04	3.42E-06	-3.68E-06	6.45E-07
263	6.25E-05	2.90E-04	-1.56E-06	-2.56E-06	1.97E-07
264	6.31E-05	2.38E-04	6.22E-08	-3.66E-06	1.10E-07
265	6.31E-05	2.62E-04	-1.00E-06	-1.92E-06	4.90E-07
266	9.65E-05	2.82E-04	-5.60E-06	-1.59E-06	1.28E-06
267	9.65E-05	2.37E-04	-1.54E-05	-3.09E-06	2.85E-07
268	9.64E-05	2.90E-04	-1.19E-05	-1.09E-06	2.06E-07
269	9.64E-05	2.37E-04	-1.62E-05	-3.02E-06	7.90E-08
270	9.64E-05	2.62E-04	-6.20E-06	-1.58E-06	-8.17E-07
271	9.65E-05	2.62E-04	-1.87E-06	-1.72E-06	-8.16E-10
272	9.65E-05	2.37E-04	3.89E-06	-2.93E-06	2.77E-07
273	9.64E-05	2.89E-04	-4.44E-06	-2.15E-06	2.06E-07
274	9.64E-05	2.37E-04	3.00E-06	-3.00E-06	8.66E-08
275	9.64E-05	2.62E-04	-2.47E-06	-1.73E-06	4.60E-07
276	6.31E-05	2.62E-04	-4.75E-06	-1.45E-06	1.11E-06
277	6.30E-05	2.38E-04	-1.20E-05	-3.22E-06	6.35E-07
278	6.25E-05	2.89E-04	-1.05E-05	-1.63E-06	1.96E-07
279	6.26E-05	2.37E-04	-1.53E-05	-3.24E-06	1.20E-07
280	6.26E-05	2.62E-04	-5.61E-06	-1.46E-06	-3.92E-07
281	6.46E-05	2.69E-04	-1.65E-07	-1.39E-06	1.49E-07
282	6.46E-05	2.50E-04	3.25E-06	-3.04E-06	5.37E-07
283	6.46E-05	2.98E-04	-1.65E-06	-1.92E-06	1.80E-07
284	6.51E-05	2.50E-04	-8.61E-08	-2.98E-06	-4.71E-08
285	6.51E-05	2.69E-04	-1.05E-06	-1.38E-06	3.06E-07
286	9.74E-05	2.69E-04	-5.80E-06	-1.13E-06	1.03E-06
287	9.73E-05	2.50E-04	-1.57E-05	-2.64E-06	2.20E-07
288	9.73E-05	2.98E-04	-1.23E-05	-1.40E-06	1.03E-07
289	9.73E-05	2.50E-04	-1.66E-05	-2.57E-06	-5.32E-08
290	9.73E-05	2.69E-04	-6.40E-06	-1.13E-06	-8.41E-07

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS ONE BRACE"

JOINT DISPLACEMENTS "U" AND ROTATIONS "R"
LOAD COMBINATION 1 (Gempa Arah Y)

JOINT	U(X)	U(Y)	U(Z)	R(X)	R(Y)
291	9.74E-05	2.69E-04	-1.93E-06	-1.21E-06	-9.70E-08
292	9.73E-05	2.49E-04	3.80E-06	-2.47E-06	1.58E-07
293	9.73E-05	2.97E-04	-4.57E-06	-1.57E-06	1.03E-07
294	9.73E-05	2.49E-04	2.89E-06	-2.54E-06	7.40E-09
295	9.72E-05	2.68E-04	-2.54E-06	-1.22E-06	2.81E-07
296	6.51E-05	2.68E-04	-4.88E-06	-1.01E-06	9.60E-07
297	6.50E-05	2.49E-04	-1.21E-05	-2.58E-06	4.69E-07
298	6.46E-05	2.97E-04	-1.09E-05	-1.18E-06	1.80E-07
299	6.46E-05	2.49E-04	-1.55E-05	-2.64E-06	2.10E-08
300	6.47E-05	2.68E-04	-5.75E-06	-1.02E-06	-5.02E-07
301	6.62E-05	2.73E-04	-1.82E-07	-1.35E-06	-1.92E-07
302	6.61E-05	2.60E-04	3.18E-06	-3.03E-06	5.67E-07
303	6.60E-05	3.03E-04	-1.71E-06	-2.19E-06	1.99E-07
304	6.59E-05	2.60E-04	-1.48E-07	-2.92E-06	-4.03E-07
305	6.59E-05	2.73E-04	-1.07E-06	-1.33E-06	2.62E-07
306	9.77E-05	2.73E-04	-5.89E-06	-6.07E-07	1.69E-06
307	9.76E-05	2.60E-04	-1.58E-05	-2.12E-06	1.26E-07
308	9.75E-05	3.03E-04	-1.25E-05	-7.15E-07	5.73E-08
309	9.74E-05	2.59E-04	-1.67E-05	-1.96E-06	-7.53E-08
310	9.73E-05	2.73E-04	-6.50E-06	-5.95E-07	-1.70E-06
311	9.75E-05	2.72E-04	-1.96E-06	-9.02E-07	-4.45E-07
312	9.75E-05	2.59E-04	3.74E-06	-1.74E-06	2.03E-07
313	9.75E-05	3.02E-04	-4.64E-06	-1.36E-06	5.69E-08
314	9.75E-05	2.59E-04	2.82E-06	-1.90E-06	-1.53E-07
315	9.75E-05	2.72E-04	-2.57E-06	-9.14E-07	4.42E-07
316	6.63E-05	2.72E-04	-4.93E-06	-3.58E-07	8.42E-07
317	6.63E-05	2.59E-04	-1.22E-05	-1.90E-06	7.88E-07
318	6.60E-05	3.02E-04	-1.10E-05	-2.71E-07	1.99E-07
319	6.58E-05	2.59E-04	-1.55E-05	-2.02E-06	-6.24E-07
320	6.58E-05	2.72E-04	-5.81E-06	-3.73E-07	-7.73E-07



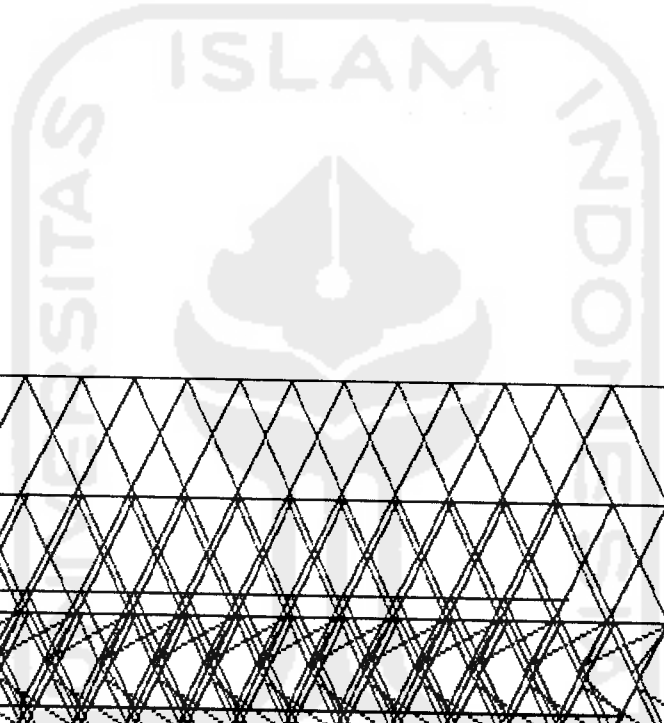
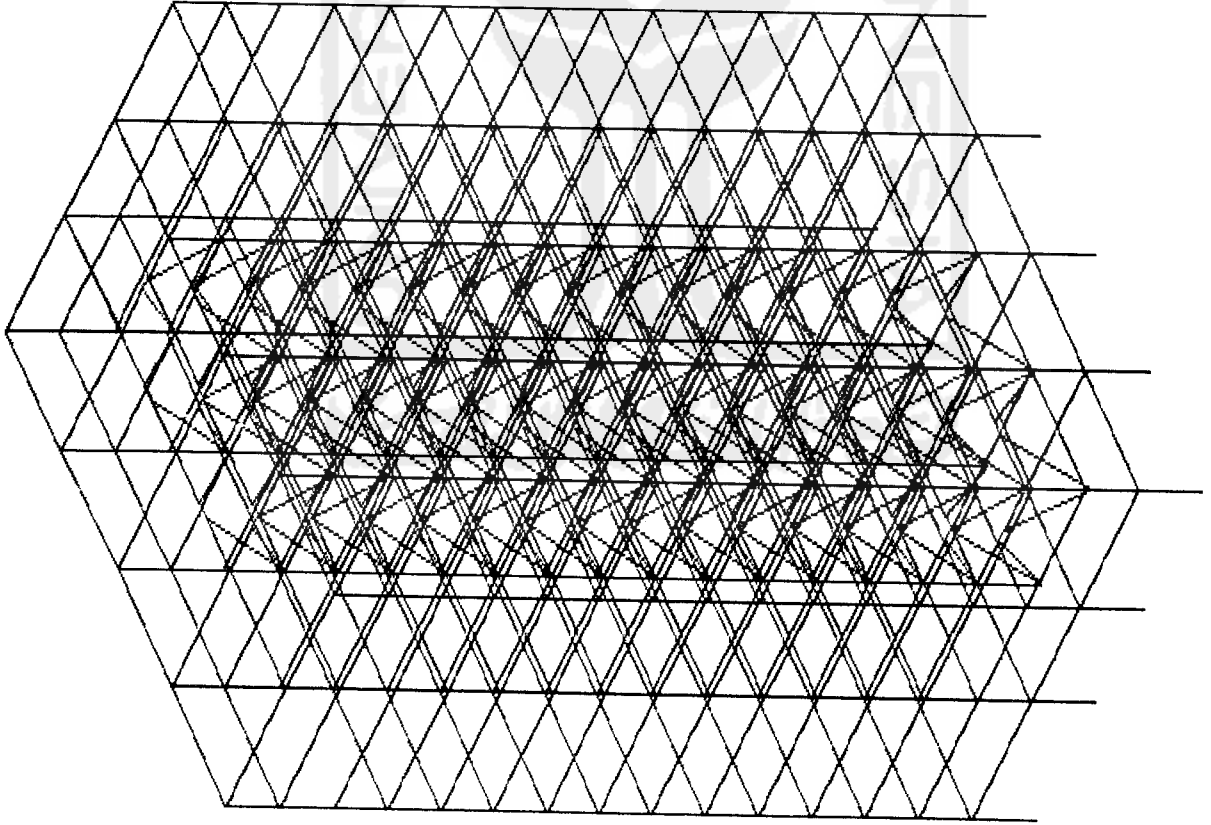
hr-2

UNDEFORMED
SHAPE

OPTIONS

WIRE FRAME

SAP90



C DESAIN STRUKTUR BAJA "SYSTEM BRACING EKSENTRIS TWO BRAC"
 C PADA STRUKTUR BANGUNAN TAHAN GEMPA
 C PORTAL 3D SATUAN :TON-METER
 SYSTEM
 L=19

RESTRAINTS

1 20 1 R=1,1,1,1,1,1 :JEPIT
 21 320 1 R=0,0,0,0,0,1 :JOINT GLOBAL
 321 530 1 R=0,0,0,0,0,1

JOINTS

1	X=0	Y=0	Z=0	
5	X=32			G=1,5,1
6	X=0	Y=8		
10	X=32			G=6,10,1
11	X=0	Y=14.5		
15	X=32			G=11,15,1
16	X=0	Y=22.5		
20	X=32			G=16,20,1
21	X=0	Y=0	Z=4.5	
301			Z=57	G=21,301,20
22	X=8		Z=4.5	
302			Z=57	G=22,302,20
23	X=16		Z=4.5	
303			Z=57	G=23,303,20
24	X=24		Z=4.5	
304			Z=57	G=24,304,20
25	X=32		Z=4.5	
305			Z=57	G=25,305,20
26	X=0	Y=8	Z=4.5	
306			Z=57	G=26,306,20
27	X=8		Z=4.5	
307			Z=57	G=27,307,20
28	X=16		Z=4.5	
308			Z=57	G=28,308,20
29	X=24		Z=4.5	
309			Z=57	G=29,309,20
30	X=32		Z=4.5	
310			Z=57	G=30,310,20
31	X=0	Y=14.5	Z=4.5	
311			Z=57	G=31,311,20
32	X=8		Z=4.5	
312			Z=57	G=32,312,20
33	X=16		Z=4.5	
313			Z=57	G=33,313,20
34	X=24		Z=4.5	
314			Z=57	G=34,314,20
35	X=32		Z=4.5	
315			Z=57	G=35,315,20
36	X=0	Y=22.5	Z=4.5	
316			Z=57	G=36,316,20
37	X=8		Z=4.5	
317			Z=57	G=37,317,20
38	X=16		Z=4.5	
318			Z=57	G=38,318,20
39	X=24		Z=4.5	
319			Z=57	G=39,319,20
40	X=32		Z=4.5	
320			Z=57	G=40,320,20
321	X=11.50	Y=8	Z=4.5	
517			Z=57	G=321,517,14
322	X=12.50		Z=4.5	
518			Z=57	G=322,518,14
323	X=19.50		Z=4.5	
519			Z=57	G=323,519,14
324	X=20.50		Z=4.5	
520			Z=57	G=324,520,14
325	X=8	Y=10.925	Z=4.5	
521			Z=57	G=325,521,14

326	X=16	Z=4.5	
522		Z=57	G=326, 522, 14
327	X=24	Z=4.5	
523		Z=57	G=327, 523, 14
328	X=8	Y=11.575	Z=4.5
524		Z=57	G=328, 524, 14
329	X=16	Z=4.5	
525		Z=57	G=329, 525, 14
330	X=24	Z=4.5	
526		Z=57	G=330, 526, 14
331	X=11.5	Y=14.5	Z=4.5
527		Z=57	G=331, 527, 14
332	X=12.5	Z=4.5	
528		Z=57	G=332, 528, 14
333	X=19.50	Z=4.5	
529		Z=57	G=333, 529, 14
334	X=20.50	Z=4.5	
530		Z=57	G=334, 530, 14

FRAME

NM=15 NL=49 Z=-1,0 NSEC=11

C -----DATA PENAMPANG-----

1	SH=I	T=0.3503,0.2039,0.0151,0.00860,0.2039,0.0151	E=2.1E10	W=0.0066	:B.8M	L1-5	(W14X48)
2	SH=I	T=0.3503,0.2039,0.0151,0.00860,0.2039,0.0151	E=2.1E10	W=0.0066	:B.6,5M	L1-5	(W14X48)
3	SH=I	T=0.3503,0.2039,0.0151,0.00860,0.2039,0.0151	E=2.1E10	W=0.0066	:B.8M	L6-10	(W14X48)
4	SH=I	T=0.3503,0.2039,0.0151,0.00860,0.2039,0.0151	E=2.1E10	W=0.0066	:B.6,5M	L6-10	(W14X48)
5	SH=I	T=0.3515,0.1709,0.0978,0.00685,0.1709,0.0978	E=2.1E10	W=0.0041	:B.8M	L11-15	(W14X30)
6	SH=I	T=0.3533,0.1276,0.0107,0.00648,0.1276,0.0107	E=2.1E10	W=0.0036	:B.6.5M	L11-15	(W14X26)
7	SH=I	T=0.4074,0.4036,0.0436,0.02717,0.4036,0.0436	E=2.1E10	W=0.0321	:K.TP	L1-5	(W14X233)
8	SH=I	T=0.5141,0.4368,0.0970,0.06045,0.4368,0.0970	E=2.1E10	W=0.0754	:K.TG	L1-5	(W14X550)
9	SH=I	T=0.3754,0.3937,0.0276,0.01727,0.3937,0.0276	E=2.1E10	W=0.0199	:K.TP	L6-10	(W14X145)
10	SH=I	T=0.4348,0.4122,0.0574,0.03581,0.4122,0.0574	E=2.1E10	W=0.0429	:K.TG	L6-10	(W14X311)
11	SH=I	T=0.3678,0.3726,0.0262,0.01499,0.3726,0.0262	E=2.1E10	W=0.0165	:K.TP	L11-15	(W14X120)
12	SH=I	T=0.3805,0.3954,0.0302,0.01915,0.3954,0.0302	E=2.1E10	W=0.0219	:K.TG	L11-15	(W14X159)
13	SH=I	T=0.2103,0.1338,0.0101,0.00635,0.1338,0.0101	E=2.1E10	W=0.0029	:BRC	L1-5	(W8X21)
14	SH=I	T=0.2067,0.1333,0.0084,0.00584,0.1333,0.0084	E=2.1E10	W=0.0025	:BRC	L6-10	(W8X18)
15	SH=I	T=0.2059,0.1019,0.0080,0.00622,0.1019,0.0080	E=2.1E10	W=0.0021	:BRC	L11-15	(W8X15)

C -----BERAN ELEMEN-----

1	TRAP=0,0,0,4,-0.600,0,7.99,0,0	:B.HD.P.MELINTANG/MEMBUJUR TEPI BALOK ATAP
2	TRAP=0,0,0,4,-1.512,0,7.99,0,0	:B.MT.P.MELINTANG/MEMBUJUR TEPI BALOK ATAP
3	TRAP=0,0,0,4,-1.000,0,7.99,0,0	:B.HD.P.MELINTANG/MEMBUJUR TEPI BALOK LANTAI
4	TRAP=0,0,0,4,-2.064,0,7.99,0,0	:B.MT.P.MELINTANG/MEMBUJUR TEPI BALOK LANTAI
5	TRAP=0,0,0,3.25,-0.4875,0,6.49,0,0	:B.HD.P.MELINTANG TENGAH BALOK ATAP
6	TRAP=0,0,0,3.25,-1.2285,0,6.49,0,0	:B.MT.P.MELINTANG TENGAH BALOK ATAP
7	TRAP=0,0,0,3.25,-0.8125,0,6.49,0,0	:B.HD.P.MELINTANG TENGAH BALOK LANTAI
8	TRAP=0,0,0,3.25,-1.6770,0,6.49,0,0	:B.MT.P.MELINTANG TENGAH BALOK LANTAI
9	TRAP=0,0,0,3.25,-0.4875,0,4.75,-0.4875,0,7.99,0,0	:B.HD.P.MEMBUJUR TGH BALOK ATAP
10	TRAP=0,0,0,3.25,-1.2285,0,4.75,-1.2285,0,7.99,0,0	:B.MT.P.MEMBUJUR TGH BALOK ATAP
11	TRAP=0,0,0,3.25,-0.8125,0,4.75,-0.8125,0,7.99,0,0	:B.HD.P.MEMBUJUR TGH BALOK LANTAI
12	TRAP=0,0,0,3.25,-1.6770,0,4.75,-1.6770,0,7.99,0,0	:B.MT.P.MEMBUJUR TGH BALOK LANTAI
13	WL=0,0.9375,0	:B.MT.DINDING
14	TRAP=0,0,0,3.49,-0.5250,0	:B.HD.P.8M SGT ATAP KIRI
15	TRAP=0,0,0,3.49,-1.3230,0	:B.MT.P.8M SGT ATAP KIRI
16	TRAP=0,0,0,3.49,-0.8750,0	:B.HD.P.8M SGT LANTAI KIRI
17	TRAP=0,0,0,3.49,-1.8060,0	:B.MT.P.8M SGT LANTAI KIRI
18	TRAP=0,-0.5250,0,0.49,-0.3200,0,0.99,-0.5250,0	:B.HD.P.8M SGT ATAP TGH
19	TRAP=0,-1.3230,0,0.49,-0.3200,0,0.99,-1.3230,0	:B.MT.P.8M SGT ATAP TGH
20	TRAP=0,-0.8750,0,0.49,-0.3200,0,0.99,-0.8750,0	:B.HD.P.8M SGT LANTAI TGH
21	TRAP=0,-1.8060,0,0.49,-0.3200,0,0.99,-1.8060,0	:B.MT.P.8M SGT LANTAI TGH
22	TRAP=0,-0.5250,0,3.49,0,0	:B.HD.P.8M SGT ATAP KANAN
23	TRAP=0,-1.3230,0,3.49,0,0	:B.HD.P.8M SGT ATAP KANAN
24	TRAP=0,-0.8750,0,3.49,0,0	:B.HD.P.8M SGT LANTAI KANAN
25	TRAP=0,-1.8060,0,3.49,0,0	:B.HD.P.8M SGT LANTAI KANAN
26	TRAP=0,0,0,2.9249,-0.43875,0	:B.HD.P.6.5M SGT ATAP KIRI
27	TRAP=0,0,0,2.9249,-1.10565,0	:B.MT.P.6.5M SGT ATAP KIRI
28	TRAP=0,0,0,2.9249,-0.73125,0	:B.HD.P.6.5M SGT LANTAI KIRI
29	TRAP=0,0,0,2.9249,-1.50930,0	:B.MT.P.6.5M SGT LANTAI KIRI
30	TRAP=0,-0.43875,0,0.3249,-0.4675,0,0.649,-0.43875,0	:B.HD.P.6.5M SGT ATAP TGH
31	TRAP=0,-1.10565,0,0.3249,-1.2285,0,0.649,-1.10565,0	:B.MT.P.6.5M SGT ATAP TGH
32	TRAP=0,-0.73125,0,0.3249,-0.8125,0,0.649,-0.73125,0	:B.HD.P.6.5M SGT LANTAI TGH

33 TRAP=0,-1.50930,0,0.3249,-1.6770,0,0.649,-1.50930,0 :B.MT.P.6.5M SGT LANTAI TGH
 34 TRAP=0,-0.43875,0,2.9249,0,0 :B.HD.P.6.5M SGT ATAP KANAN
 35 TRAP=0,-1.10565,0,2.9249,0,0 :B.MT.P.6.5M SGT ATAP KANAN
 36 TRAP=0,-0.73125,0,2.9249,0,0 :B.HD.P.6.5M SGT LANTAI KANAN
 37 TRAP=0,-1.50930,0,2.9249,0,0 :B.MT.P.6.5M SGT LANTAI KANAN
 38 TRAP=0,0,0,3.249,-0.4875,0,3.49,-0.48750,0 :B.HD.P.8M ATAP KIRI
 39 TRAP=0,0,0,3.249,-1.2285,0,3.49,-1.22850,0 :B.MT.P.8M ATAP KIRI
 40 TRAP=0,0,0,3.249,-0.8125,0,3.49,-0.81250,0 :B.HD.P.8M LANTAI KIRI
 41 TRAP=0,0,0,3.249,-1.6770,0,3.49,-1.67700,0 :B.MT.P.8M LANTAI KIRI
 42 TRAP=0,-0.48750,0,0.99,-0.48750,0 :B.HD.P.8M ATAP TGH
 43 TRAP=0,-1.22850,0,0.99,-1.22850,0 :B.MT.P.8M ATAP TGH
 44 TRAP=0,-0.81250,0,0.99,-0.81250,0 :B.HD.P.8M LANTAI TGH
 45 TRAP=0,-1.67700,0,0.99,-1.67700,0 :B.MT.P.8M LANTAI TGH
 46 TRAP=0,-0.48750,0,0.248,-0.48750,0,3.49,0,0 :B.HD.P.8M ATAP KANAN
 47 TRAP=0,-1.22850,0,0.248,-1.22850,0,3.49,0,0 :B.MT.P.8M ATAP KANAN
 48 TRAP=0,-0.81250,0,0.248,-0.81250,0,3.49,0,0 :B.HD.P.8M LANTAI KANAN
 49 TRAP=0,-1.67700,0,0.248,-1.67700,0,3.49,0,0 :B.MT.P.8M LANTAI KANAN

C-----LOKASI ELEMEN-----

C KOLOM LANTAI 1-5

1 1 21 M=7,7,1 LP=3,0 G=4,1,1,1 :L1
 6 6 26 M=8,8,1 G=4,1,1,1
 11 11 31 G=4,1,1,1
 16 16 36 M=7,7,1 G=4,1,1,1
 21 21 41 G=4,1,1,1 :L2
 26 26 46 M=8,8,1 G=4,1,1,1
 31 31 51 G=4,1,1,1
 36 36 56 M=7,7,1 G=4,1,1,1
 41 41 61 G=4,1,1,1 :L3
 46 46 66 M=8,8,1 G=4,1,1,1
 51 51 71 G=4,1,1,1
 56 56 76 M=7,7,1 G=4,1,1,1
 61 61 81 G=4,1,1,1 :L4
 66 66 86 M=8,8,1 G=4,1,1,1
 71 71 91 G=4,1,1,1
 76 76 96 M=7,7,1 G=4,1,1,1
 81 81 101 G=4,1,1,1 :L5
 86 86 106 M=8,8,1 G=4,1,1,1
 91 91 111 G=4,1,1,1
 96 96 116 M=7,7,1 G=4,1,1,1

C KOLOM LANTAI 6-10

101 101 121 M=9,9,1 LP=3,0 G=4,1,1,1 :L6
 106 106 126 M=10,10,1 G=4,1,1,1
 111 111 131 G=4,1,1,1
 116 116 136 M=9,9,1 G=4,1,1,1
 121 121 141 G=4,1,1,1 :L7
 126 126 146 M=10,10,1 G=4,1,1,1
 131 131 151 G=4,1,1,1
 136 136 156 M=9,9,1 G=4,1,1,1
 141 141 161 G=4,1,1,1 :L8
 146 146 166 M=10,10,1 G=4,1,1,1
 151 151 171 G=4,1,1,1
 156 156 176 M=9,9,1 G=4,1,1,1
 161 161 181 G=4,1,1,1 :L9
 166 166 186 M=10,10,1 G=4,1,1,1
 171 171 191 G=4,1,1,1
 176 176 196 M=9,9,1 G=4,1,1,1
 181 181 201 G=4,1,1,1 :L10
 186 186 206 M=10,10,1 G=4,1,1,1
 191 191 211 G=4,1,1,1
 196 196 216 M=9,9,1 G=4,1,1,1

C KOLOM LANTAI 11-15

201 201 221 M=11,11,1 LP=3,0 G=4,1,1,1 :L11
 206 206 226 M=12,12,1 G=4,1,1,1
 211 211 231 G=4,1,1,1
 216 216 236 M=11,11,1 G=4,1,1,1
 221 221 241 G=4,1,1,1 :L12
 226 226 246 M=12,12,1 G=4,1,1,1
 231 231 251 G=4,1,1,1
 236 236 256 M=11,11,1 G=4,1,1,1
 241 241 261 G=4,1,1,1 :L13

246	246	266	M=12,12,1	G=4,1,1,1	
251	251	271		G=4,1,1,1	
256	256	276	M=11,11,1	G=4,1,1,1	
261	261	281		G=4,1,1,1	:L14
266	266	286	M=12,12,1	G=4,1,1,1	
271	271	291		G=4,1,1,1	
276	276	296	M=11,11,1	G=4,1,1,1	
281	281	301		G=4,1,1,1	:L15
286	286	306	M=12,12,1	G=4,1,1,1	
291	291	311		G=4,1,1,1	
296	296	316	M=11,11,1	G=4,1,1,1	
C BALOK PORTAL MEMBUJUR LANTAI 1-5					
526	21	22	M=1,1,1 LP=-2,0	NSL=3,4,0,0,13,0	G=3,1,1,1 :L1
530	26	27		NSL=3,4,11,12,13,0	G=1,3,3,3
534	31	32			G=1,3,3,3
538	36	37		NSL=3,4,0,0,13,0	G=3,1,1,1
542	41	42	M=1,1,1 LP=-2,0		G=3,1,1,1 :L2
546	46	47		NSL=3,4,11,12,13,0	G=1,3,3,3
550	51	52			G=1,3,3,3
554	56	57		NSL=3,4,0,0,13,0	G=3,1,1,1
558	61	62	M=1,1,1 LP=-2,0		G=3,1,1,1 :L3
562	66	67		NSL=3,4,11,12,13,0	G=1,3,3,3
566	71	72			G=1,3,3,3
570	76	77		NSL=3,4,0,0,13,0	G=3,1,1,1
574	81	82	M=1,1,1 LP=-2,0		G=3,1,1,1 :L4
578	86	87		NSL=3,4,11,12,13,0	G=1,3,3,3
582	91	92			G=1,3,3,3
586	96	97		NSL=3,4,0,0,13,0	G=3,1,1,1
590	101	102	M=1,1,1 LP=-2,0		G=3,1,1,1 :L5
594	106	107		NSL=3,4,11,12,13,0	G=1,3,3,3
598	111	112			G=1,3,3,3
602	116	117		NSL=3,4,0,0,13,0	G=3,1,1,1
C BALOK PORTAL MEMBUJUR LANTAI 6-10					
606	121	122	M=3,3,1 LP=-2,0	NSL=3,4,0,0,13,0	G=3,1,1,1 :L6
610	126	127		NSL=3,4,11,12,13,0	G=1,3,3,3
614	131	132			G=1,3,3,3
618	136	137		NSL=3,4,0,0,13,0	G=3,1,1,1
622	141	142	M=3,3,1 LP=-2,0		G=3,1,1,1 :L7
626	146	147		NSL=3,4,11,12,13,0	G=1,3,3,3
630	151	152			G=1,3,3,3
634	156	157		NSL=3,4,0,0,13,0	G=3,1,1,1
638	161	162	M=3,3,1 LP=-2,0		G=3,1,1,1 :L8
642	166	167		NSL=3,4,11,12,13,0	G=1,3,3,3
646	171	172			G=1,3,3,3
650	176	177		NSL=3,4,0,0,13,0	G=3,1,1,1
654	181	182	M=3,3,1 LP=-2,0		G=3,1,1,1 :L9
658	186	187		NSL=3,4,11,12,13,0	G=1,3,3,3
662	191	192			G=1,3,3,3
666	196	197		NSL=3,4,0,0,13,0	G=3,1,1,1
670	201	202	M=3,3,1 LP=-2,0		G=3,1,1,1 :L10
674	206	207		NSL=3,4,11,12,13,0	G=1,3,3,3
678	211	212			G=1,3,3,3
682	216	217		NSL=3,4,0,0,13,0	G=3,1,1,1
C BALOK PORTAL MEMBUJUR LANTAI 11-15					
686	221	222	M=5,5,1 LP=-2,0	NSL=3,4,0,0,13,0	G=3,1,1,1 :L11
690	226	227		NSL=3,4,11,12,13,0	G=1,3,3,3
694	231	232			G=1,3,3,3
698	236	237		NSL=3,4,0,0,13,0	G=3,1,1,1
702	241	242	M=5,5,1 LP=-2,0		G=3,1,1,1 :L12
706	246	247		NSL=3,4,11,12,13,0	G=1,3,3,3
710	251	252			G=1,3,3,3
714	256	257		NSL=3,4,0,0,13,0	G=3,1,1,1
718	261	262	M=5,5,1 LP=-2,0		G=3,1,1,1 :L13
722	266	267		NSL=3,4,11,12,13,0	G=1,3,3,3
726	271	272			G=1,3,3,3
730	276	277		NSL=3,4,0,0,13,0	G=3,1,1,1
734	281	282	M=5,5,1 LP=-2,0		G=3,1,1,1 :L14
738	286	287		NSL=3,4,11,12,13,0	G=1,3,3,3
742	291	292			G=1,3,3,3
746	296	297		NSL=3,4,0,0,13,0	G=3,1,1,1

750	301	302	M=5,5,1	LP=-2,0	NSL=1,2,0,0,0,0	G=3,1,1,1	:L15
754	306	307			NSL=1,2,9,10,0,0	G=1,3,3,3	
758	311	312				G=1,3,3,3	
762	316	317			NSL=1,2,0,0,0,0	G=3,1,1,1	
C BALOK PORTAL MEMBUJUR LANTAI 1-5							
1136	27	321	M=1,1,1	LP=-2,0	NSL=16,17,40,41,13,0	G=4,12,20,14	
1137	321	322			NSL=20,21,44,45,13,0	G=4,12,14,14	
1138	322	28			NSL=24,25,48,49,13,0	G=4,12,14,20	
1139	28	323	M=1,1,1	LP=-2,0	NSL=16,17,40,41,13,0	G=4,12,20,14	
1140	323	324			NSL=20,21,44,45,13,0	G=4,12,14,14	
1141	324	29			NSL=24,25,48,49,13,0	G=4,12,14,20	
1142	32	331	M=1,1,1	LP=-2,0	NSL=16,17,40,41,13,0	G=4,12,20,14	
1143	331	332			NSL=20,21,44,45,13,0	G=4,12,14,14	
1144	332	33			NSL=24,25,48,49,13,0	G=4,12,14,20	
1145	33	333	M=1,1,1	LP=-2,0	NSL=16,17,40,41,13,0	G=4,12,20,14	
1146	333	334			NSL=20,21,44,45,13,0	G=4,12,14,14	
1147	334	34			NSL=24,25,48,49,13,0	G=4,12,14,20	
C BALOK PORTAL MEMBUJUR LANTAI 6-10							
1196	127	391	M=3,3,1	LP=-2,0	NSL=16,17,40,41,13,0	G=4,12,20,14	
1197	391	392			NSL=20,21,44,45,13,0	G=4,12,14,14	
1198	392	128			NSL=24,25,48,49,13,0	G=4,12,14,20	
1199	128	393	M=3,3,1	LP=-2,0	NSL=16,17,40,41,13,0	G=4,12,20,14	
1200	393	394			NSL=20,21,44,45,13,0	G=4,12,14,14	
1201	394	129			NSL=24,25,48,49,13,0	G=4,12,14,20	
1202	132	401	M=3,3,1	LP=-2,0	NSL=16,17,40,41,13,0	G=4,12,20,14	
1203	401	402			NSL=20,21,44,45,13,0	G=4,12,14,14	
1204	402	133			NSL=24,25,48,49,13,0	G=4,12,14,20	
1205	133	403	M=3,3,1	LP=-2,0	NSL=16,17,40,41,13,0	G=4,12,20,14	
1206	403	404			NSL=20,21,44,45,13,0	G=4,12,14,14	
1207	404	134			NSL=24,25,48,49,13,0	G=4,12,14,20	
C BALOK PORTAL MEMBUJUR LANTAI 11-15							
1256	227	461	M=5,5,1	LP=-2,0	NSL=16,17,40,41,13,0	G=3,12,20,14	
1257	461	462			NSL=20,21,44,45,13,0	G=3,12,14,14	
1258	462	228			NSL=24,25,48,49,13,0	G=3,12,14,20	
1259	228	463	M=5,5,1	LP=-2,0	NSL=16,17,40,41,13,0	G=3,12,20,14	
1260	463	464			NSL=20,21,44,45,13,0	G=3,12,14,14	
1261	464	229			NSL=24,25,48,49,13,0	G=3,12,14,20	
1262	232	471	M=5,5,1	LP=-2,0	NSL=16,17,40,41,13,0	G=3,12,20,14	
1263	471	472			NSL=20,21,44,45,13,0	G=3,12,14,14	
1264	472	233			NSL=24,25,48,49,13,0	G=3,12,14,20	
1265	233	473	M=5,5,1	LP=-2,0	NSL=16,17,40,41,13,0	G=3,12,20,14	
1266	473	474			NSL=20,21,44,45,13,0	G=3,12,14,14	
1267	474	234			NSL=24,25,48,49,13,0	G=3,12,14,20	
1304	307	517			NSL=14,15,38,39,0,0	G=1,3,1,2	:L15
1305	517	518			NSL=18,19,42,43,0,0	G=1,3,1,2	
1306	518	308			NSL=22,23,48,49,0,0	G=1,3,1,2	
1310	312	527			NSL=14,15,38,39,0,0	G=1,3,1,2	:L15
1311	527	528			NSL=18,19,42,43,0,0	G=1,3,1,2	
1312	528	313			NSL=22,23,48,49,0,0	G=1,3,1,2	
C BALOK PORTAL MELINTANG 8M LANTAI 1-5							
301	21	26	M=1,1,1	LP=3,0	NSL=3,4,0,0,13,0	G=1,4,4,4	:L1
302	22	27			NSL=3,4,3,4,13,0	G=2,1,1,1	
311	31	36			NSL=3,4,0,0,13,0	G=1,4,4,4	
312	32	37			NSL=3,4,3,4,13,0	G=2,1,1,1	
316	41	46	M=1,1,1	LP=3,0	NSL=3,4,0,0,13,0	G=1,4,4,4	:L2
317	42	47			NSL=3,4,3,4,13,0	G=2,1,1,1	
326	51	56			NSL=3,4,0,0,13,0	G=1,4,4,4	
327	52	57			NSL=3,4,3,4,13,0	G=2,1,1,1	
331	61	66	M=1,1,1	LP=3,0	NSL=3,4,0,0,13,0	G=1,4,4,4	:L3
332	62	67			NSL=3,4,3,4,13,0	G=2,1,1,1	
341	71	76			NSL=3,4,0,0,13,0	G=1,4,4,4	
342	72	77			NSL=3,4,3,4,13,0	G=2,1,1,1	
346	81	86	M=1,1,1	LP=3,0	NSL=3,4,0,0,13,0	G=1,4,4,4	:L4
347	82	87			NSL=3,4,3,4,13,0	G=2,1,1,1	
356	91	96			NSL=3,4,0,0,13,0	G=1,4,4,4	
357	92	97			NSL=3,4,3,4,13,0	G=2,1,1,1	
361	101	106	M=1,1,1	LP=3,0	NSL=3,4,0,0,13,0	G=1,4,4,4	:L5
362	102	107			NSL=3,4,3,4,13,0	G=2,1,1,1	
371	111	116			NSL=3,4,0,0,13,0	G=1,4,4,4	
372	112	117			NSL=3,4,3,4,13,0	G=2,1,1,1	

C BALOK PORTAL MELINTANG 8M LANTAI 6-10						
376	121	126	M=3,3,1	LP=3,0	NSL=3,4,0,0,13,0	G=1,4,4,4 :L6
377	122	127			NSL=3,4,3,4,13,0	G=2,1,1,1
386	131	136			NSL=3,4,0,0,13,0	G=1,4,4,4
387	132	137			NSL=3,4,3,4,13,0	G=2,1,1,1
391	141	146	M=3,3,1	LP=3,0	NSL=3,4,0,0,13,0	G=1,4,4,4 :L7
392	142	147			NSL=3,4,3,4,13,0	G=2,1,1,1
401	151	156			NSL=3,4,0,0,13,0	G=1,4,4,4
402	152	157			NSL=3,4,3,4,13,0	G=2,1,1,1
406	161	166	M=3,3,1	LP=3,0	NSL=3,4,0,0,13,0	G=1,4,4,4 :L8
407	162	167			NSL=3,4,3,4,13,0	G=2,1,1,1
416	171	176			NSL=3,4,0,0,13,0	G=1,4,4,4
417	172	177			NSL=3,4,3,4,13,0	G=2,1,1,1
421	181	186	M=3,3,1	LP=3,0	NSL=3,4,0,0,13,0	G=1,4,4,4 :L9
422	182	187			NSL=3,4,3,4,13,0	G=2,1,1,1
431	191	196			NSL=3,4,0,0,13,0	G=1,4,4,4
432	192	197			NSL=3,4,3,4,13,0	G=2,1,1,1
436	201	206	M=3,3,1	LP=3,0	NSL=3,4,0,0,13,0	G=1,4,4,4 :L10
437	202	207			NSL=3,4,3,4,13,0	G=2,1,1,1
446	211	216			NSL=3,4,0,0,13,0	G=1,4,4,4
447	212	217			NSL=3,4,3,4,13,0	G=2,1,1,1
C BALOK PORTAL MELINTANG 8M LANTAI 11-15						
451	221	226	M=5,5,1	LP=3,0	NSL=3,4,0,0,13,0	G=1,4,4,4 :L11
452	222	227			NSL=3,4,3,4,13,0	G=2,1,1,1
461	231	236			NSL=3,4,0,0,13,0	G=1,4,4,4
462	232	237			NSL=3,4,3,4,13,0	G=2,1,1,1
466	241	246	M=5,5,1	LP=3,0	NSL=3,4,0,0,13,0	G=1,4,4,4 :L12
467	242	247			NSL=3,4,3,4,13,0	G=2,1,1,1
476	251	256			NSL=3,4,0,0,13,0	G=1,4,4,4
477	252	257			NSL=3,4,3,4,13,0	G=2,1,1,1
481	261	266	M=5,5,1	LP=3,0	NSL=3,4,0,0,13,0	G=1,4,4,4 :L13
482	262	267			NSL=3,4,3,4,13,0	G=2,1,1,1
491	271	276			NSL=3,4,0,0,13,0	G=1,4,4,4
492	272	277			NSL=3,4,3,4,13,0	G=2,1,1,1
496	281	286	M=5,5,1	LP=3,0	NSL=3,4,0,0,13,0	G=1,4,4,4 :L14
497	282	287			NSL=3,4,3,4,13,0	G=2,1,1,1
506	291	296			NSL=3,4,0,0,13,0	G=1,4,4,4
507	292	297			NSL=3,4,3,4,13,0	G=2,1,1,1
511	301	306	M=5,5,1	LP=3,0	NSL=1,2,0,0,0,0	G=1,4,4,4 :L15
512	302	307			NSL=1,2,1,2,0,0	G=2,1,1,1
521	311	316			NSL=1,2,0,0,0,0	G=1,4,4,4
522	312	317			NSL=1,2,1,2,0,0	G=2,1,1,1
C BALOK PORTAL MELINTANG 6.5M LANTAI 1-5						
306	26	31	M=2,2,1	LP=3,0	NSL=7,8,0,0,13,0	G=1,4,4,4
321	46	51	M=2,2,1		NSL=7,8,0,0,13,0	G=1,4,4,4
336	66	71	M=2,2,1		NSL=7,8,0,0,13,0	G=1,4,4,4
351	86	91	M=2,2,1		NSL=7,8,0,0,13,0	G=1,4,4,4
366	106	111	M=2,2,1		NSL=7,8,0,0,13,0	G=1,4,4,4
C BALOK PORTAL MELINTANG 6.5M LANTAI 6-10						
381	126	131	M=4,4,1	LP=3,0	NSL=7,8,0,0,13,0	G=1,4,4,4
396	146	151	M=4,4,1		NSL=7,8,0,0,13,0	G=1,4,4,4
411	166	171	M=4,4,1		NSL=7,8,0,0,13,0	G=1,4,4,4
426	186	191	M=4,4,1		NSL=7,8,0,0,13,0	G=1,4,4,4
441	206	211	M=4,4,1		NSL=7,8,0,0,13,0	G=1,4,4,4
C BALOK PORTAL MELINTANG 6.5M LANTAI 11-15						
456	226	231	M=6,6,1	LP=3,0	NSL=7,8,0,0,13,0	G=1,4,4,4
471	246	251	M=6,6,1		NSL=7,8,0,0,13,0	G=1,4,4,4
486	266	271	M=6,6,1		NSL=7,8,0,0,13,0	G=1,4,4,4
501	286	291	M=6,6,1		NSL=7,8,0,0,13,0	G=1,4,4,4
516	306	311	M=6,6,1		NSL=5,6,0,0,0,0	G=1,4,4,4
C BALOK PORTAL MELINTANG LANTAI 1-5						
1001	27	325	M=2,2,1	LP=3,0	NSL=28,29,28,29,13,0	G=4,9,20,14
1002	325	328			NSL=32,33,32,33,13,0	G=4,9,14,14
1003	328	32			NSL=36,37,36,37,13,0	G=4,9,14,20
1004	28	326	M=2,2,1	LP=3,0	NSL=28,29,28,29,13,0	G=4,9,20,14
1005	326	329			NSL=32,33,32,33,13,0	G=4,9,14,14
1006	329	33			NSL=36,37,36,37,13,0	G=4,9,14,20
1007	29	327	M=2,2,1	LP=3,0	NSL=28,29,28,29,13,0	G=4,9,20,14
1008	327	330			NSL=32,33,32,33,13,0	G=4,9,14,14
1009	330	34			NSL=36,37,36,37,13,0	G=4,9,14,20

C BALOK PORTAL MELINTANG LANTAI 6-10			
1046	127 395	M=4,4,1 LP=3,0	NSL=28,29,28,29,13,0 G=4,9,20,14
1047	395 398		NSL=32,33,32,33,13,0 G=4,9,14,14
1048	398 132		NSL=36,37,36,37,13,0 G=4,9,14,20
1049	128 396	M=4,4,1 LP=3,0	NSL=28,29,28,29,13,0 G=4,9,20,14
1050	396 399		NSL=32,33,32,33,13,0 G=4,9,14,14
1051	399 133		NSL=36,37,36,37,13,0 G=4,9,14,20
1052	129 397	M=4,4,1 LP=3,0	NSL=28,29,28,29,13,0 G=4,9,20,14
1053	397 400		NSL=32,33,32,33,13,0 G=4,9,14,14
1054	400 134		NSL=36,37,36,37,13,0 G=4,9,14,20
C BALOK PORTAL MELINTANG LANTAI 11-15			
1091	227 465	M=6,6,1 LP=3,0	NSL=28,29,28,29,13,0 G=3,9,20,14
1092	465 468		NSL=32,33,32,33,13,0 G=3,9,14,14
1093	468 232		NSL=36,37,36,37,13,0 G=3,9,14,20
1094	228 466	M=6,6,1 LP=3,0	NSL=28,29,28,29,13,0 G=3,9,20,14
1095	466 469		NSL=32,33,32,33,13,0 G=3,9,14,14
1096	469 233		NSL=36,37,36,37,13,0 G=3,9,14,20
1097	229 467	M=6,6,1 LP=3,0	NSL=28,29,28,29,13,0 G=3,9,20,14
1098	467 470		NSL=32,33,32,33,13,0 G=3,9,14,14
1099	470 334		NSL=36,37,36,37,13,0 G=3,9,14,20
1127	307 521	M=6,6,1 LP=3,0	NSL=26,27,26,27,0,0 G=2,3,1,1
1128	521 524		NSL=30,31,30,31,0,0 G=2,3,1,1
1129	524 312		NSL=34,35,34,35,0,0 G=2,3,1,1
C BRACING L1-5			
766	7 321	M=13,13,1 LP=-2,0	G=4,14,20,14
767	8 322		G=4,14,20,14
768	8 323		G=4,14,20,14
769	9 324		G=4,14,20,14
770	7 325	LP=3,0	G=4,14,20,14
771	12 328		G=4,14,20,14
772	8 326		G=4,14,20,14
773	13 329		G=4,14,20,14
774	9 327		G=4,14,20,14
775	14 330		G=4,14,20,14
776	12 331	LP=-2,0	G=4,14,20,14
777	13 332		G=4,14,20,14
778	13 333		G=4,14,20,14
779	14 334		G=4,14,20,14
C BRACING L6-10			
836	107 391	M=13,13,1 LP=-2,0	G=4,14,20,14
837	108 392		G=4,14,20,14
838	108 393		G=4,14,20,14
839	109 394		G=4,14,20,14
840	107 395	LP=3,0	G=4,14,20,14
841	112 398		G=4,14,20,14
842	108 396		G=4,14,20,14
843	113 399		G=4,14,20,14
844	109 397		G=4,14,20,14
845	114 400		G=4,14,20,14
846	112 401	LP=-2,0	G=4,14,20,14
847	113 402		G=4,14,20,14
848	113 403		G=4,14,20,14
849	114 404		G=4,14,20,14
C BRACING L11-15			
906	207 461	M=13,13,1 LP=-2,0	G=4,14,20,14
907	208 462		G=4,14,20,14
908	208 463		G=4,14,20,14
909	209 464		G=4,14,20,14
910	207 465	LP=3,0	G=4,14,20,14
911	212 468		G=4,14,20,14
912	208 466		G=4,14,20,14
913	213 469		G=4,14,20,14
914	209 467		G=4,14,20,14
915	214 470		G=4,14,20,14
916	212 471	LP=-2,0	G=4,14,20,14
917	213 472		G=4,14,20,14
918	213 473		G=4,14,20,14
919	214 474		G=4,14,20,14

LOADS

21	36	15	L=18	F=1.0331,0,0,0,0,0	:BEBAN GEMPA ARAH X
26	31	5	L=18	F=2.0662,0,0,0,0,0	
41	56	15	L=18	F=1.8940,0,0,0,0,0	
46	51	5	L=18	F=3.7880,0,0,0,0,0	
61	76	15	L=18	F=2.7549,0,0,0,0,0	
66	71	5	L=18	F=5.5098,0,0,0,0,0	
81	96	15	L=18	F=3.6158,0,0,0,0,0	
86	91	5	L=18	F=7.2316,0,0,0,0,0	
101	116	15	L=18	F=4.4767,0,0,0,0,0	
106	111	5	L=18	F=8.9534,0,0,0,0,0	
121	136	15	L=18	F=5.3349,0,0,0,0,0	
126	131	5	L=18	F=10.669,0,0,0,0,0	
141	156	15	L=18	F=6.1954,0,0,0,0,0	
146	151	5	L=18	F=12.391,0,0,0,0,0	
161	176	15	L=18	F=7.0559,0,0,0,0,0	
166	171	5	L=18	F=14.112,0,0,0,0,0	
181	196	15	L=18	F=7.9164,0,0,0,0,0	
186	191	5	L=18	F=15.833,0,0,0,0,0	
201	216	15	L=18	F=8.7768,0,0,0,0,0	
206	211	5	L=18	F=17.554,0,0,0,0,0	
221	236	15	L=18	F=9.6293,0,0,0,0,0	
226	231	5	L=18	F=19.259,0,0,0,0,0	
241	256	15	L=18	F=10.489,0,0,0,0,0	
246	251	5	L=18	F=21.978,0,0,0,0,0	
261	276	15	L=18	F=11.349,0,0,0,0,0	
266	271	5	L=18	F=22.698,0,0,0,0,0	
281	296	15	L=18	F=12.209,0,0,0,0,0	
286	291	5	L=18	F=24.417,0,0,0,0,0	
301	316	15	L=18	F=7.8094,0,0,0,0,0	
306	311	5	L=18	F=15.619,0,0,0,0,0	
21	25	4	L=19	F=0,0.7748,0,0,0,0	:BEBAN GEMPA ARAH Y
22	24	1	L=19	F=0,1.5496,0,0,0,0	
41	45	4	L=19	F=0,1.4205,0,0,0,0	
42	44	1	L=19	F=0,2.8410,0,0,0,0	
61	65	4	L=19	F=0,2.0662,0,0,0,0	
62	64	1	L=19	F=0,4.1323,0,0,0,0	
81	85	4	L=19	F=0,2.7118,0,0,0,0	
82	84	1	L=19	F=0,5.4237,0,0,0,0	
101	105	4	L=19	F=0,3.3575,0,0,0,0	
102	104	1	L=19	F=0,6.7150,0,0,0,0	
121	125	4	L=19	F=0,4.0012,0,0,0,0	
122	124	1	L=19	F=0,8.0024,0,0,0,0	
141	145	4	L=19	F=0,4.6466,0,0,0,0	
142	144	1	L=19	F=0,9.2931,0,0,0,0	
161	165	4	L=19	F=0,5.2919,0,0,0,0	
162	164	1	L=19	F=0,10.584,0,0,0,0	
181	185	4	L=19	F=0,5.9373,0,0,0,0	
182	184	1	L=19	F=0,11.875,0,0,0,0	
201	205	4	L=19	F=0,6.5826,0,0,0,0	
202	204	1	L=19	F=0,13.165,0,0,0,0	
221	225	4	L=19	F=0,7.2220,0,0,0,0	
222	224	1	L=19	F=0,14.444,0,0,0,0	
241	245	4	L=19	F=0,7.8668,0,0,0,0	
242	244	1	L=19	F=0,15.734,0,0,0,0	
261	265	4	L=19	F=0,8.5117,0,0,0,0	
262	264	1	L=19	F=0,17.023,0,0,0,0	
281	285	4	L=19	F=0,9.1565,0,0,0,0	
282	284	1	L=19	F=0,18.313,0,0,0,0	
301	305	4	L=19	F=0,5.8570,0,0,0,0	
302	304	1	L=19	F=0,11.714,0,0,0,0	

COMBO

1 C=0.5,1.0,0.5,1.2,0.5,1.2,0.5,1.2,0.5,1.2,0.5,1.2,0.5,1.2,1.2,1.0,0.3 : GEMPA ARAH X
 2 C=0.5,1.0,0.5,1.2,0.5,1.2,0.5,1.2,0.5,1.2,0.5,1.2,0.5,1.2,1.2,0.3,1 : GEMPA ARAH Y

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS TWO BRACE"
DATA PORTAL 3D UNTUK SHEAR DAN MOMENT
FRAME ELEMENT FORCES (KOLOM)

ELT ID	LOAD COMB	AXIAL FORCE	DIST ENDI	1-2 PLANE SHEAR	1-2 PLANE MOMENT	1-3 PLANE SHEAR	1-3 PLANE MOMENT	AXIAL TORQ
13								
1	-704.3							
		0	12.11	-60.77	-17.77	69.34		
		4.5	12.11	-6.27	-17.77	-10.63		
2	-1178							
		0	34.57	-168.3	-5.08	20.12		
		4.5	34.57	-12.72	-5.08	-2.75		
18								
1	-289.6							
		0	7.1	-23.76	-8.16	29.43		
		4.5	7.1	8.17	-8.16	-7.27		
2	-333.9							
		0	14.41	-57.8	-2.42	8.75		
		4.5	14.41	7.04	-2.42	-2.16		
33								
1	-638.9							
		0	-2	4.7	4.88	-11.87		
		3.8	-2	-2.8	4.88	6.43		
2	-1054							
		0	2.45	-12.15	1.32	-3.06		
		3.8	2.45	-2.96	1.32	1.9		
38								
1	-270.3							
		0	6.67	-13.14	-8.84	18.84		
		3.8	6.67	11.86	-8.84	-14.33		
2	-312.6							
		0	10.16	-22.58	-2.63	5.6		
		3.8	10.16	15.51	-2.63	-4.26		
53								
1	-570.8							
		0	-3.91	6.77	1.9	-2.9		
		3.8	-3.91	-5.9	1.9	4.22		
2	-926.4							
		0	-0.65	-0.79	0.53	-0.89		
		3.8	-0.65	-3.23	0.53	1.11		
58								
1	-251							
		0	5.17	-9.57	-8.59	16.22		
		3.8	5.17	9.82	-8.59	-16.01		
2	-290.9							
		0	7.88	-15.48	-2.55	4.81		
		3.8	7.88	14.08	-2.55	-4.76		
73								
1	-511.2							
		0	-0.66	-1.9	2.05	-4.39		
		3.8	-0.66	-4.37	2.05	3.29		
2	-806.5							
		0	2.53	-9.34	0.71	-1.56		
		3.8	2.53	0.15	0.71	1.1		
78								
1	-231.7							
		0	5.9	-11.51	-8.18	14.71		
		3.8	5.9	10.62	-8.18	-15.96		
2	-269.1							
		0	8.77	-17.3	-2.43	4.36		
		3.8	8.77	15.57	-2.43	-4.74		

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS TWO BRACE"
DATA PORTAL 3D UNTUK SHEAR DAN MOMENT
FRAME ELEMENT FORCES (KOLOM)

ELT ID	LOAD COMB	AXIAL FORCE	DIST ENDI	1-2 PLANE SHEAR	1-2 PLANE MOMENT	1-3 PLANE SHEAR	1-3 PLANE MOMENT	AXIAL TORQ
93								
1	-453.7							
		0	-3.88	7.39	3	-6.66		
		3.8	-3.88	-7.18	3	4.58		
2	-695.7							
		0	-0.9	1.91	0.83	-1.78		
		3.8	-0.9	-1.47	0.83	1.35		
98								
1	-212.4							
		0	6.2	-10.93	-7.76	13.52		
		3.8	6.2	12.3	-7.76	-15.58		
2	-247.1							
		0	9.17	-16.31	-2.3	4		
		3.8	9.17	18.08	-2.3	-4.62		
113								
1	-365.7							
		0	-2.54	4.42	1.75	-3.54		
		3.7	-2.54	-5.1	1.75	3.04		
2	-586.7							
		0	-0.07	0.1	0.56	-1.16		
		3.7	-0.07	-0.17	0.56	0.93		
118								
1	-193.1							
		0	5.23	-9.04	-6.81	11.85		
		3.7	5.23	10.59	-6.81	-13.71		
2	-225.2							
		0	7.84	-13.63	-2.01	3.49		
		3.7	7.84	15.77	-2.01	-4.06		
133								
1	-342.2							
		0	-3.43	7.1	1.9	-4.21		
		3.8	-3.43	-5.78	1.9	2.92		
2	-487.2							
		0	-0.72	2.38	0.61	-1.38		
		3.8	-0.72	-0.3	0.61	0.89		
138								
1	-173.9							
		0	5.61	-10.42	-6.14	10.56		
		3.8	5.61	10.62	-6.14	-12.45		
2	-203.4							
		0	8.42	-15.56	-1.8	3.1		
		3.8	8.42	16.03	-1.8	-3.67		
153								
1	-291							
		0	-3.22	6.45	1.78	-4.12		
		3.7	-3.22	-5.64	1.78	2.56		
2	-393.8							
		0	-0.49	2.2	0.57	-1.36		
		3.7	-0.49	0.36	0.57	0.78		
158								
1	-154.7							
		0	5.55	-10.25	-5.21	8.65		
		3.7	5.55	10.58	-5.21	-10.88		
2	-181.7							
		0	8.35	-15.16	-1.52	2.51		
		3.7	8.35	18.16	-1.52	-3.19		

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS TWO BRACE"
DATA PORTAL 3D UNTUK SHEAR DAN MOMENT
FRAME ELEMENT FORCES (KOLOM)

ELT ID	LOAD COMB	AXIAL FORCE ENDI	DIST	1- 2 PLANE SHEAR	1- 2 PLANE MOMENT	1- 3 PLANE AXIAL SHEAR	1- 3 PLANE AXIAL MOMENT	TORQ
173								
1	-241.9	0	3.8	-3.14	6.49	1.69	-4.13	
2	-306.7	0	3.8	-0.48	2.89	0.54	-1.36	
				-3.14	-5.27	1.69	2.19	
				-0.48	1.11	0.54	0.67	
178								
1	-135.6	0	3.8	5.48	-10.14	-4.13	6.45	
2	-160	0	3.8	8.16	-14.69	-1.19	1.84	
				5.48	10.4	-4.13	-9.05	
				8.16	15.93	-1.19	-2.63	
193								
1	-195.2	0	3.8	-3.82	6.9	1.46	-4.09	
2	-226.1	0	3.8	-1.5	4	0.48	-1.35	
				-3.82	-7.43	1.46	1.39	
				-1.5	-1.62	0.48	0.44	
198								
1	-116.5	0	3.8	5.55	-10.15	-2.85	3.91	
2	-138.4	0	3.8	8.03	-14.44	-0.8	1.08	
				5.55	10.66	-2.85	-6.79	
				8.03	15.67	-0.8	-1.94	
209								
1	-219.7	0	3.7	6.3	-14.32	0.51	-3.48	
2	-201.9	0	3.7	9.05	-16.4	2.18	-4.67	
				6.3	9.29	0.51	-1.55	
				9.05	17.54	2.18	3.53	
218								
1	-97.41	0	3.7	5.92	-9.75	-1.45	1.32	
2	-117	0	3.7	10.2	-14.25	-0.38	0.31	
				5.92	12.47	-1.45	-4.1	
				10.2	23.99	-0.38	-1.1	
229								
1	-154.8	0	3.8	0.73	0.22	-1.43	2.32	
2	-156.9	0	3.8	7.59	-12.72	1.74	-3.38	
				0.73	2.96	-1.43	-3.04	
				7.59	15.75	1.74	3.15	
238								
1	-76.98	0	3.8	6.4	-11.59	-1.51	2.71	
2	-91.19	0	3.8	11.82	-20.89	-0.39	0.69	
				6.4	12.41	-1.51	-2.94	
				11.82	23.42	-0.39	-0.76	

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS TWO BRACE"
DATA PORTAL 3D UNTUK SHEAR DAN MOMENT
FRAME ELEMENT FORCES (KOLOM)

ELT ID	LOAD COMB	AXIAL FORCE ENDI	DIST	1- 2 PLANE SHEAR	1- 2 PLANE MOMENT	1- 3 PLANE AXIAL SHEAR	1- 3 PLANE AXIAL MOMENT	TORQ
249								
1	-98.98	0	3.8	4.86	-9.14	-0.97	1.42	
2	-113.9	0	3.8	10.98	-19	1.74	-3.41	
				4.86	9.08	-0.97	-2.21	
				10.98	22.18	1.74	3.1	
258								
1	-56.62	0	3.8	6.06	-10.7	-1.33	2.38	
2	-66.3	0	3.8	10.67	-18.22	-0.34	0.61	
				6.06	12.01	-1.33	-2.6	
				10.67	21.8	-0.34	-0.67	
269								
1	-45.36	0	3.8	1.47	1.71	-0.46	0.42	
2	-60.6	0	3.8	6.54	-5.09	1.69	-3.42	
				1.47	7.22	-0.46	-1.32	
				6.54	19.46	1.69	2.92	
278								
1	-37.02	0	3.8	5.44	-9.7	-0.82	1.35	
2	-42.49	0	3.8	9.22	-15.64	-0.21	0.34	
				5.44	10.71	-0.82	-1.72	
				9.22	18.94	-0.21	-0.44	
289								
1	-16.65	0	3.8	0.79	2.85	0.2	0.09	
2	-21.49	0	3.8	4.44	-0.83	3	-4.25	
				0.79	5.82	0.2	0.84	
				4.44	15.82	3	7.01	
298								
1	-17.6	0	3.8	6.24	-9.59	-0.03	-0.06	
2	-19.82	0	3.8	9.71	-14.18	0	-0.03	
				6.24	13.8	-0.03	-0.17	
				9.71	22.24	0	-0.03	

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS TWO BRACE"
DATA PORTAL 3D UNTUK SHEAR DAN MOMENT
FRAME ELEMENT FORCES (BALOK 8M)

ELT ID	LOAD COMB	AXIAL FORCE	DIST ENDI	1- 2 PLANE SHEAR	1- 2 PLANE MOMENTS	1- 3 PLANE AXIAL SHEAR	1- 3 PLANE AXIAL MOMENT	TORQ
303	1	3.97		0.8	8.73	-5.26	0.02	-0.07
			7.2	-11.13	-12.99	0.02	0.07	0
	2	6.86		0.8	6.64	1.38	0.01	-0.02
			7.2	-13.22	-19.7	0.01	0.02	0
318	1	0.46		0.8	8.71	-5.23	0.1	-0.32
			7.2	-11.15	-13.09	0.1	0.32	0
	2	-0.96		0.8	6.3	2.44	0.03	-0.1
			7.2	-13.56	-20.8	0.03	0.1	0
332	1	-1.36		0.8	8.47	-4.49	0.19	-0.61
			7.2	-11.39	-13.86	0.19	0.61	0
	2	-4.37		0.8	6.02	3.33	0.06	-0.19
			7.2	-13.84	-21.76	0.06	0.19	0
347	1	-1.25		0.8	8.44	-4.38	0.28	-0.89
			7.2	-11.43	-13.98	0.28	0.89	0
	2	-5.21		0.8	5.94	3.58	0.09	-0.28
			7.2	-13.92	-22.01	0.09	0.28	0
362	1	-2.66		0.8	8.41	-4.26	0.35	-1.14
			7.2	-11.45	-14.01	0.35	1.14	0
	2	-7.11		0.8	5.93	3.65	0.11	-0.35
			7.2	-13.93	-22.02	0.11	0.35	0
377	1	-2.23		0.8	8.38	-4.08	0.44	-1.39
			7.2	-11.48	-14.03	0.44	1.39	0
	2	-8.18		0.8	5.93	3.69	0.13	-0.43
			7.2	-13.93	-21.93	0.13	0.43	0
392	1	-2.92		0.8	8.37	-4.06	0.5	-1.59
			7.2	-11.49	-14.09	0.5	1.59	0
	2	-9.6		0.8	5.95	3.61	0.15	-0.49
			7.2	-13.91	-21.88	0.15	0.49	0
407	1	-3.25		0.8	8.38	-4.09	0.53	-1.7
			7.2	-11.48	-14.05	0.53	1.7	0
	2	-10.75		0.8	6.04	3.34	0.16	-0.52
			7.2	-13.82	-21.6	0.16	0.52	0

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS TWO BRACE"
DATA PORTAL 3D UNTUK SHEAR DAN MOMENT
FRAME ELEMENT FORCES (BALOK 8M)

ELT ID	LOAD COMB	AXIAL FORCE	DIST ENDI	1- 2 PLANE SHEAR	1- 2 PLANE MOMENT	1- 3 PLANE AXIAL SHEAR	1- 3 PLANE AXIAL MOMENT	TORQ
422	1	-3.42		0.8	8.41	-4.2	0.54	-1.74
			7.2	-11.45	-13.95	0.54	1.74	0
	2	-11.89		0.8	6.18	2.9	0.17	-0.53
			7.2	-13.68	-21.14	0.17	0.53	0
437	1	-5.44		0.8	8.45	-4.26	0.52	-1.68
			7.2	-11.41	-13.77	0.52	1.68	0
	2	-16.11		0.8	6.34	2.45	0.16	-0.51
			7.2	-13.52	-20.59	0.16	0.51	0
465	1	-0.52		0.8	3.09	-0.05	-2.11	6.75
			7.2	-5.35	-7.29	-2.11	-6.75	0
	2	-1.68		0.8	0.08	9.61	-0.63	2
			7.2	-8.36	-16.91	-0.63	-2	0
466	1	-1.73		0.8	3.25	-0.52	1.96	-6.26
			7.2	-5.18	-6.72	1.96	6.26	0
	2	-5.84		0.8	1.19	6.08	0.59	-1.89
			7.2	-7.25	-13.32	0.59	1.89	0
481	1	-2.06		0.8	3.53	-1.38	1.81	-5.8
			7.2	-4.91	-5.82	1.81	5.8	0
	2	-6.63		0.8	2.06	3.32	0.54	-1.73
			7.2	-6.38	-10.53	0.54	1.73	0
496	1	-1.31		0.8	3.61	-2.37	1.68	-5.37
			7.2	-4.63	-5.02	1.68	5.37	0
	2	-6.16		0.8	2.96	0.33	0.49	-1.58
			7.2	-5.47	-7.74	0.49	1.58	0
511	1	-3.79		0.8	3.74	-1.73	1.53	-4.88
			7.2	-4.38	-3.79	1.53	4.88	0
	2	-6.99		0.8	3.37	-0.52	0.43	-1.37
			7.2	-4.76	-5	0.43	1.37	0

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS TWO BRACE"
DATA PORTAL 3D UNTUK SHEAR DAN MOMENT
FRAME ELEMENT FORCES (BALOK 6.5M)

ELT ID	LOAD COMB	AXIAL FORCE	DIST ENDI	1- 2 PLANE SHEAR	MOMENT	1- 3 PLANE SHEAR	AXIAL MOMENT	TORQ
<hr/>								
306	1	0.13						0
			0.7	1.16	1.56	0	0.01	
			5.9	-3.95	-5.71	0	-0.01	
	2	-0.12						0
			0.7	-1.84	9.36	0	0	
			5.9	-6.95	-13.51	0	0	
<hr/>								
325	1	-0.13						0
			0.7	0.54	3.2	-0.01	0.02	
			5.9	-4.58	-7.33	-0.01	-0.02	
	2	-0.63						0
			0.7	-3.69	14.19	0	0.01	
			5.9	-8.81	-18.32	0	-0.01	
<hr/>								
340	1	-0.34						0
			0.7	0.22	4.02	-0.01	0.03	
			5.9	-4.9	-8.15	-0.01	-0.03	
	2	-1.06						0
			0.7	-4.62	16.61	0	0.01	
			5.9	-9.74	-20.74	0	-0.01	
<hr/>								
355	1	-0.46						0
			0.7	0.08	4.38	-0.01	0.04	
			5.9	-5.04	-8.51	-0.01	-0.04	
	2	-1.41						0
			0.7	-4.99	17.58	0	0.01	
			5.9	-10.11	-21.71	0	-0.01	
<hr/>								
370	1	-0.53						0
			0.7	0.05	4.46	-0.02	0.04	
			5.9	-5.07	-8.61	-0.02	-0.04	
	2	-1.71						0
			0.7	-5.04	17.68	0	0.01	
			5.9	-10.15	-21.82	0	-0.01	
<hr/>								
385	1	-0.64						0
			0.7	0.1	4.3	-0.01	0.04	
			5.9	-5.02	-8.49	-0.01	-0.04	
	2	-2.04						0
			0.7	-4.75	16.9	0	0	
			5.9	-9.86	-21.09	0	0	
<hr/>								
400	1	-0.69						0
			0.7	0.22	4	-0.01	0.04	
			5.9	-4.9	-8.19	-0.01	-0.04	
	2	-2.31						0
			0.7	-4.25	15.62	0	-0.01	
			5.9	-9.37	-19.79	0	0.01	
<hr/>								
415	1	-0.79						0
			0.7	0.38	3.58	-0.01	0.03	
			5.9	-4.74	-7.77	-0.01	-0.03	
	2	-2.65						0
			0.7	-3.6	13.94	0.01	-0.02	
			5.9	-8.72	-18.12	0.01	0.02	

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS TWO BRACE"
DATA PORTAL 3D UNTUK SHEAR DAN MOMENT
FRAME ELEMENT FORCES (BALOK 6.5M)

ELT ID	LOAD COMB	AXIAL FORCE	DIST ENDI	1- 2 PLANE SHEAR	MOMENT	1- 3 PLANE SHEAR	AXIAL MOMENT	TORQ
<hr/>								
430	1	-0.98						0
			0.7	0.57	3.08	-0.01	0.03	
			5.9	-4.54	-7.26	-0.01	-0.03	
	2	-3.06						0
			0.7	-2.84	11.95	0.01	-0.03	
			5.9	-7.96	-16.13	0.01	0.03	
<hr/>								
445	1	-0.96						0
			0.7	0.8	2.46	-0.01	0.02	
			5.9	-4.31	-6.68	-0.01	-0.02	
	2	-3.25						0
			0.7	-1.98	9.7	0.02	-0.04	
			5.9	-7.1	-13.91	0.02	0.04	
<hr/>								
460	1	-1.22						0
			0.7	1.78	-0.08	0	0	
			5.9	-3.33	-4.15	0	0	
	2	-3.56						0
			0.7	0.85	2.33	0.01	-0.02	
			5.9	-4.26	-6.55	0.01	0.02	
<hr/>								
475	1	-0.98						0
			0.7	1.86	-0.29	0	0	
			5.9	-3.25	-3.93	0	0	
	2	-3.47						0
			0.7	1.18	1.48	0.01	-0.02	
			5.9	-3.93	-5.69	0.01	0.02	
<hr/>								
490	1	-1.16						0
			0.7	1.93	-0.48	0	-0.01	
			5.9	-3.18	-3.74	0	0.01	
	2	-3.98						0
			0.7	1.43	0.83	0.01	-0.03	
			5.9	-3.53	-4.7	0.01	0.04	
<hr/>								
505	1	-1.22						0
			0.7	2.02	-0.7	0	-0.01	
			5.9	-3.09	-3.48	0	0.01	
	2	-4.25						0
			0.7	1.71	0.11	0.01	-0.04	
			5.9	-3.4	-4.29	0.01	0.04	
<hr/>								
520	1	-1.61						0
			0.7	2.23	-0.94	0	-0.01	
			5.9	-3.13	-3.29	0	0.01	
	2	-3.72						0
			0.7	2.06	-0.51	0.01	-0.03	
			5.9	-3.3	-3.74	0.01	0.03	

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS TWO BRACE"
DATA PORTAL 3D UNTUK SHEAR DAN MOMENT
FRAME ELEMENT FORCES (BRACING 4.75M)

ELT ID	LOAD	AXIAL	DIST	1- 2 PLANE	1- 3 PLANE	AXIAL	
	COMB	FORCE	ENDI	SHEAR	MOMENT	SHEAR	MOMENT
							TORQ
LANTAI 1-5							
772	1	24.18					0
		0	0.47	-0.8	-0.03	0.12	0
		5.4	0.46	1.45	-0.03	0	0
	2	77.98					0
		0	1.23	-2.78	-0.01	0.04	0
		5.4	1.23	3.82	-0.01	0	0
786	1	37.5					0
		0	0.49	-0.69	0	-0.01	0
		4.8	0.49	1.65	0	0	0
	2	119.83					0
		0	1.33	-1.8	0	0	0
		4.8	1.33	4.53	0	0	0
800	1	46.72					0
		0	-0.47	0.88	0.08	-0.07	0
		4.8	-0.47	-1.37	0.08	0.3	0
	2	126.14					0
		0	0.35	-0.17	0.08	-0.11	0
		4.8	0.35	1.49	0.08	0.28	0
814	1	32.27					0
		0	0.46	-0.67	0	0	0
		4.8	0.45	1.5	0	0	0
	2	113.49					0
		0	1.26	-1.66	0	0	0
		4.8	1.25	4.3	0	0	0
828	1	31.44					0
		0	0.42	-0.58	0	0	0
		4.8	0.42	1.43	0	0	0
	2	109.08					0
		0	1.19	-1.52	0	0	0
		4.8	1.18	4.11	0	0	0
LANTAI 6.10							
842	1	29.71					0
		0	0.41	-0.57	0	0	0
		4.8	0.41	1.38	0	0	0
	2	104.87					0
		0	1.14	-1.47	0	0	0
		4.8	1.13	3.92	0	0	0
856	1	25.9					0
		0	0.38	-0.56	0	0	0
		4.8	0.38	1.26	0	0	0
	2	95.43					0
		0	1.06	-1.4	0	0	0
		4.8	1.06	3.63	0	0	0
870	1	23.62					0
		0	0.36	-0.54	0	-0.01	0
		4.8	0.36	1.18	0	0	0

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS TWO BRACE"
DATA PORTAL 3D UNTUK SHEAR DAN MOMENT
FRAME ELEMENT FORCES (BRACING 4.75M)

ELT ID	LOAD	AXIAL	DIST	1- 2 PLANE	1- 3 PLANE	AXIAL	
	COMB	FORCE	ENDI	SHEAR	MOMENT	SHEAR	MOMENT
							TORQ
2	87.74						0
		0	0.99	-1.31	0	-0.01	0
		4.8	0.99	3.39	0	0	0
884	1	21.58					0
		0	0.34	-0.51	0	-0.01	0
		4.8	0.34	1.11	0	0	0
	2	79.93					0
		0	0.91	-1.2	0	-0.01	0
		4.8	0.91	3.12	0	0	0
898	1	19.78					0
		0	0.32	-0.47	0	-0.01	0
		4.8	0.31	1.03	0	0	0
	2	72.2					0
		0	0.83	-1.1	0	-0.01	0
		4.8	0.83	2.85	0	0	0
LANTAI 11-15							
912	1	14.52					0
		0	0.35	-0.54	0.01	-0.03	0
		4.8	0.35	1.12	0.01	0	0
	2	54.27					0
		0	0.83	-1.11	0	-0.02	0
		4.8	0.83	2.85	0	0	0
926	1	9.63					0
		0	0.32	-0.59	0	0	0
		4.8	0.32	0.95	0	0	0
	2	36.44					0
		0	0.69	-1.12	0	-0.01	0
		4.8	0.69	2.17	0	0	0
940	1	5.67					0
		0	0.25	-0.48	0	0	0
		4.8	0.25	0.72	0	0	0
	2	23.66					0
		0	0.5	-0.83	0	-0.02	0
		4.8	0.49	1.52	0	0	0
954	1	0.45					0
		0	0.17	-0.34	0	-0.01	0
		4.8	0.16	0.44	0	0	0
	2	8.81					0
		0	0.26	-0.47	0.01	-0.02	0
		4.8	0.25	0.74	0.01	0	0
968	1	-3.94					0
		0	0.05	-0.15	0	-0.01	0
		4.8	0.05	0.08	0	0	0
	2	-6.62					0
		0	-0.03	-0.03	0	-0.02	0
		4.8	-0.04	-0.19	0	0	0

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS TWO BRACE"
DATA PORTAL 3D UNTUK SHEAR DAN MOMENT
FRAME ELEMENT FORCES (BRACING 5.13M)

ELT ID	LOAD	AXIAL	DIST	1- 2 PLANE	1- 3 PLANE	AXIAL	
	COMB	FORCE	ENDI	SHEAR	MOMENT	SHEAR	MOMENT TORQ
LANTA 1-5							
778	1	65.76					0
			0	1.33	-3.07	-0.12	-0.03
			5.7	1.32	4.47	-0.12	-0.69
2	8.1						0
			0	0.42	-0.98	-0.1	-0.14
			5.7	0.41	1.39	-0.1	-0.7
LANTA 6-10							
806	1	85.18					0
			0	1.15	-1.51	0	0.01
			5.1	0.42	1.56	0	0
1	82.49						0
			0	1.17	-1.65	0	0.01
			5.1	1.17	4.35	0	0
2	18.96						0
			0	0.43	-0.65	0	0
			5.1	0.43	1.55	0	0
820	1	80.89					0
			0	1.13	-1.56	0	0
			5.1	1.13	4.23	0	0
2	18.77						0
			0	0.42	-0.62	0	0
			5.1	0.41	1.51	0	0
834	1	76.92					0
			0	1.07	-1.46	0	0.01
			5.1	1.07	4.03	0	0
2	18.21						0
			0	0.41	-0.6	0	0.01
			5.1	0.4	1.47	0	0
848	1	73.02					0
			0	1.04	-1.42	0	0.01
			5.1	1.04	3.9	0	0
2	17.03						0
			0	0.41	-0.6	0	0.01
			5.1	0.4	1.48	0	0
862	1	68.87					0
			0	0.98	-1.31	0	0.02
			5.1	0.97	3.68	0	0
2	16.38						0
			0	0.39	-0.57	0	0.02
			5.1	0.38	1.41	0	0
876	1	64.28					0
			0	0.91	-1.22	0	0.02
			5.1	0.91	3.45	0	0
2	15.58						0
			0	0.37	-0.54	-0.01	0.02
			5.1	0.36	1.34	-0.01	0

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS TWO BRACE"
DATA PORTAL 3D UNTUK SHEAR DAN MOMENT
FRAME ELEMENT FORCES (BRACING 5.13M)

ELT ID	LOAD	AXIAL	DIST	1- 2 PLANE	1- 3 PLANE	AXIAL	
	COMB	FORCE	ENDI	SHEAR	MOMENT	SHEAR	MOMENT TORQ
LANTA 11-15							
890	1	59.09					0
			0	0.84	-1.12	-0.01	0.03
			5.1	0.84	3.2	-0.01	-0.01
2	14.61						0
			0	0.35	-0.5	-0.01	0.03
			5.1	0.34	1.27	-0.01	-0.01
904	1	52.74					0
			0	0.76	-0.99	-0.01	0.03
			5.1	0.75	2.87	-0.01	-0.01
2	13.26						0
			0	0.32	-0.46	-0.01	0.04
			5.1	0.32	1.17	-0.01	-0.01
918	1	46.86					0
			0	0.24	-0.07	-0.01	0.01
			5.1	0.23	1.14	-0.01	-0.02
2	11.83						0
			0	0.13	-0.13	0.01	-0.02
			5.1	0.13	0.54	0.01	0.02
932	1	33.67					0
			0	0.28	-0.38	0.01	-0.03
			5.1	0.27	1.04	0.01	0.03
2	9.42						0
			0	0.15	-0.22	0.04	-0.11
			5.1	0.14	0.51	0.04	0.11
946	1	24.98					0
			0	0.21	-0.28	0.02	-0.05
			5.1	0.21	0.81	0.02	0.05
2	7.69						0
			0	0.12	-0.18	0.05	-0.13
			5.1	0.12	0.44	0.05	0.14
960	1	15.69					0
			0	0.16	-0.19	0.03	-0.06
			5.1	0.15	0.6	0.03	0.07
2	5.49						0
			0	0.11	-0.17	0.05	-0.13
			5.1	0.11	0.4	0.05	0.14
974	1	-11.42					0
			0	0.09	-0.23	-0.01	0.02
			5.1	0.08	0.21	-0.01	-0.01
2	-12.35						0
			0	0.08	-0.24	0	0
			5.1	0.07	0.16	0	0.02

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS TWO BRACE"

JOINT DISPLACEMENTS "U" AND ROTATIONS "R"
LOAD COMBINATION 1 (Gempa Arah X)

JOINT	U(X)	U(Y)	U(Z)	R(X)	R(Y)
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	1.68E-05	3.55E-06	-1.47E-07	-1.46E-06	5.53E-06
22	1.68E-05	4.49E-06	-7.46E-07	-1.79E-06	4.56E-06
23	1.68E-05	4.96E-06	-7.94E-07	-1.92E-06	4.58E-06
24	1.68E-05	4.50E-06	-7.93E-07	-1.79E-06	4.57E-06
25	1.67E-05	3.59E-06	-4.77E-07	-1.47E-06	4.72E-06
26	1.34E-05	3.57E-06	-3.99E-07	-1.31E-06	4.44E-06
27	1.39E-05	4.64E-06	4.23E-07	-1.41E-06	3.95E-06
28	1.44E-05	5.13E-06	-5.48E-07	-1.54E-06	4.33E-06
29	1.42E-05	4.68E-06	-1.60E-06	-1.38E-06	4.42E-06
30	1.38E-05	3.61E-06	-5.88E-07	-1.32E-06	3.93E-06
31	1.37E-05	3.58E-06	-1.59E-07	-1.35E-06	4.23E-06
32	1.41E-05	4.71E-06	-3.25E-07	-1.62E-06	4.24E-06
33	1.47E-05	5.27E-06	-1.44E-06	-1.76E-06	4.39E-06
34	1.45E-05	4.84E-06	-2.16E-06	-1.64E-06	4.26E-06
35	1.40E-05	3.62E-06	-3.37E-07	-1.37E-06	4.26E-06
36	1.67E-05	3.62E-06	-5.18E-07	-1.17E-06	5.46E-06
37	1.68E-05	4.72E-06	-1.35E-06	-1.16E-06	4.57E-06
38	1.68E-05	5.26E-06	-1.42E-06	-1.27E-06	4.59E-06
39	1.68E-05	4.83E-06	-1.42E-06	-1.14E-06	4.57E-06
40	1.68E-05	3.66E-06	-8.60E-07	-1.19E-06	4.81E-06
41	3.96E-05	9.93E-06	-2.56E-07	-1.96E-06	5.70E-06
42	3.95E-05	1.08E-05	-1.30E-06	-1.90E-06	5.30E-06
43	3.94E-05	1.16E-05	-1.39E-06	-1.89E-06	5.29E-06
44	3.93E-05	1.07E-05	-1.38E-06	-1.85E-06	5.28E-06
45	3.99E-05	1.01E-05	-8.30E-07	-1.98E-06	5.85E-06
46	2.94E-05	9.91E-06	-7.09E-07	-1.85E-06	4.18E-06
47	2.93E-05	1.08E-05	6.84E-07	-1.61E-06	3.80E-06
48	2.94E-05	1.16E-05	-9.99E-07	-1.59E-06	4.01E-06
49	2.96E-05	1.06E-05	-2.82E-06	-1.54E-06	4.06E-06
50	2.96E-05	1.00E-05	-1.04E-06	-1.87E-06	3.77E-06
51	2.98E-05	9.91E-06	-2.85E-07	-1.88E-06	4.06E-06
52	2.97E-05	1.09E-05	-6.00E-07	-1.75E-06	4.02E-06
53	2.96E-05	1.17E-05	-2.53E-06	-1.72E-06	4.05E-06
54	3.00E-05	1.08E-05	-3.77E-06	-1.68E-06	3.92E-06
55	3.00E-05	1.00E-05	-6.00E-07	-1.90E-06	3.99E-06
56	3.96E-05	9.90E-06	-9.27E-07	-1.73E-06	6.03E-06
57	3.95E-05	1.09E-05	-2.40E-06	-1.40E-06	5.31E-06
58	3.95E-05	1.16E-05	-2.52E-06	-1.36E-06	5.30E-06

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS TWO BRACE"

JOINT DISPLACEMENTS "U" AND ROTATIONS "R"
LOAD COMBINATION 1 (Gempa Arah X)

JOINT	U(X)	U(Y)	U(Z)	R(X)	R(Y)
59	3.94E-05	1.08E-05	-2.52E-06	-1.31E-06	5.27E-06
60	3.94E-05	1.00E-05	-1.53E-06	-1.76E-06	5.54E-06
61	6.34E-05	1.77E-05	-3.69E-07	-2.20E-06	5.82E-06
62	6.33E-05	1.74E-05	-1.81E-06	-1.92E-06	5.30E-06
63	6.33E-05	1.77E-05	-1.94E-06	-1.83E-06	5.30E-06
64	6.32E-05	1.69E-05	-1.94E-06	-1.86E-06	5.28E-06
65	6.32E-05	1.80E-05	-1.16E-06	-2.23E-06	5.77E-06
66	4.46E-05	1.77E-05	-9.98E-07	-2.10E-06	4.05E-06
67	4.43E-05	1.73E-05	8.65E-07	-1.65E-06	3.75E-06
68	4.44E-05	1.77E-05	-1.45E-06	-1.45E-06	4.07E-06
69	4.46E-05	1.69E-05	-3.94E-06	-1.56E-06	4.05E-06
70	4.46E-05	1.79E-05	-1.47E-06	-2.13E-06	3.63E-06
71	4.52E-05	1.77E-05	-4.03E-07	-2.14E-06	3.93E-06
72	4.49E-05	1.74E-05	-8.72E-07	-1.82E-06	4.00E-06
73	4.49E-05	1.77E-05	-3.50E-06	-1.65E-06	4.12E-06
74	4.51E-05	1.70E-05	-5.19E-06	-1.72E-06	3.90E-06
75	4.52E-05	1.79E-05	-8.45E-07	-2.17E-06	3.85E-06
76	6.35E-05	1.77E-05	-1.31E-06	-1.99E-06	6.05E-06
77	6.34E-05	1.74E-05	-3.37E-06	-1.45E-06	5.30E-06
78	6.33E-05	1.78E-05	-3.54E-06	-1.34E-06	5.30E-06
79	6.33E-05	1.70E-05	-3.55E-06	-1.33E-06	5.28E-06
80	6.33E-05	1.79E-05	-2.14E-06	-2.02E-06	5.55E-06
81	8.68E-05	2.62E-05	-4.89E-07	-2.29E-06	5.57E-06
82	8.66E-05	2.40E-05	-2.30E-06	-1.90E-06	5.10E-06
83	8.66E-05	2.40E-05	-2.46E-06	-1.88E-06	5.09E-06
84	8.65E-05	2.32E-05	-2.46E-06	-1.85E-06	5.07E-06
85	8.64E-05	2.65E-05	-1.45E-06	-2.33E-06	5.51E-06
86	5.95E-05	2.61E-05	-1.27E-06	-2.19E-06	4.00E-06
87	5.92E-05	2.39E-05	9.70E-07	-1.64E-06	3.71E-06
88	5.92E-05	2.40E-05	-1.91E-06	-1.62E-06	3.99E-06
89	5.94E-05	2.31E-05	-4.96E-06	-1.56E-06	3.97E-06
90	5.94E-05	2.65E-05	-1.86E-06	-2.23E-06	3.59E-06
91	6.03E-05	2.61E-05	-5.12E-07	-2.22E-06	3.85E-06
92	6.00E-05	2.40E-05	-1.15E-06	-1.79E-06	3.90E-06
93	6.00E-05	2.41E-05	-4.37E-06	-1.78E-06	4.06E-06
94	6.01E-05	2.32E-05	-6.43E-06	-1.71E-06	3.83E-06
95	6.01E-05	2.65E-05	-1.07E-06	-2.26E-06	3.79E-06
96	8.69E-05	2.61E-05	-1.68E-06	-2.08E-06	5.79E-06
97	8.67E-05	2.40E-05	-4.26E-06	-1.44E-06	5.11E-06
98	8.67E-05	2.41E-05	-4.49E-06	-1.39E-06	5.09E-06
99	8.66E-05	2.32E-05	-4.50E-06	-1.34E-06	5.06E-06
100	8.66E-05	2.65E-05	-2.69E-06	-2.12E-06	5.29E-06
101	1.09E-04	3.47E-05	-6.13E-07	-2.32E-06	5.23E-06
102	1.09E-04	3.05E-05	-2.74E-06	-1.92E-06	4.77E-06
103	1.09E-04	3.05E-05	-2.95E-06	-1.96E-06	4.75E-06
104	1.09E-04	2.94E-05	-2.94E-06	-1.91E-06	4.71E-06
105	1.09E-04	3.53E-05	-1.72E-06	-2.37E-06	5.38E-06
106	7.42E-05	3.47E-05	-1.51E-06	-2.18E-06	3.96E-06
107	7.36E-05	3.03E-05	1.01E-06	-1.56E-06	3.54E-06
108	7.38E-05	3.04E-05	-2.35E-06	-1.58E-06	3.95E-06
109	7.39E-05	2.93E-05	-5.68E-06	-1.50E-06	3.92E-06
110	7.38E-05	3.52E-05	-2.22E-06	-2.22E-06	3.39E-06
111	7.49E-05	3.47E-05	-6.14E-07	-2.23E-06	3.70E-06
112	7.46E-05	3.04E-05	-1.41E-06	-1.77E-06	3.78E-06
113	7.45E-05	3.05E-05	-5.14E-06	-1.77E-06	3.93E-06
114	7.47E-05	2.94E-05	-7.49E-06	-1.72E-06	3.67E-06
115	7.47E-05	3.52E-05	-1.28E-06	-2.28E-06	3.64E-06
116	1.09E-04	3.47E-05	-2.02E-06	-2.04E-06	5.63E-06

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS TWO BRACE"

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS TWO BRACE"

JOINT DISPLACEMENTS "U" AND ROTATIONS "R"
LOAD COMBINATION 1 (Gempa Arah X)

JOINT	U(X)	U(Y)	U(Z)	R(X)	R(Y)
117	1.09E-04	3.04E-05	-5.07E-06	-1.30E-06	4.77E-06
118	1.09E-04	3.05E-05	-5.35E-06	-1.29E-06	4.75E-06
119	1.09E-04	2.94E-05	-5.37E-06	-1.22E-06	4.71E-06
120	1.09E-04	3.52E-05	-3.19E-06	-2.10E-06	4.97E-06
121	1.31E-04	4.34E-05	-8.21E-07	-2.28E-06	5.57E-06
122	1.31E-04	3.68E-05	-3.41E-06	-1.97E-06	4.23E-06
123	1.31E-04	3.70E-05	-3.67E-06	-2.00E-06	4.25E-06
124	1.31E-04	3.55E-05	-3.67E-06	-1.95E-06	4.21E-06
125	1.31E-04	4.41E-05	-2.12E-06	-2.34E-06	4.26E-06
126	8.86E-05	4.33E-05	-1.91E-06	-2.05E-06	3.88E-06
127	8.81E-05	3.67E-05	9.61E-07	-1.45E-06	3.25E-06
128	8.80E-05	3.69E-05	-3.09E-06	-1.44E-06	3.86E-06
129	8.81E-05	3.55E-05	-7.35E-06	-1.36E-06	3.89E-06
130	8.82E-05	4.41E-05	-2.80E-06	-2.11E-06	3.04E-06
131	8.93E-05	4.33E-05	-7.78E-07	-2.14E-06	3.50E-06
132	8.88E-05	3.68E-05	-1.87E-06	-1.81E-06	3.63E-06
133	8.87E-05	3.69E-05	-6.34E-06	-1.81E-06	3.86E-05
134	8.89E-05	3.55E-05	-9.07E-06	-1.71E-06	3.48E-06
135	8.89E-05	4.41E-05	-1.61E-06	-2.20E-06	3.40E-06
136	1.31E-04	4.33E-05	-2.53E-06	-1.90E-06	5.35E-06
137	1.31E-04	3.68E-05	-6.26E-06	-1.14E-06	4.25E-06
138	1.31E-04	3.69E-05	-6.62E-06	-1.10E-06	4.24E-06
139	1.31E-04	3.55E-05	-6.64E-06	-9.77E-07	4.17E-06
140	1.31E-04	4.41E-05	-3.90E-06	-1.97E-06	4.46E-06
141	1.51E-04	5.15E-05	-1.01E-06	-2.12E-06	4.23E-06
142	1.51E-04	4.31E-05	-3.96E-06	-1.92E-06	3.79E-06
143	1.51E-04	4.31E-05	-4.29E-06	-1.93E-06	3.75E-06
144	1.51E-04	4.12E-05	-4.27E-06	-1.82E-06	3.67E-06
145	1.51E-04	5.25E-05	-2.45E-06	-2.20E-06	4.39E-06
146	1.02E-04	5.14E-05	-2.27E-06	-1.89E-06	3.74E-06
147	1.02E-04	4.30E-05	8.21E-07	-1.43E-06	3.14E-06
148	1.02E-04	4.30E-05	-3.79E-06	-1.40E-06	3.71E-06
149	1.02E-04	4.11E-05	-8.64E-06	-1.24E-06	3.70E-06
150	1.02E-04	5.25E-05	-3.33E-06	-1.98E-06	2.93E-06
151	1.03E-04	5.14E-05	-9.26E-07	-1.97E-06	3.38E-06
152	1.03E-04	4.30E-05	-2.32E-06	-1.77E-06	3.49E-06
153	1.02E-04	4.31E-05	-7.37E-06	-1.74E-06	3.70E-06
154	1.03E-04	4.12E-05	-1.04E-06	-1.58E-06	3.32E-06
155	1.03E-04	5.25E-05	-1.91E-06	-2.06E-06	3.26E-06
156	1.51E-04	5.14E-05	-2.99E-06	-1.75E-06	4.73E-06
157	1.51E-04	4.30E-05	-7.32E-06	-1.14E-06	3.77E-06
158	1.51E-04	4.31E-05	-7.76E-06	-1.08E-06	3.73E-06
159	1.51E-04	4.12E-05	-7.79E-06	-8.94E-07	3.66E-06
160	1.51E-04	5.24E-05	-4.52E-06	-1.84E-06	3.85E-06
161	1.68E-04	5.88E-05	-1.19E-06	-1.92E-06	3.69E-06
162	1.68E-04	4.92E-05	-4.46E-06	-1.87E-06	3.17E-06
163	1.68E-04	4.92E-05	-4.84E-06	-1.91E-06	3.15E-06
164	1.68E-04	4.65E-05	-4.82E-06	-1.73E-06	3.09E-06
165	1.68E-04	6.03E-05	-2.74E-06	-2.03E-06	3.55E-06
166	1.16E-04	5.88E-05	-2.60E-06	-1.69E-06	3.57E-06
167	1.15E-04	4.91E-05	6.02E-07	-1.37E-06	2.96E-06
168	1.15E-04	4.90E-05	-4.45E-06	-1.38E-06	3.53E-06
169	1.15E-04	4.64E-05	-9.77E-06	-1.16E-06	3.53E-06
170	1.15E-04	6.03E-05	-3.80E-06	-1.81E-06	2.75E-06
171	1.16E-04	5.88E-05	-1.06E-06	-1.78E-06	3.21E-06
172	1.16E-04	4.91E-05	-2.74E-06	-1.73E-06	3.32E-06
173	1.15E-04	4.91E-05	-8.25E-06	-1.71E-06	3.50E-06
174	1.16E-04	4.64E-05	-1.14E-06	-1.47E-06	3.13E-06

JOINT DISPLACEMENTS "U" AND ROTATIONS "R"
LOAD COMBINATION 1 (Gempa Arah X)

JOINT	U(X)	U(Y)	U(Z)	R(X)	R(Y)
175	1.16E-04	6.02E-05	-2.17E-06	-1.89E-06	3.08E-06
176	1.69E-04	5.87E-05	-3.42E-06	-1.56E-06	4.05E-06
177	1.68E-04	4.91E-05	-8.25E-06	-1.09E-06	3.17E-06
178	1.68E-04	4.91E-05	-8.77E-06	-1.04E-06	3.13E-06
179	1.68E-04	4.64E-05	-8.81E-06	-7.67E-07	3.05E-06
180	1.68E-04	6.02E-05	-5.07E-06	-1.68E-06	3.15E-06
181	1.83E-04	6.54E-05	-1.37E-06	-1.70E-06	2.89E-06
182	1.82E-04	5.51E-05	-4.90E-06	-1.80E-06	2.48E-06
183	1.82E-04	5.51E-05	-5.34E-06	-1.86E-06	2.44E-06
184	1.82E-04	5.14E-05	-5.32E-06	-1.70E-06	2.39E-06
185	1.82E-04	6.74E-05	-3.00E-06	-1.84E-06	2.74E-06
186	1.28E-04	6.53E-05	-2.88E-06	-1.47E-06	3.35E-06
187	1.28E-04	5.49E-05	3.22E-07	-1.31E-06	2.78E-06
188	1.27E-04	5.49E-05	-5.04E-06	-1.34E-06	3.29E-06
189	1.27E-04	5.13E-05	-1.08E-06	-1.13E-06	3.29E-06
190	1.27E-04	6.73E-05	-4.22E-06	-1.61E-06	2.58E-06
191	1.29E-04	6.53E-05	-1.17E-06	-1.55E-06	3.00E-06
192	1.28E-04	5.50E-05	-3.13E-06	-1.65E-06	3.08E-06
193	1.28E-04	5.50E-05	-8.99E-06	-1.65E-06	3.25E-06
194	1.28E-04	5.13E-05	-1.21E-06	-1.35E-06	2.91E-06
195	1.28E-04	6.73E-05	-2.40E-06	-1.69E-06	2.87E-06
196	1.82E-04	6.53E-05	-3.79E-06	-1.34E-06	3.25E-06
197	1.82E-04	5.50E-05	-9.06E-06	-1.04E-06	2.48E-06
198	1.82E-04	5.50E-05	-9.66E-06	-1.01E-06	2.43E-06
199	1.82E-04	5.12E-05	-9.71E-06	-7.26E-07	2.34E-06
200	1.82E-04	6.73E-05	-5.54E-06	-1.48E-06	2.33E-06
201	1.93E-04	7.10E-05	-1.55E-06	-1.49E-06	1.79E-06
202	1.93E-04	6.07E-05	-5.29E-06	-1.81E-06	1.69E-06
203	1.92E-04	6.06E-05	-5.78E-06	-1.88E-06	1.64E-06
204	1.92E-04	5.71E-05	-5.75E-06	-2.35E-06	1.58E-06
205	1.92E-04	7.36E-05	-3.22E-06	-1.66E-06	1.98E-06
206	1.40E-04	7.09E-05	-3.12E-06	-1.21E-06	3.08E-06
207	1.39E-04	6.05E-05	-2.11E-06	-1.19E-06	2.26E-06
208	1.39E-04	6.06E-05	-5.59E-06	-1.24E-06	2.99E-06
209	1.39E-04	5.87E-05	-1.16E-06	-1.51E-06	3.08E-06
210	1.39E-04	7.35E-05	-4.58E-06	-1.37E-06	2.04E-06
211	1.40E-04	7.06E-05	-1.27E-06	-1.32E-06	2.52E-06
212	1.39E-04	6.05E-05	-3.48E-06	-1.65E-06	2.74E-06
213	1.39E-04	6.07E-05	-9.58E-06	-1.69E-06	2.94E-06
214	1.39E-04	5.68E-05	-1.26E-06	-2.26E-06	2.51E-06
215	1.39E-04	7.35E-05	-2.60E-06	-1.48E-06	2.50E-06
216	1.93E-04	7.08E-05	-4.12E-06	-1.10E-06	2.31E-06
217	1.92E-04	6.05E-05	-9.75E-06	-9.45E-07	1.66E-06
218	1.92E-04	6.07E-05	-1.04E-06	-9.58E-07	1.62E-06
219	1.92E-04	5.71E-05	-1.05E-06	-1.69E-06	1.57E-06
220	1.92E-04	7.35E-05	-5.93E-06	-1.27E-06	1.40E-06
221	1.96E-04	7.55E-05	-1.72E-06	-1.06E-06	1.46E-06
222	1.98E-04	6.59E-05	-5.67E-06	-1.32E-06	6.13E-07
223	1.96E-04	6.62E-05	-6.20E-06	-1.53E-06	5.68E-07
224	1.98E-04	6.56E-05	-6.16E-06	-2.32E-06	4.92E-07
225	1.98E-04	7.88E-05	-3.43E-06	-1.21E-06	1.05E-07
226	1.48E-04	7.54E-05	-3.53E-06	-7.62E-07	1.96E-06
227	1.48E-04	6.58E-05	-6.74E-07	-6.34E-07	9.24E-07
228	1.48E-04	6.61E-05	-6.51E-06	-8.07E-07	1.89E-06
229	1.48E-04	6.56E-05	-1.29E-06	-2.12E-06	1.80E-06
230	1.48E-04	7.88E-05	-5.17E-06	-9.23E-07	3.71E-07
231	1.48E-04	7.54E-05	-1.43E-06	-9.70E-07	1.40E-06
232	1.48E-04	6.58E-05	-4.09E-06	-1.60E-06	1.59E-06

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS TWO BRACE"

JOINT DISPLACEMENTS "U" AND ROTATIONS "R"
LOAD COMBINATION 1 (Gempa Arah X)

JOINT	U(X)	U(Y)	U(Z)	R(X)	R(Y)
233	1.48E-04	6.62E-05	-1.05E-05	-1.55E-06	1.80E-06
234	1.48E-04	6.80E-05	-1.34E-05	-2.78E-06	1.03E-06
235	1.48E-04	7.87E-05	-2.92E-06	-1.14E-06	9.35E-07
236	1.98E-04	7.53E-05	-4.44E-06	-6.96E-07	1.36E-06
237	1.98E-04	6.58E-05	-1.04E-05	-7.04E-07	7.09E-07
238	1.98E-04	6.62E-05	-1.11E-05	-6.10E-07	5.67E-07
239	1.98E-04	6.80E-05	-1.12E-05	-1.56E-06	3.74E-07
240	1.98E-04	7.87E-05	-6.29E-06	-8.67E-07	1.52E-07
241	2.02E-04	7.88E-05	-1.86E-06	-9.07E-07	7.12E-07
242	2.02E-04	7.02E-05	-5.94E-06	-1.22E-06	6.02E-07
243	2.02E-04	7.09E-05	-6.52E-06	-1.45E-06	4.58E-07
244	2.02E-04	7.32E-05	-6.47E-06	-2.34E-06	3.00E-07
245	2.02E-04	8.30E-05	-3.59E-06	-1.07E-06	5.70E-07
246	1.55E-04	7.88E-05	-3.85E-06	-5.99E-07	1.93E-06
247	1.55E-04	7.02E-05	-1.29E-06	-5.04E-07	8.05E-07
248	1.55E-04	7.09E-05	-7.28E-06	-6.96E-07	1.65E-06
249	1.55E-04	7.31E-05	-1.38E-05	-1.75E-06	1.59E-06
250	1.55E-04	8.30E-05	-5.64E-06	-7.65E-07	3.15E-07
251	1.55E-04	7.88E-05	-1.56E-06	-7.94E-07	1.34E-06
252	1.55E-04	7.02E-05	-4.59E-06	-1.39E-06	1.43E-06
253	1.55E-04	7.10E-05	-1.12E-05	-1.37E-06	1.52E-06
254	1.55E-04	7.63E-05	-1.38E-05	-2.04E-06	8.03E-07
255	1.55E-04	8.29E-05	-3.18E-06	-9.62E-07	8.57E-07
256	2.02E-04	7.87E-05	-4.68E-06	-5.36E-07	1.25E-06
257	2.02E-04	7.02E-05	-1.09E-05	-5.53E-07	6.15E-07
258	2.02E-04	7.10E-05	-1.17E-05	-4.92E-07	4.55E-07
259	2.02E-04	7.63E-05	-1.18E-05	-8.86E-07	2.63E-07
260	2.01E-04	8.29E-05	-6.58E-06	-7.05E-07	-1.41E-08
261	2.05E-04	8.16E-05	-1.97E-06	-7.84E-07	6.93E-07
262	2.05E-04	7.39E-05	-6.15E-06	-1.09E-06	4.72E-07
263	2.05E-04	7.50E-05	-6.77E-06	-1.30E-06	3.52E-07
264	2.05E-04	8.13E-05	-6.72E-06	-2.15E-06	2.24E-07
265	2.05E-04	8.65E-05	-3.72E-06	-9.26E-07	2.97E-07
266	1.62E-04	8.16E-05	-4.09E-06	-4.65E-07	1.69E-06
267	1.61E-04	7.39E-05	-1.79E-06	-3.41E-07	5.99E-07
268	1.61E-04	7.50E-05	-7.87E-06	-5.22E-07	1.39E-06
269	1.61E-04	8.13E-05	-1.44E-05	-1.77E-06	1.37E-06
270	1.61E-04	8.64E-05	-5.99E-06	-6.06E-07	2.57E-09
271	1.61E-04	8.15E-05	-1.67E-06	-6.69E-07	1.06E-06
272	1.60E-04	7.39E-05	-4.96E-06	-1.21E-06	1.21E-06
273	1.60E-04	7.50E-05	-1.17E-05	-1.19E-06	1.23E-06
274	1.60E-04	8.24E-05	-1.41E-05	-1.64E-06	5.79E-07
275	1.60E-04	8.64E-05	-3.37E-06	-8.08E-07	5.06E-07
276	2.05E-04	8.15E-05	-4.87E-06	-4.02E-07	1.12E-06
277	2.05E-04	7.39E-05	-1.13E-05	-3.72E-07	5.18E-07
278	2.05E-04	7.50E-05	-1.21E-05	-3.01E-07	3.51E-07
279	2.04E-04	8.24E-05	-1.22E-05	-5.70E-07	1.56E-07
280	2.04E-04	8.64E-05	-6.78E-06	-5.42E-07	-1.76E-07
281	2.07E-04	8.37E-05	-2.06E-06	-6.13E-07	2.80E-07
282	2.07E-04	7.69E-05	-6.32E-06	-8.68E-07	3.57E-07
283	2.07E-04	7.83E-05	-6.95E-06	-1.04E-06	1.88E-07
284	2.07E-04	8.65E-05	-6.92E-06	-1.24E-06	2.47E-08
285	2.07E-04	8.91E-05	-3.81E-06	-7.06E-07	2.28E-07
286	1.67E-04	8.37E-05	-4.25E-06	-3.60E-07	1.49E-06
287	1.66E-04	7.68E-05	-2.14E-06	-2.14E-07	4.75E-07
288	1.66E-04	7.82E-05	-8.26E-06	-3.60E-07	1.18E-06
289	1.66E-04	8.65E-05	-1.47E-05	-7.74E-07	1.11E-06
290	1.66E-04	8.91E-05	-6.21E-06	-4.50E-07	8.62E-08

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS TWO BRACE"

JOINT DISPLACEMENTS "U" AND ROTATIONS "R"
LOAD COMBINATION 1 (Gempa Arah X)

JOINT	U(X)	U(Y)	U(Z)	R(X)	R(Y)
291	1.65E-04	8.36E-05	-1.74E-06	-5.11E-07	9.89E-07
292	1.65E-04	7.68E-05	-5.17E-06	-9.69E-07	1.10E-06
293	1.65E-04	7.82E-05	-1.21E-05	-9.11E-07	1.06E-06
294	1.65E-04	8.66E-05	-1.42E-05	-8.49E-07	4.61E-07
295	1.65E-04	8.90E-05	-3.50E-06	-5.99E-07	6.63E-07
296	2.07E-04	8.36E-05	-5.00E-06	-3.01E-07	8.12E-07
297	2.07E-04	7.68E-05	-1.15E-05	-2.53E-07	3.82E-07
298	2.06E-04	7.82E-05	-1.24E-05	-1.56E-07	1.90E-07
299	2.06E-04	8.66E-05	-1.24E-05	-7.65E-08	-1.10E-08
300	2.06E-04	8.90E-05	-6.91E-06	-3.90E-07	-3.36E-07
301	2.08E-04	8.53E-05	-2.12E-06	-7.59E-07	1.12E-06
302	2.08E-04	7.89E-05	-6.43E-06	-9.16E-07	1.52E-07
303	2.06E-04	8.06E-05	-7.07E-06	-1.22E-06	6.94E-08
304	2.08E-04	8.80E-05	-7.06E-06	-1.33E-06	1.39E-08
305	2.06E-04	9.10E-05	-3.87E-06	-8.17E-07	-9.28E-07
306	1.71E-04	8.53E-05	-4.33E-06	-1.19E-07	1.48E-06
307	1.71E-04	7.89E-05	-2.31E-06	3.36E-07	1.06E-07
308	1.71E-04	8.05E-05	-8.37E-06	1.04E-07	1.15E-06
309	1.71E-04	8.79E-05	-1.48E-05	2.00E-07	1.39E-06
310	1.71E-04	9.10E-05	-6.32E-06	-1.69E-07	-1.31E-06
311	1.70E-04	8.52E-05	-1.78E-06	-5.21E-07	7.74E-07
312	1.70E-04	7.89E-05	-5.27E-06	-1.18E-06	1.10E-06
313	1.69E-04	8.03E-05	-1.22E-05	-9.69E-07	1.28E-06
314	1.69E-04	8.75E-05	-1.43E-05	-6.04E-07	1.55E-07
315	1.69E-04	9.09E-05	-3.57E-06	-5.65E-07	-6.34E-07
316	2.07E-04	8.52E-05	-5.06E-06	-6.97E-09	1.16E-06
317	2.07E-04	7.68E-05	-1.16E-05	1.59E-07	2.95E-07
318	2.07E-04	8.03E-05	-1.25E-05	4.54E-07	8.41E-08
319	2.07E-04	8.75E-05	-1.26E-06	7.99E-07	-1.30E-07
320	2.07E-04	9.08E-05	-6.97E-06	-5.32E-08	-9.98E-07

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS TWO BRACE"

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS TWO BRACE"

JOINT DISPLACEMENTS "U" AND ROTATIONS "R"
LOAD COMBINATION 1 (Gempa Arsh Y)

JOINT	U(X)	U(Y)	U(Z)	R(X)	R(Y)
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	0	0	0	0	0
13	0	0	0	0	0
14	0	0	0	0	0
15	0	0	0	0	0
16	0	0	0	0	0
17	0	0	0	0	0
18	0	0	0	0	0
19	0	0	0	0	0
20	0	0	0	0	0
21	5.07E-06	1.15E-05	-7.71E-08	-4.36E-06	1.95E-06
22	5.08E-06	1.37E-05	-5.46E-07	-4.75E-06	1.38E-06
23	5.08E-06	1.40E-05	-5.68E-07	-4.82E-06	1.39E-06
24	5.06E-06	1.36E-05	-5.45E-07	-4.70E-06	1.39E-06
25	5.04E-06	1.15E-05	-1.71E-07	-4.38E-06	1.15E-06
26	3.85E-06	1.15E-05	-4.27E-07	-4.24E-06	1.49E-06
27	4.05E-06	1.40E-05	7.07E-07	-4.44E-06	1.03E-06
28	4.31E-06	1.43E-05	4.03E-07	-4.51E-06	1.29E-06
29	4.36E-06	1.39E-05	1.58E-08	-4.38E-06	1.48E-06
30	4.29E-06	1.15E-05	-4.91E-07	-4.24E-06	1.02E-06
31	3.89E-06	1.15E-05	-2.57E-07	-4.29E-06	1.23E-06
32	4.00E-06	1.40E-05	-1.97E-06	-4.66E-06	1.23E-06
33	4.30E-06	1.44E-05	-2.39E-06	-4.75E-06	1.30E-06
34	4.40E-06	1.40E-05	-2.39E-06	-4.61E-06	1.26E-06
35	4.24E-06	1.15E-05	-3.06E-07	-4.29E-06	1.29E-06
36	4.91E-06	1.15E-05	-8.23E-07	-4.07E-06	1.84E-06
37	4.86E-06	1.39E-05	-1.60E-06	-4.09E-06	1.36E-06
38	5.00E-06	1.43E-05	-1.64E-06	-4.16E-06	1.37E-06
39	5.03E-06	1.39E-05	-1.62E-06	-4.04E-06	1.36E-06
40	5.05E-06	1.15E-05	-9.30E-07	-4.07E-06	1.21E-06
41	1.20E-05	3.19E-05	-1.26E-07	-6.03E-06	1.67E-06
42	1.20E-05	3.26E-05	-9.40E-07	-5.25E-06	1.61E-06
43	1.19E-05	3.29E-05	-9.81E-07	-5.17E-06	1.60E-06
44	1.19E-05	3.21E-05	-9.38E-07	-5.13E-06	1.58E-06
45	1.18E-05	3.18E-05	-2.69E-07	-6.03E-06	1.83E-06
46	8.67E-06	3.18E-05	-7.60E-07	-5.96E-06	1.38E-06
47	8.62E-06	3.25E-05	1.17E-06	-5.01E-06	1.04E-06
48	8.79E-06	3.29E-05	6.44E-07	-4.93E-06	1.21E-06
49	9.00E-06	3.21E-05	-3.32E-08	-4.88E-06	1.32E-06
50	8.98E-06	3.18E-05	-8.74E-07	-5.96E-06	1.01E-06
51	8.65E-06	3.18E-05	-4.59E-07	-6.00E-06	1.23E-06
52	8.61E-06	3.26E-05	-3.45E-06	-5.15E-06	1.23E-06
53	8.66E-06	3.30E-05	-4.18E-06	-5.05E-06	1.23E-06
54	9.11E-06	3.22E-05	-4.15E-06	-5.01E-06	1.18E-06
55	9.11E-06	3.18E-05	-5.44E-07	-6.00E-06	1.20E-06
56	1.18E-05	3.18E-05	-1.47E-06	-5.80E-06	1.96E-06
57	1.18E-05	3.25E-05	-2.84E-06	-4.73E-06	1.59E-06
58	1.17E-05	3.29E-05	-2.92E-06	-4.62E-06	1.58E-06

JOINT DISPLACEMENTS "U" AND ROTATIONS "R"
LOAD COMBINATION 1 (Gempa Arsh Y)

JOINT	U(X)	U(Y)	U(Z)	R(X)	R(Y)
59	1.17E-05	3.21E-05	-2.88E-06	-4.59E-06	1.56E-06
60	1.17E-05	3.18E-05	-1.65E-06	-5.80E-06	1.48E-06
61	1.92E-05	5.69E-05	-1.80E-07	-6.83E-06	1.77E-06
62	1.92E-05	5.25E-05	-1.31E-06	-5.39E-06	1.61E-06
63	1.91E-05	5.23E-05	-1.37E-06	-5.23E-06	1.60E-06
64	1.91E-05	5.15E-05	-1.31E-06	-5.24E-06	1.59E-06
65	1.91E-05	5.69E-05	-4.03E-07	-6.83E-06	1.74E-06
66	1.32E-05	5.68E-05	-1.07E-06	-6.78E-06	1.35E-06
67	1.32E-05	5.23E-05	1.52E-06	-5.21E-06	1.02E-06
68	1.33E-05	5.21E-05	7.92E-07	-4.96E-06	1.23E-06
69	1.35E-05	5.13E-05	-1.41E-07	-5.05E-06	1.33E-06
70	1.35E-05	5.68E-05	-1.23E-06	-6.78E-06	9.66E-07
71	1.33E-05	5.68E-05	-6.46E-07	-6.81E-06	1.20E-06
72	1.32E-05	5.24E-05	-4.76E-06	-5.38E-06	1.23E-06
73	1.34E-05	5.21E-05	-5.75E-06	-5.13E-06	1.24E-06
74	1.37E-05	5.14E-05	-5.69E-06	-5.20E-06	1.15E-06
75	1.37E-05	5.68E-05	-7.65E-07	-6.82E-06	1.14E-06
76	1.89E-05	5.68E-05	-2.07E-06	-6.61E-06	1.97E-06
77	1.89E-05	5.24E-05	-3.99E-06	-4.89E-06	1.58E-06
78	1.88E-05	5.21E-05	-4.11E-06	-4.71E-06	1.58E-06
79	1.88E-05	5.14E-05	-4.05E-06	-4.71E-06	1.56E-06
80	1.88E-05	5.68E-05	-2.32E-06	-6.61E-06	1.48E-06
81	2.63E-05	8.39E-05	-2.43E-07	-7.12E-06	1.70E-06
82	2.62E-05	7.29E-05	-1.66E-06	-5.43E-06	1.55E-06
83	2.62E-05	7.21E-05	-1.73E-06	-5.33E-06	1.54E-06
84	2.62E-05	7.12E-05	-1.65E-06	-5.28E-06	1.53E-06
85	2.62E-05	8.40E-05	-5.15E-07	-7.13E-06	1.66E-06
86	1.77E-05	8.38E-05	-1.36E-06	-7.07E-06	1.33E-06
87	1.77E-05	7.27E-05	1.77E-06	-5.26E-06	1.02E-06
88	1.78E-05	7.18E-05	8.42E-07	-5.17E-06	1.21E-06
89	1.80E-05	7.10E-05	-3.04E-07	-5.10E-06	1.29E-06
90	1.80E-05	8.39E-05	-1.56E-06	-7.08E-06	9.56E-07
91	1.78E-05	8.38E-05	-8.17E-07	-7.10E-06	1.18E-06
92	1.77E-05	7.27E-05	-5.90E-06	-5.41E-06	1.20E-06
93	1.79E-05	7.19E-05	-7.11E-06	-5.33E-06	1.21E-06
94	1.82E-05	7.10E-05	-7.02E-06	-5.24E-06	1.12E-06
95	1.82E-05	8.38E-05	-9.67E-07	-7.12E-06	1.12E-06
96	2.58E-05	8.38E-05	-2.62E-06	-6.90E-06	1.89E-06
97	2.58E-05	7.27E-05	-5.05E-06	-4.93E-06	1.53E-06
98	2.58E-05	7.19E-05	-5.21E-06	-4.83E-06	1.51E-06
99	2.57E-05	7.10E-05	-5.14E-06	-4.77E-06	1.49E-06
100	2.57E-05	8.38E-05	-2.93E-06	-6.91E-06	1.40E-06
101	3.29E-05	1.12E-04	-3.14E-07	-7.14E-06	1.53E-06
102	3.29E-05	9.32E-05	-1.98E-06	-5.42E-06	1.47E-06
103	3.29E-05	9.21E-05	-2.07E-06	-5.37E-06	1.44E-06
104	3.29E-05	9.09E-05	-1.97E-06	-5.29E-06	1.41E-06
105	3.30E-05	1.12E-04	-6.26E-07	-7.17E-06	1.70E-06
106	2.23E-05	1.11E-04	-1.63E-06	-7.05E-06	1.37E-06
107	2.21E-05	9.29E-05	1.91E-06	-5.18E-06	9.33E-07
108	2.22E-05	9.18E-05	8.21E-07	-5.13E-06	1.21E-06
109	2.23E-05	9.06E-05	-5.16E-07	-5.02E-06	1.34E-06
110	2.23E-05	1.11E-04	-1.87E-06	-7.08E-06	8.73E-07
111	2.22E-05	1.11E-04	-9.73E-07	-7.10E-06	1.14E-06
112	2.21E-05	9.29E-05	-6.90E-06	-5.37E-06	1.19E-06
113	2.23E-05	9.18E-05	-8.29E-06	-5.31E-06	1.18E-06
114	2.25E-05	9.07E-05	-8.14E-06	-5.24E-06	1.05E-06
115	2.25E-05	1.11E-04	-1.15E-06	-7.13E-06	1.06E-06
116	3.24E-05	1.11E-04	-3.12E-06	-6.86E-06	1.89E-06

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS TWO BRACE"

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS TWO BRACE"

JOINT DISPLACEMENTS "U" AND ROTATIONS "R"
LOAD COMBINATION 1 (Gempa Arah Y)

JOINT	U(X)	U(Y)	U(Z)	R(X)	R(Y)
117	3.24E-05	9.29E-05	-6.02E-06	-4.76E-06	1.43E-06
118	3.23E-05	9.18E-05	-6.22E-06	-4.70E-06	1.41E-06
119	3.23E-05	9.06E-05	-6.13E-06	-4.62E-06	1.37E-06
120	3.23E-05	1.11E-04	-3.48E-06	-6.89E-06	1.25E-06
121	3.98E-05	1.39E-04	-4.42E-07	-6.86E-06	2.14E-06
122	3.97E-05	1.14E-04	-2.46E-06	-5.40E-06	1.29E-06
123	3.97E-05	1.12E-04	-2.58E-06	-5.34E-06	1.29E-06
124	3.97E-05	1.11E-04	-2.45E-06	-5.22E-06	1.28E-06
125	3.97E-05	1.40E-04	-8.03E-07	-6.94E-06	8.57E-07
126	2.66E-05	1.39E-04	-2.06E-06	-6.69E-06	1.44E-06
127	2.65E-05	1.13E-04	1.89E-06	-5.02E-06	7.65E-07
128	2.66E-05	1.12E-04	6.60E-07	-4.95E-06	1.18E-06
129	2.66E-05	1.10E-04	-9.84E-07	-4.82E-06	1.48E-06
130	2.68E-05	1.39E-04	-2.37E-06	-6.75E-06	6.94E-07
131	2.65E-05	1.39E-04	-1.22E-06	-6.78E-06	1.10E-06
132	2.64E-05	1.13E-04	-8.39E-06	-5.38E-06	1.14E-06
133	2.65E-05	1.12E-04	-1.01E-05	-5.31E-06	1.15E-06
134	2.68E-05	1.10E-04	-9.77E-06	-5.17E-06	9.77E-07
135	2.68E-05	1.39E-04	-1.44E-06	-6.83E-06	9.60E-07
136	3.90E-05	1.39E-04	-3.84E-06	-6.50E-06	1.90E-06
137	3.89E-05	1.13E-04	-7.44E-06	-4.50E-06	1.29E-06
138	3.89E-05	1.12E-04	-7.70E-06	-4.42E-06	1.25E-06
139	3.89E-05	1.10E-04	-7.59E-06	-4.29E-06	1.20E-06
140	3.89E-05	1.39E-04	-4.27E-06	-6.56E-06	1.00E-06
141	4.60E-05	1.65E-04	-5.56E-07	-6.37E-06	1.23E-06
142	4.59E-05	1.34E-04	-2.85E-06	-5.31E-06	1.19E-06
143	4.58E-05	1.32E-04	-2.90E-06	-5.24E-06	1.14E-06
144	4.57E-05	1.30E-04	-2.83E-06	-5.03E-06	1.09E-06
145	4.56E-05	1.66E-04	-9.53E-07	-6.46E-06	1.41E-06
146	3.08E-05	1.65E-04	-2.46E-06	-6.18E-06	1.37E-06
147	3.07E-05	1.33E-04	1.94E-06	-4.96E-06	7.39E-07
148	3.08E-05	1.32E-04	4.05E-07	-4.87E-06	1.13E-06
149	3.10E-05	1.29E-04	-1.52E-06	-4.63E-06	1.33E-06
150	3.10E-05	1.66E-04	-2.83E-06	-6.27E-06	6.49E-07
151	3.06E-05	1.65E-04	-1.44E-06	-6.26E-06	1.06E-06
152	3.04E-05	1.33E-04	-9.63E-06	-5.30E-06	1.11E-06
153	3.06E-05	1.32E-04	-1.15E-05	-5.22E-06	1.09E-06
154	3.08E-05	1.29E-04	-1.11E-05	-4.97E-06	9.02E-07
155	3.08E-05	1.66E-04	-1.70E-06	-6.35E-06	8.99E-07
156	4.49E-05	1.65E-04	4.48E-06	-6.00E-06	1.70E-06
157	4.48E-05	1.33E-04	-8.72E-06	-4.48E-06	1.15E-06
158	4.48E-05	1.32E-04	-9.04E-06	-4.37E-06	1.10E-06
159	4.47E-05	1.29E-04	-8.90E-06	-4.14E-06	1.04E-06
160	4.47E-05	1.66E-04	-4.97E-06	-6.09E-06	8.20E-07
161	5.12E-05	1.89E-04	-6.77E-07	-5.74E-06	1.17E-06
162	5.11E-05	1.53E-04	-3.20E-06	-5.17E-06	9.95E-07
163	5.11E-05	1.51E-04	-3.37E-06	-5.14E-06	9.64E-07
164	5.10E-05	1.48E-04	-3.17E-06	-4.82E-06	9.29E-07
165	5.10E-05	1.90E-04	-1.10E-06	-5.87E-06	1.06E-06
166	3.49E-05	1.89E-04	-2.82E-06	-5.54E-06	1.33E-06
167	3.47E-05	1.53E-04	1.76E-06	-4.82E-06	6.79E-07
168	3.48E-05	1.51E-04	7.24E-08	-4.77E-06	1.08E-06
169	3.50E-05	1.47E-04	-2.10E-06	-4.43E-06	1.31E-06
170	3.50E-05	1.90E-04	-3.24E-06	-5.67E-06	6.03E-07
171	3.44E-05	1.89E-04	-1.63E-06	-5.62E-06	9.97E-07
172	3.42E-05	1.53E-04	-1.06E-05	-5.15E-06	1.05E-06
173	3.44E-05	1.51E-04	-1.27E-05	-5.10E-06	1.02E-06
174	3.46E-05	1.47E-04	-1.20E-05	-4.74E-06	8.22E-07

JOINT DISPLACEMENTS "U" AND ROTATIONS "R"
LOAD COMBINATION 1 (Gempa Arah Y)

JOINT	U(X)	U(Y)	U(Z)	R(X)	R(Y)
175	3.46E-05	1.90E-04	-1.92E-06	-5.75E-06	8.30E-07
176	4.99E-05	1.89E-04	-5.05E-06	-5.37E-06	1.51E-06
177	4.98E-05	1.53E-04	-9.85E-06	-4.32E-06	9.73E-07
178	4.98E-05	1.51E-04	-1.02E-05	-4.25E-06	9.15E-07
179	4.98E-05	1.47E-04	-1.01E-05	-3.89E-06	8.46E-07
180	4.97E-05	1.90E-04	-5.58E-06	-5.50E-06	5.98E-07
181	5.55E-05	2.10E-04	-8.01E-07	-5.00E-06	9.34E-07
182	5.54E-05	1.72E-04	-3.52E-06	-4.97E-06	7.92E-07
183	5.54E-05	1.70E-04	-3.71E-06	-4.98E-06	7.55E-07
184	5.53E-05	1.65E-04	-3.47E-06	-4.69E-06	7.16E-07
185	5.53E-05	2.12E-04	-1.24E-06	-5.17E-06	8.15E-07
186	3.87E-05	2.10E-04	-3.14E-06	-4.80E-06	1.26E-06
187	3.86E-05	1.72E-04	1.48E-06	-4.60E-06	6.57E-07
188	3.86E-05	1.70E-04	-3.20E-07	-4.60E-06	1.02E-06
189	3.88E-05	1.65E-04	-2.71E-06	-4.28E-06	1.22E-06
190	3.88E-05	2.11E-04	-3.61E-06	-4.97E-06	5.82E-07
191	3.80E-05	2.10E-04	-1.79E-06	-4.87E-06	9.19E-07
192	3.78E-05	1.72E-04	-1.14E-05	-4.92E-06	9.64E-07
193	3.79E-05	1.70E-04	-1.36E-05	-4.91E-06	9.29E-07
194	3.81E-05	1.65E-04	-1.27E-05	-4.45E-06	7.46E-07
195	3.81E-05	2.11E-04	-2.11E-06	-5.05E-06	7.56E-07
196	5.40E-05	2.10E-04	-5.54E-06	-4.64E-06	1.26E-06
197	5.39E-05	1.72E-04	-1.08E-05	-4.13E-06	7.72E-07
198	5.38E-05	1.70E-04	-1.13E-05	-4.10E-06	7.02E-07
199	5.38E-05	1.64E-04	-1.11E-05	-3.69E-06	6.22E-07
200	5.38E-05	2.11E-04	-6.11E-06	-4.81E-06	3.49E-07
201	5.86E-05	2.28E-04	-9.23E-07	-4.22E-06	5.14E-07
202	5.86E-05	1.91E-04	-3.79E-06	-4.85E-06	5.70E-07
203	5.85E-05	1.89E-04	-4.00E-06	-4.90E-06	5.14E-07
204	5.85E-05	1.83E-04	-3.73E-06	-5.19E-06	4.60E-07
205	5.86E-05	2.30E-04	-1.37E-06	-4.44E-06	6.74E-07
206	4.24E-05	2.28E-04	-3.42E-06	-3.96E-06	1.34E-06
207	4.21E-05	1.90E-04	1.12E-06	-4.34E-06	4.20E-07
208	4.22E-05	1.88E-04	-7.57E-07	-4.38E-06	9.41E-07
209	4.23E-05	1.82E-04	-3.37E-06	-4.52E-06	1.27E-06
210	4.23E-05	2.30E-04	-3.94E-06	-4.16E-06	2.83E-07
211	4.11E-05	2.27E-04	-1.93E-06	-4.06E-06	7.69E-07
212	4.09E-05	1.90E-04	-1.20E-05	-4.78E-06	8.92E-07
213	4.10E-05	1.88E-04	-1.43E-05	-4.82E-06	8.21E-07
214	4.13E-05	1.82E-04	-1.31E-05	-5.81E-06	5.73E-07
215	4.13E-05	2.30E-04	-2.27E-06	-4.26E-06	6.22E-07
216	5.68E-05	2.27E-04	-5.96E-06	-3.84E-06	1.01E-06
217	5.68E-05	1.90E-04	-1.17E-05	-3.96E-06	5.23E-07
218	5.67E-05	1.88E-04	-1.22E-05	-3.99E-06	4.62E-07
219	5.67E-05	1.83E-04	-1.20E-05	-5.40E-06	3.94E-07
220	5.66E-05	2.30E-04	-6.55E-06	-4.06E-06	3.70E-06
221	6.05E-05	2.42E-04	-1.05E-06	-2.68E-06	9.21E-07
222	6.05E-05	2.07E-04	-4.06E-06	-3.49E-06	2.19E-07
223	6.04E-05	2.05E-04	-4.29E-06	-3.63E-06	1.73E-07
224	6.04E-05	2.03E-04	-3.97E-06	-4.42E-06	1.34E-07
225	6.04E-05	2.45E-04	-1.50E-06	-2.89E-06	4.08E-07
226	4.52E-05	2.42E-04	-3.88E-06	-2.42E-06	1.00E-06
227	4.51E-05	2.07E-04	3.65E-07	-3.05E-06	-1.10E-07
228	4.51E-05	2.05E-04	-1.61E-06	-3.18E-06	6.22E-07
229	4.51E-05	2.02E-04	-4.56E-06	-4.54E-06	9.97E-07
230	4.51E-05	2.45E-04	-4.49E-06	-2.64E-06	-2.78E-07
231	4.34E-05	2.41E-04	-2.14E-06	-2.62E-06	7.82E-07
232	4.33E-05	2.07E-04	-1.28E-05	-3.85E-06	7.66E-07

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS TWO BRACE"

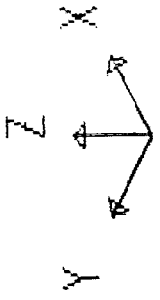
JOINT DISPLACEMENTS "U" AND ROTATIONS "R"
LOAD COMBINATION 1 (Gempa Arah Y)

JOINT	U(X)	U(Y)	U(Z)	R(X)	R(Y)
233	4.34E-05	2.05E-04	-1.53E-05	-3.92E-06	4.55E-07
234	4.34E-05	2.10E-04	-1.37E-05	-6.14E-06	-7.85E-08
235	4.35E-05	2.45E-04	-2.52E-06	-2.85E-06	-1.22E-07
236	5.84E-05	2.41E-04	-6.35E-06	-2.33E-06	8.60E-07
237	5.84E-05	2.07E-04	-1.25E-05	-2.69E-06	3.46E-07
238	5.83E-05	2.05E-04	-1.30E-05	-2.74E-06	1.61E-07
239	5.83E-05	2.10E-04	-1.28E-05	-4.65E-06	-4.34E-08
240	5.83E-05	2.45E-04	-6.96E-06	-2.55E-06	-4.45E-07
241	6.17E-05	2.51E-04	-1.16E-06	-2.14E-06	2.52E-07
242	6.17E-05	2.21E-04	-4.25E-06	-3.15E-06	2.73E-07
243	6.17E-05	2.20E-04	-4.40E-06	-3.34E-06	1.40E-07
244	6.16E-05	2.21E-04	-4.15E-06	-4.56E-06	1.94E-08
245	6.16E-05	2.56E-04	-1.61E-06	-2.36E-06	1.77E-07
246	4.76E-05	2.51E-04	-4.25E-06	-1.84E-06	9.98E-07
247	4.75E-05	2.21E-04	-3.27E-07	-2.55E-06	-1.27E-07
248	4.75E-05	2.20E-04	-2.37E-06	-2.73E-06	5.57E-07
249	4.75E-05	2.21E-04	-5.49E-06	-4.19E-06	9.29E-07
250	4.75E-05	2.56E-04	-4.91E-06	-2.06E-06	-2.84E-07
251	4.52E-05	2.51E-04	-2.32E-06	-2.03E-06	6.88E-07
252	4.51E-05	2.21E-04	-1.33E-05	-3.31E-06	6.98E-07
253	4.51E-05	2.19E-04	-1.59E-05	-3.41E-06	3.64E-07
254	4.52E-05	2.31E-04	-1.41E-05	-4.40E-06	-1.43E-07
255	4.52E-05	2.55E-04	-2.73E-06	-2.25E-06	-8.89E-08
256	5.94E-05	2.51E-04	-6.65E-06	-1.77E-06	8.21E-07
257	5.94E-05	2.21E-04	-1.31E-05	-2.29E-06	3.21E-07
258	5.93E-05	2.19E-04	-1.37E-05	-2.37E-06	1.29E-07
259	5.93E-05	2.31E-04	-1.35E-05	-3.27E-06	-7.78E-08
260	5.93E-05	2.55E-04	-7.28E-06	-1.99E-06	-4.86E-07
261	6.27E-05	2.59E-04	-1.25E-06	-1.71E-06	3.34E-07
262	6.27E-05	2.33E-04	-4.42E-06	-2.70E-06	2.13E-07
263	6.27E-05	2.32E-04	-4.68E-06	-2.86E-06	1.07E-07
264	6.27E-05	2.40E-04	-4.32E-06	-4.02E-06	1.61E-08
265	6.27E-05	2.64E-04	-1.70E-06	-1.89E-06	6.54E-09
266	4.97E-05	2.59E-04	-4.52E-06	-1.39E-06	9.44E-07
267	4.96E-05	2.33E-04	-8.99E-07	-2.06E-06	-1.74E-07
268	4.96E-05	2.32E-04	-3.00E-06	-2.22E-06	4.86E-07
269	4.96E-05	2.40E-04	-6.16E-06	-3.85E-06	8.38E-07
270	4.96E-05	2.64E-04	-5.23E-06	-1.58E-06	-4.07E-07
271	4.65E-05	2.59E-04	-2.46E-06	-1.60E-06	6.15E-07
272	4.65E-05	2.32E-04	-1.36E-05	-2.80E-06	6.48E-07
273	4.65E-05	2.32E-04	-1.64E-05	-2.89E-06	2.66E-07
274	4.65E-05	2.46E-04	-1.44E-05	-3.17E-06	-2.25E-07
275	4.65E-05	2.64E-04	-2.89E-06	-1.77E-06	-2.45E-07
276	6.02E-05	2.59E-04	-6.87E-06	-1.32E-06	8.04E-07
277	6.02E-05	2.32E-04	-1.36E-05	-1.80E-06	3.00E-07
278	6.01E-05	2.32E-04	-1.42E-05	-1.85E-06	9.99E-08
279	6.01E-05	2.45E-04	-1.39E-05	-2.04E-06	-1.12E-07
280	6.01E-05	2.64E-04	-7.50E-06	-1.50E-06	-5.47E-07
281	6.34E-05	2.65E-04	-1.33E-06	-1.21E-06	9.34E-08
282	6.34E-05	2.43E-04	-4.56E-06	-2.13E-06	2.07E-07
283	6.34E-05	2.42E-04	-4.82E-06	-2.25E-06	5.66E-08
284	6.34E-05	2.54E-04	-4.47E-06	-2.58E-06	-7.56E-08
285	6.34E-05	2.71E-04	-1.78E-06	-1.32E-06	9.60E-08
286	5.15E-05	2.65E-04	-4.69E-06	-9.61E-07	8.93E-07
287	5.14E-05	2.42E-04	-1.29E-06	-1.55E-06	-1.48E-07
288	5.13E-05	2.42E-04	-3.42E-06	-1.66E-06	4.50E-07
289	5.13E-05	2.53E-04	-6.52E-06	-2.25E-06	6.94E-07
290	5.14E-05	2.70E-04	-5.43E-06	-1.07E-06	-2.67E-07

STRUKTUR BAJA "SISTEM BRACING EKSENTRIS TWO BRACE"

JOINT DISPLACEMENTS "U" AND ROTATIONS "R"
LOAD COMBINATION 1 (Gempa Arah Y)

JOINT	U(X)	U(Y)	U(Z)	R(X)	R(Y)
291	4.77E-05	2.64E-04	-2.55E-06	-1.12E-06	6.66E-07
292	4.76E-05	2.42E-04	-1.37E-05	-2.20E-06	7.05E-07
293	4.75E-05	2.42E-04	-1.67E-05	-2.23E-06	2.93E-07
294	4.74E-05	2.55E-04	-1.46E-05	-1.85E-06	-1.88E-07
295	4.75E-05	2.70E-04	-3.01E-06	-1.22E-06	4.24E-08
296	6.07E-05	2.64E-04	-7.01E-06	-9.09E-07	6.73E-07
297	6.07E-05	2.42E-04	-1.39E-05	-1.37E-06	2.77E-07
298	6.07E-05	2.42E-04	-1.45E-05	-1.38E-06	5.67E-08
299	6.07E-05	2.55E-04	-1.42E-05	-1.05E-06	-1.69E-07
300	6.07E-05	2.70E-04	-7.64E-06	-1.01E-06	-5.36E-07
301	6.37E-05	2.68E-04	-1.38E-06	-1.11E-06	1.01E-06
302	6.37E-05	2.49E-04	-4.66E-06	-1.72E-06	6.32E-08
303	6.36E-05	2.50E-04	-4.92E-06	-1.84E-06	1.09E-08
304	6.36E-05	2.60E-04	-4.58E-06	-1.86E-06	-3.69E-09
305	6.36E-05	2.74E-04	-1.84E-06	-1.17E-06	-9.24E-07
306	5.34E-05	2.68E-04	-4.78E-06	-4.71E-07	1.10E-06
307	5.33E-05	2.49E-04	-1.47E-06	-5.95E-07	-3.70E-07
308	5.33E-05	2.49E-04	-3.54E-06	-6.97E-07	4.75E-07
309	5.33E-05	2.60E-04	-6.65E-06	-5.65E-07	1.49E-06
310	5.33E-05	2.74E-04	-5.53E-06	-5.26E-07	-1.02E-06
311	4.97E-05	2.68E-04	-2.60E-06	-8.85E-07	9.95E-07
312	4.97E-05	2.49E-04	-1.38E-05	-1.87E-06	9.54E-07
313	4.96E-05	2.49E-04	-1.68E-05	-1.81E-06	6.08E-07
314	4.94E-05	2.60E-04	-1.46E-05	-1.38E-06	-2.54E-07
315	4.95E-05	2.74E-04	-3.07E-06	-9.33E-07	-9.54E-07
316	6.10E-05	2.68E-04	-7.07E-06	-3.75E-07	1.17E-06
317	6.09E-05	2.49E-04	-1.40E-05	-3.10E-07	2.77E-07
318	6.09E-05	2.49E-04	-1.47E-05	-2.12E-07	2.95E-08
319	6.08E-05	2.60E-04	-1.43E-05	1.12E-07	-2.22E-07
320	6.08E-05	2.74E-04	-7.71E-06	-4.27E-07	-1.11E-06



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